

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038409.D
 Acq On : 7 Dec 2018 18:49
 Operator : JU/SJ
 Sample : J6195-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Quant Time: Dec 07 22:12:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24315	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	103815	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69381	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	199871	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167966	20.00	ng	0.00
87) Perylene-d12	25.03	264	182561	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	159335	115.96	ng	0.00
7) Phenol-d6	7.22	99	211394	106.45	ng	0.00
23) Nitrobenzene-d5	9.25	82	159415	76.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113404	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	373311	76.67	ng	0.00
79) Terphenyl-d14	20.05	244	818632	104.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	21653	34.384	ng	# 1
3) Pyridine	3.91	79	91460	48.546	ng	95
4) n-Nitrosodimethylamine	3.83	42	45786	55.482	ng	92
6) Aniline	7.40	93	53265	21.000	ng	99
8) 2-Chlorophenol	7.63	128	71081	44.544	ng	99
9) Benzaldehyde	7.21	77	35467	28.204	ng	97
10) Phenol	7.25	94	82082	39.119	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	71631	41.684	ng	99
12) 1,3-Dichlorobenzene	7.96	146	70222	37.652	ng	95
13) 1,4-Dichlorobenzene	8.10	146	72440	37.539	ng	97
14) 1,2-Dichlorobenzene	8.42	146	68786	38.383	ng	99
15) Benzyl Alcohol	8.31	79	68879	42.188	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156765	40.107	ng	95
17) 2-Methylphenol	8.50	107	61918	42.515	ng	97
18) Hexachloroethane	9.15	117	27390	39.327	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	61512	42.512	ng	90
20) 3+4-Methylphenols	8.83	107	87818	41.544	ng	95
22) Acetophenone	8.90	105	116620	46.992	ng	# 96
24) Nitrobenzene	9.29	77	89464	42.112	ng	95
25) Isophorone	9.80	82	168313	45.803	ng	98
26) 2-Nitrophenol	10.00	139	43686	44.380	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	73389	51.907	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	94659	44.934	ng	96
29) 2,4-Dichlorophenol	10.53	162	79544	49.286	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	77751	41.039	ng	95
31) Naphthalene	10.94	128	228788	46.136	ng	99
32) Benzoic acid	10.18	122	32302	33.750	ng	96
33) 4-Chloroaniline	11.06	127	12767	5.816	ng	97
34) Hexachlorobutadiene	11.20	225	48997	41.339	ng	95
35) Caprolactam	11.83	113	14330	21.471	ng	97
36) 4-Chloro-3-methylphenol	12.16	107	98352	54.847	ng	97
37) 2-Methylnaphthalene	12.54	142	177385	50.229	ng	97
38) 1-Methylnaphthalene	12.76	142	165998	49.077	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96208	40.298	ng	99

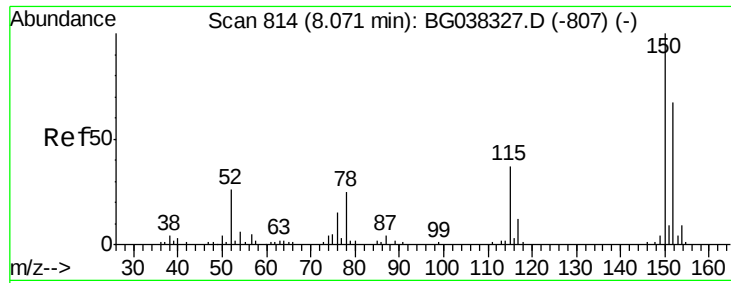
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038409.D
 Acq On : 7 Dec 2018 18:49
 Operator : JU/SJ
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Quant Time: Dec 07 22:12:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	116010	88.424	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	71113	45.982	ng	96
44) 2,4,5-Trichlorophenol	13.22	196	76743	46.841	ng	97
46) 1,1'-Biphenyl	13.54	154	229959	39.211	ng	99
47) 2-Chloronaphthalene	13.59	162	184615	41.716	ng	98
48) 2-Nitroaniline	13.80	65	66712	44.933	ng	95
49) Acenaphthylene	14.43	152	306271	45.951	ng	99
50) Dimethylphthalate	14.16	163	252264	45.331	ng	98
51) 2,6-Dinitrotoluene	14.29	165	57959	45.594	ng	97
52) Acenaphthene	14.77	154	175546	43.204	ng	98
53) 3-Nitroaniline	14.63	138	26473	19.336	ng #	92
54) 2,4-Dinitrophenol	14.83	184	68314	98.034	ng #	79
55) Dibenzofuran	15.10	168	290680	43.273	ng	96
56) 4-Nitrophenol	14.92	139	80105	74.069	ng #	85
57) 2,4-Dinitrotoluene	15.07	165	82267	46.922	ng #	97
58) Fluorene	15.75	166	234897	47.464	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70511	49.553	ng	99
60) Diethylphthalate	15.51	149	262245	42.536	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	128081	43.087	ng	97
62) 4-Nitroaniline	15.78	138	58412	43.379	ng	88
63) Azobenzene	16.03	77	233593	43.292	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48536	37.062	ng	90
66) n-Nitrosodiphenylamine	15.95	169	216831	38.579	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	84381	39.094	ng	97
68) Hexachlorobenzene	16.75	284	88139	39.590	ng	98
69) Atrazine	16.90	200	89436	42.645	ng	98
70) Pentachlorophenol	17.09	266	107454	70.467	ng	96
71) Phenanthrene	17.50	178	444190	44.377	ng	98
72) Anthracene	17.59	178	431431	44.509	ng	99
73) Carbazole	17.86	167	375937	39.077	ng	99
74) Di-n-butylphthalate	18.39	149	469708	41.792	ng	98
75) Fluoranthene	19.50	202	731194	62.525	ng	99
77) Benzidine	19.69	184	69294	12.226	ng	100
78) Pyrene	19.87	202	720469	61.305	ng	99
80) Butylbenzylphthalate	20.73	149	206652	43.719	ng	99
81) Benzo(a)anthracene	21.71	228	479297	46.429	ng	100
82) 3,3'-Dichlorobenzidine	21.63	252	87320	21.744	ng	97
83) Chrysene	21.78	228	444109	45.461	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	288769	43.102	ng	99
85) Di-n-octyl phthalate	22.81	149	492577	42.878	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	542980	48.907	ng	98
88) Benzo(b)fluoranthene	23.98	252	480129	46.545	ng #	98
89) Benzo(k)fluoranthene	24.05	252	460409	44.814	ng	99
90) Benzo(a)pyrene	24.88	252	456610	45.635	ng #	95
91) Dibenzo(a,h)anthracene	28.90	278	447806	47.188	ng #	95
92) Benzo(g,h,i)perylene	30.02	276	508548	54.013	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

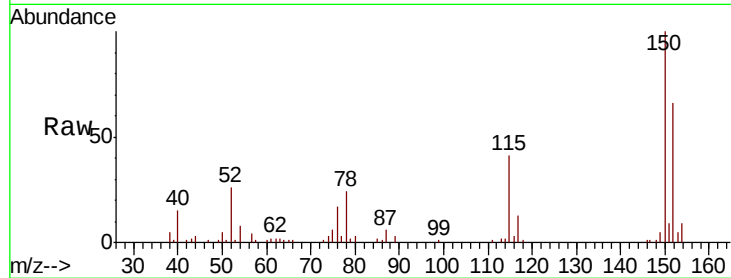


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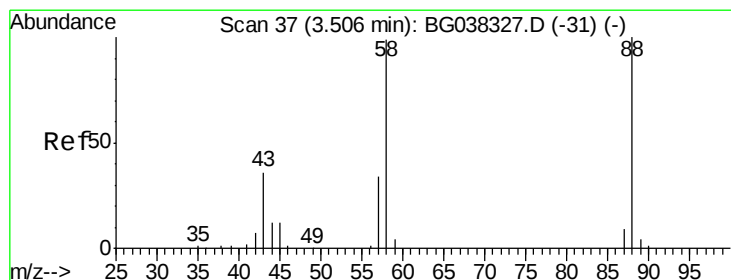
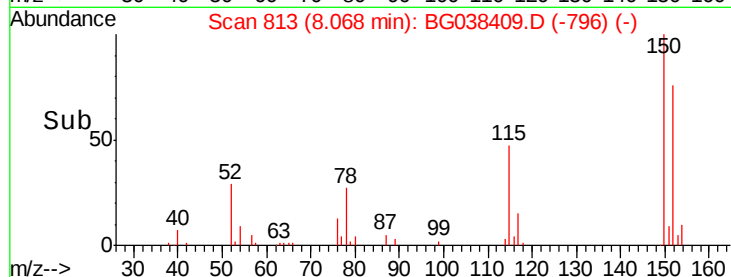
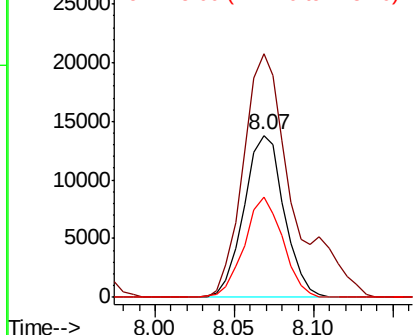
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:152 Resp: 24315
Ion Ratio Lower Upper
152 100
150 150.4 126.0 189.0
115 61.9 45.5 68.3



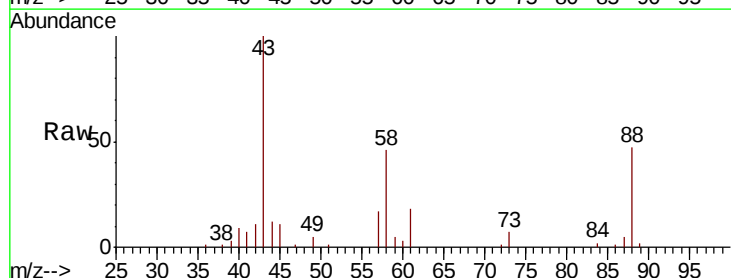
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



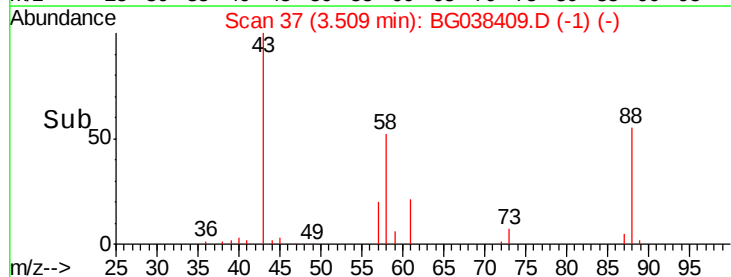
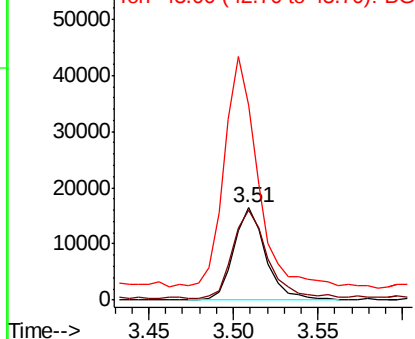
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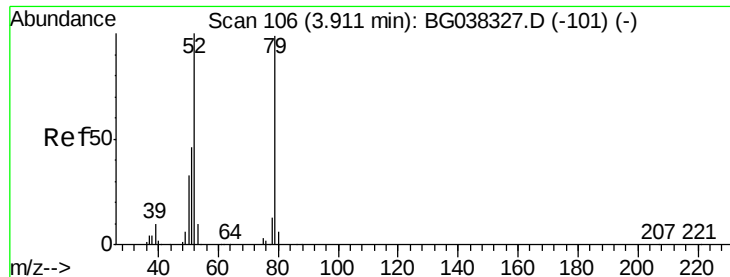
1,4-Dioxane
Concen: 34.384 ng
RT: 3.51 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion: 88 Resp: 21653
Ion Ratio Lower Upper
88 100
58 101.8 74.4 111.6
43 265.5 25.8 38.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 48.546 ng

RT: 3.91 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

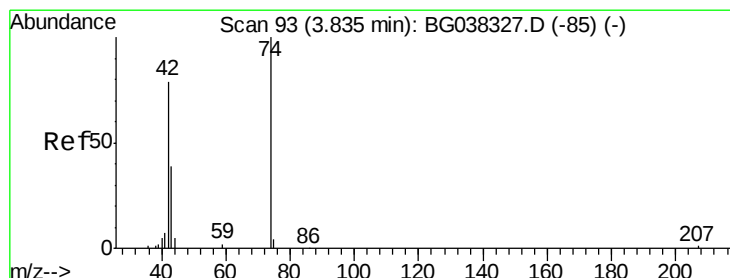
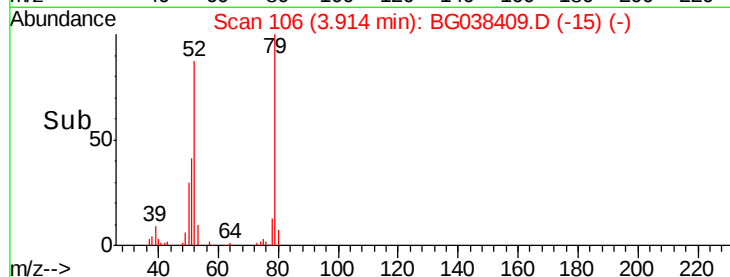
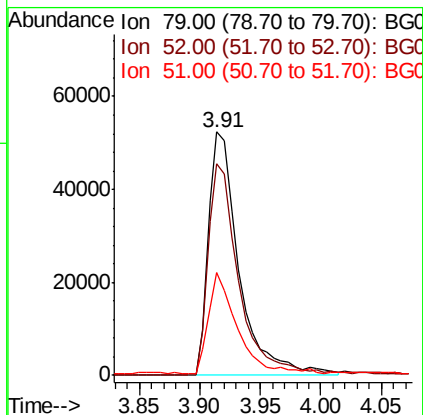
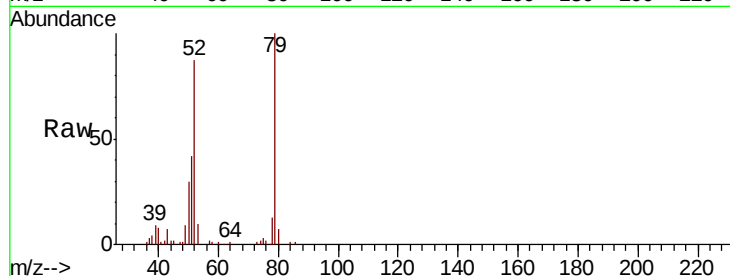
Tgt Ion: 79 Resp: 91460

Ion Ratio Lower Upper

79 100

52 86.9 74.2 111.2

51 42.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 55.482 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

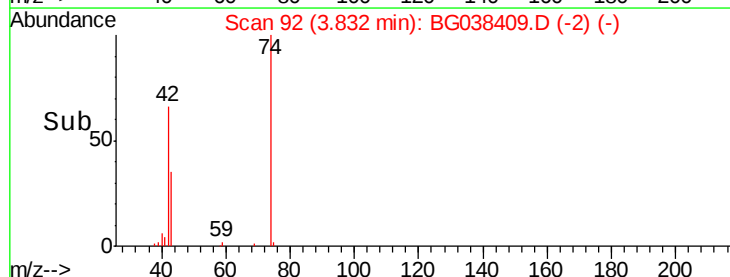
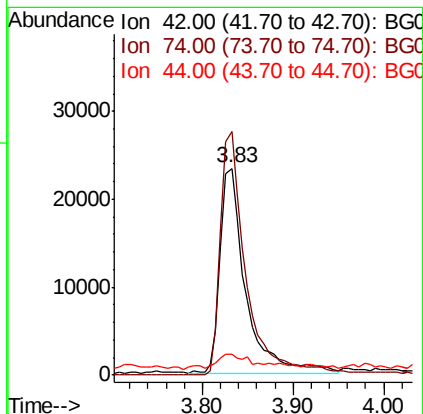
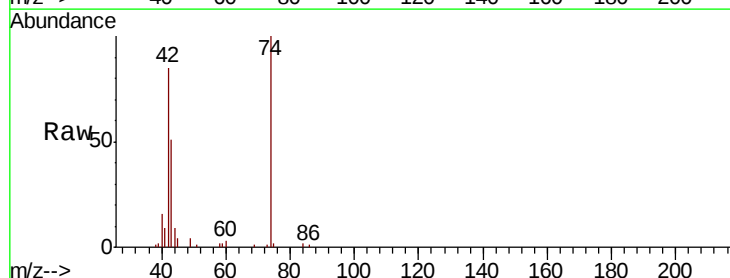
Tgt Ion: 42 Resp: 45786

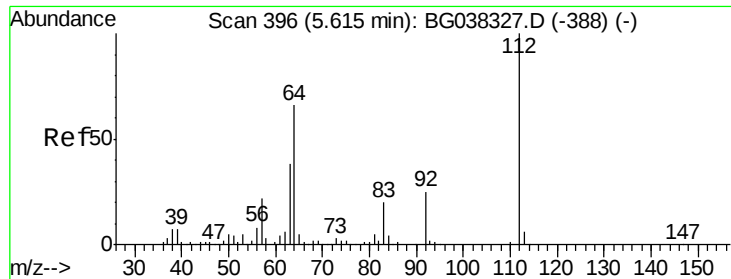
Ion Ratio Lower Upper

42 100

74 117.8 102.0 153.0

44 10.4 9.6 14.4





#5

2-Fluorophenol

Concen: 115.964 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

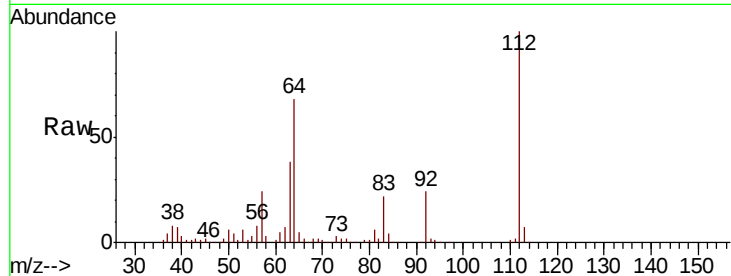
Tgt Ion: 112 Resp: 159335

Ion Ratio Lower Upper

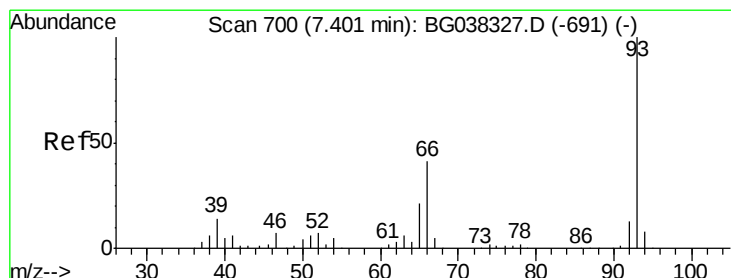
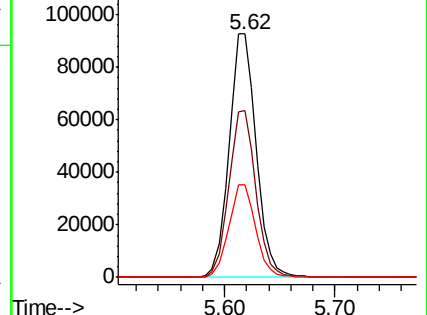
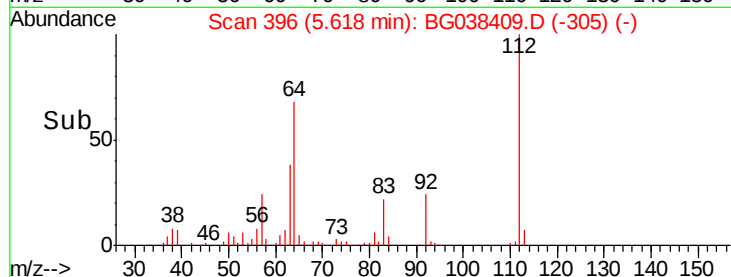
112 100

64 68.5 53.1 79.7

63 37.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.000 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

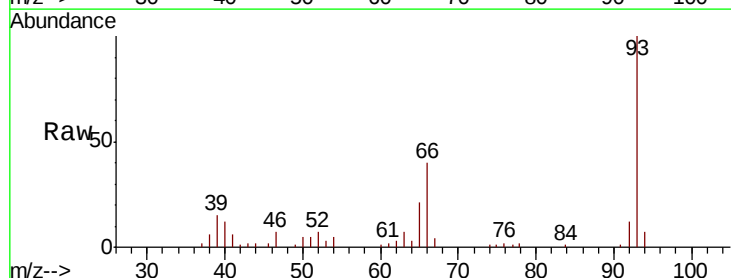
Tgt Ion: 93 Resp: 53265

Ion Ratio Lower Upper

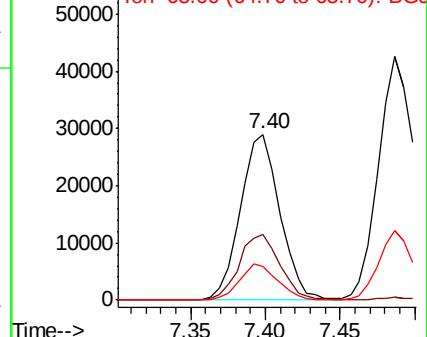
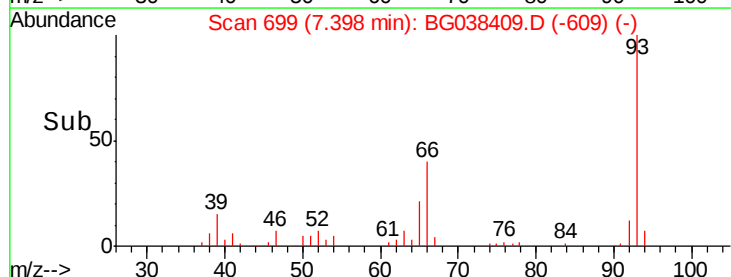
93 100

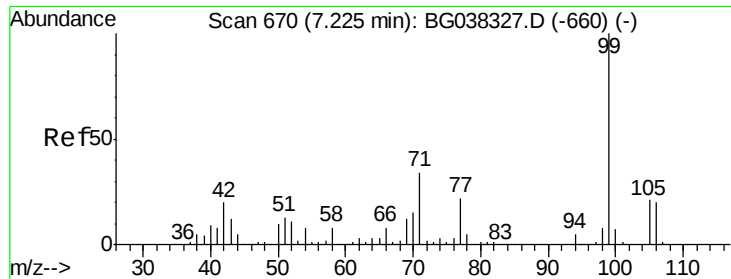
66 39.7 32.8 49.2

65 20.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.448 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

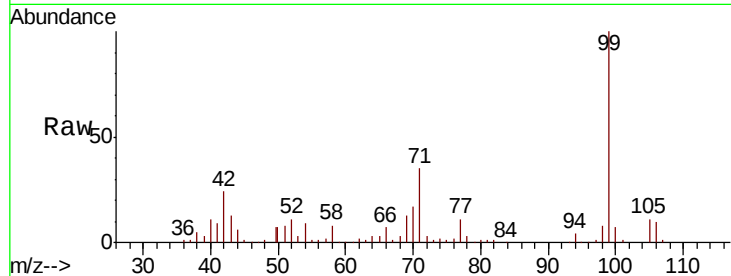
Tgt Ion: 99 Resp: 211394

Ion Ratio Lower Upper

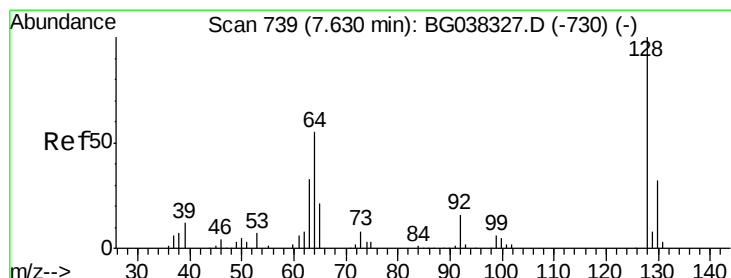
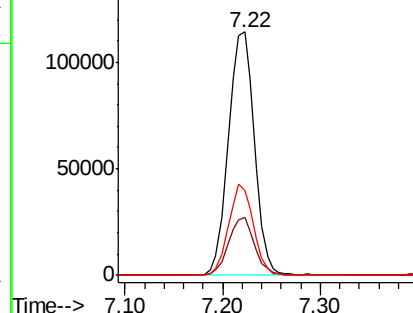
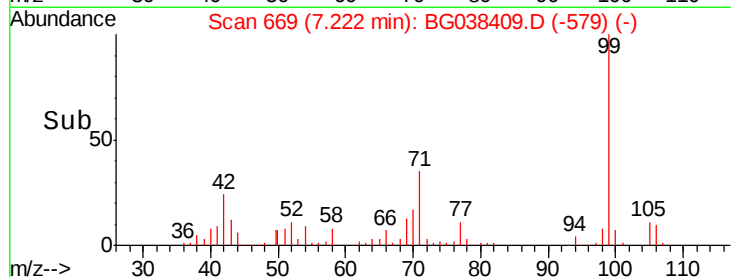
99 100

42 23.8 15.0 22.4#

71 34.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.544 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

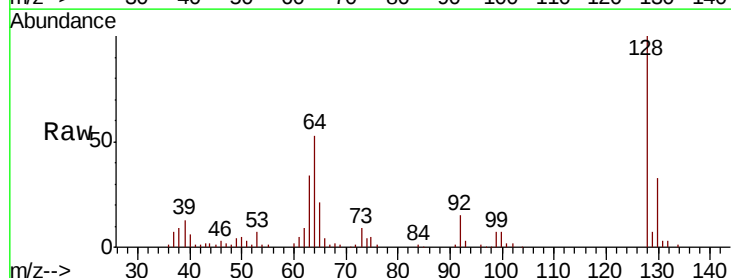
Tgt Ion: 128 Resp: 71081

Ion Ratio Lower Upper

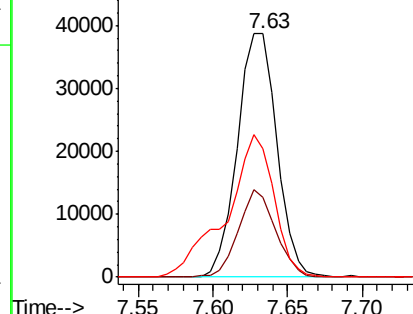
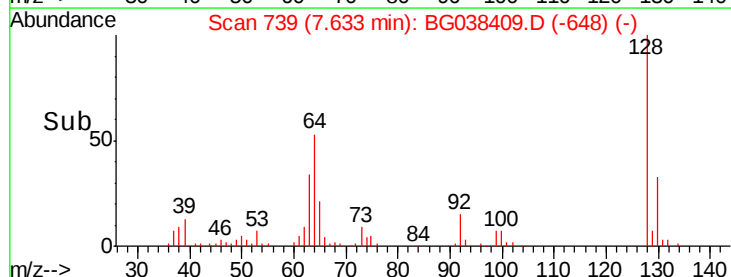
128 100

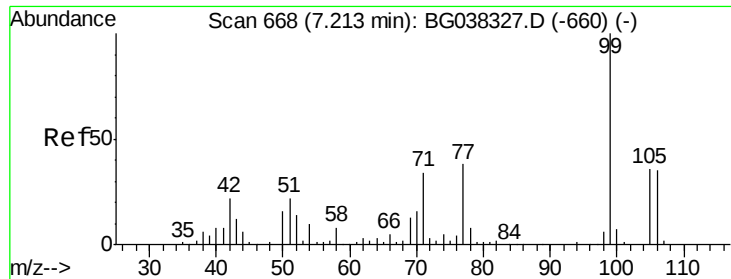
130 32.7 12.0 52.0

64 52.6 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.204 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

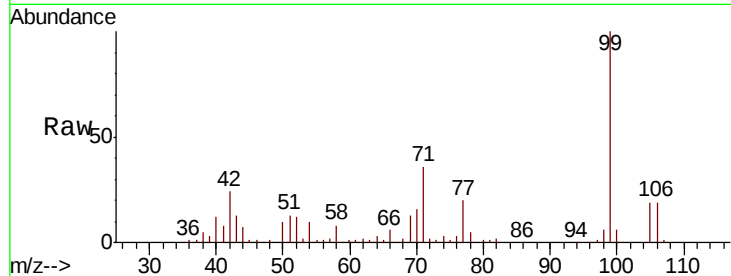
Tgt Ion: 77 Resp: 35467

Ion Ratio Lower Upper

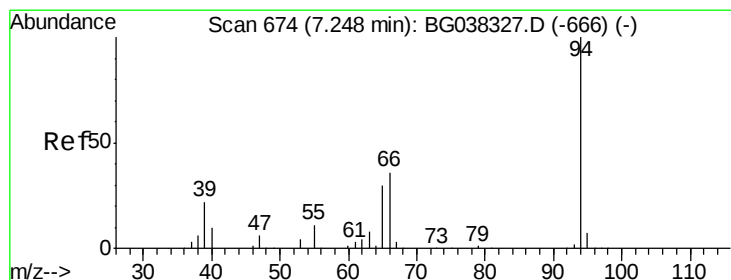
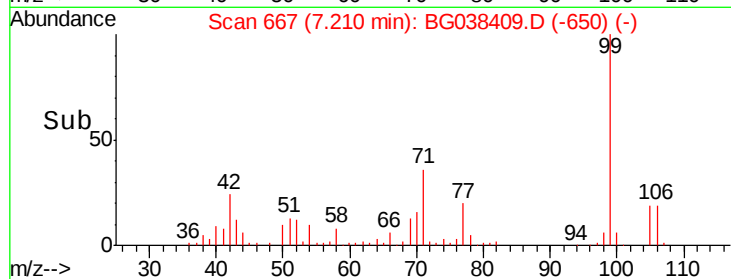
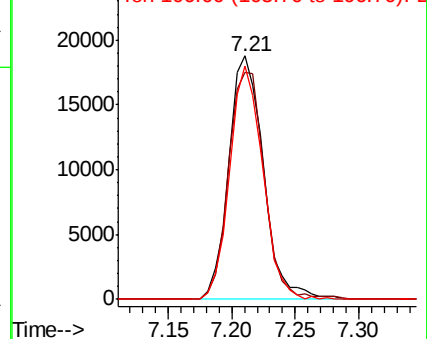
77 100

105 93.4 72.6 112.6

106 95.9 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.119 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

