

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038476.D
 Acq On : 11 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6195-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Quant Time: Dec 12 03:17:12 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	23728	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	99658	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	99742	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	168761	20.00	ng	0.00
76) Chrysene-d12	21.74	240	161630	20.00	ng	0.00
87) Perylene-d12	25.04	264	173265	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	190282	141.91	ng	0.00
7) Phenol-d6	7.23	99	248540	128.25	ng	0.00
23) Nitrobenzene-d5	9.25	82	189324	94.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	141829	115.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	645200	92.17	ng	0.00
79) Terphenyl-d14	20.06	244	799746	106.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	19056	31.009	ng	# 1
3) Pyridine	3.92	79	59814	32.534	ng	# 81
4) n-Nitrosodimethylamine	3.83	42	38381	47.659	ng	# 79
6) Aniline	7.40	93	33546	13.553	ng	95
8) 2-Chlorophenol	7.63	128	74645	47.935	ng	99
9) Benzaldehyde	7.21	77	33238	27.085	ng	95
10) Phenol	7.25	94	82717	40.397	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	70406	41.985	ng	99
12) 1,3-Dichlorobenzene	7.95	146	75386	41.420	ng	98
13) 1,4-Dichlorobenzene	8.11	146	79031	41.968	ng	98
14) 1,2-Dichlorobenzene	8.42	146	73539	43.020	ng	96
15) Benzyl Alcohol	8.31	79	71852	45.097	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	157023	41.166	ng	97
17) 2-Methylphenol	8.51	107	65764	46.882	ng	92
18) Hexachloroethane	9.15	117	28826	42.413	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	60711	43.022	ng	93
20) 3+4-Methylphenols	8.83	107	91323	44.271	ng	96
22) Acetophenone	8.90	105	116082	48.829	ng	# 95
24) Nitrobenzene	9.29	77	92008	45.116	ng	97
25) Isophorone	9.80	82	174487	49.464	ng	# 96
26) 2-Nitrophenol	10.00	139	45702	48.365	ng	# 91
27) 2,4-Dimethylphenol	10.05	122	79387	58.491	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	99028	48.969	ng	97
29) 2,4-Dichlorophenol	10.53	162	84075	54.266	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	84657	46.548	ng	98
31) Naphthalene	10.94	128	241119	50.651	ng	99
32) Benzoic acid	10.17	122	16705	20.376	ng	99
33) 4-Chloroaniline	11.07	127	4653	2.208	ng	# 92
34) Hexachlorobutadiene	11.20	225	55978	49.199	ng	97
35) Caprolactam	11.84	113	21869	34.133	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	144639	84.024	ng	96
37) 2-Methylnaphthalene	12.54	142	283988	83.769	ng	100
38) 1-Methylnaphthalene	12.75	142	271967	83.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	143618	41.845	ng	99

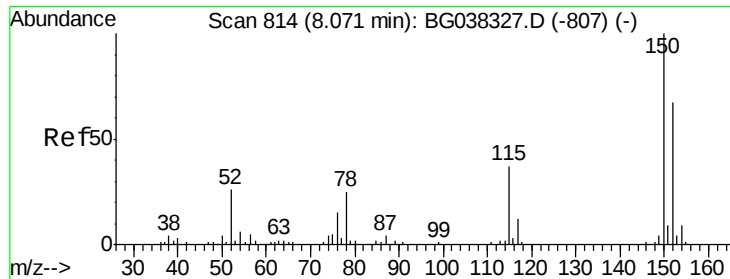
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
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 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	150868	79.990	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	104967	47.213	ng	100
44) 2,4,5-Trichlorophenol	13.21	196	117428	49.857	ng	95
46) 1,1'-Biphenyl	13.54	154	365445	43.345	ng	99
47) 2-Chloronaphthalene	13.59	162	289133	45.446	ng	98
48) 2-Nitroaniline	13.80	65	104755	49.079	ng	96
49) Acenaphthylene	14.43	152	479430	50.036	ng	99
50) Dimethylphthalate	14.16	163	395720	49.464	ng	99
51) 2,6-Dinitrotoluene	14.29	165	90145	49.327	ng	96
52) Acenaphthene	14.77	154	271609	46.498	ng	98
53) 3-Nitroaniline	14.62	138	20131	10.228	ng	# 86
54) 2,4-Dinitrophenol	14.83	184	42577	42.501	ng	93
55) Dibenzofuran	15.10	168	442598	45.832	ng	97
56) 4-Nitrophenol	14.92	139	110611	71.144	ng	91
57) 2,4-Dinitrotoluene	15.07	165	125541	49.808	ng	# 97
58) Fluorene	15.75	166	311866	43.835	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	96550	47.198	ng	98
60) Diethylphthalate	15.51	149	389296	43.923	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	169015	39.550	ng	99
62) 4-Nitroaniline	15.79	138	72627	37.518	ng	85
63) Azobenzene	16.03	77	245324	31.627	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	36016	32.572	ng	93
66) n-Nitrosodiphenylamine	15.96	169	234863	49.490	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	96210	52.792	ng	98
68) Hexachlorobenzene	16.75	284	98923	52.625	ng	95
69) Atrazine	16.90	200	94805	53.538	ng	97
70) Pentachlorophenol	17.10	266	81343	63.177	ng	96
71) Phenanthrene	17.50	178	444138	52.552	ng	99
72) Anthracene	17.59	178	449220	54.887	ng	99
73) Carbazole	17.87	167	396499	48.812	ng	100
74) Di-n-butylphthalate	18.39	149	478848	50.460	ng	99
75) Fluoranthene	19.50	202	536802	54.364	ng	97
77) Benzidine	19.69	184	126361	23.168	ng	98
78) Pyrene	19.87	202	534958	47.304	ng	98
80) Butylbenzylphthalate	20.73	149	211171	46.427	ng	99
81) Benzo(a)anthracene	21.71	228	507886	51.126	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	83690	21.657	ng	# 99
83) Chrysene	21.78	228	469908	49.987	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294469	45.676	ng	98
85) Di-n-octyl phthalate	22.81	149	499001	45.140	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	551442	51.616	ng	# 96
88) Benzo(b)fluoranthene	23.99	252	497484	50.815	ng	# 97
89) Benzo(k)fluoranthene	24.05	252	492649	50.525	ng	# 98
90) Benzo(a)pyrene	24.89	252	486710	51.253	ng	# 97
91) Dibenzo(a,h)anthracene	28.90	278	450390	50.006	ng	# 96
92) Benzo(g,h,i)perylene	30.03	276	446927	50.015	ng	# 93

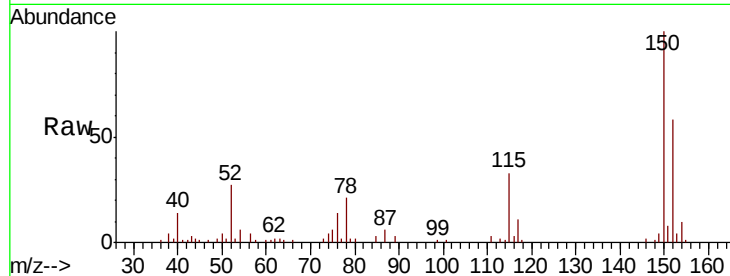
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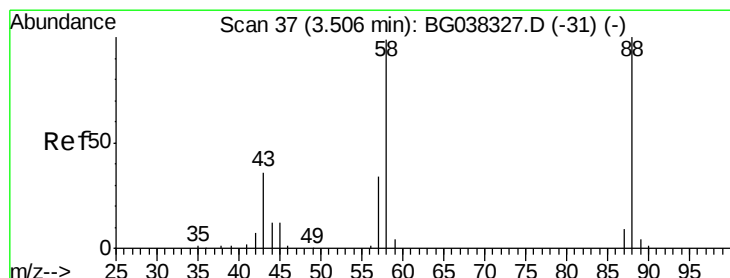
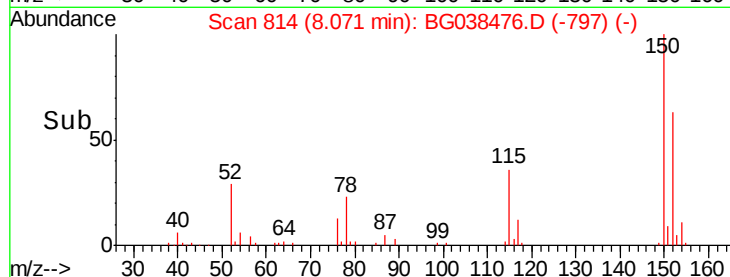
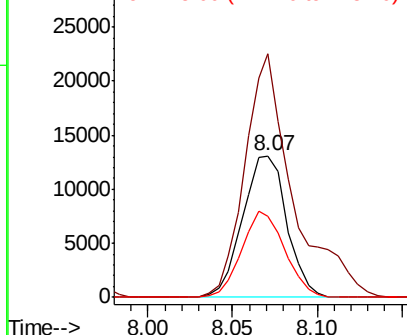
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion:152 Resp: 23728
 Ion Ratio Lower Upper
 152 100
 150 171.7 126.0 189.0
 115 57.3 45.5 68.3

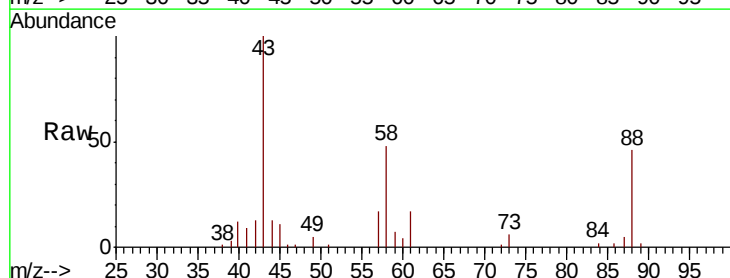


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

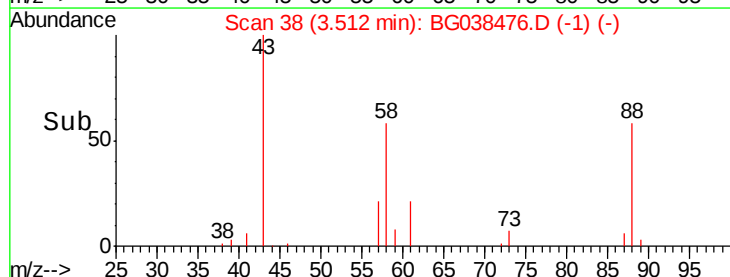
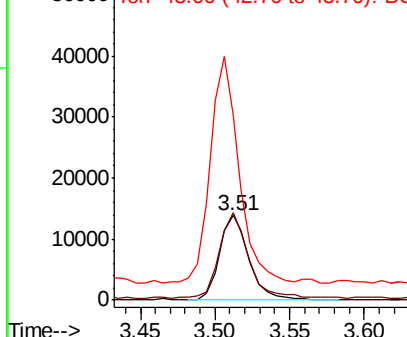


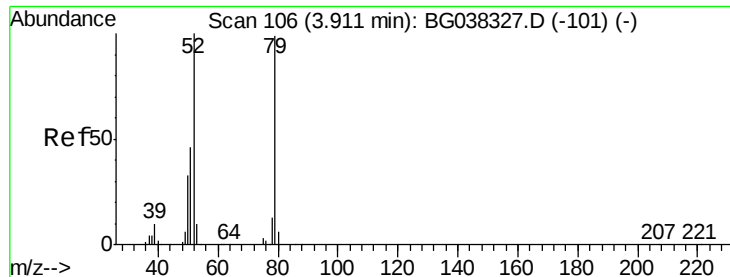
#2
 1,4-Dioxane
 Concen: 31.009 ng
 RT: 3.51 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion: 88 Resp: 19056
 Ion Ratio Lower Upper
 88 100
 58 104.3 74.4 111.6
 43 256.7 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: 32.534 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

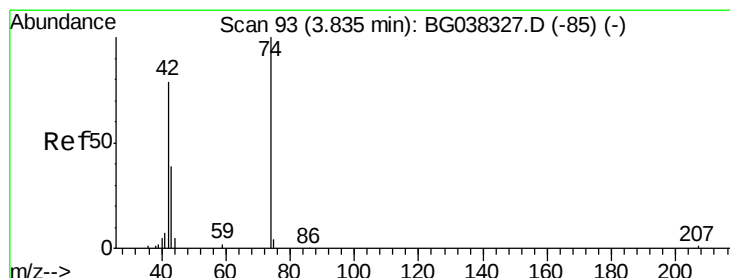
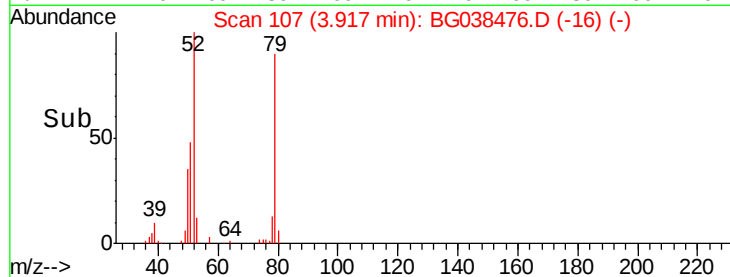
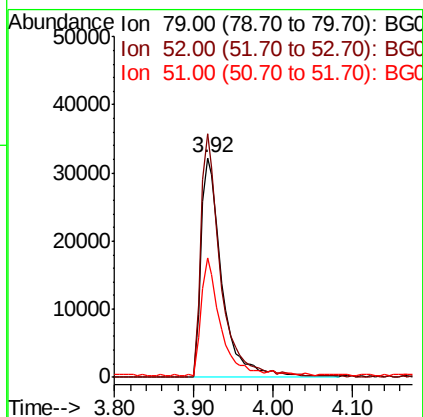
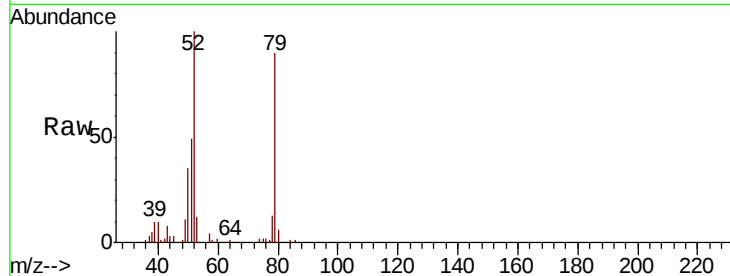
Tgt Ion: 79 Resp: 59814

Ion Ratio Lower Upper

79 100

52 111.0 74.2 111.2

51 54.6 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 47.659 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

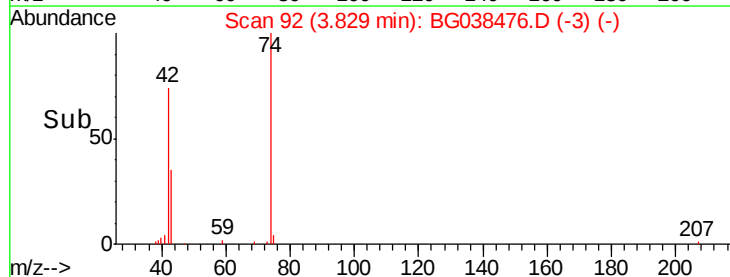
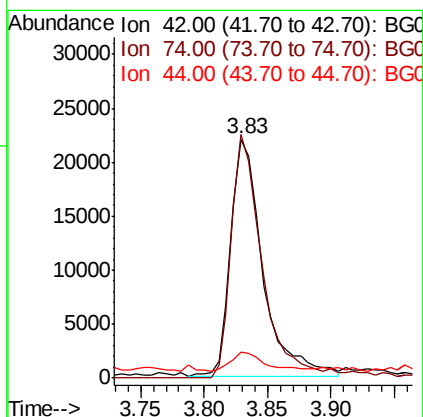
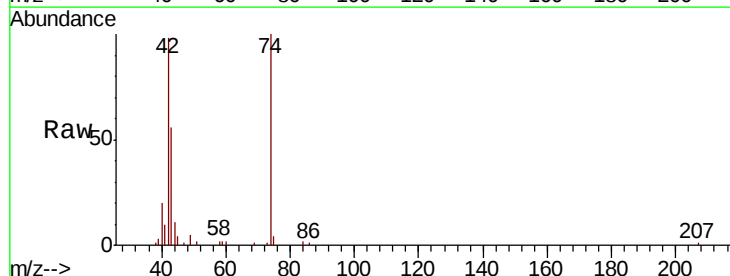
Tgt Ion: 42 Resp: 38381

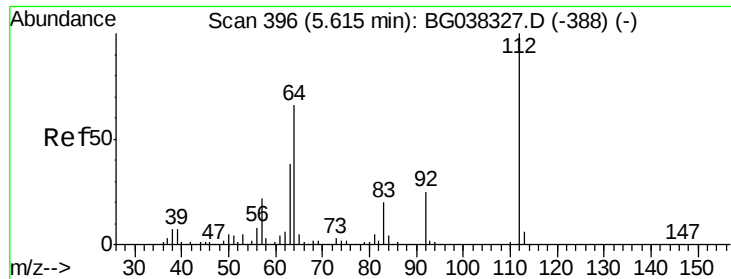
Ion Ratio Lower Upper

42 100

74 101.9 102.0 153.0#

44 10.9 9.6 14.4





#5

2-Fluorophenol

Concen: 141.913 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

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ClientSampleId :

OR-02-121018-AMSD

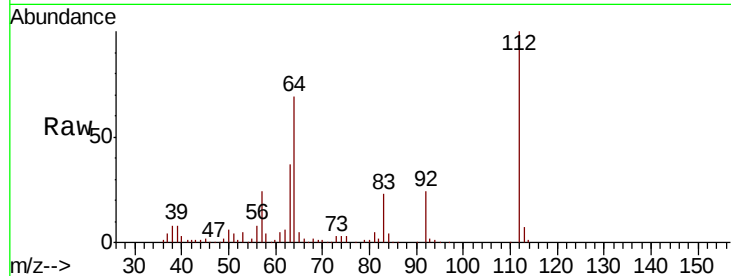
Tgt Ion: 112 Resp: 190282

Ion Ratio Lower Upper

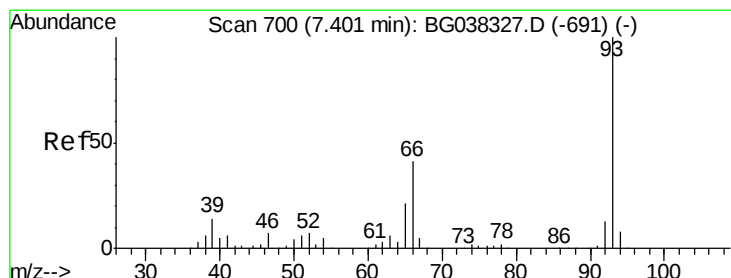
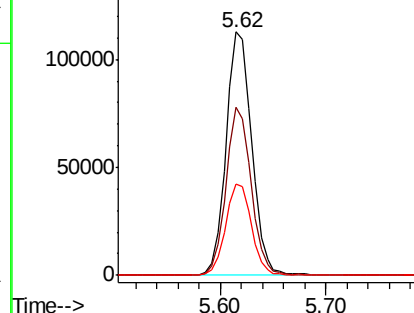
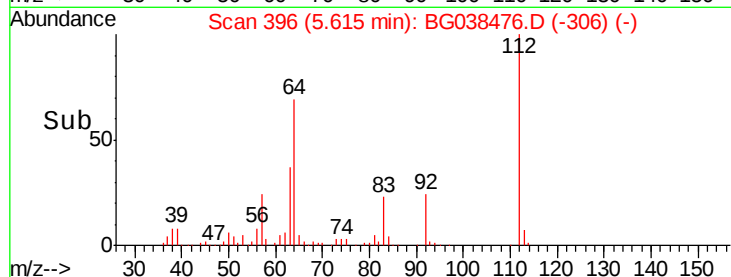
112 100

64 68.8 53.1 79.7

63 37.5 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: 13.553 ng

RT: 7.40 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

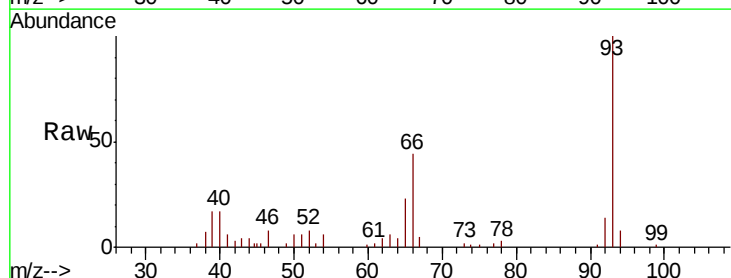
Tgt Ion: 93 Resp: 33546

Ion Ratio Lower Upper

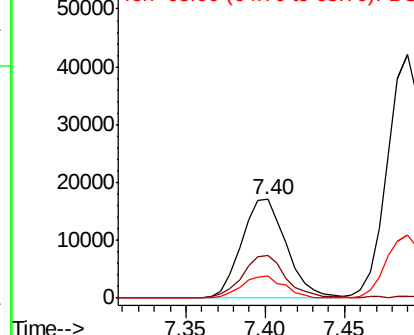
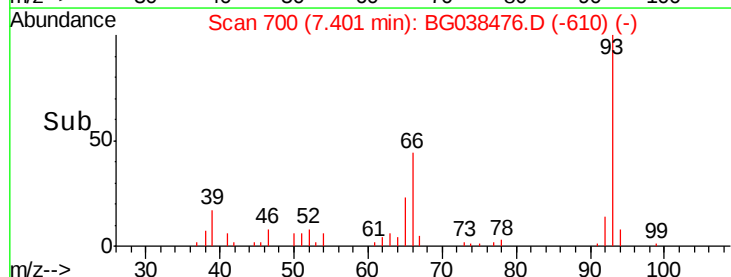
93 100

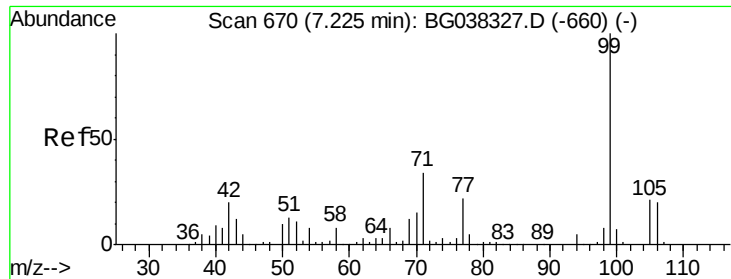
66 43.9 32.8 49.2

65 23.1 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: 128.248 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG038476.D

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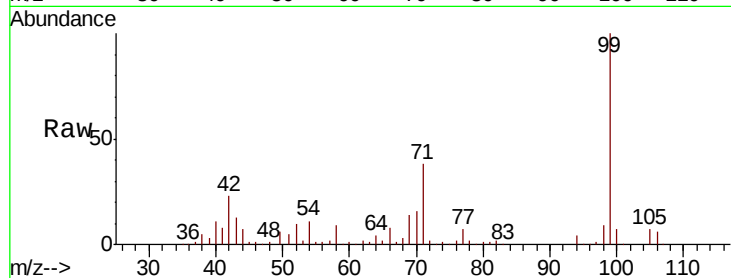
Tgt Ion: 99 Resp: 248540

Ion Ratio Lower Upper

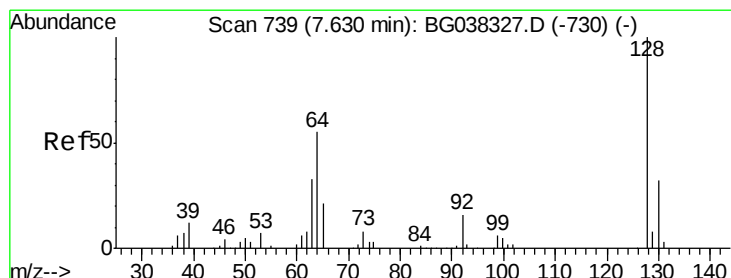
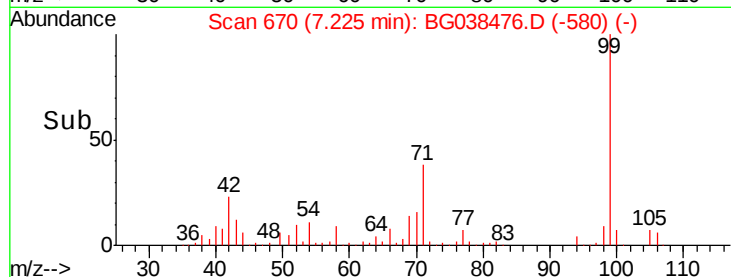
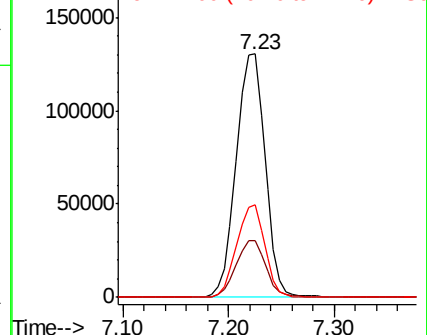
99 100

