

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038410.D
 Acq On : 7 Dec 2018 19:28
 Operator : JU/SJ
 Sample : J6195-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 07 22:13:25 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	29066	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	123864	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	81162	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	203216	20.00	ng	0.00
76) Chrysene-d12	21.74	240	196013	20.00	ng	0.00
87) Perylene-d12	25.04	264	204247	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	193271	117.67	ng	0.00
7) Phenol-d6	7.22	99	247698	104.34	ng	0.00
23) Nitrobenzene-d5	9.25	82	189862	76.10	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	135977	136.47	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	441101	77.44	ng	0.00
79) Terphenyl-d14	20.05	244	768596	84.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	25585	33.987	ng	# 1
3) Pyridine	3.92	79	107804	47.869	ng	98
4) n-Nitrosodimethylamine	3.83	42	46052	46.683	ng	# 96
6) Aniline	7.39	93	87976	29.015	ng	97
8) 2-Chlorophenol	7.63	128	86251	45.216	ng	99
9) Benzaldehyde	7.21	77	34862	23.191	ng	94
10) Phenol	7.25	94	97160	38.737	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	83229	40.517	ng	98
12) 1,3-Dichlorobenzene	7.95	146	86721	38.898	ng	95
13) 1,4-Dichlorobenzene	8.11	146	87876	38.095	ng	100
14) 1,2-Dichlorobenzene	8.42	146	82340	38.450	ng	96
15) Benzyl Alcohol	8.31	79	82087	42.059	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	179430	38.402	ng	98
17) 2-Methylphenol	8.50	107	74891	43.099	ng	96
18) Hexachloroethane	9.15	117	32147	38.612	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	69653	40.153	ng	96
20) 3+4-Methylphenols	8.83	107	100293	39.690	ng	97
22) Acetophenone	8.90	105	130794	44.006	ng	# 94
24) Nitrobenzene	9.29	77	107236	42.307	ng	98
25) Isophorone	9.80	82	205361	46.839	ng	97
26) 2-Nitrophenol	10.00	139	52632	44.814	ng	# 87
27) 2,4-Dimethylphenol	10.04	122	91038	53.968	ng	100
28) bis(2-Chloroethoxy)methane	10.29	93	116698	46.430	ng	99
29) 2,4-Dichlorophenol	10.53	162	92455	48.013	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	93699	41.451	ng	100
31) Naphthalene	10.94	128	269785	45.597	ng	99
32) Benzoic acid	10.19	122	42621	36.819	ng	93
33) 4-Chloroaniline	11.05	127	20713	7.908	ng	97
34) Hexachlorobutadiene	11.20	225	58785	41.569	ng	96
35) Caprolactam	11.84	113	14980	18.812	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	106778	49.908	ng	97
37) 2-Methylnaphthalene	12.54	142	209175	49.643	ng	97
38) 1-Methylnaphthalene	12.76	142	200125	49.590	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	117625	42.118	ng	99

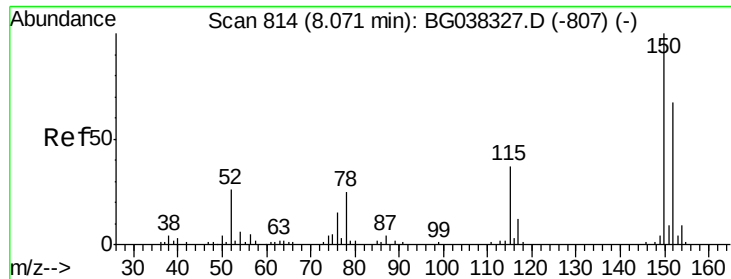
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038410.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	132858	86.567	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	85635	47.335	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	91737	47.866	ng	95
46) 1,1'-Biphenyl	13.54	154	274423	40.000	ng	99
47) 2-Chloronaphthalene	13.59	162	221705	42.826	ng	99
48) 2-Nitroaniline	13.80	65	80132	46.137	ng	97
49) Acenaphthylene	14.43	152	368799	47.301	ng	99
50) Dimethylphthalate	14.16	163	303294	46.590	ng	99
51) 2,6-Dinitrotoluene	14.29	165	68525	46.081	ng	93
52) Acenaphthene	14.77	154	211189	44.431	ng	98
53) 3-Nitroaniline	14.62	138	38822	24.240	ng #	94
54) 2,4-Dinitrophenol	14.83	184	69527	85.292	ng #	85
55) Dibenzofuran	15.10	168	353142	44.940	ng	97
56) 4-Nitrophenol	14.92	139	96004	75.885	ng #	83
57) 2,4-Dinitrotoluene	15.07	165	97414	47.496	ng #	97
58) Fluorene	15.75	166	287197	49.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85654	51.457	ng	99
60) Diethylphthalate	15.51	149	314882	43.660	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	154274	44.365	ng	98
62) 4-Nitroaniline	15.79	138	71174	45.184	ng	83
63) Azobenzene	16.03	77	286308	45.360	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	55222	41.474	ng	95
66) n-Nitrosodiphenylamine	15.96	169	263208	46.060	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	102669	46.784	ng	100
68) Hexachlorobenzene	16.75	284	106877	47.216	ng	98
69) Atrazine	16.90	200	104526	49.020	ng	98
70) Pentachlorophenol	17.09	266	118675	76.545	ng	98
71) Phenanthrene	17.49	178	497297	48.865	ng	99
72) Anthracene	17.59	178	500463	50.781	ng	99
73) Carbazole	17.86	167	445974	45.594	ng	98
74) Di-n-butylphthalate	18.39	149	537138	47.005	ng	97
75) Fluoranthene	19.50	202	594409	49.992	ng	97
77) Benzidine	19.69	184	136422	20.625	ng	97
78) Pyrene	19.87	202	588089	42.880	ng	98
80) Butylbenzylphthalate	20.73	149	240995	43.690	ng	100
81) Benzo(a)anthracene	21.71	228	568252	47.169	ng	100
82) 3,3'-Dichlorobenzidine	21.63	252	125195	26.714	ng	97
83) Chrysene	21.78	228	525552	46.100	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	392184	50.162	ng	100
85) Di-n-octyl phthalate	22.81	149	576837	43.028	ng	97
86) Indeno(1,2,3-cd)pyrene	28.83	276	841318	64.935	ng #	89
88) Benzo(b)fluoranthene	23.98	252	562056	48.702	ng #	97
89) Benzo(k)fluoranthene	24.05	252	531582	46.248	ng	98
90) Benzo(a)pyrene	24.89	252	533269	47.638	ng #	97
91) Dibenzo(a,h)anthracene	28.90	278	682605	64.293	ng #	96
92) Benzo(g,h,i)perylene	30.03	276	519102	49.280	ng #	94

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

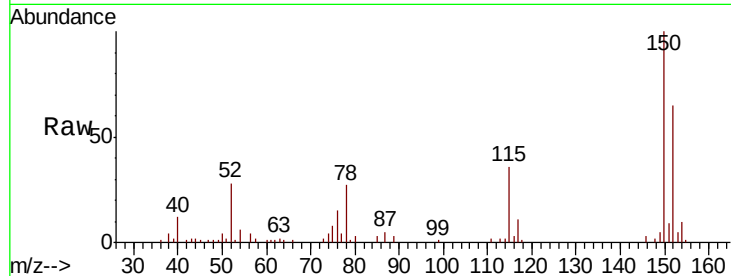


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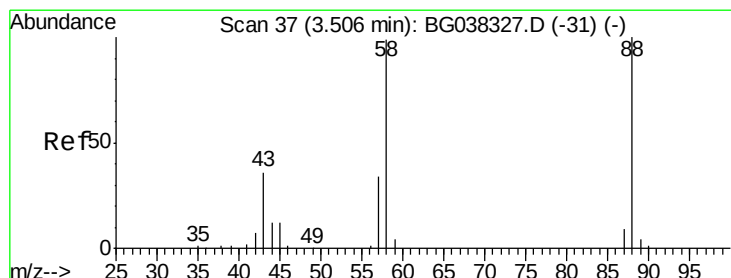
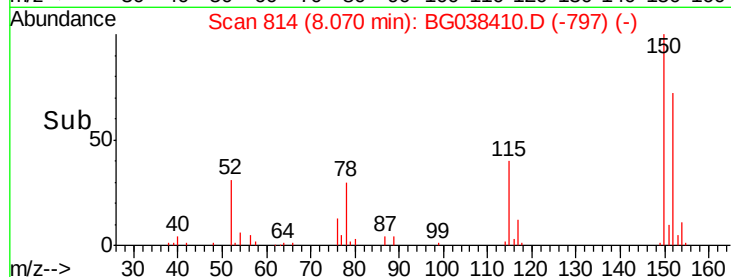
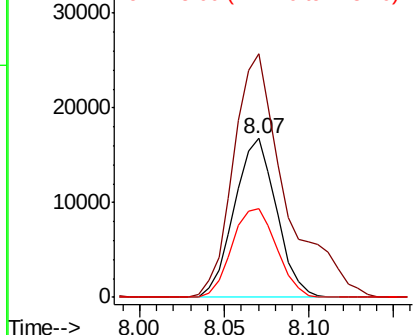
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion:152 Resp: 29066
Ion Ratio Lower Upper
152 100
150 153.4 126.0 189.0
115 55.6 45.5 68.3



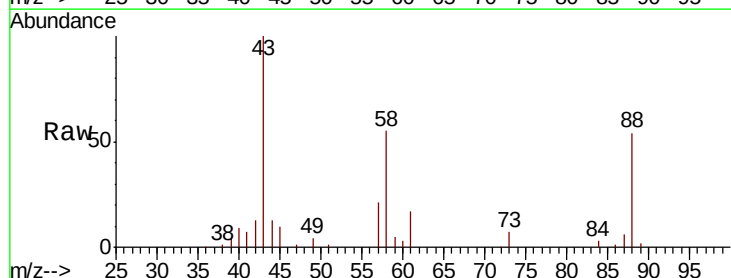
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



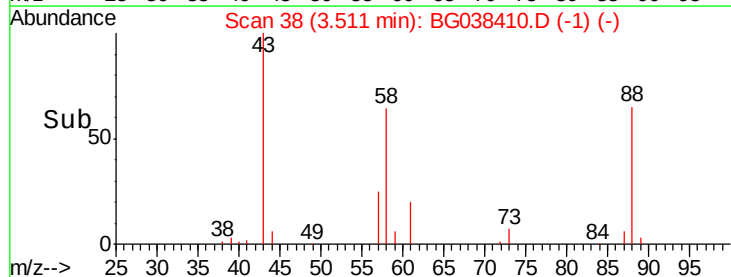
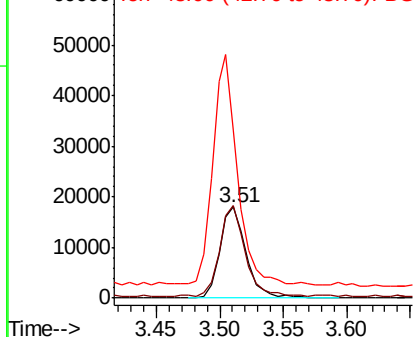
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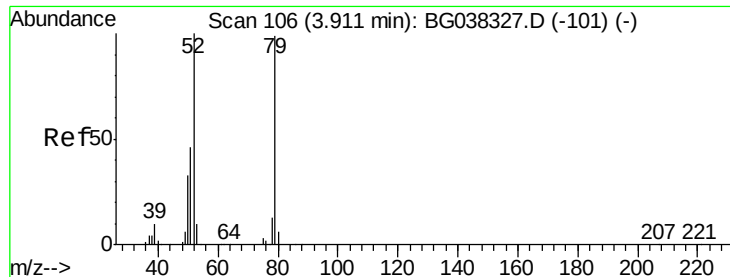
1,4-Dioxane
Concen: 33.987 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion: 88 Resp: 25585
Ion Ratio Lower Upper
88 100
58 100.1 74.4 111.6
43 243.6 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: 47.869 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

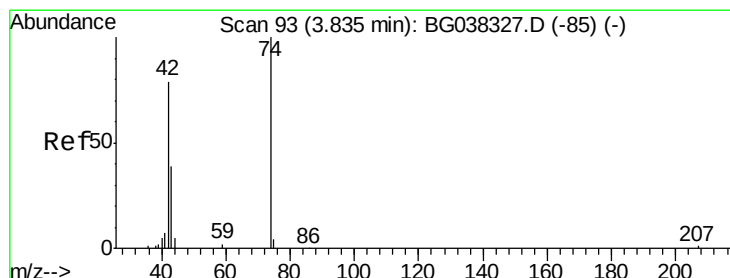
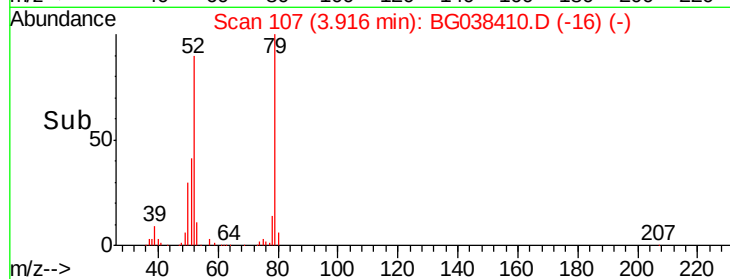
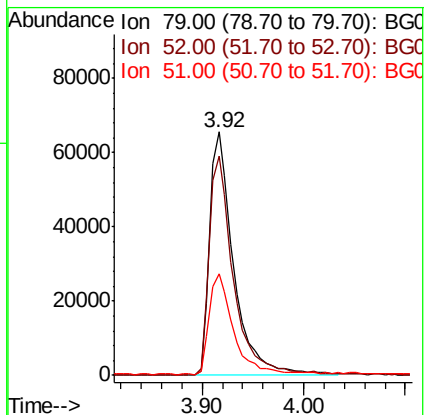
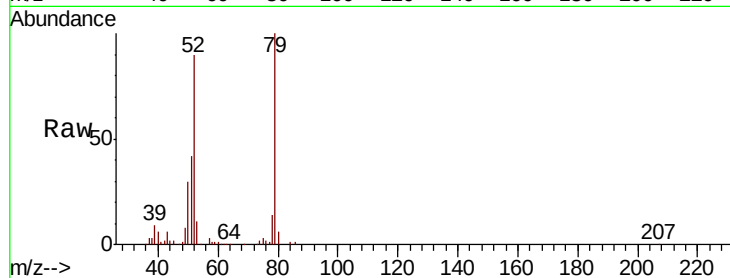
Tgt Ion: 79 Resp: 107804

Ion Ratio Lower Upper

79 100

52 90.3 74.2 111.2

51 41.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.683 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

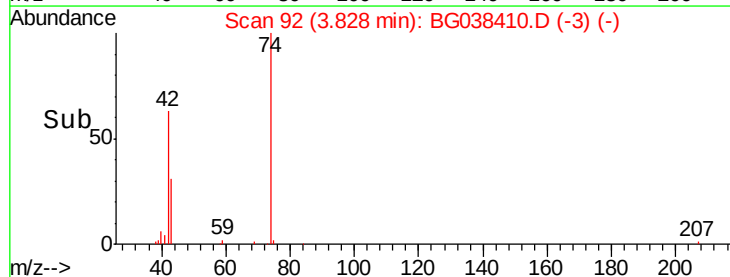
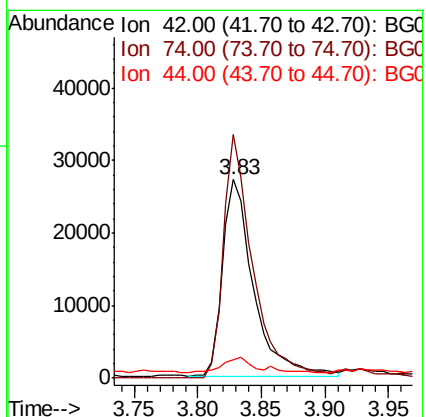
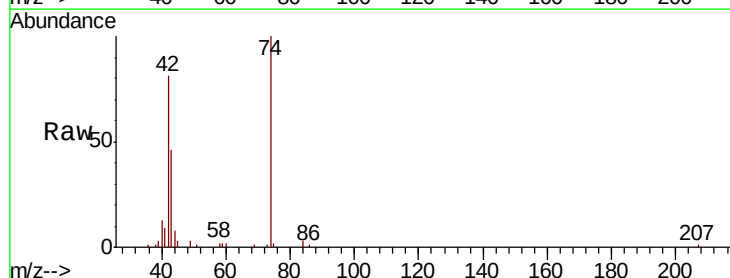
Tgt Ion: 42 Resp: 46052

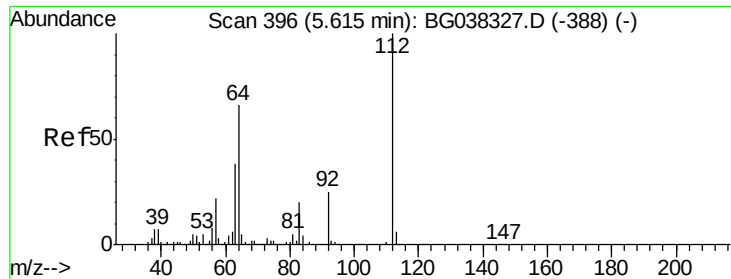
Ion Ratio Lower Upper

42 100

74 122.7 102.0 153.0

44 9.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 117.670 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

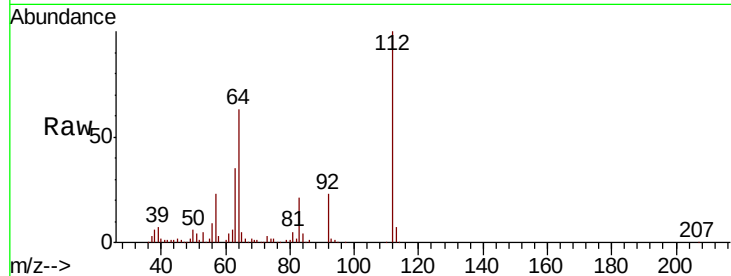
Tgt Ion: 112 Resp: 193271

Ion Ratio Lower Upper

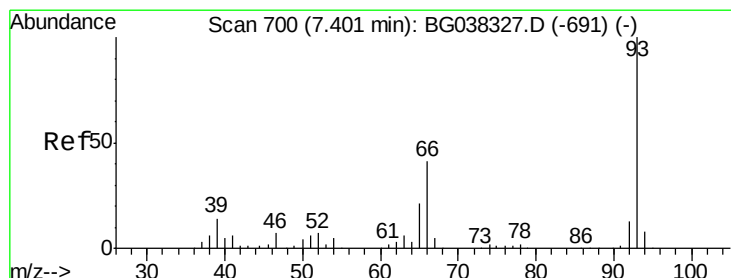
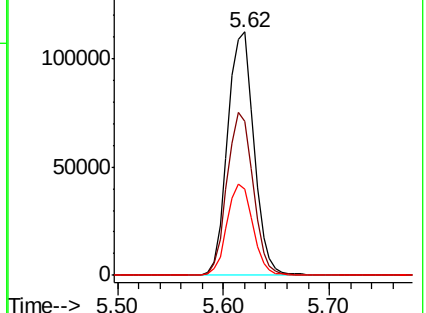
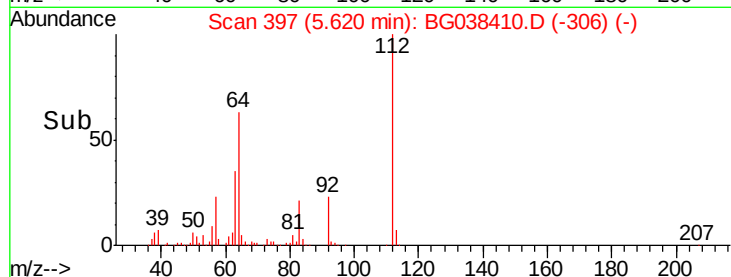
112 100

64 63.5 53.1 79.7

63 35.4 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: 29.015 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

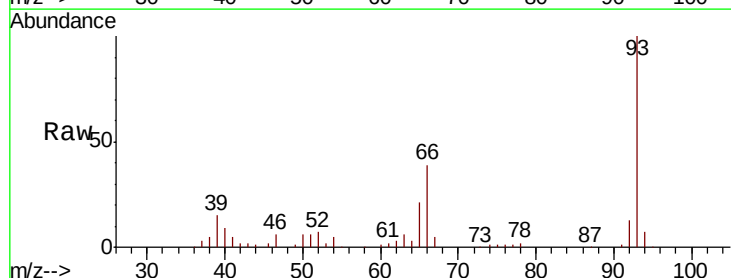
Tgt Ion: 93 Resp: 87976

Ion Ratio Lower Upper

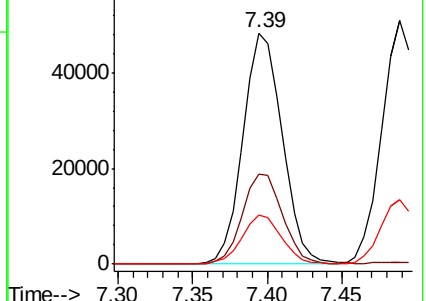
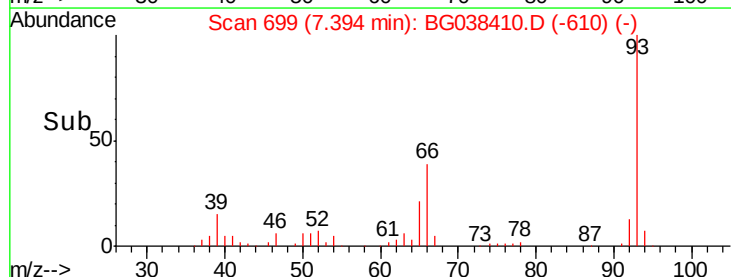
93 100

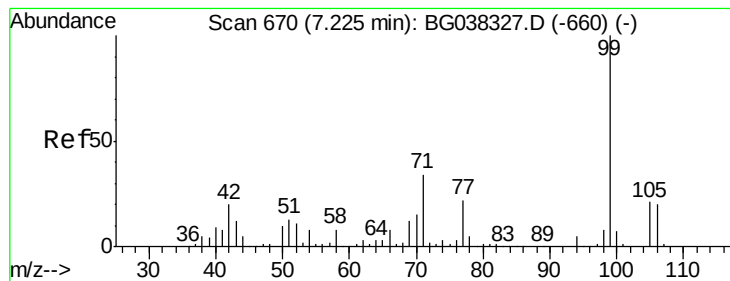
66 39.0 32.8 49.2

65 21.4 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: 104.341 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

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ClientSampleId :

OR-01-120518-AMSD

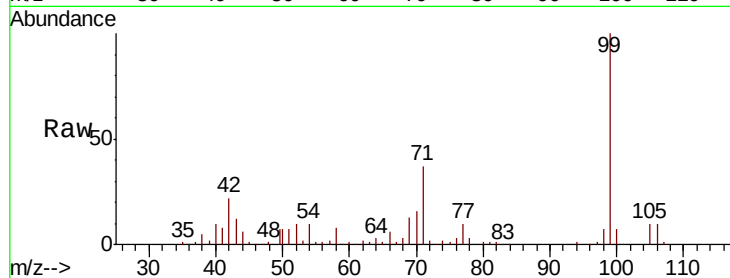
Tgt Ion: 99 Resp: 247698

Ion Ratio Lower Upper

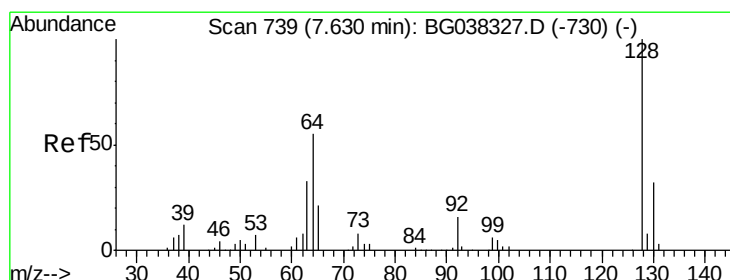
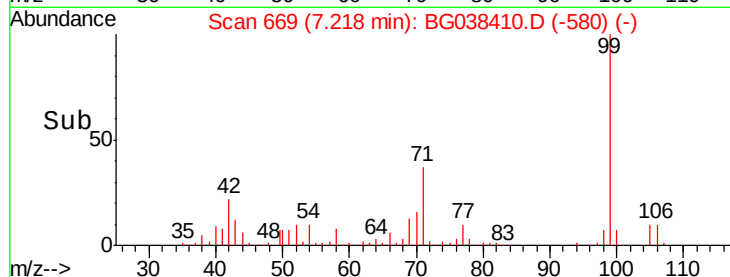
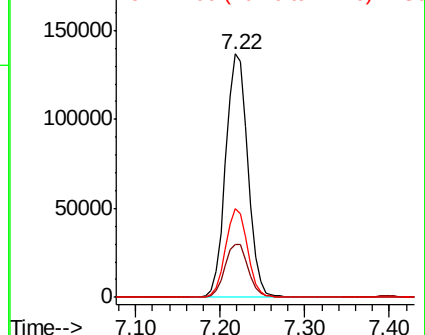
99 100

42 21.9 15.0 22.4

71 36.5 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: 45.216 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

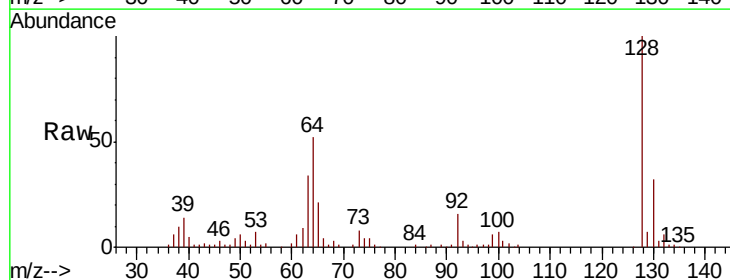
Tgt Ion: 128 Resp: 86251

Ion Ratio Lower Upper

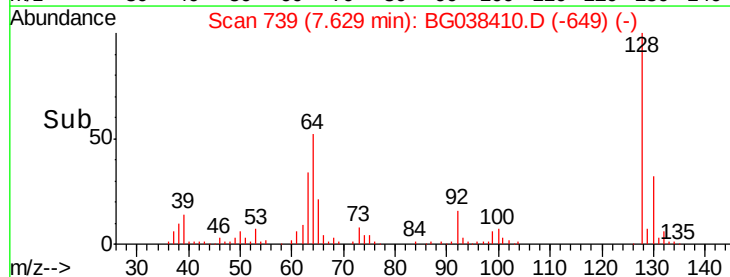
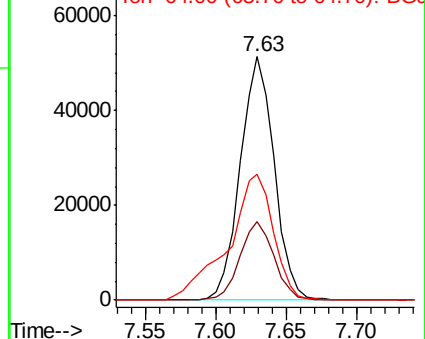
128 100

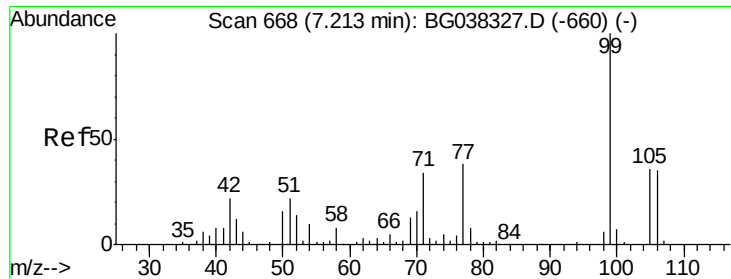
130 32.2 12.0 52.0

64 51.8 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: 23.191 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

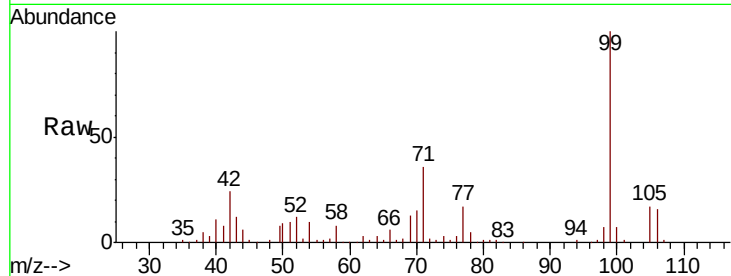
Tgt Ion: 77 Resp: 34862

Ion Ratio Lower Upper

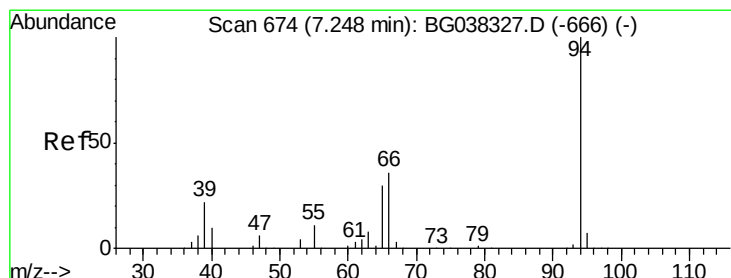
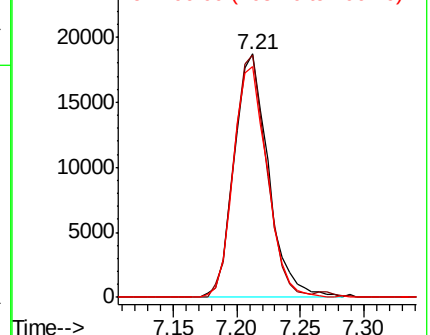
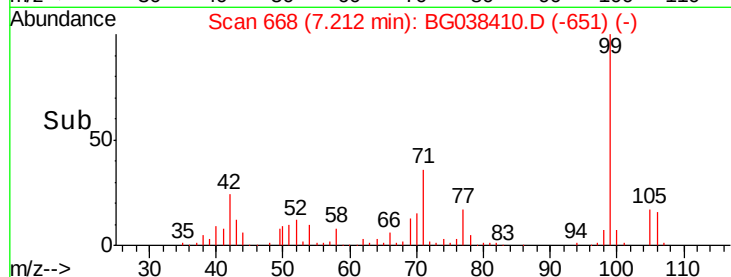
77 100

105 99.8 72.6 112.6

106 94.8 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: 38.737 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