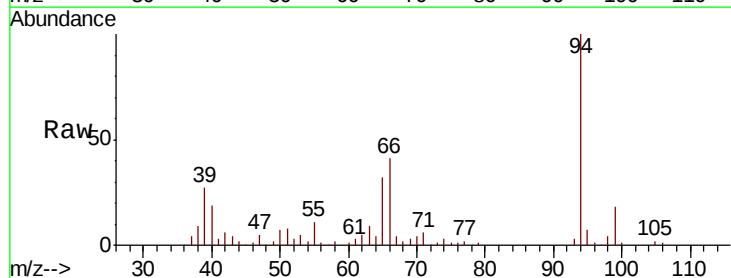
Tgt Ion: 94 Resp: 82082

Ion Ratio Lower Upper

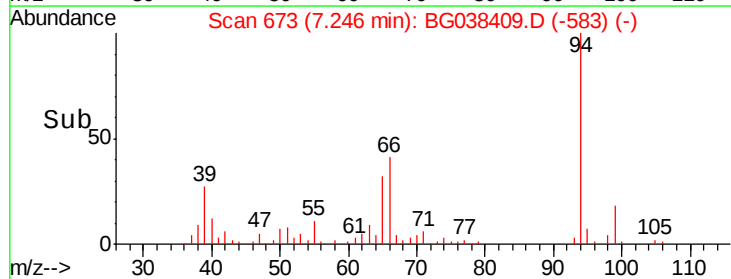
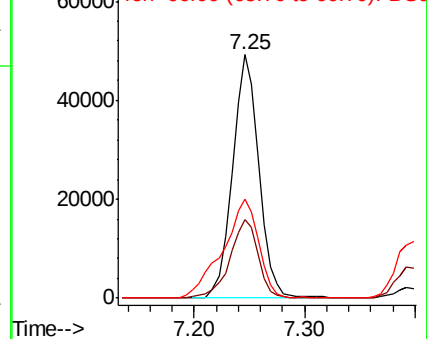
94 100

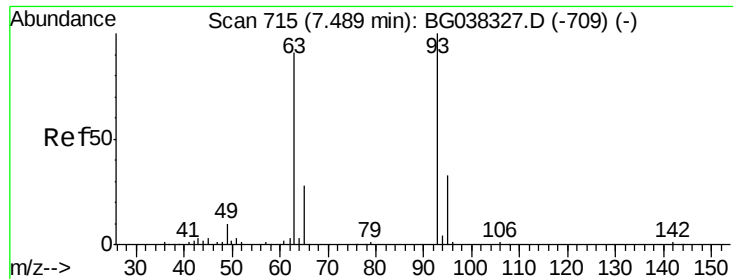
65 32.1 9.7 49.7

66 40.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.684 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

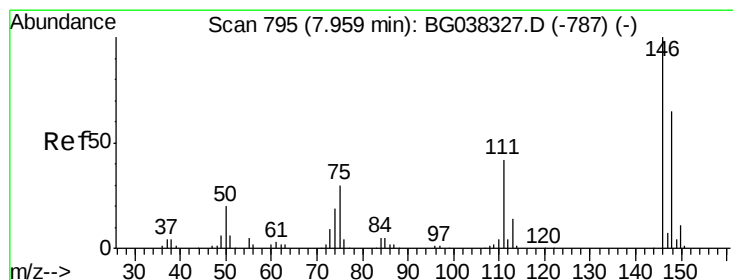
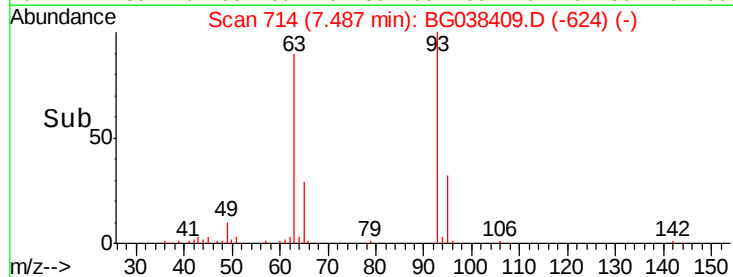
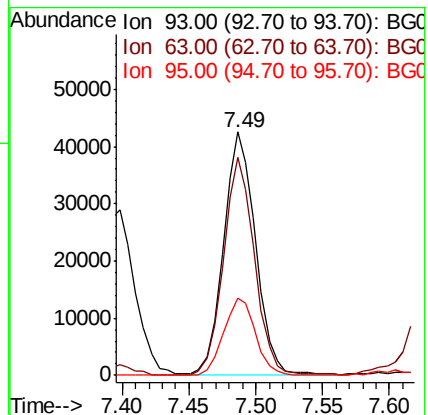
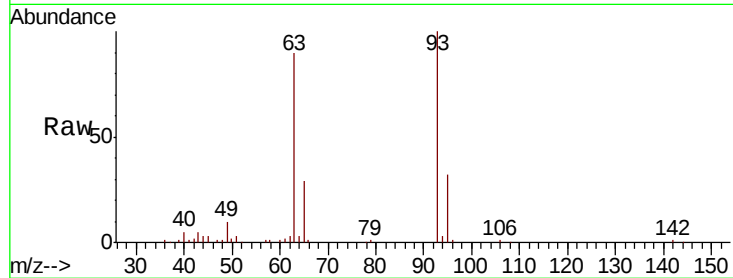
Tgt Ion: 93 Resp: 71631

Ion Ratio Lower Upper

93 100

63 89.8 69.5 109.5

95 31.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 37.652 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

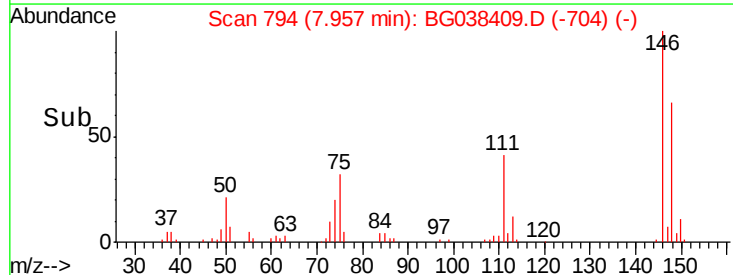
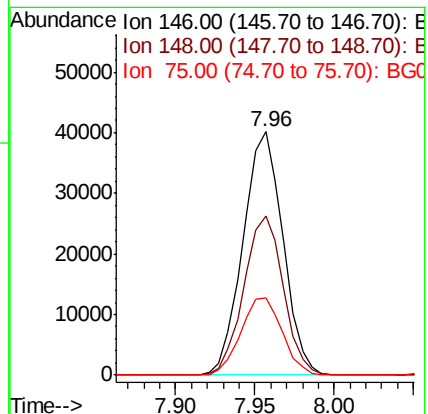
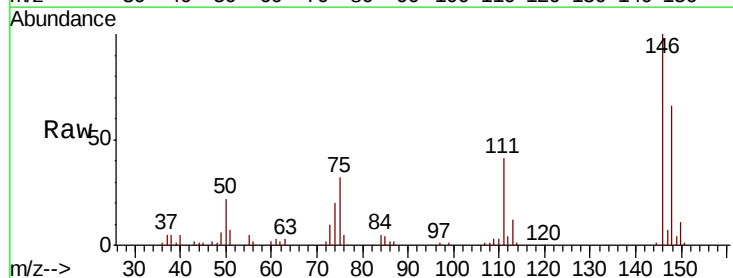
Tgt Ion: 146 Resp: 70222

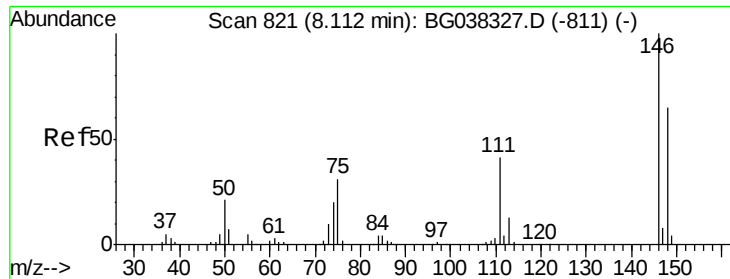
Ion Ratio Lower Upper

146 100

148 65.6 49.8 74.8

75 32.0 23.2 34.8

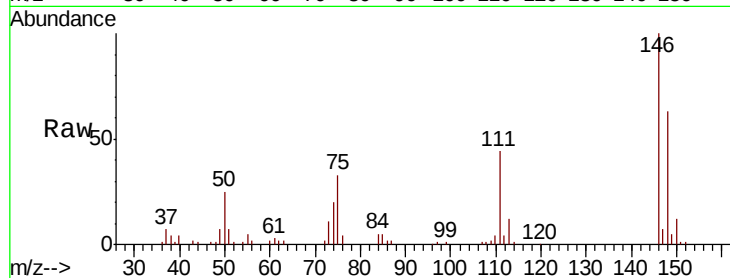




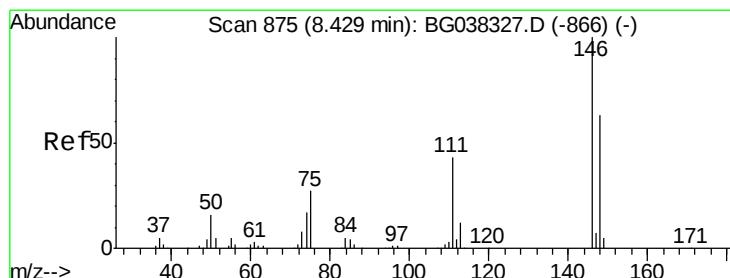
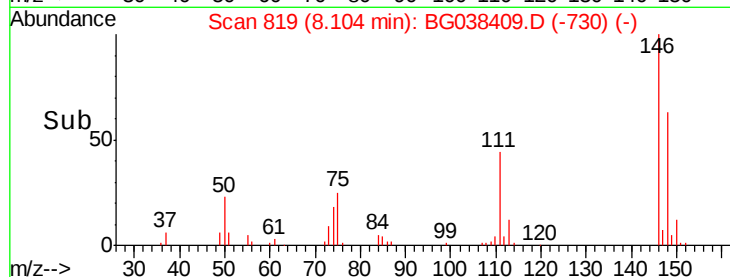
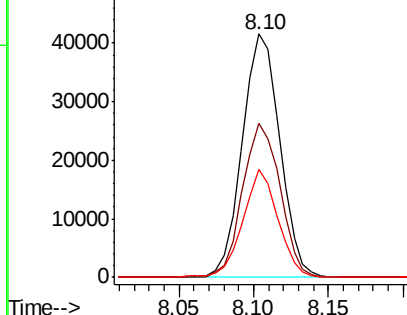
#13
 1,4-Dichlorobenzene
 Concen: 37.539 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion:146 Resp: 72440
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 44.4 32.4 48.6

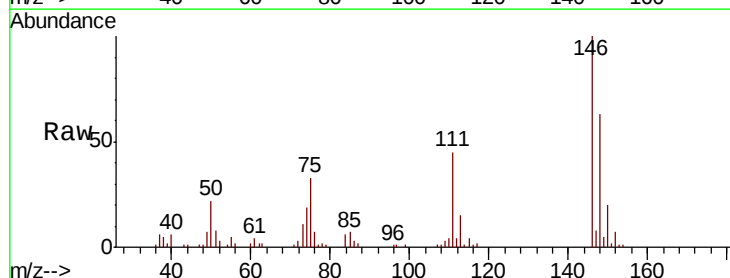


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

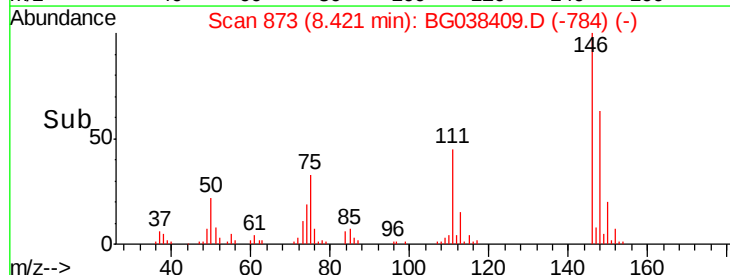
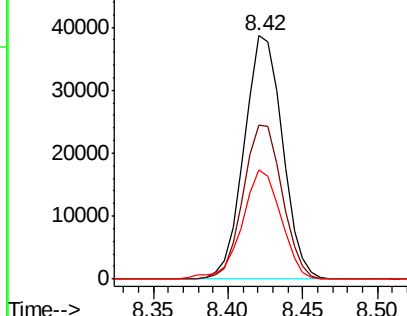


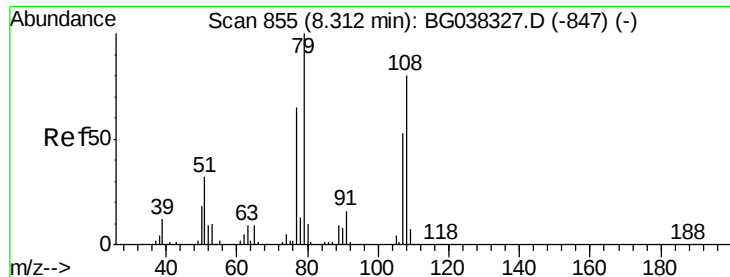
#14
 1,2-Dichlorobenzene
 Concen: 38.383 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:146 Resp: 68786
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 45.0 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.188 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

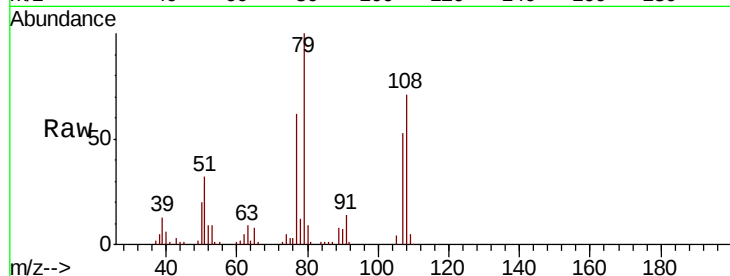
Tgt Ion: 79 Resp: 68879

Ion Ratio Lower Upper

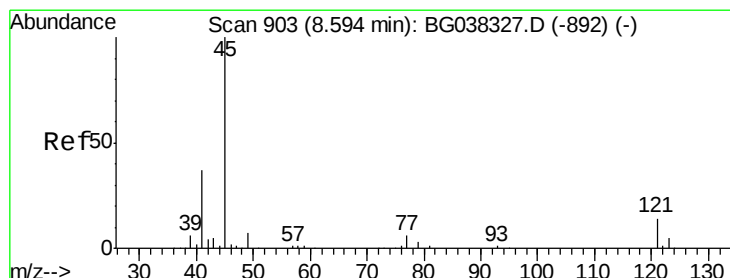
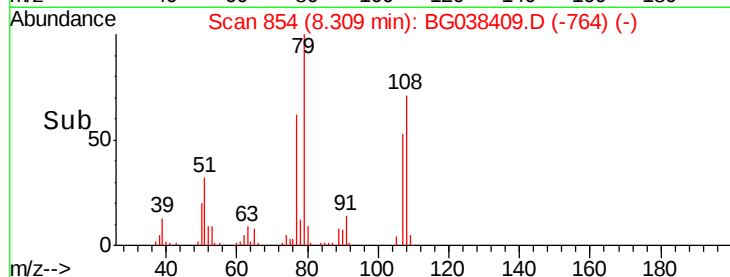
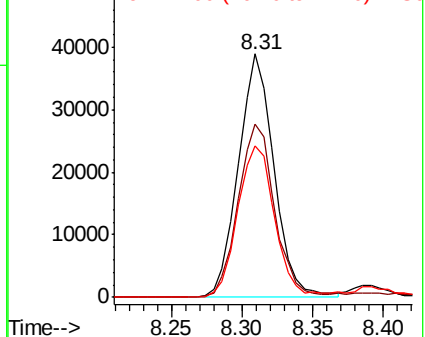
79 100

108 71.3 65.8 98.8

77 61.9 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.107 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

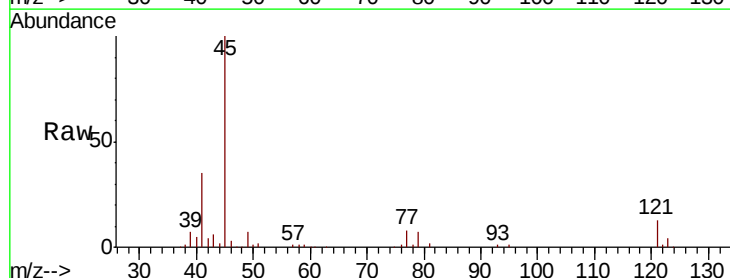
Tgt Ion: 45 Resp: 156765

Ion Ratio Lower Upper

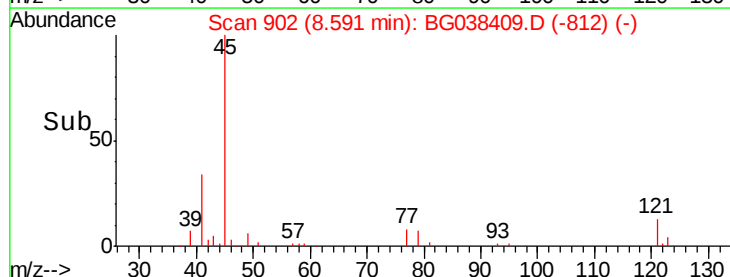
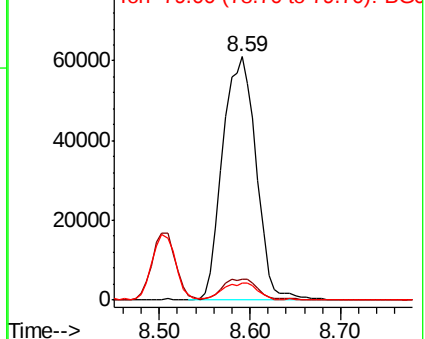
45 100

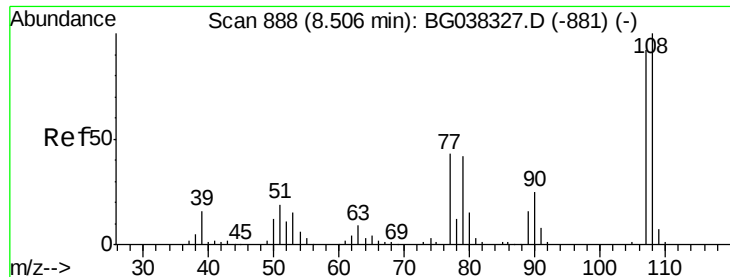
77 8.4 0.0 30.0

79 7.0 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

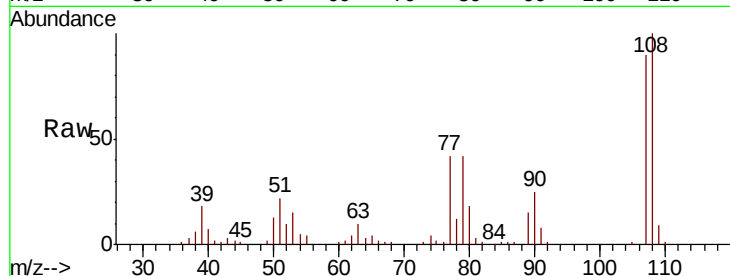




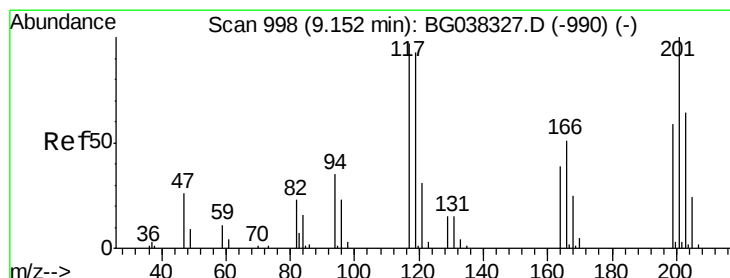
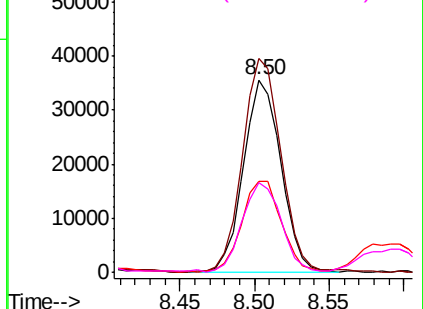
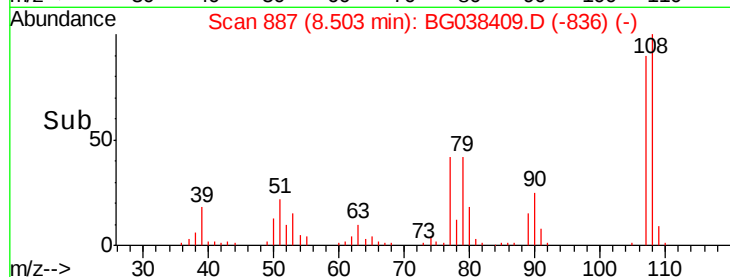
#17
2-Methylphenol
Concen: 42.515 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:107 Resp: 61918
Ion Ratio Lower Upper
107 100
108 111.2 87.9 131.9
77 47.1 35.1 52.7
79 46.5 34.5 51.7

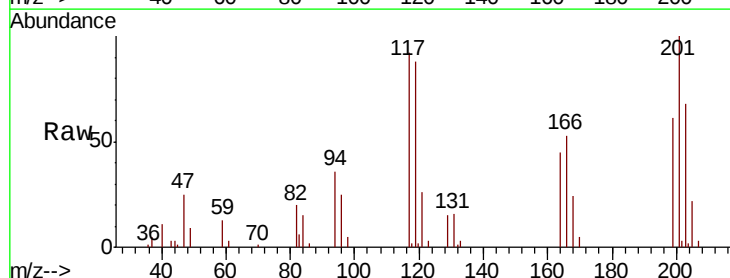


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

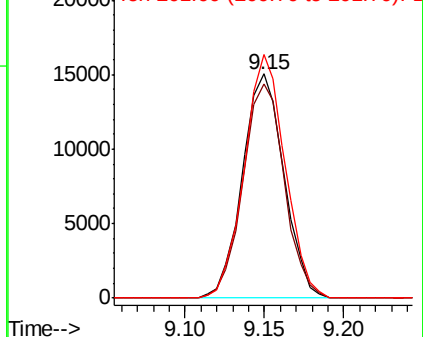
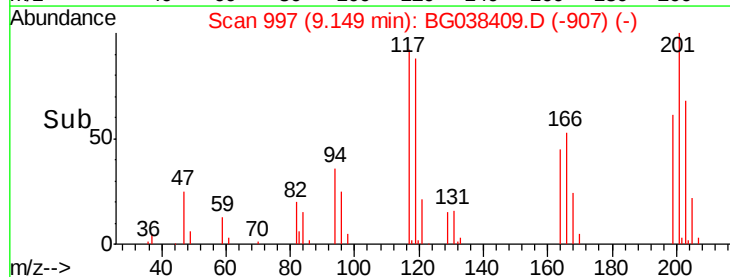


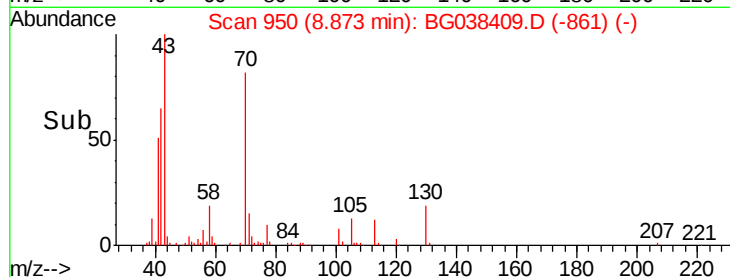
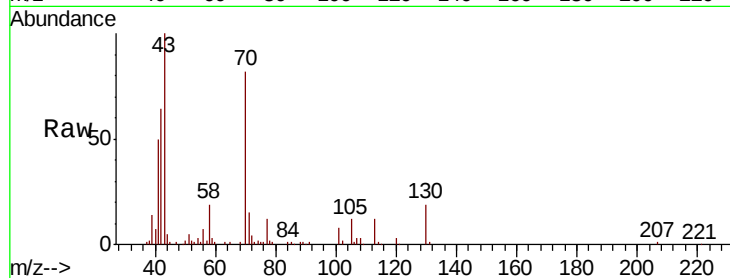
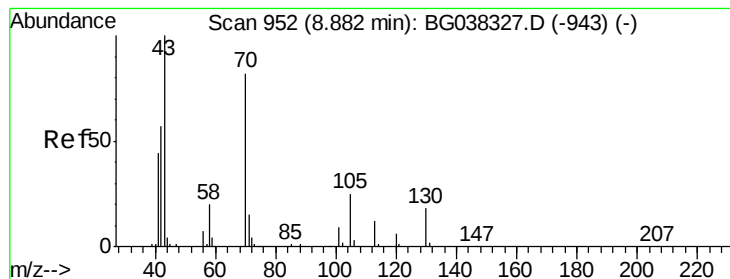
#18
Hexachloroethane
Concen: 39.327 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:117 Resp: 27390
Ion Ratio Lower Upper
117 100
119 95.7 74.6 111.8
201 111.4 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.512 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

Tgt Ion: 70 Resp: 61512

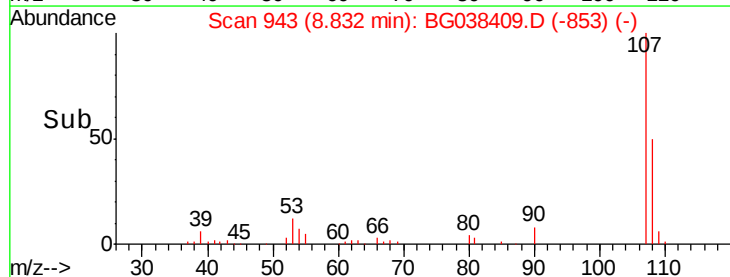
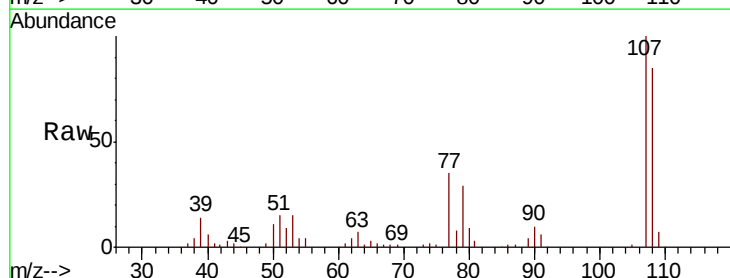
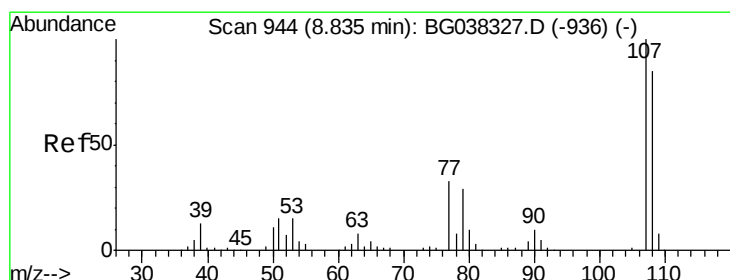
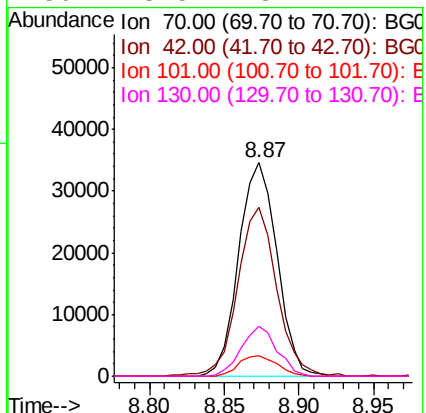
Ion Ratio Lower Upper

70 100

42 79.0 53.9 80.9

101 9.6 8.2 12.2

130 23.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 41.544 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion: 107 Resp: 87818

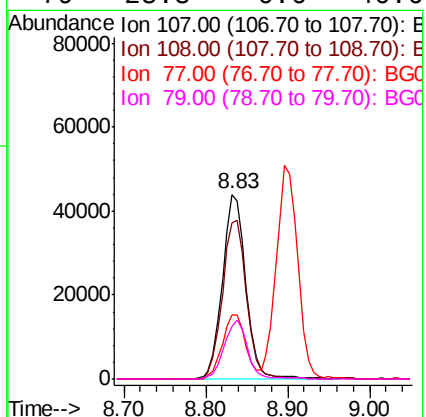
Ion Ratio Lower Upper

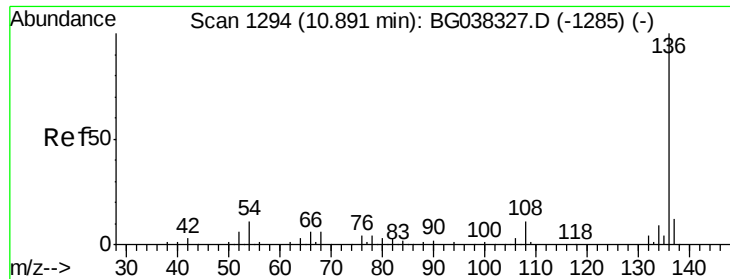
107 100

108 84.8 69.9 109.9

77 34.9 11.2 51.2

79 28.8 6.6 46.6

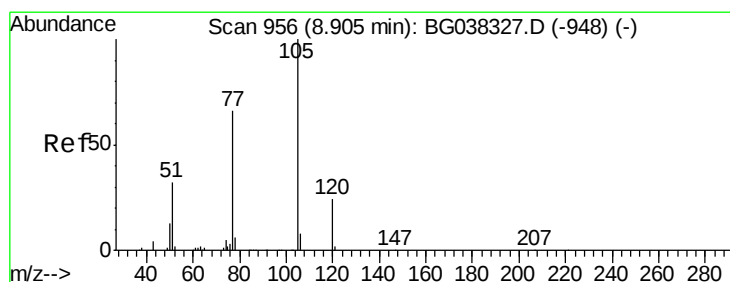
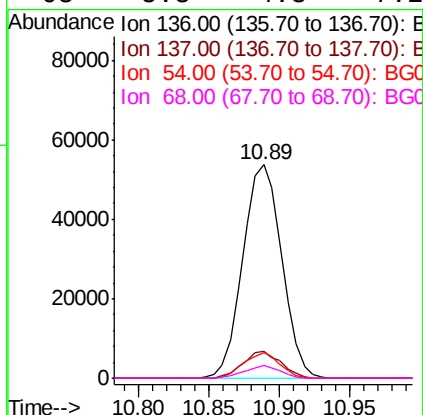
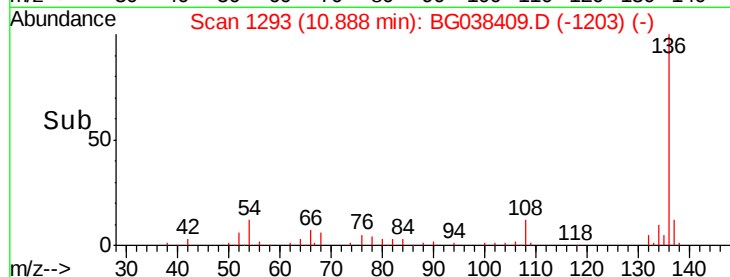
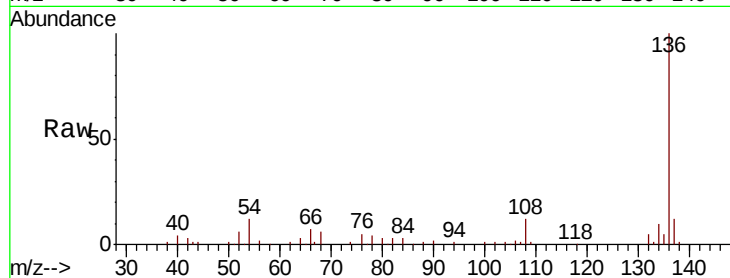