42 23.4 15.0 22.4#

71 38.3 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: 47.935 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

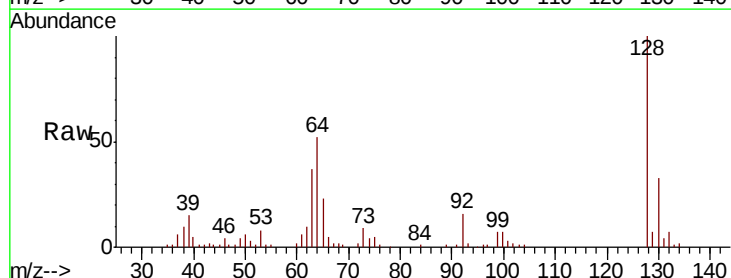
Tgt Ion: 128 Resp: 74645

Ion Ratio Lower Upper

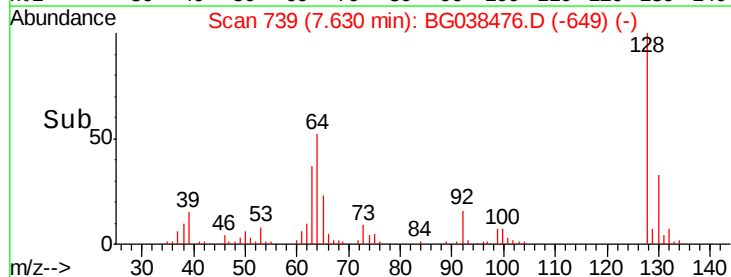
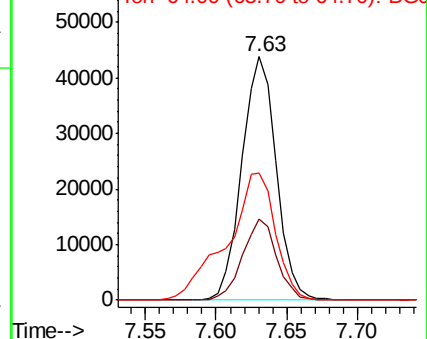
128 100

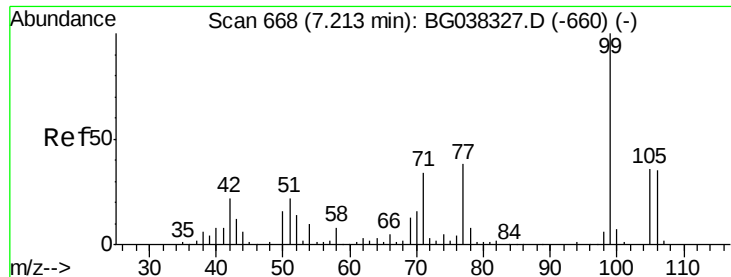
130 33.1 12.0 52.0

64 52.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 27.085 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

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ClientSampleId :

OR-02-121018-AMSD

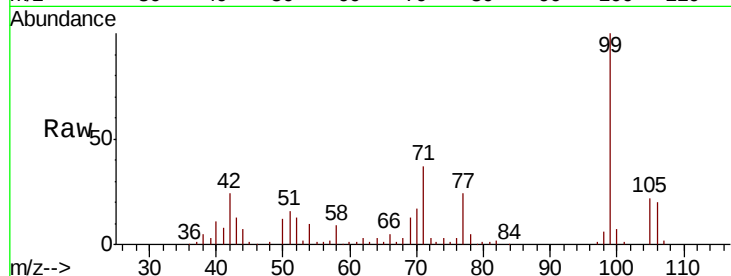
Tgt Ion: 77 Resp: 33238

Ion Ratio Lower Upper

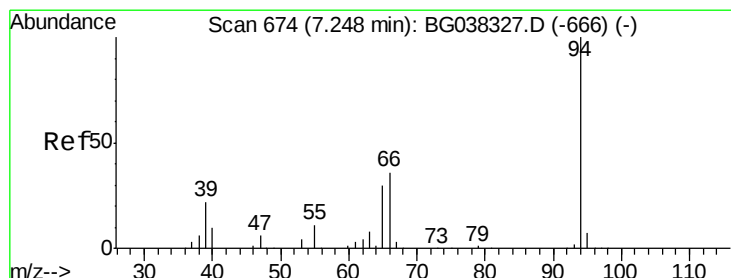
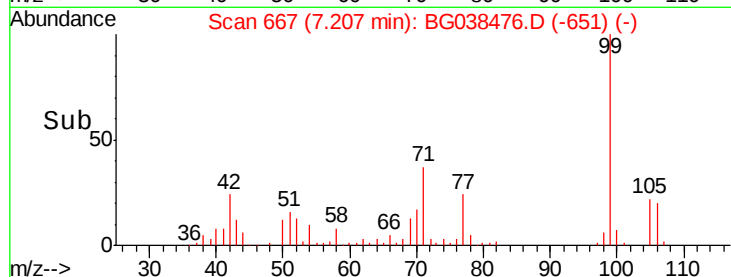
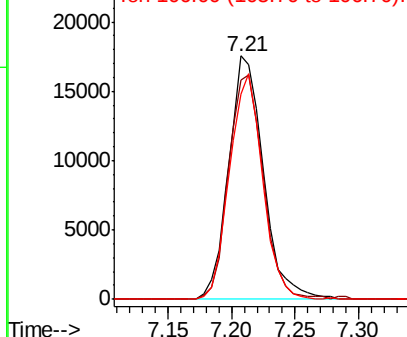
77 100

105 89.9 72.6 112.6

106 84.1 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: 40.397 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

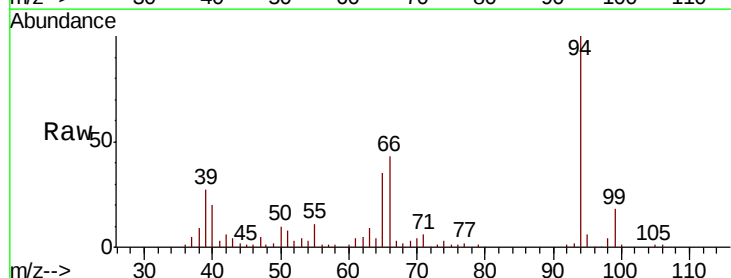
Tgt Ion: 94 Resp: 82717

Ion Ratio Lower Upper

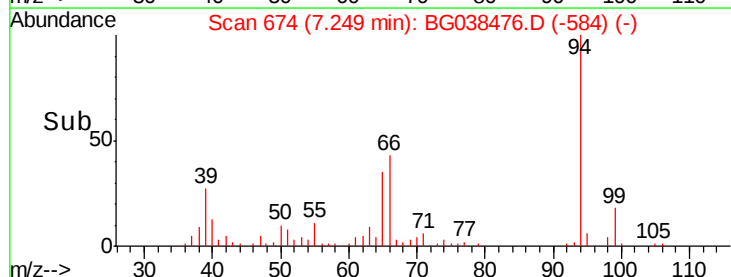
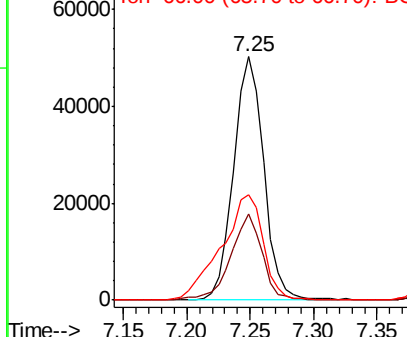
94 100

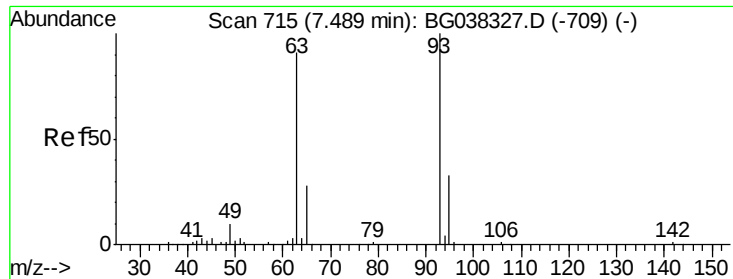
65 35.4 9.7 49.7

66 43.4 15.9 55.9



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

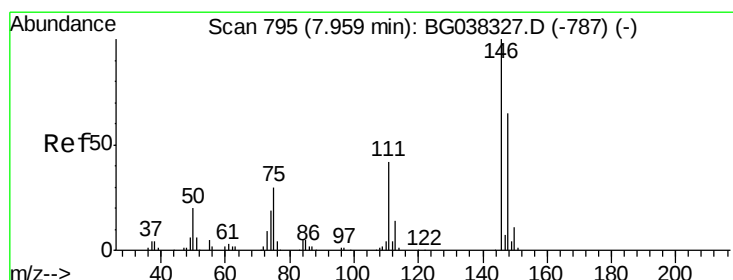
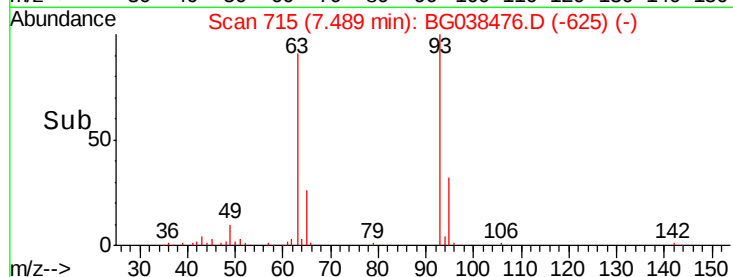
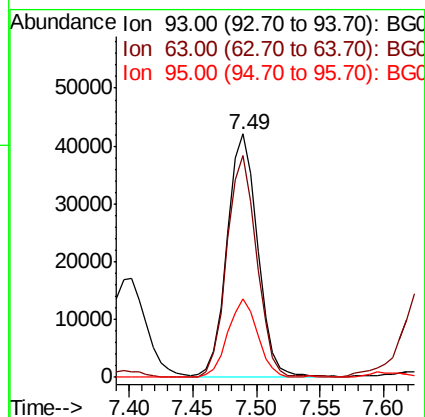
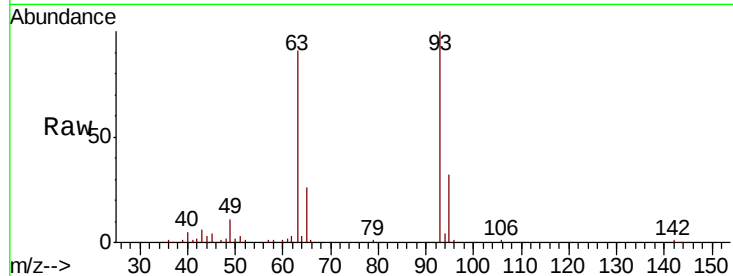




#11
bis(2-Chloroethyl)ether
Concen: 41.985 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

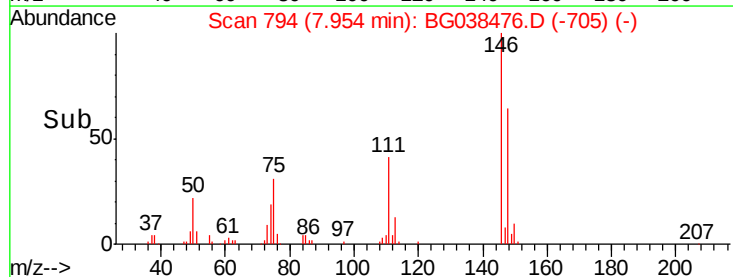
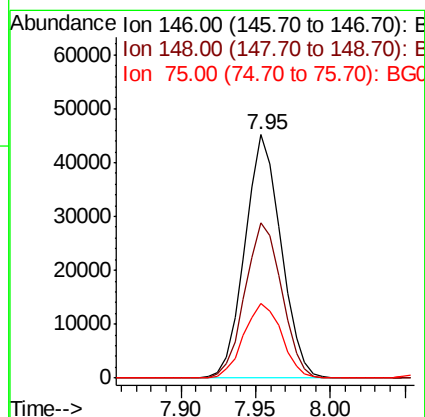
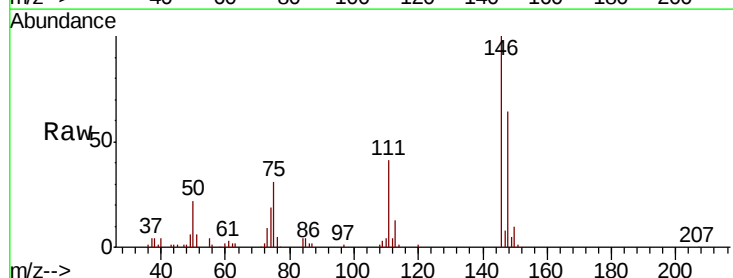
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

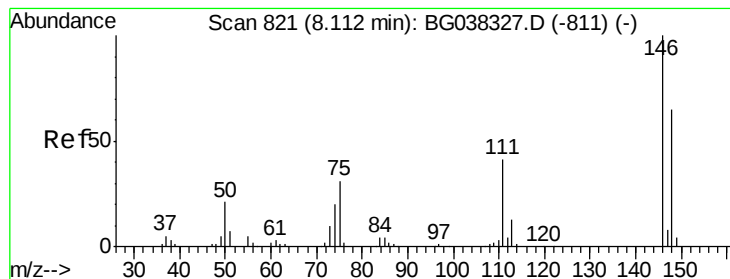
Tgt Ion: 93 Resp: 70406
Ion Ratio Lower Upper
93 100
63 90.9 69.5 109.5
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.420 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion: 146 Resp: 75386
Ion Ratio Lower Upper
146 100
148 63.8 49.8 74.8
75 30.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.968 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

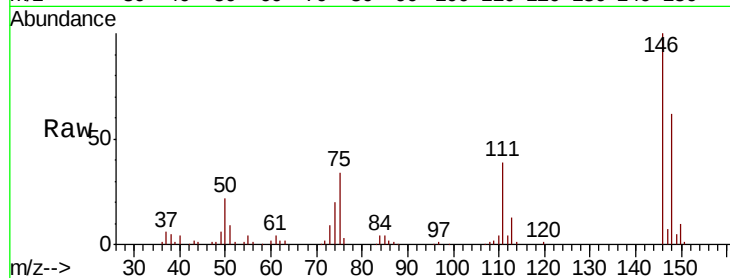
Tgt Ion:146 Resp: 79031

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

111 39.3 32.4 48.6

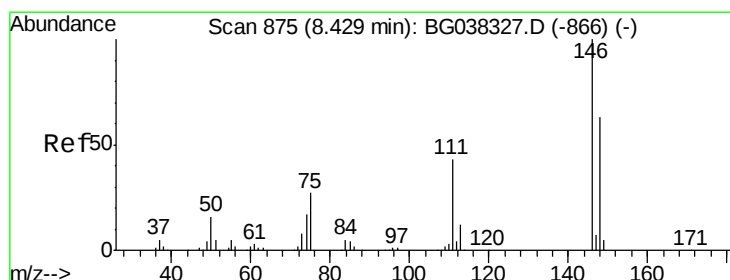
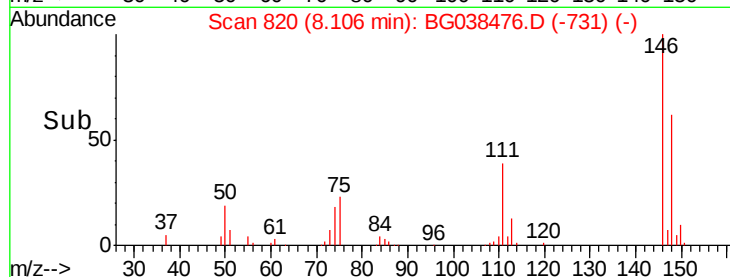
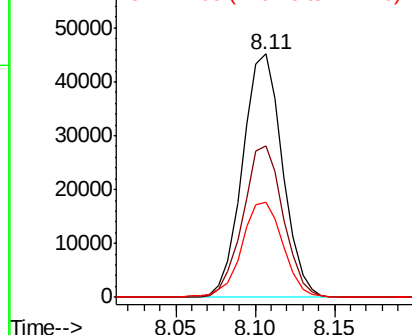


Abundance

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: 43.020 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

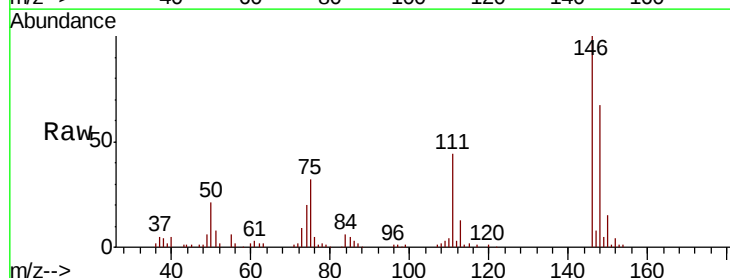
Tgt Ion:146 Resp: 73539

Ion Ratio Lower Upper

146 100

148 67.3 50.4 75.6

111 44.1 34.6 51.8

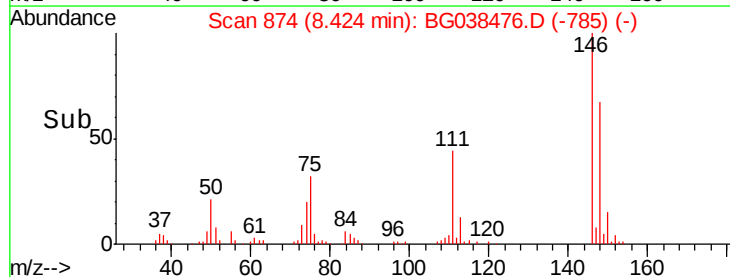
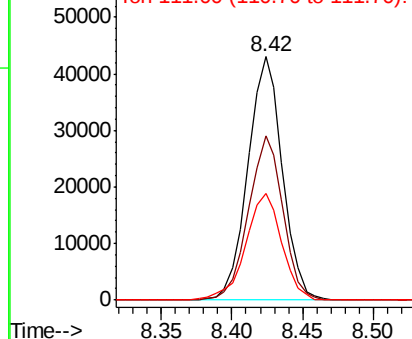


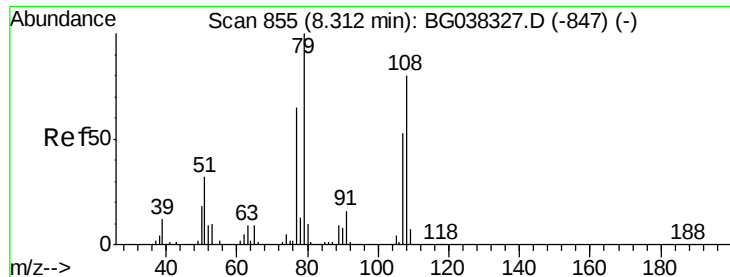
Abundance

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: 45.097 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

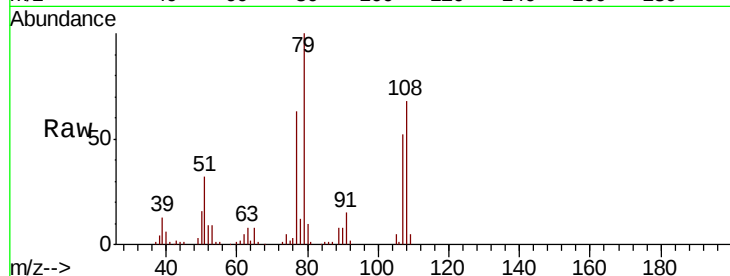
Tgt Ion: 79 Resp: 71852

Ion Ratio Lower Upper

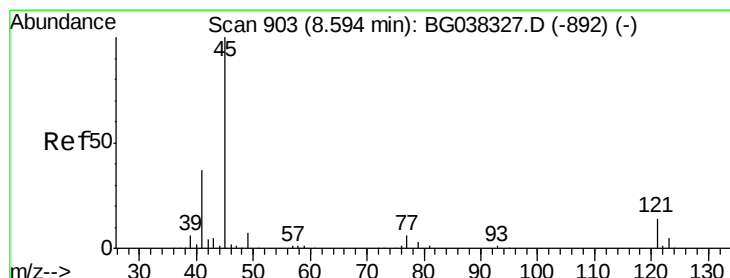
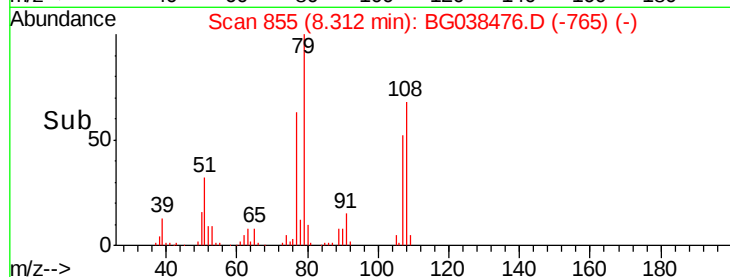
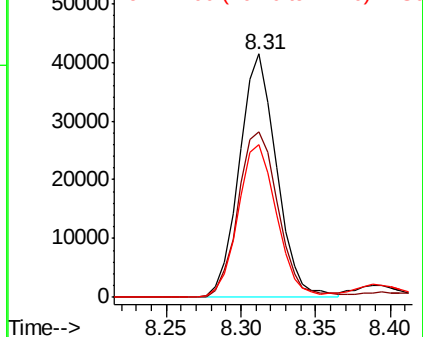
79 100

108 68.0 65.8 98.8

77 62.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.166 ng

RT: 8.59 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

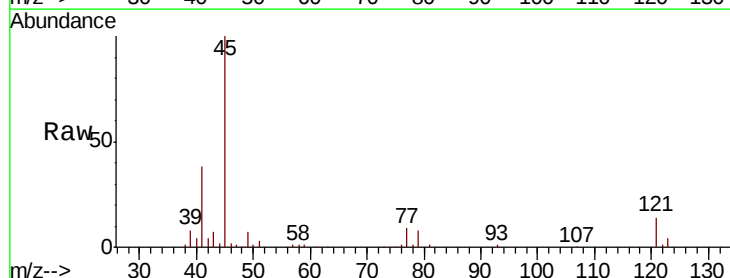
Tgt Ion: 45 Resp: 157023

Ion Ratio Lower Upper

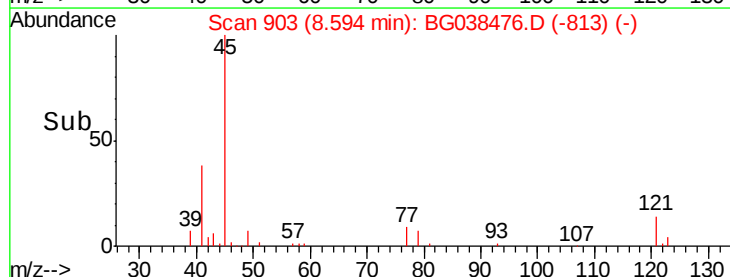
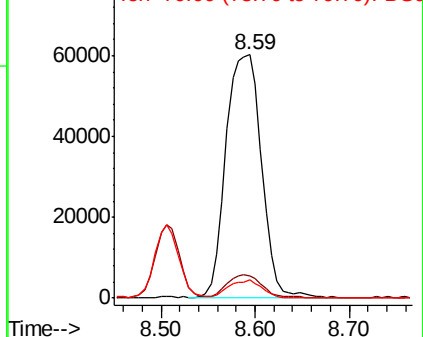
45 100

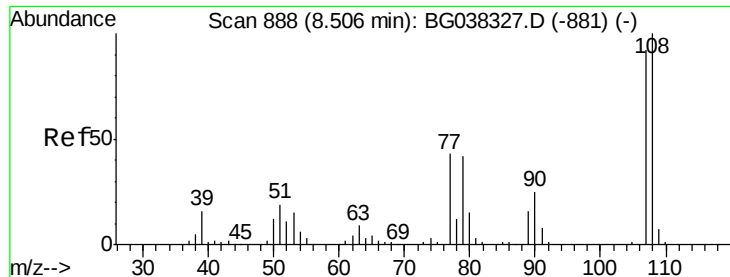
77 9.3 0.0 30.0

79 7.5 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

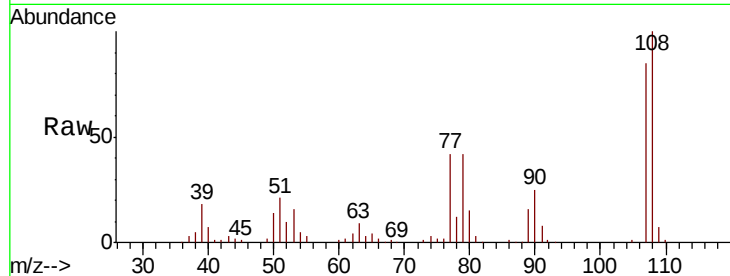




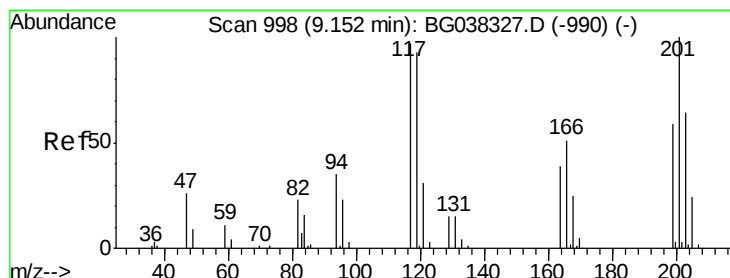
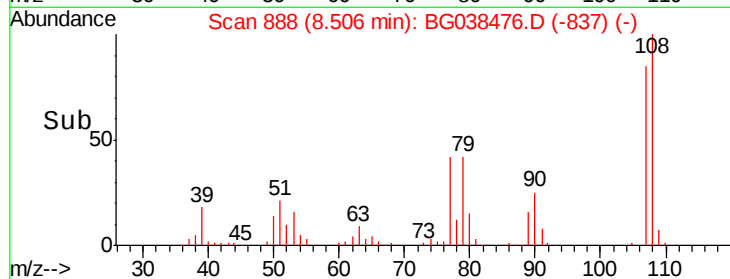
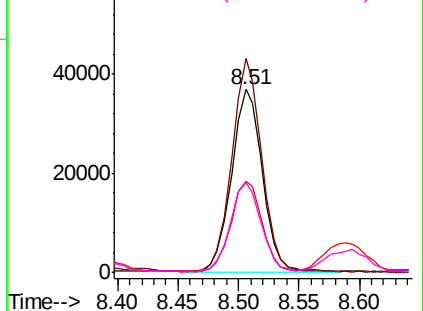
#17
2-Methylphenol
Concen: 46.882 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:107 Resp: 65764
Ion Ratio Lower Upper
107 100
108 117.0 87.9 131.9
77 49.7 35.1 52.7
79 49.3 34.5 51.7