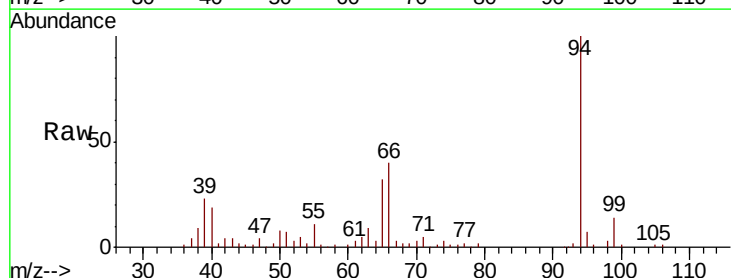
Tgt Ion: 94 Resp: 97160

Ion Ratio Lower Upper

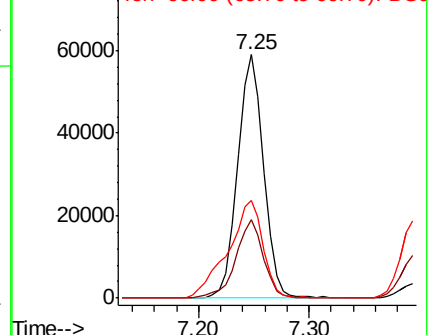
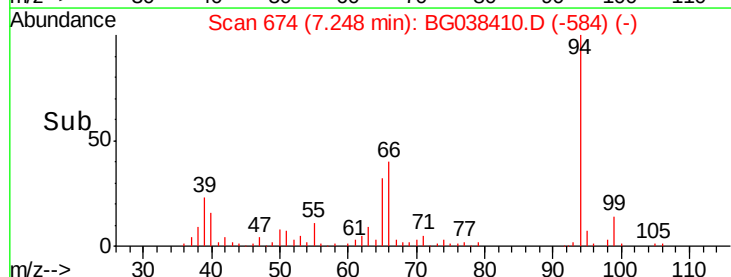
94 100

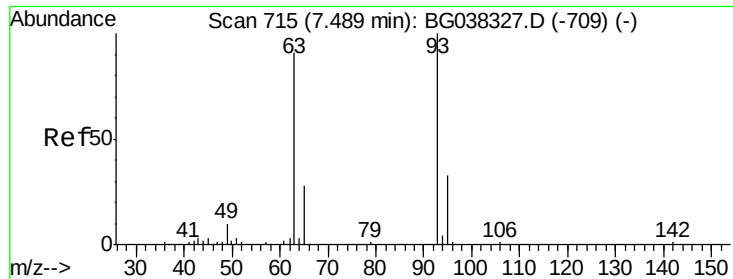
65 32.0 9.7 49.7

66 40.2 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

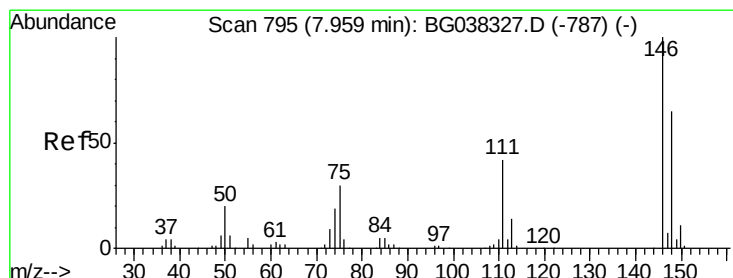
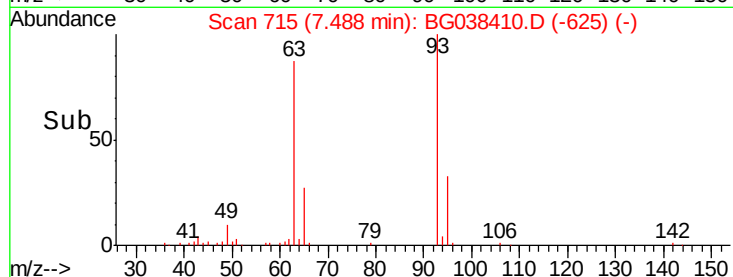
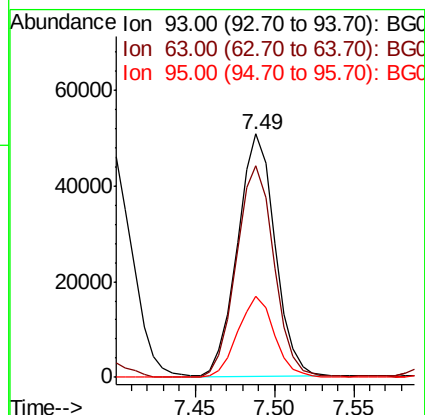
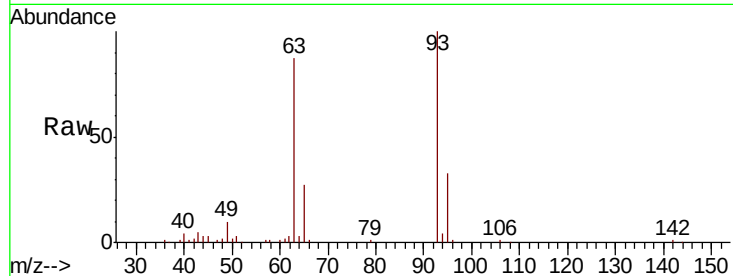




#11
 bis(2-Chloroethyl)ether
 Concen: 40.517 ng
 RT: 7.49 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

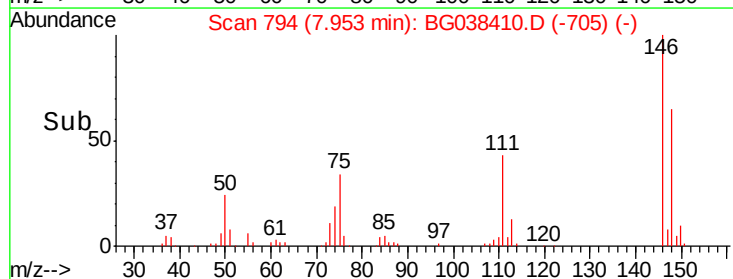
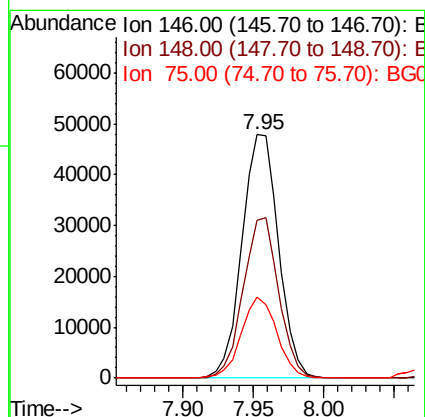
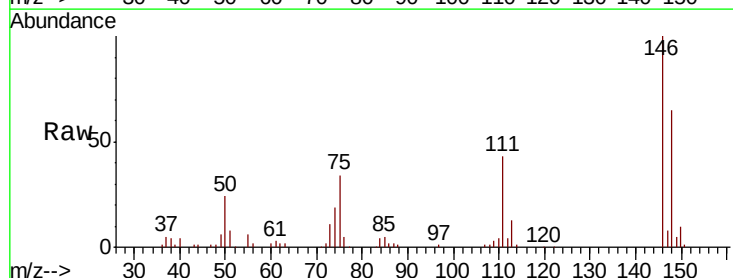
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

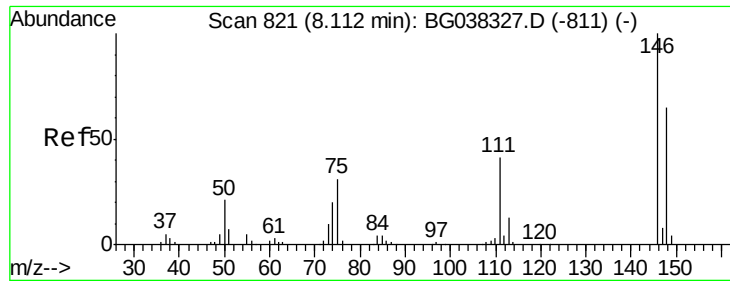
Tgt Ion: 93 Resp: 83229
 Ion Ratio Lower Upper
 93 100
 63 87.2 69.5 109.5
 95 33.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 38.898 ng
 RT: 7.95 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion: 146 Resp: 86721
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.8 74.8
 75 33.5 23.2 34.8

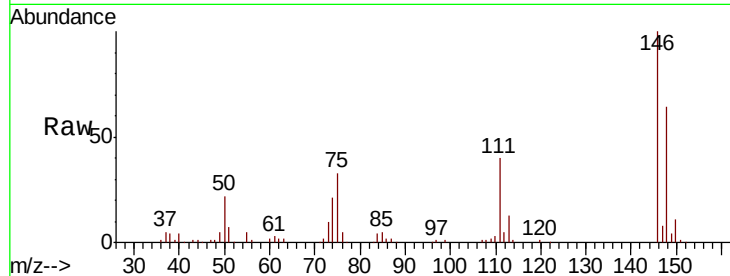




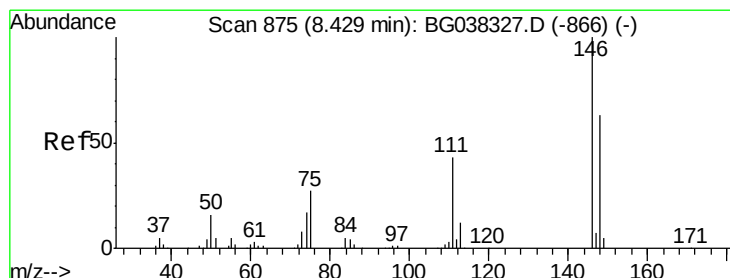
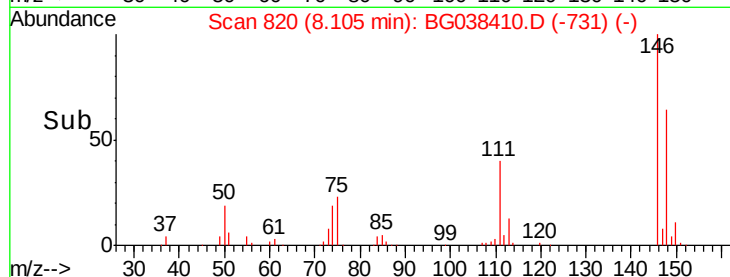
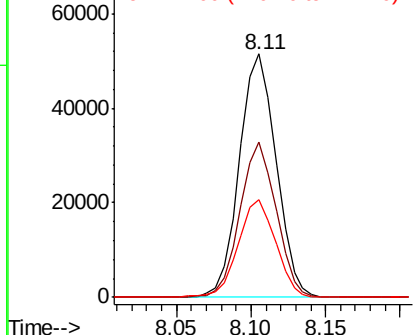
#13
 1,4-Dichlorobenzene
 Concen: 38.095 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

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

Tgt Ion:146 Resp: 87876
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 40.0 32.4 48.6

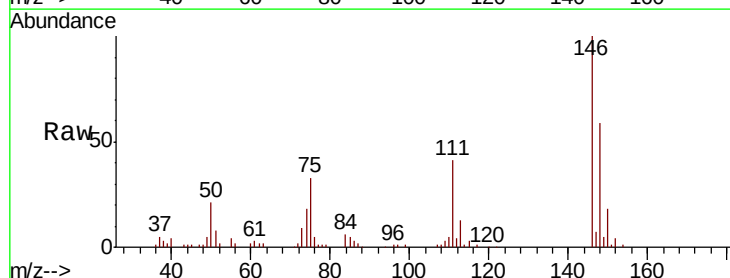


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

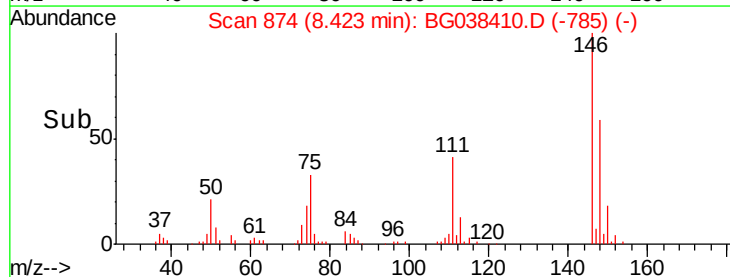
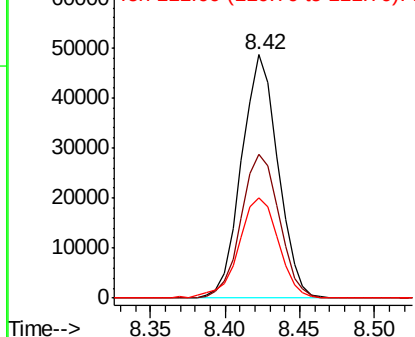


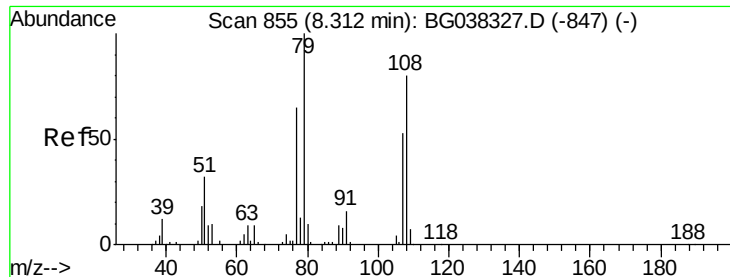
#14
 1,2-Dichlorobenzene
 Concen: 38.450 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:146 Resp: 82340
 Ion Ratio Lower Upper
 146 100
 148 59.3 50.4 75.6
 111 41.0 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: 42.059 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

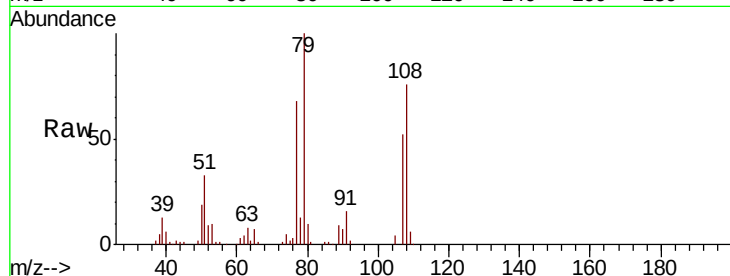
Tgt Ion: 79 Resp: 82087

Ion Ratio Lower Upper

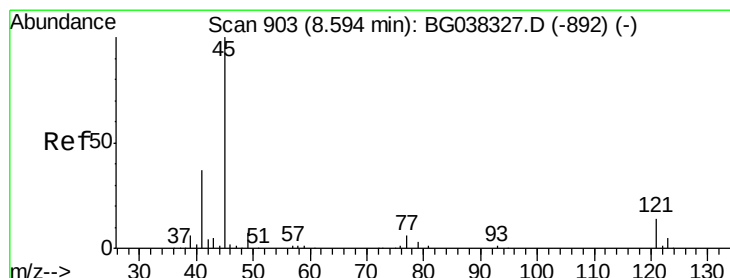
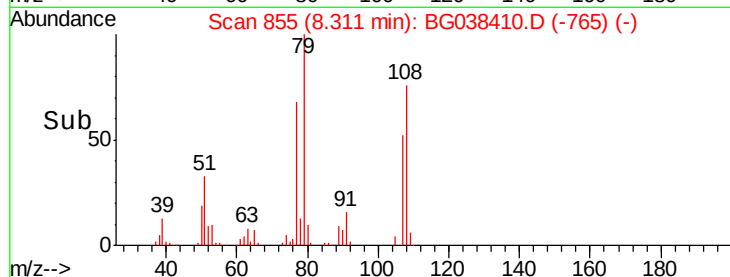
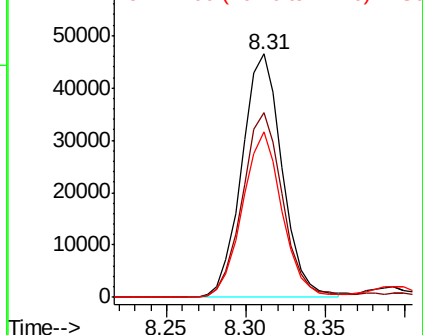
79 100

108 75.8 65.8 98.8

77 68.0 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: 38.402 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

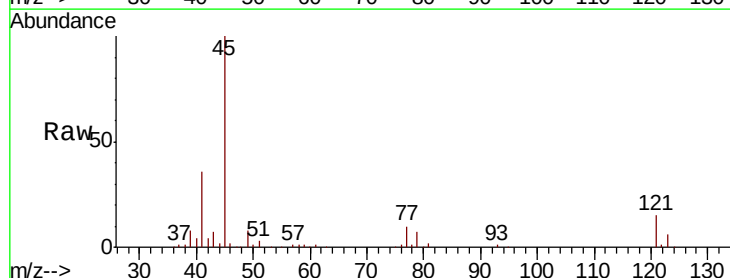
Tgt Ion: 45 Resp: 179430

Ion Ratio Lower Upper

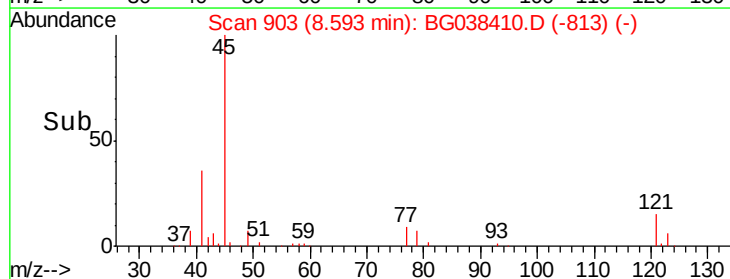
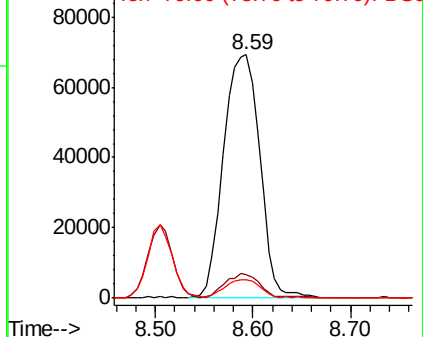
45 100

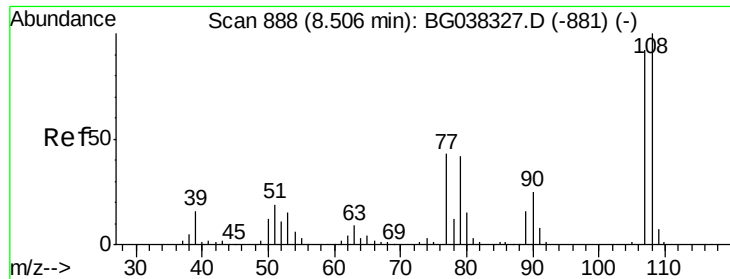
77 9.9 0.0 30.0

79 7.4 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

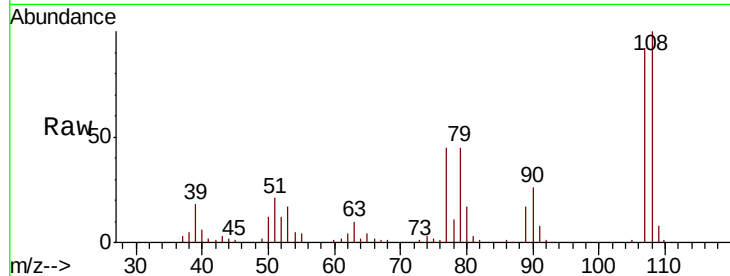




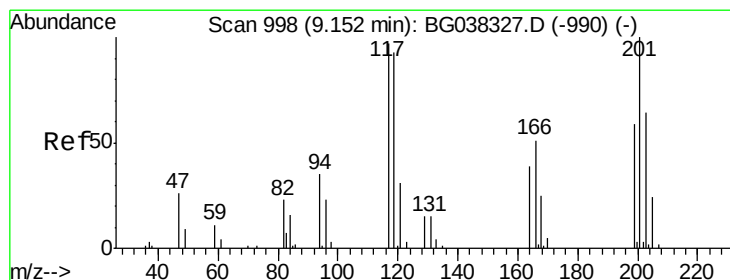
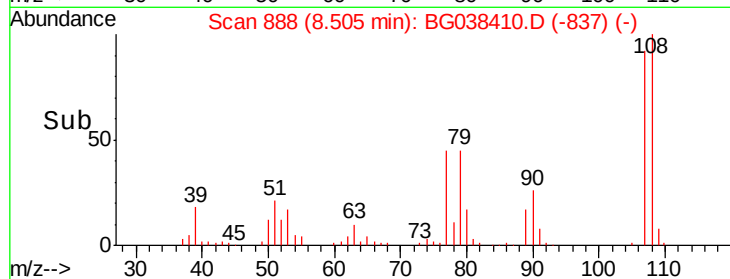
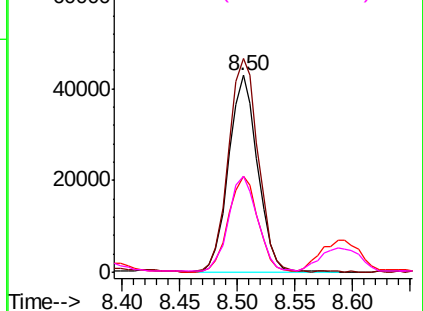
#17
2-Methylphenol
Concen: 43.099 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion:107 Resp: 74891
Ion Ratio Lower Upper
107 100
108 108.6 87.9 131.9
77 48.5 35.1 52.7
79 48.5 34.5 51.7

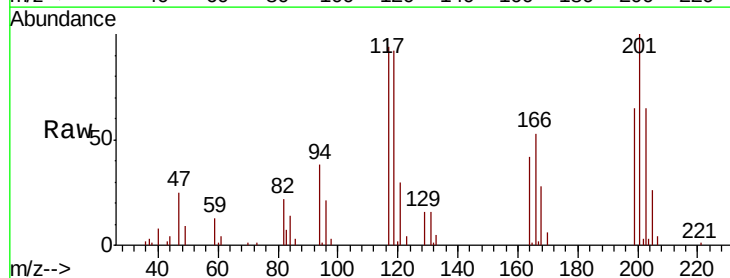


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

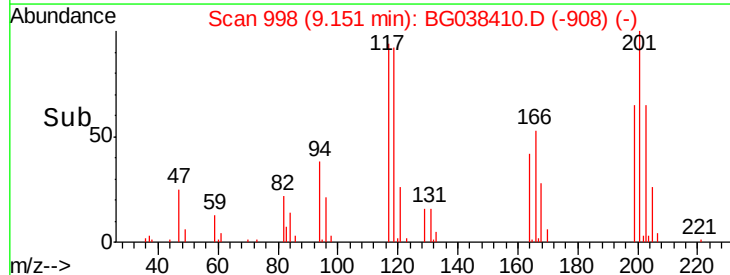
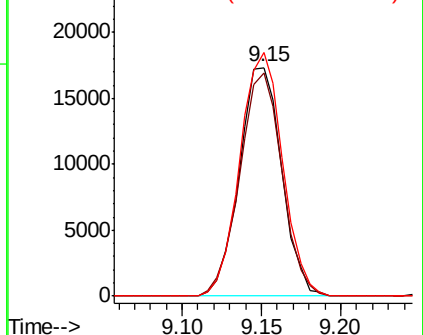


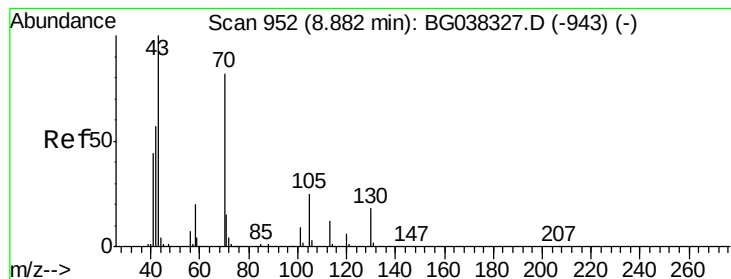
#18
Hexachloroethane
Concen: 38.612 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:117 Resp: 32147
Ion Ratio Lower Upper
117 100
119 97.6 74.6 111.8
201 106.5 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: 40.153 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

Tgt Ion: 70 Resp: 69653

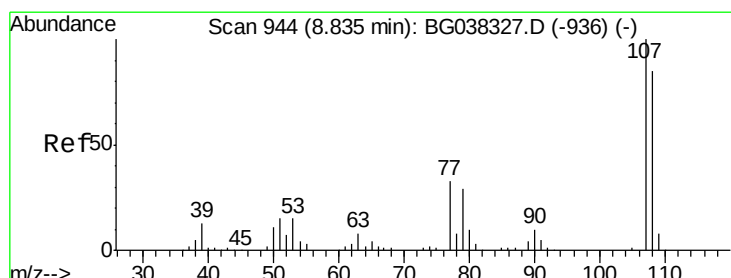
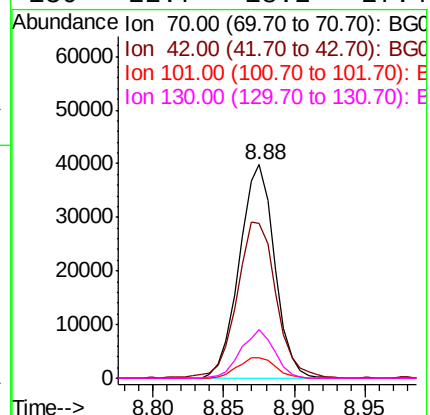
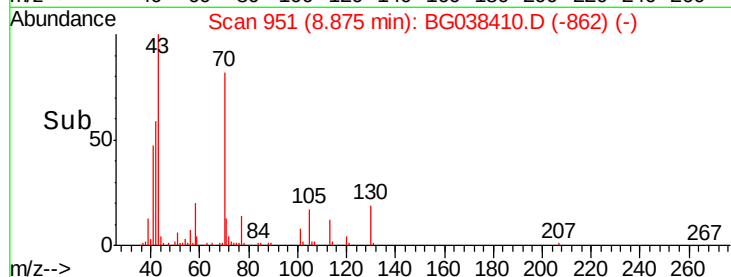
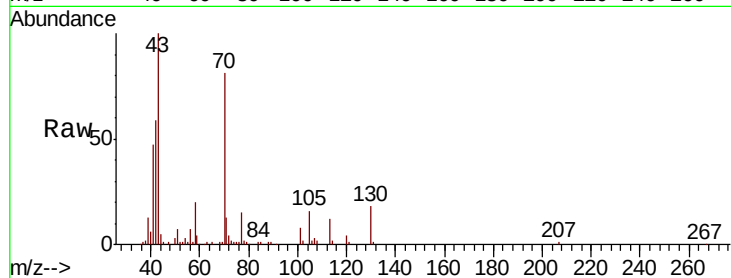
Ion Ratio Lower Upper

70 100

42 72.5 53.9 80.9

101 9.8 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 39.690 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Tgt Ion: 107 Resp: 100293

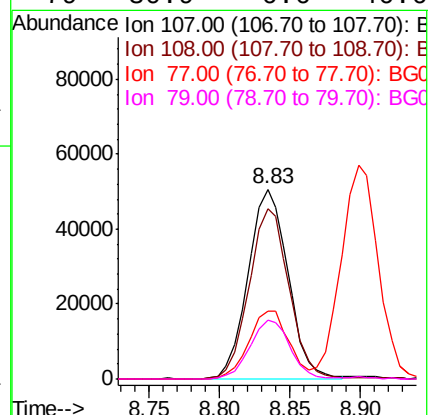
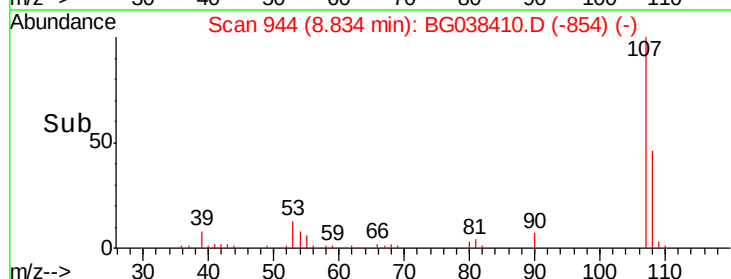
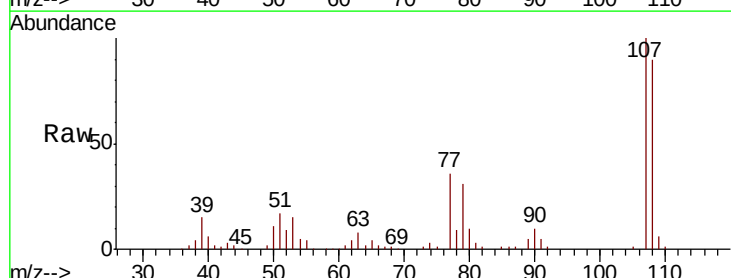
Ion Ratio Lower Upper

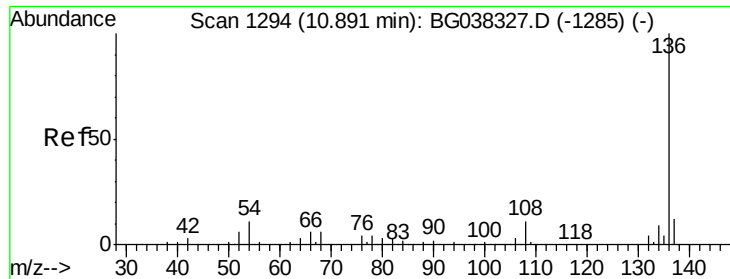
107 100

108 89.9 69.9 109.9

77 35.9 11.2 51.2

79 30.9 6.6 46.6

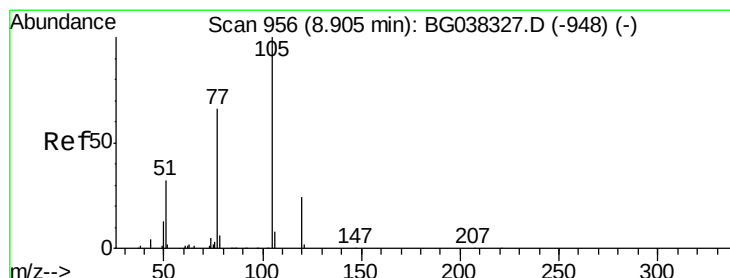
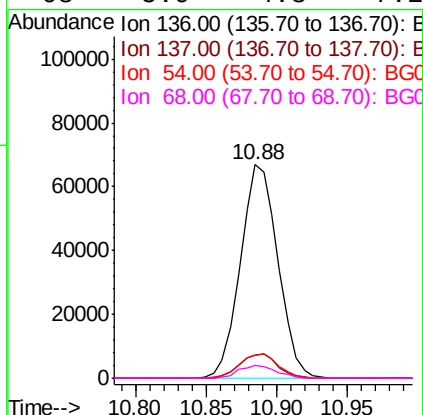
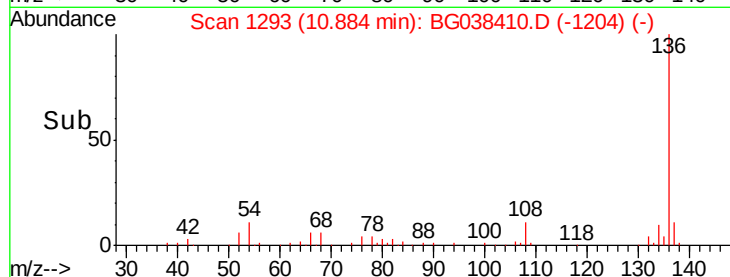
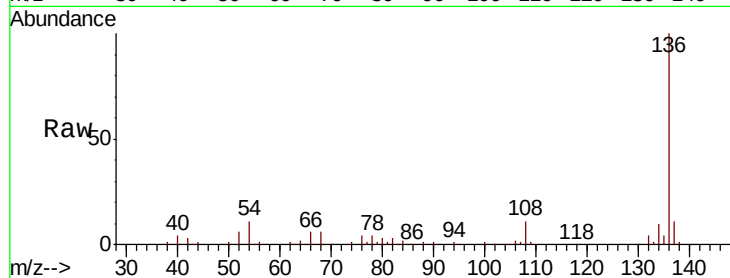