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

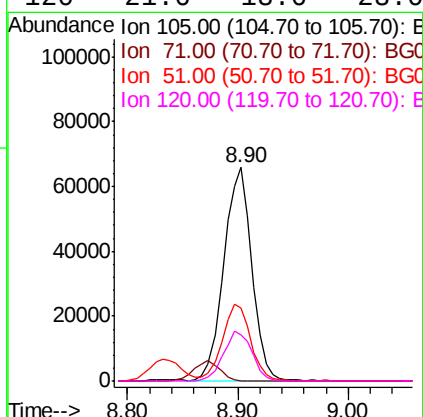
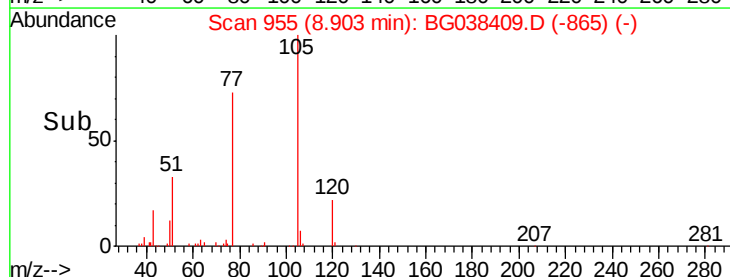
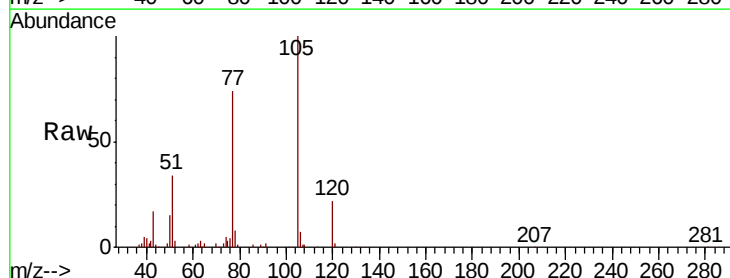
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

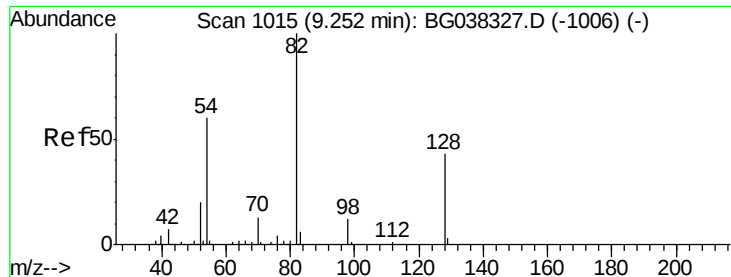
Tgt Ion:	136	Resp:	103815
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	12.0	7.9	11.9#
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 46.992 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:	105	Resp:	116620
Ion	Ratio	Lower	Upper
105	100		
71	0.3	1.2	1.8#
51	33.9	25.0	37.6
120	21.6	18.6	28.0

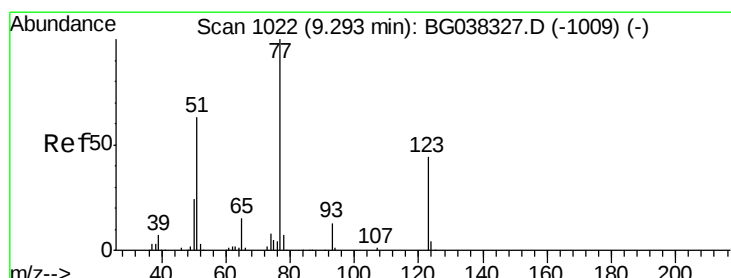
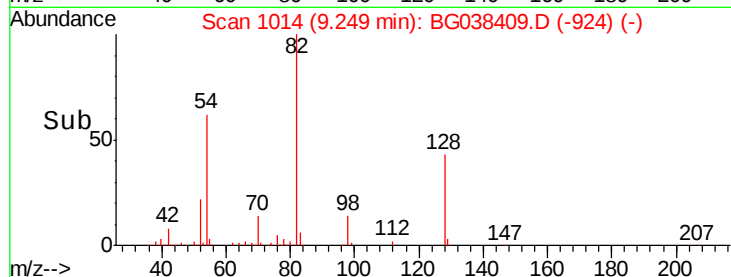
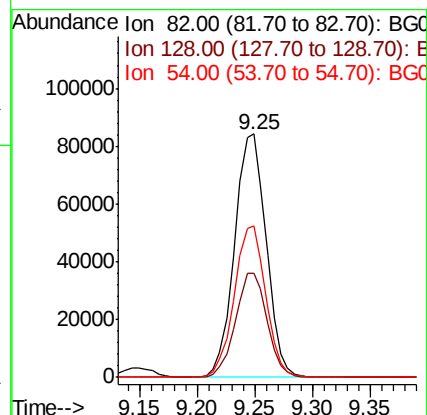
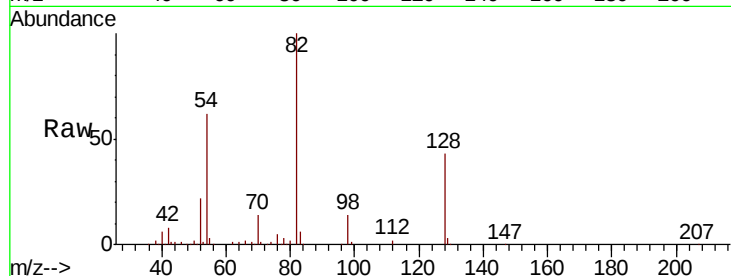




#23
 Nitrobenzene-d5
 Concen: 76.238 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

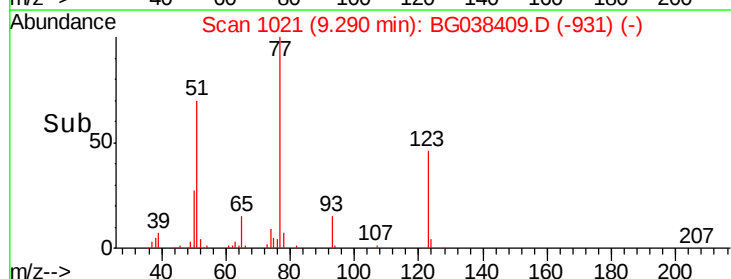
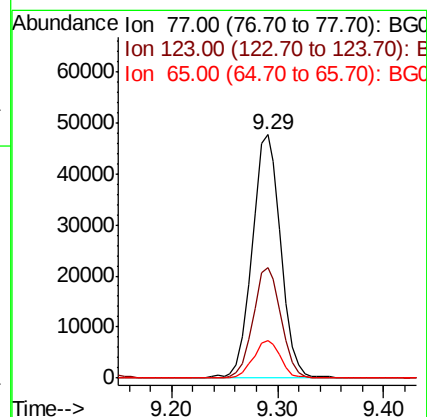
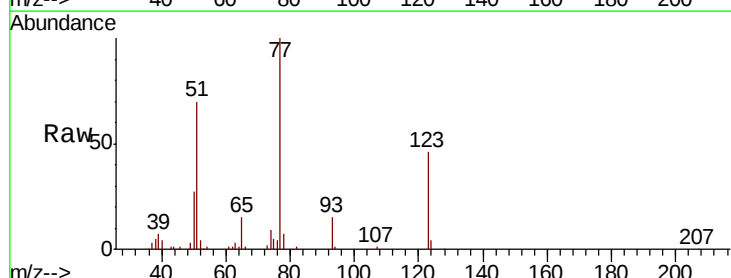
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

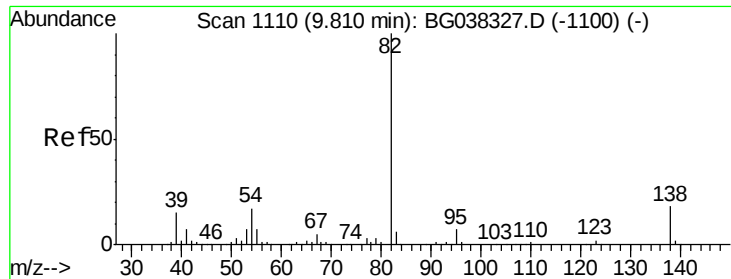
Tgt Ion: 82 Resp: 159415
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 51.8
 54 62.3 45.3 67.9



#24
 Nitrobenzene
 Concen: 42.112 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion: 77 Resp: 89464
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.6 50.4
 65 15.5 11.3 16.9





#25

Isophorone

Concen: 45.803 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

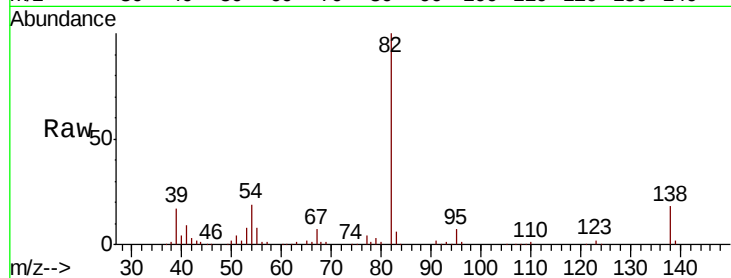
Tgt Ion: 82 Resp: 168313

Ion Ratio Lower Upper

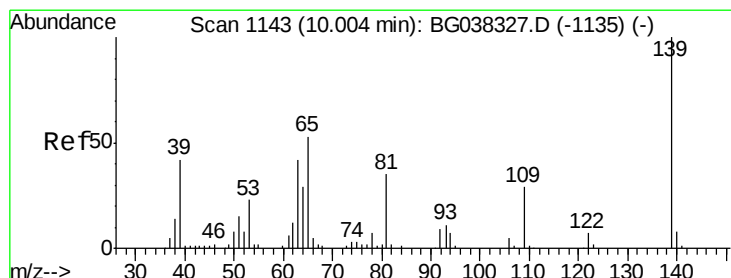
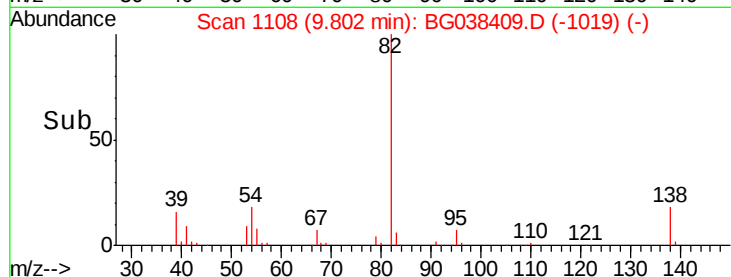
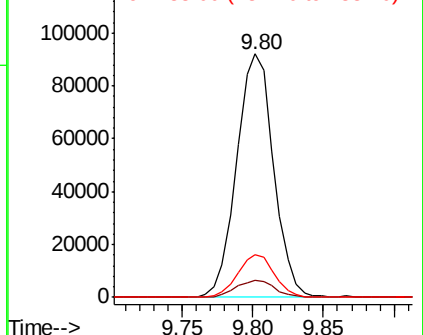
82 100

95 7.2 5.3 7.9

138 17.5 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.380 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

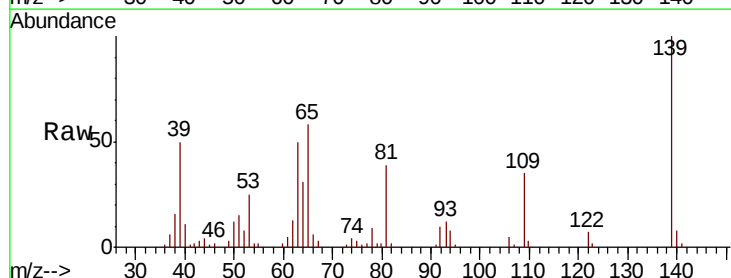
Tgt Ion: 139 Resp: 43686

Ion Ratio Lower Upper

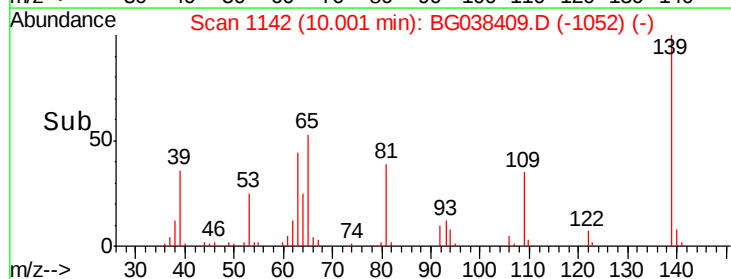
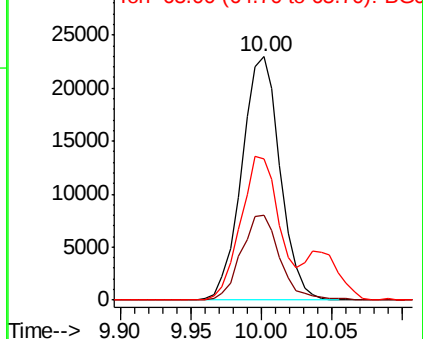
139 100

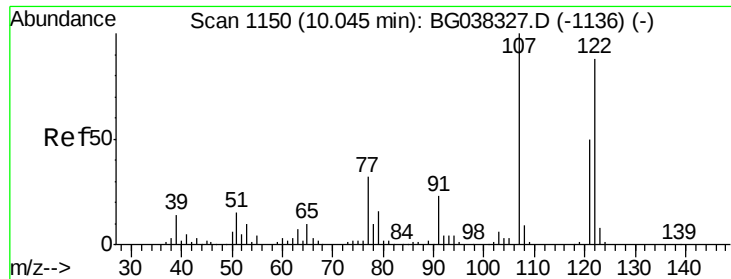
109 35.0 23.3 34.9#

65 57.8 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

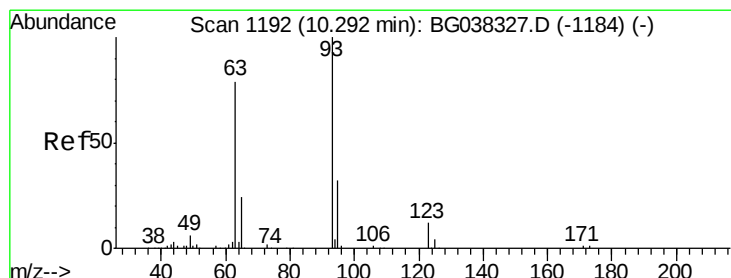
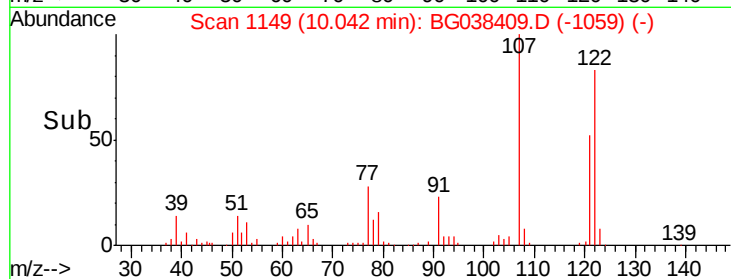
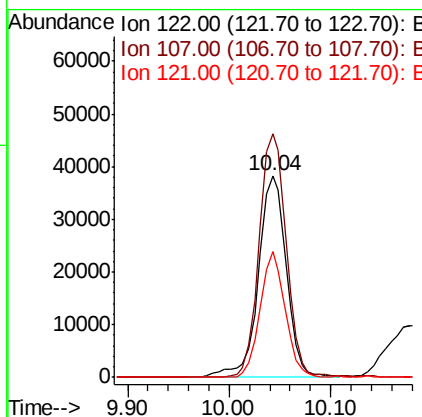
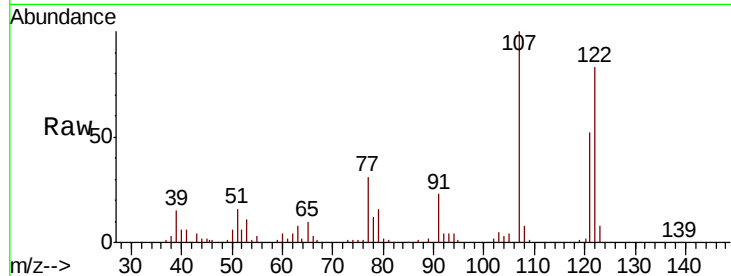




#27
 2,4-Dimethylphenol
 Concen: 51.907 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

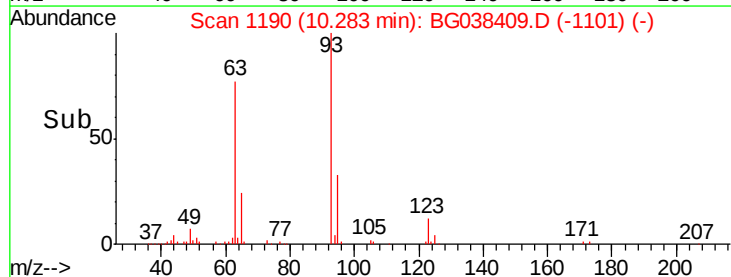
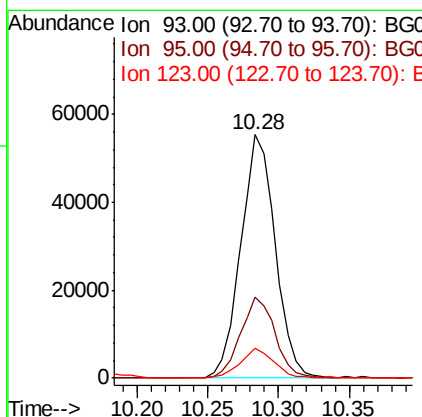
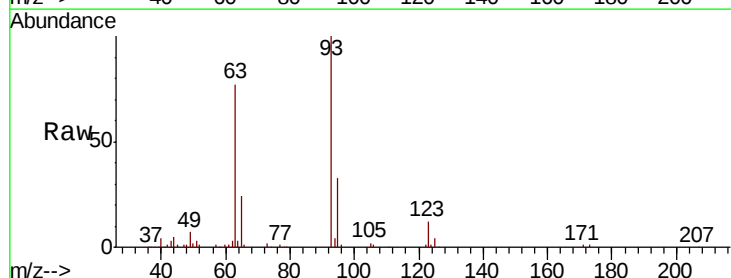
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

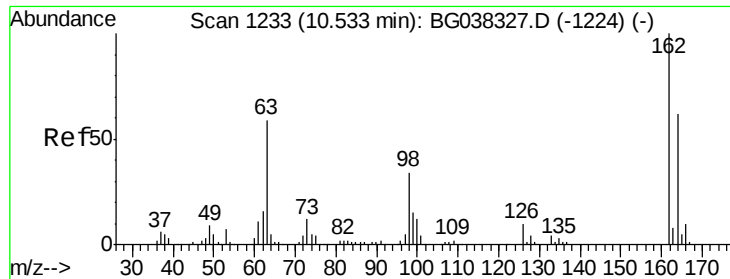
Tgt Ion: 122 Resp: 73389
 Ion Ratio Lower Upper
 122 100
 107 120.9 94.2 141.2
 121 62.7 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.934 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion: 93 Resp: 94659
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.6 37.0
 123 12.0 9.1 13.7

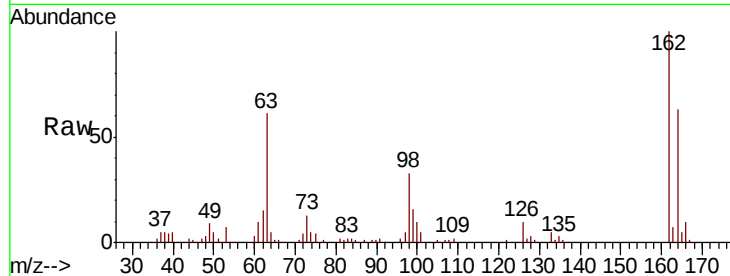




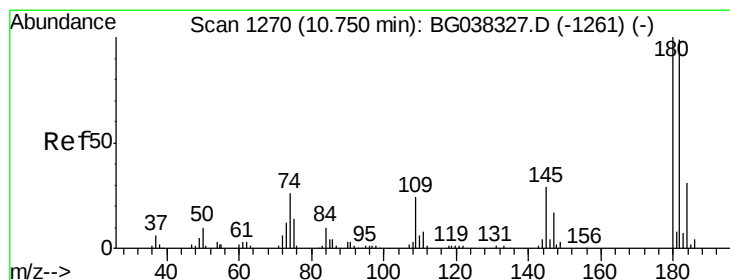
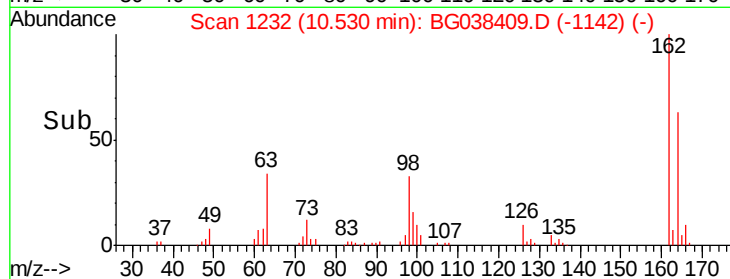
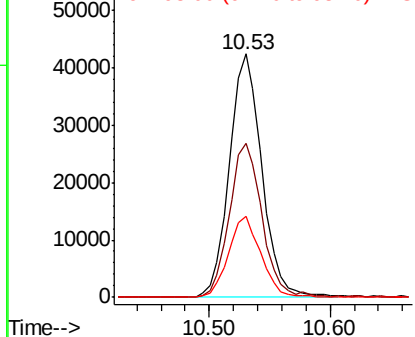
#29
 2,4-Dichlorophenol
 Concen: 49.286 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion:162 Resp: 79544
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 33.2 16.0 56.0

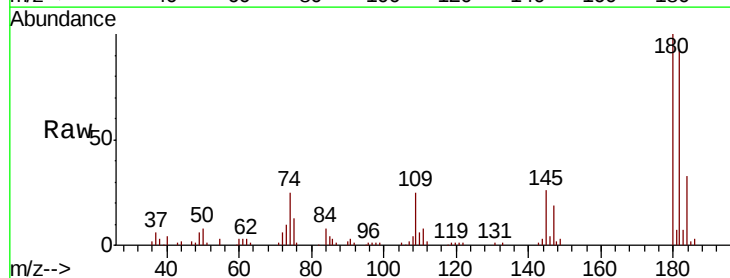


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

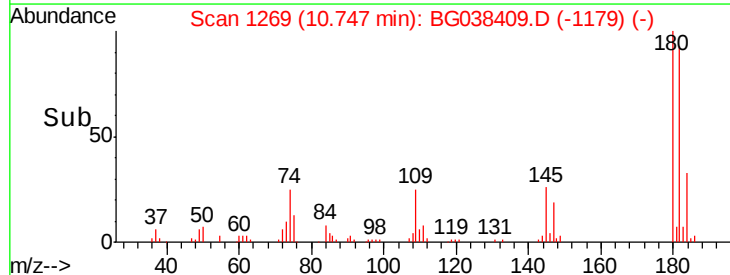
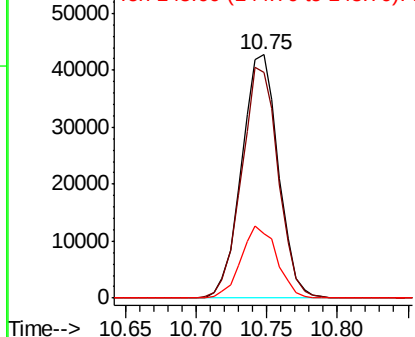


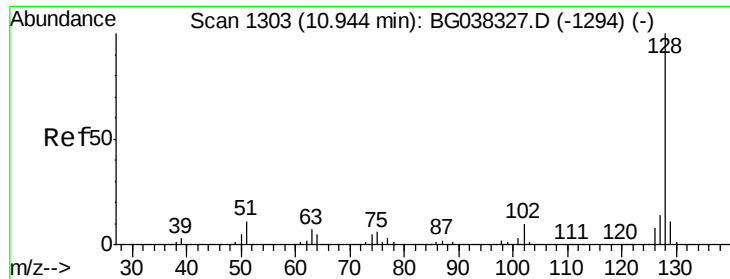
#30
 1,2,4-Trichlorobenzene
 Concen: 41.039 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:180 Resp: 77751
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.7 116.5
 145 26.2 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

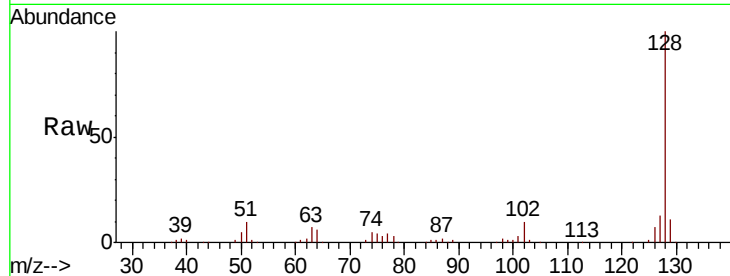




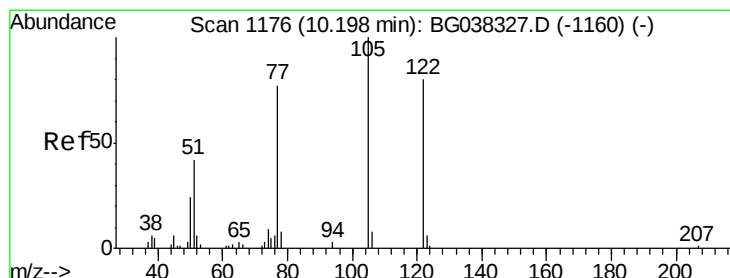
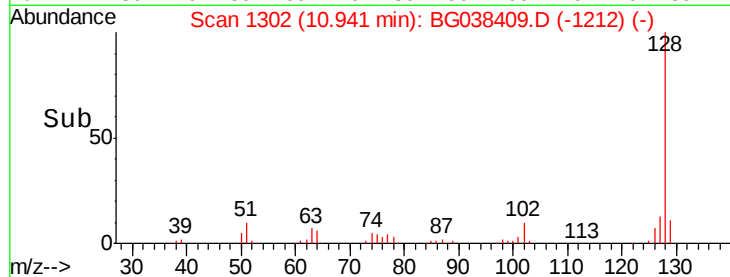
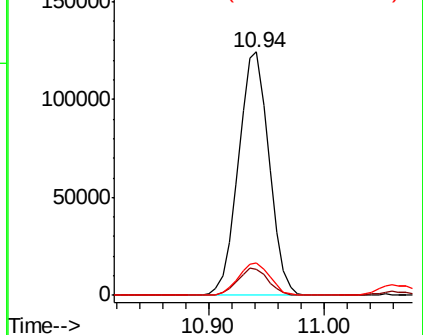
#31
Naphthalene
Concen: 46.136 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:128 Resp: 228788
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 11.1 16.7

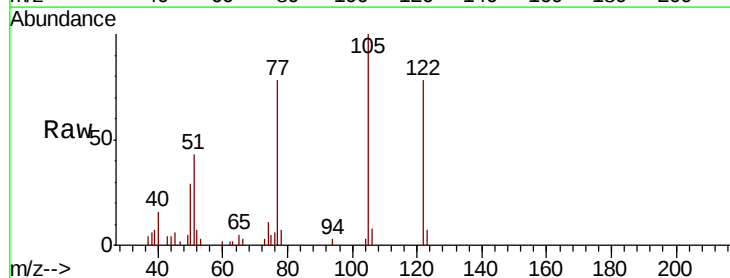


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

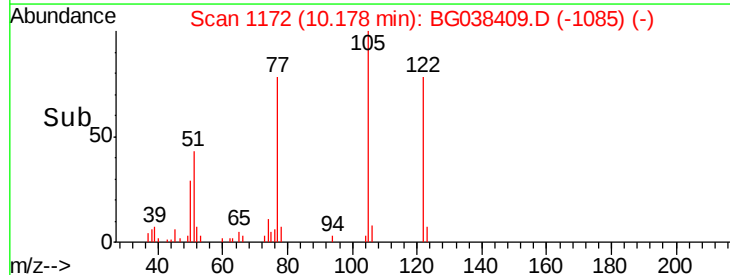
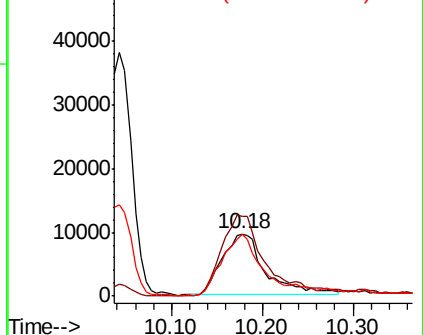


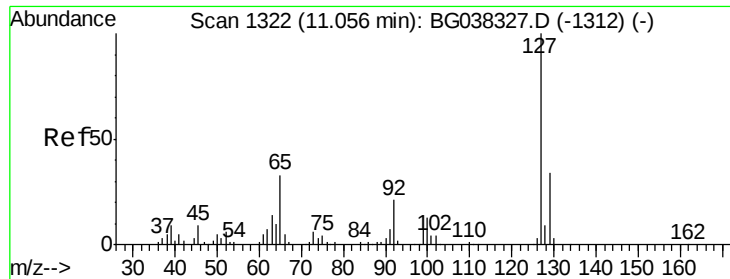
#32
Benzoic acid
Concen: 33.750 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:122 Resp: 32302
Ion Ratio Lower Upper
122 100
105 128.3 106.7 146.7
77 99.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