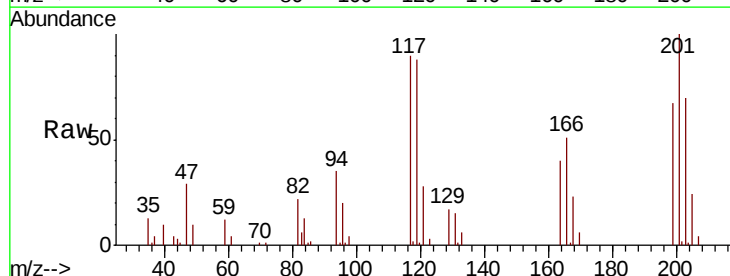


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

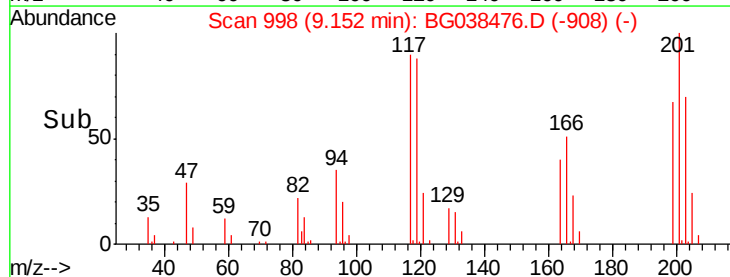
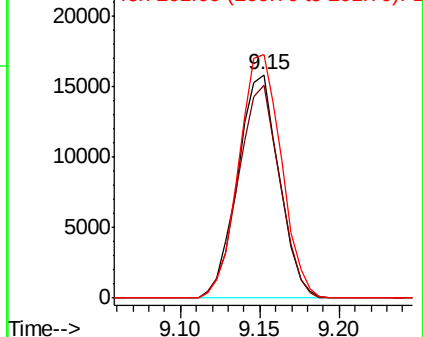


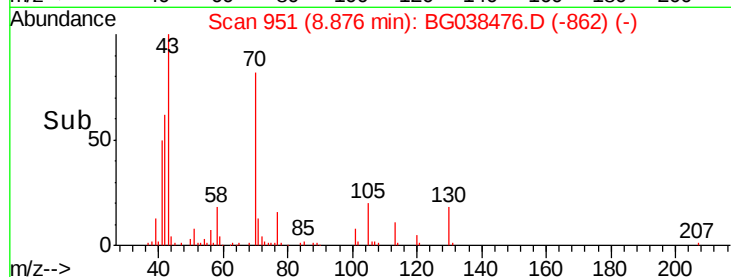
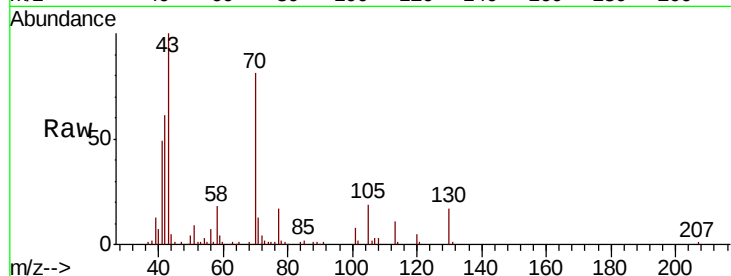
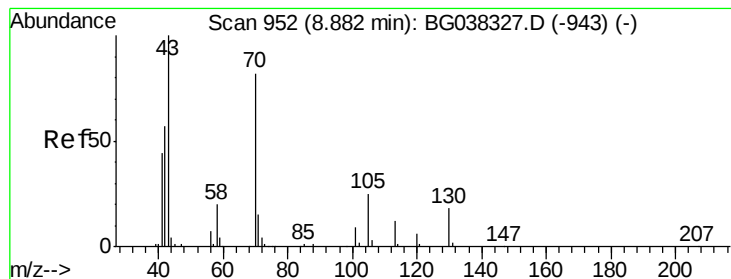
#18
Hexachloroethane
Concen: 42.413 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:117 Resp: 28826
Ion Ratio Lower Upper
117 100
119 96.8 74.6 111.8
201 111.7 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: 43.022 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tgt Ion: 70 Resp: 60711

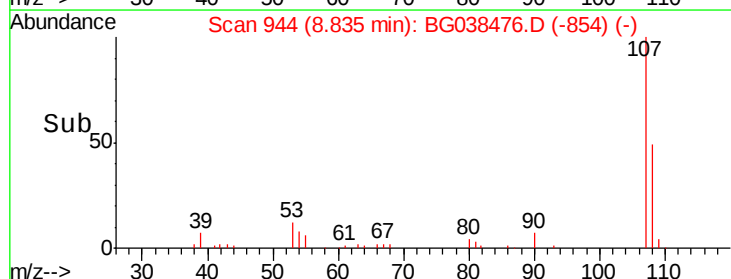
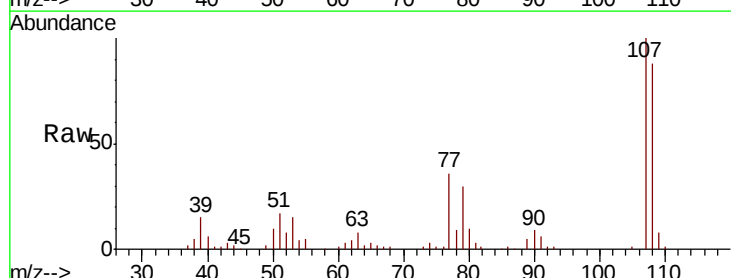
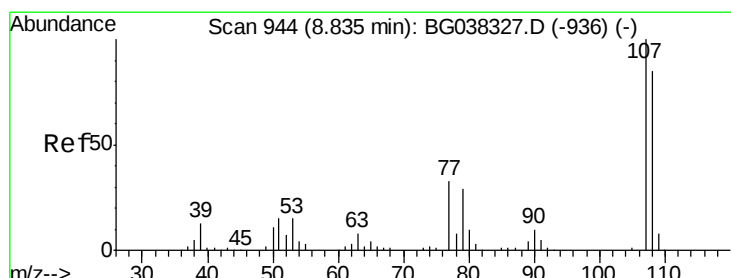
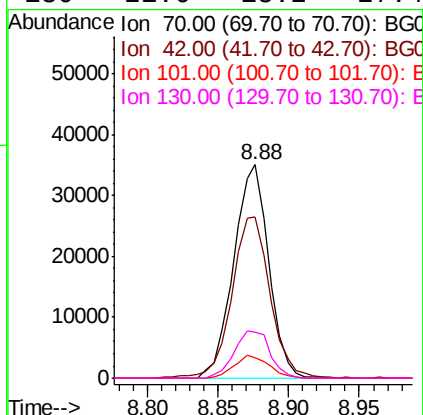
Ion Ratio Lower Upper

70 100

42 75.3 53.9 80.9

101 9.3 8.2 12.2

130 21.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 44.271 ng

RT: 8.83 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion: 107 Resp: 91323

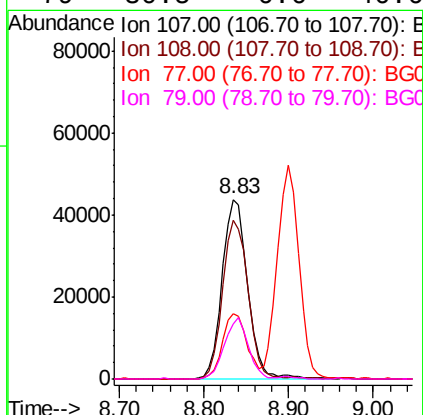
Ion Ratio Lower Upper

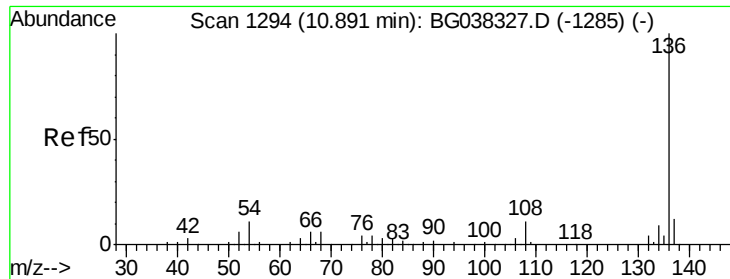
107 100

108 88.5 69.9 109.9

77 36.4 11.2 51.2

79 30.5 6.6 46.6

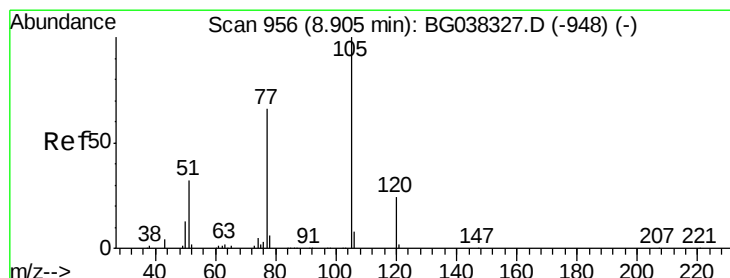
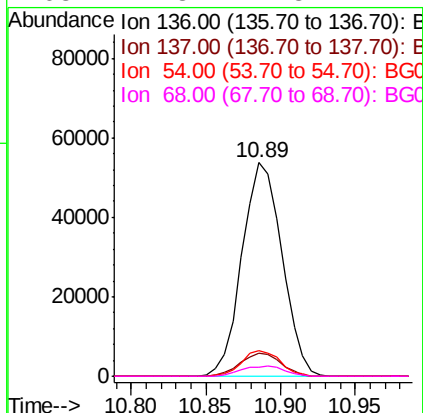
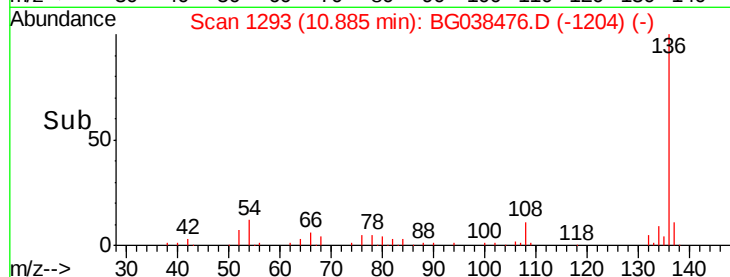
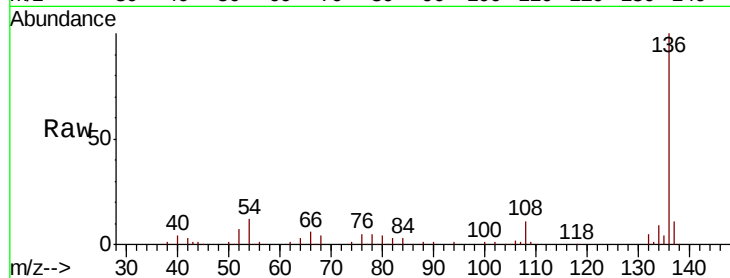




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

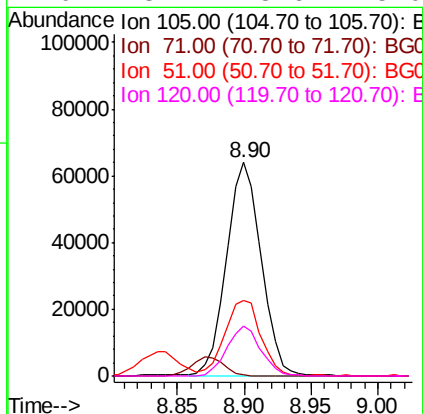
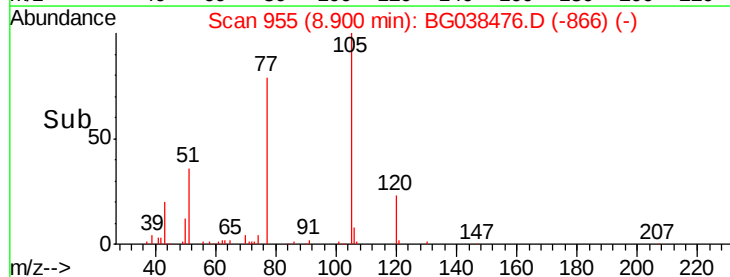
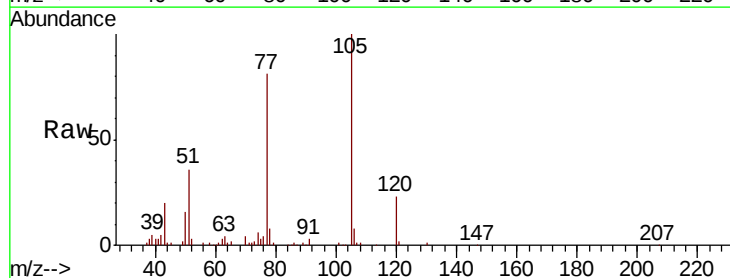
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

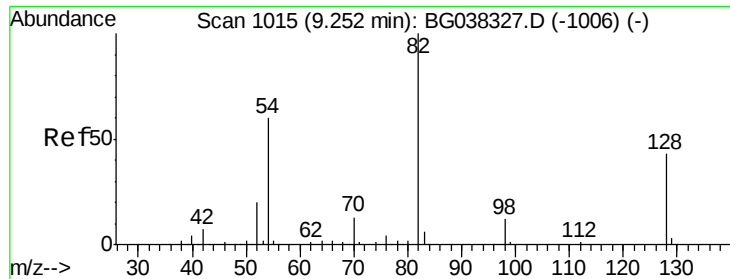
Tgt Ion:	136	Resp:	99658
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.6	14.4
54	11.9	7.9	11.9#
68	4.3	4.8	7.2#



#22
Acetophenone
Concen: 48.829 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:	105	Resp:	116082
Ion Ratio	Lower	Upper	
105	100		
71	0.7	1.2	1.8#
51	35.6	25.0	37.6
120	23.1	18.6	28.0

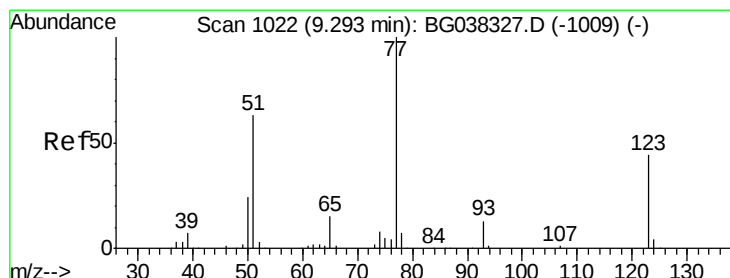
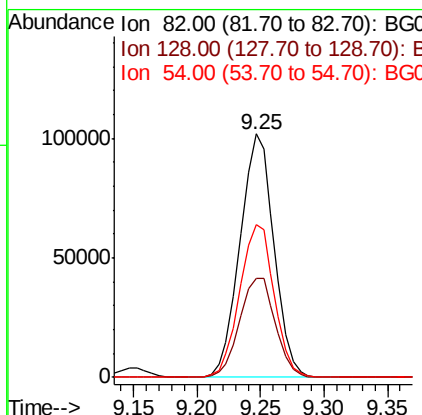
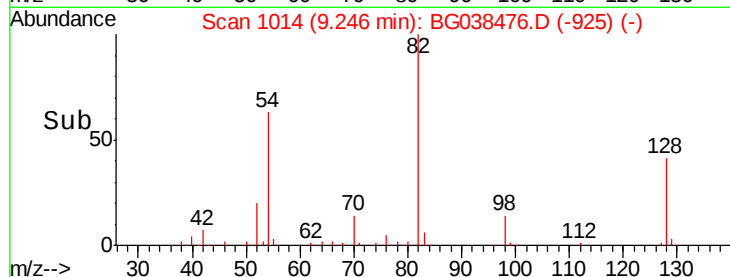
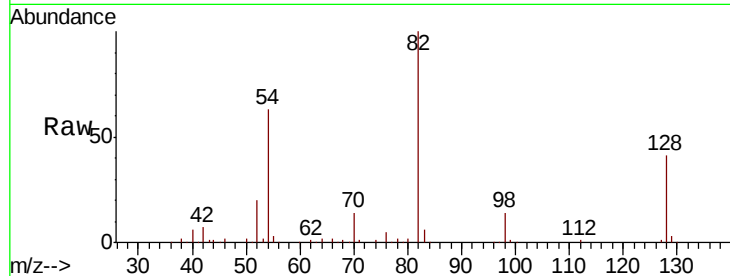




#23
 Nitrobenzene-d5
 Concen: 94.318 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

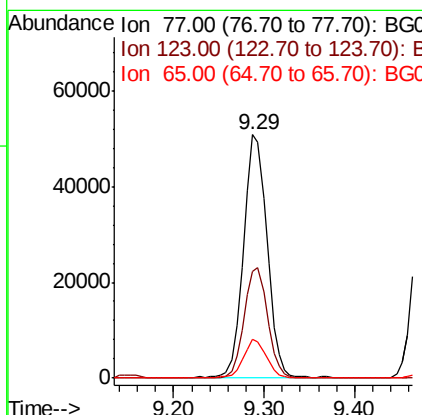
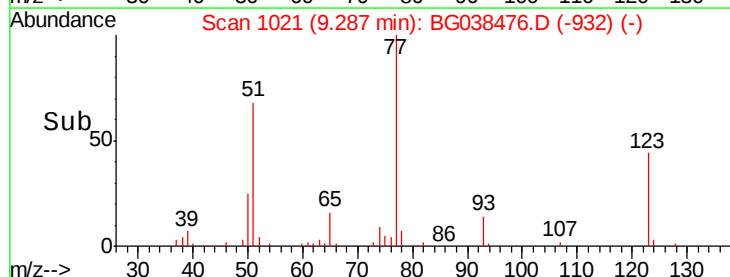
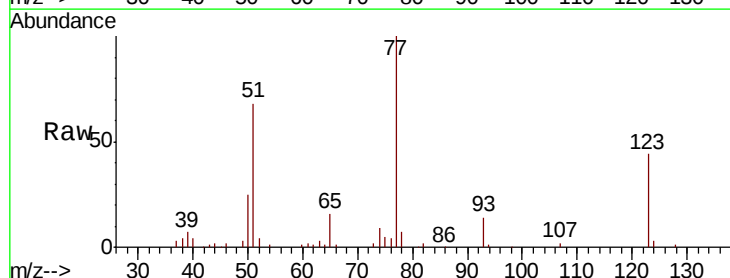
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

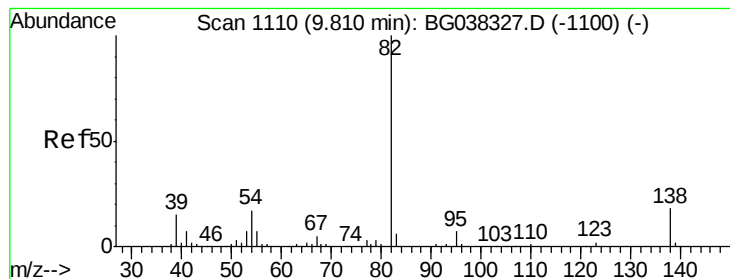
Tgt Ion: 82 Resp: 189324
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 51.8
 54 62.6 45.3 67.9



#24
 Nitrobenzene
 Concen: 45.116 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion: 77 Resp: 92008
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.6 50.4
 65 16.1 11.3 16.9





#25

Isophorone

Concen: 49.464 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

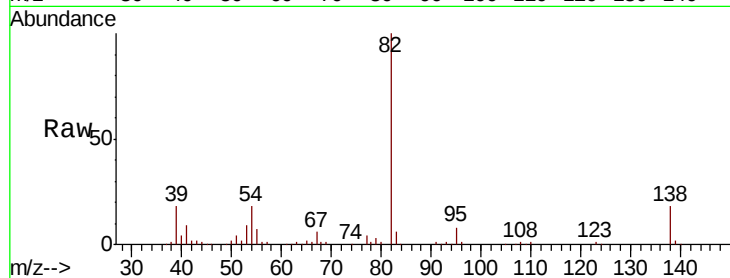
Tgt Ion: 82 Resp: 174487

Ion Ratio Lower Upper

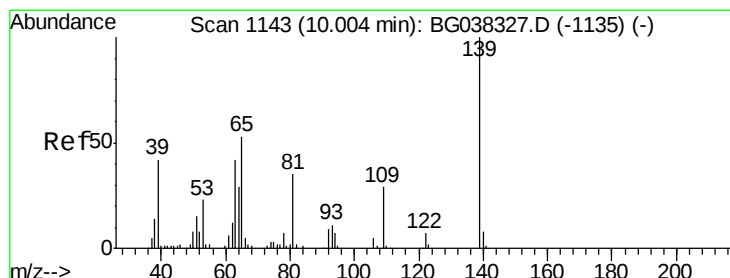
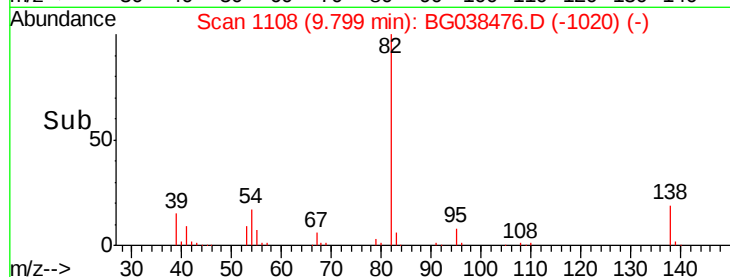
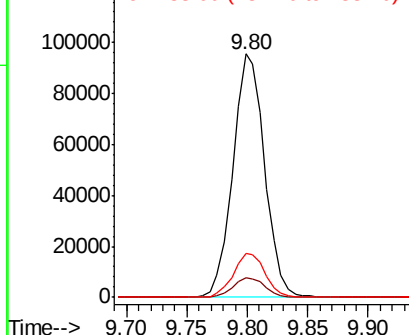
82 100

95 8.0 5.3 7.9#

138 18.1 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: 48.365 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

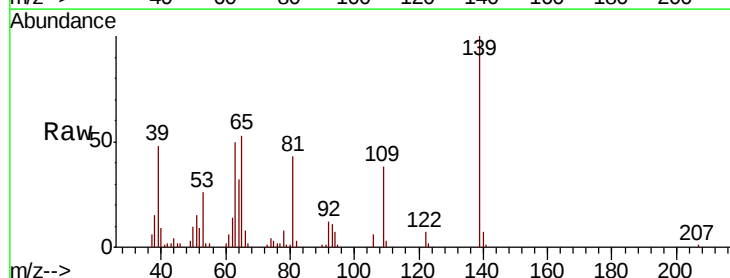
Tgt Ion: 139 Resp: 45702

Ion Ratio Lower Upper

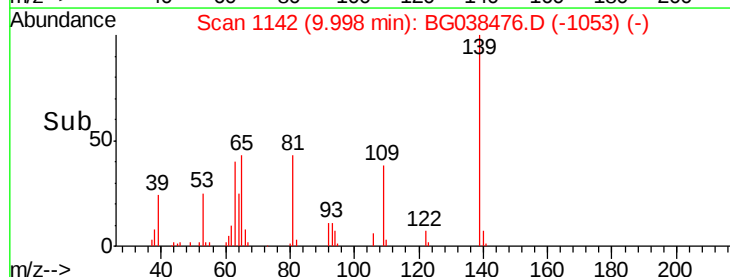
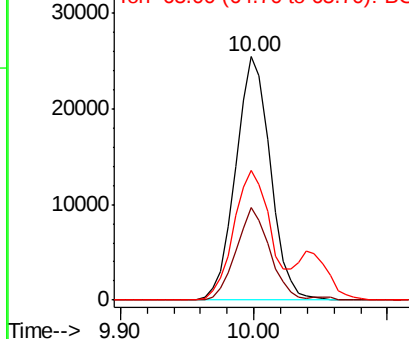
139 100