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

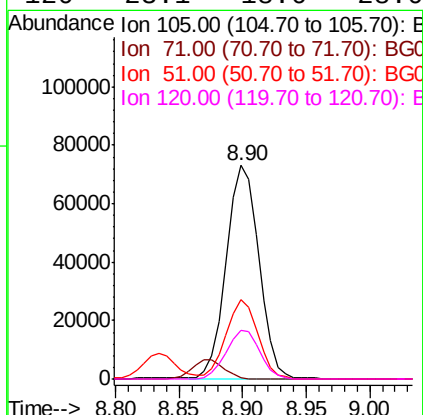
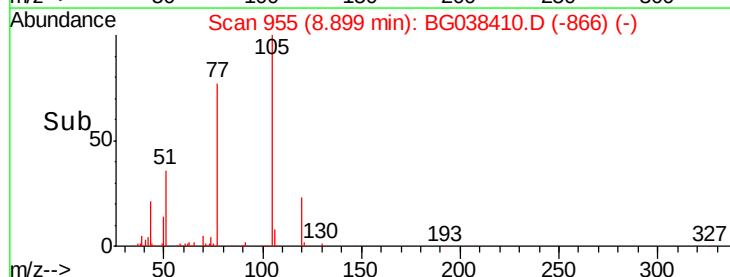
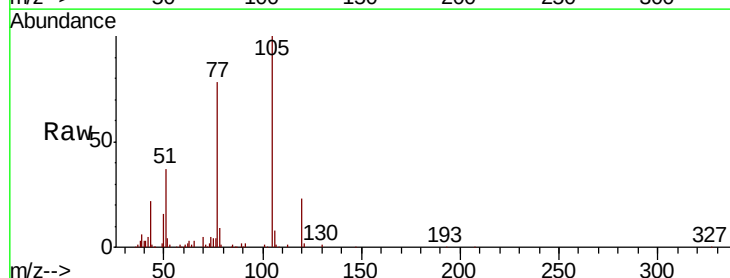
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

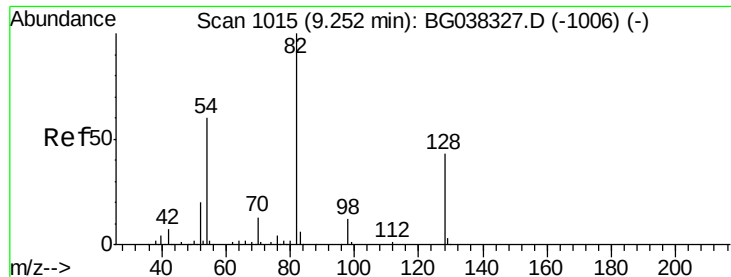
Tgt Ion:	136	Resp:	123864
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.8	7.9	11.9
68	5.9	4.8	7.2



#22
Acetophenone
Concen: 44.006 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:	105	Resp:	130794
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	37.0	25.0	37.6
120	23.1	18.6	28.0

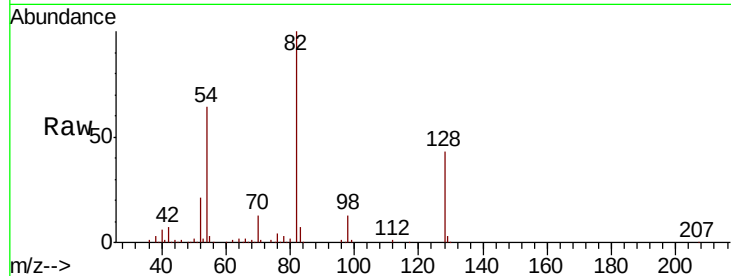




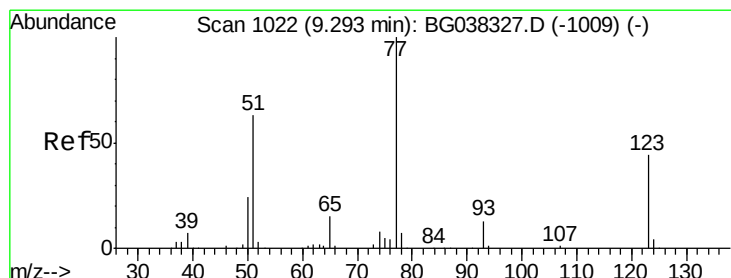
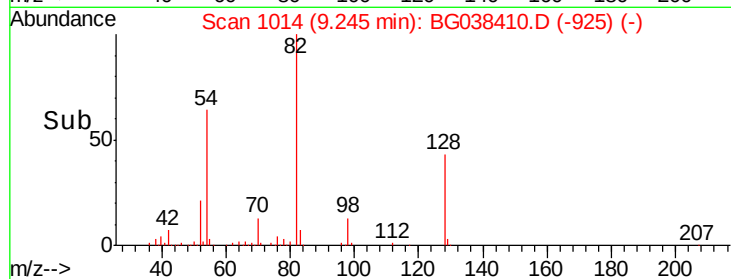
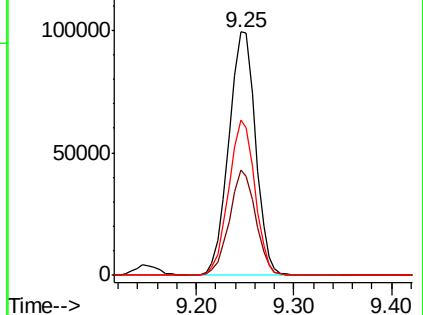
#23
 Nitrobenzene-d5
 Concen: 76.102 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	63.9	45.3	67.9

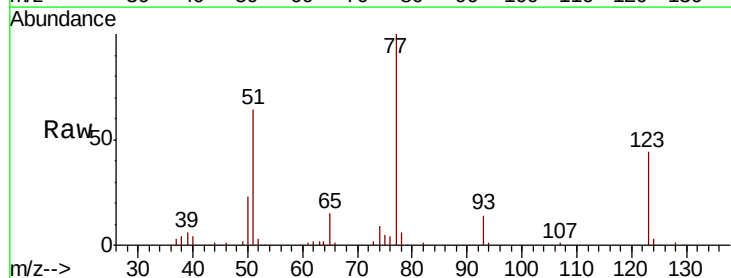


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

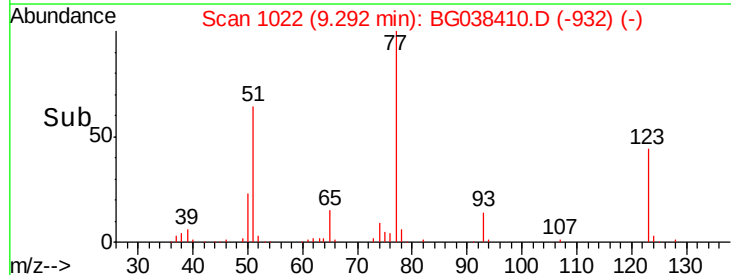
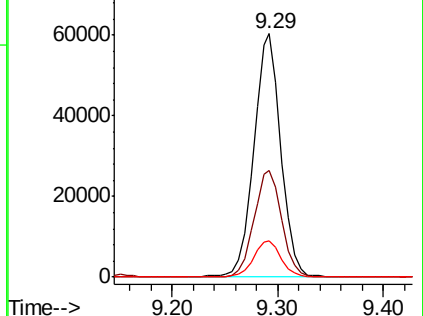


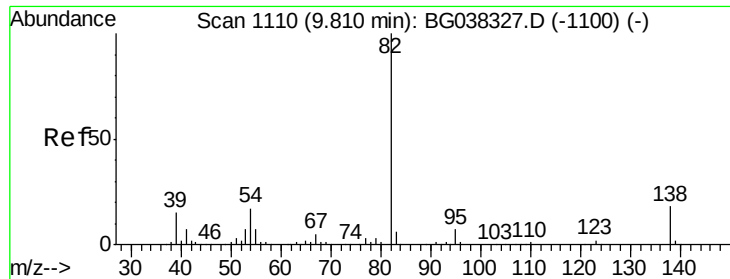
#24
 Nitrobenzene
 Concen: 42.307 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.6	50.4
65	14.6	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.839 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

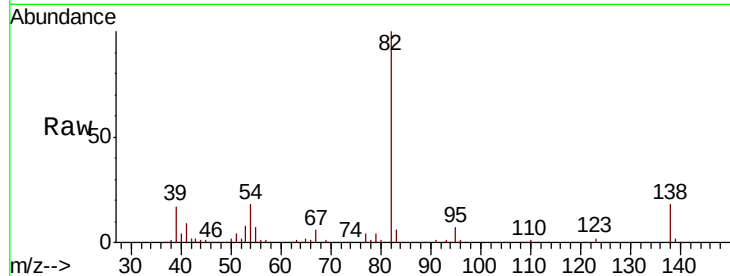
Tgt Ion: 82 Resp: 205361

Ion Ratio Lower Upper

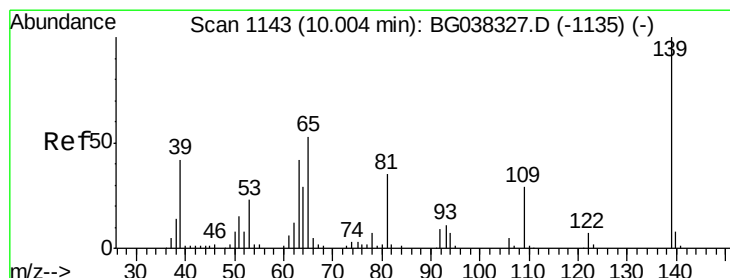
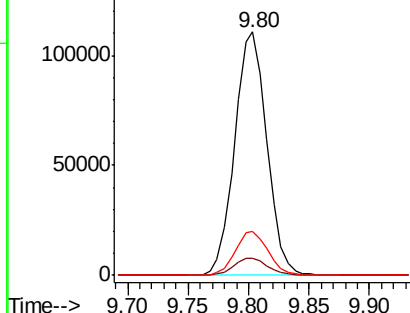
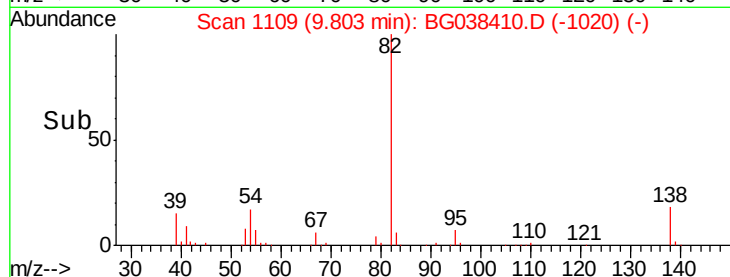
82 100

95 7.2 5.3 7.9

138 17.9 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: 44.814 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

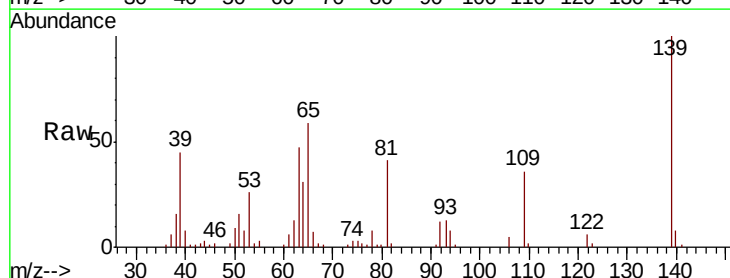
Tgt Ion: 139 Resp: 52632

Ion Ratio Lower Upper

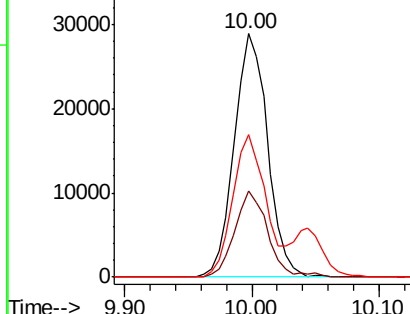
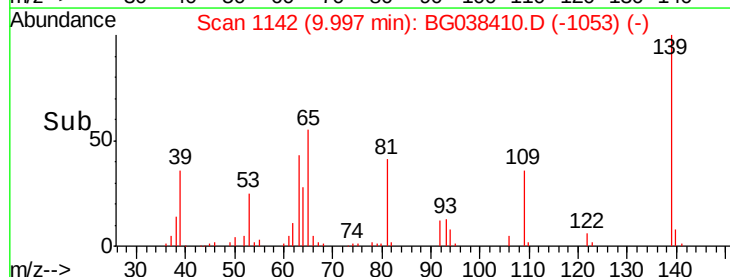
139 100

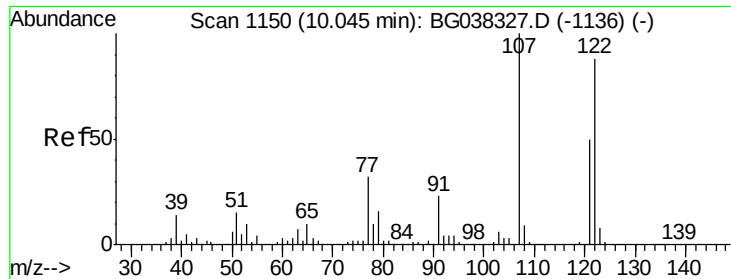
109 35.6 23.3 34.9#

65 58.7 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

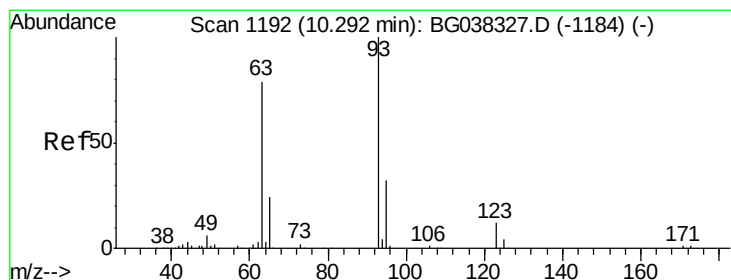
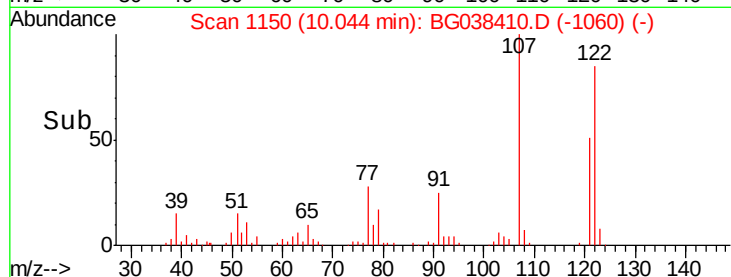
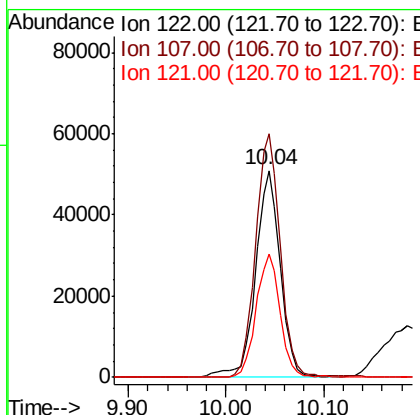
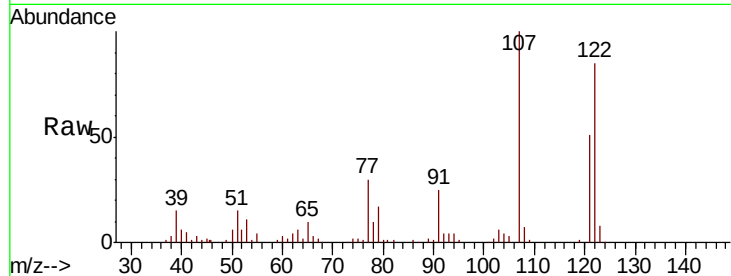




#27
 2,4-Dimethylphenol
 Concen: 53.968 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

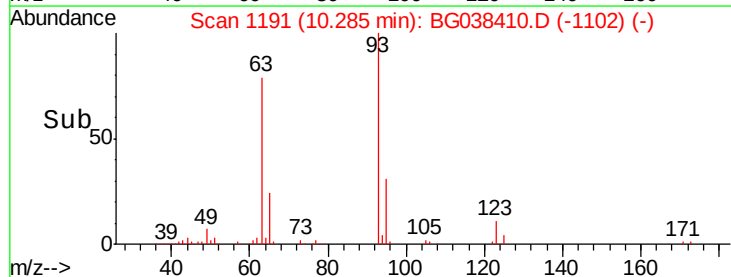
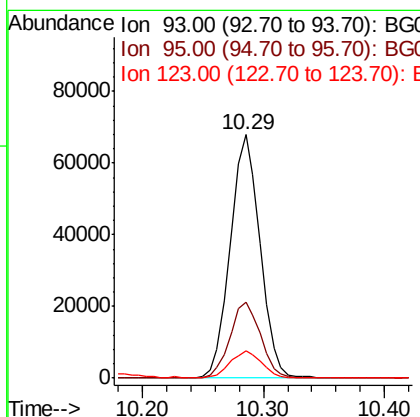
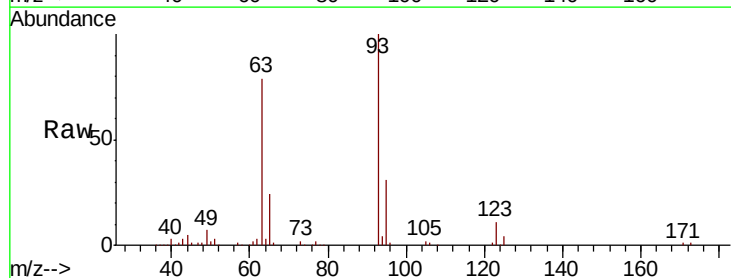
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

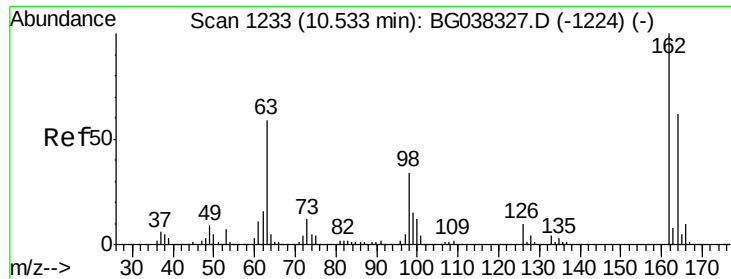
Tgt Ion:122 Resp: 91038
 Ion Ratio Lower Upper
 122 100
 107 117.8 94.2 141.2
 121 59.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.430 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion: 93 Resp: 116698
 Ion Ratio Lower Upper
 93 100
 95 31.4 24.6 37.0
 123 11.4 9.1 13.7

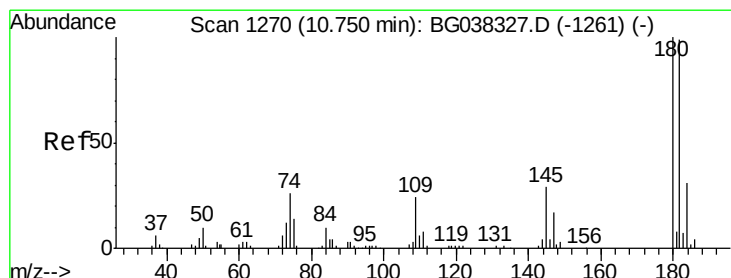
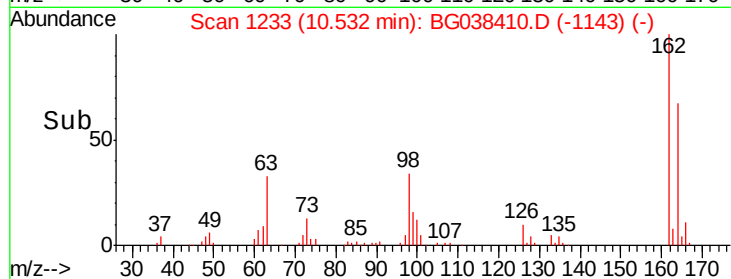
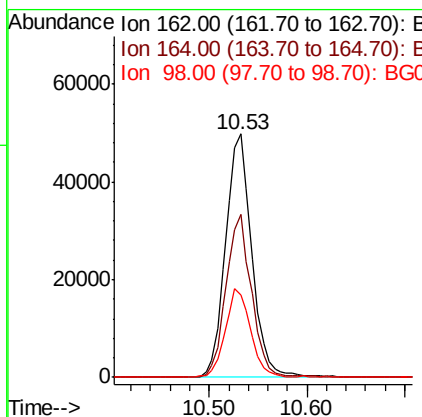
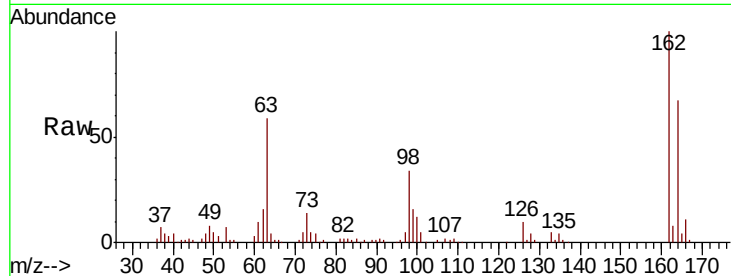




#29
 2,4-Dichlorophenol
 Concen: 48.013 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

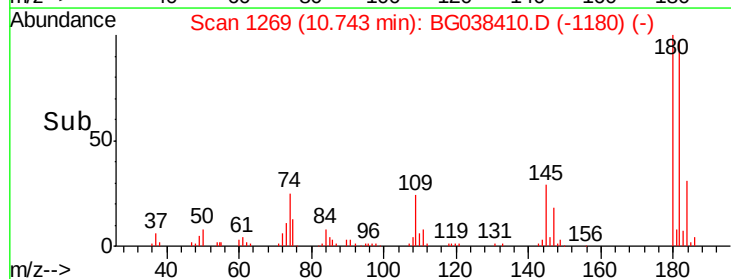
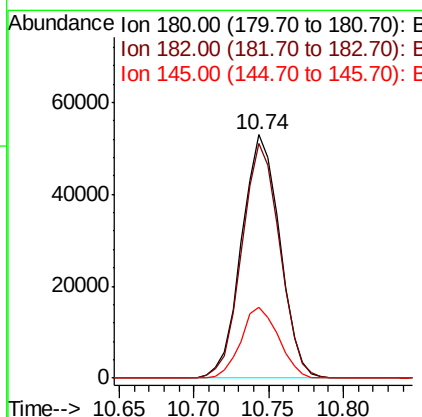
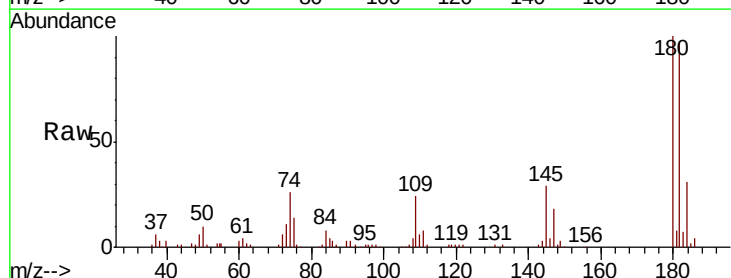
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

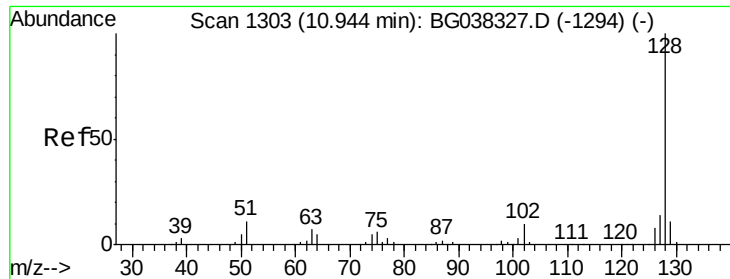
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	43.2	83.2
98	33.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.451 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.7	116.5
145	29.2	23.3	34.9

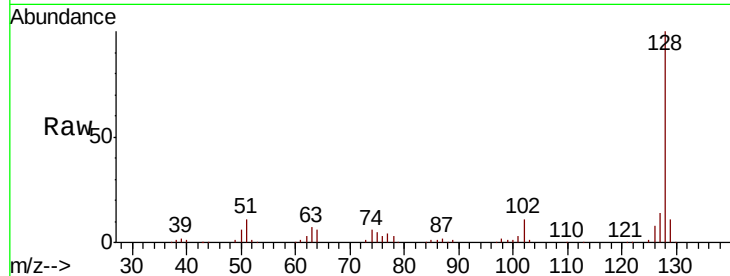




#31
Naphthalene
Concen: 45.597 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.0	11.1	16.7

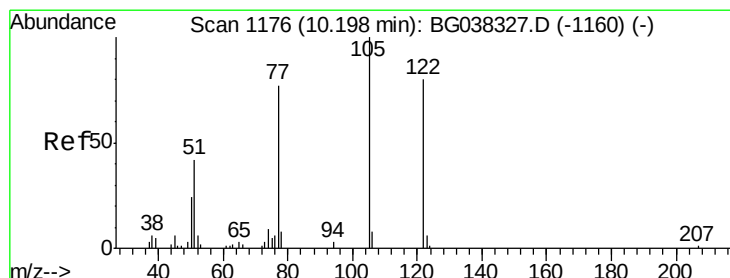
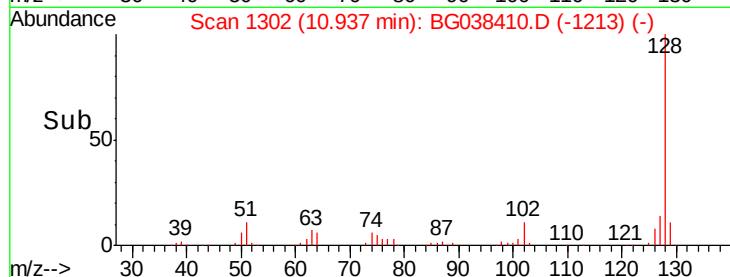
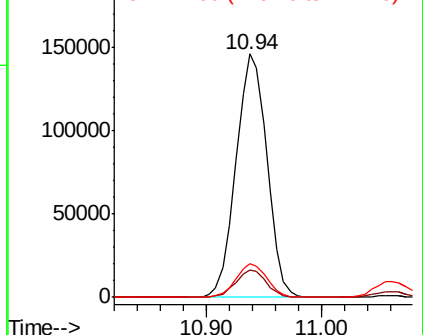


Abundance

Ion 128.00 (127.70 to 128.70): E

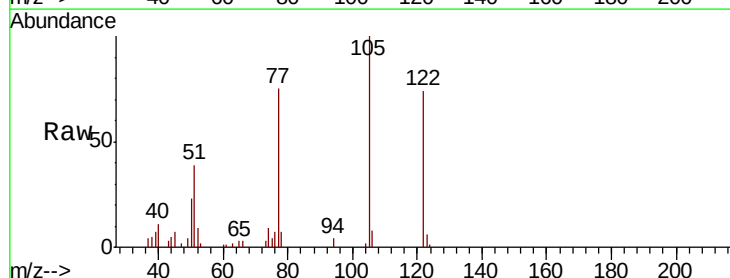
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.819 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	106.7	146.7
77	100.3	72.2	112.2

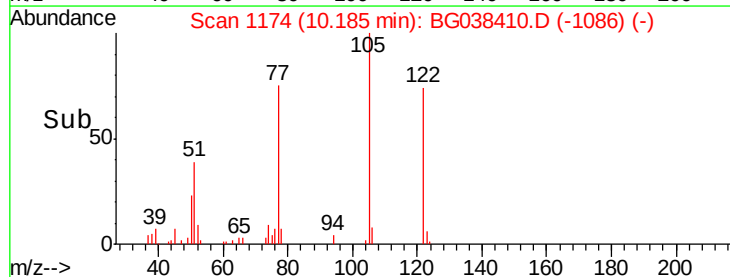
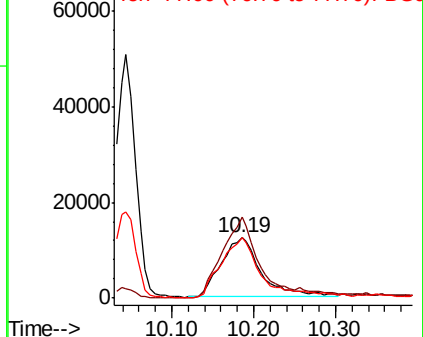


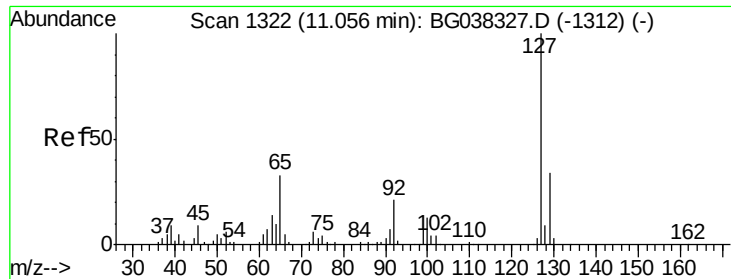
Abundance

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

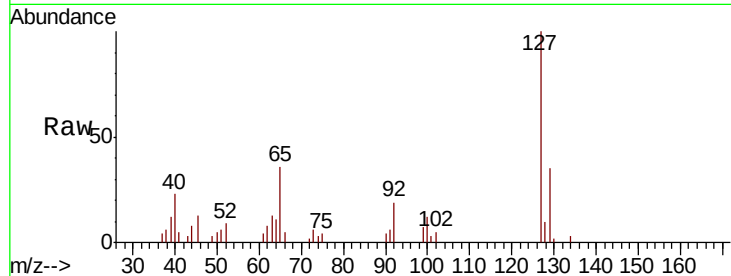




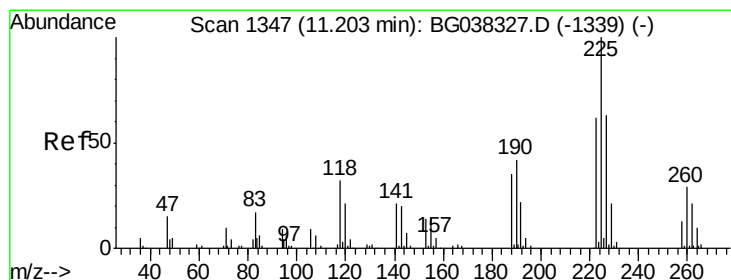
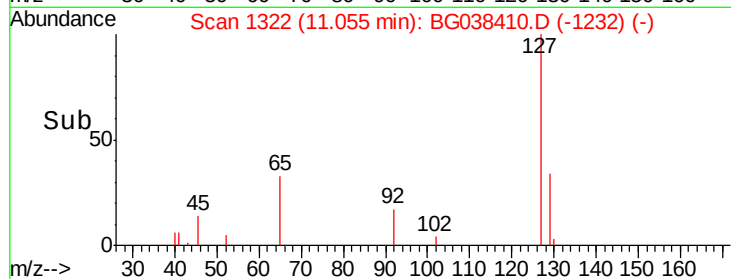
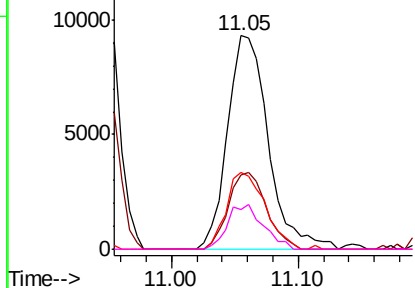
#33
4-Chloroaniline
Concen: 7.908 ng
RT: 11.05 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion:	127	Resp:	20713
Ion	Ratio	Lower	Upper
127	100		
129	34.8	27.1	40.7
65	35.7	26.6	39.8
92	18.6	16.4	24.6