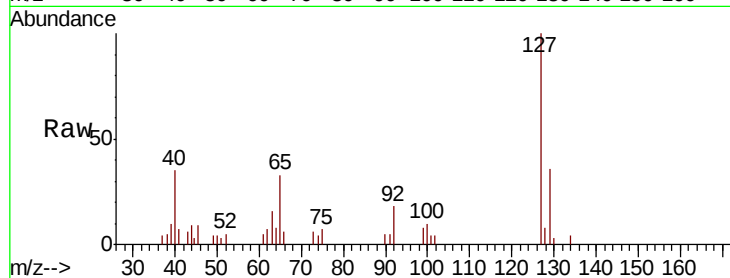




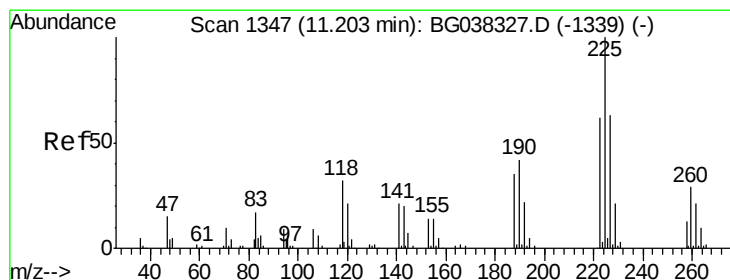
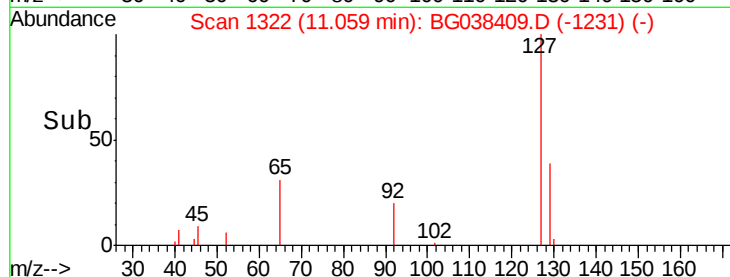
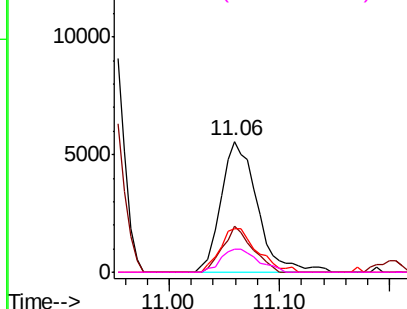
#33
4-Chloroaniline
Concen: 5.816 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:	127	Resp:	12767
Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.1	40.7
65	33.0	26.6	39.8
92	17.8	16.4	24.6

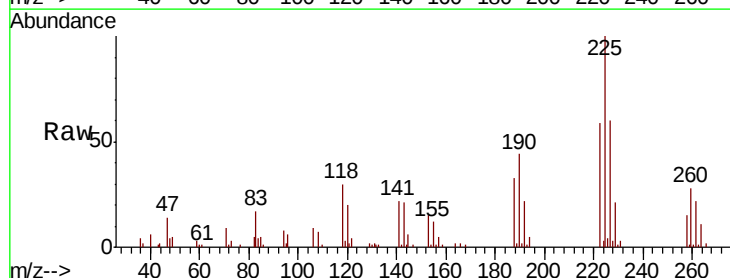


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

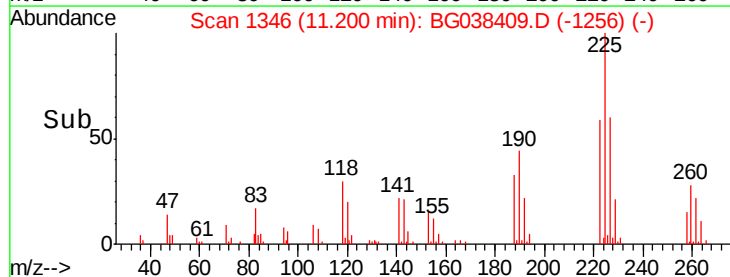
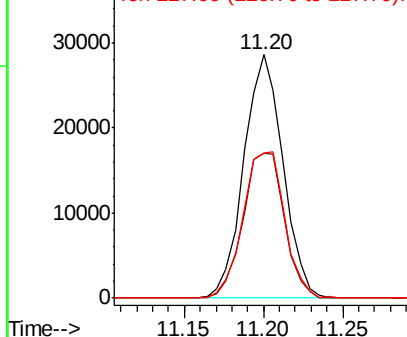


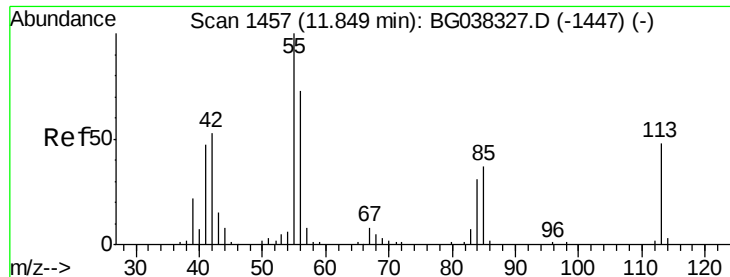
#34
Hexachlorobutadiene
Concen: 41.339 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:	225	Resp:	48997
Ion	Ratio	Lower	Upper
225	100		
223	57.3	48.2	72.4
227	60.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.471 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

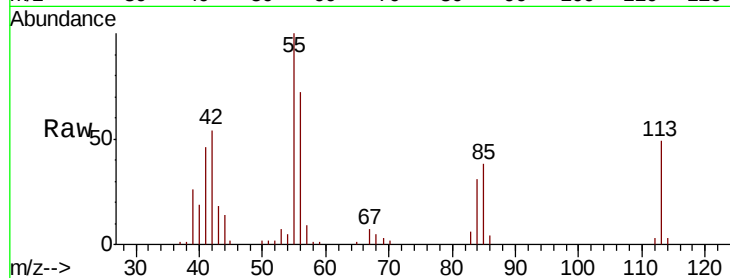
Tgt Ion:113 Resp: 14330

Ion Ratio Lower Upper

113 100

55 202.9 176.6 216.6

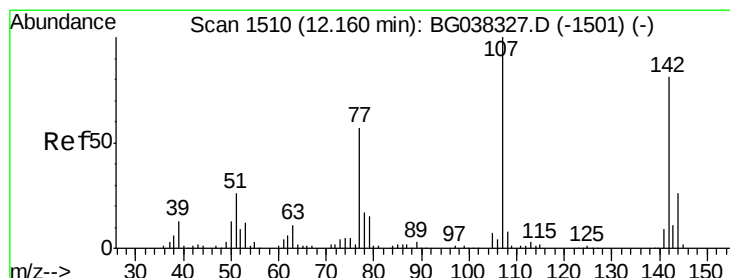
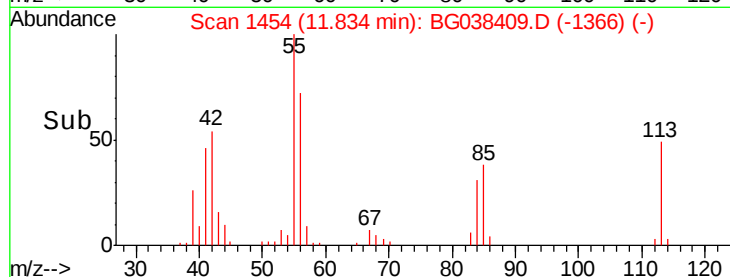
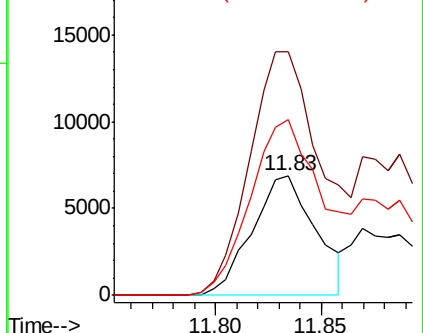
56 146.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 54.847 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

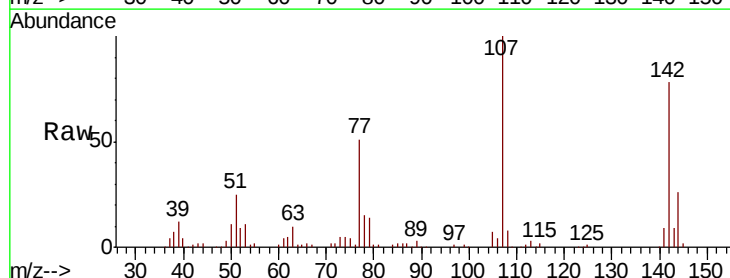
Tgt Ion:107 Resp: 98352

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

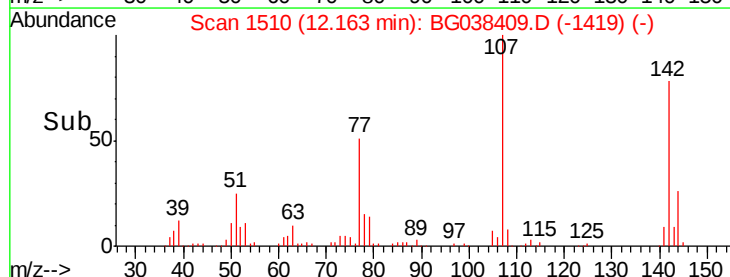
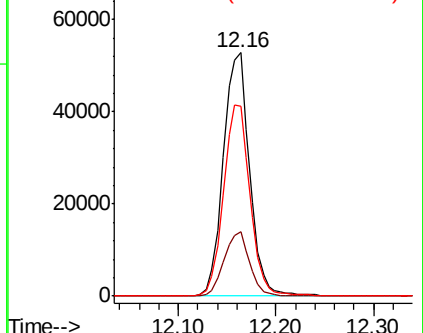
142 77.8 64.4 96.6

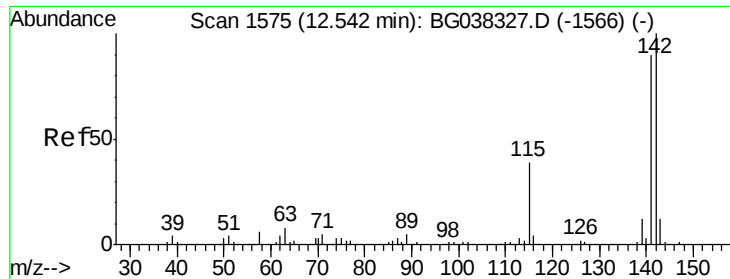


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

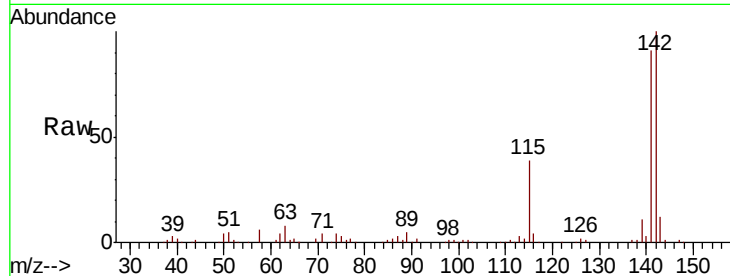




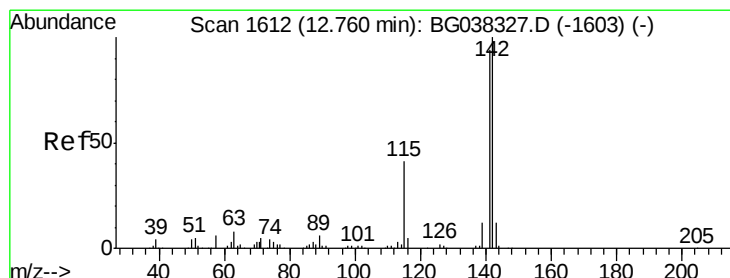
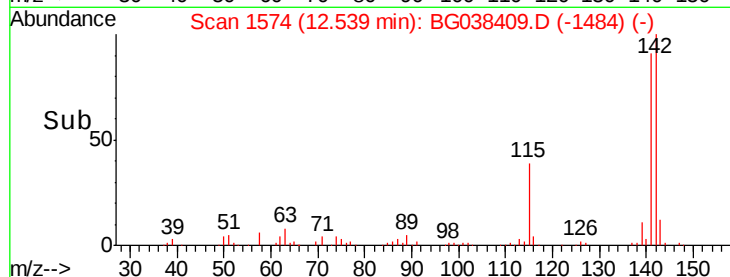
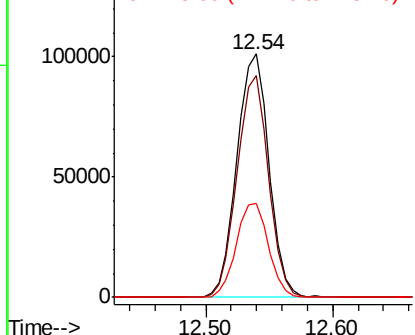
#37
2-Methylnaphthalene
Concen: 50.229 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:142 Resp: 177385
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
115 38.6 27.8 41.8

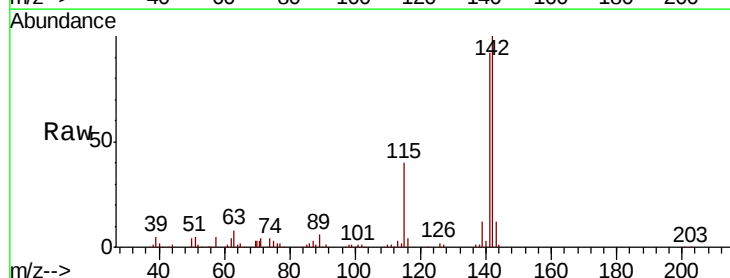


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

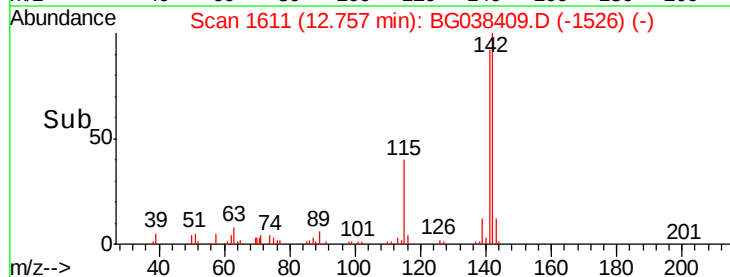
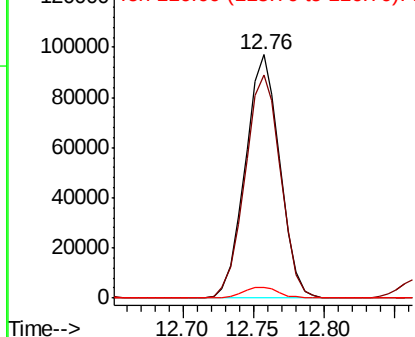


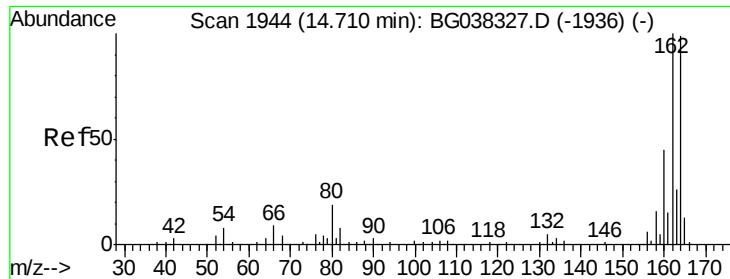
#38
1-Methylnaphthalene
Concen: 49.077 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:142 Resp: 165998
Ion Ratio Lower Upper
142 100
141 91.7 75.2 112.8
116 4.2 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

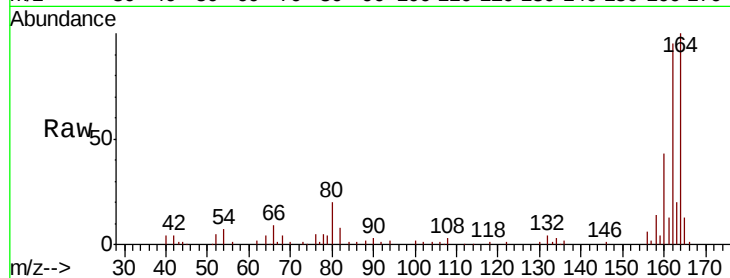
Tgt Ion:164 Resp: 69381

Ion Ratio Lower Upper

164 100

162 95.0 81.3 121.9

160 42.8 36.3 54.5

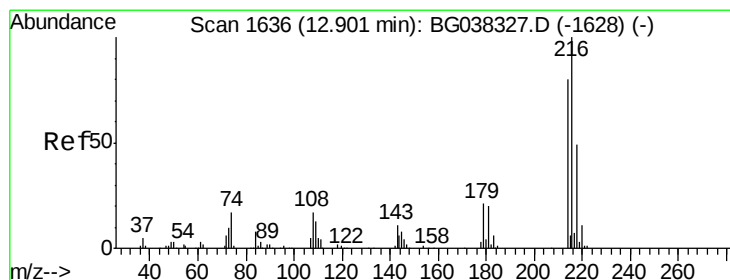
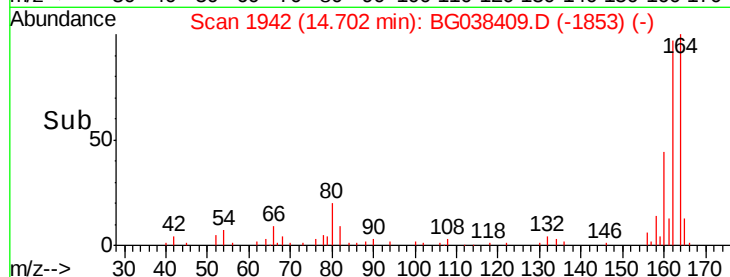
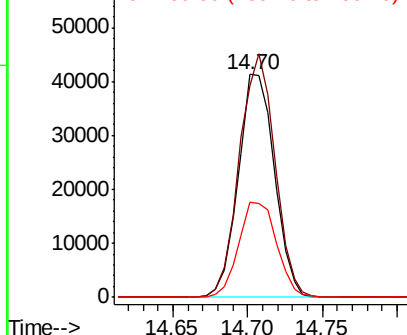


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.298 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:216 Resp: 96208

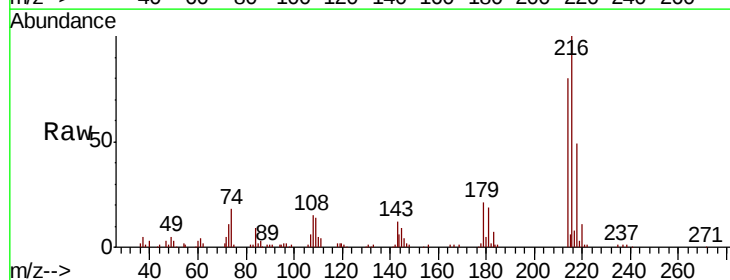
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.6 17.4 26.0

108 19.3 13.9 20.9



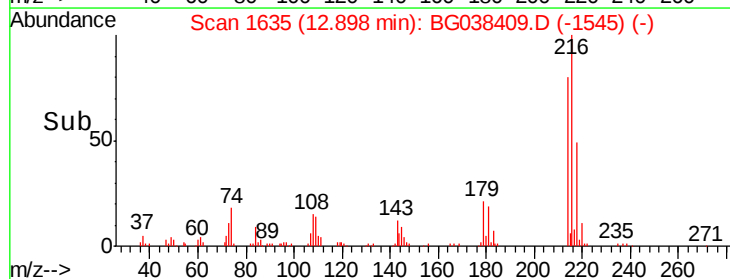
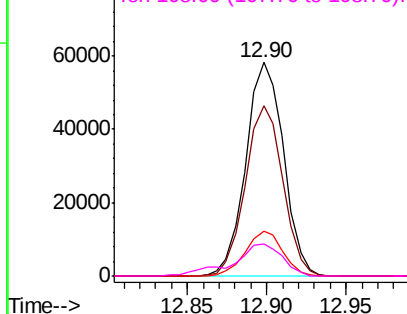
Abundance

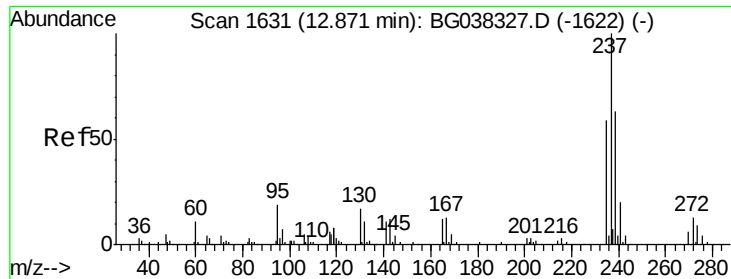
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.424 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

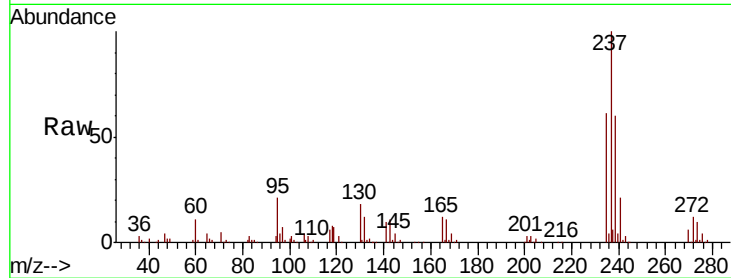
Tgt Ion: 237 Resp: 116010

Ion Ratio Lower Upper

237 100

235 61.4 42.5 82.5

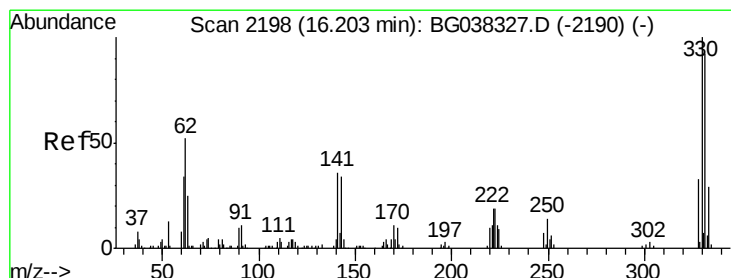
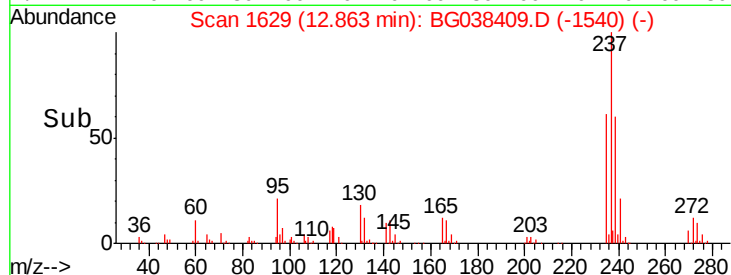
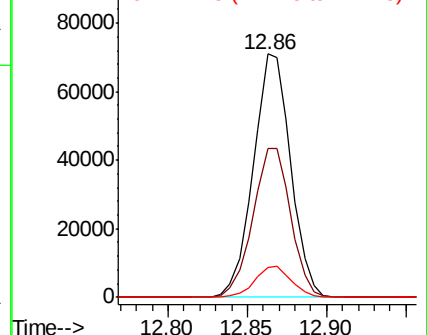
272 12.3 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.144 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

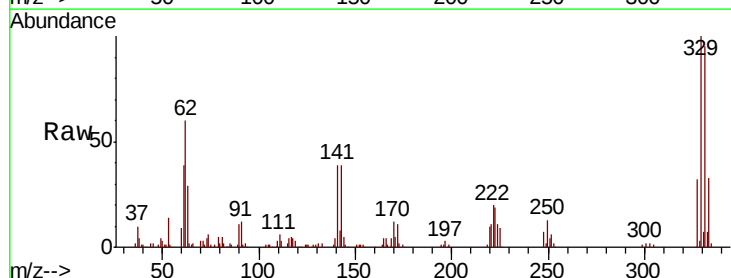
Tgt Ion: 330 Resp: 113404

Ion Ratio Lower Upper

330 100

332 93.3 78.4 117.6

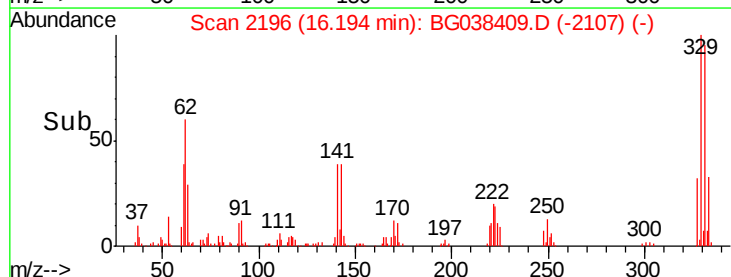
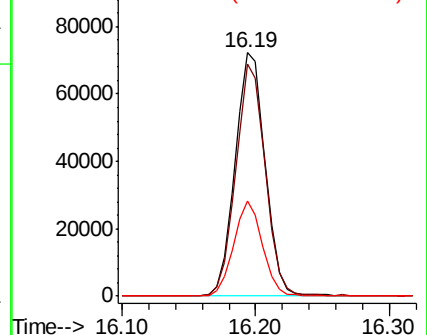
141 37.4 32.2 48.2

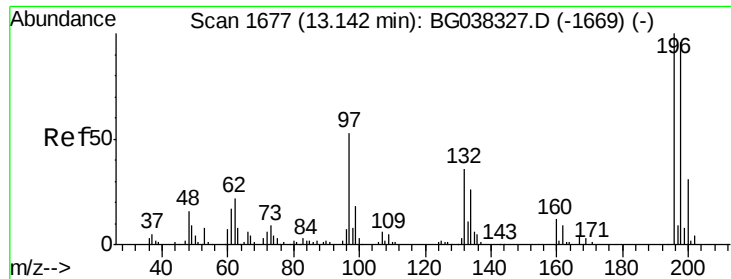


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

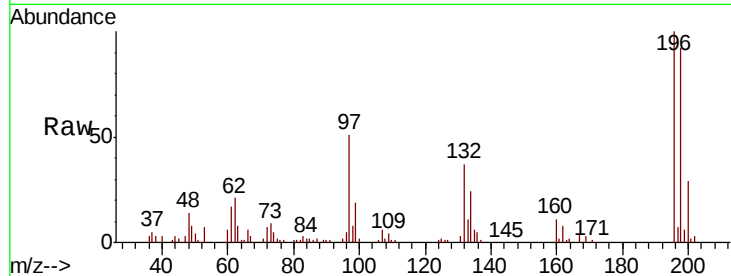




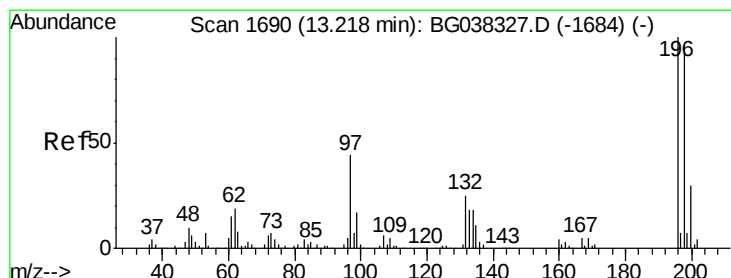
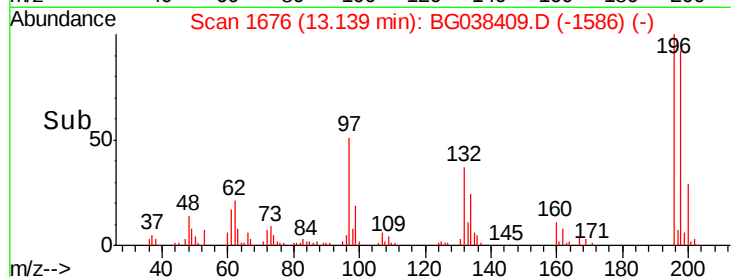
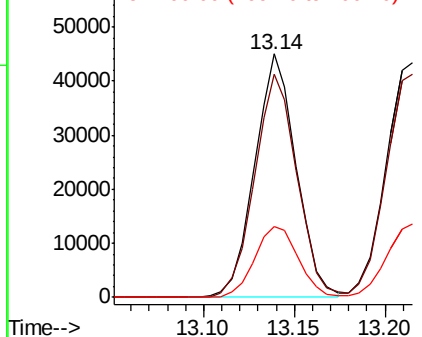
#43
 2,4,6-Trichlorophenol
 Concen: 45.982 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion:196 Resp: 71113
 Ion Ratio Lower Upper
 196 100
 198 91.6 76.4 114.6
 200 29.1 24.9 37.3

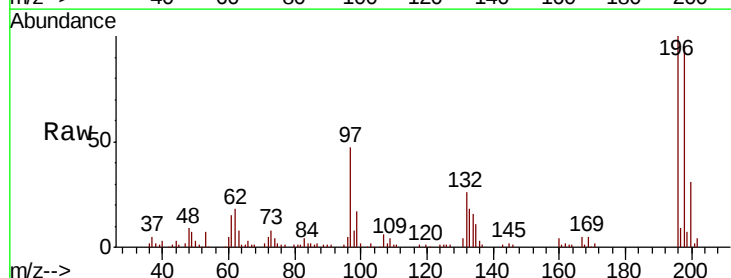


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

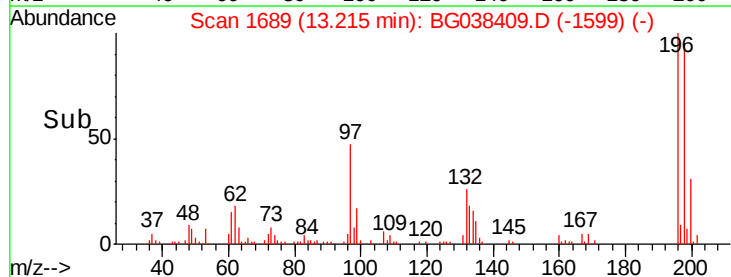
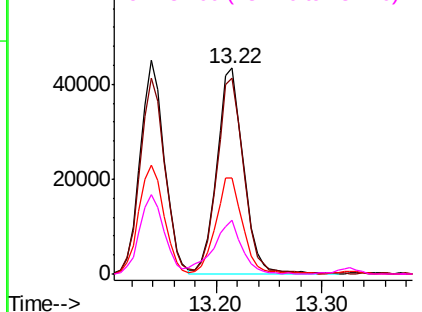


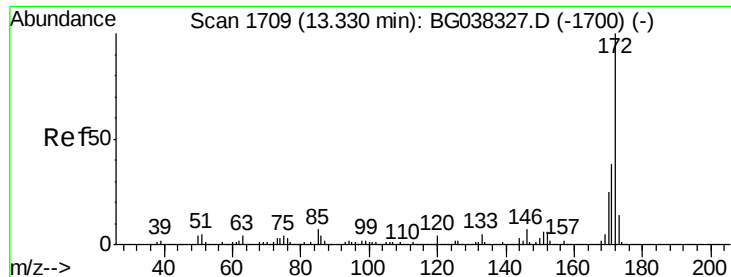
#44
 2,4,5-Trichlorophenol
 Concen: 46.841 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:196 Resp: 76743
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.2
 97 46.6 34.1 51.1
 132 26.3 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