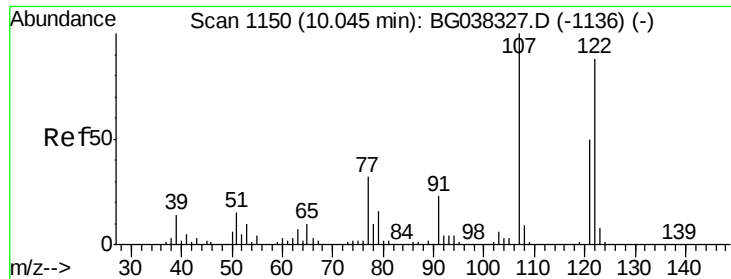
109 38.0 23.3 34.9#

65 53.3 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

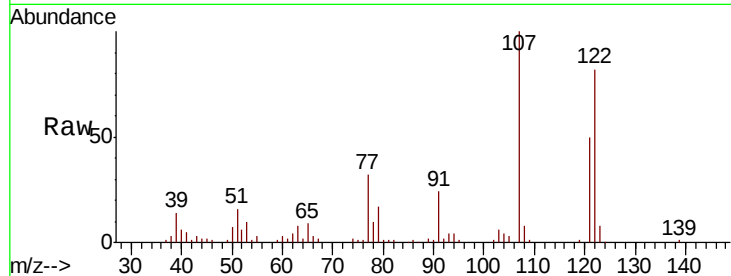




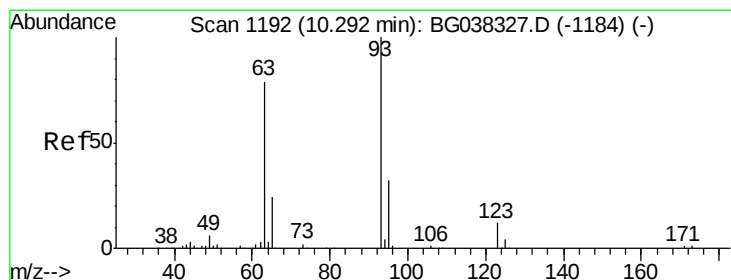
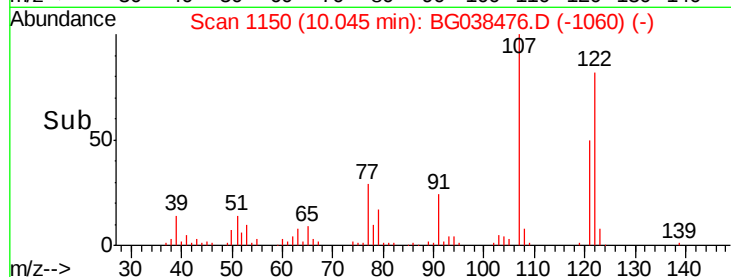
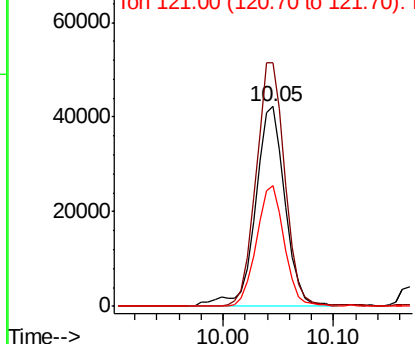
#27
 2,4-Dimethylphenol
 Concen: 58.491 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion: 122 Resp: 79387
 Ion Ratio Lower Upper
 122 100
 107 121.8 94.2 141.2
 121 60.7 47.3 70.9

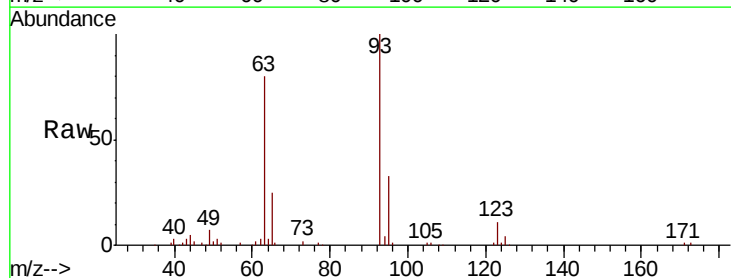


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

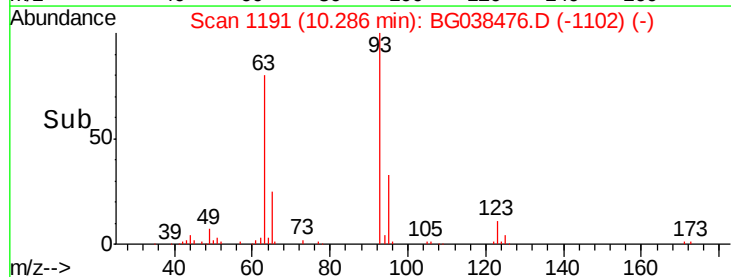
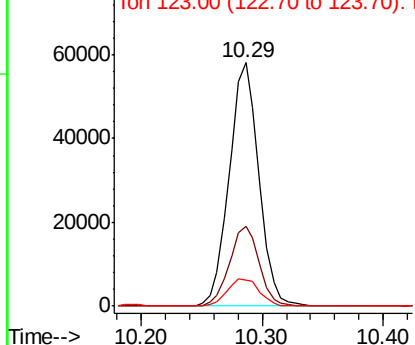


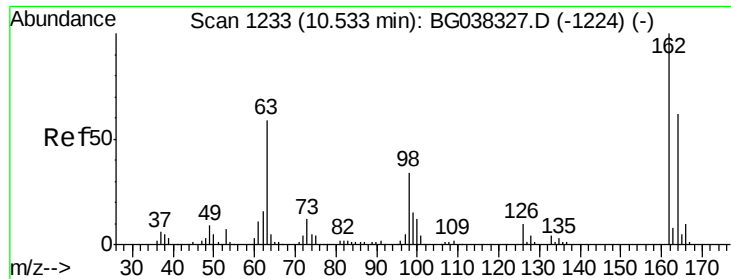
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.969 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion: 93 Resp: 99028
 Ion Ratio Lower Upper
 93 100
 95 32.8 24.6 37.0
 123 10.9 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

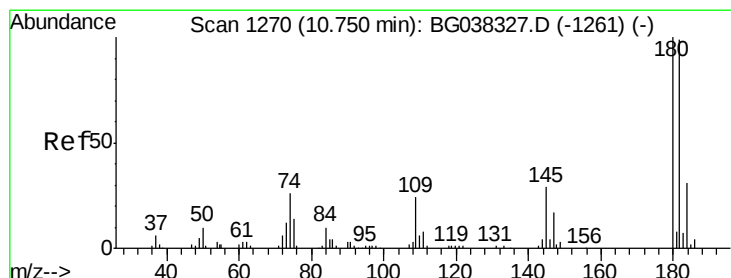
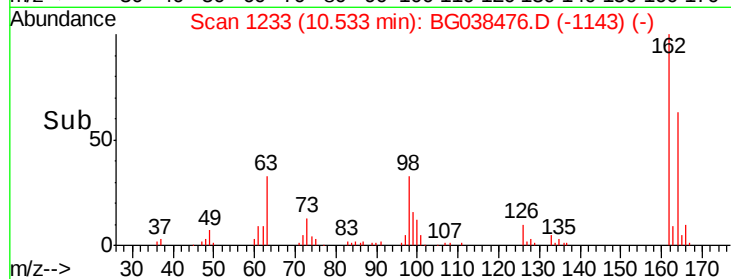
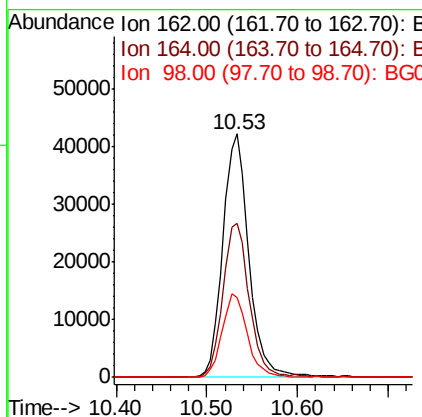
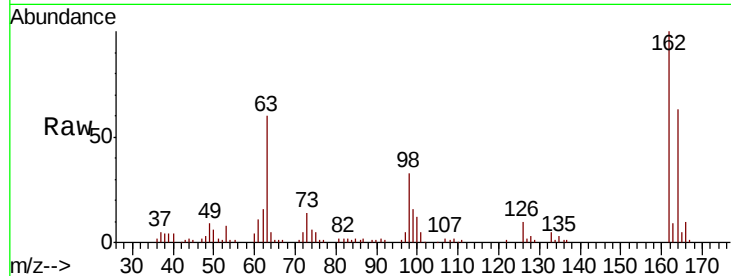




#29
 2,4-Dichlorophenol
 Concen: 54.266 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

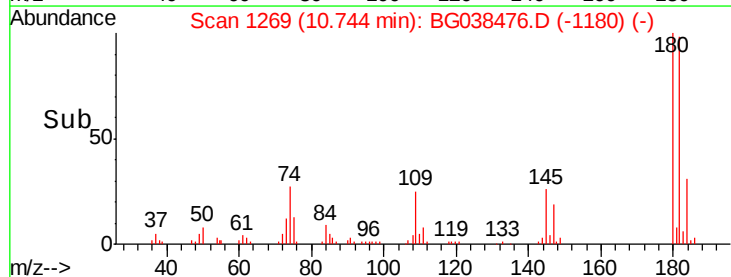
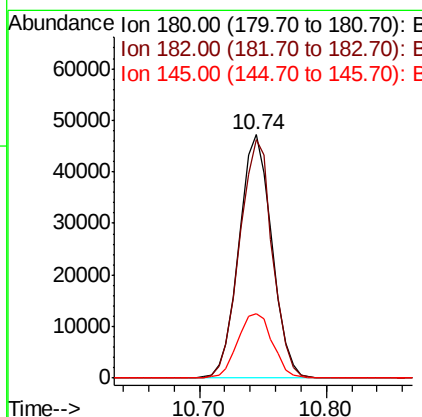
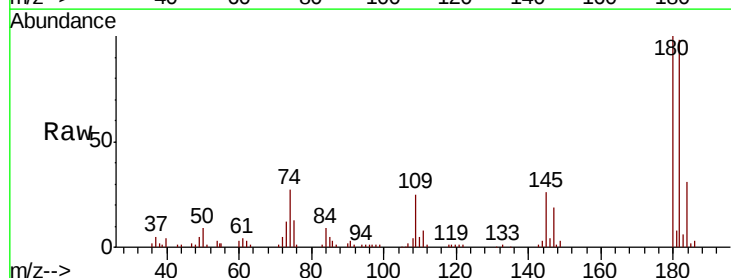
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

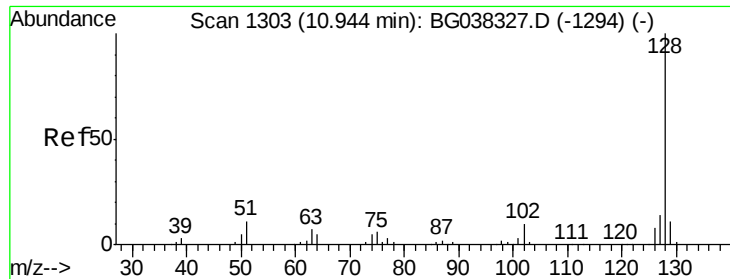
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	32.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.548 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.7	116.5
145	26.3	23.3	34.9

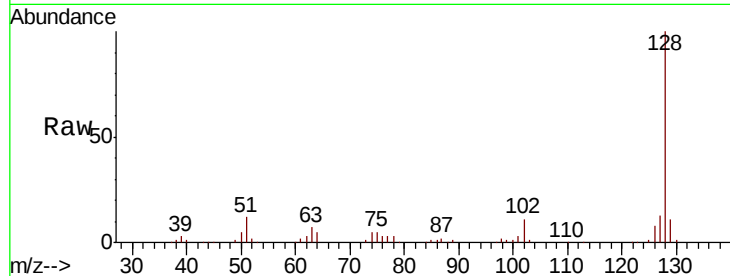




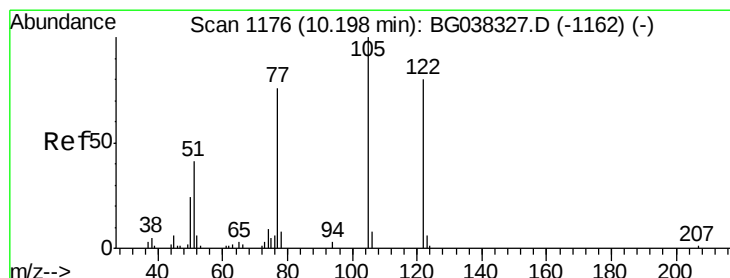
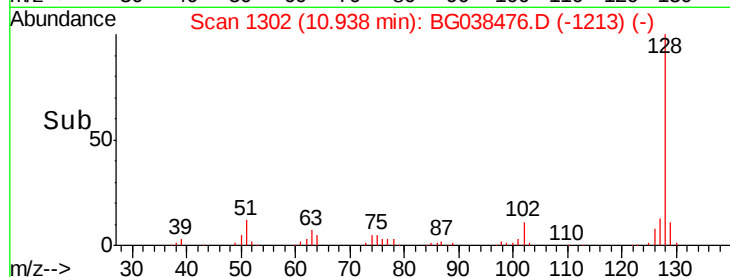
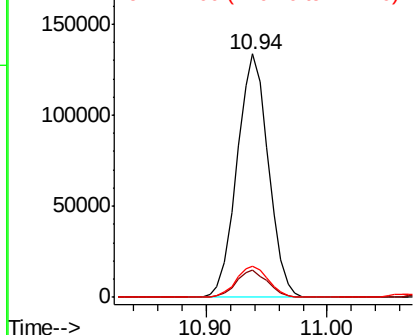
#31
Naphthalene
Concen: 50.651 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:128 Resp: 241119
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.8 11.1 16.7

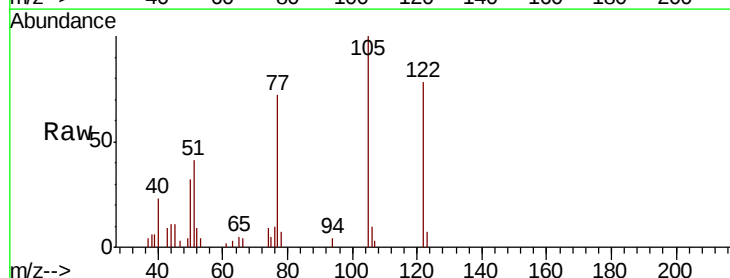


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

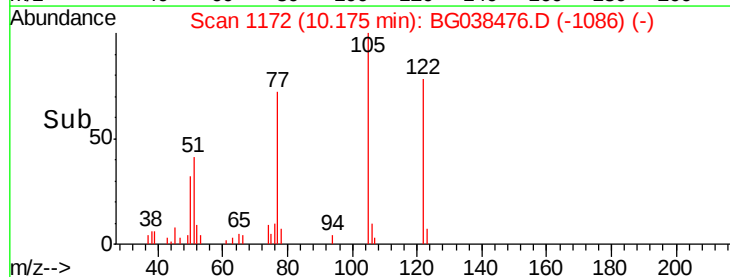
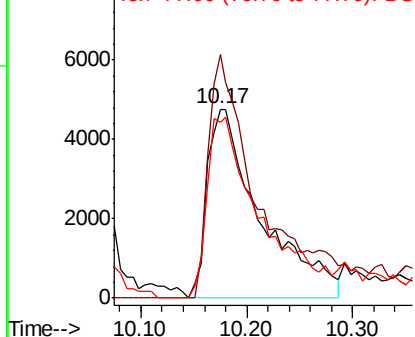


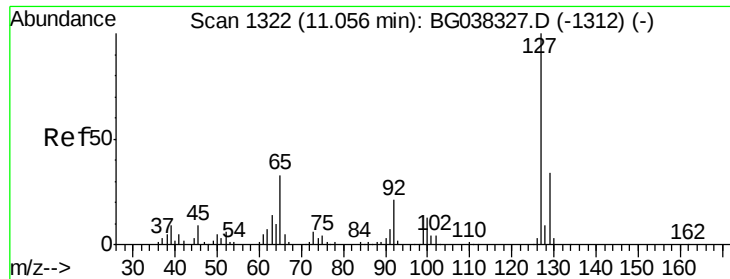
#32
Benzoic acid
Concen: 20.376 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:122 Resp: 16705
Ion Ratio Lower Upper
122 100
105 128.8 106.7 146.7
77 93.0 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

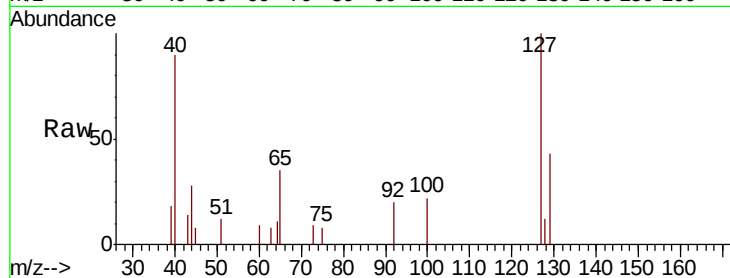




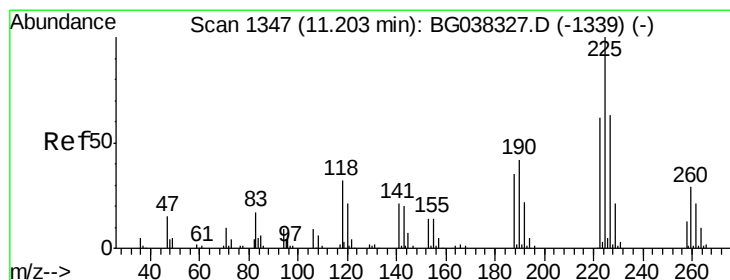
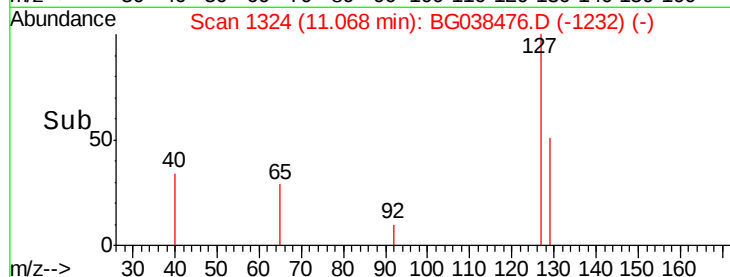
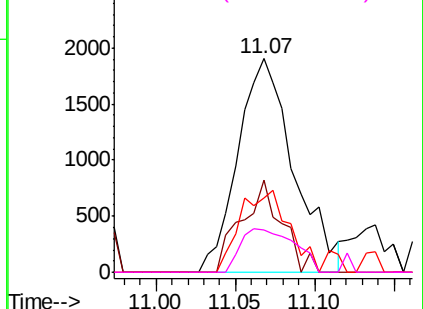
#33
4-Chloroaniline
Concen: 2.208 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:127 Resp: 4653
Ion Ratio Lower Upper
127 100
129 42.9 27.1 40.7#
65 35.1 26.6 39.8
92 19.6 16.4 24.6

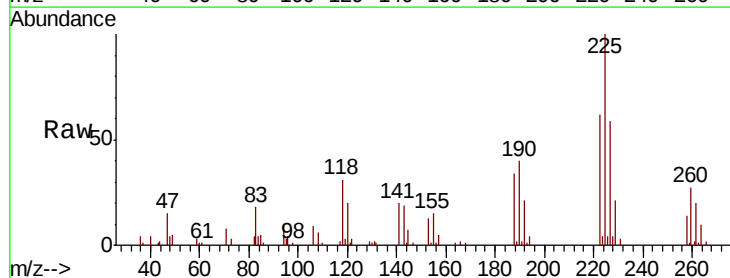


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

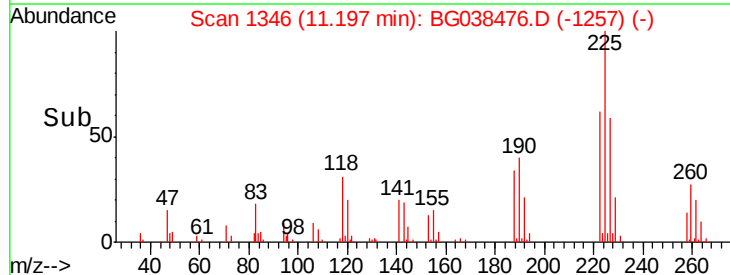
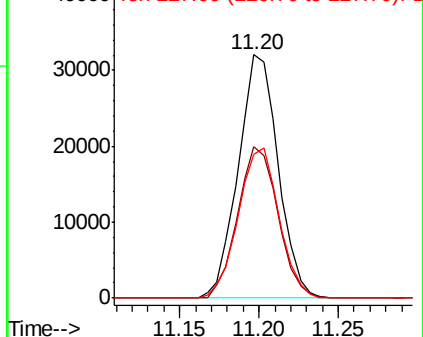


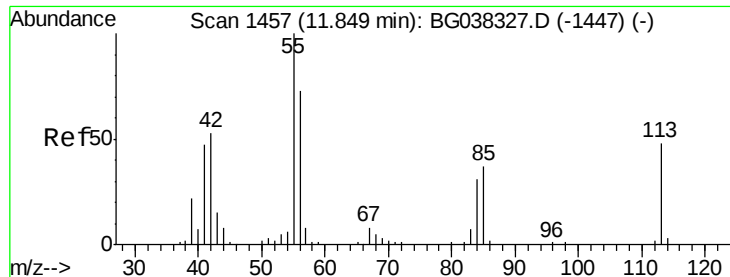
#34
Hexachlorobutadiene
Concen: 49.199 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:225 Resp: 55978
Ion Ratio Lower Upper
225 100
223 59.5 48.2 72.4
227 60.0 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

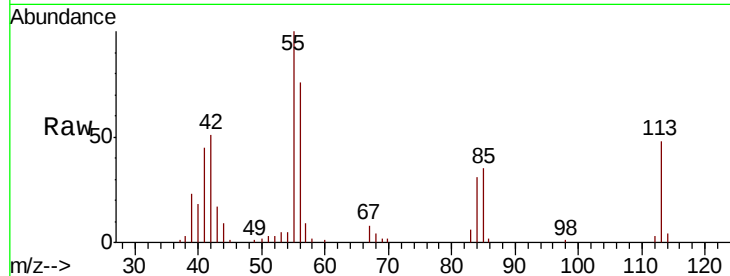




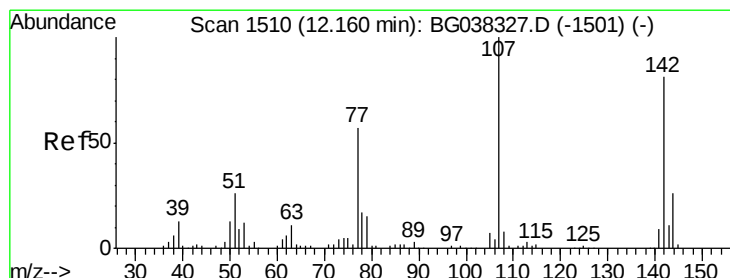
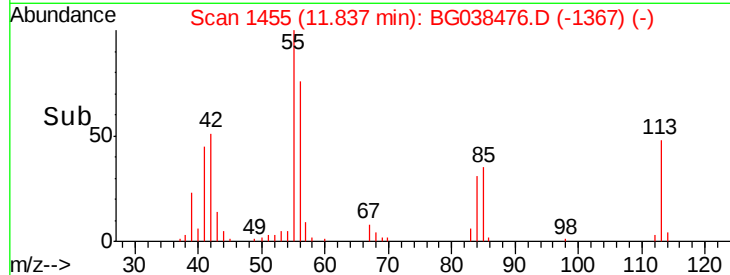
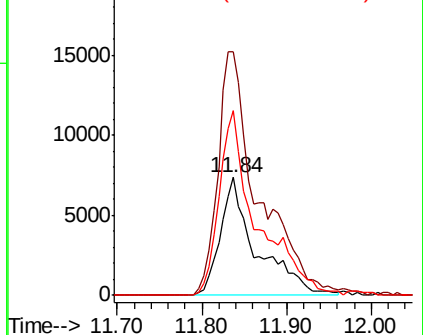
#35
 Caprolactam
 Concen: 34.133 ng
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion:113 Resp: 21869
 Ion Ratio Lower Upper
 113 100
 55 206.3 176.6 216.6
 56 156.1 128.3 168.3