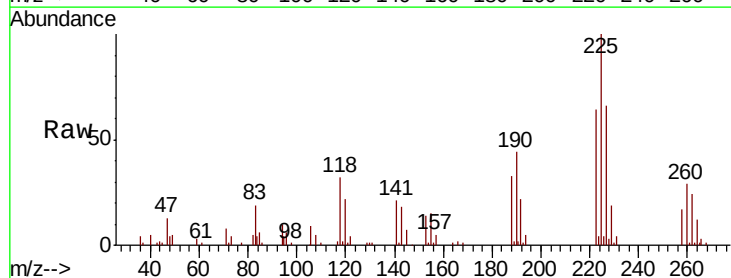


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

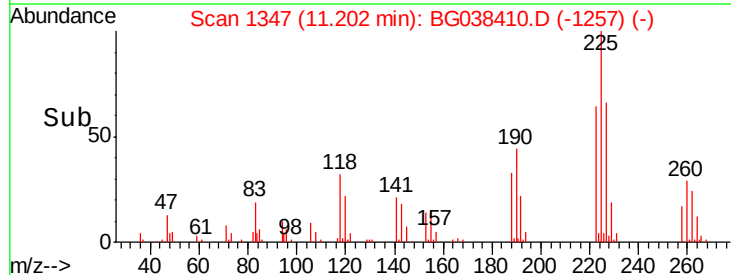
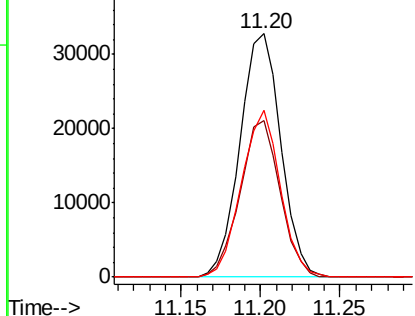


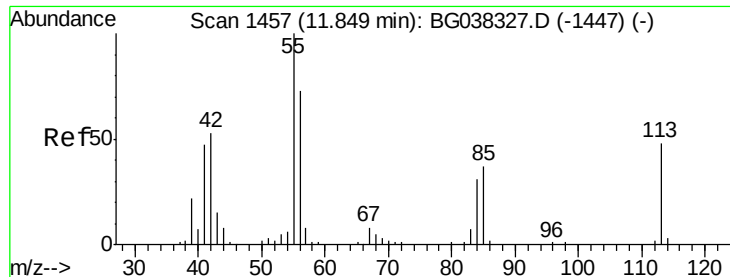
#34
Hexachlorobutadiene
Concen: 41.569 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:	225	Resp:	58785
Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.2	72.4
227	65.7	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

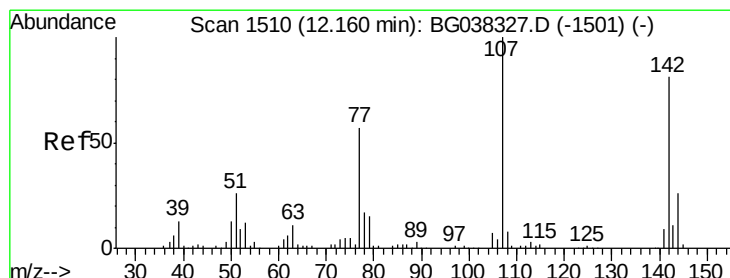
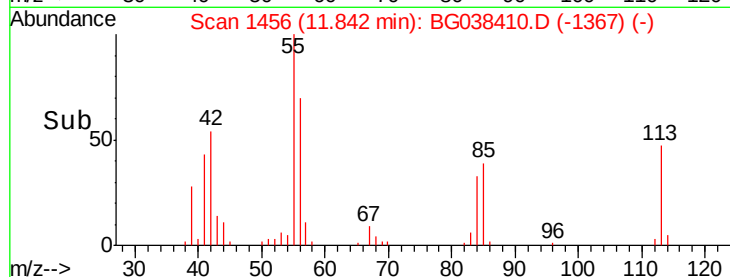
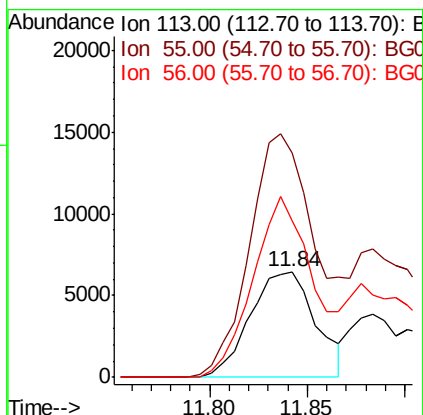
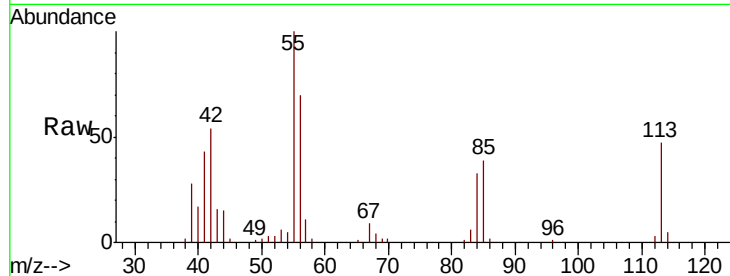




#35
 Caprolactam
 Concen: 18.812 ng
 RT: 11.84 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

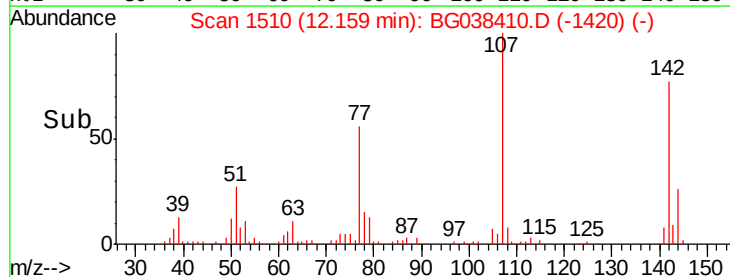
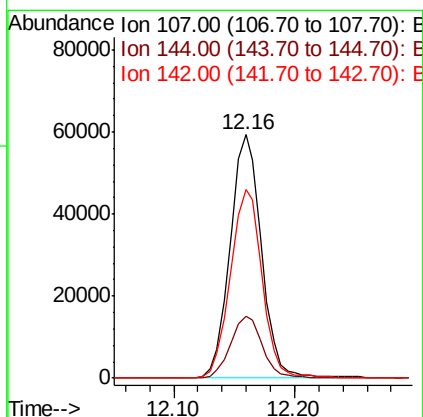
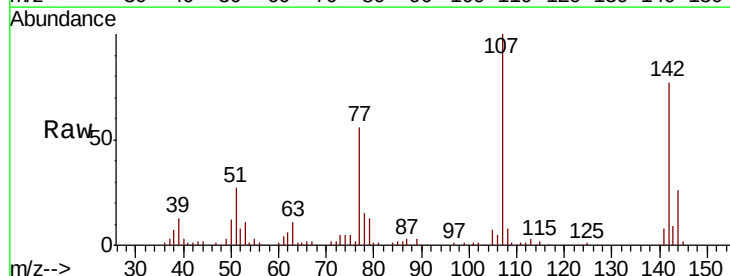
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

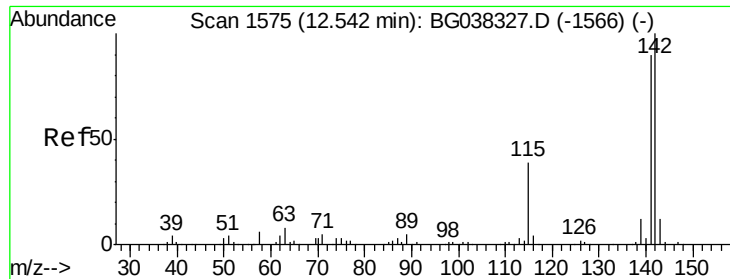
Tgt Ion:113 Resp: 14980
 Ion Ratio Lower Upper
 113 100
 55 211.9 176.6 216.6
 56 148.2 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.908 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:107 Resp: 106778
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 77.3 64.4 96.6

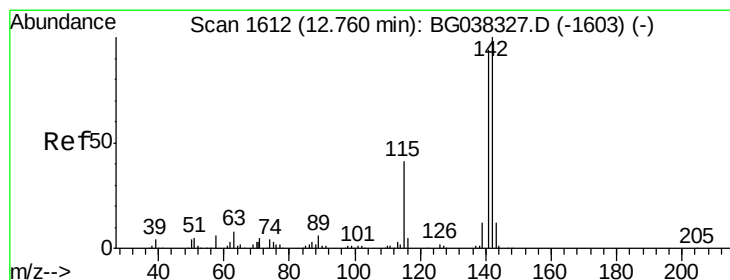
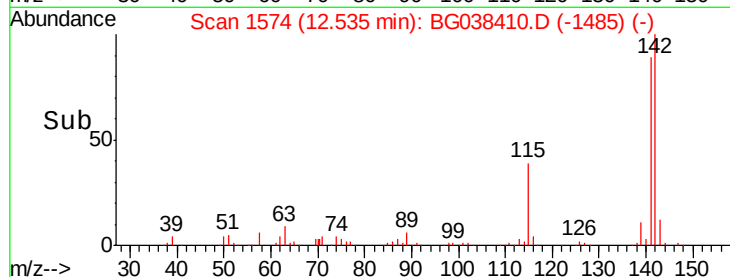
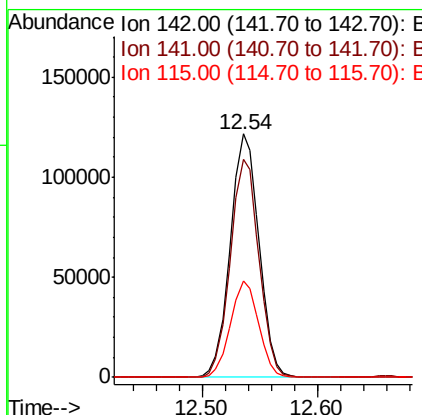
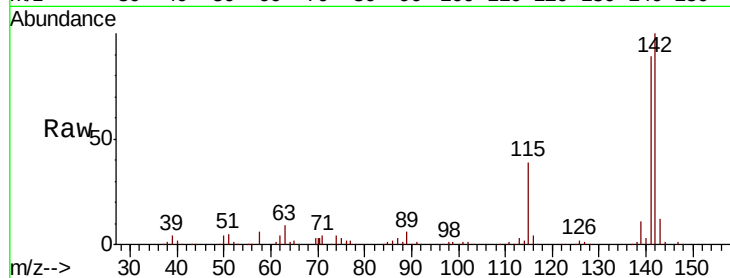




#37
 2-Methylnaphthalene
 Concen: 49.643 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

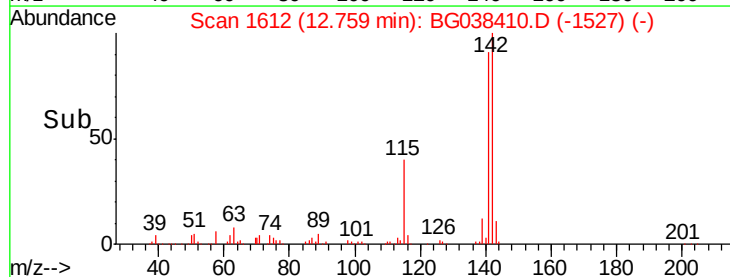
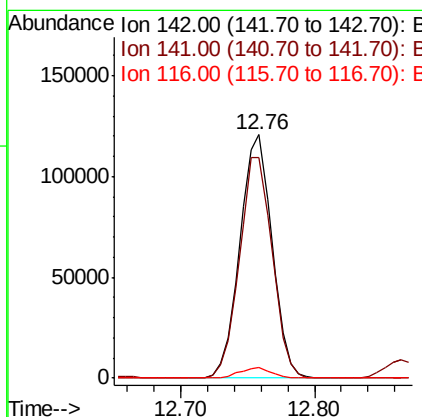
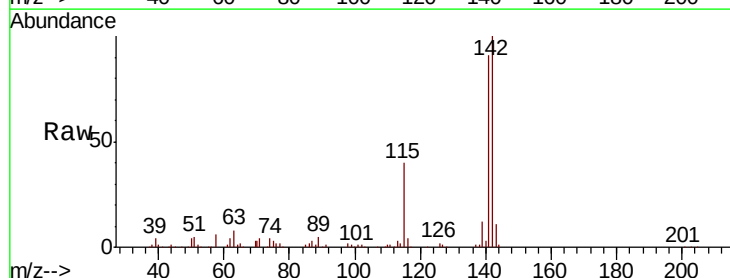
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

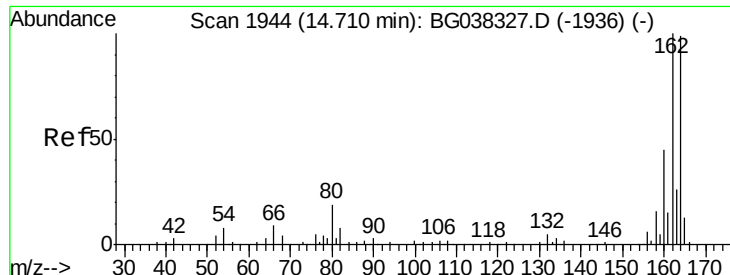
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	39.4	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 49.590 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

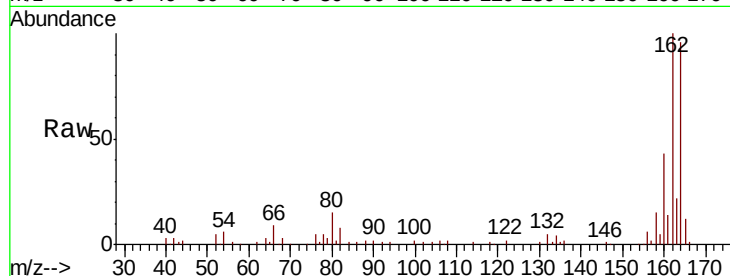
Tgt Ion:164 Resp: 81162

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

160 44.6 36.3 54.5

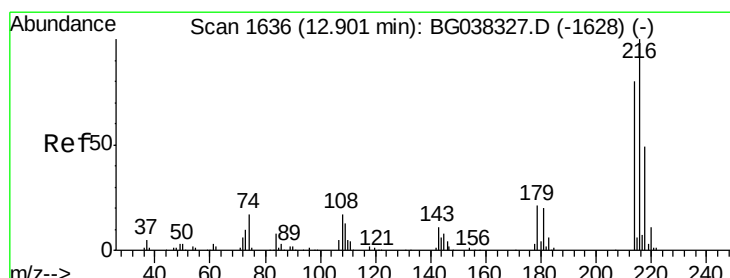
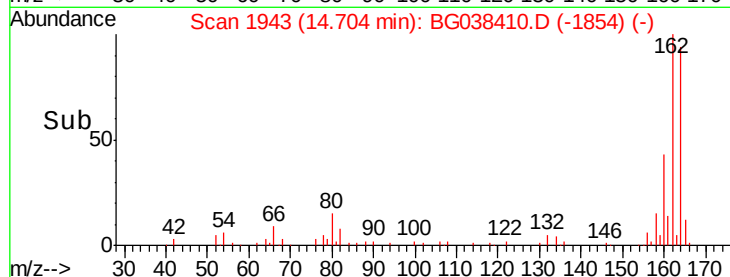
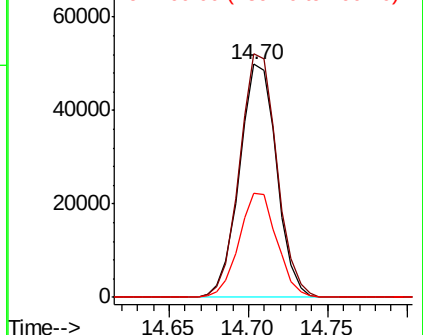


Abundance

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: 42.118 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Tgt Ion:216 Resp: 117625

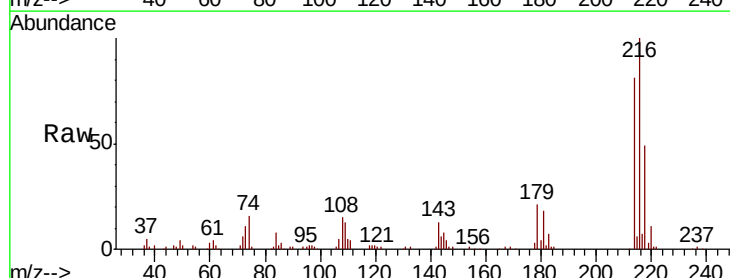
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 20.4 17.4 26.0

108 19.5 13.9 20.9



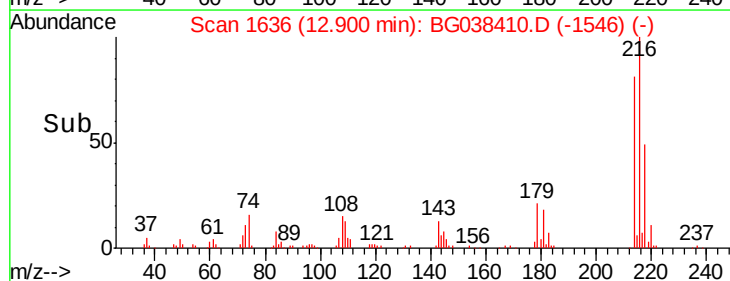
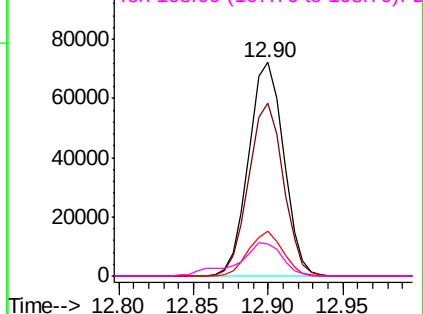
Abundance

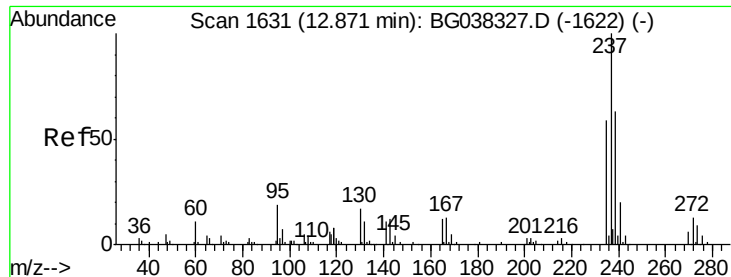
Ion 216.00 (215.70 to 216.70): E

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

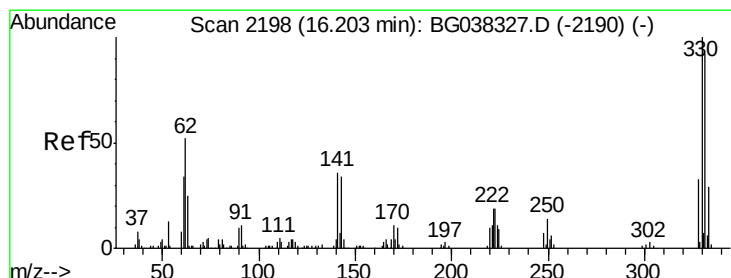
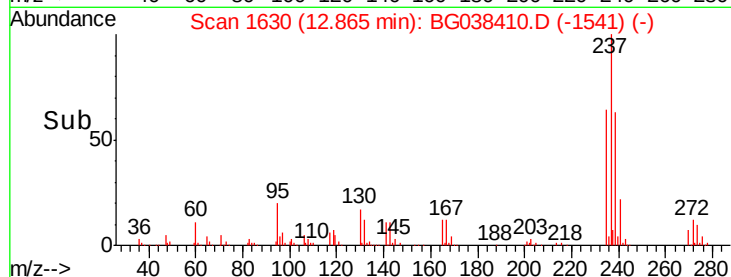
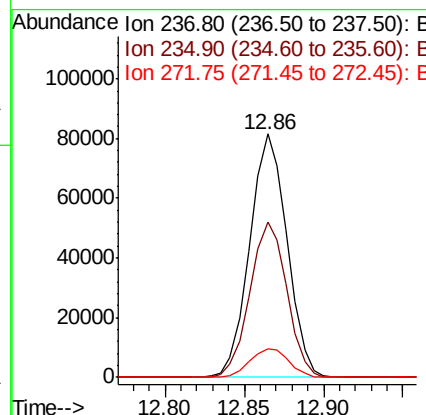
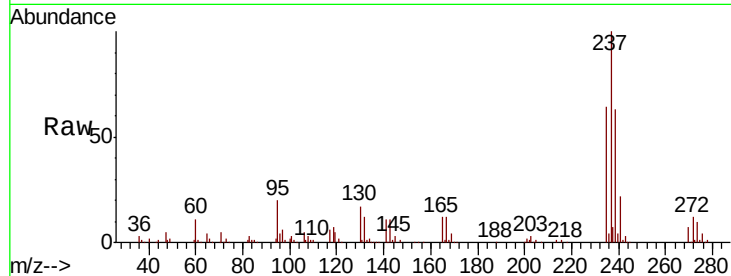




#41
Hexachlorocyclopentadiene
Concen: 86.567 ng
RT: 12.86 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

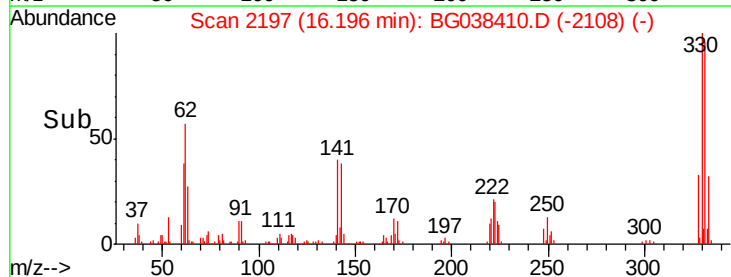
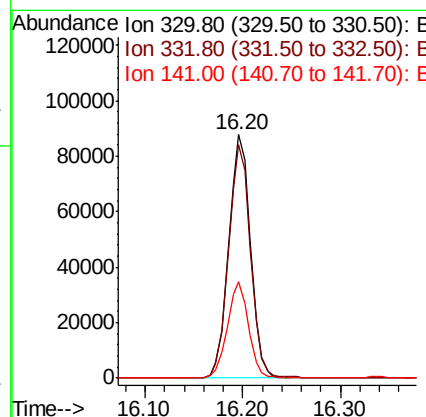
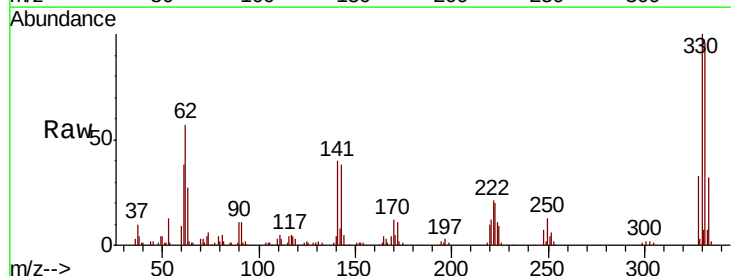
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

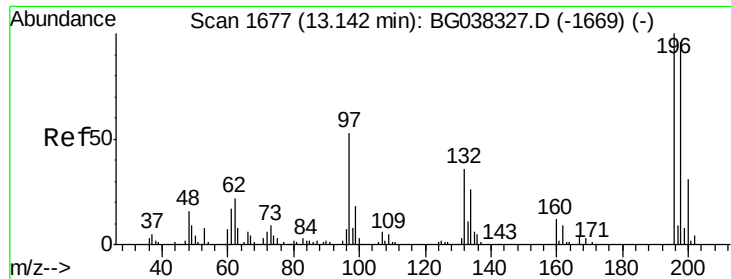
Tgt Ion: 237 Resp: 132858
Ion Ratio Lower Upper
237 100
235 64.0 42.5 82.5
272 11.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 136.473 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion: 330 Resp: 135977
Ion Ratio Lower Upper
330 100
332 96.1 78.4 117.6
141 38.2 32.2 48.2

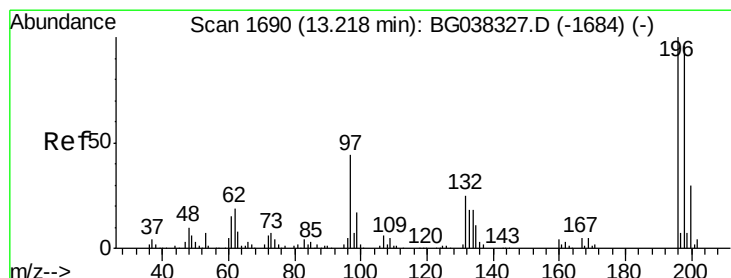
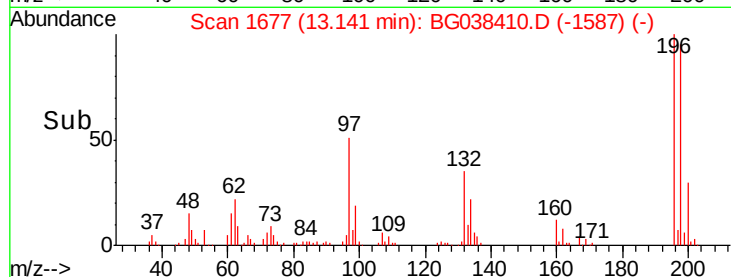
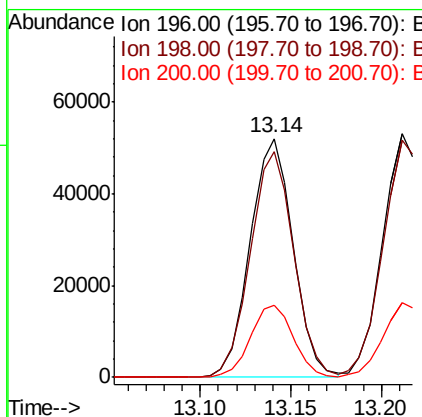
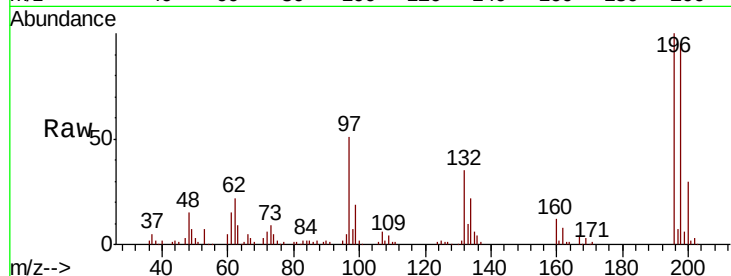




#43
 2,4,6-Trichlorophenol
 Concen: 47.335 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

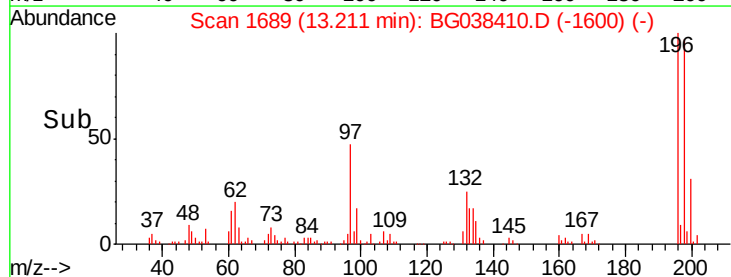
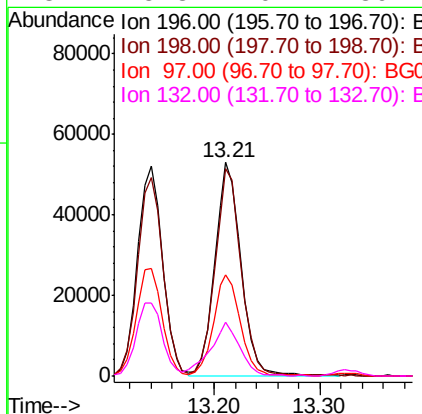
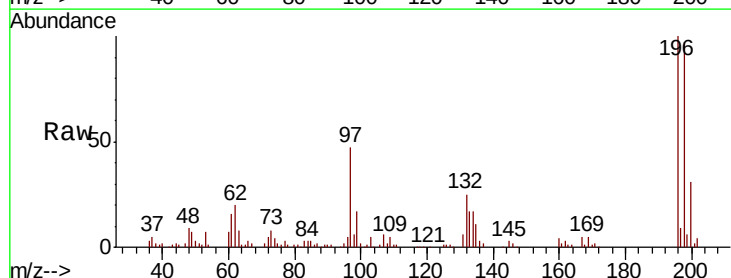
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

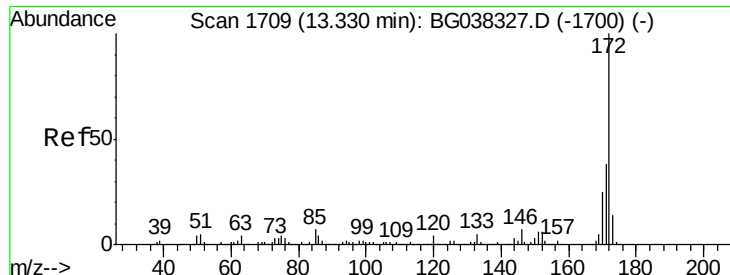
Tgt Ion:196 Resp: 85635
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.4 114.6
 200 30.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.866 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:196 Resp: 91737
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.2 111.2
 97 47.3 34.1 51.1
 132 25.3 20.2 30.4