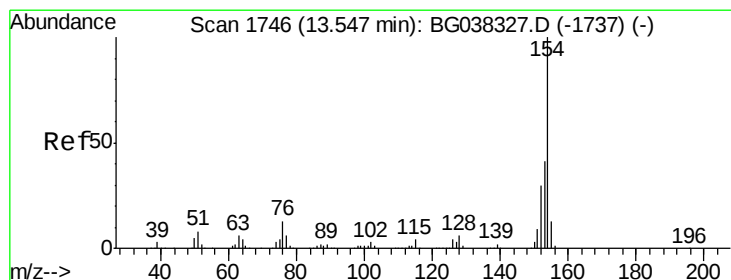
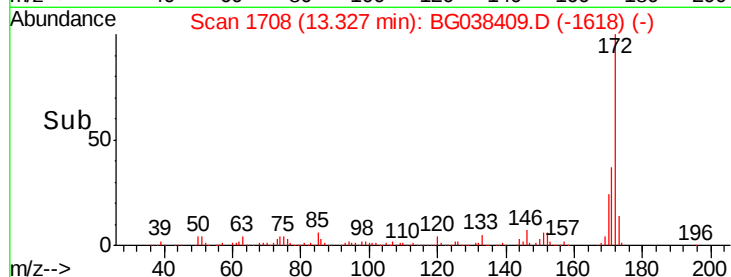
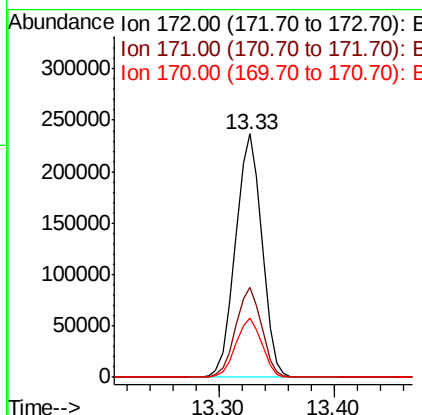
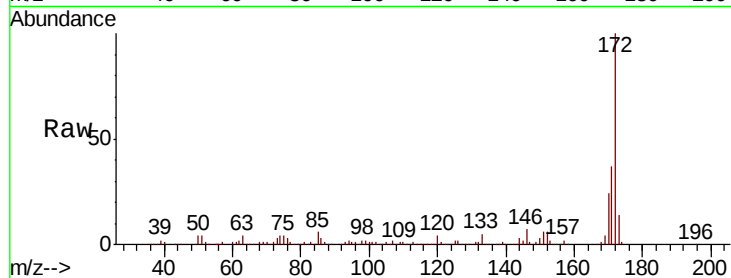




#45
2-Fluorobiphenyl
Concen: 76.669 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

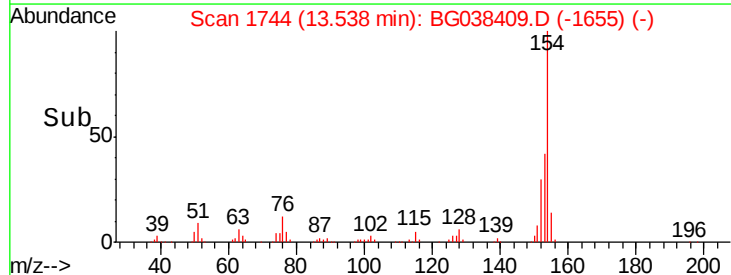
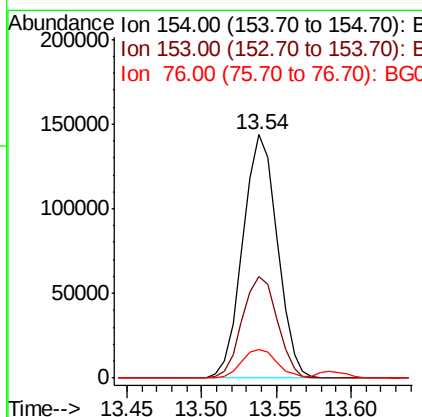
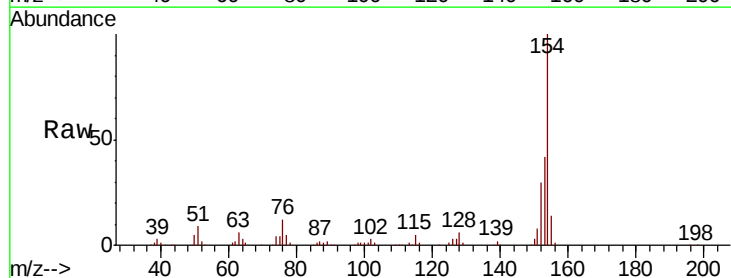
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

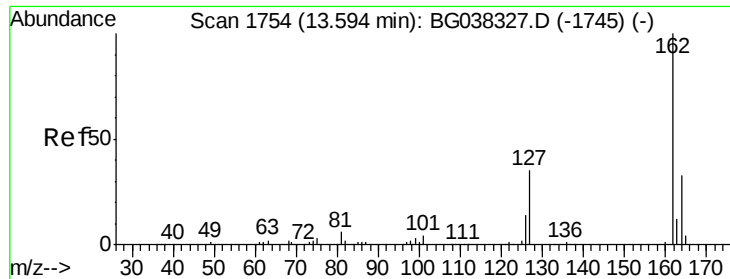
Tgt Ion:172 Resp: 373311
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.211 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:154 Resp: 229959
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 11.5 0.0 33.2

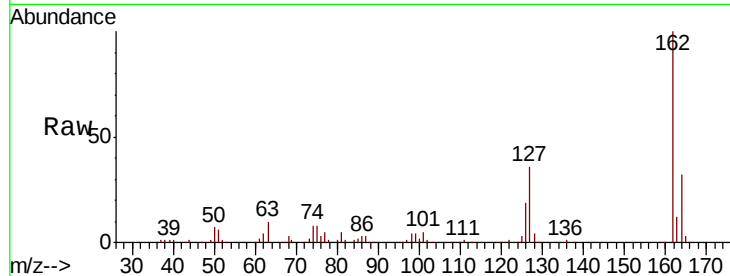




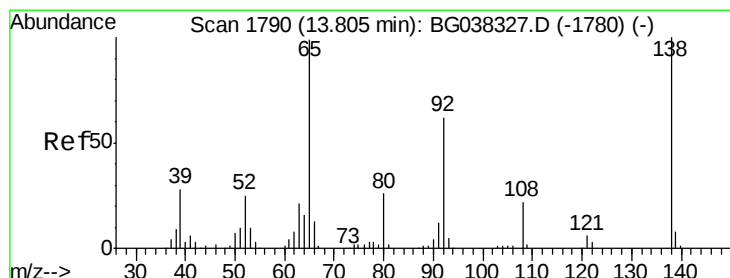
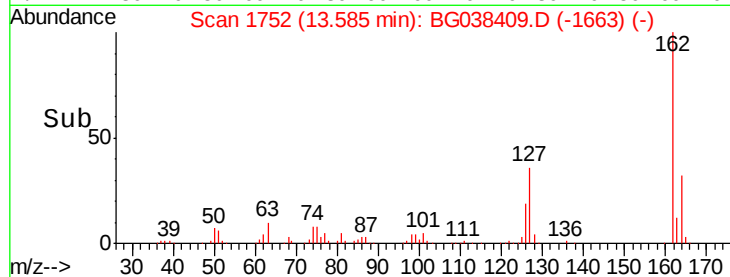
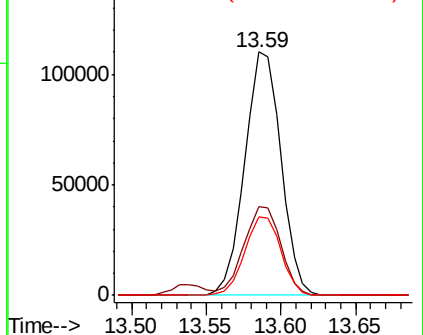
#47
 2-Chloronaphthalene
 Concen: 41.716 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion: 162 Resp: 184615
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.5 45.7
 164 32.3 26.4 39.6

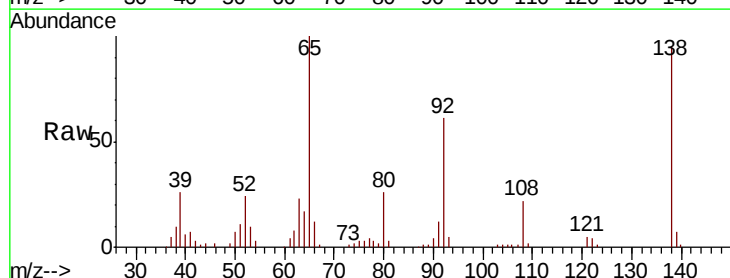


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

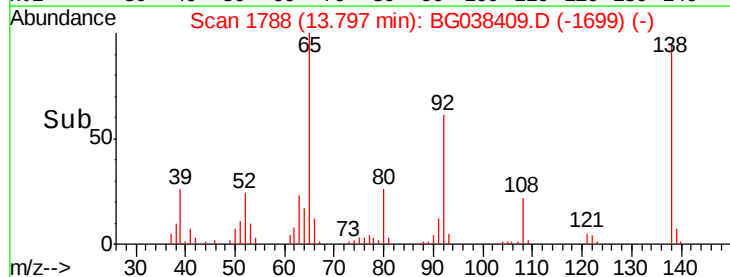
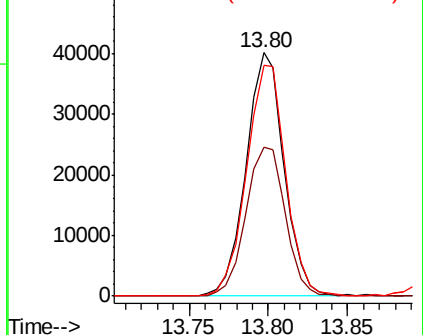


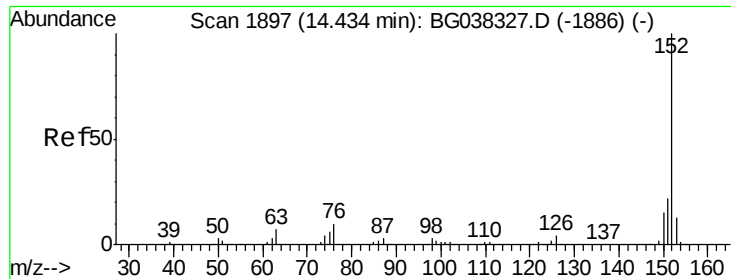
#48
 2-Nitroaniline
 Concen: 44.933 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion: 65 Resp: 66712
 Ion Ratio Lower Upper
 65 100
 92 60.9 53.2 79.8
 138 94.9 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 50000 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.951 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

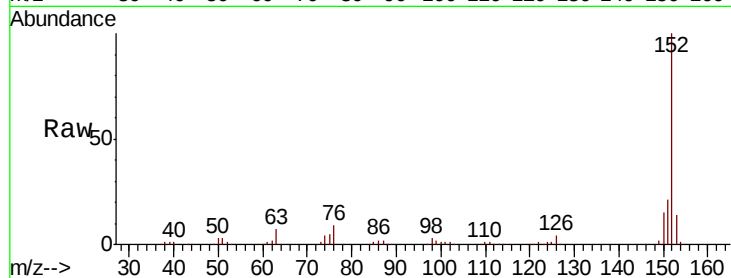
Tgt Ion:152 Resp: 306271

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

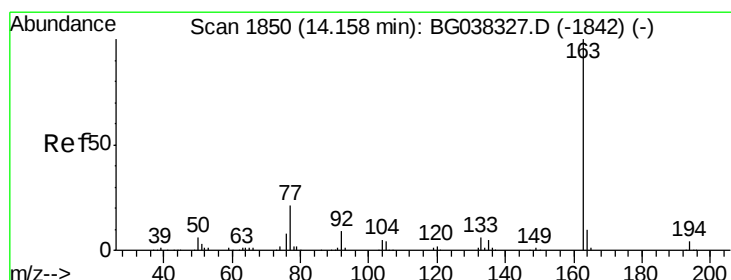
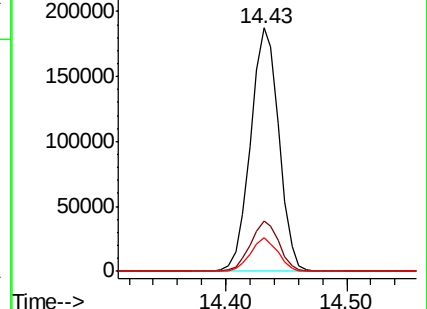
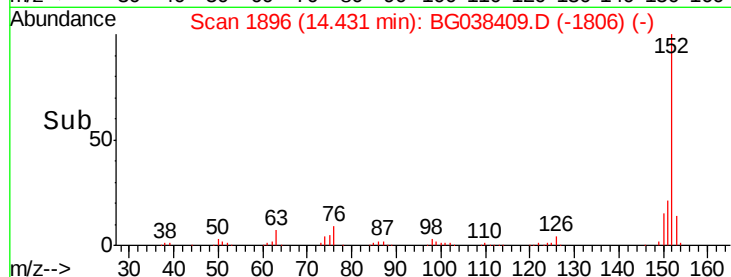
153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.331 ng

RT: 14.16 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

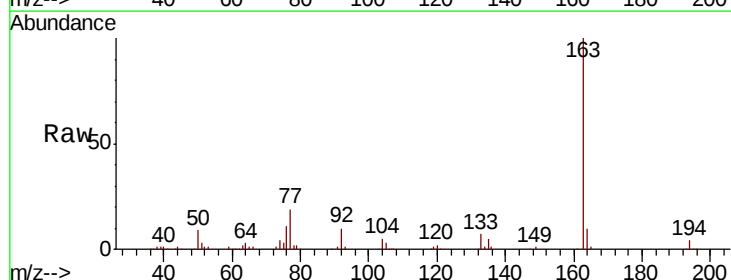
Tgt Ion:163 Resp: 252264

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

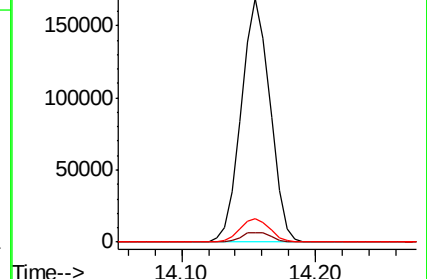
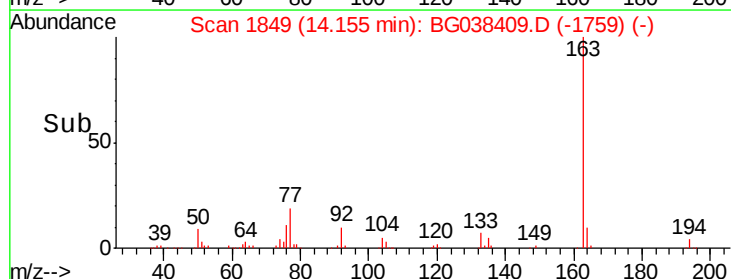
164 9.8 8.5 12.7

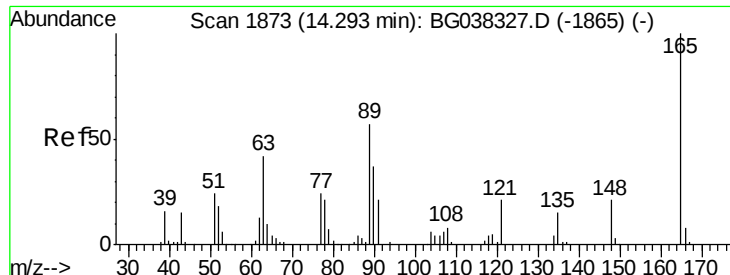


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

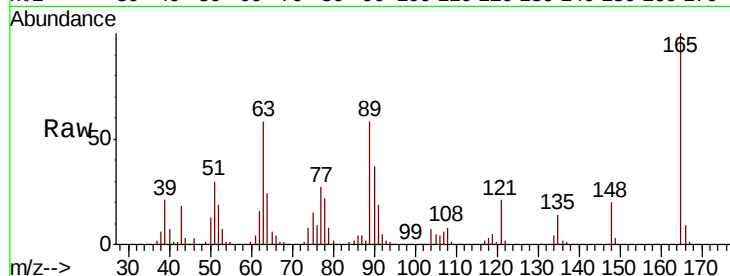




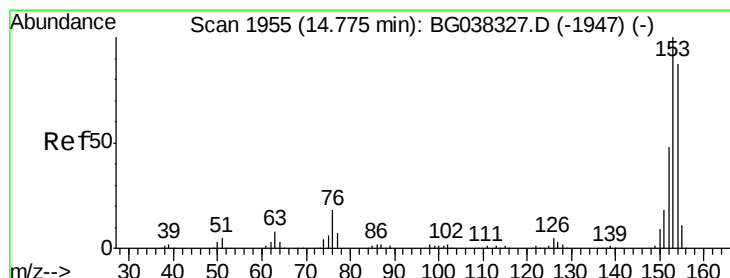
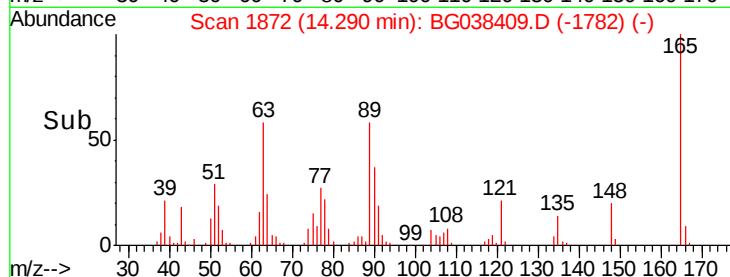
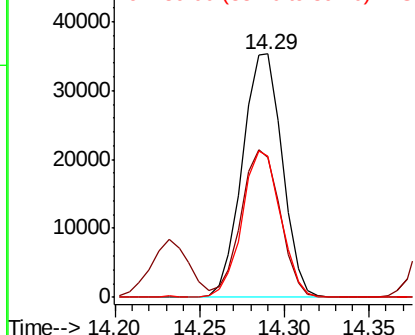
#51
 2,6-Dinitrotoluene
 Concen: 45.594 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	43.4	65.2
89	58.2	45.8	68.6

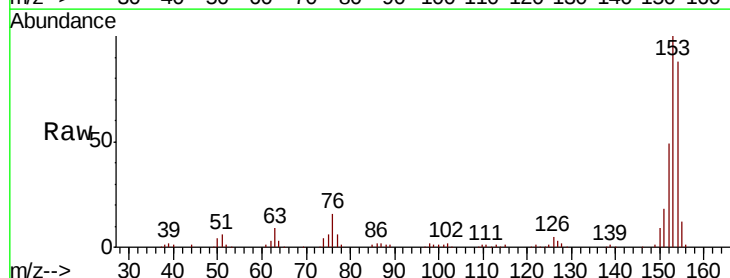


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

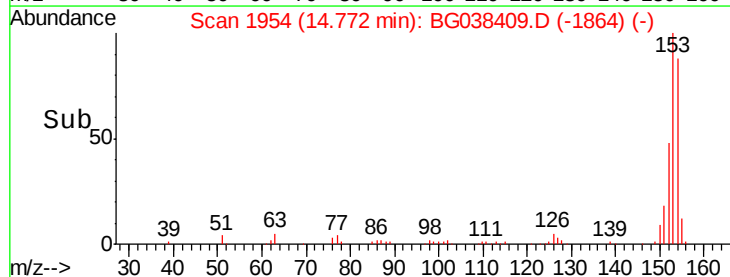
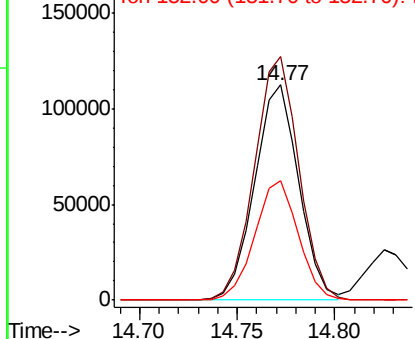


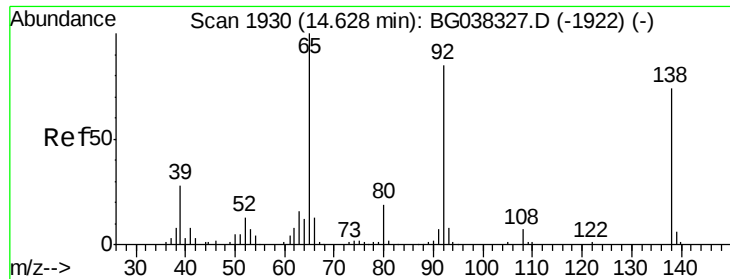
#52
 Acenaphthene
 Concen: 43.204 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	93.4	140.0
152	55.4	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.336 ng

RT: 14.63 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

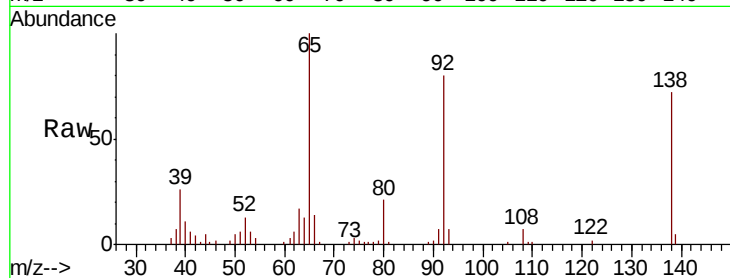
Tgt Ion:138 Resp: 26473

Ion Ratio Lower Upper

138 100

108 9.9 11.0 16.6#

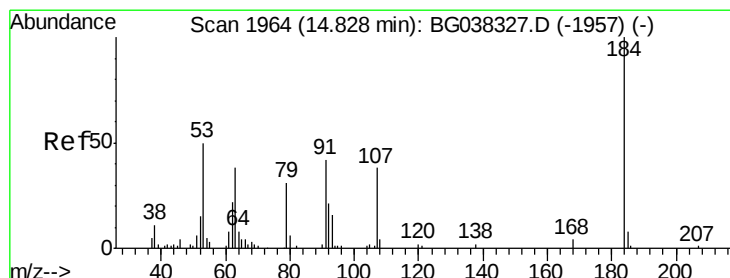
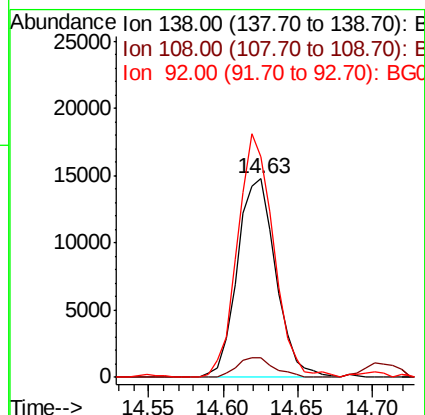
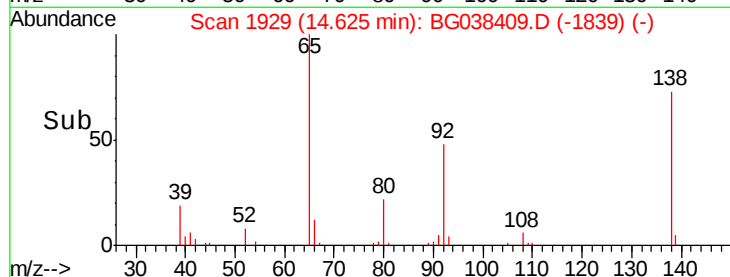
92 110.9 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 98.034 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

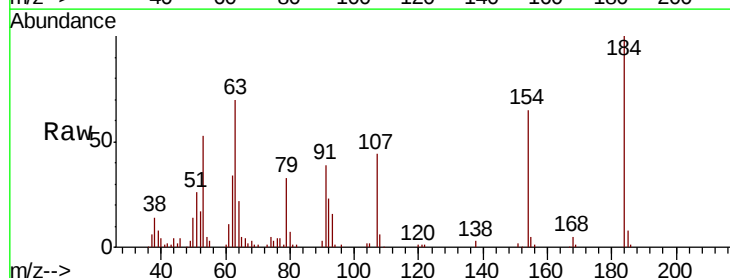
Tgt Ion:184 Resp: 68314

Ion Ratio Lower Upper

184 100

63 69.5 42.6 63.8#

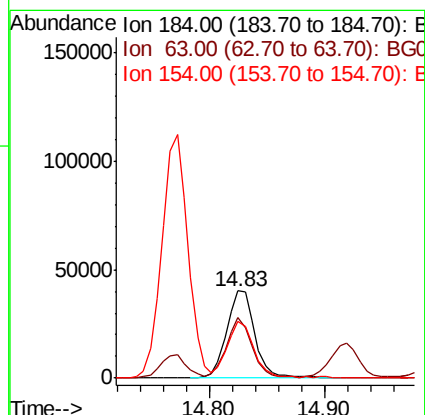
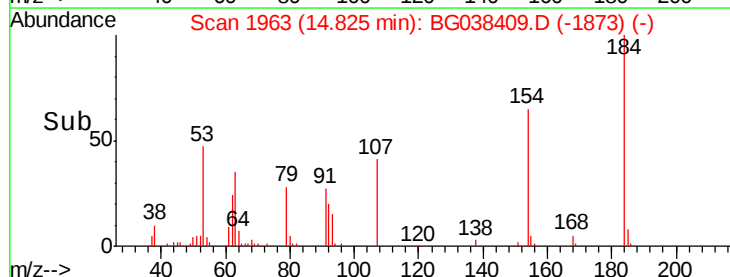
154 64.9 41.8 62.6#

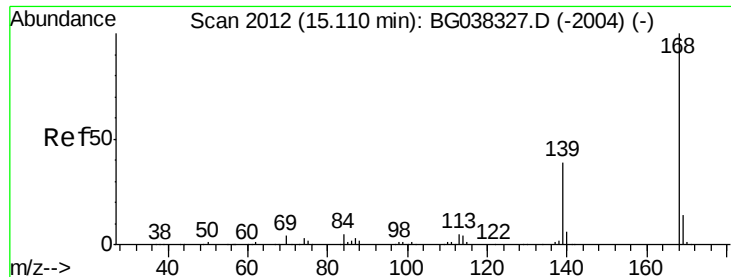


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

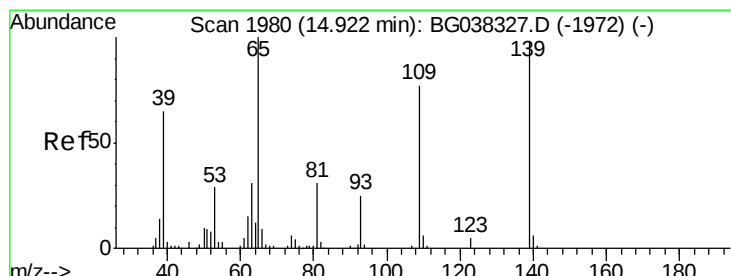
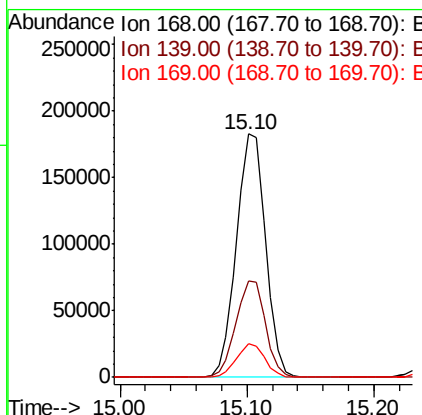
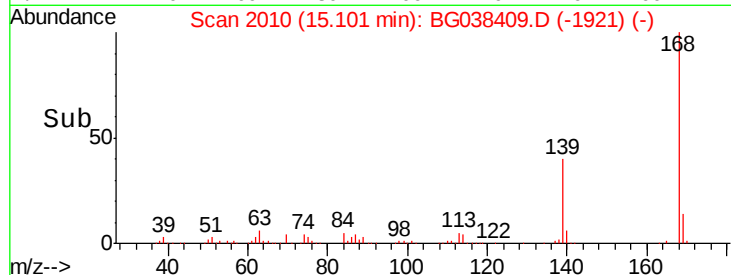
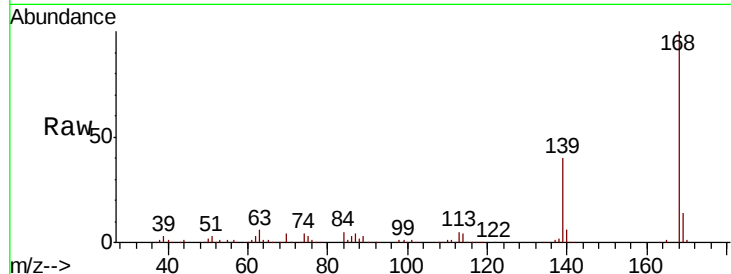




#55
Dibenzenofuran
Concen: 43.273 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

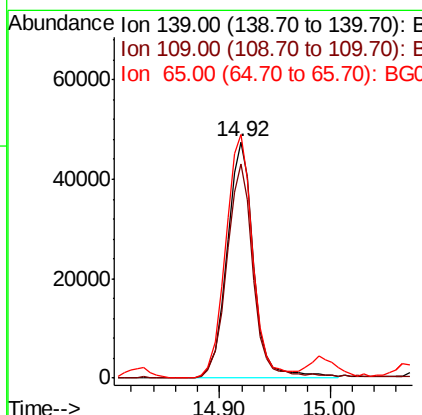
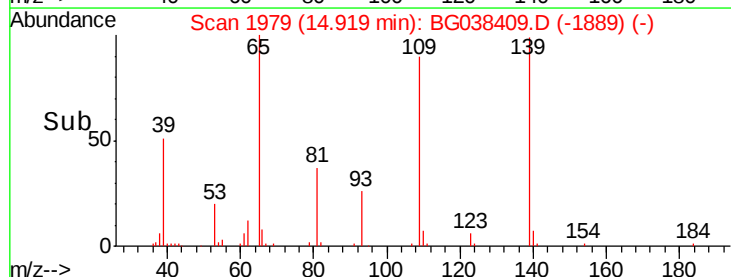
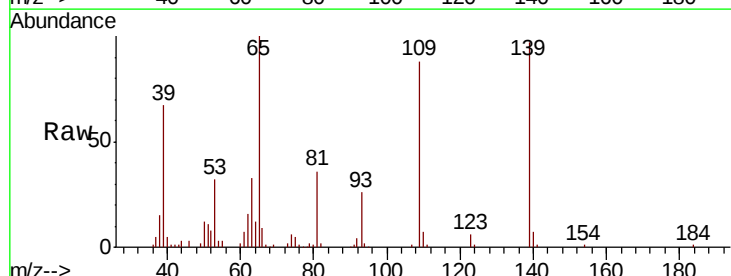
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

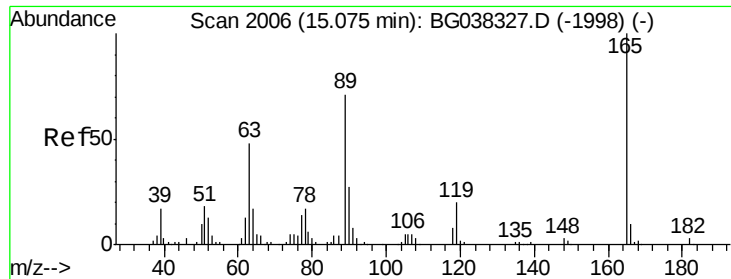
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.4	44.0
169	13.9	11.0	16.6