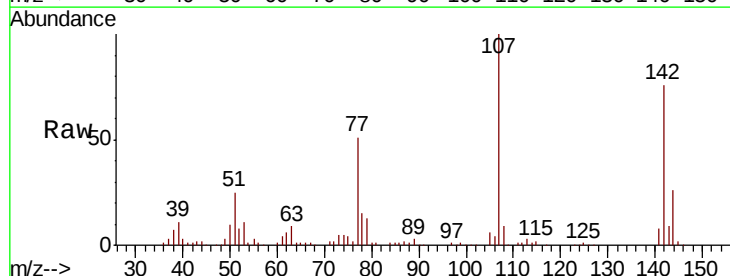


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

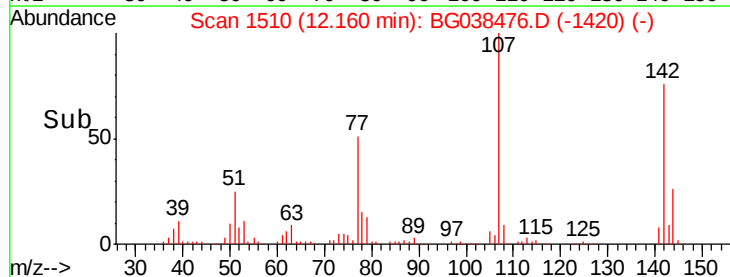
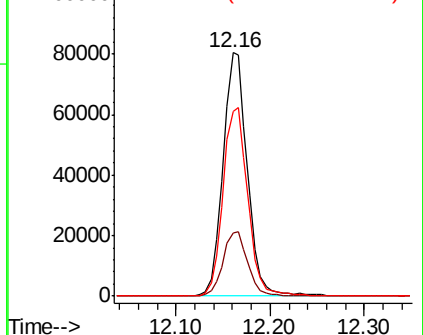


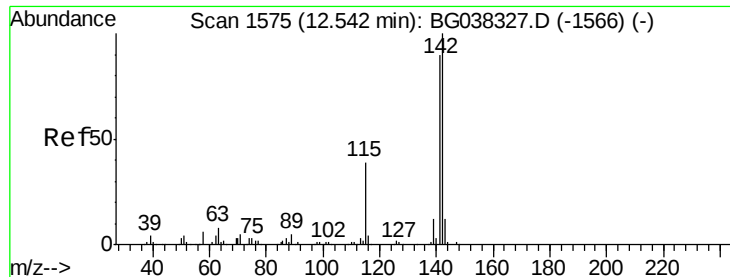
#36
 4-Chloro-3-methylphenol
 Concen: 84.024 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:107 Resp: 144639
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.7 31.1
 142 75.8 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

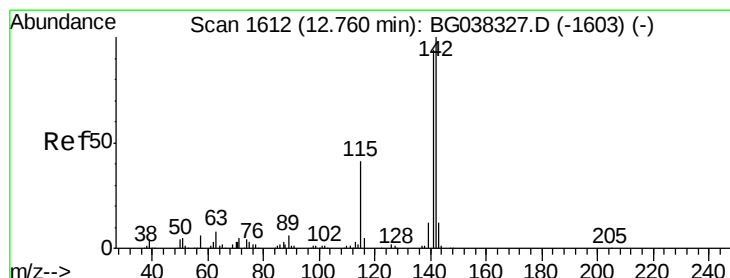
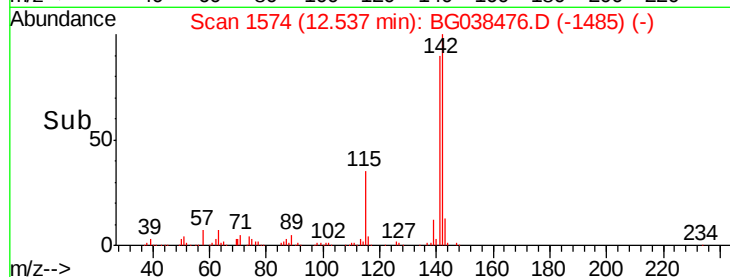
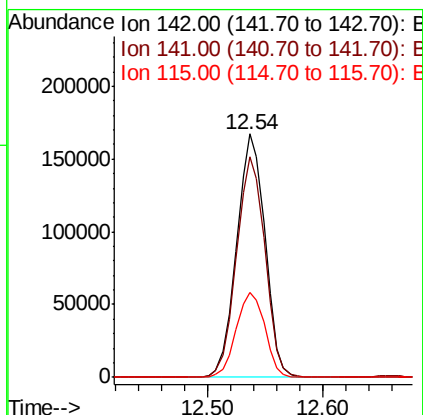
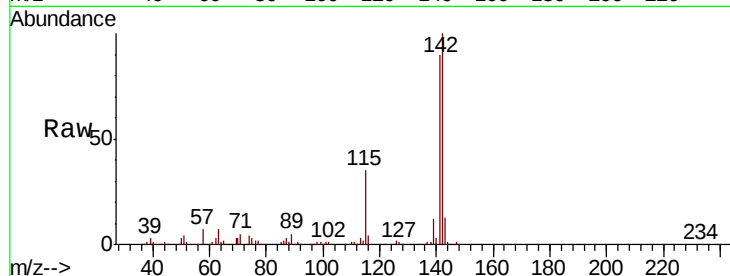




#37
 2-Methylnaphthalene
 Concen: 83.769 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

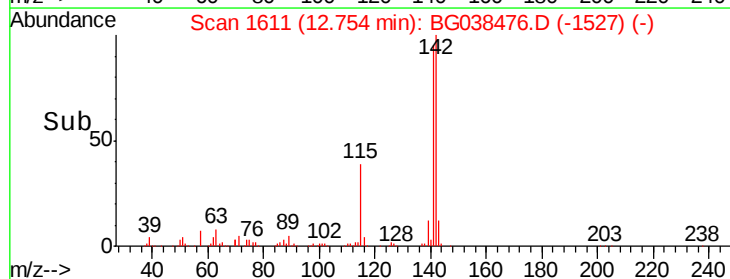
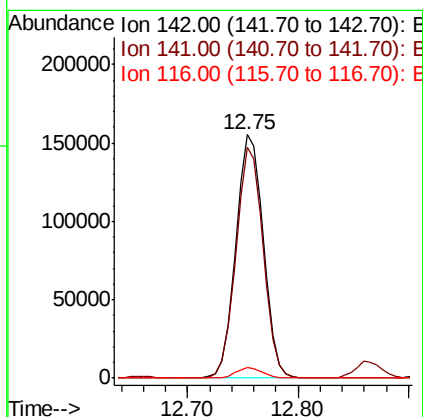
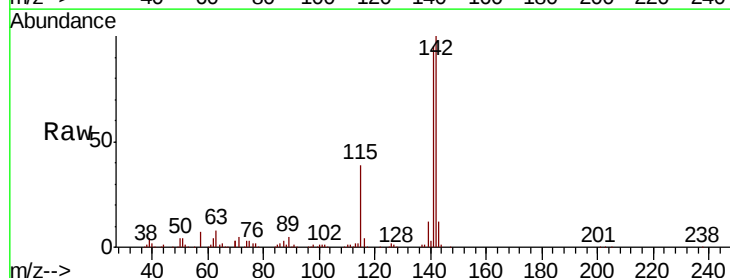
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

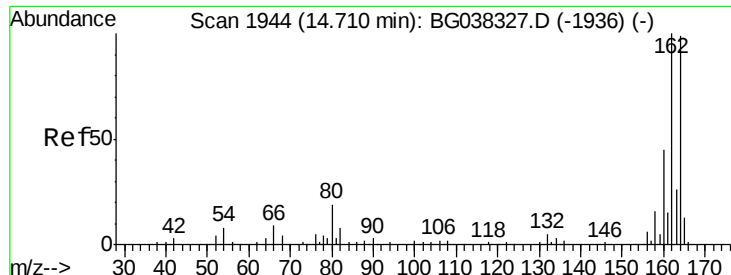
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 83.760 ng
 RT: 12.75 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	4.3	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: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

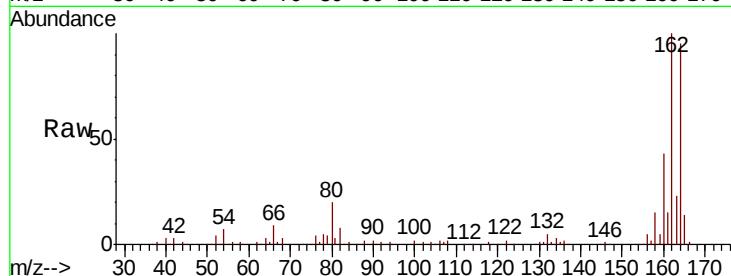
Tgt Ion:164 Resp: 99742

Ion Ratio Lower Upper

164 100

162 105.7 81.3 121.9

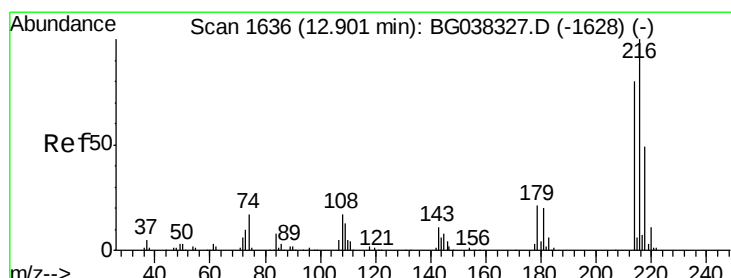
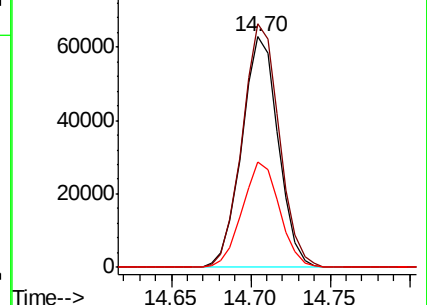
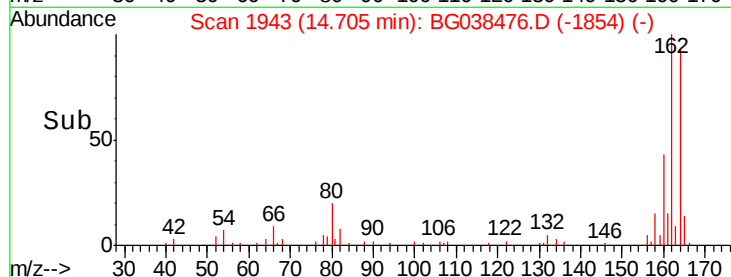
160 45.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.845 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:216 Resp: 143618

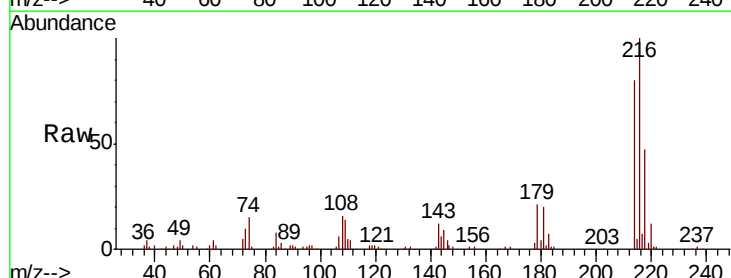
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.1 17.4 26.0

108 19.9 13.9 20.9

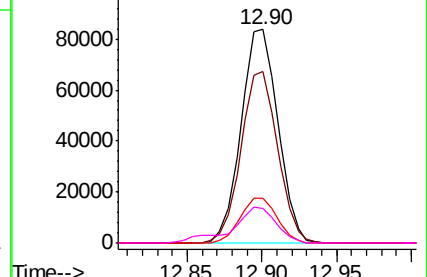
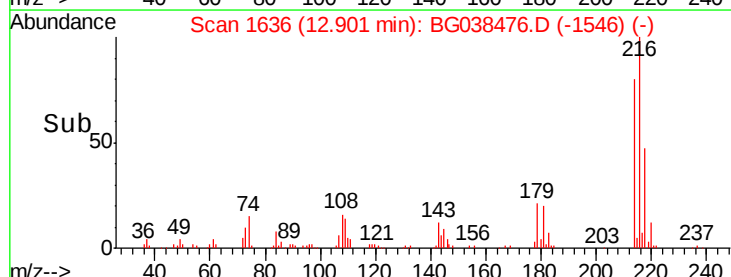


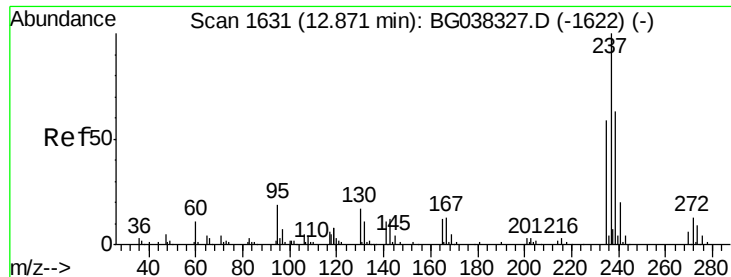
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.990 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

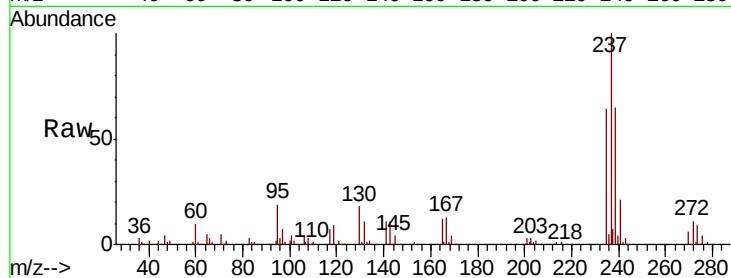
Tgt Ion: 237 Resp: 150868

Ion Ratio Lower Upper

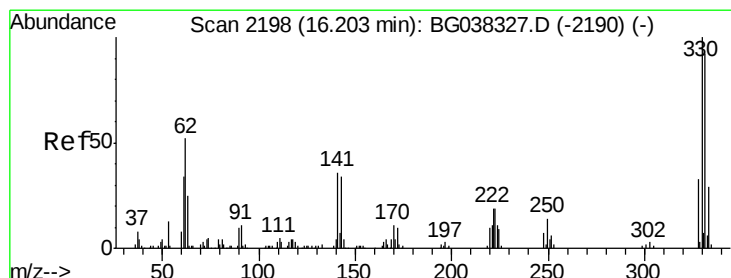
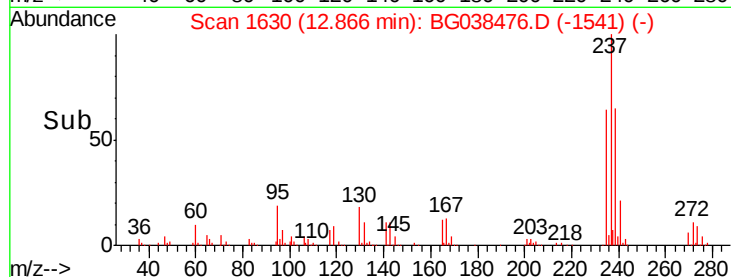
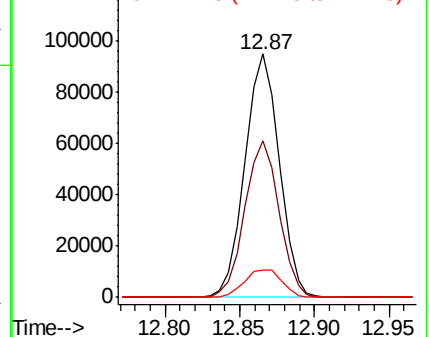
237 100

235 64.1 42.5 82.5

272 11.2 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.830 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

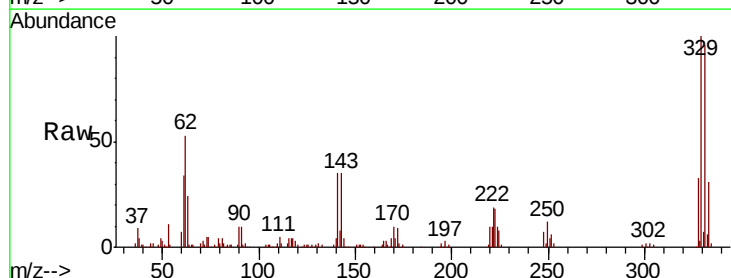
Tgt Ion: 330 Resp: 141829

Ion Ratio Lower Upper

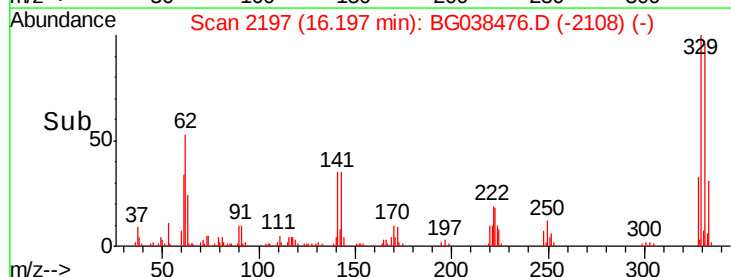
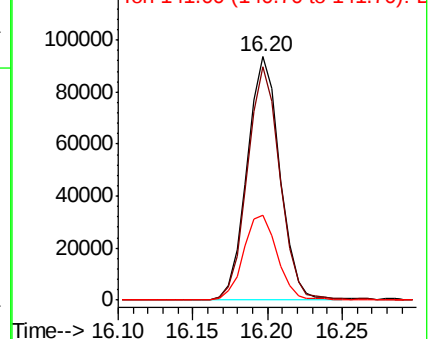
330 100

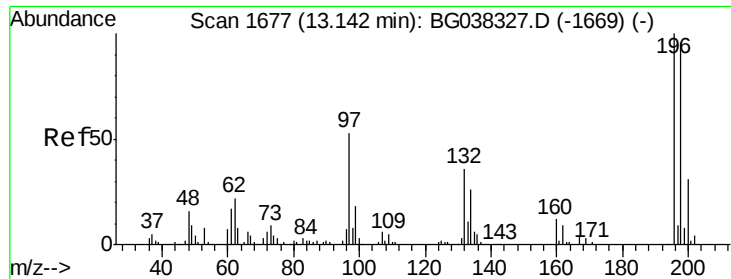
332 95.3 78.4 117.6

141 36.3 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

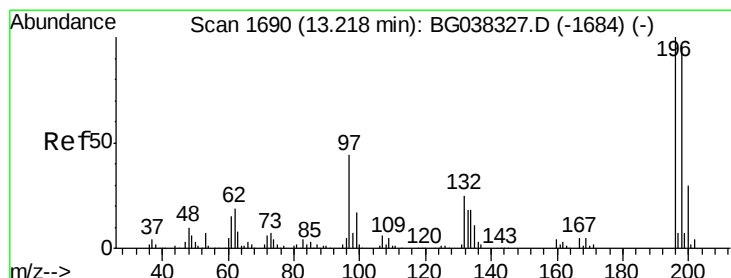
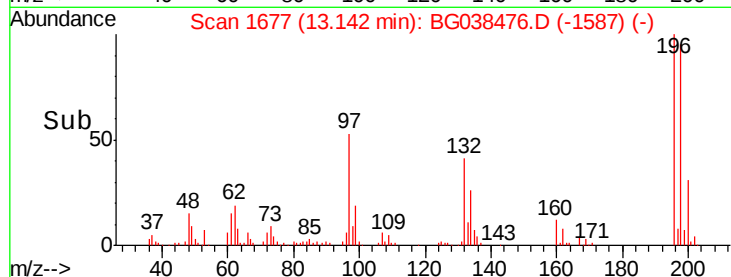
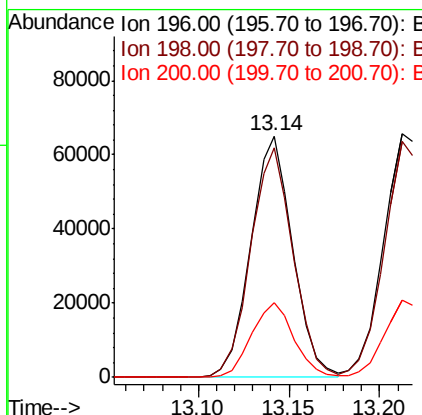
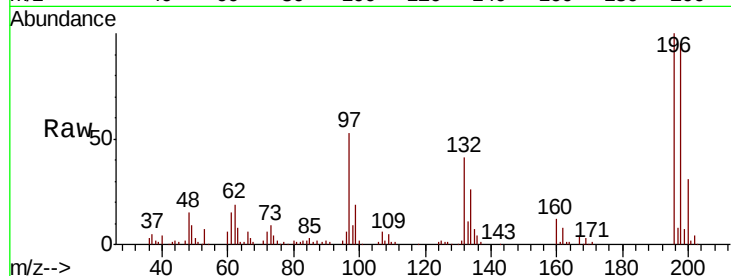




#43
 2,4,6-Trichlorophenol
 Concen: 47.213 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

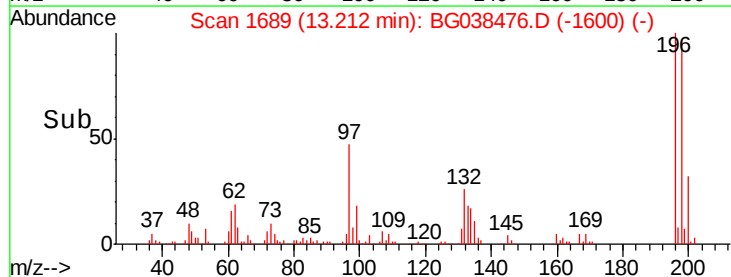
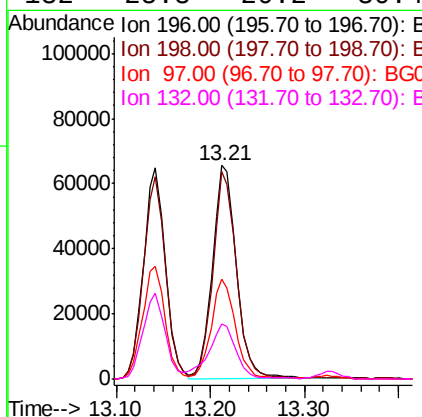
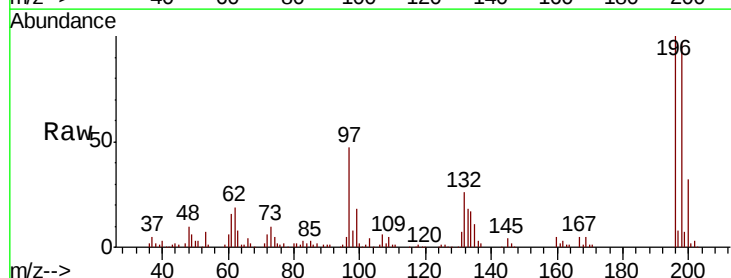
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

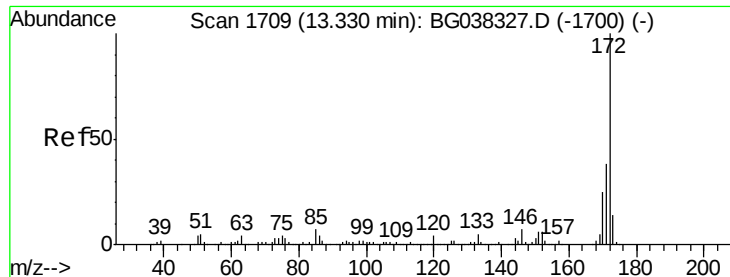
Tgt Ion:196 Resp: 104967
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.857 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:196 Resp: 117428
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.2
 97 47.0 34.1 51.1
 132 25.8 20.2 30.4

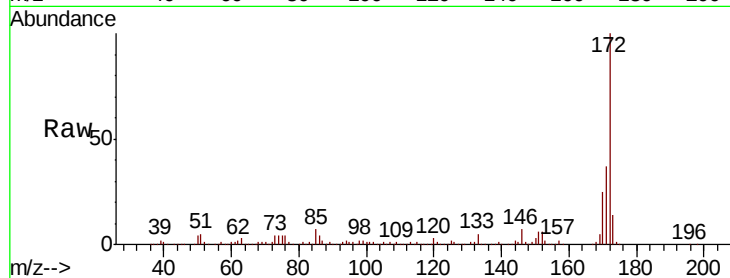




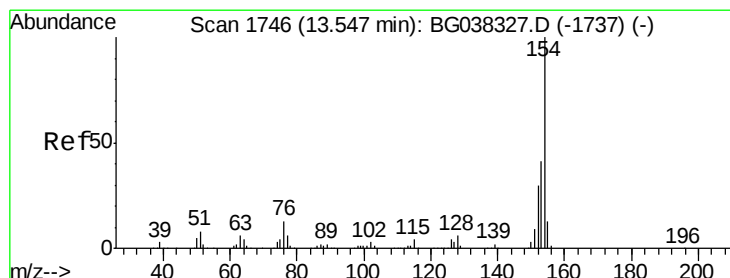
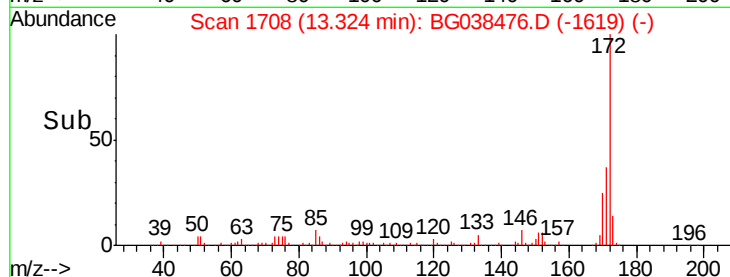
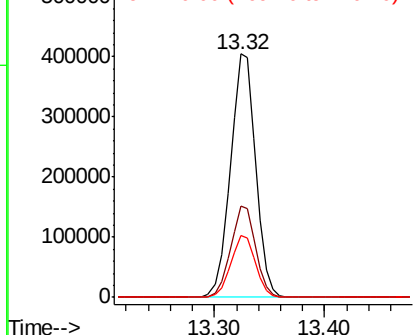
#45
2-Fluorobiphenyl
Concen: 92.173 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:172 Resp: 645200
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 25.3 20.2 30.2