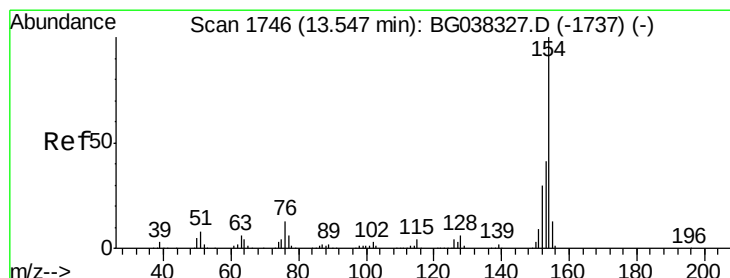
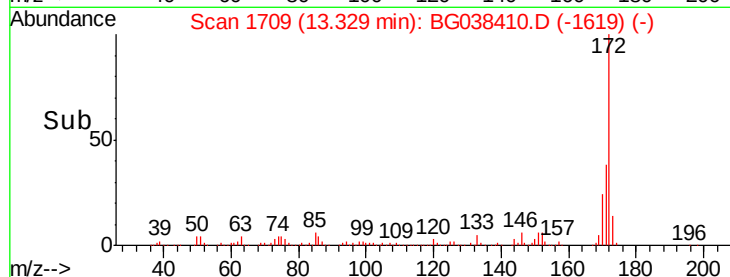
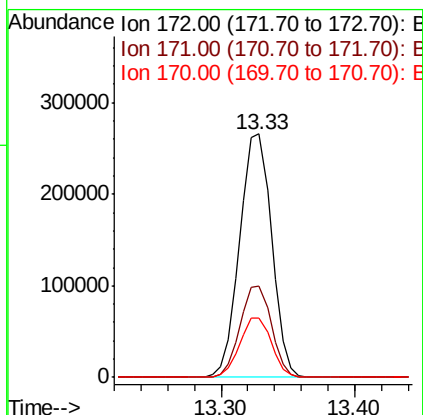
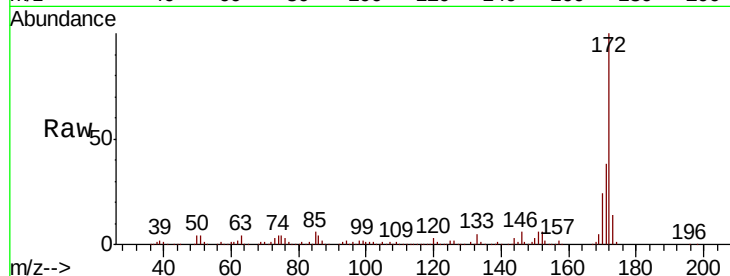




#45
2-Fluorobiphenyl
Concen: 77.442 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

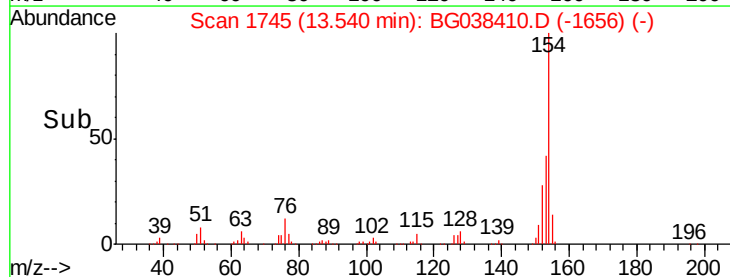
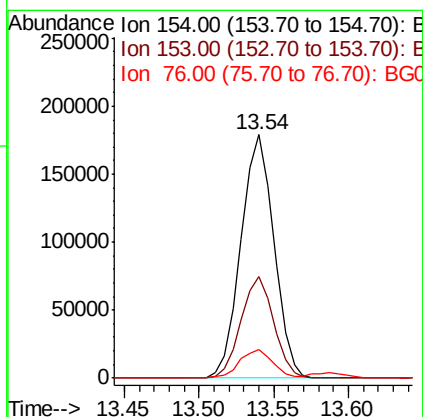
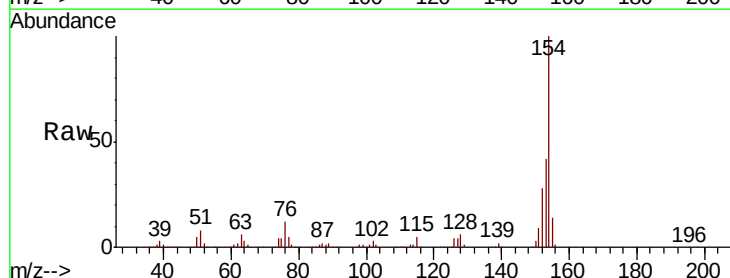
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

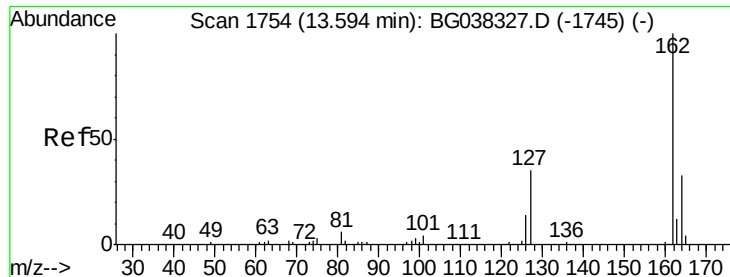
Tgt Ion:172 Resp: 441101
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.000 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:154 Resp: 274423
Ion Ratio Lower Upper
154 100
153 41.7 22.1 62.1
76 11.5 0.0 33.2

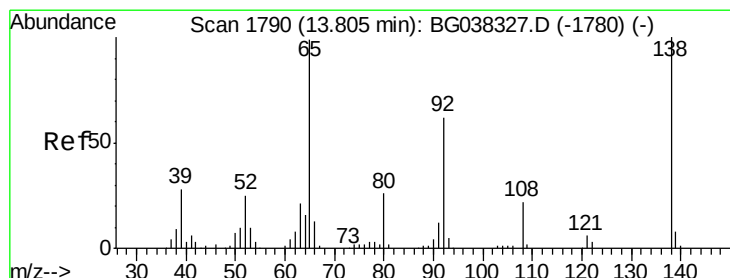
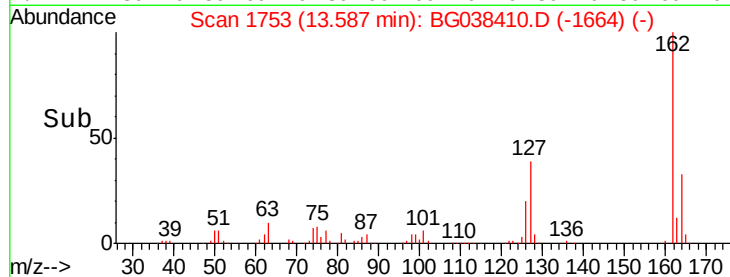
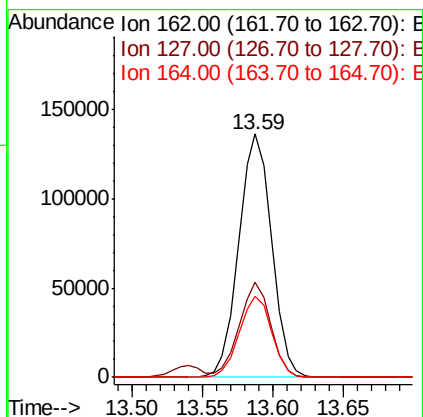
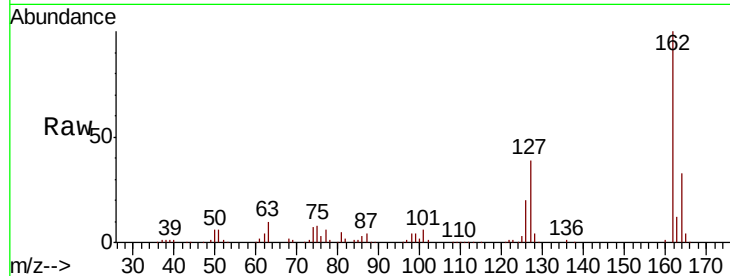




#47
 2-Chloronaphthalene
 Concen: 42.826 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

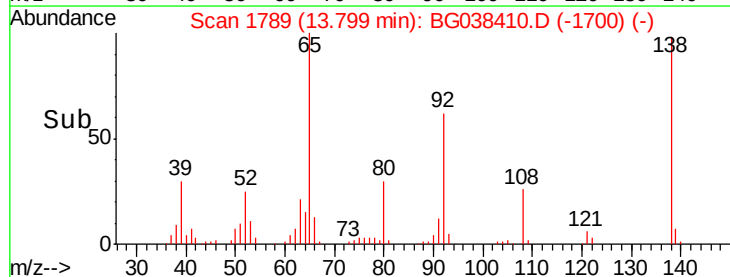
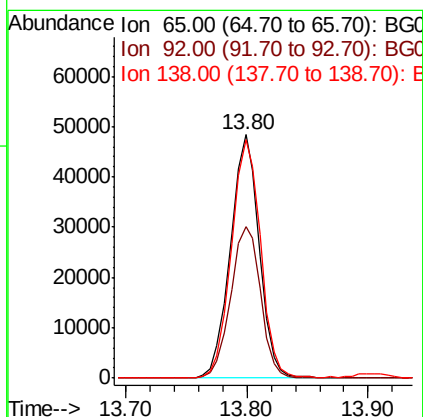
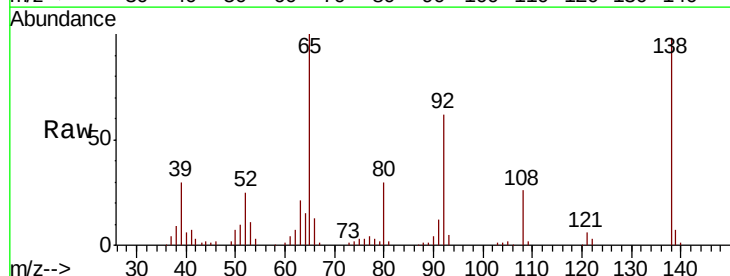
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

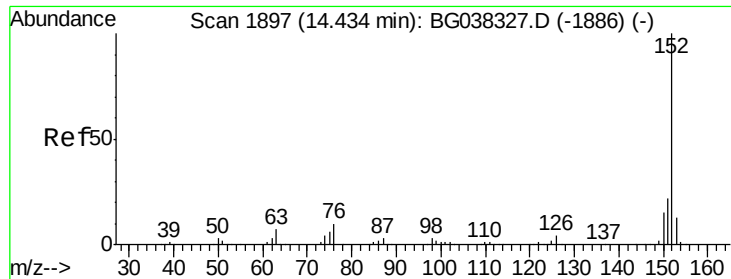
Tgt Ion: 162 Resp: 221705
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 33.4 26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.137 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion: 65 Resp: 80132
 Ion Ratio Lower Upper
 65 100
 92 62.5 53.2 79.8
 138 98.1 79.3 118.9





#49

Acenaphthylene

Concen: 47.301 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

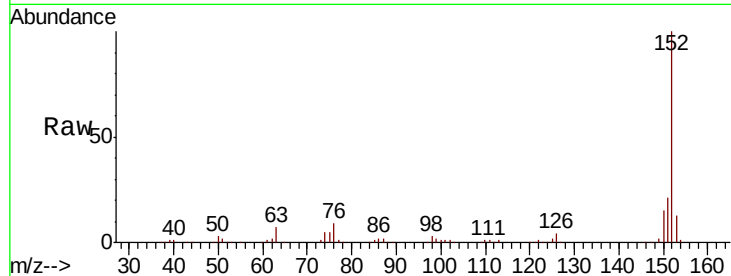
Tgt Ion:152 Resp: 368799

Ion Ratio Lower Upper

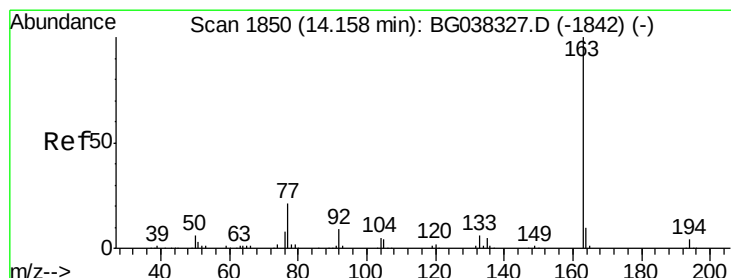
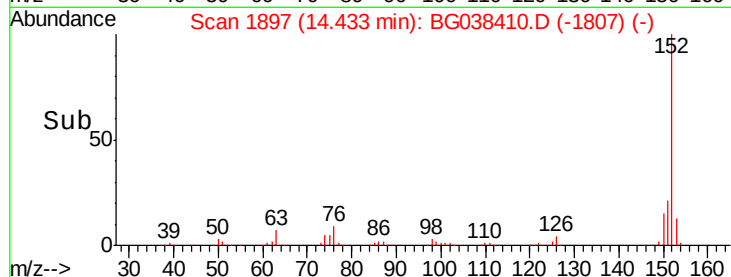
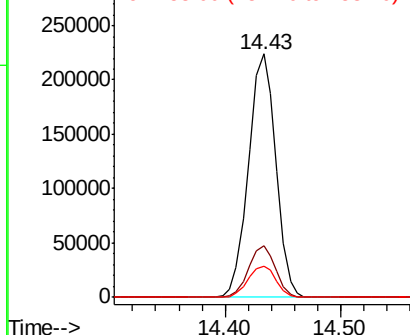
152 100

151 21.0 17.1 25.7

153 13.1 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: 46.590 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

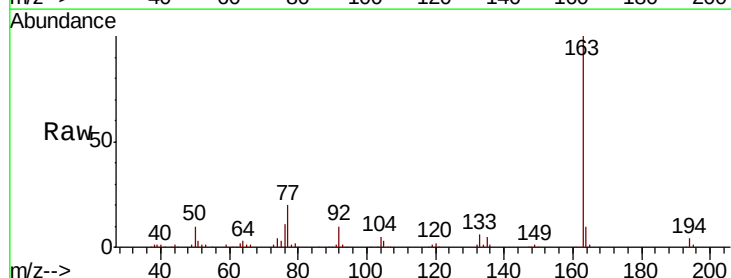
Tgt Ion:163 Resp: 303294

Ion Ratio Lower Upper

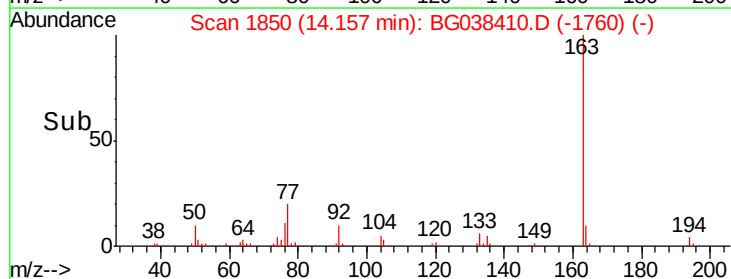
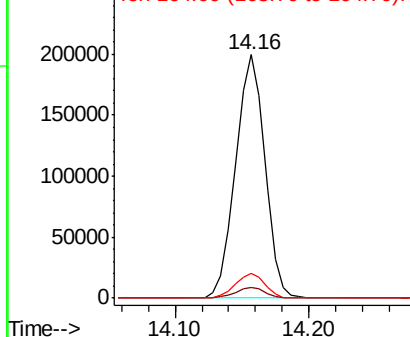
163 100

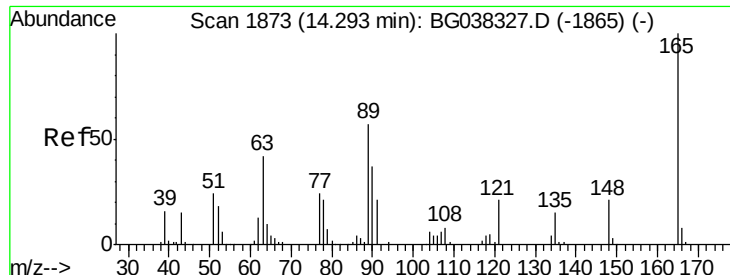
194 4.4 3.5 5.3

164 9.9 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

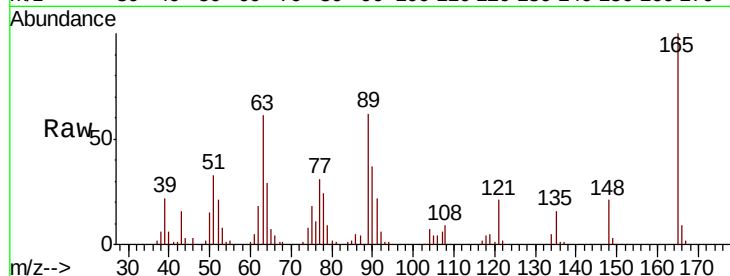




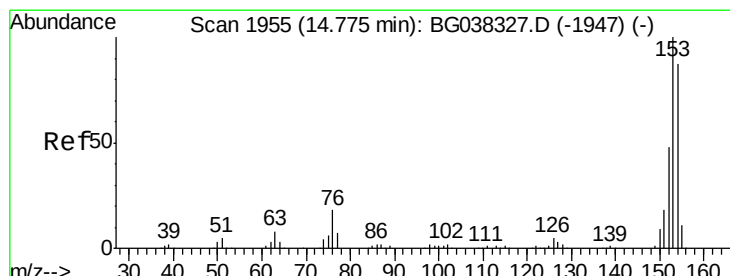
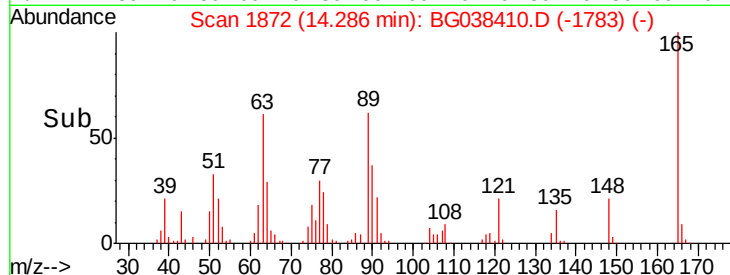
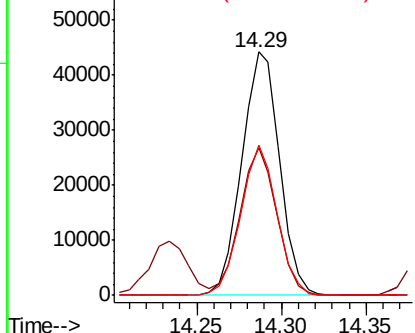
#51
 2,6-Dinitrotoluene
 Concen: 46.081 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.7	43.4	65.2
89	61.5	45.8	68.6

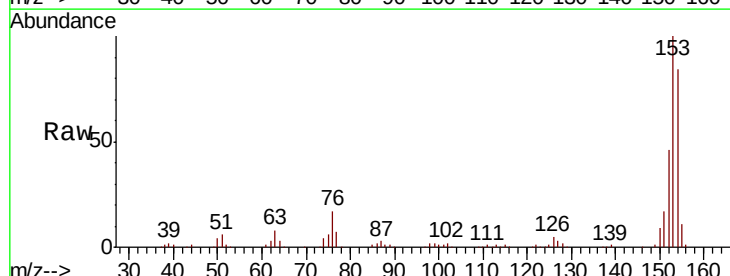


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

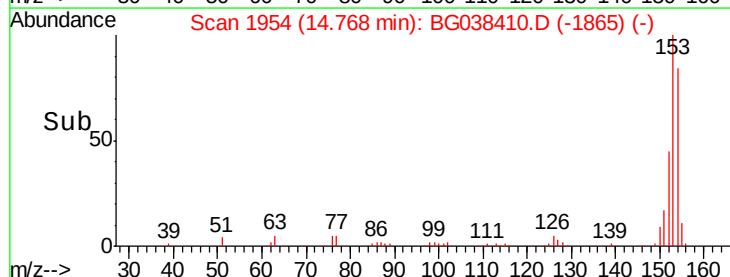
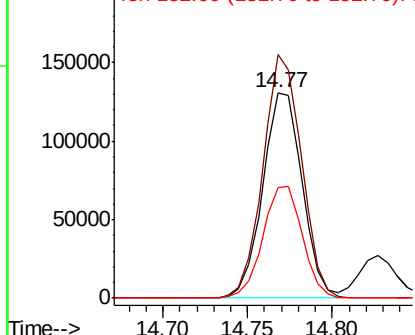


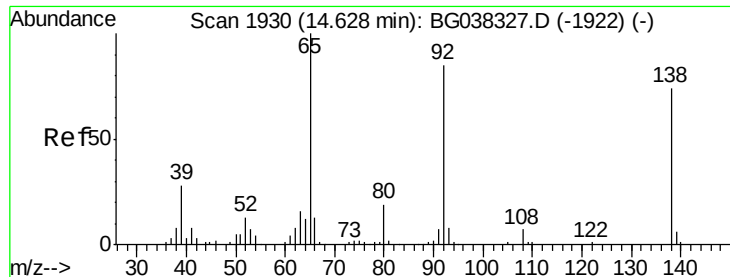
#52
 Acenaphthene
 Concen: 44.431 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.5	93.4	140.0
152	54.0	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: 24.240 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

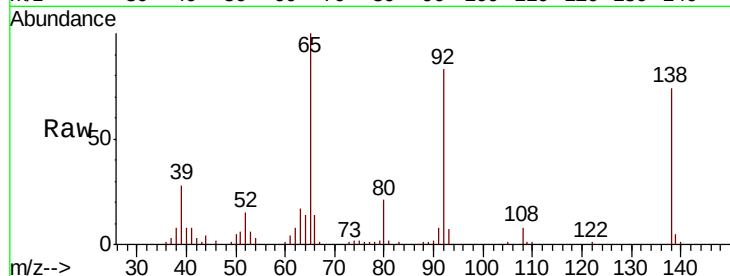
Tgt Ion:138 Resp: 38822

Ion Ratio Lower Upper

138 100

108 10.5 11.0 16.6#

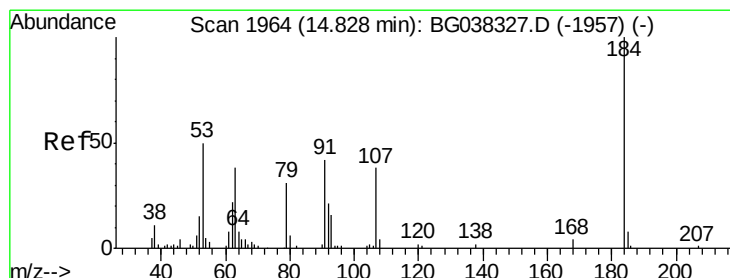
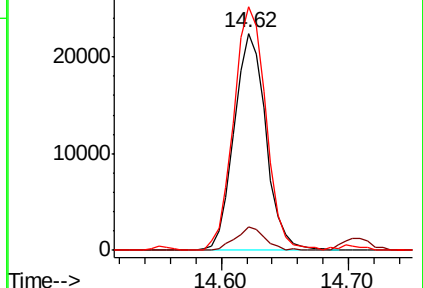
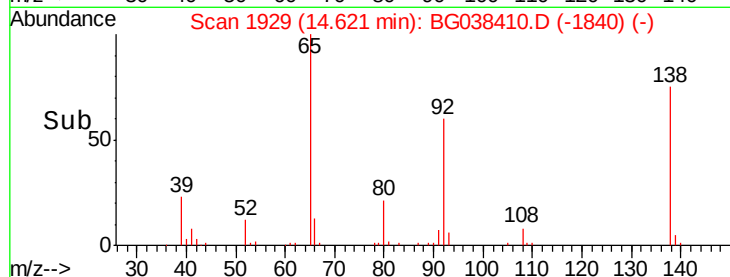
92 112.2 95.2 142.8



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: 85.292 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

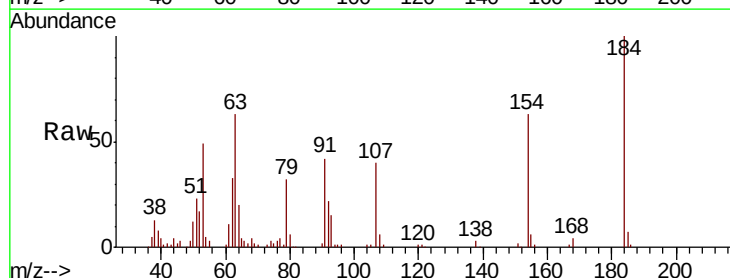
Tgt Ion:184 Resp: 69527

Ion Ratio Lower Upper

184 100

63 63.0 42.6 63.8

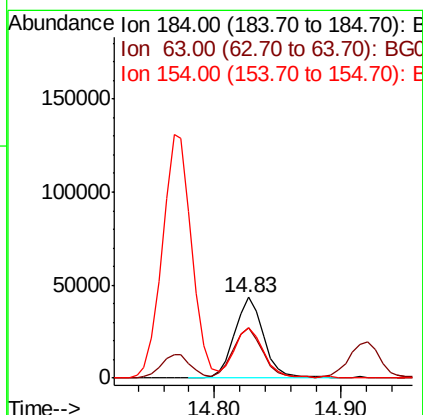
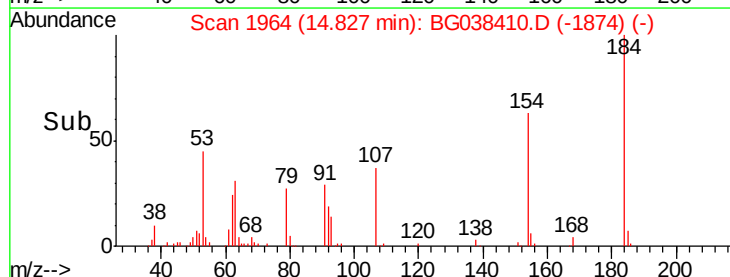
154 63.1 41.8 62.6#

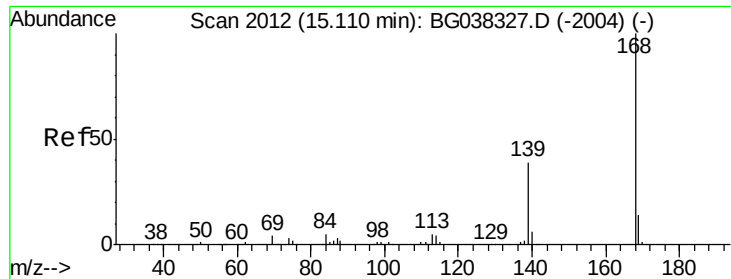


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

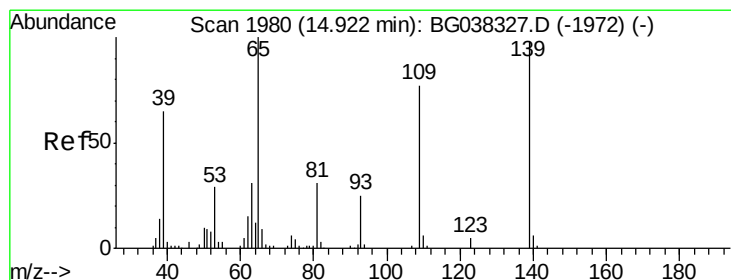
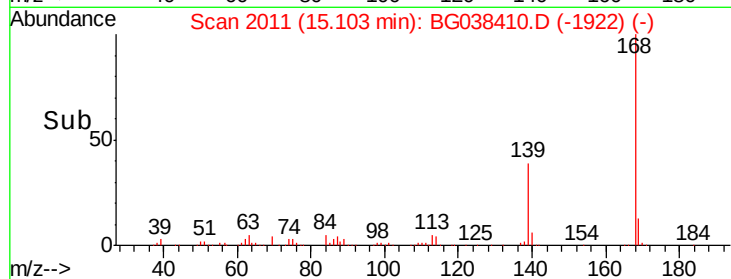
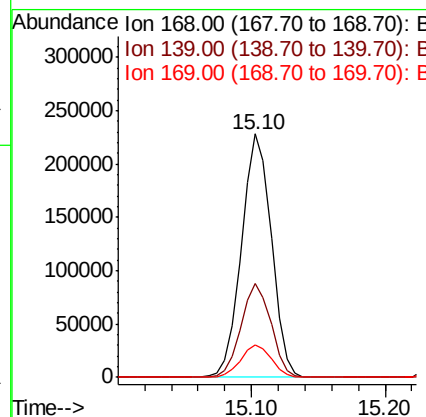
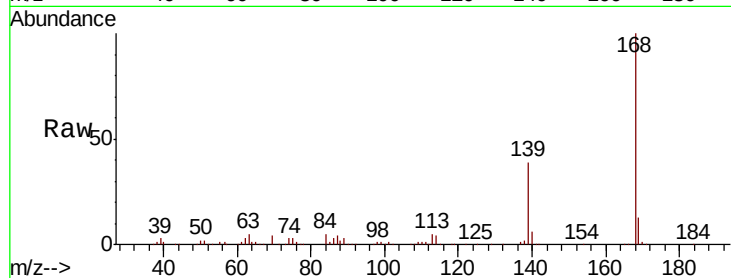




#55
Dibenzenofuran
Concen: 44.940 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

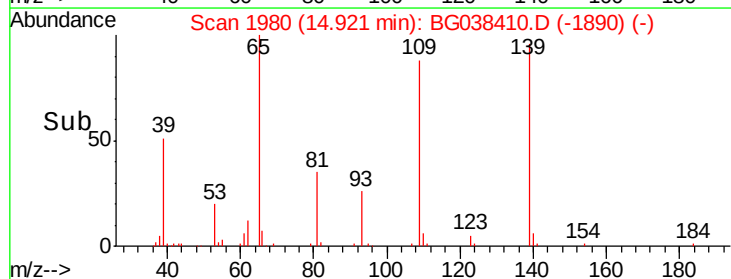
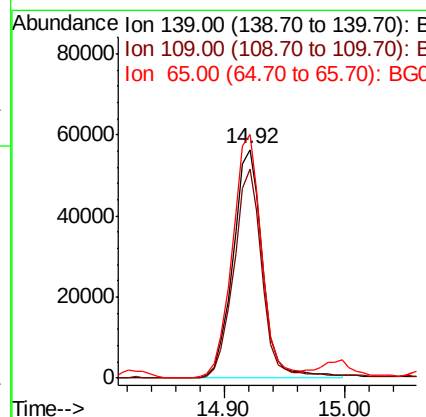
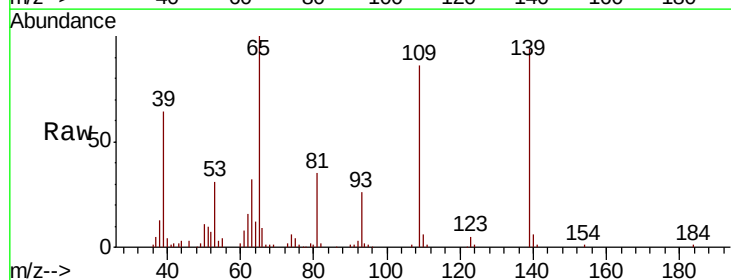
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

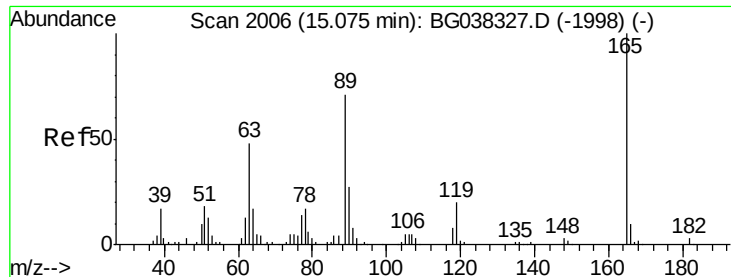
Tgt Ion:168 Resp: 353142
Ion Ratio Lower Upper
168 100
139 38.8 29.4 44.0
169 13.1 11.0 16.6