#56
4-Nitrophenol
Concen: 74.069 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.7	49.5	89.5#
65	103.0	76.8	116.8

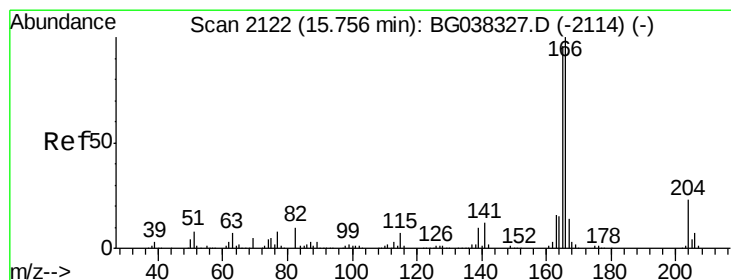
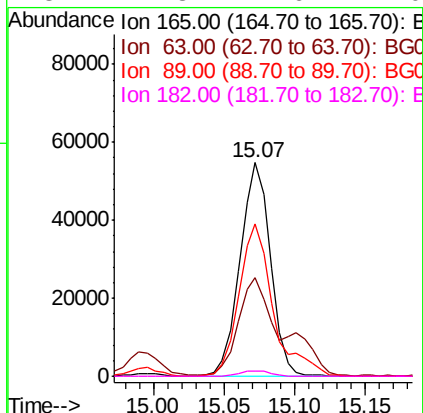
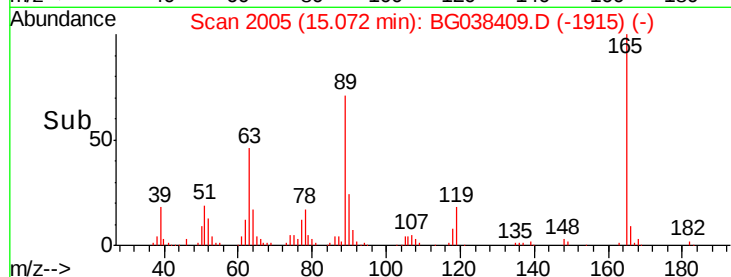
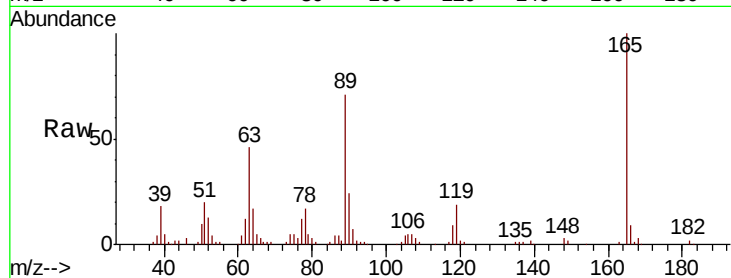




#57
2,4-Dinitrotoluene
Concen: 46.922 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

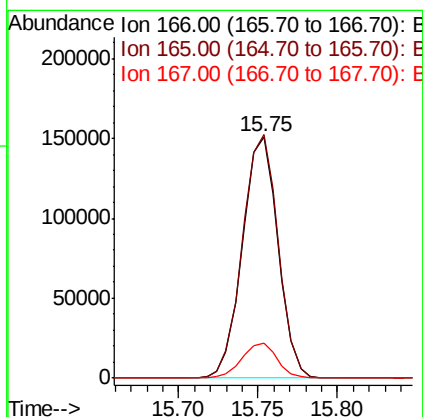
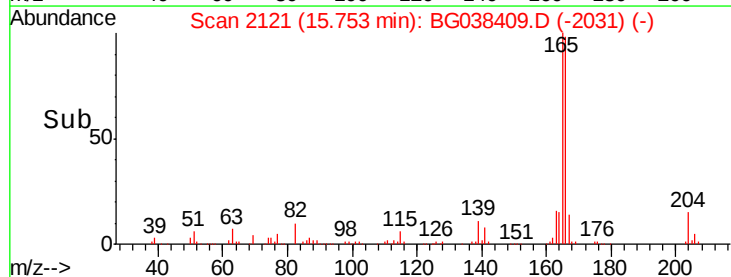
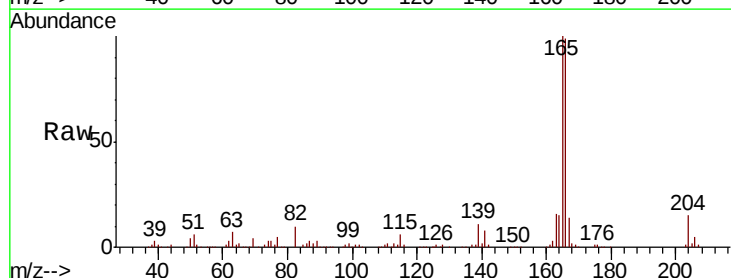
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

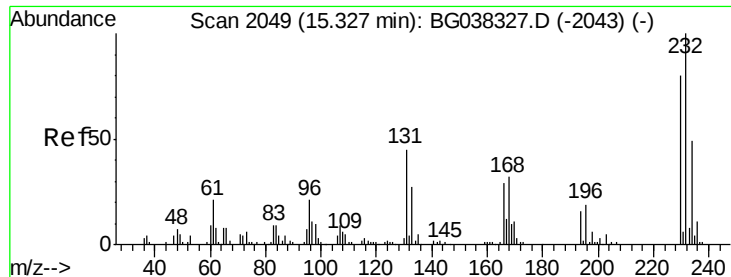
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	33.4	50.0
89	71.1	57.2	85.8
182	2.3	2.6	4.0



#58
Fluorene
Concen: 47.464 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.6
167	14.4	11.3	16.9

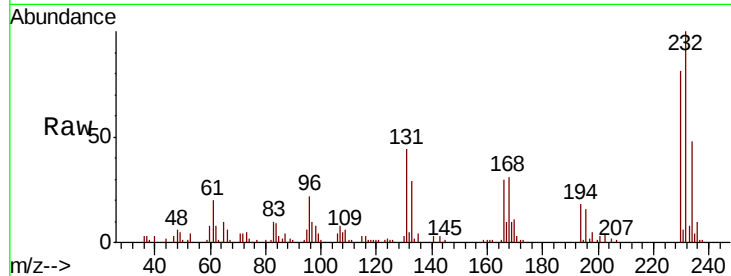




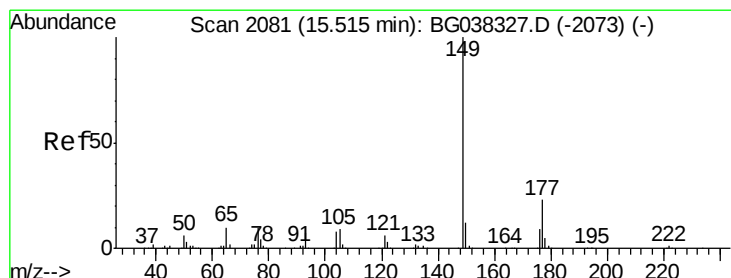
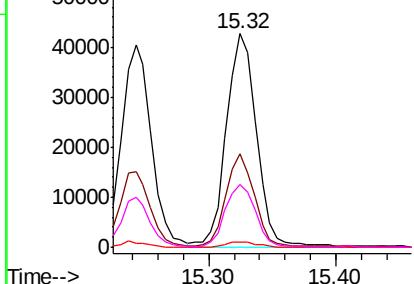
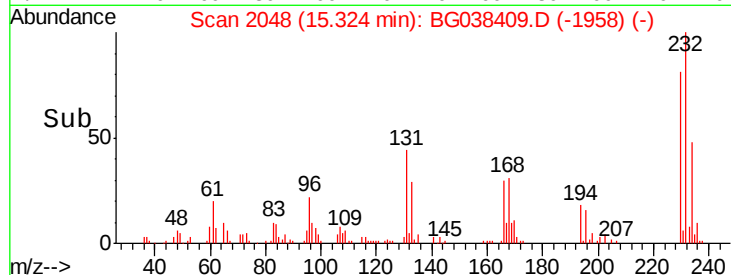
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.553 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion: 232 Resp: 70511
Ion Ratio Lower Upper
232 100
131 41.8 33.7 50.5
130 2.5 2.1 3.1
166 29.5 24.6 36.8

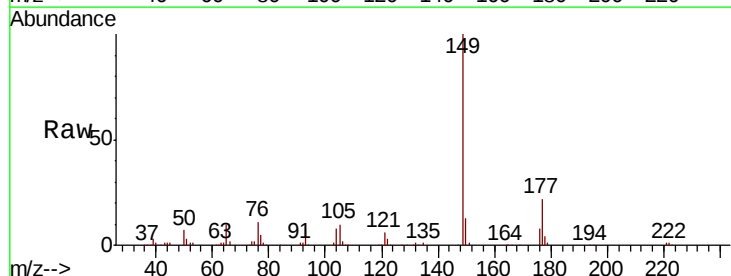


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

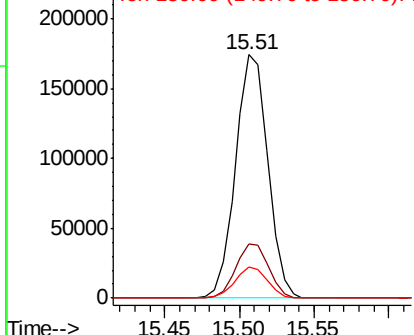
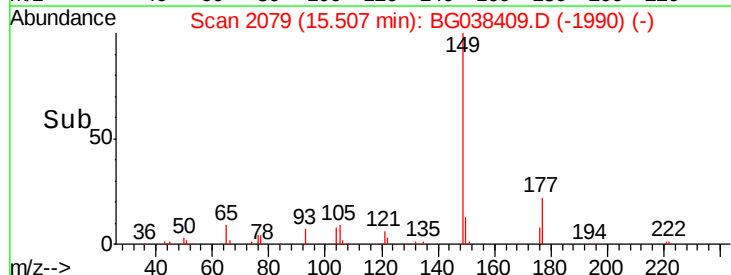


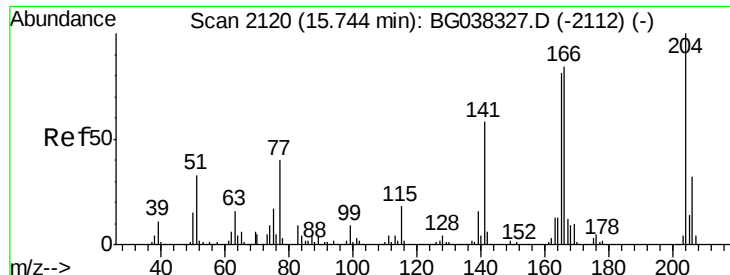
#60
Diethylphthalate
Concen: 42.536 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion: 149 Resp: 262245
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

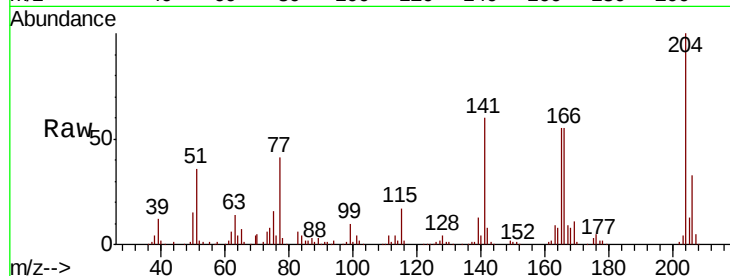




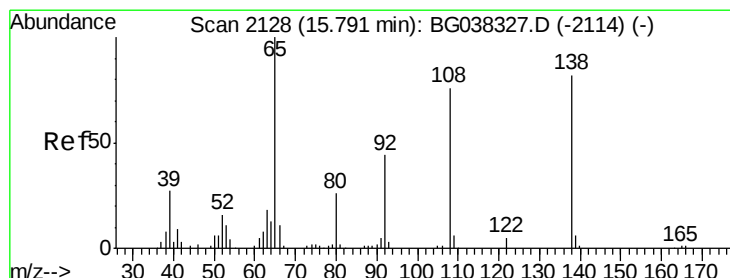
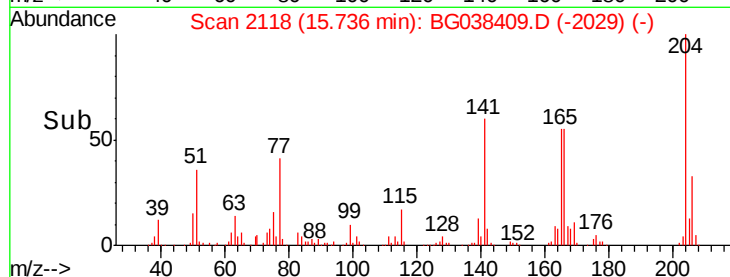
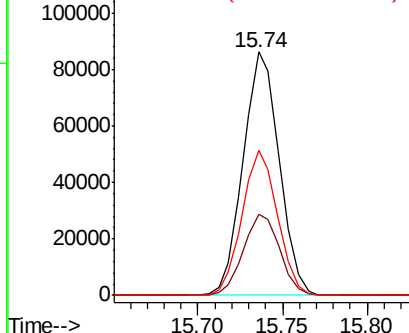
#61
4-Chlorophenyl-phenylether
Concen: 43.087 ng
RT: 15.74 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:204 Resp: 128081
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 59.5 45.4 68.2

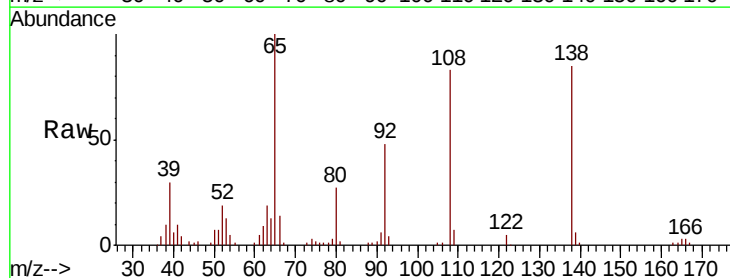


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

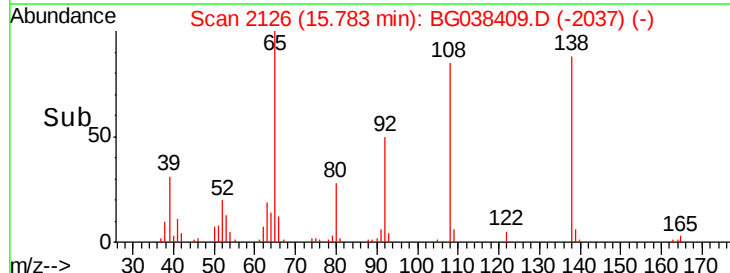
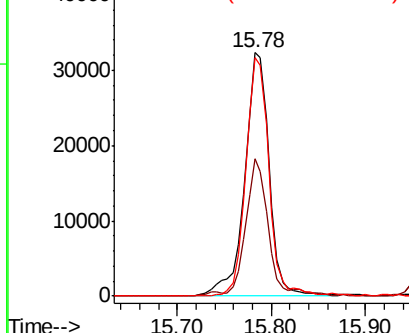


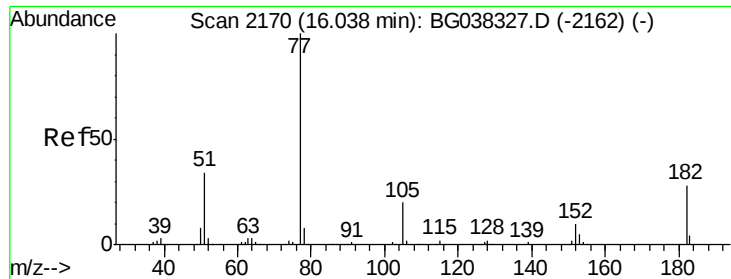
#62
4-Nitroaniline
Concen: 43.379 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:138 Resp: 58412
Ion Ratio Lower Upper
138 100
92 56.6 36.4 76.4
108 97.9 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.292 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

Tgt Ion: 77 Resp: 233593

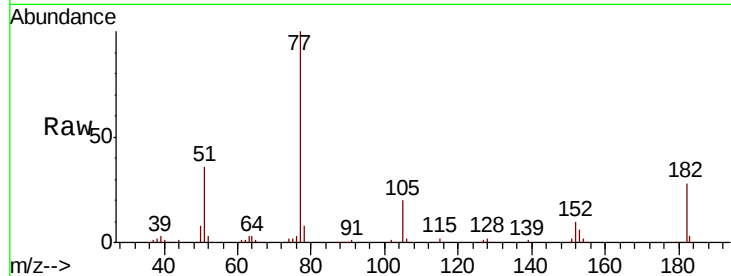
Ion Ratio Lower Upper

77 100

182 28.0 8.0 48.0

105 19.5 1.3 41.3

51 36.2 10.7 50.7

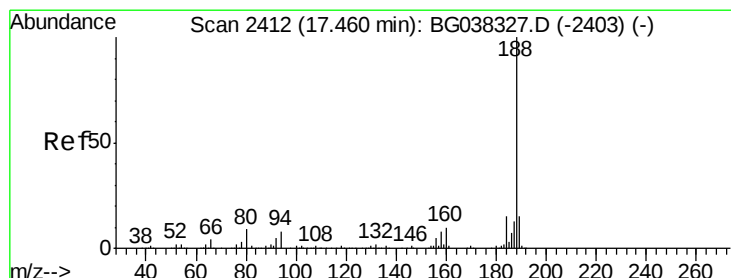
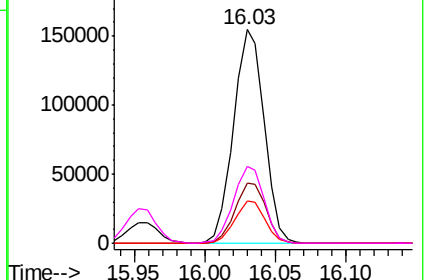
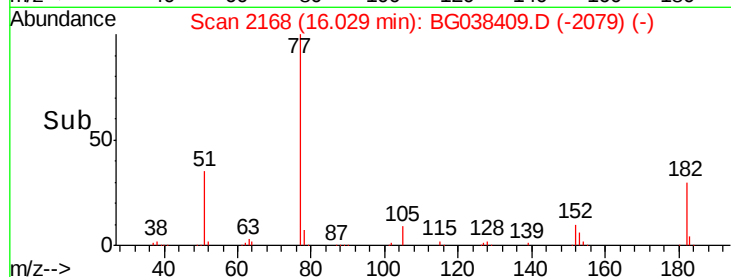


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

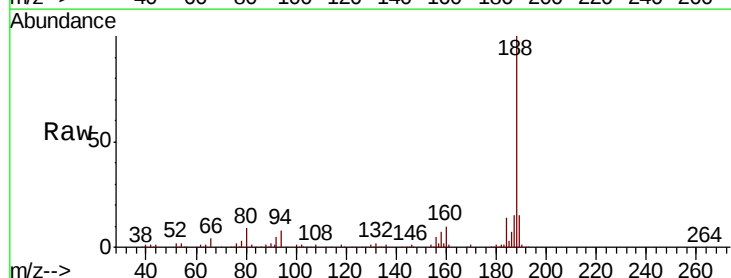
Tgt Ion: 188 Resp: 199871

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

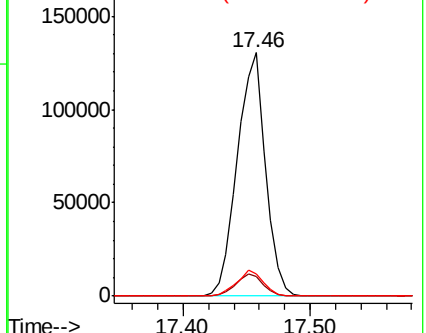
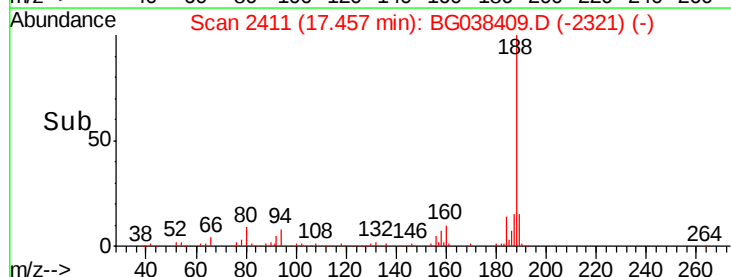
80 9.0 7.7 11.5

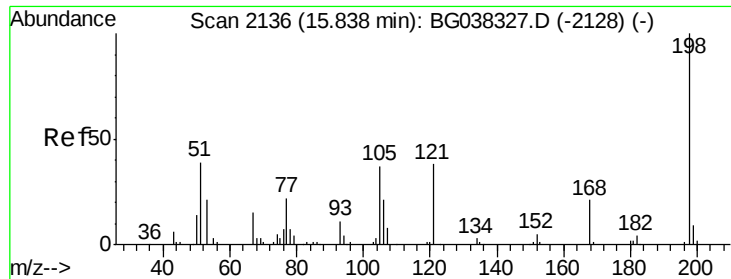


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

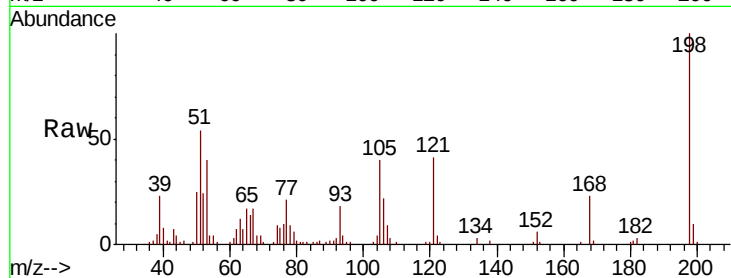




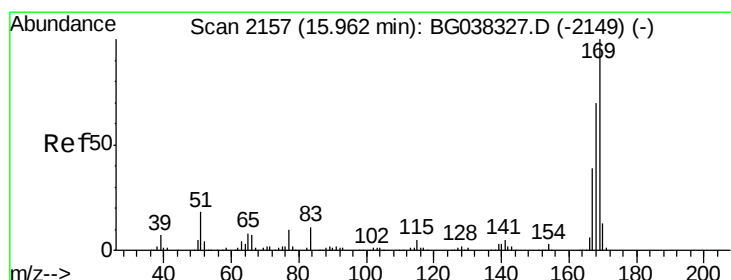
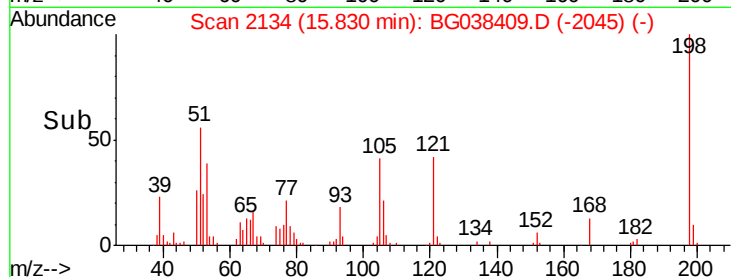
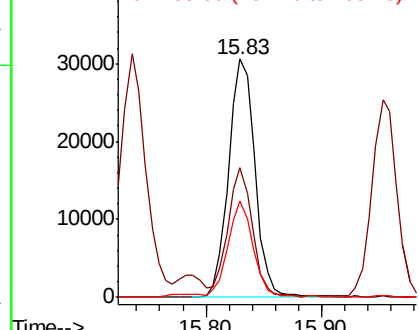
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.062 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion:198 Resp: 48536
 Ion Ratio Lower Upper
 198 100
 51 54.5 22.7 62.7
 105 40.4 19.7 59.7

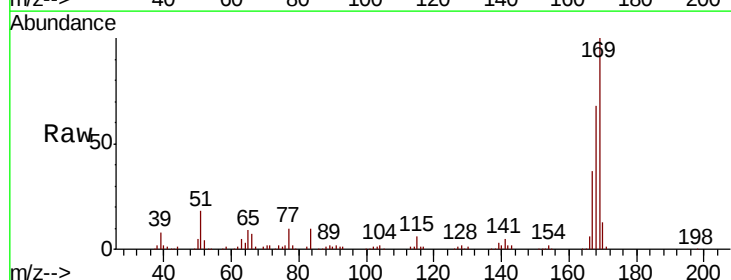


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

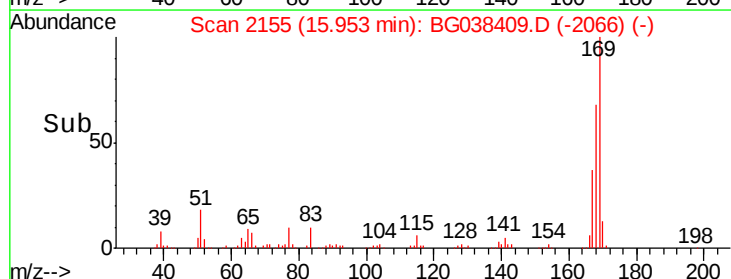
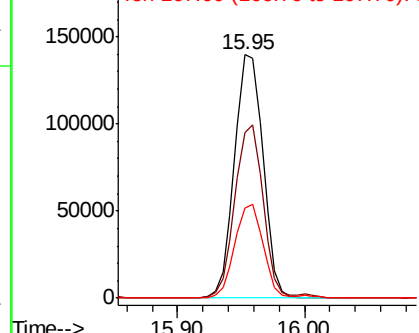


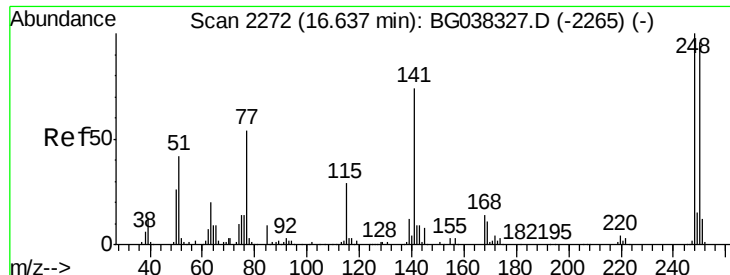
#66
 n-Nitrosodiphenylamine
 Concen: 38.579 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:169 Resp: 216831
 Ion Ratio Lower Upper
 169 100
 168 68.2 55.7 83.5
 167 36.8 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

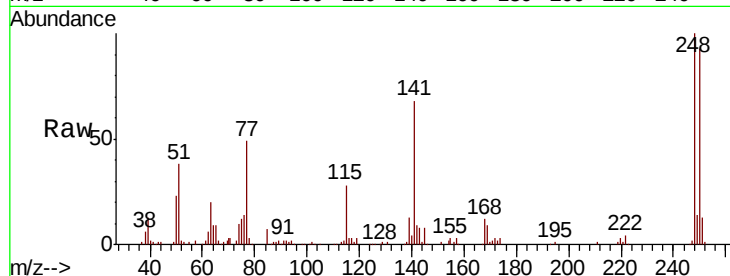




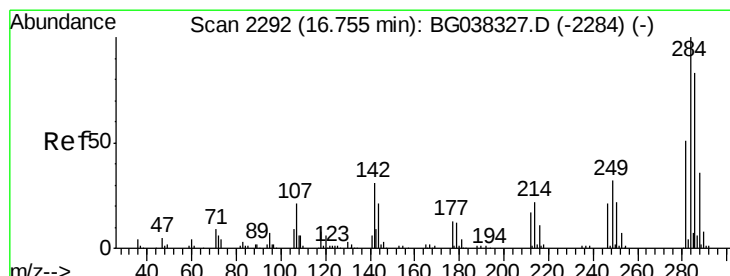
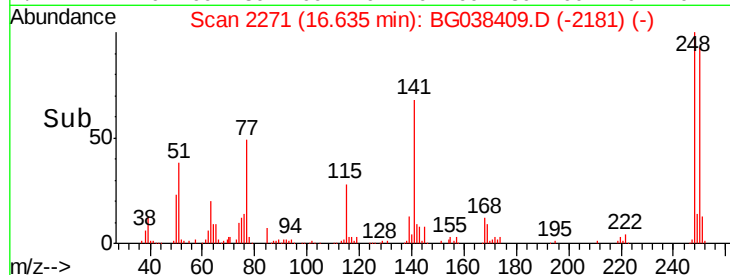
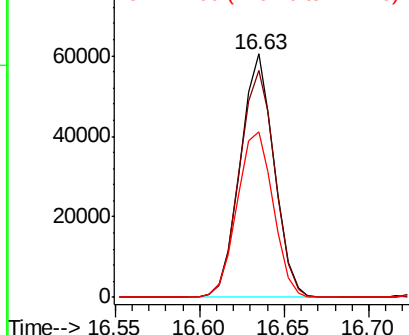
#67
 4-Bromophenyl-phenylether
 Concen: 39.094 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tgt Ion:248 Resp: 84381
 Ion Ratio Lower Upper
 248 100
 250 93.0 77.0 115.6
 141 68.0 55.5 83.3

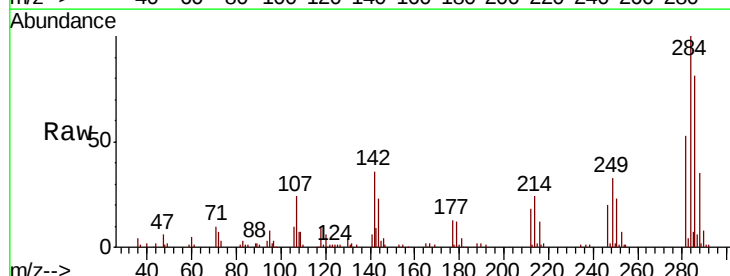


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

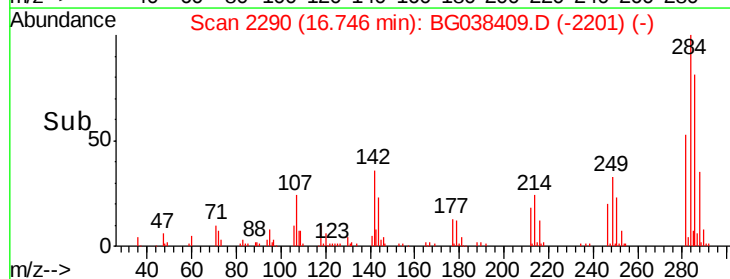
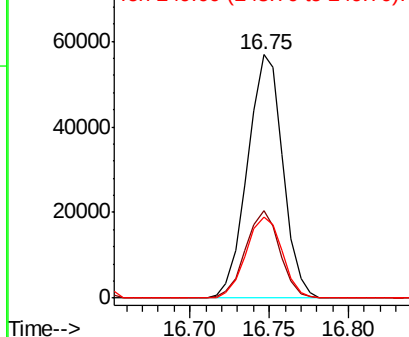