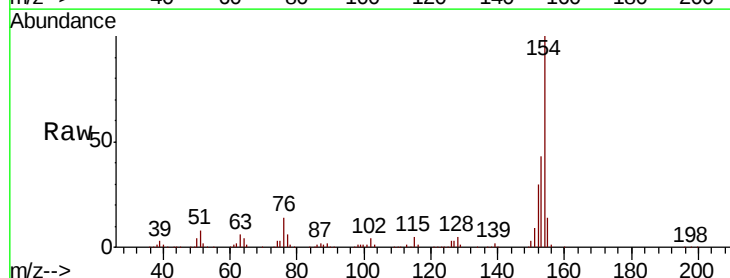


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

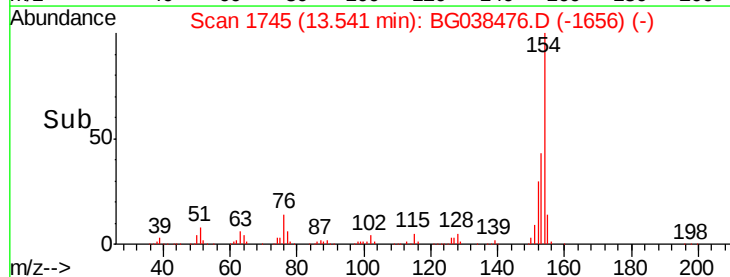
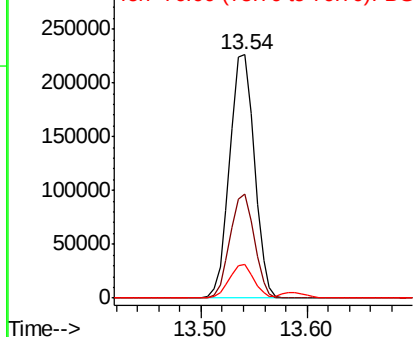


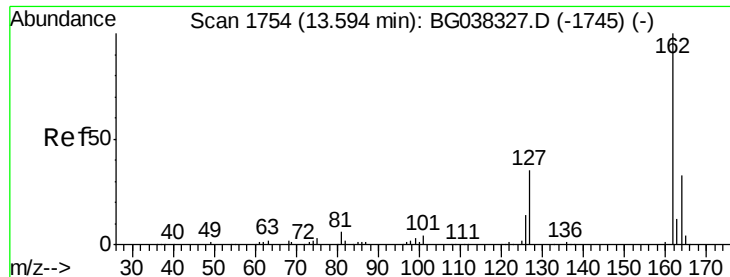
#46
1,1'-Biphenyl
Concen: 43.345 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:154 Resp: 365445
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 13.9 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

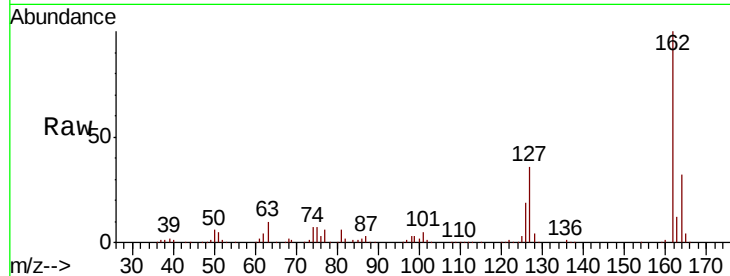




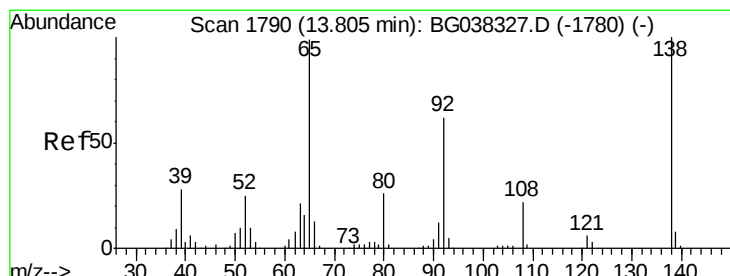
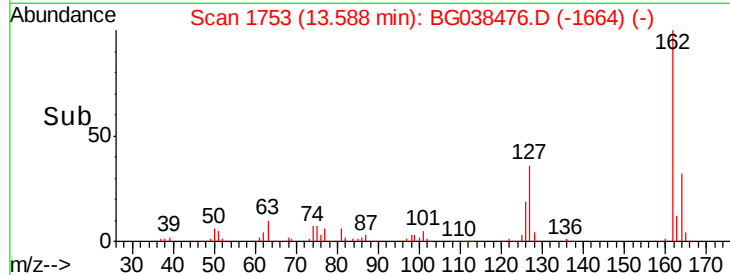
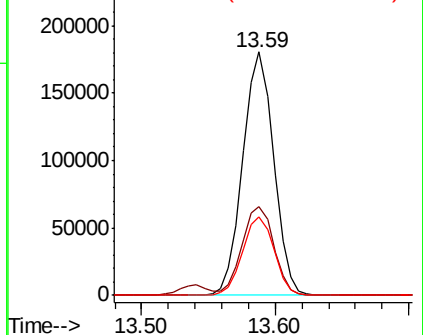
#47
 2-Chloronaphthalene
 Concen: 45.446 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.5	45.7
164	32.4	26.4	39.6

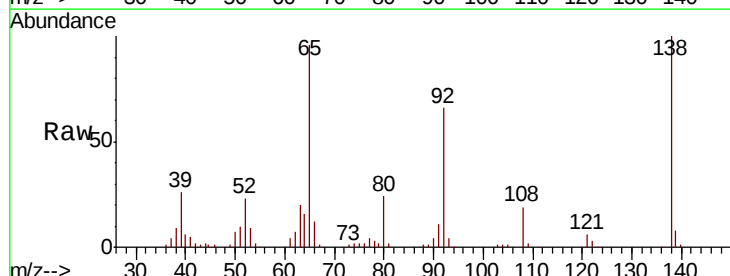


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

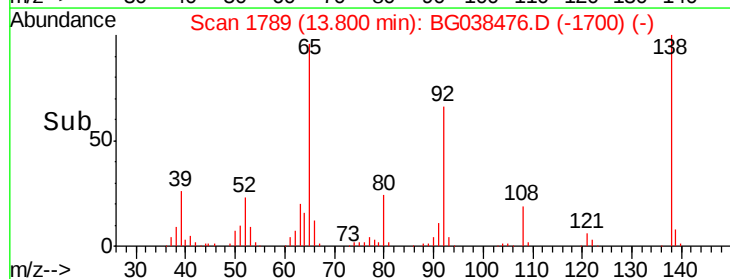
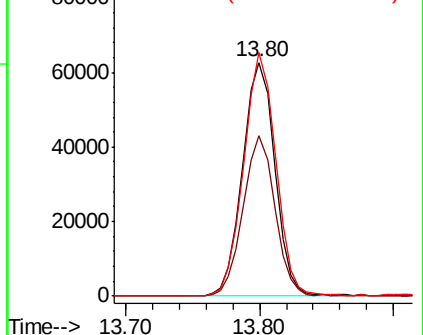


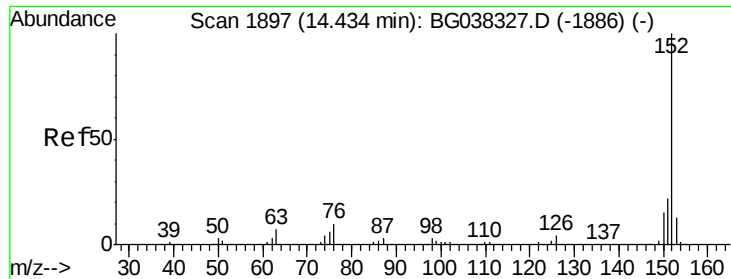
#48
 2-Nitroaniline
 Concen: 49.079 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.2	79.8
138	104.2	79.3	118.9



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





#49

Acenaphthylene

Concen: 50.036 ng

RT: 14.43 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

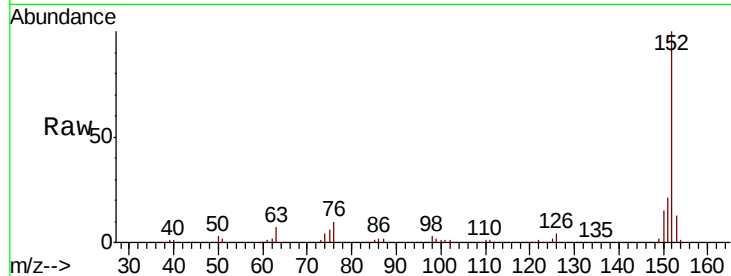
Tgt Ion:152 Resp: 479430

Ion Ratio Lower Upper

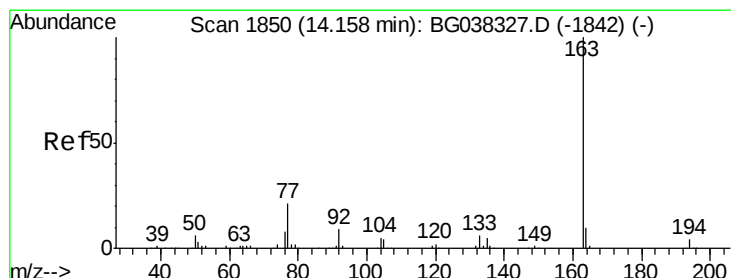
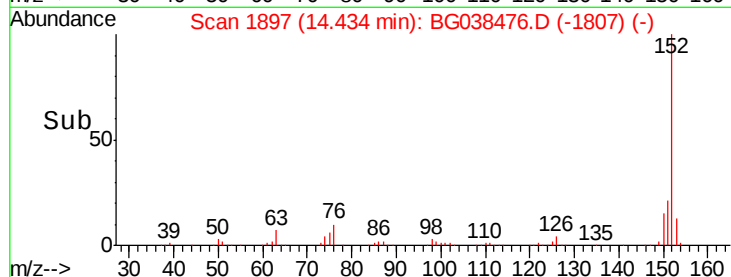
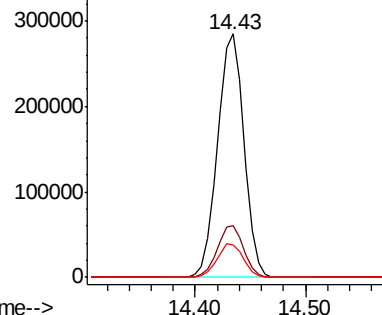
152 100

151 21.1 17.1 25.7

153 13.5 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: 49.464 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

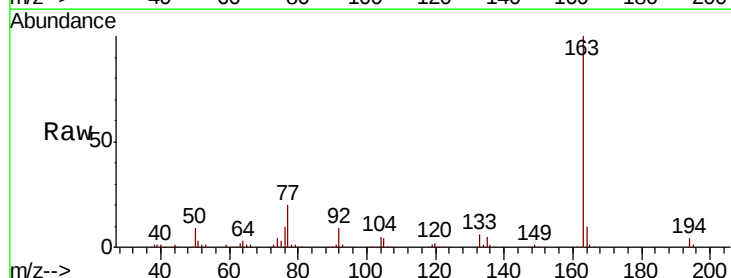
Tgt Ion:163 Resp: 395720

Ion Ratio Lower Upper

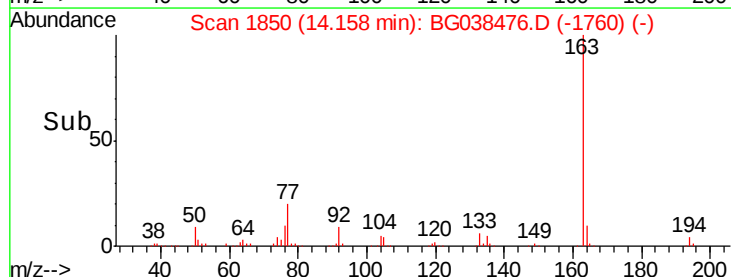
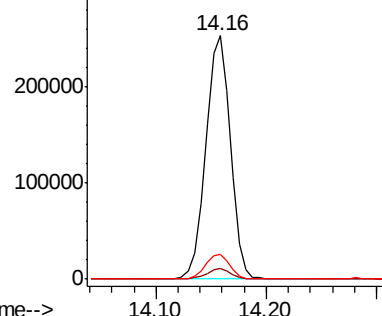
163 100

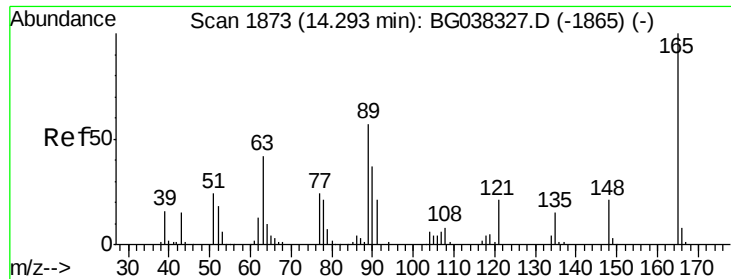
194 4.3 3.5 5.3

164 10.3 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

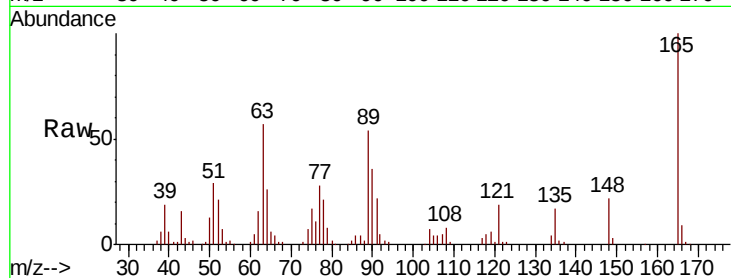




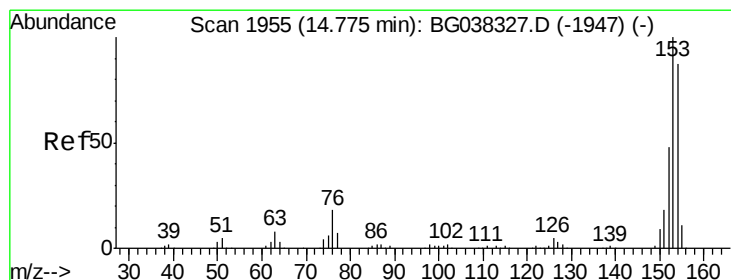
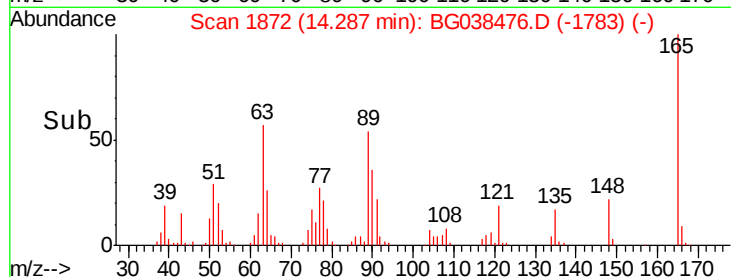
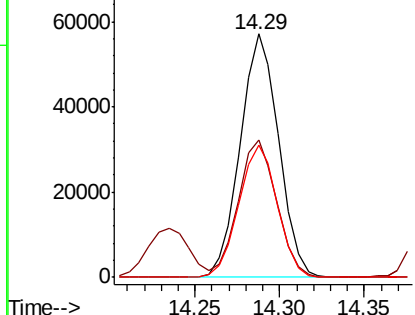
#51
 2,6-Dinitrotoluene
 Concen: 49.327 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion:165 Resp: 90145
 Ion Ratio Lower Upper
 165 100
 63 56.6 43.4 65.2
 89 54.1 45.8 68.6

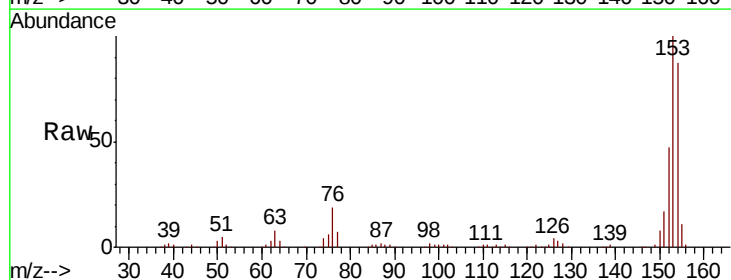


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

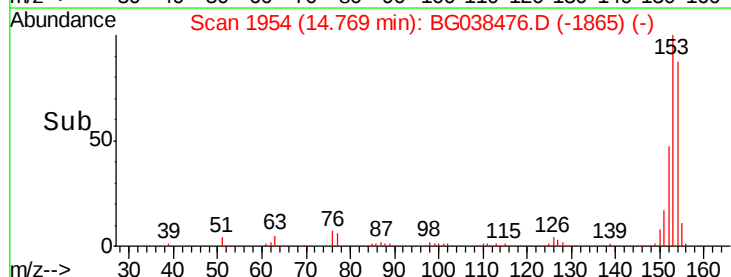
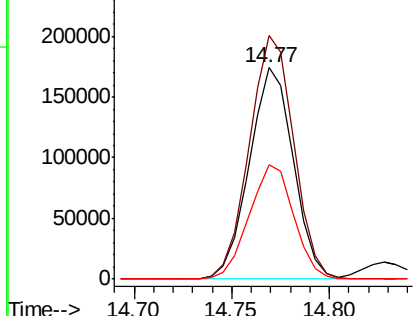


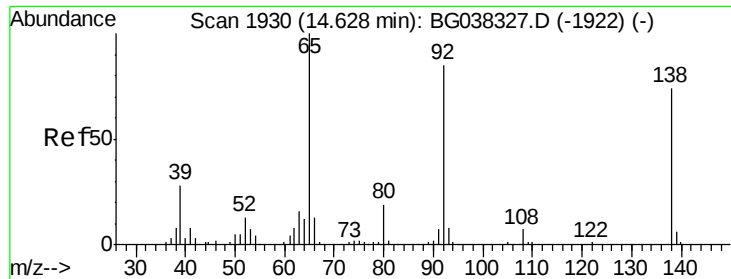
#52
 Acenaphthene
 Concen: 46.498 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:154 Resp: 271609
 Ion Ratio Lower Upper
 154 100
 153 115.2 93.4 140.0
 152 54.2 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: 10.228 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

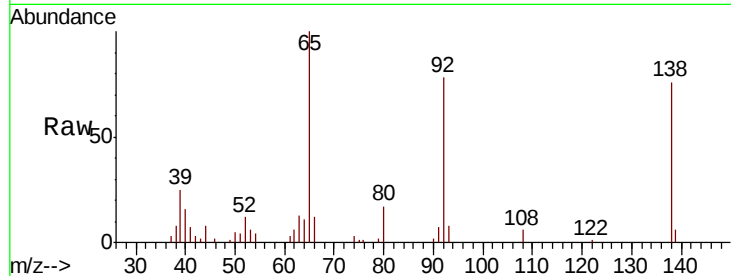
Tgt Ion:138 Resp: 20131

Ion Ratio Lower Upper

138 100

108 8.3 11.0 16.6#

92 102.9 95.2 142.8

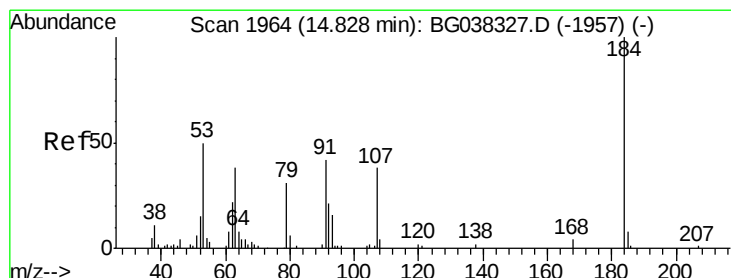
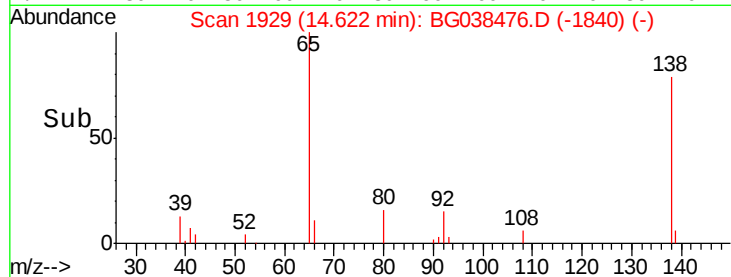
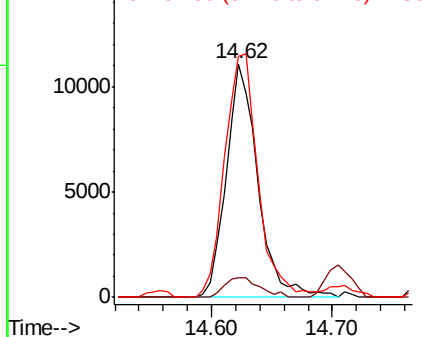


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 42.501 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

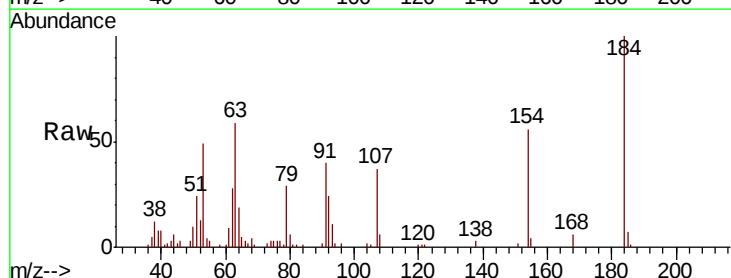
Tgt Ion:184 Resp: 42577

Ion Ratio Lower Upper

184 100

63 59.2 42.6 63.8

154 56.4 41.8 62.6

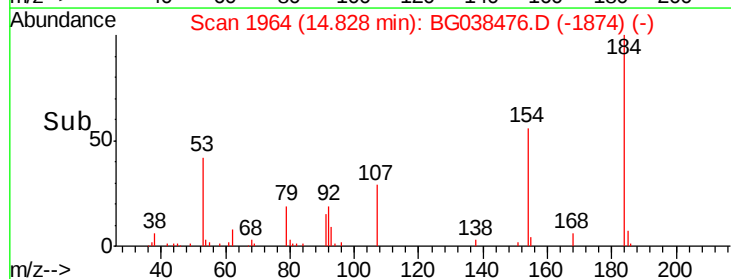
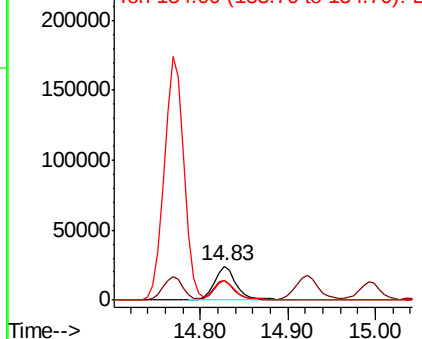