#56
4-Nitrophenol
Concen: 75.885 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:139 Resp: 96004
Ion Ratio Lower Upper
139 100
109 91.3 49.5 89.5#
65 106.4 76.8 116.8





#57

2,4-Dinitrotoluene

Concen: 47.496 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

Tgt Ion:165 Resp: 97414

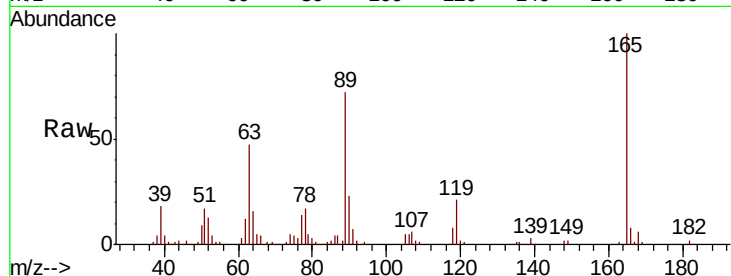
Ion Ratio Lower Upper

165 100

63 46.7 33.4 50.0

89 71.9 57.2 85.8

182 2.5 2.6 4.0#



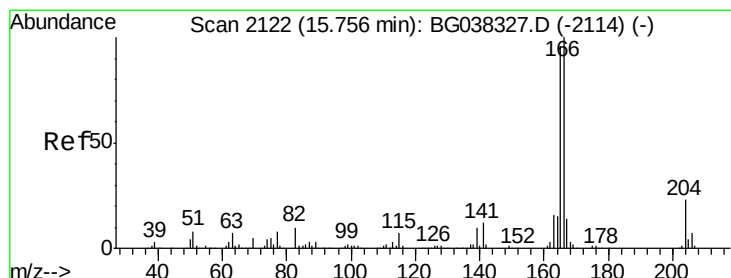
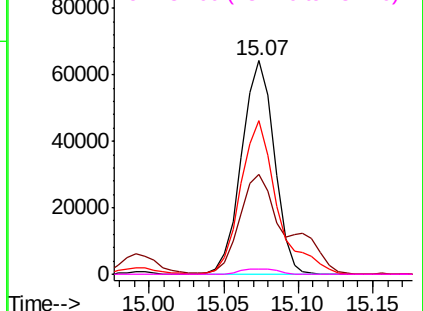
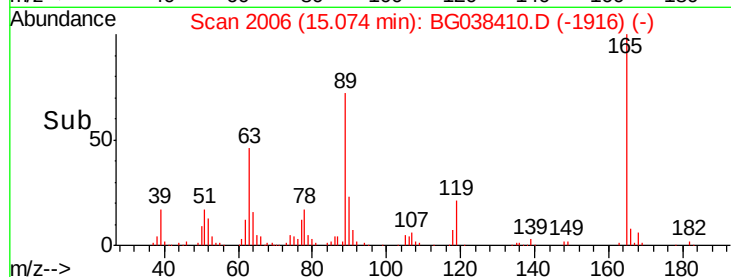
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.608 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

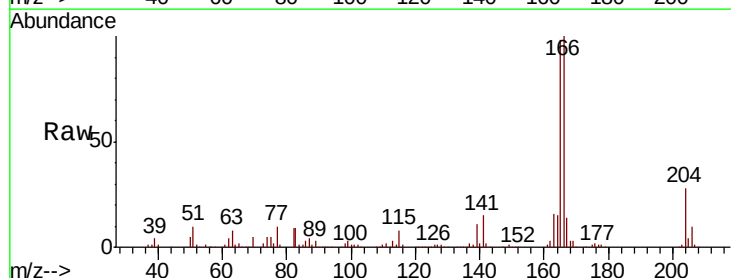
Tgt Ion:166 Resp: 287197

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.6

167 14.3 11.3 16.9

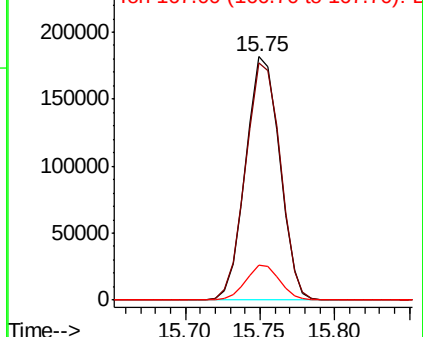
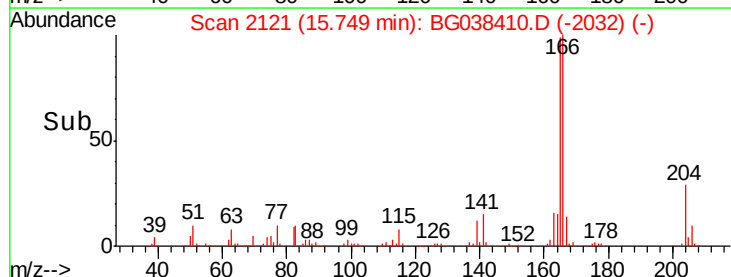


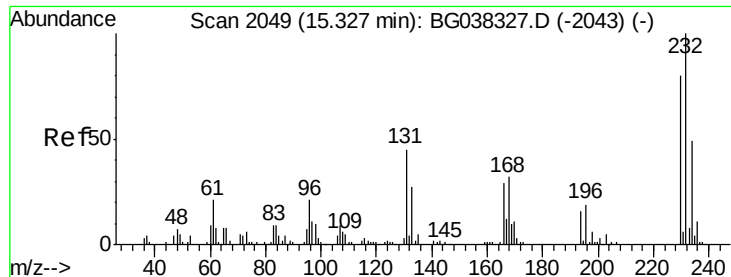
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

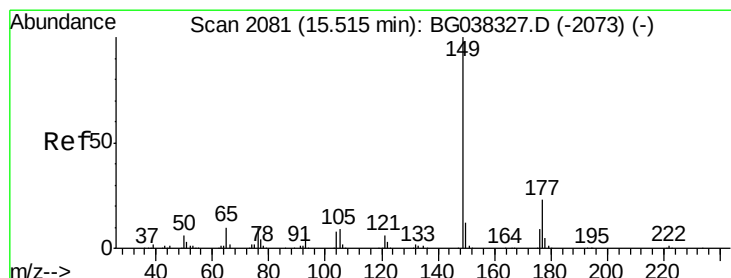
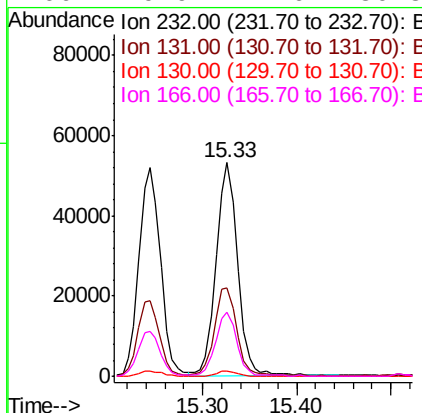
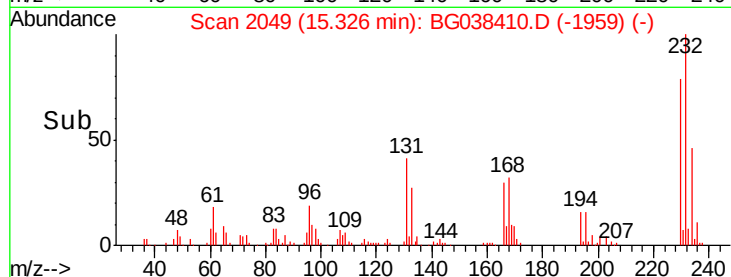
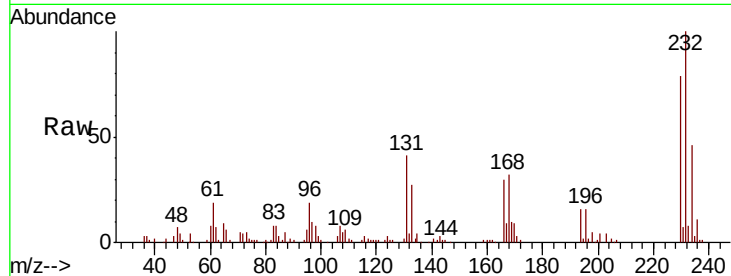




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.457 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

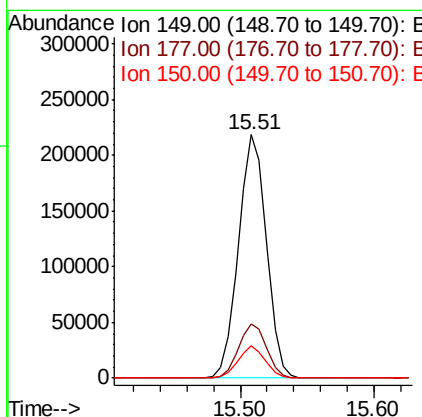
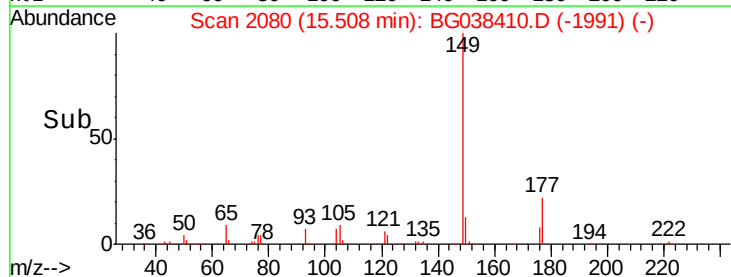
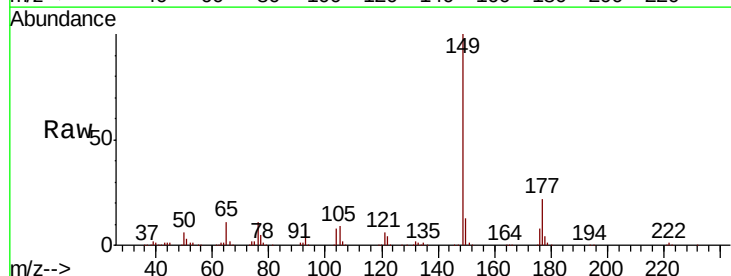
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

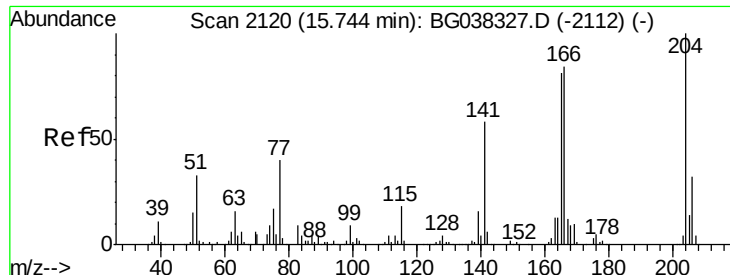
Tgt Ion:	232	Resp:	85654
Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.7	50.5
130	2.4	2.1	3.1
166	29.9	24.6	36.8



#60
 Diethylphthalate
 Concen: 43.660 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:	149	Resp:	314882
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	13.1	10.0	15.0

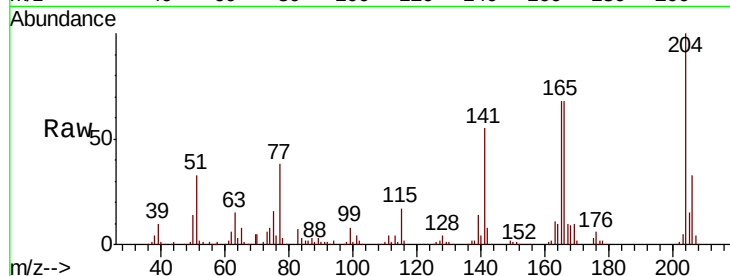




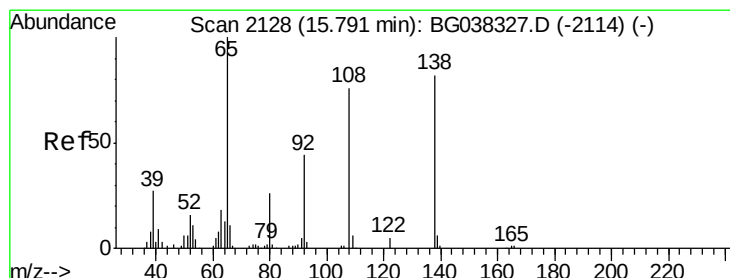
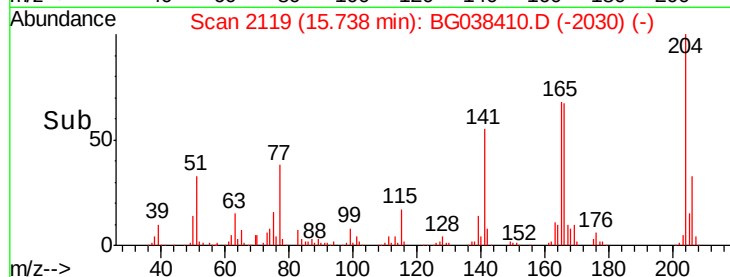
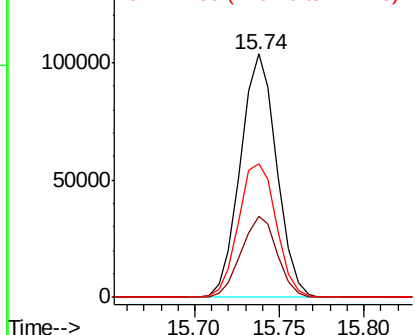
#61
4-Chlorophenyl-phenylether
Concen: 44.365 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion:204 Resp: 154274
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 54.9 45.4 68.2

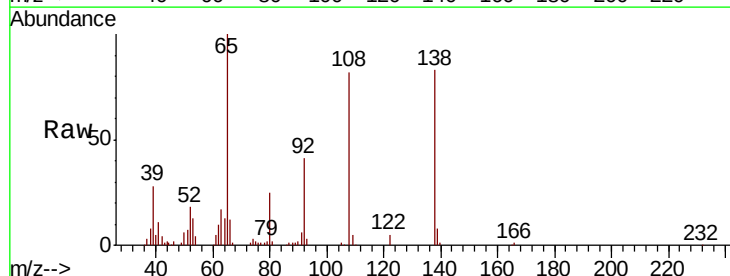


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

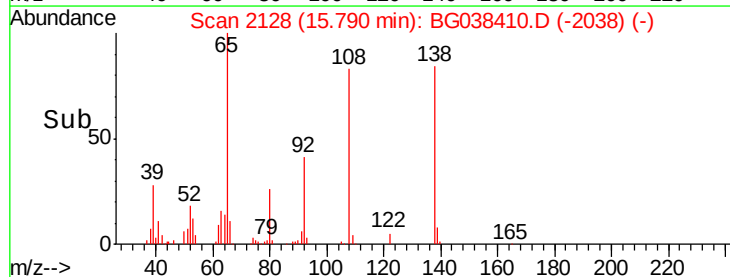
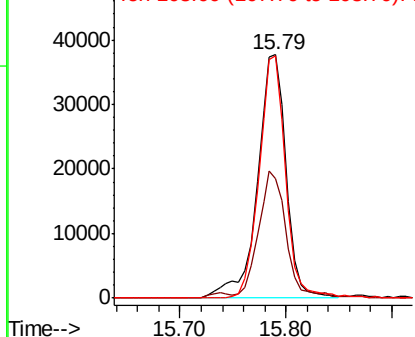


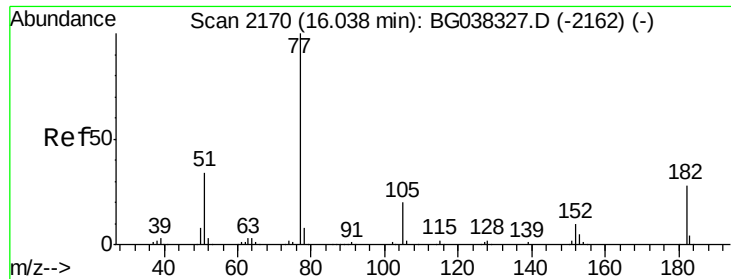
#62
4-Nitroaniline
Concen: 45.184 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:138 Resp: 71174
Ion Ratio Lower Upper
138 100
92 49.3 36.4 76.4
108 99.5 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: 45.360 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

Tgt Ion: 77 Resp: 286308

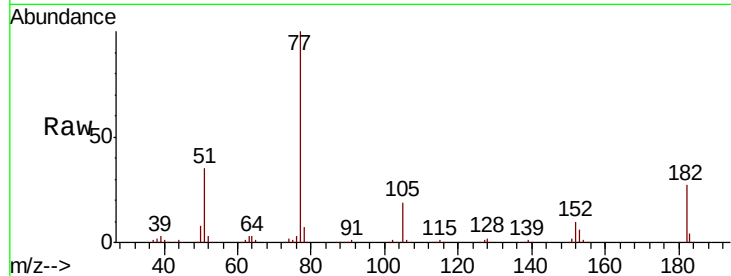
Ion Ratio Lower Upper

77 100

182 27.4 8.0 48.0

105 19.2 1.3 41.3

51 35.3 10.7 50.7

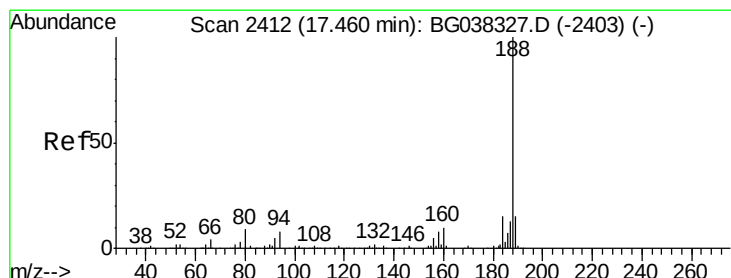
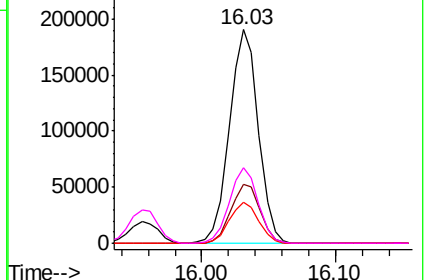
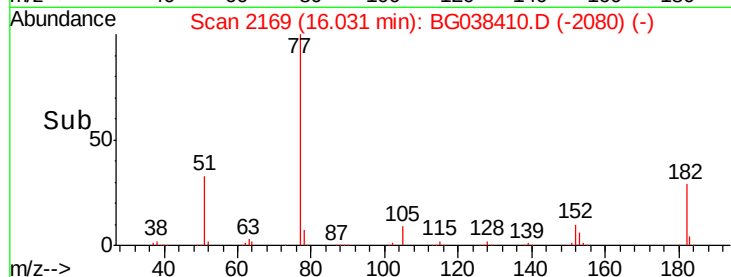


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

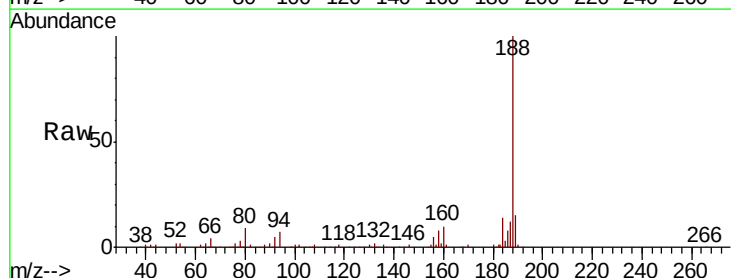
Tgt Ion: 188 Resp: 203216

Ion Ratio Lower Upper

188 100

94 7.2 7.2 10.8

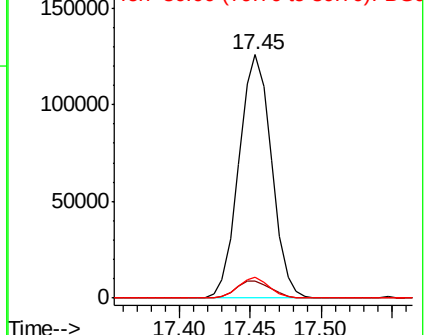
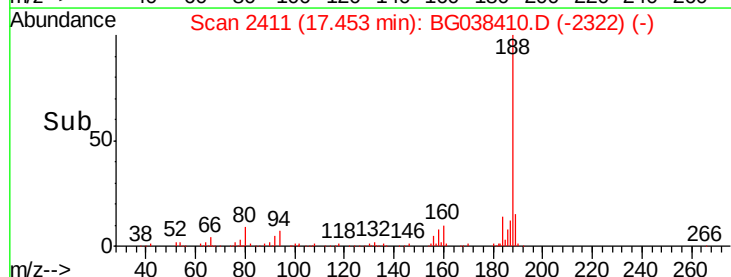
80 8.6 7.7 11.5

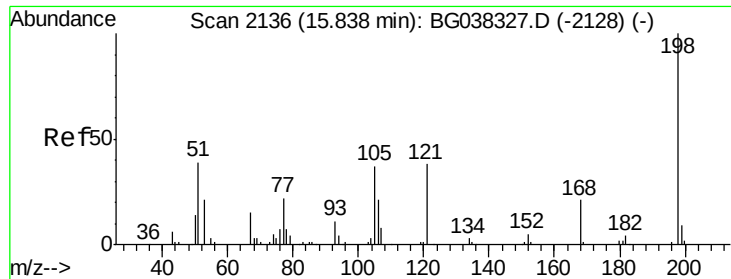


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

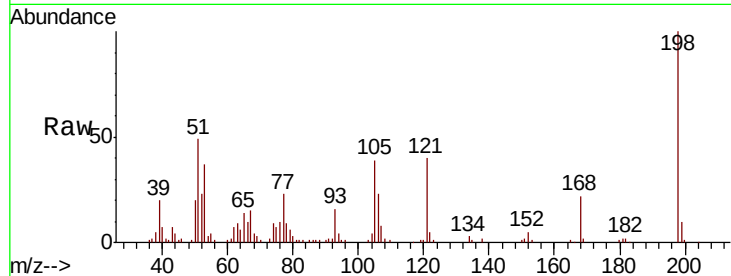




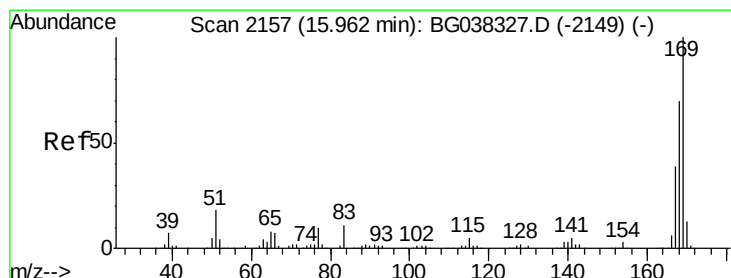
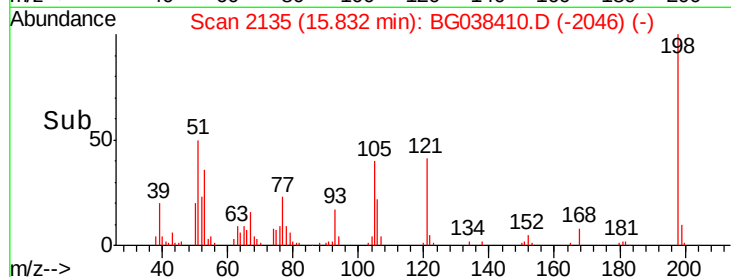
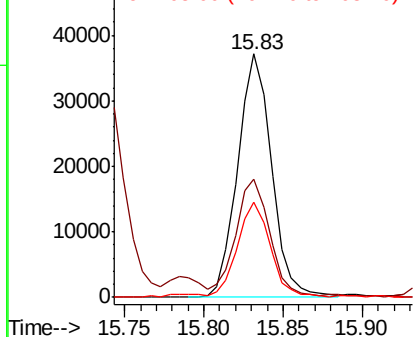
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.474 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

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

Tgt Ion:198 Resp: 55222
 Ion Ratio Lower Upper
 198 100
 51 48.5 22.7 62.7
 105 39.3 19.7 59.7

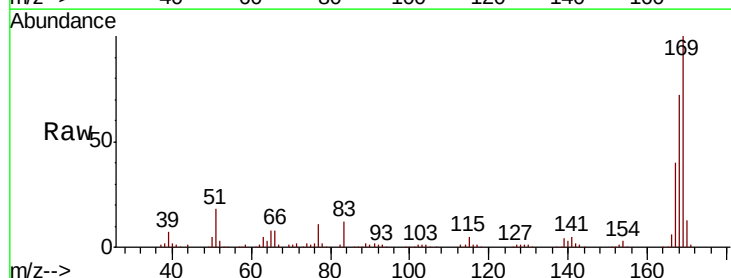


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

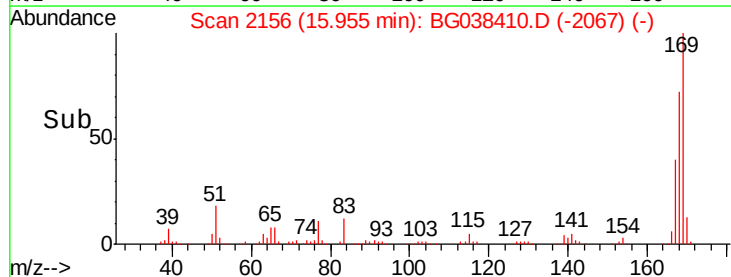
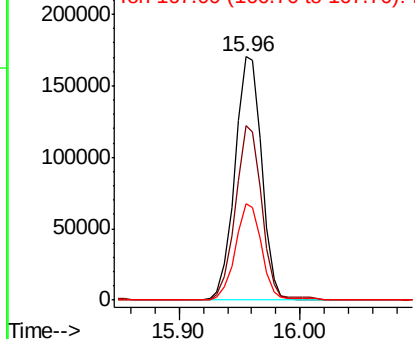


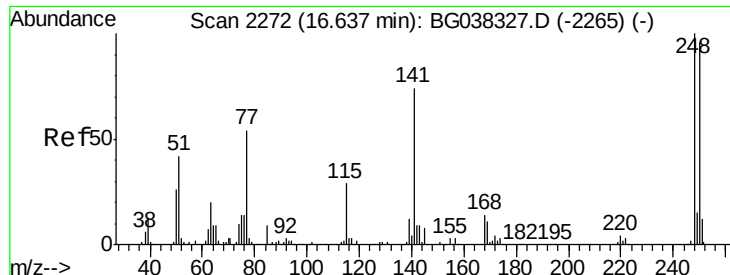
#66
 n-Nitrosodiphenylamine
 Concen: 46.060 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:169 Resp: 263208
 Ion Ratio Lower Upper
 169 100
 168 71.9 55.7 83.5
 167 39.7 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

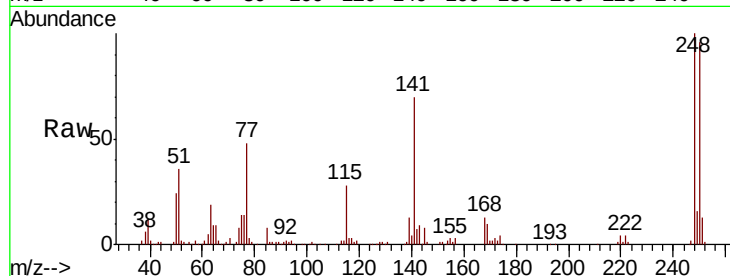




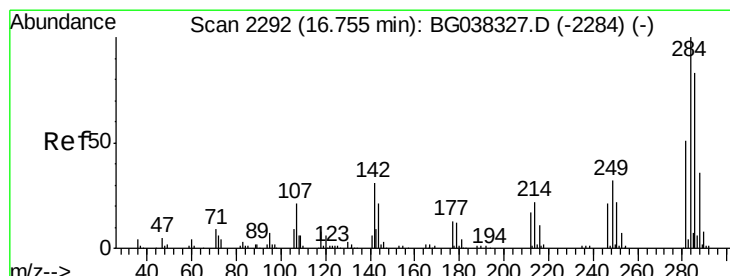
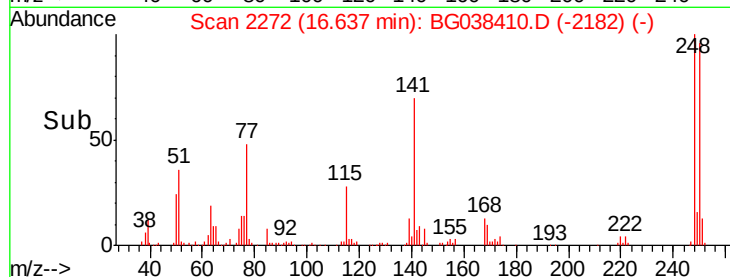
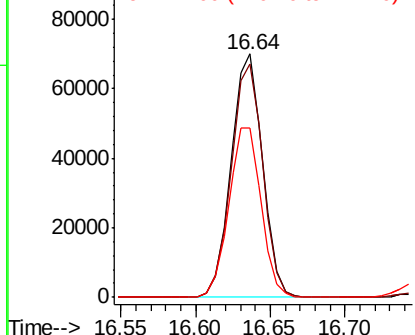
#67
 4-Bromophenyl-phenylether
 Concen: 46.784 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

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

Tgt Ion:248 Resp: 102669
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.0 115.6
 141 69.8 55.5 83.3

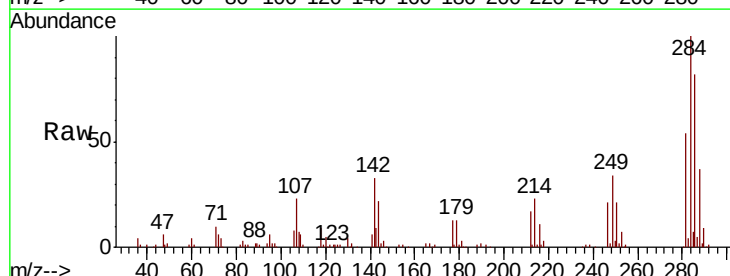


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

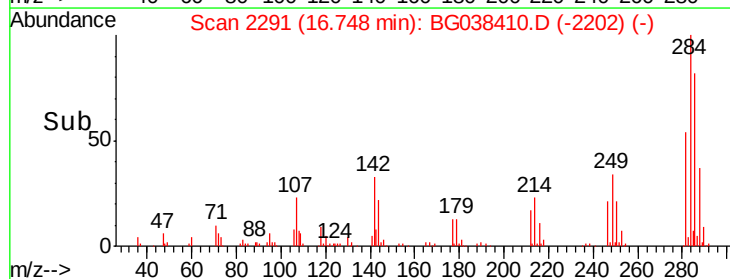
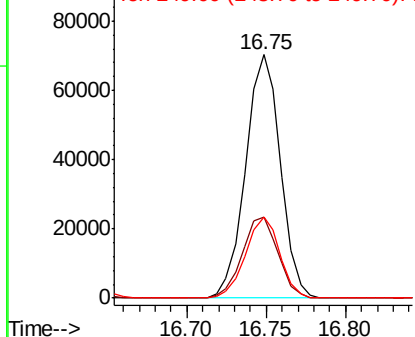