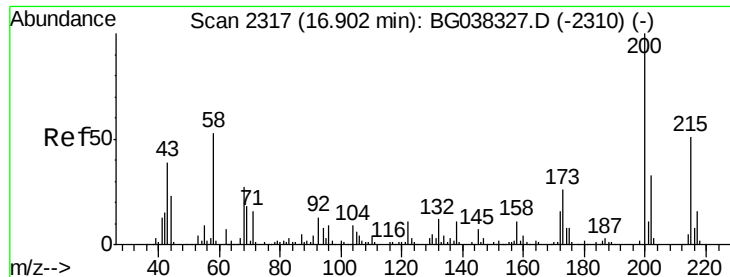
#68
 Hexachlorobenzene
 Concen: 39.590 ng
 RT: 16.75 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:284 Resp: 88139
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.1 42.1
 249 35.4 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.645 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

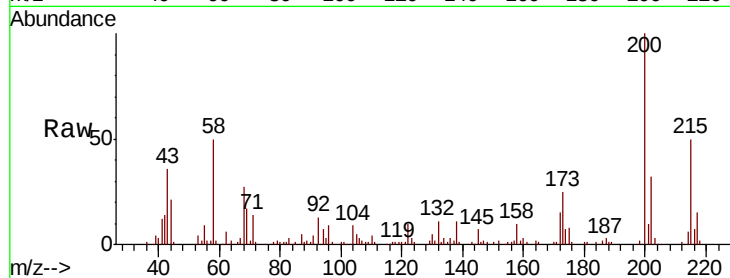
Tgt Ion:200 Resp: 89436

Ion Ratio Lower Upper

200 100

173 24.6 6.1 46.1

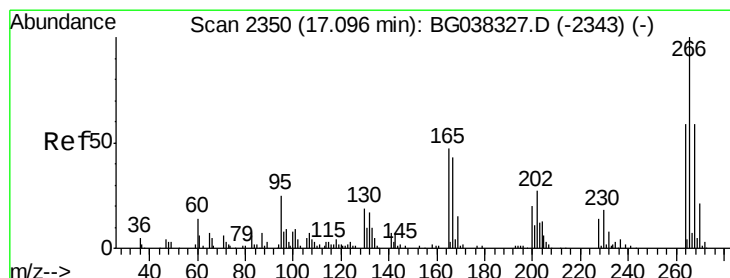
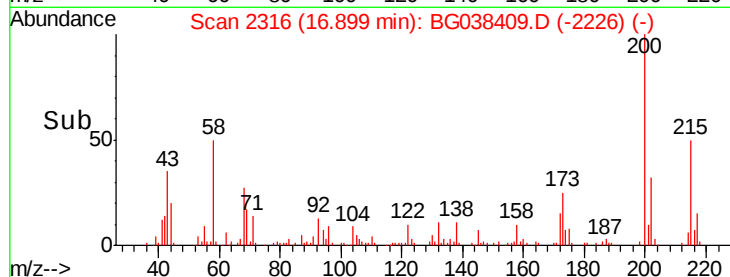
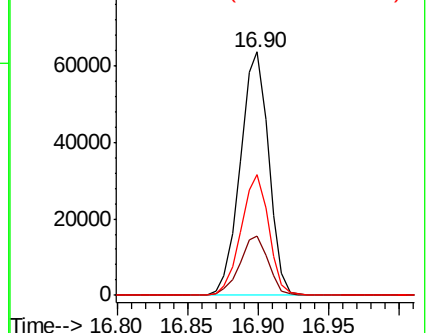
215 49.7 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.467 ng

RT: 17.09 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

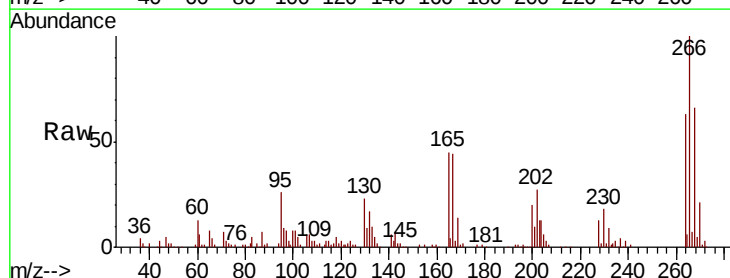
Tgt Ion:266 Resp: 107454

Ion Ratio Lower Upper

266 100

268 70.8 55.0 82.6

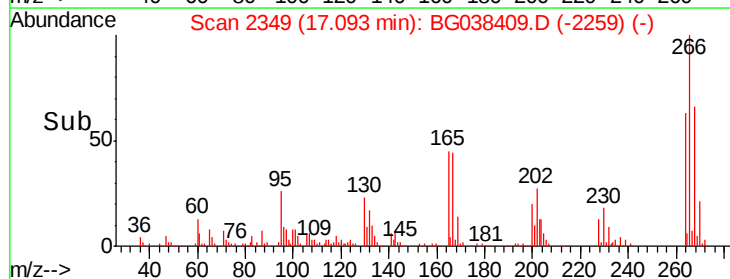
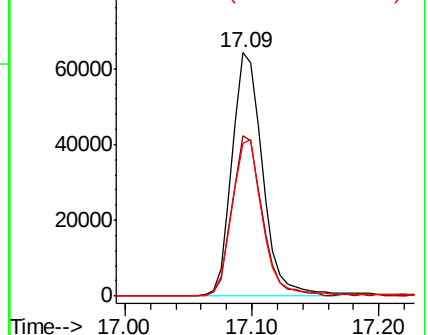
264 68.6 58.9 88.3

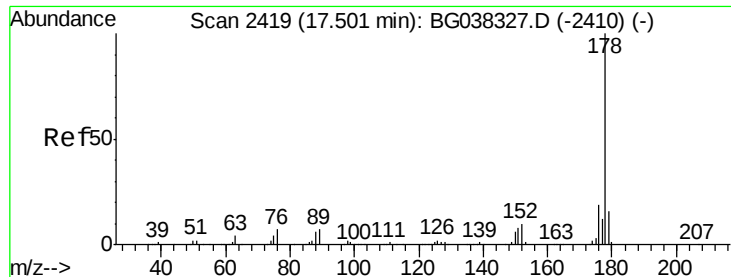


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

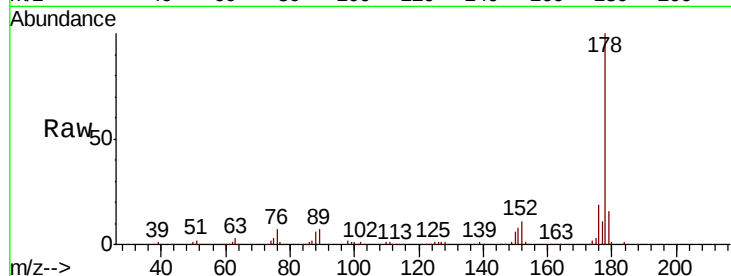




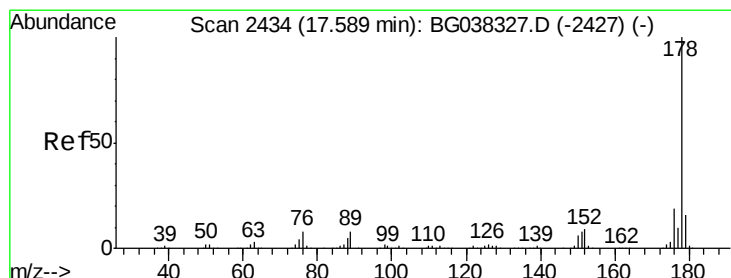
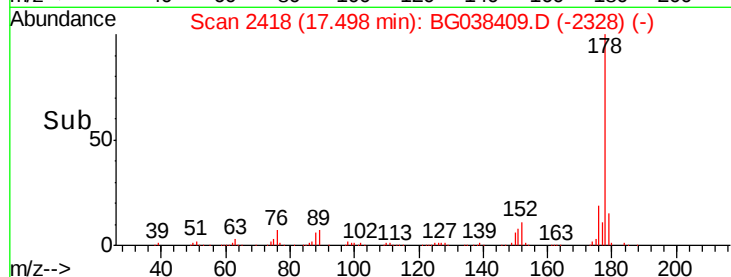
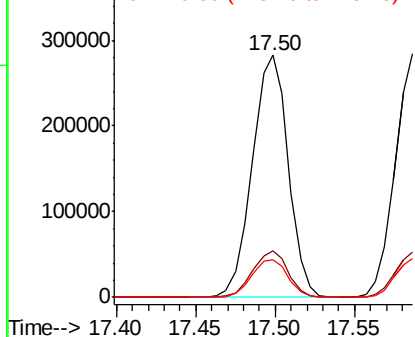
#71
Phenanthrene
Concen: 44.377 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tgt Ion:178 Resp: 444190
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 15.6 13.0 19.4

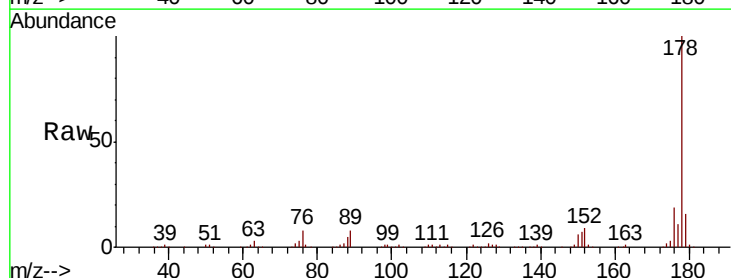


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

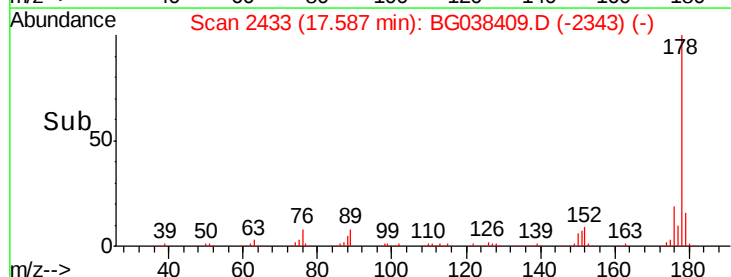
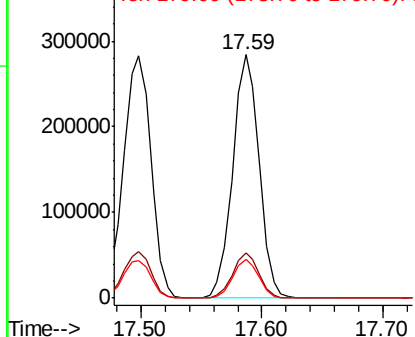


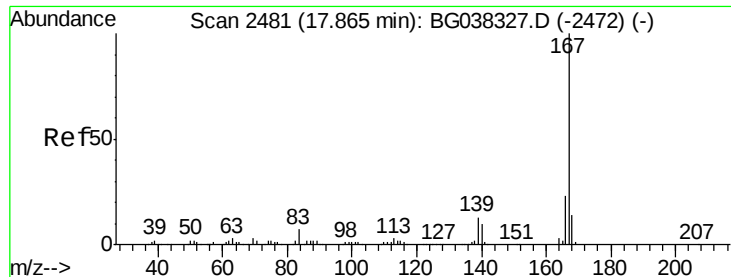
#72
Anthracene
Concen: 44.509 ng
RT: 17.59 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion:178 Resp: 431431
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

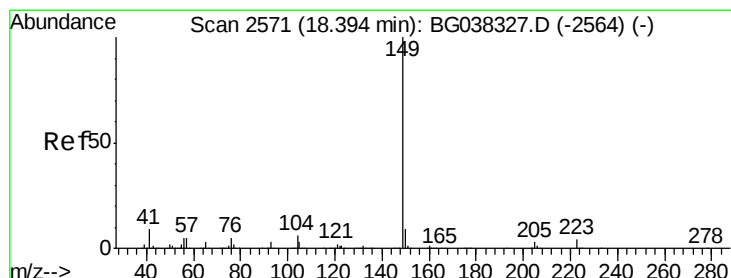
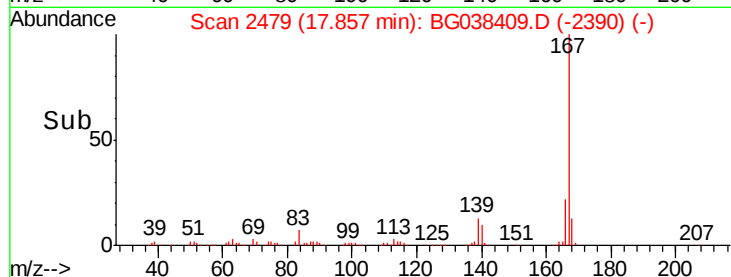
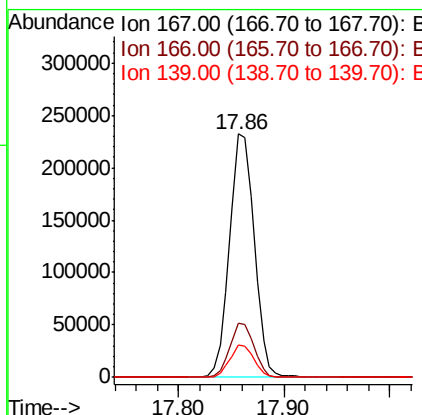
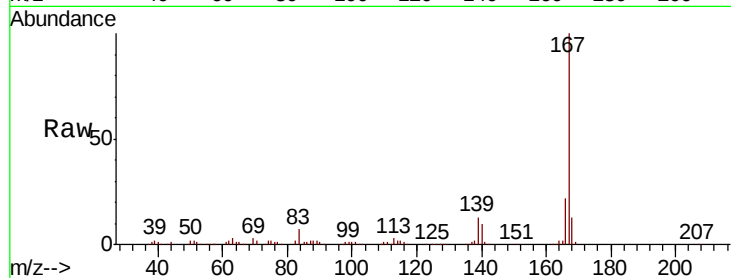




#73
 Carbazole
 Concen: 39.077 ng
 RT: 17.86 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

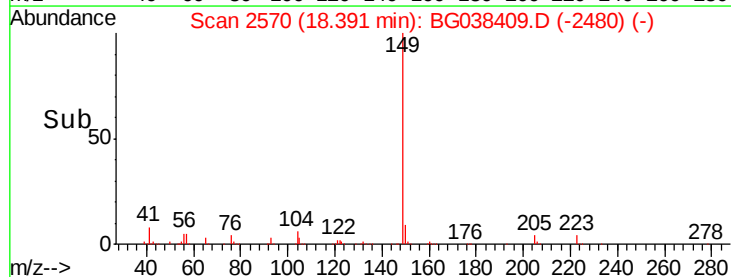
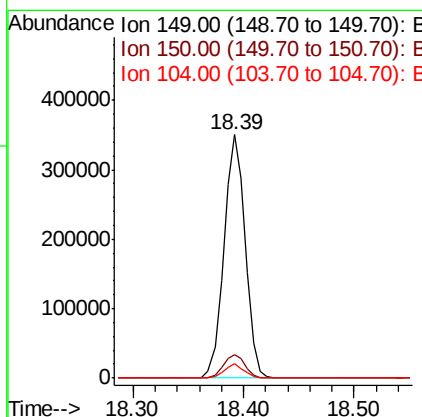
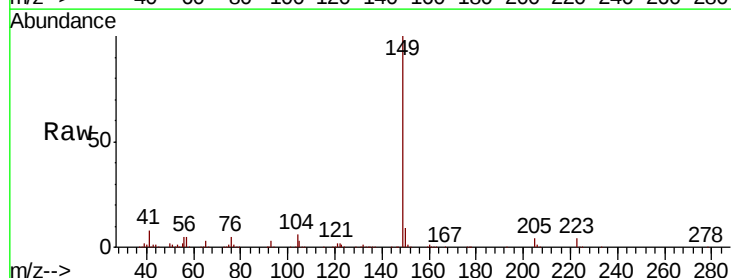
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

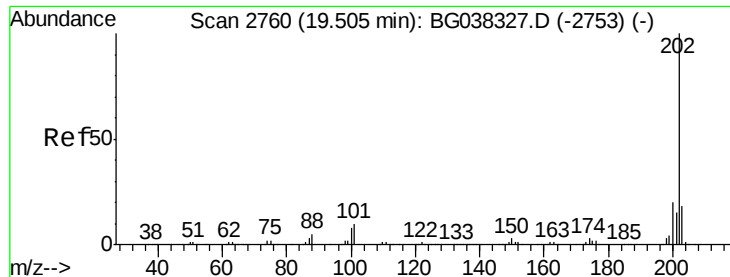
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	13.3	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.792 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.8	4.0	6.0

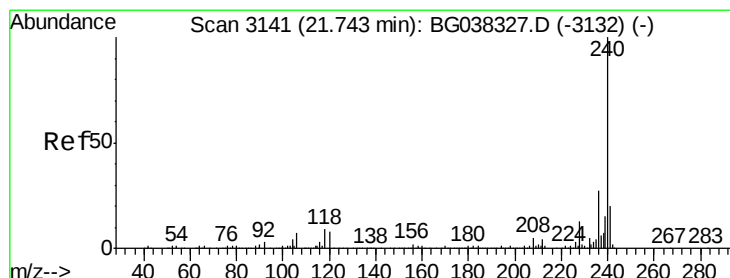
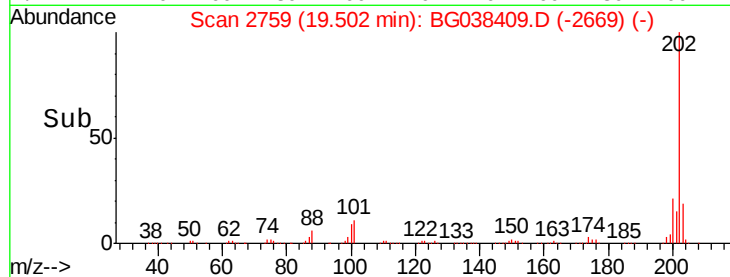
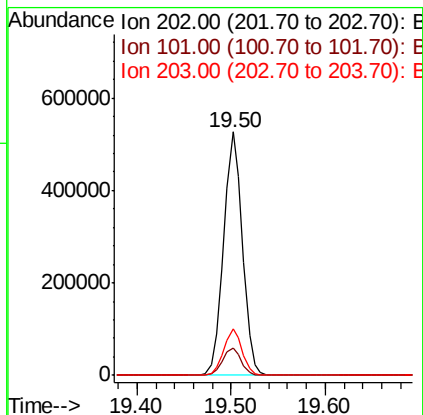
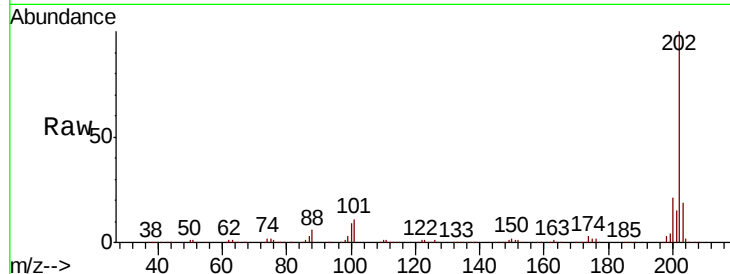




#75
 Fluoranthene
 Concen: 62.525 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

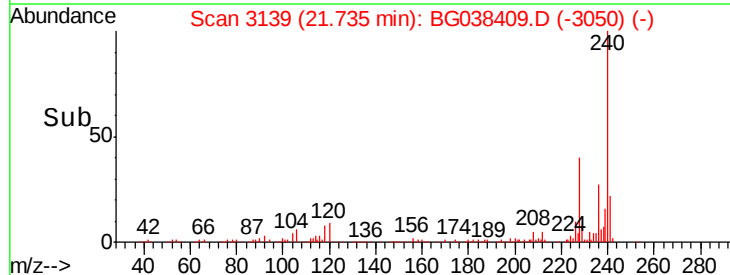
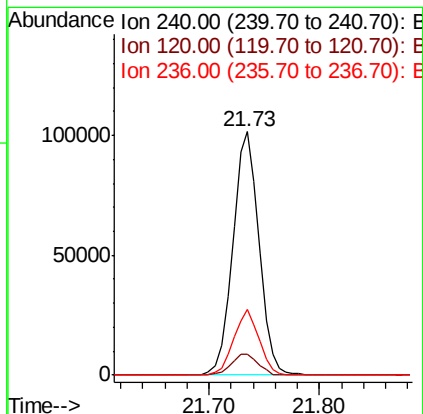
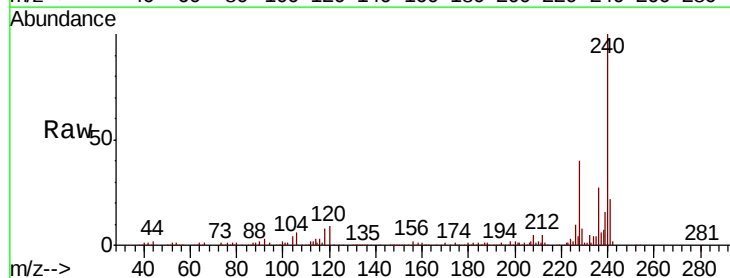
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

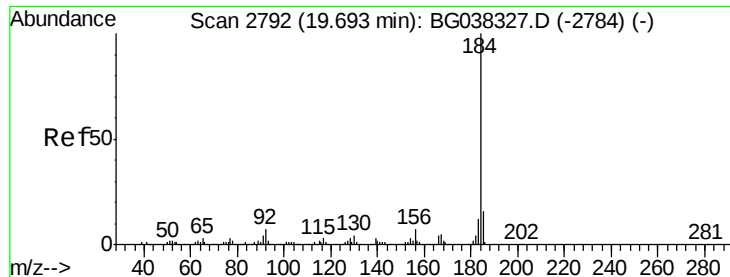
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.7
203	19.1	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 12.226 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

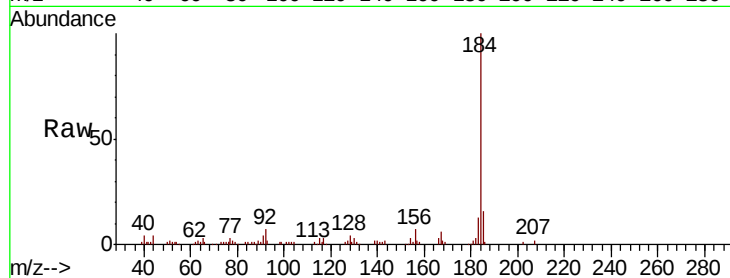
Tgt Ion:184 Resp: 69294

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

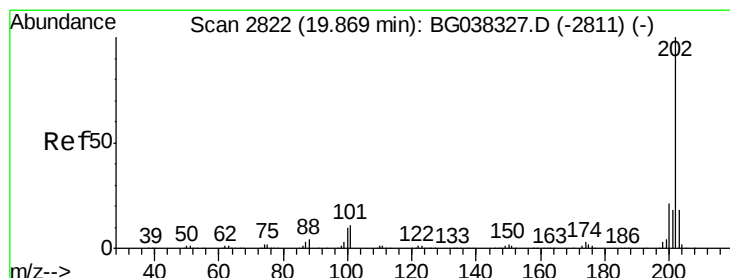
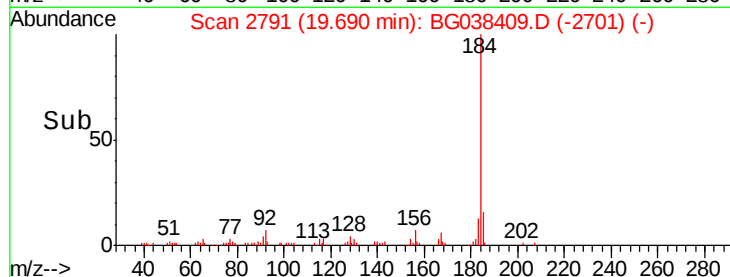
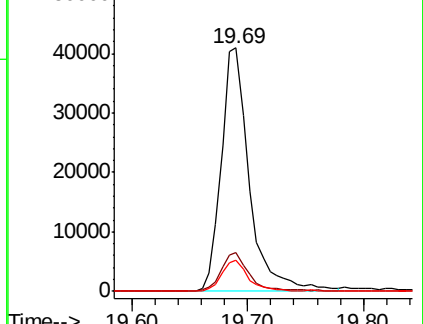
183 12.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.305 ng

RT: 19.87 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

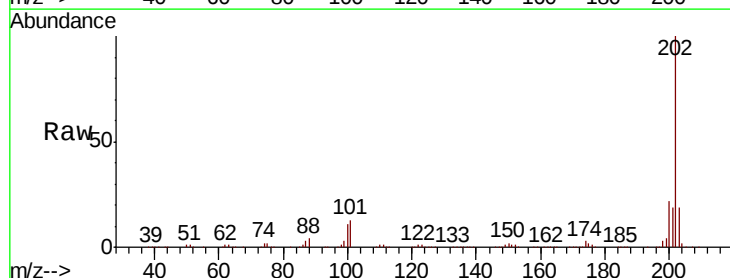
Tgt Ion:202 Resp: 720469

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

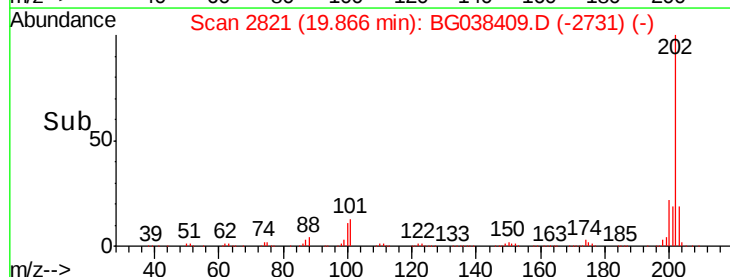
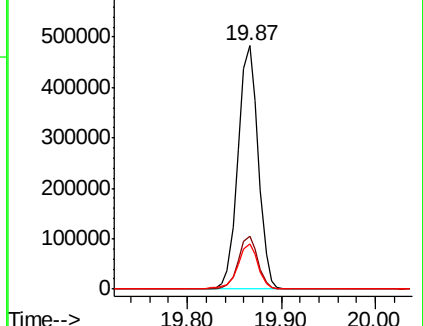
203 18.5 15.2 22.8

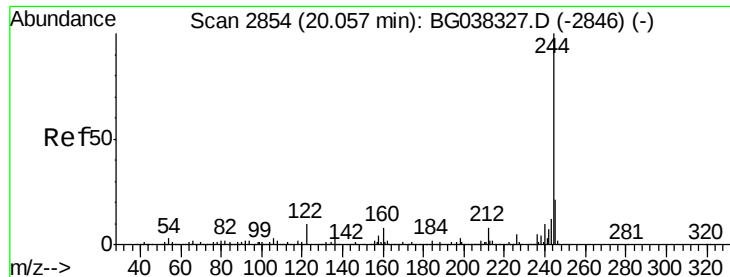


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.409 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

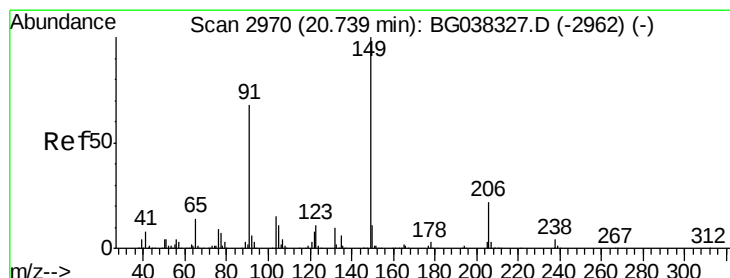
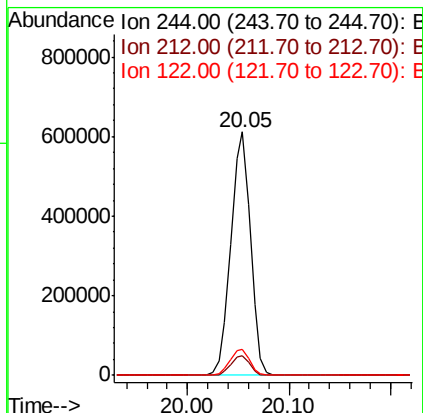
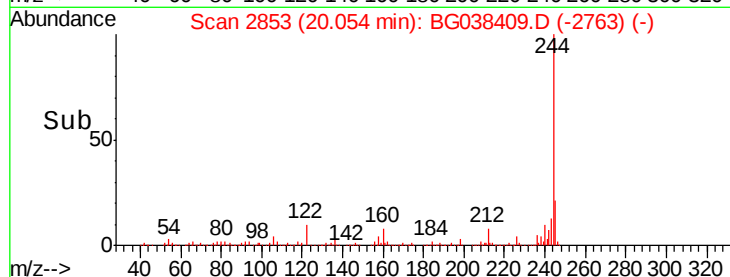
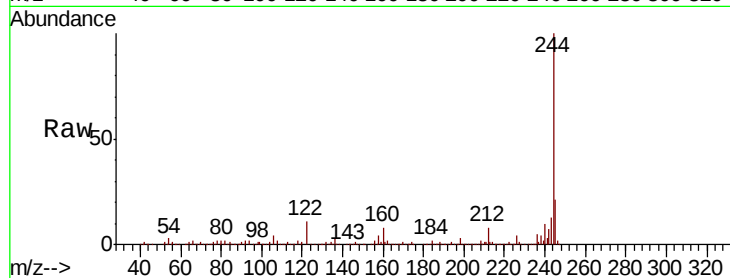
Tgt Ion:244 Resp: 818632

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.719 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

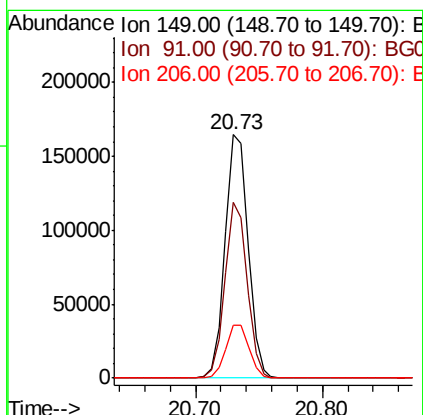
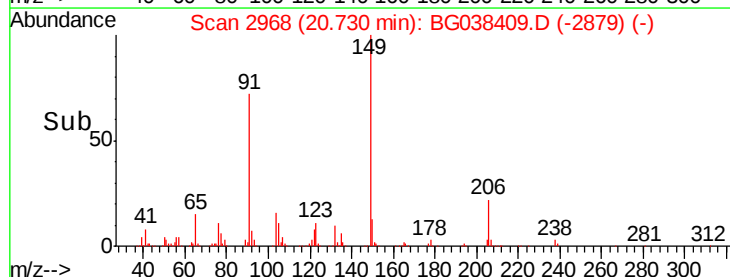
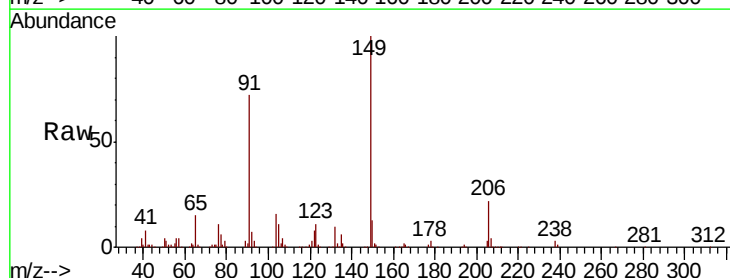
Tgt Ion:149 Resp: 206652