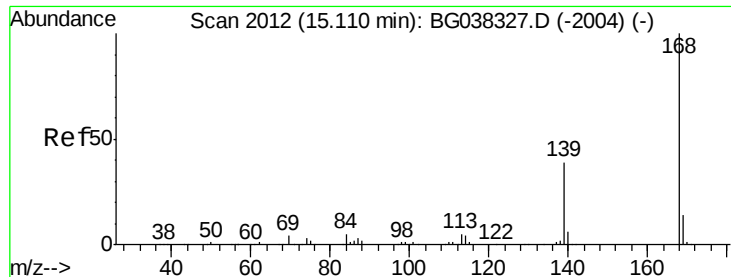
Abundance

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

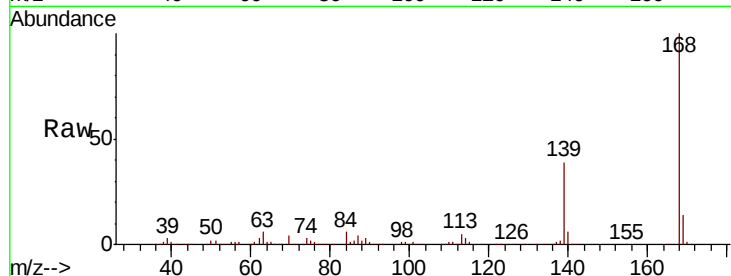




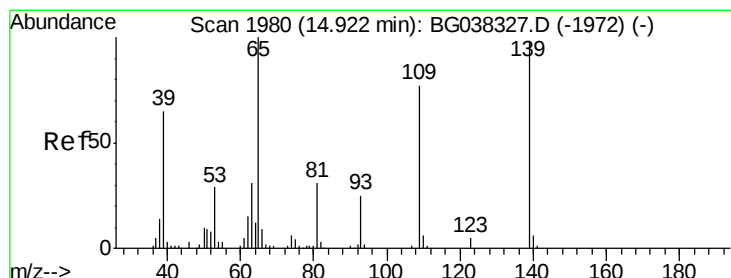
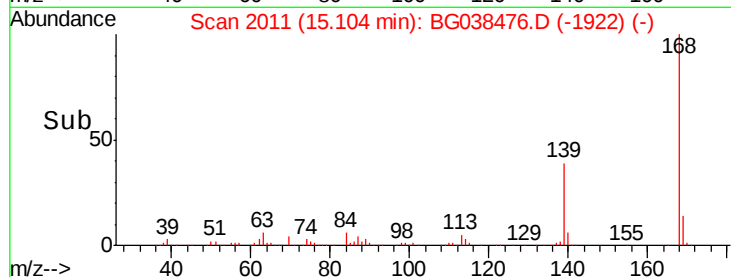
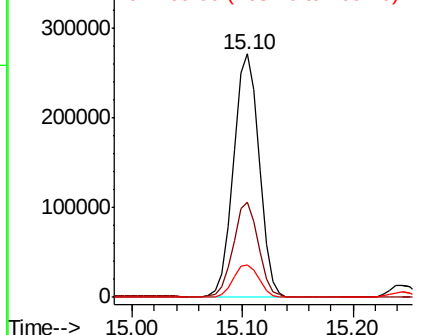
#55
Dibenzenofuran
Concen: 45.832 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:168 Resp: 442598
Ion Ratio Lower Upper
168 100
139 39.3 29.4 44.0
169 13.5 11.0 16.6

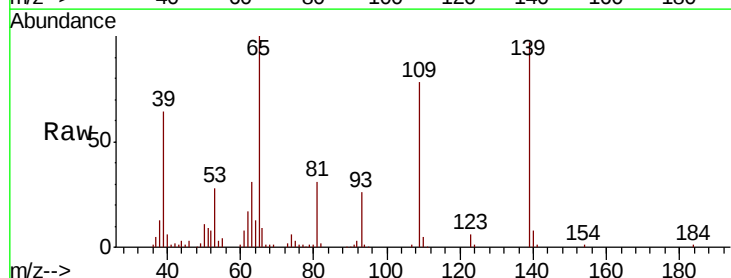


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

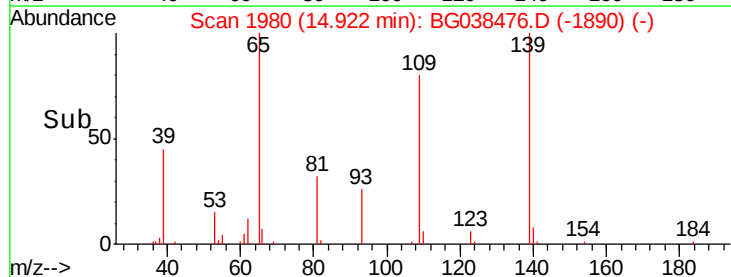
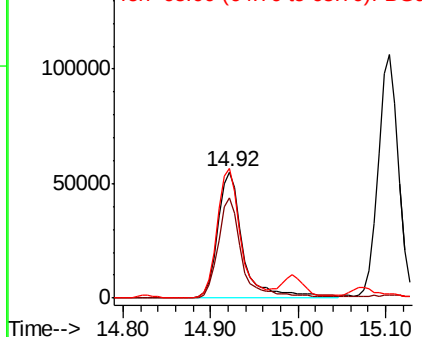


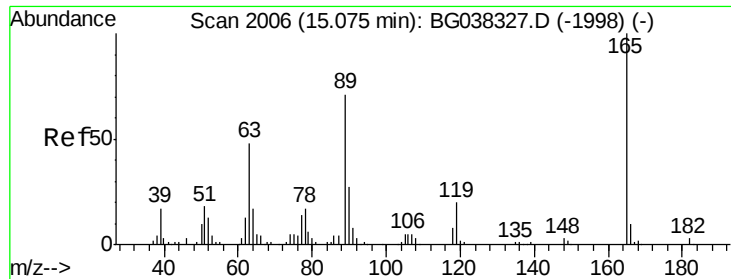
#56
4-Nitrophenol
Concen: 71.144 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:139 Resp: 110611
Ion Ratio Lower Upper
139 100
109 79.9 49.5 89.5
65 102.7 76.8 116.8



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

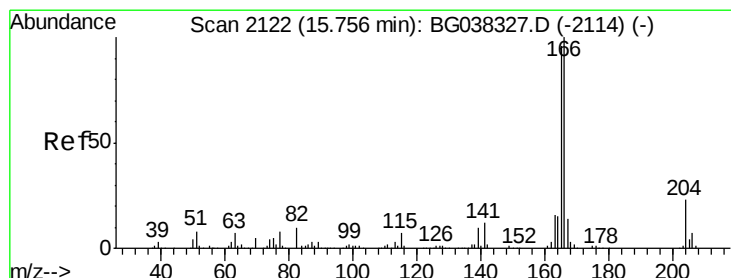
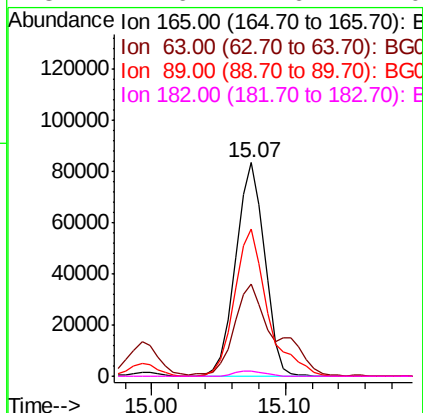
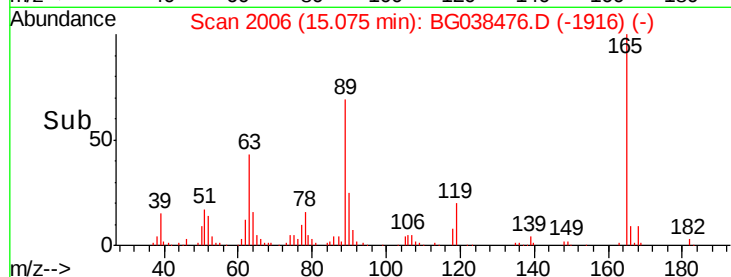
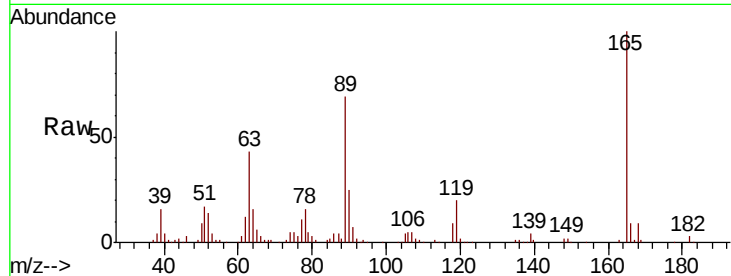




#57
2,4-Dinitrotoluene
Concen: 49.808 ng
RT: 15.07 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

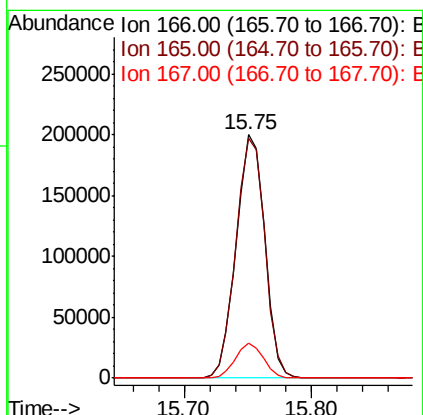
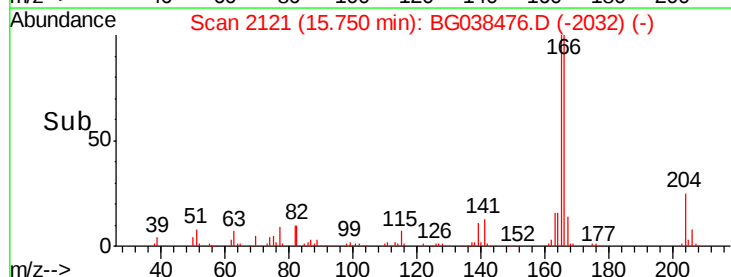
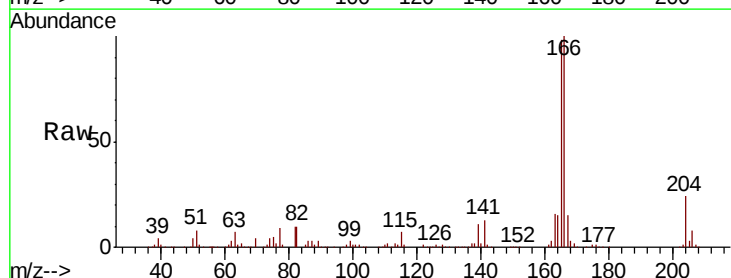
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

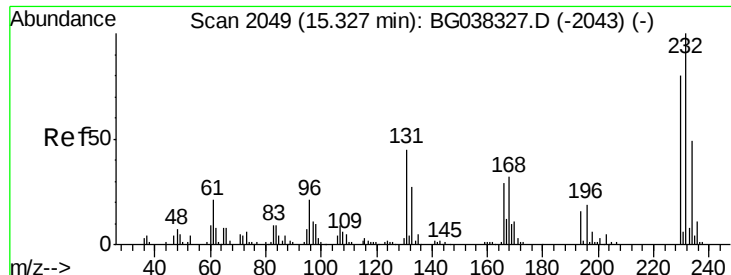
Tgt Ion:	165	Resp:	125541
Ion	Ratio	Lower	Upper
165	100		
63	43.1	33.4	50.0
89	68.7	57.2	85.8
182	2.6	2.6	4.0#



#58
Fluorene
Concen: 43.835 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:	166	Resp:	311866
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	14.6	11.3	16.9

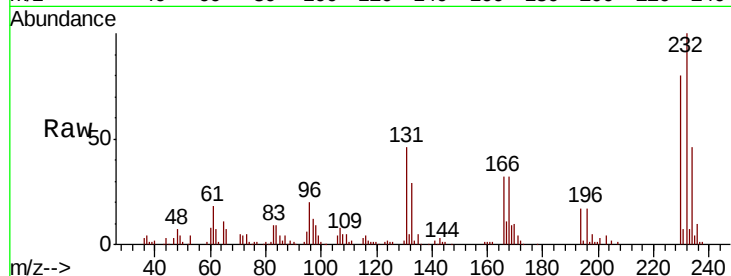




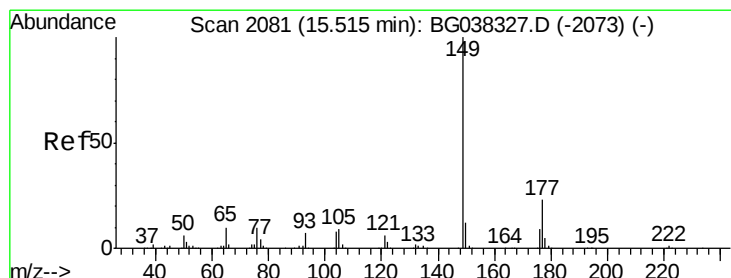
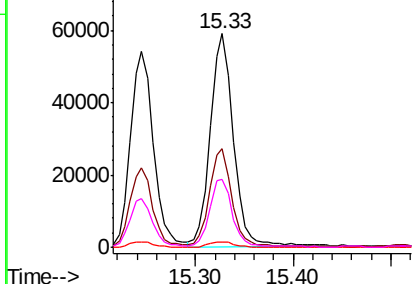
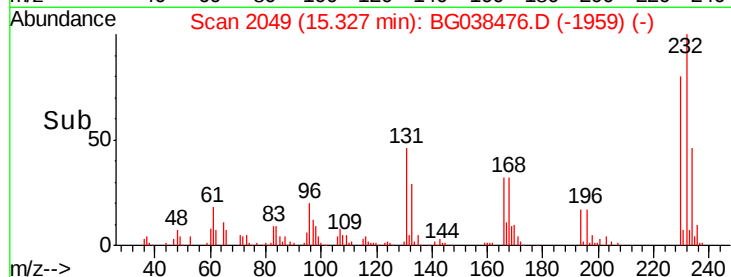
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.198 ng
RT: 15.33 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion:	232	Resp:	96550
Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.6	2.1	3.1
166	30.6	24.6	36.8

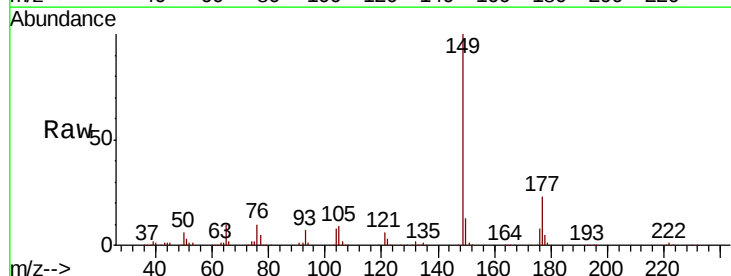


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

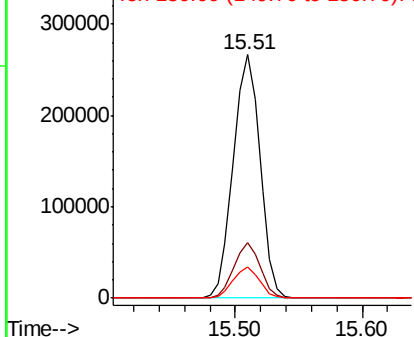
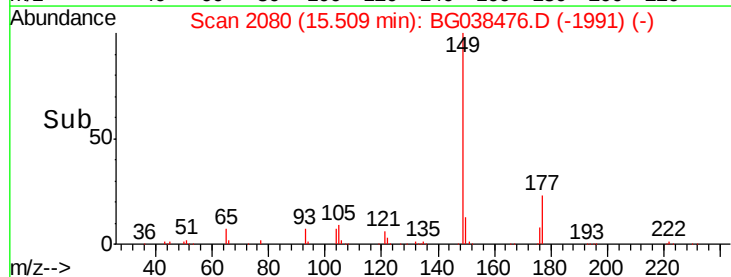


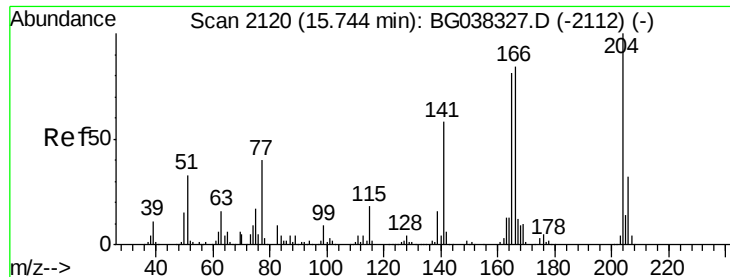
#60
Diethylphthalate
Concen: 43.923 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:	149	Resp:	389296
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.7	10.0	15.0



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

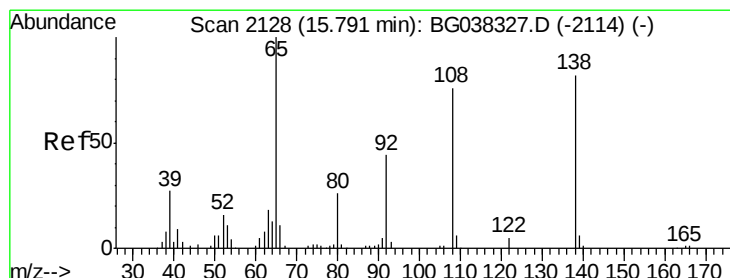
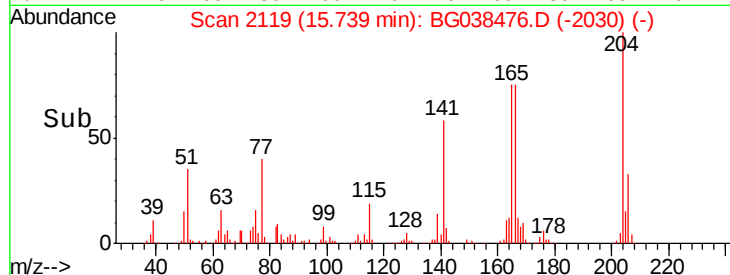
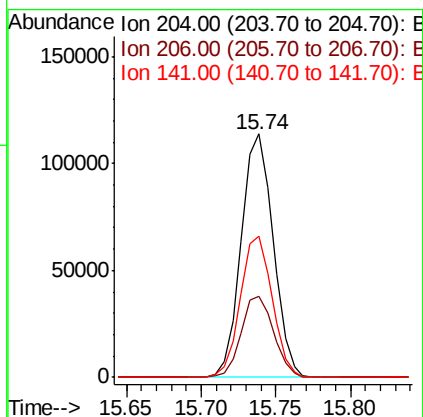
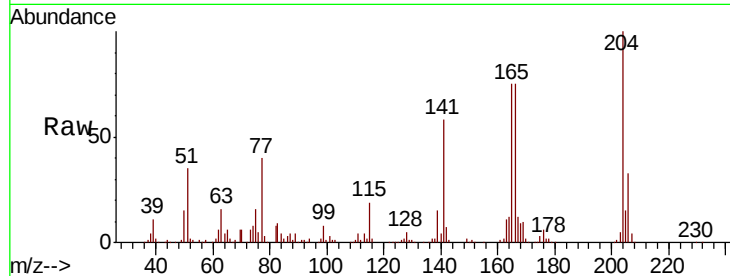




#61
4-Chlorophenyl-phenylether
Concen: 39.550 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

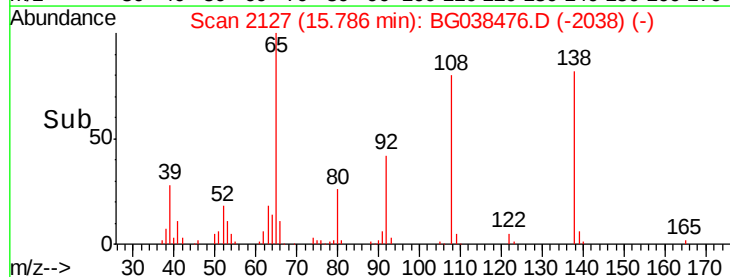
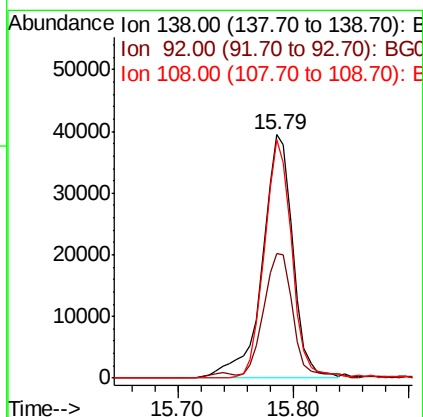
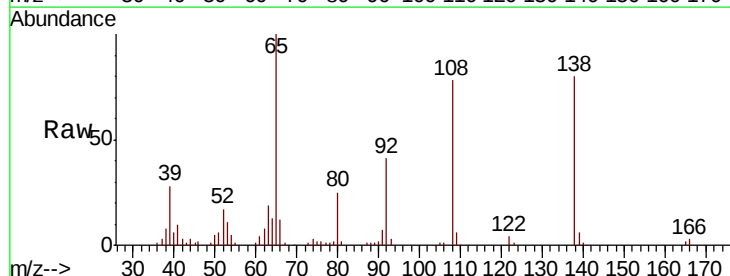
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

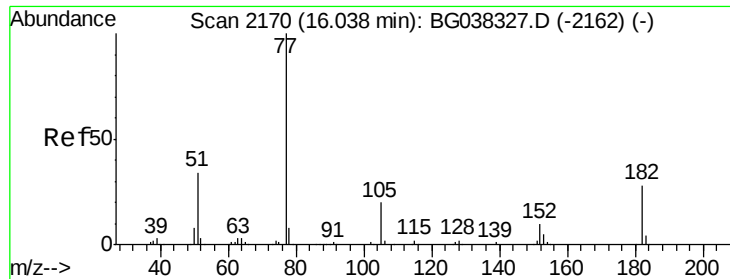
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	58.1	45.4	68.2



#62
4-Nitroaniline
Concen: 37.518 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	36.4	76.4
108	98.2	60.1	100.1





#63

Azobenzene

Concen: 31.627 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tgt Ion: 77 Resp: 245324

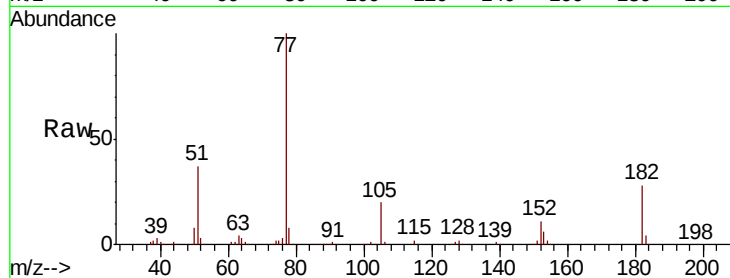
Ion Ratio Lower Upper

77 100

182 28.1 8.0 48.0

105 19.7 1.3 41.3

51 37.2 10.7 50.7

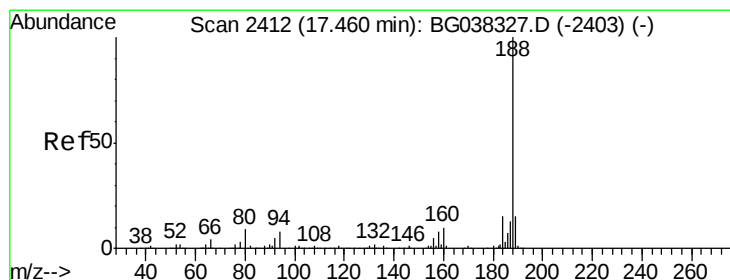
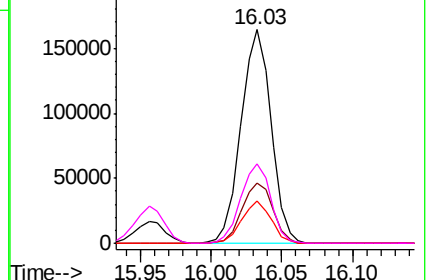
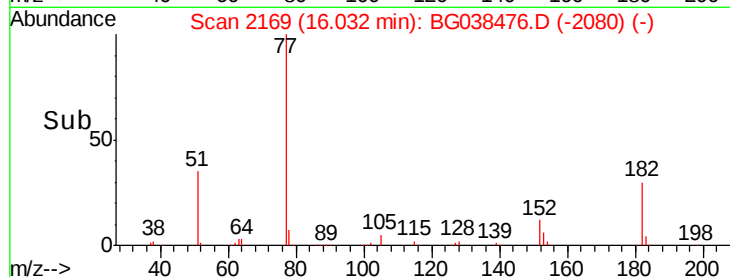


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

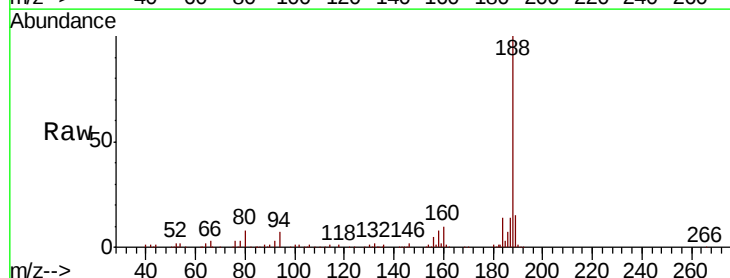
Tgt Ion: 188 Resp: 168761

Ion Ratio Lower Upper

188 100

94 7.0 7.2 10.8#

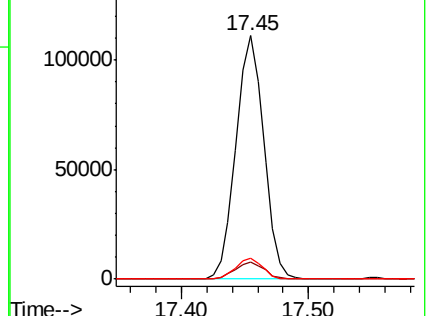
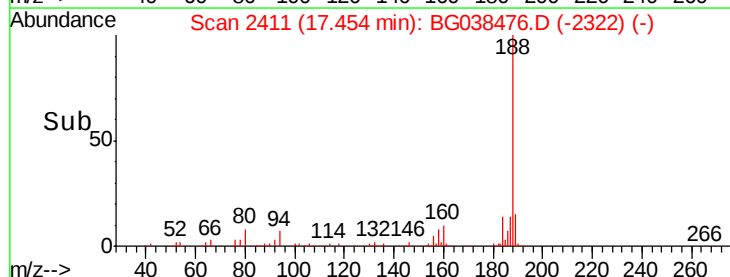
80 8.4 7.7 11.5