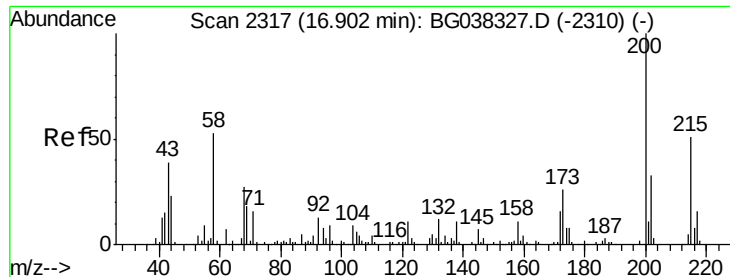
#68
 Hexachlorobenzene
 Concen: 47.216 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion:284 Resp: 106877
 Ion Ratio Lower Upper
 284 100
 142 33.4 28.1 42.1
 249 36.4 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: 49.020 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

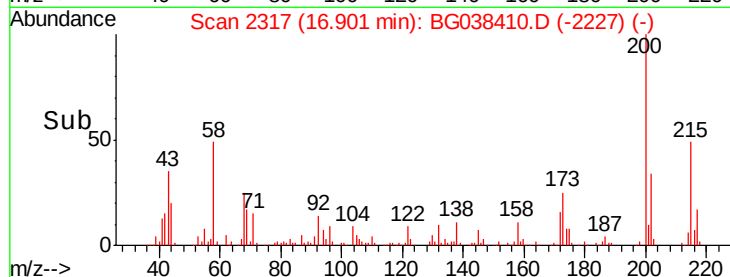
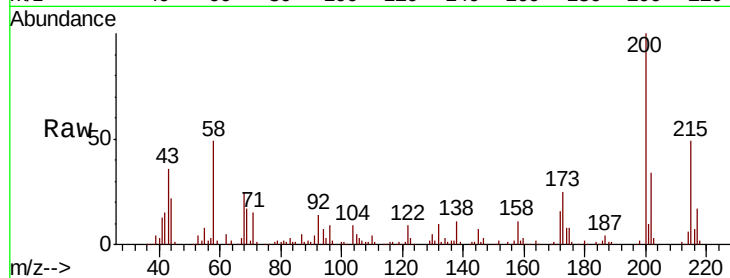
Tgt Ion:200 Resp: 104526

Ion Ratio Lower Upper

200 100

173 24.7 6.1 46.1

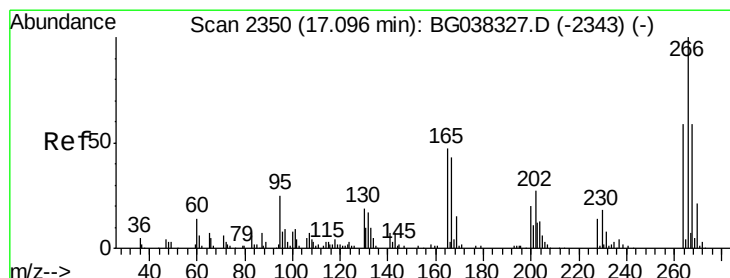
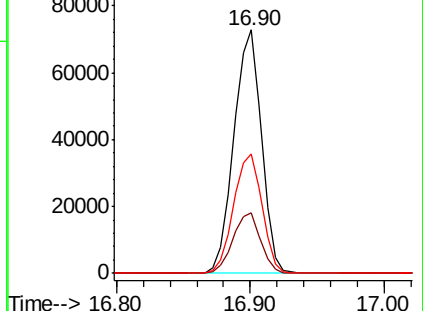
215 49.1 30.8 70.8



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: 76.545 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

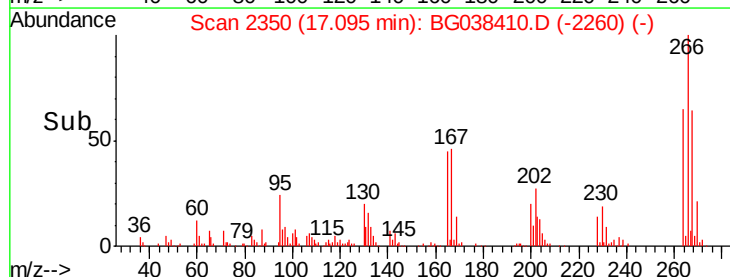
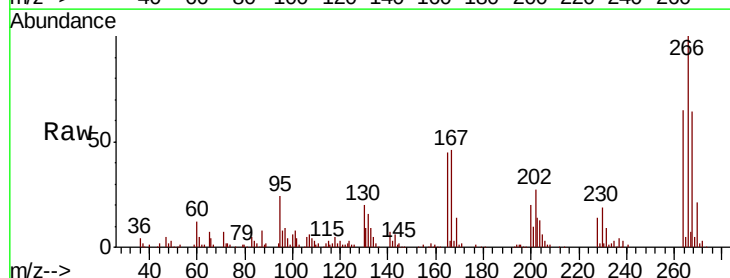
Tgt Ion:266 Resp: 118675

Ion Ratio Lower Upper

266 100

268 68.7 55.0 82.6

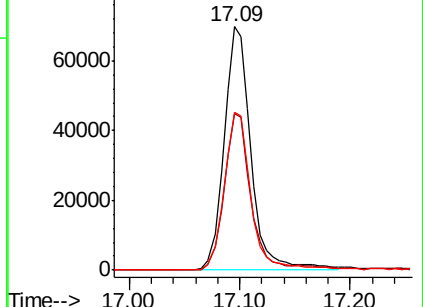
264 70.2 58.9 88.3

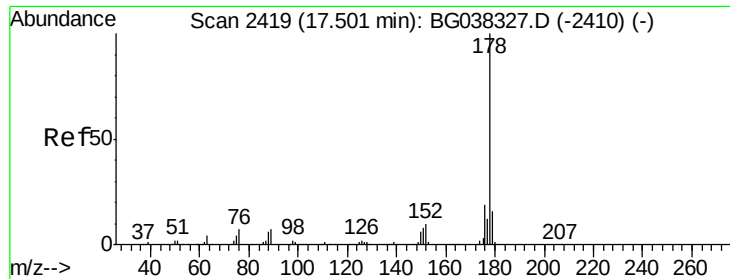


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

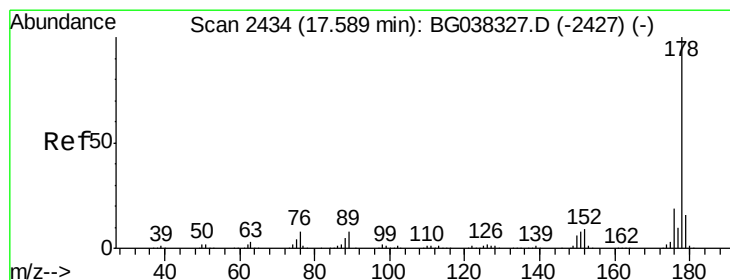
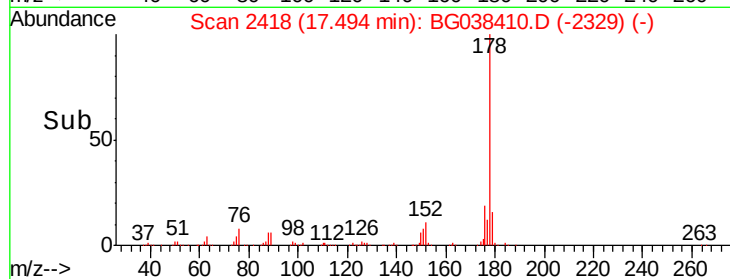
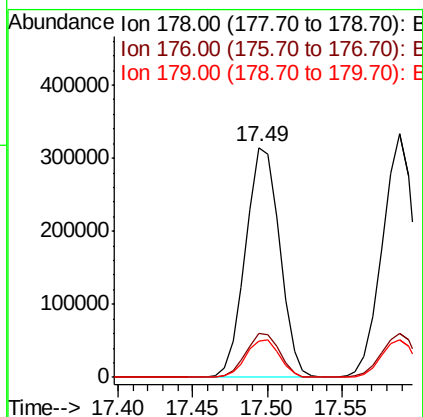
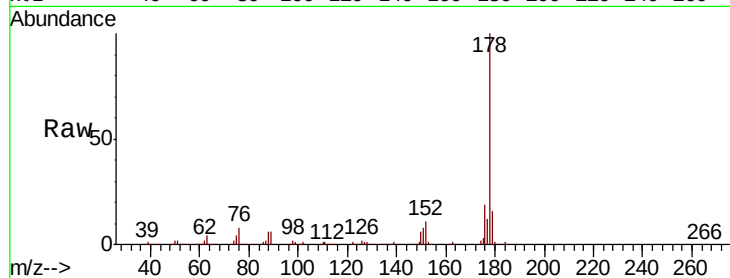




#71
Phenanthrene
Concen: 48.865 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

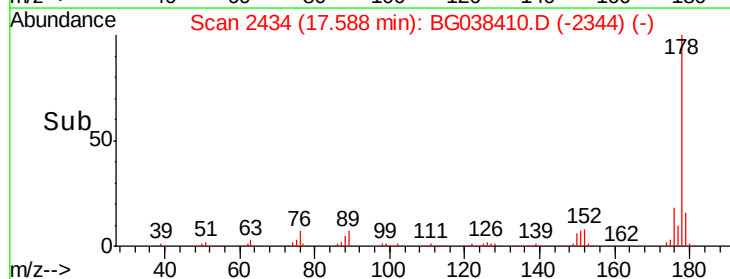
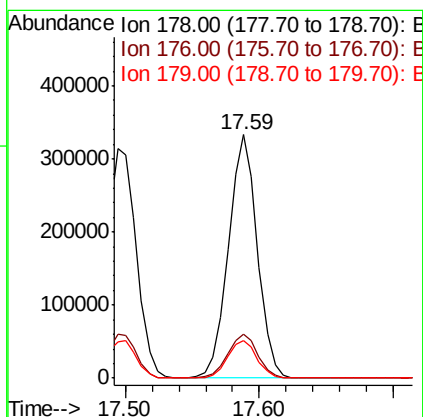
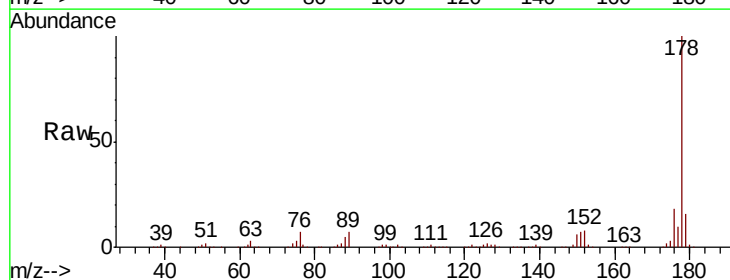
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

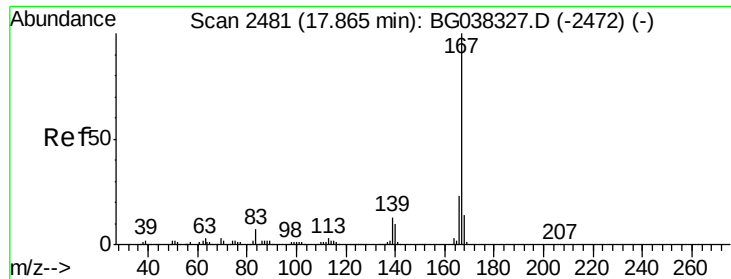
Tgt Ion:178 Resp: 497297
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 16.0 13.0 19.4



#72
Anthracene
Concen: 50.781 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:178 Resp: 500463
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.7 12.8 19.2





#73

Carbazole

Concen: 45.594 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

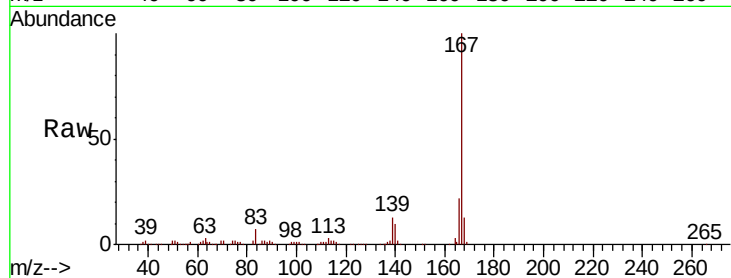
Tgt Ion:167 Resp: 445974

Ion Ratio Lower Upper

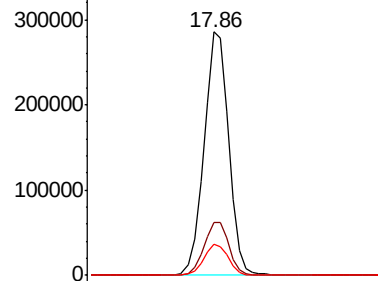
167 100

166 21.9 18.3 27.5

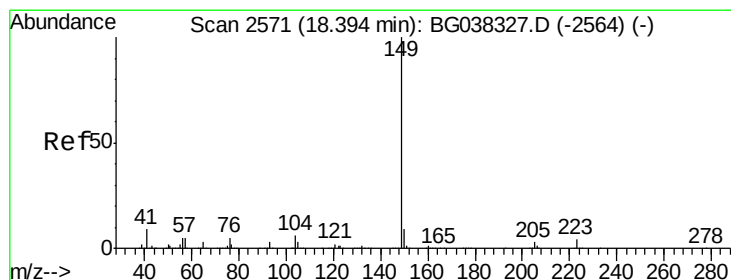
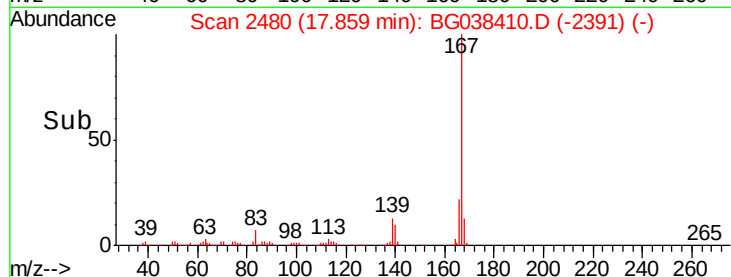
139 12.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 47.005 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

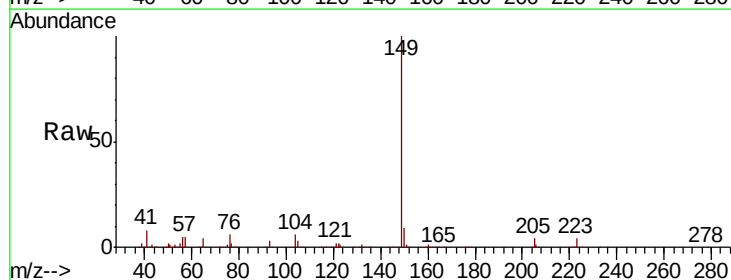
Tgt Ion:149 Resp: 537138

Ion Ratio Lower Upper

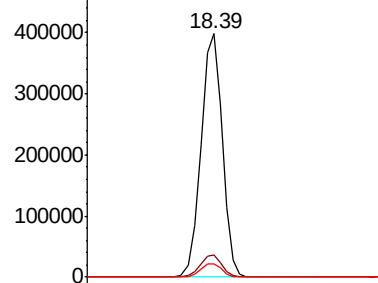
149 100

150 9.1 8.2 12.2

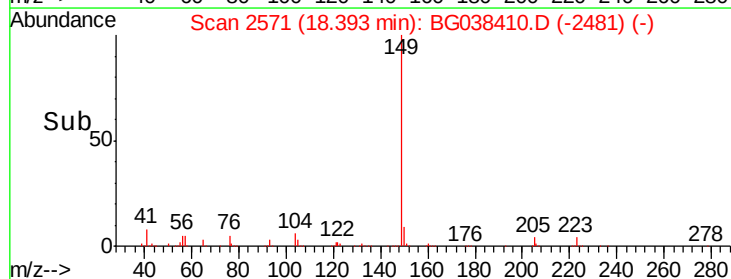
104 5.6 4.0 6.0

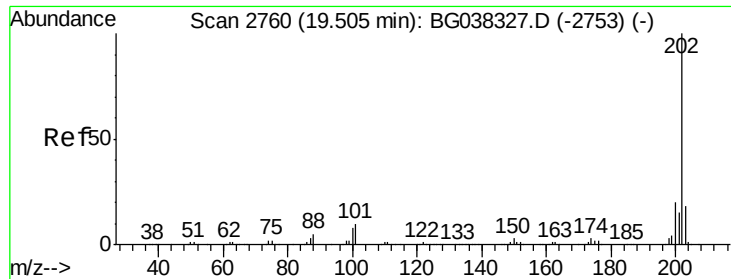


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->

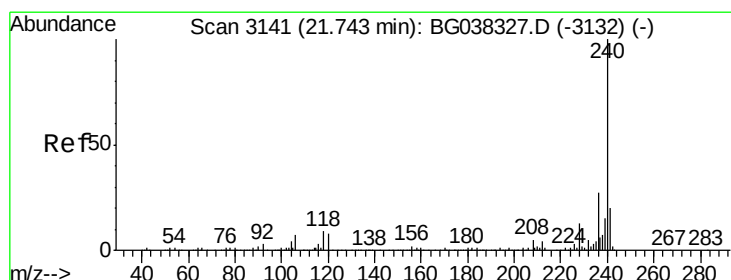
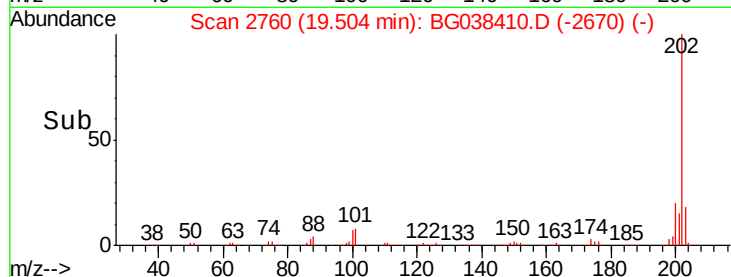
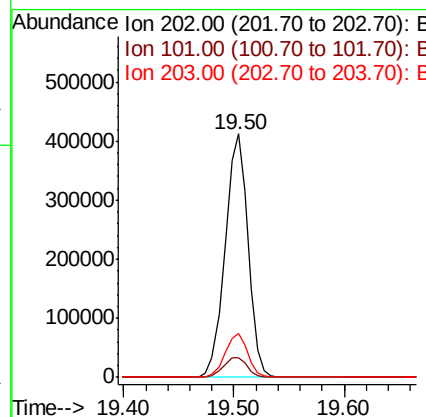
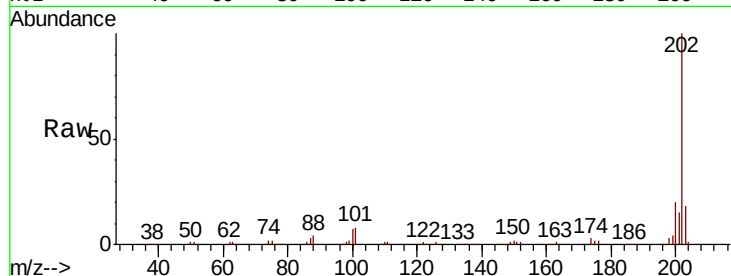




#75
Fluoranthene
Concen: 49.992 ng
RT: 19.50 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

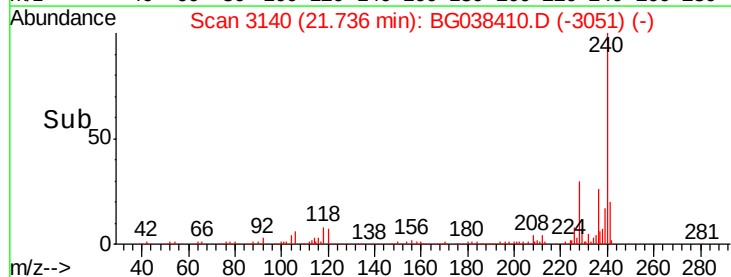
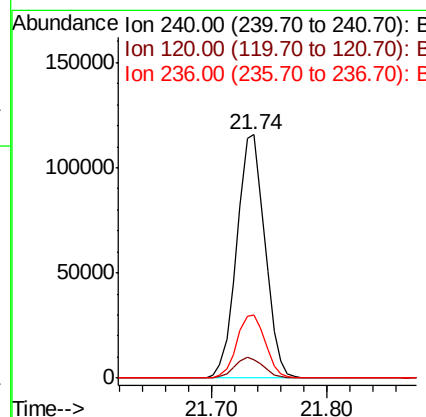
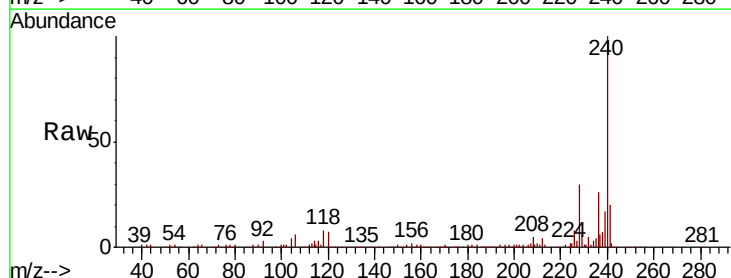
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

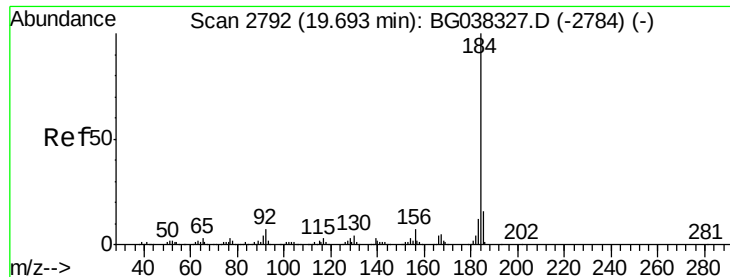
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.7
203	18.2	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.1	12.1#
236	26.1	21.4	32.0





#77

Benzidine

Concen: 20.625 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

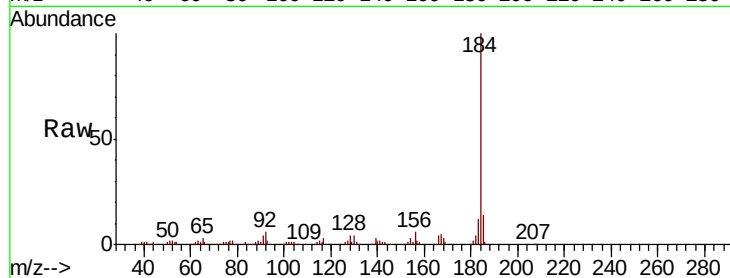
Tgt Ion:184 Resp: 136422

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 12.3 10.2 15.2

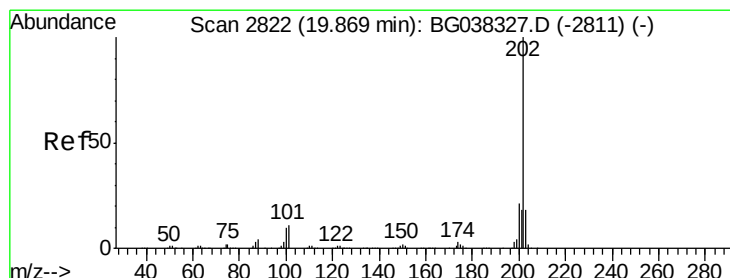
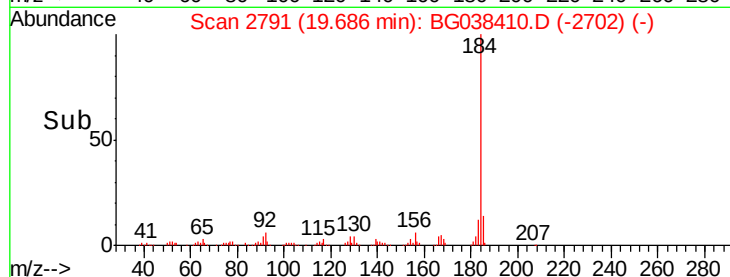
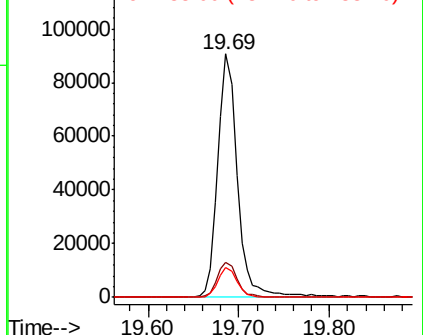


Abundance

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: 42.880 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

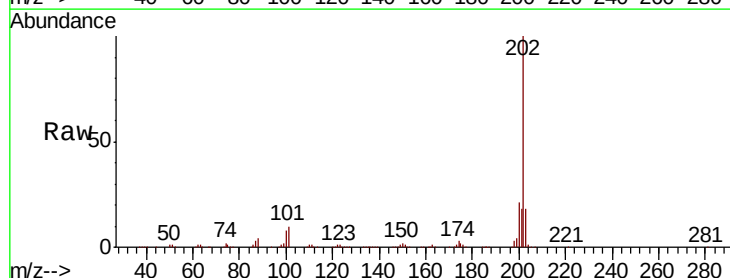
Tgt Ion:202 Resp: 588089

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

203 17.9 15.2 22.8

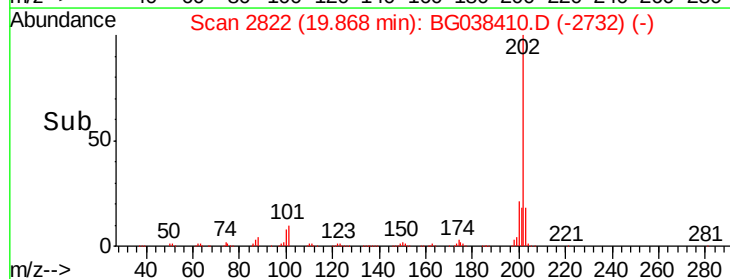
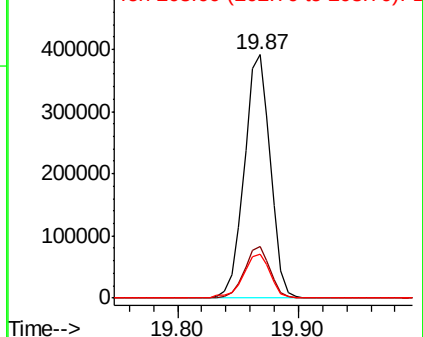


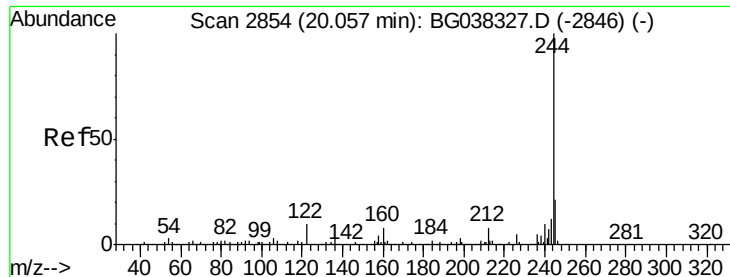
Abundance

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: 84.001 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

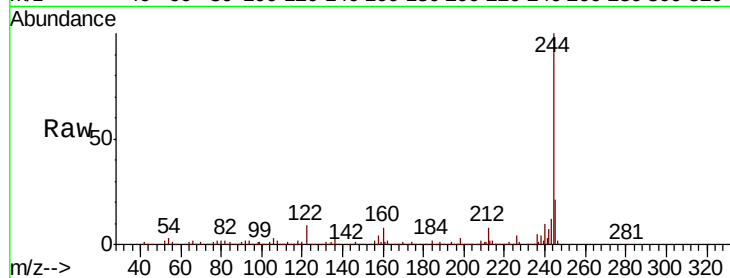
Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

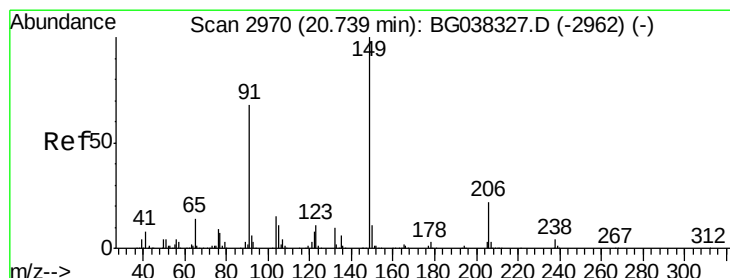
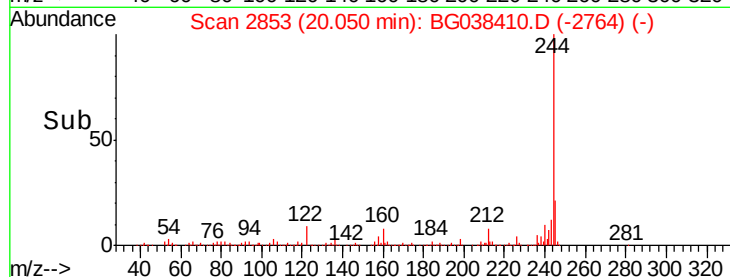
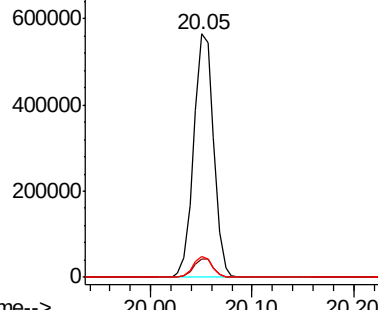
Tgt Ion:	244	Resp:	768596
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	8.6	9.0	13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.690 ng

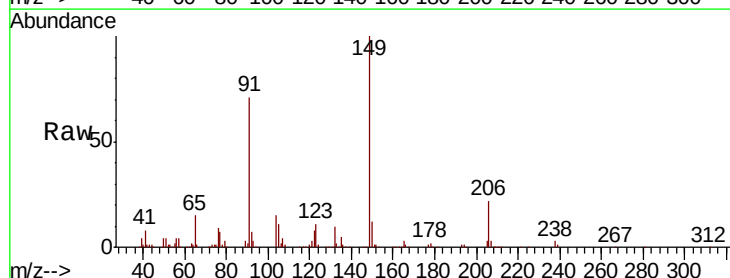
RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

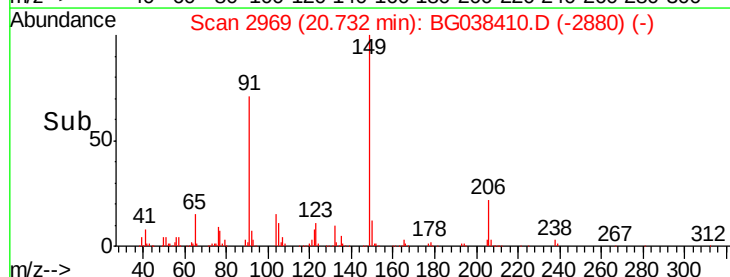
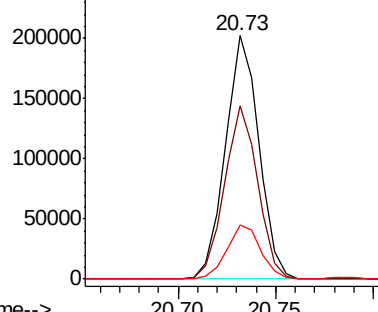
Tgt Ion:	149	Resp:	240995
Ion Ratio	Lower	Upper	
149	100		
91	71.3	57.0	85.4
206	22.1	17.8	26.6