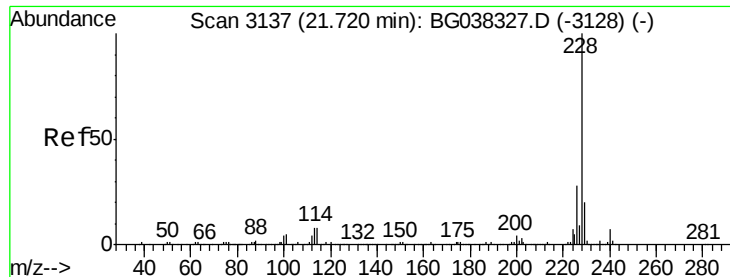
Ion Ratio Lower Upper

149 100

91 72.2 57.0 85.4

206 21.8 17.8 26.6





#81

Benzo(a)anthracene

Concen: 46.429 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

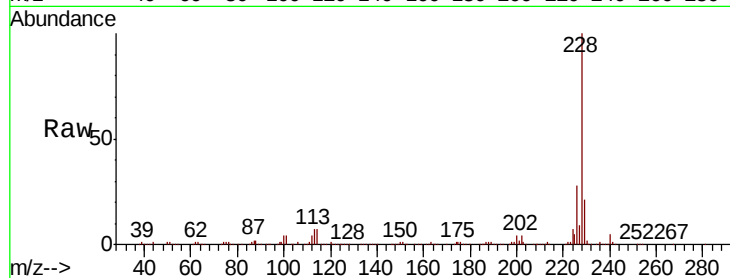
Tgt Ion:228 Resp: 479297

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

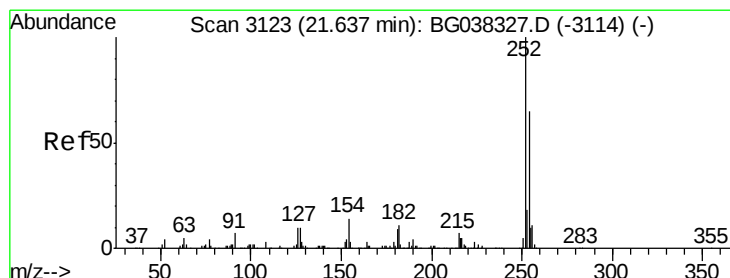
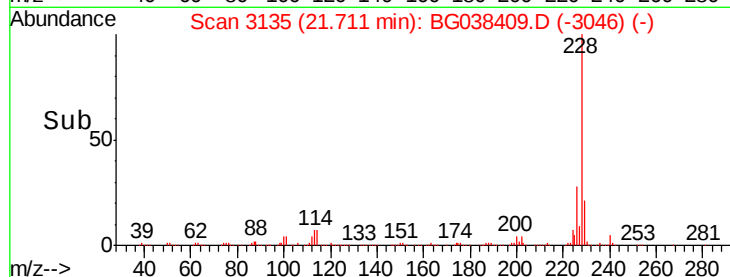
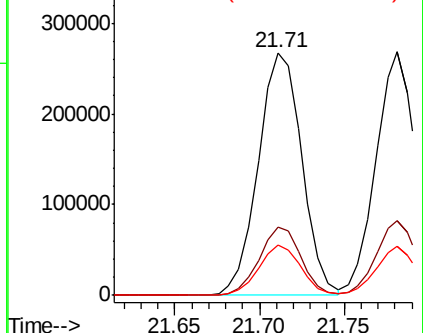
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.744 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

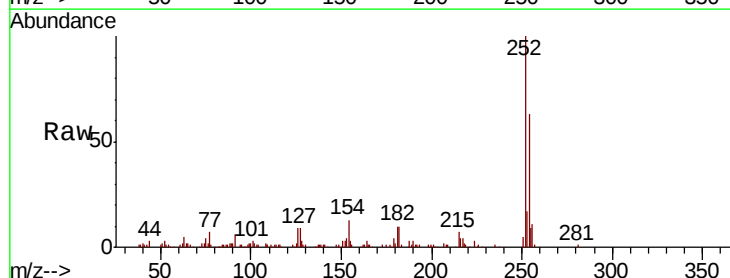
Tgt Ion:252 Resp: 87320

Ion Ratio Lower Upper

252 100

254 63.1 52.0 78.0

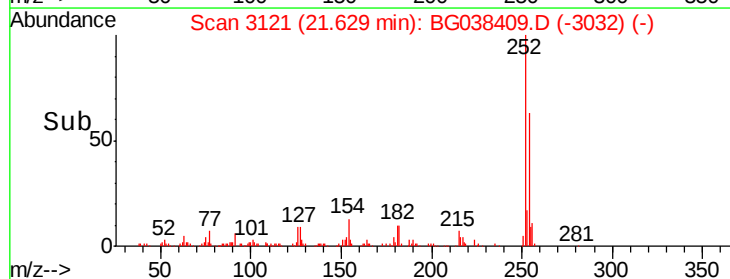
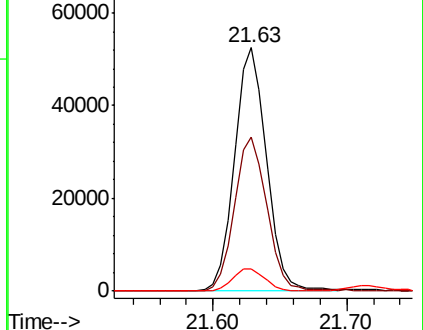
126 9.2 8.2 12.4

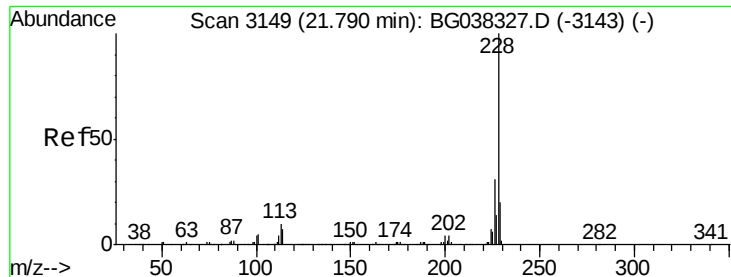


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.461 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

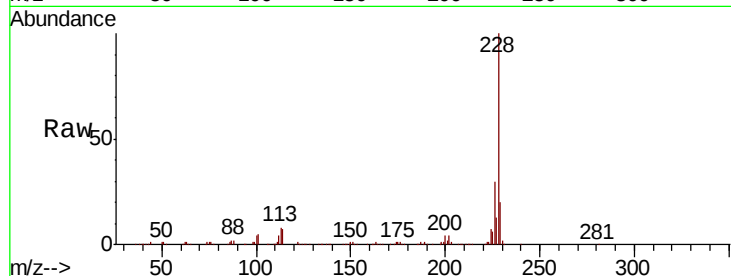
Tgt Ion:228 Resp: 444109

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

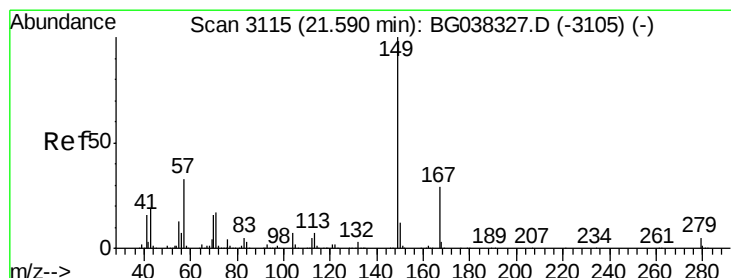
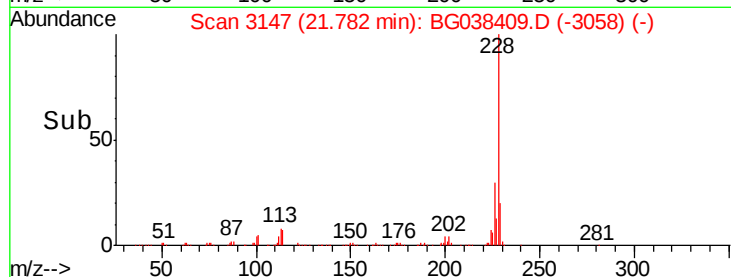
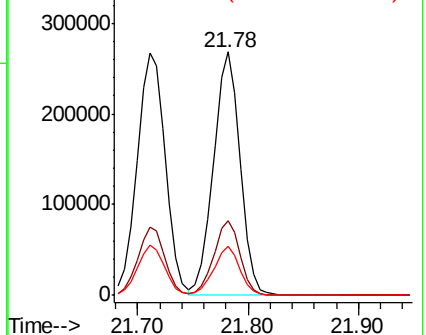
229 20.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.102 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

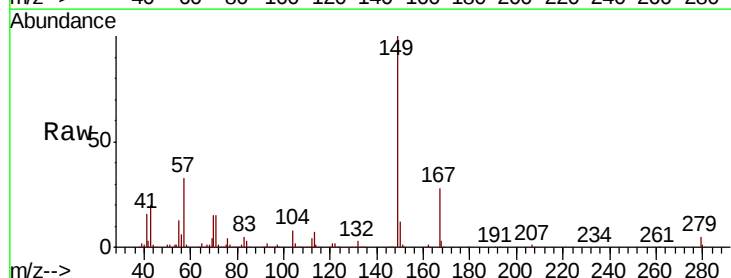
Tgt Ion:149 Resp: 288769

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

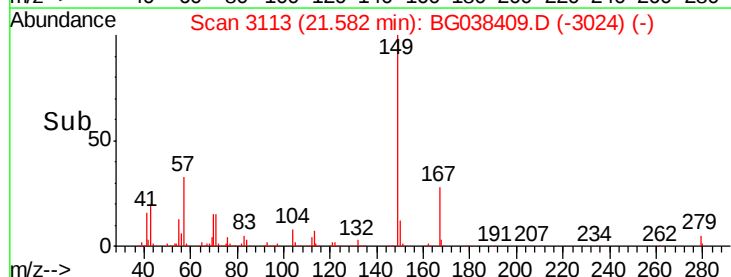
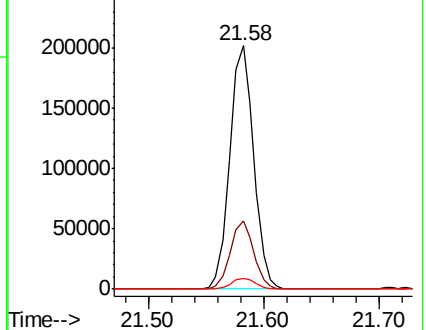
279 4.6 3.6 5.4

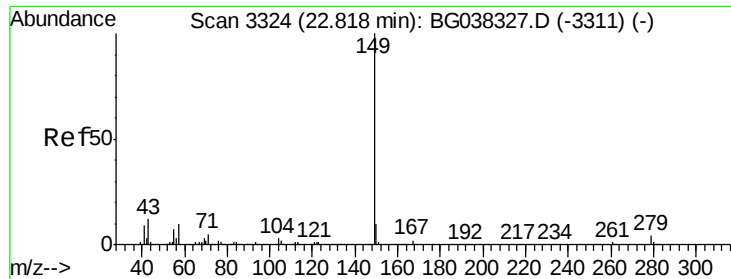


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

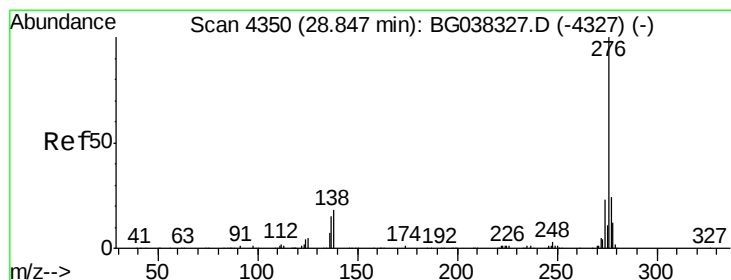
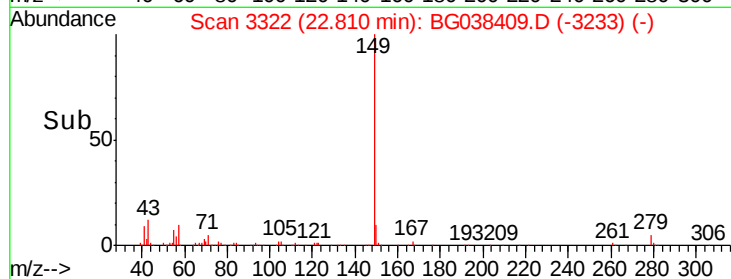
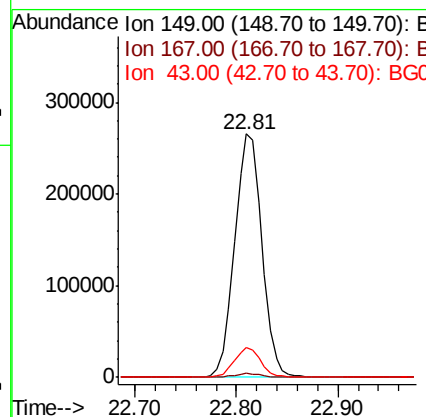
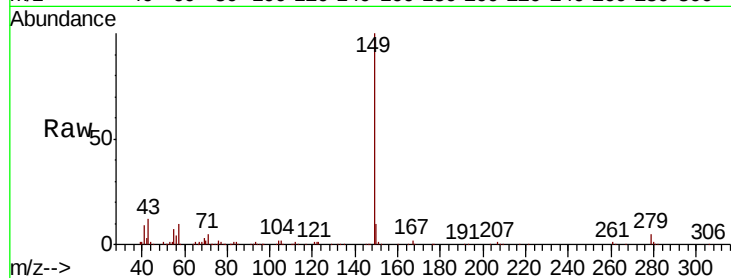




#85
Di-n-octyl phthalate
Concen: 42.878 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

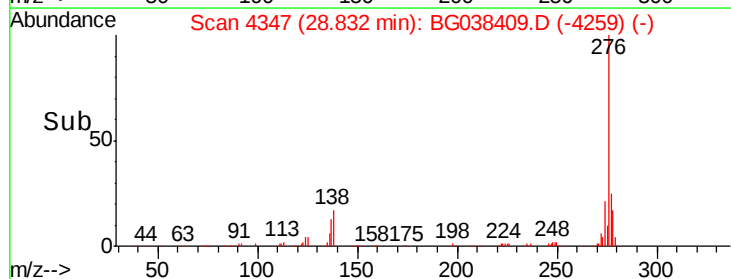
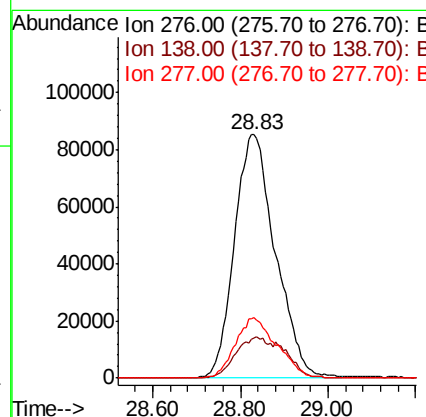
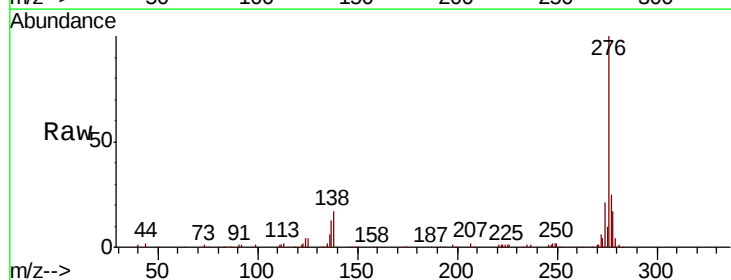
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

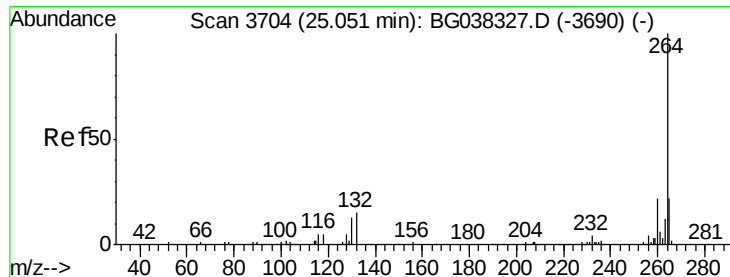
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.907 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.0	18.0
277	25.1	20.6	30.8

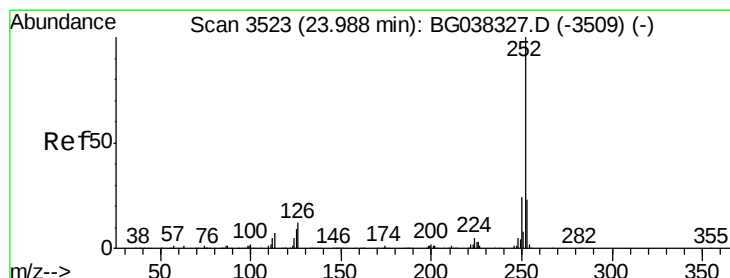
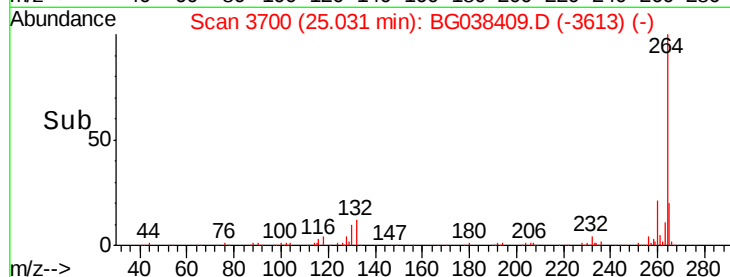
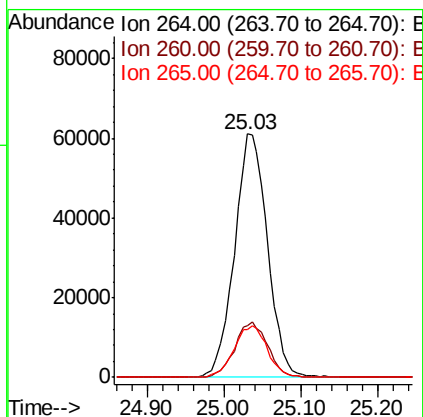
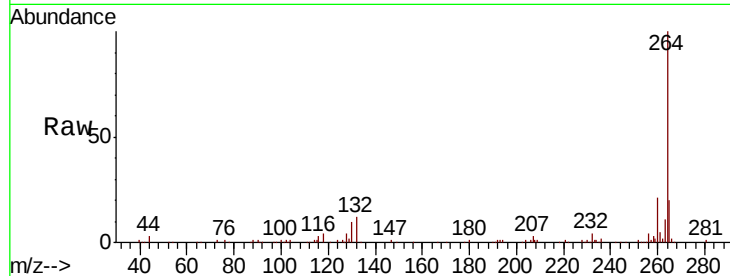




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

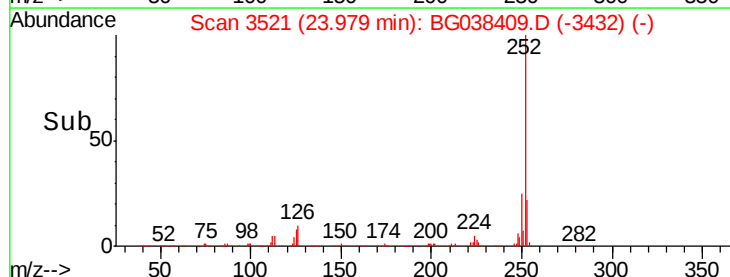
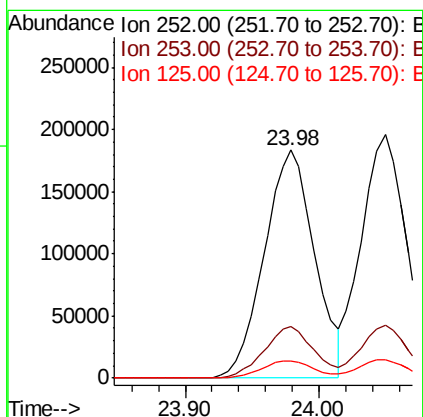
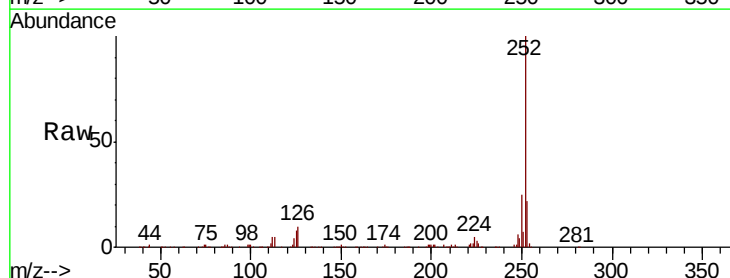
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

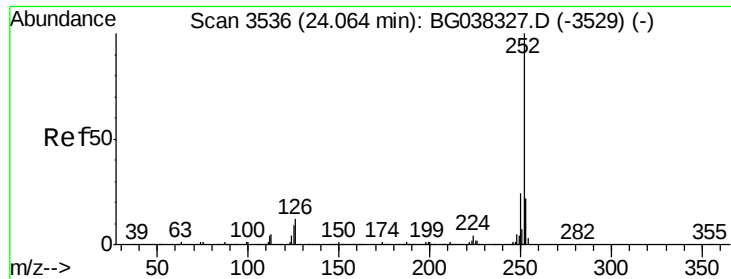
Tgt Ion: 264 Resp: 182561
Ion Ratio Lower Upper
264 100
260 21.2 18.2 27.4
265 19.6 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 46.545 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion: 252 Resp: 480129
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 7.6 7.8 11.6#





#89

Benzo(k)fluoranthene

Concen: 44.814 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

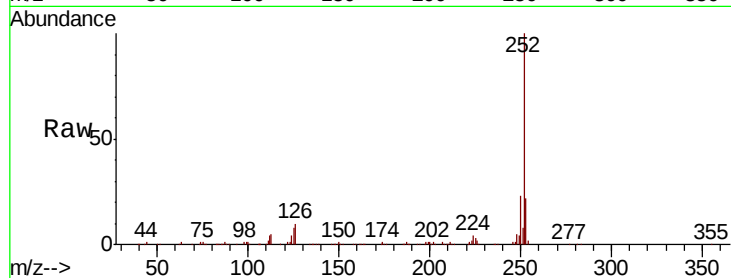
Tgt Ion:252 Resp: 460409

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

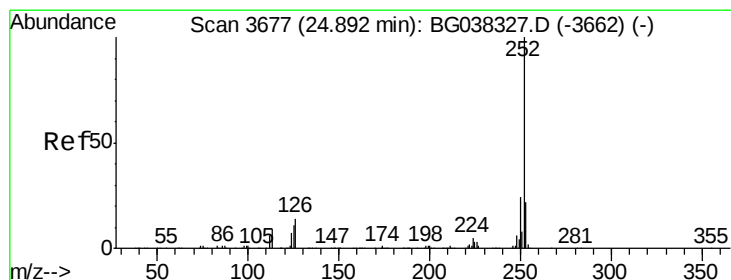
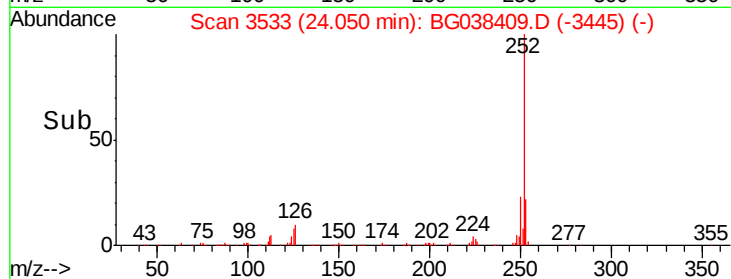
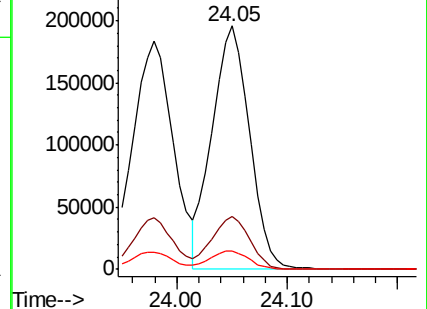
125 7.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.635 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

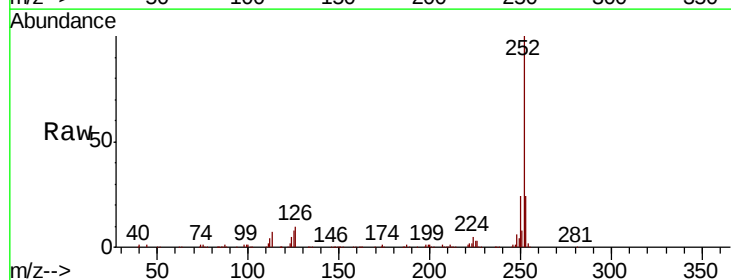
Tgt Ion:252 Resp: 456610

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

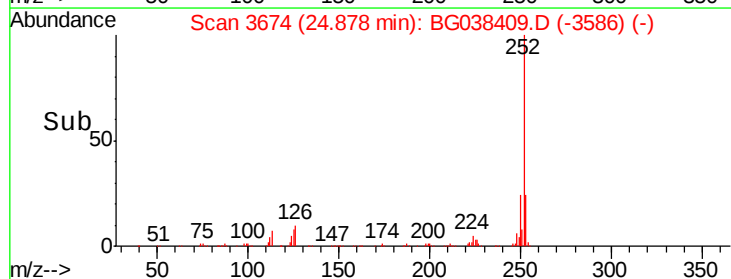
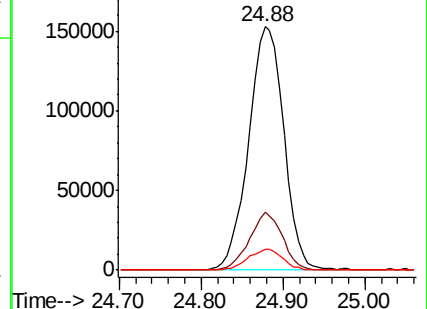
125 8.4 9.0 13.6#

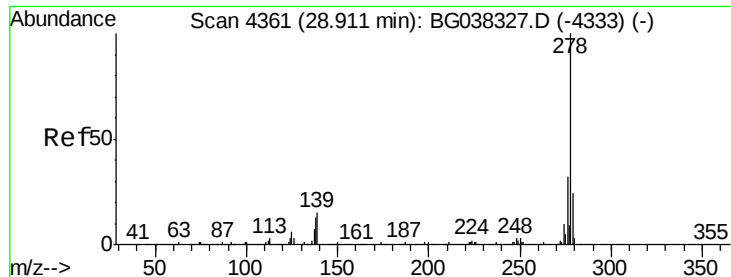


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.188 ng

RT: 28.90 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

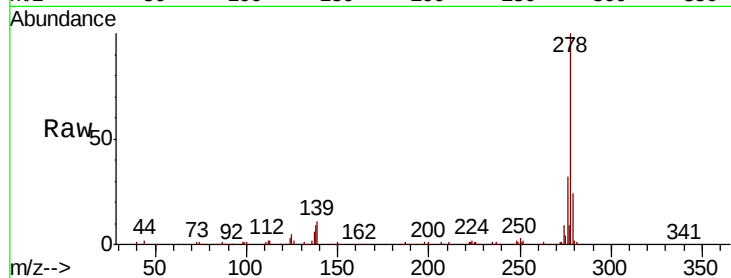
Tgt Ion:278 Resp: 447806

Ion Ratio Lower Upper

278 100

139 11.1 11.5 17.3#

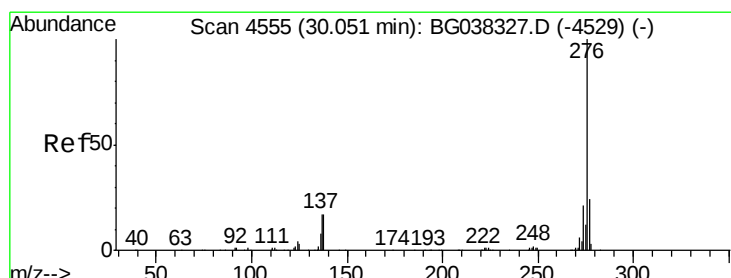
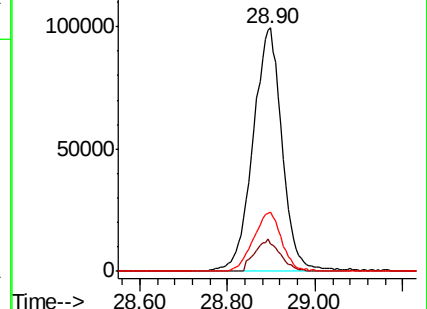
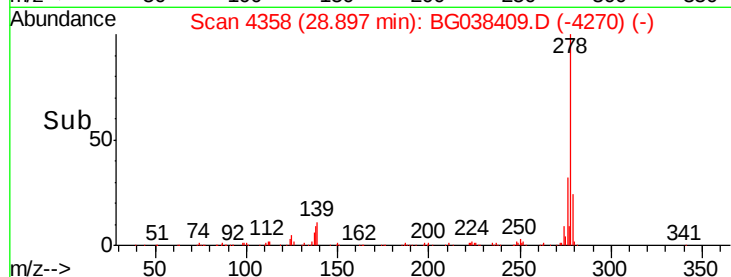
279 24.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.013 ng

RT: 30.02 min Scan# 4550

Delta R.T. -0.03 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

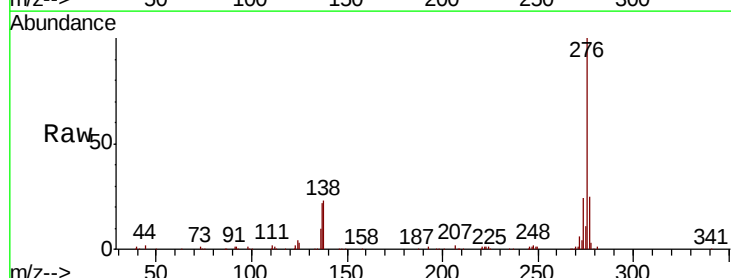
Tgt Ion:276 Resp: 508548

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 22.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