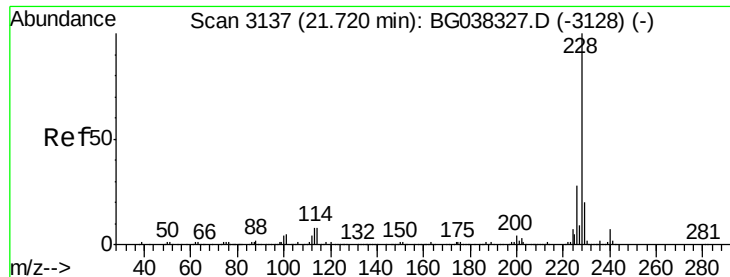


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.169 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

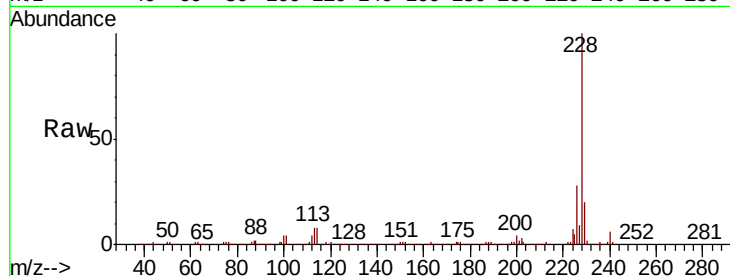
Tgt Ion:228 Resp: 568252

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.4 16.3 24.5

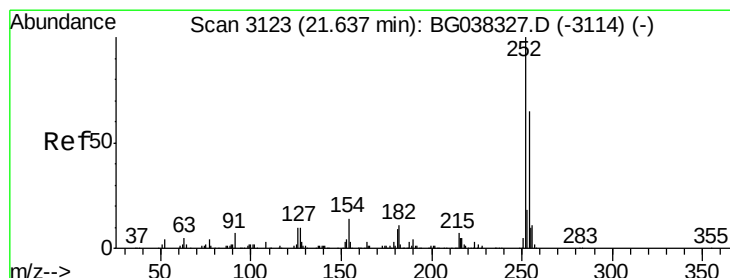
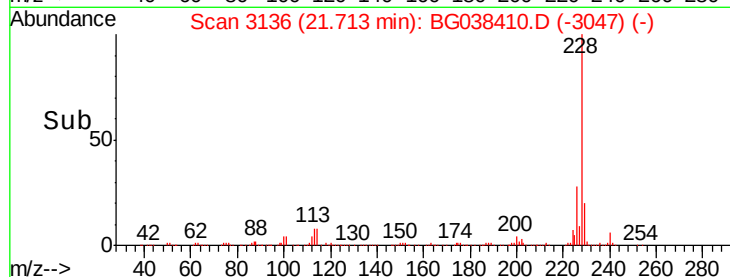
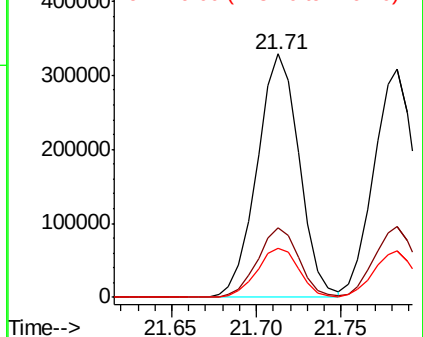


Abundance

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: 26.714 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

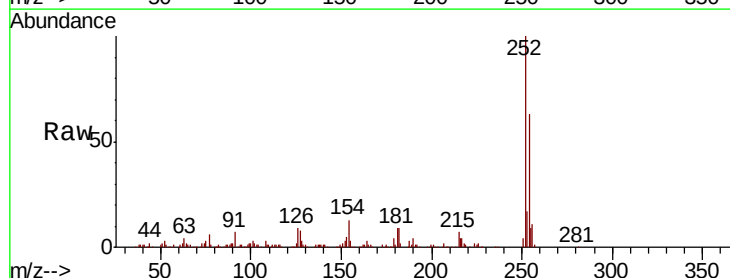
Tgt Ion:252 Resp: 125195

Ion Ratio Lower Upper

252 100

254 62.6 52.0 78.0

126 9.5 8.2 12.4

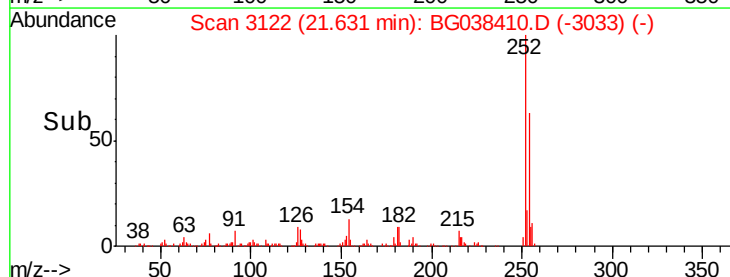
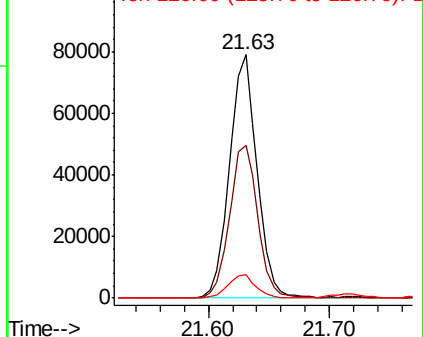


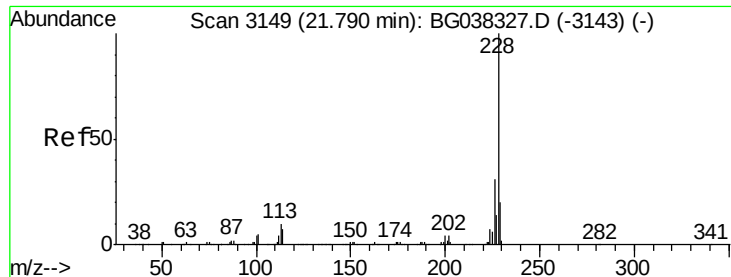
Abundance

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: 46.100 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

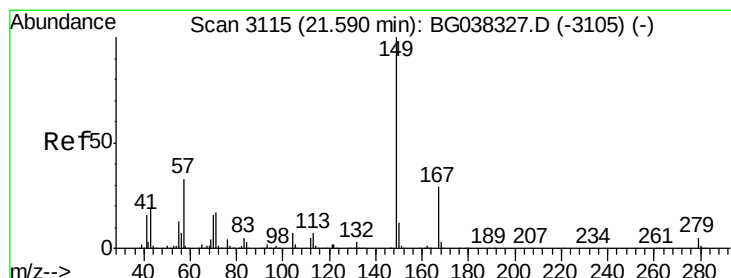
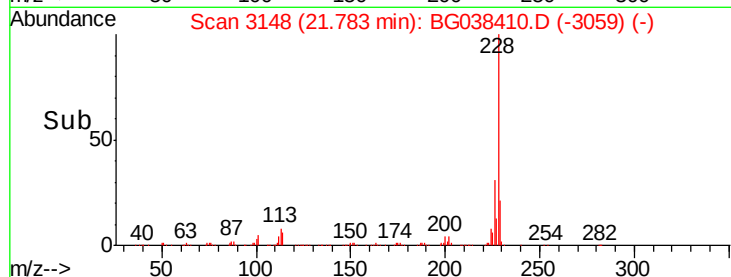
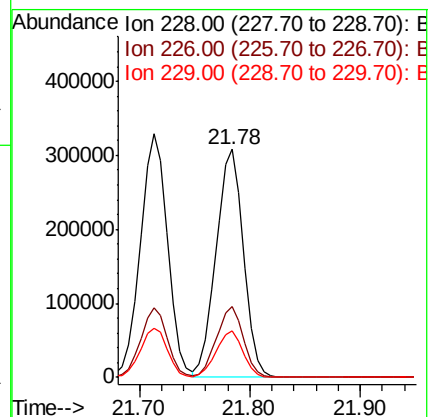
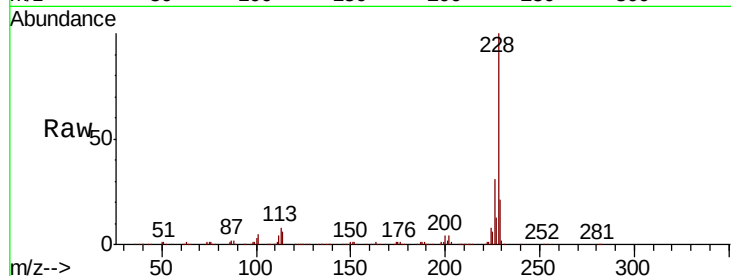
Tgt Ion:228 Resp: 525552

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

229 20.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.162 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

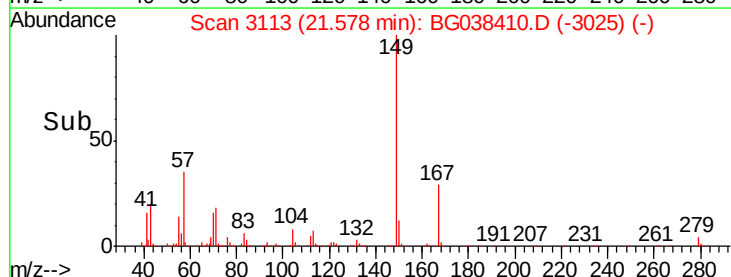
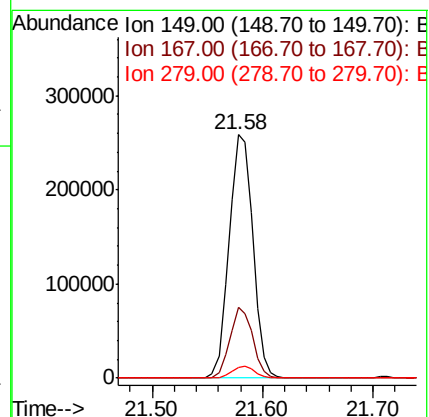
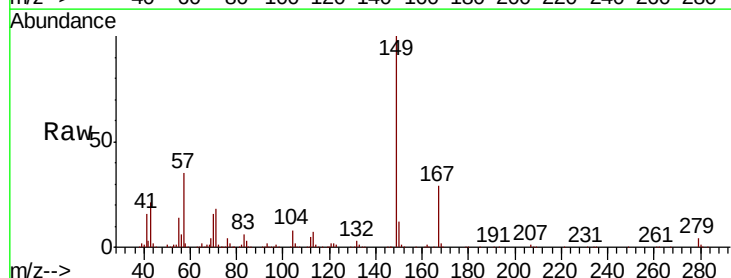
Tgt Ion:149 Resp: 392184

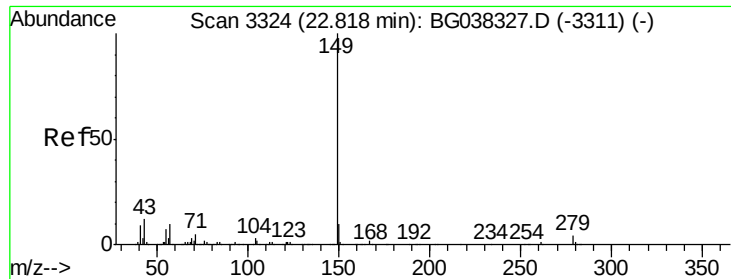
Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

279 4.3 3.6 5.4

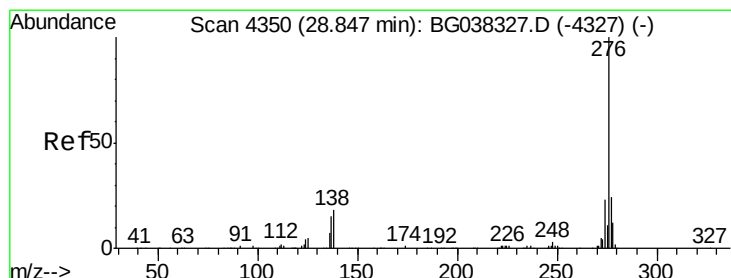
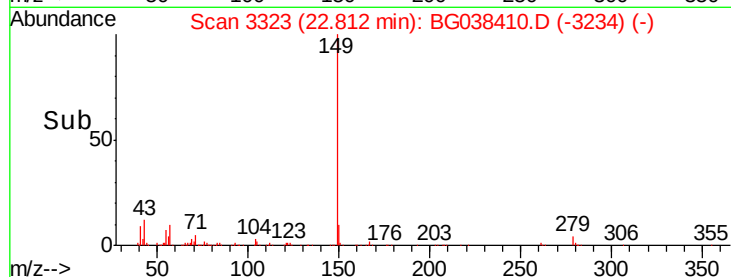
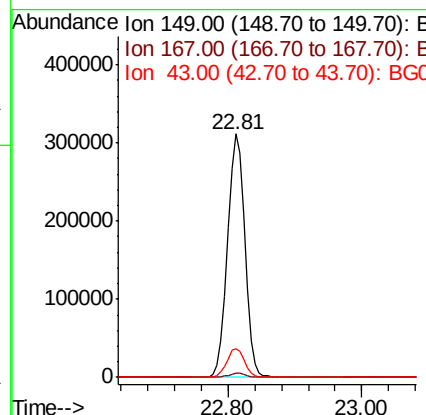
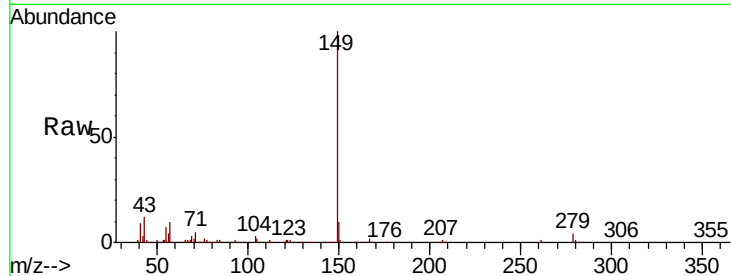




#85
 Di-n-octyl phthalate
 Concen: 43.028 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

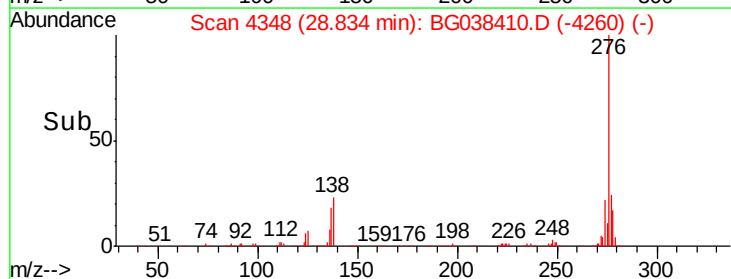
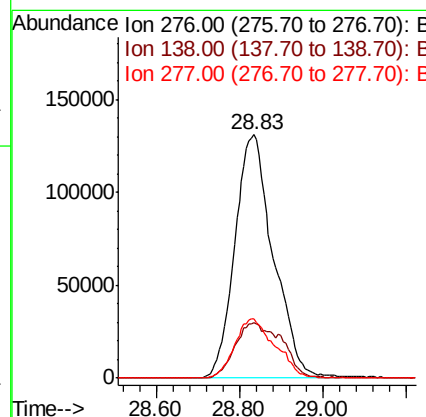
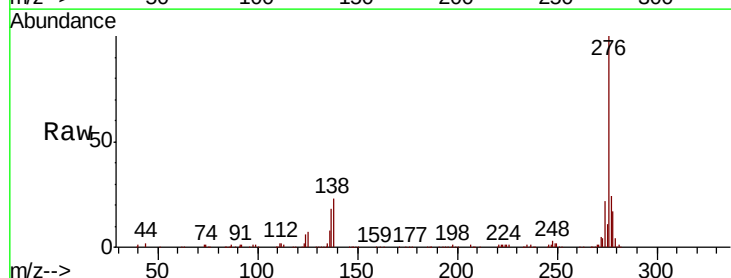
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMSD

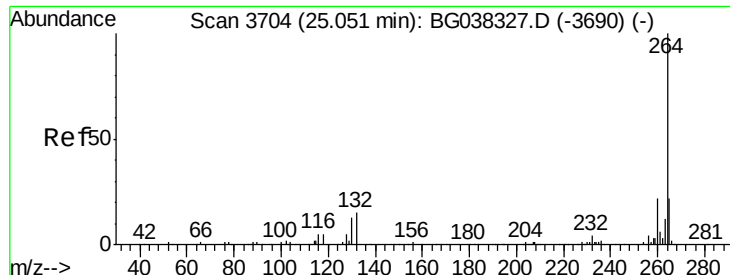
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	8.7	13.1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 64.935 ng
 RT: 28.83 min Scan# 4348
 Delta R.T. -0.01 min
 Lab File: BG038410.D
 Acq: 7 Dec 2018 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	12.0	18.0#
277	25.7	20.6	30.8

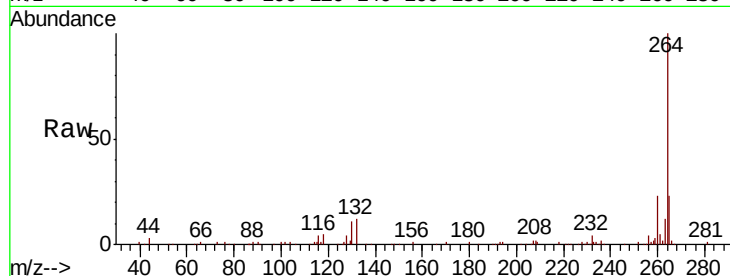




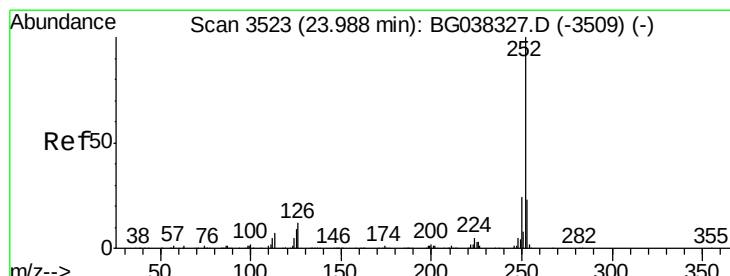
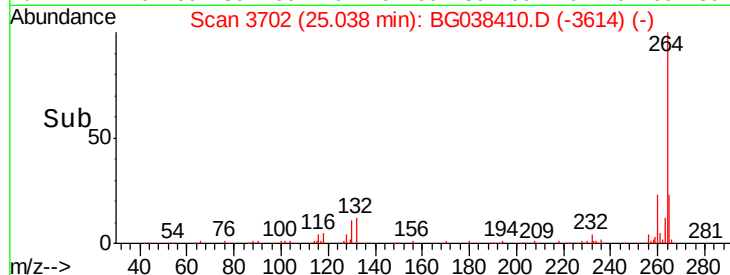
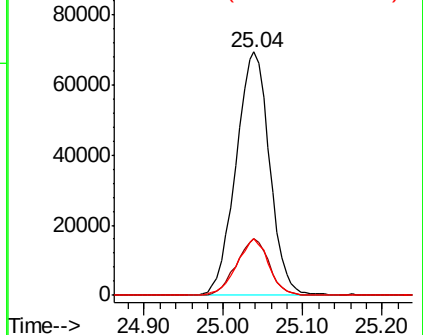
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

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

Tgt Ion: 264 Resp: 204247
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 23.1 17.9 26.9

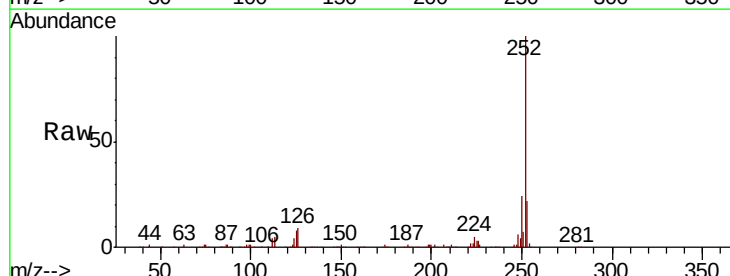


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

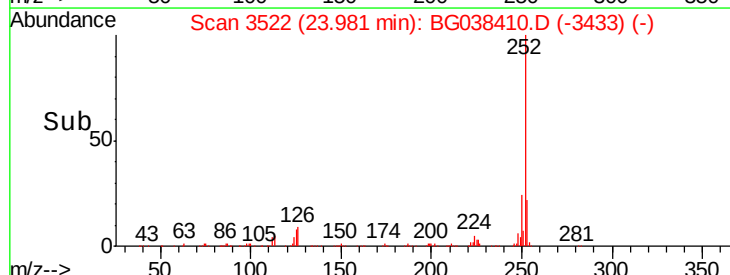
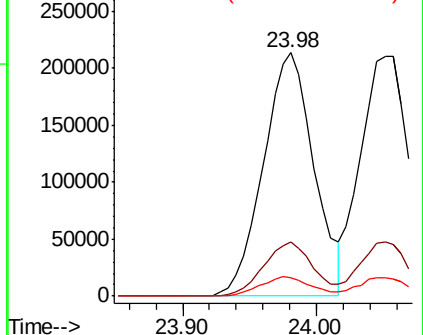


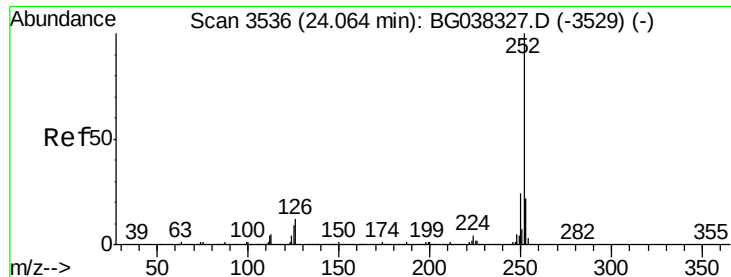
#88
Benzo(b)fluoranthene
Concen: 48.702 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion: 252 Resp: 562056
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 7.6 7.8 11.6#



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

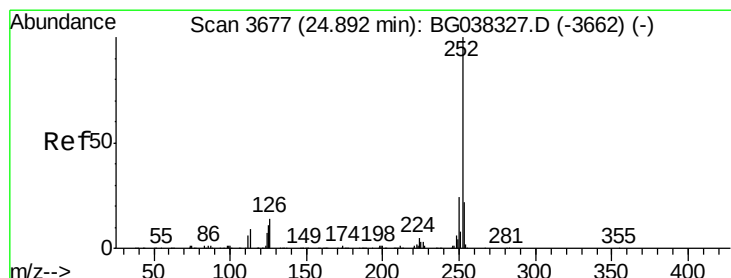
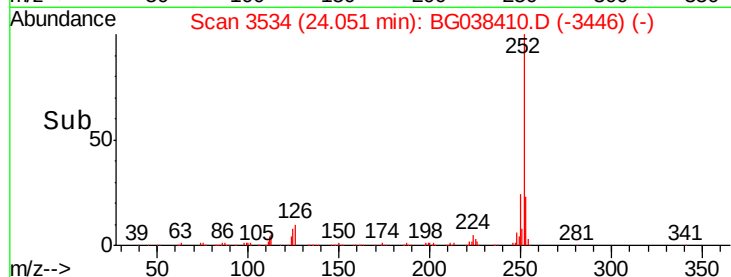
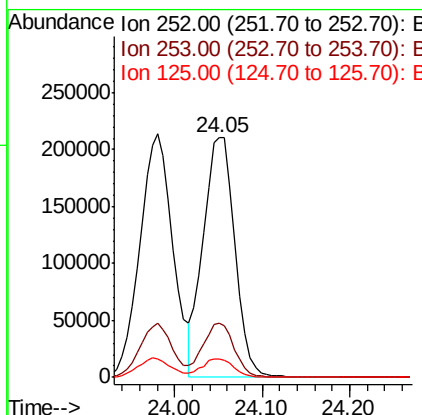
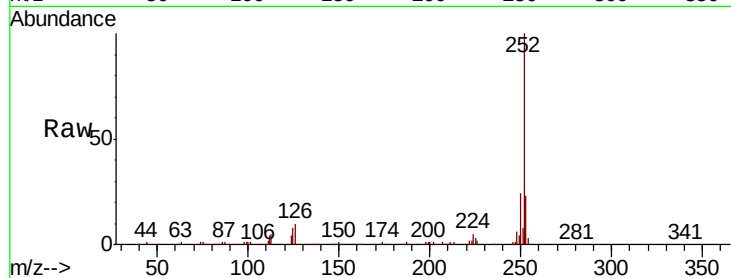




#89
Benzo(k)fluoranthene
Concen: 46.248 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

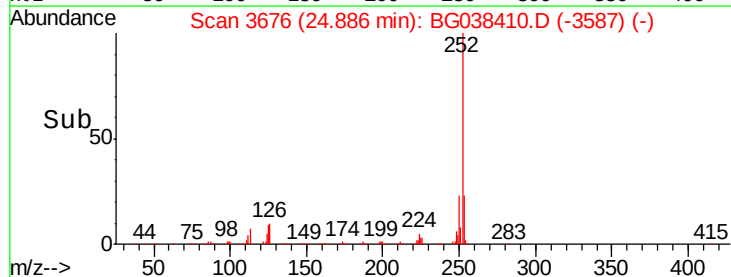
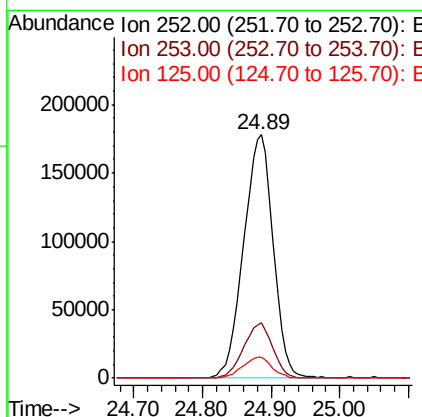
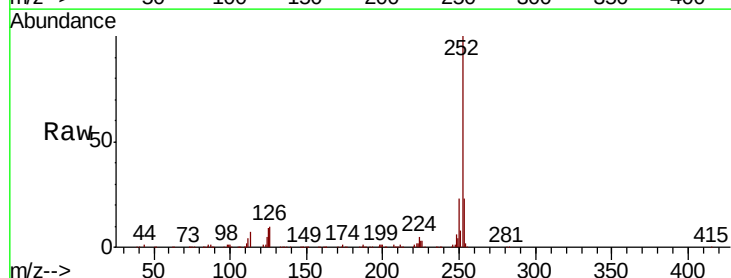
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMSD

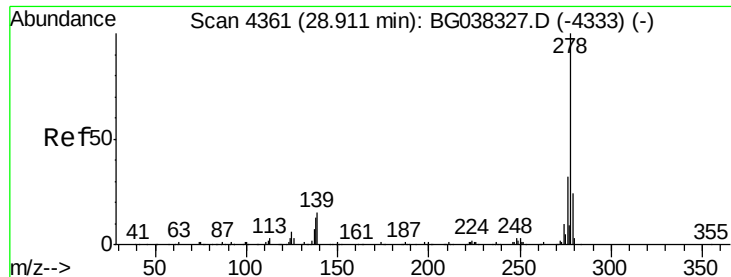
Tgt Ion:252 Resp: 531582
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 7.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.638 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038410.D
Acq: 7 Dec 2018 19:28

Tgt Ion:252 Resp: 533269
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 8.7 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 64.293 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMSD

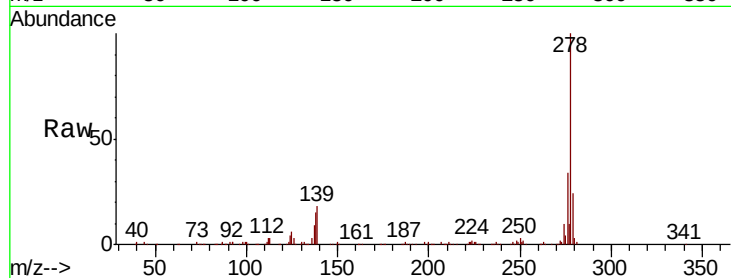
Tgt Ion:278 Resp: 682605

Ion Ratio Lower Upper

278 100

139 17.5 11.5 17.3#

279 23.8 18.6 27.8

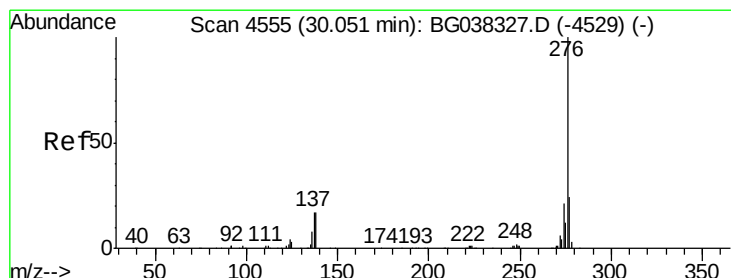
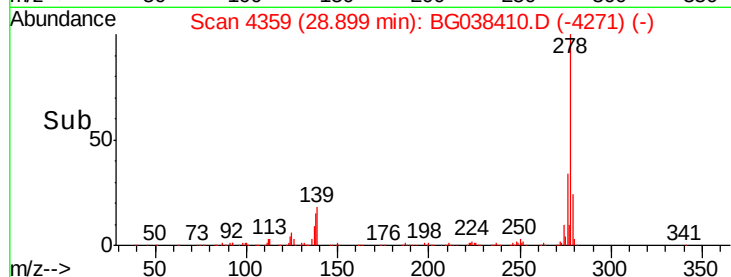
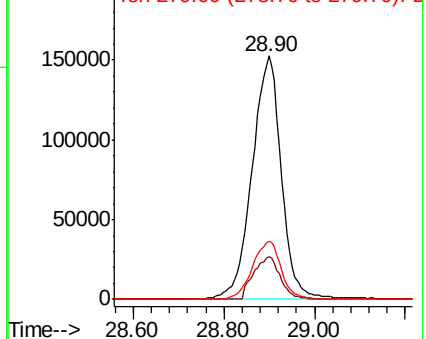


Abundance

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: 49.280 ng

RT: 30.03 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG038410.D

Acq: 7 Dec 2018 19:28

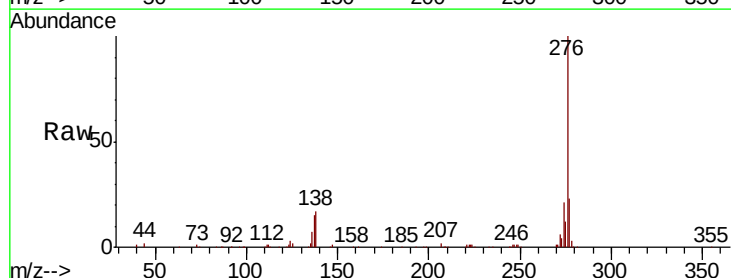
Tgt Ion:276 Resp: 519102

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 16.6 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