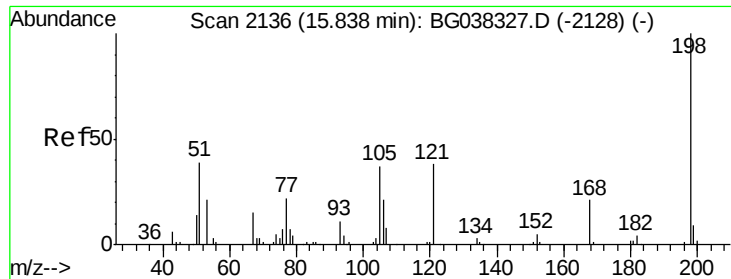


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

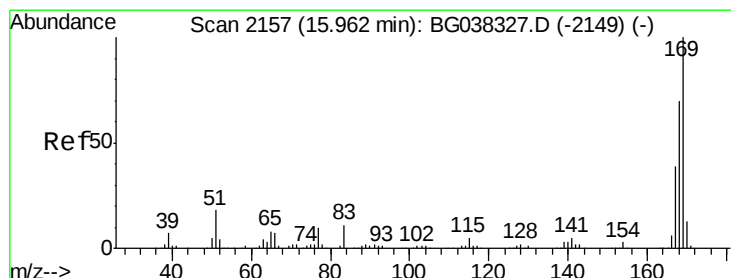
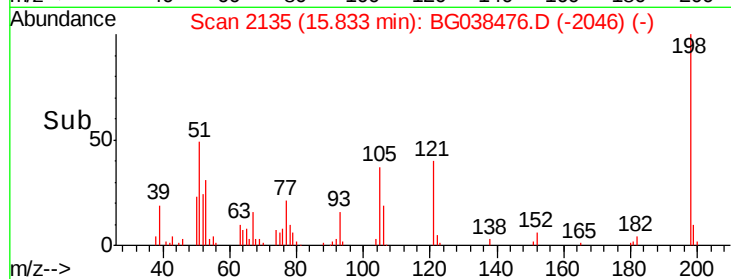
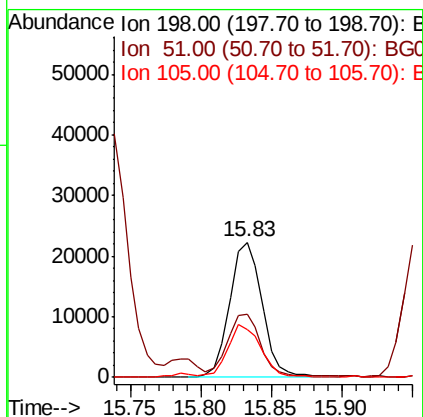
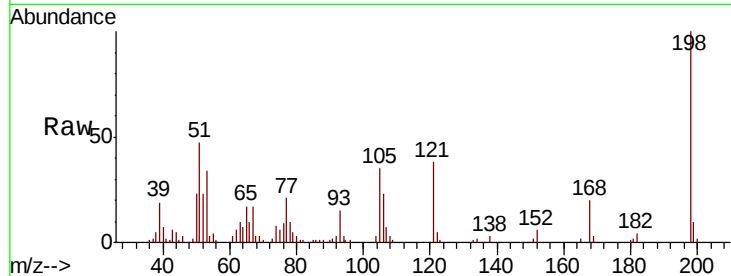




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.572 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

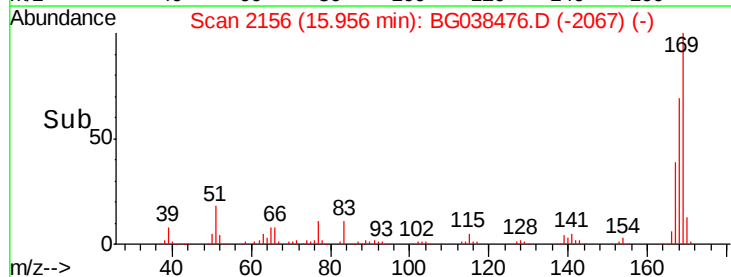
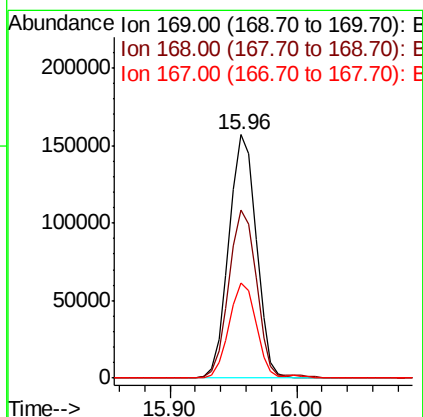
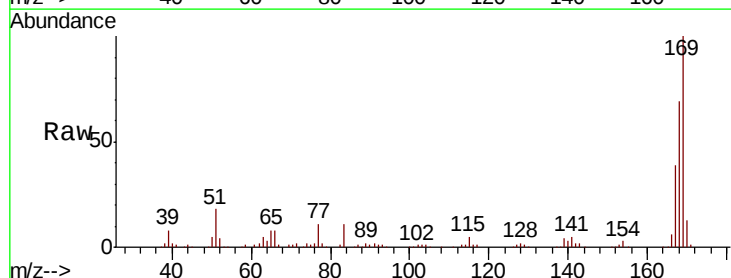
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

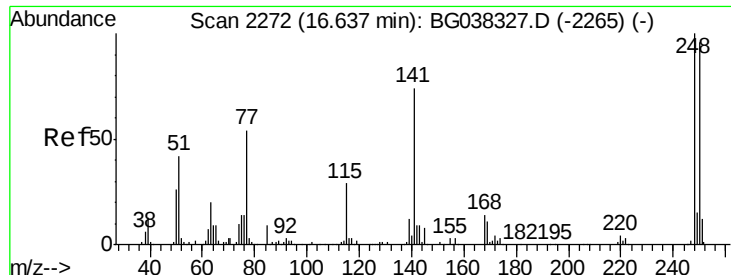
Tgt Ion:198 Resp: 36016
 Ion Ratio Lower Upper
 198 100
 51 47.0 22.7 62.7
 105 35.3 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 49.490 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:169 Resp: 234863
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.7 83.5
 167 39.0 31.3 46.9

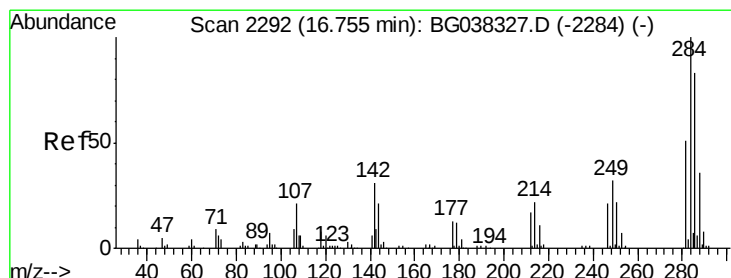
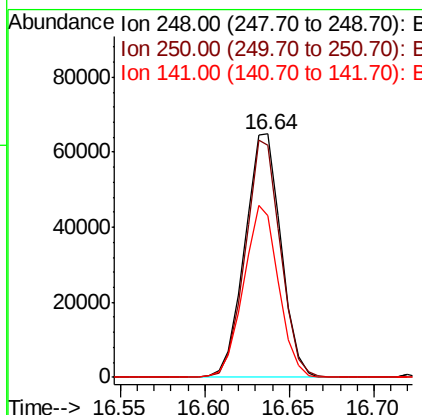
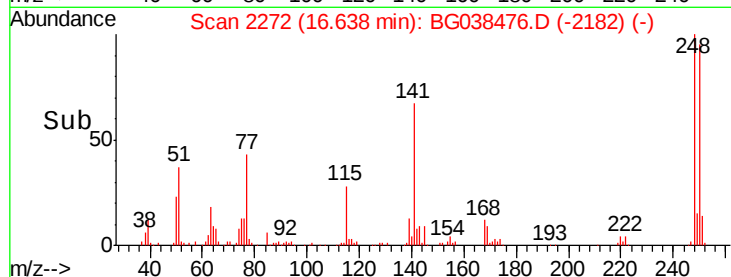
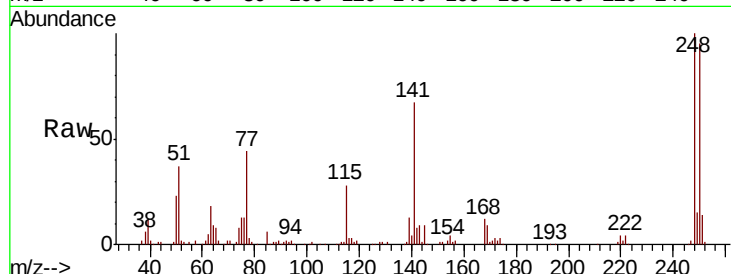




#67
4-Bromophenyl-phenylether
Concen: 52.792 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

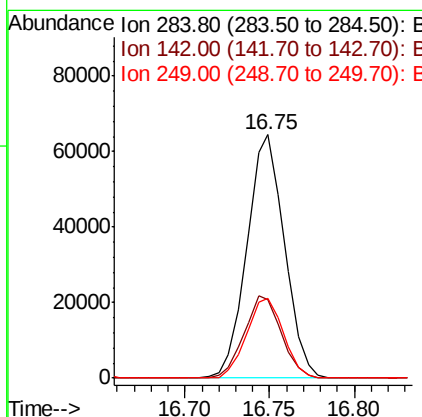
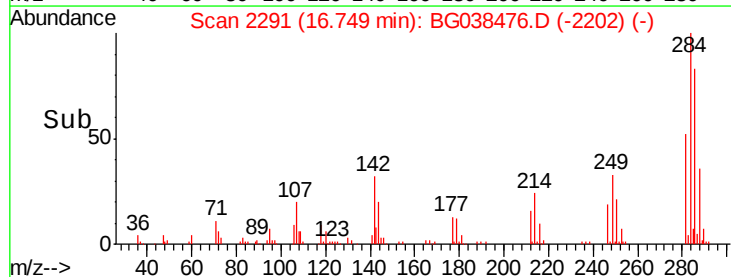
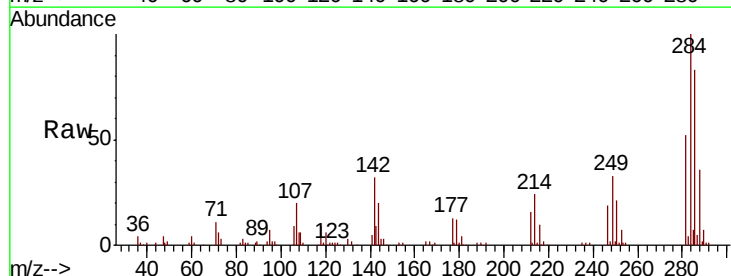
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

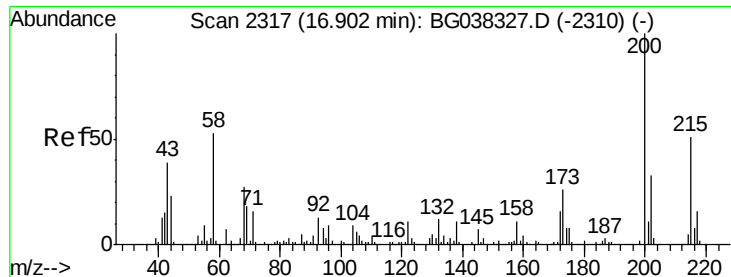
Tgt Ion:248 Resp: 96210
Ion Ratio Lower Upper
248 100
250 95.3 77.0 115.6
141 66.5 55.5 83.3



#68
Hexachlorobenzene
Concen: 52.625 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:284 Resp: 98923
Ion Ratio Lower Upper
284 100
142 32.1 28.1 42.1
249 34.7 29.8 44.8

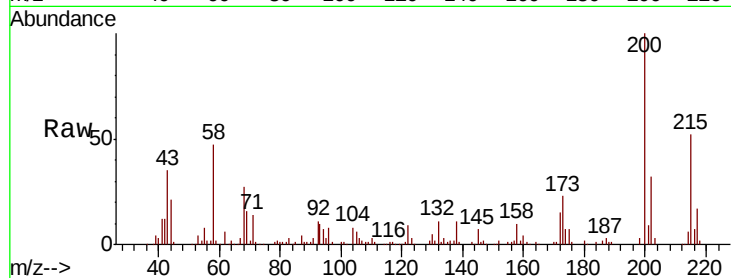




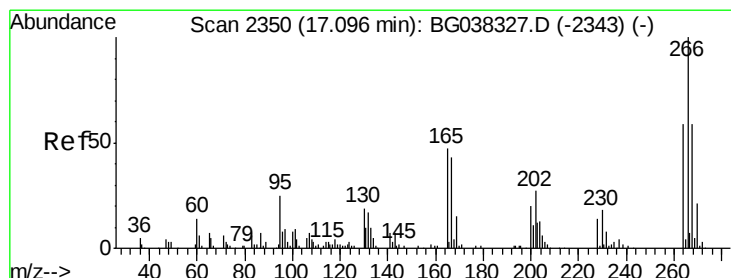
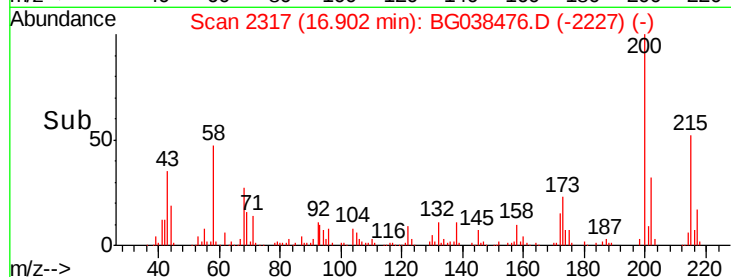
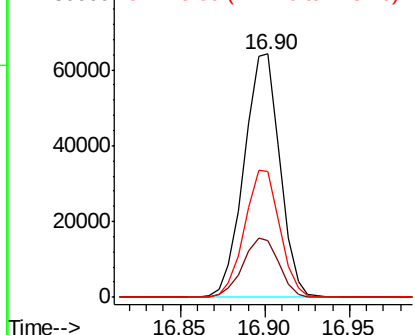
#69
 Atrazine
 Concen: 53.538 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	6.1	46.1
215	51.9	30.8	70.8

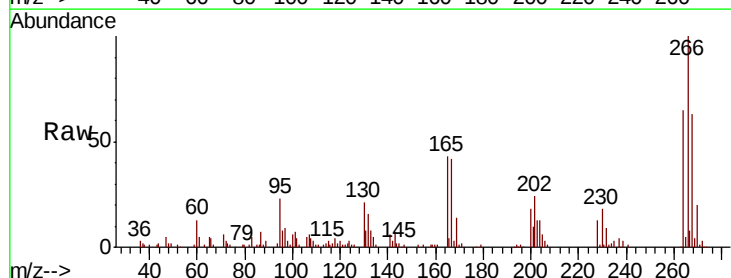


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

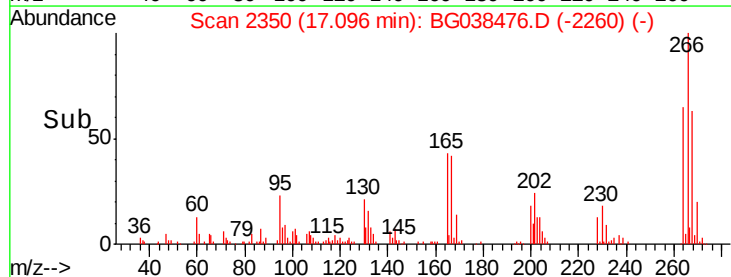
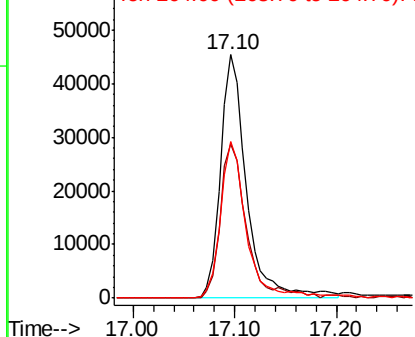


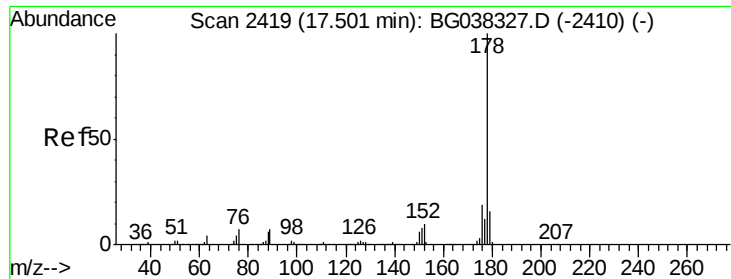
#70
 Pentachlorophenol
 Concen: 63.177 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	55.0	82.6
264	69.2	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

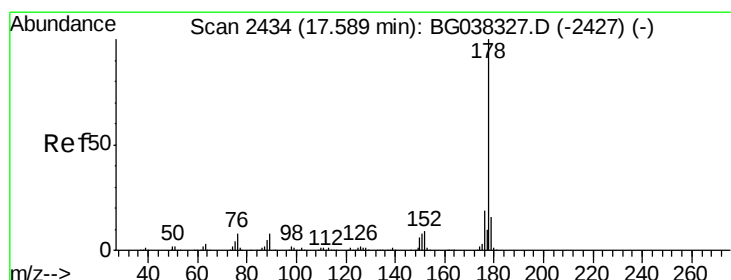
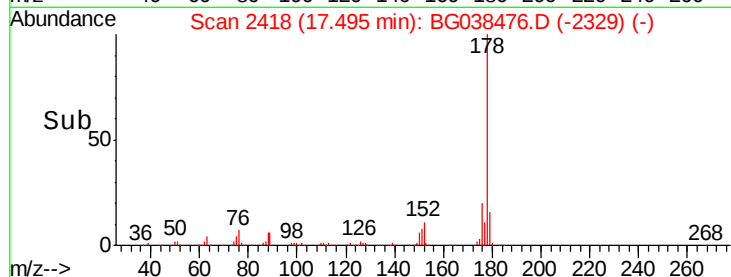
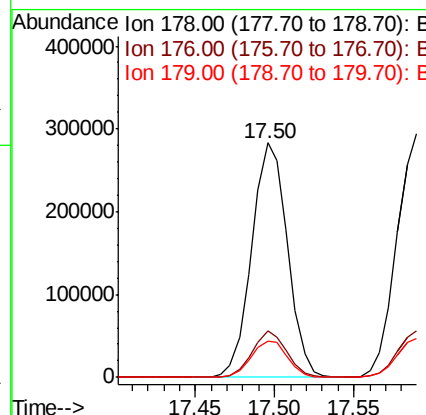
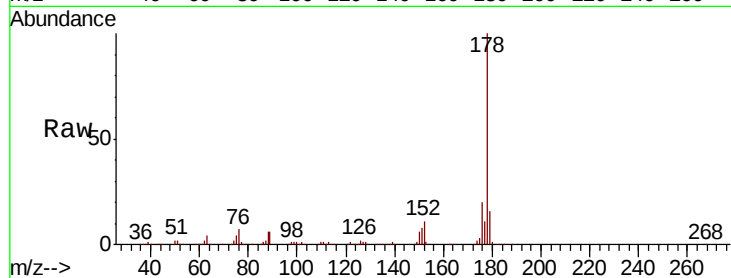




#71
Phenanthrene
Concen: 52.552 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

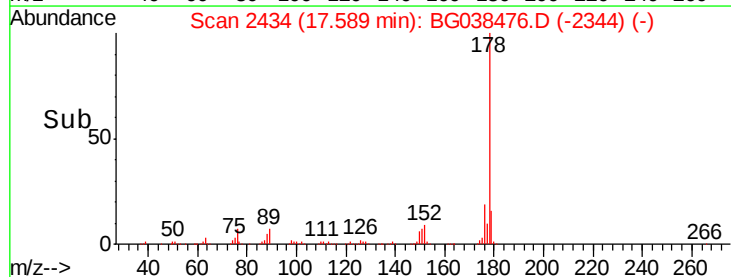
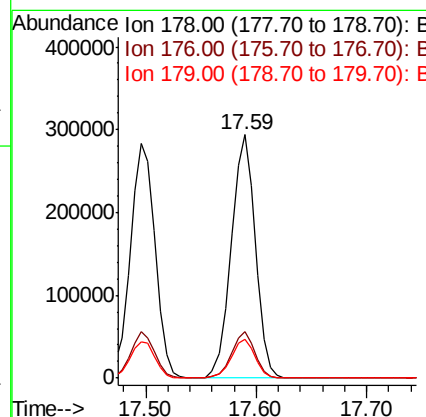
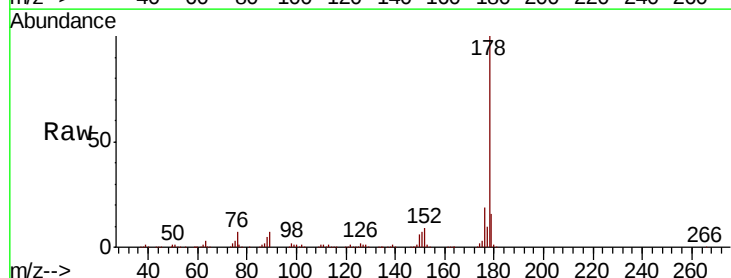
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

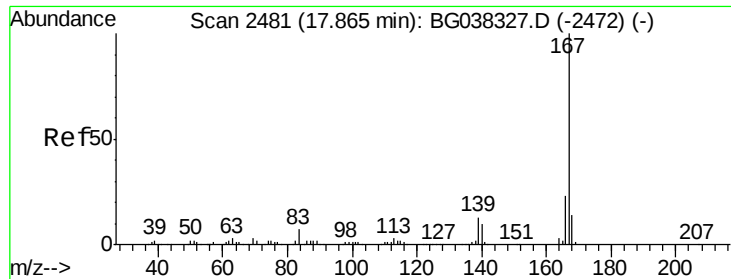
Tgt Ion:178 Resp: 444138
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.6 13.0 19.4



#72
Anthracene
Concen: 54.887 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:178 Resp: 449220
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.7 12.8 19.2

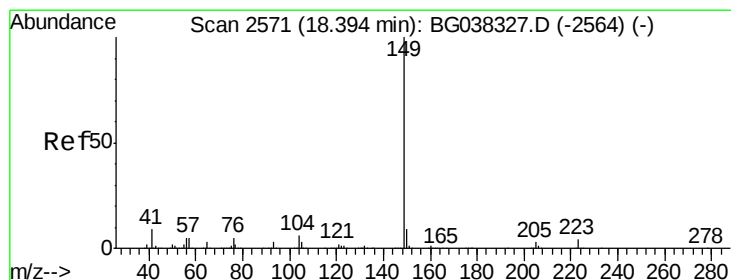
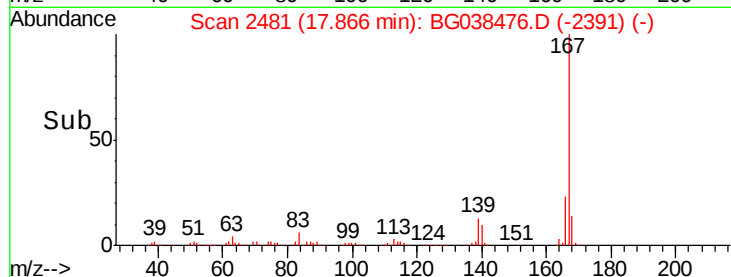
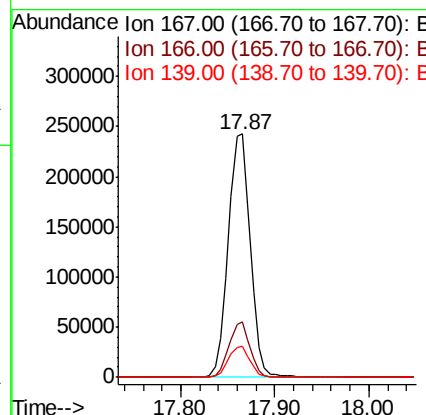
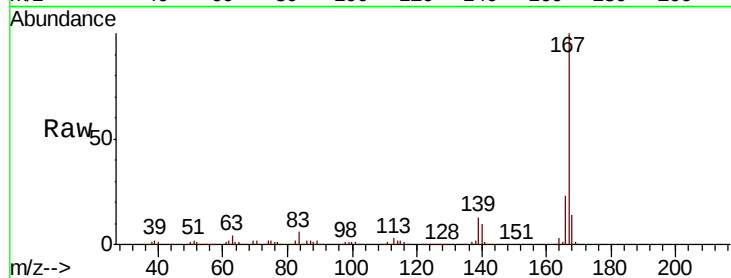




#73
 Carbazole
 Concen: 48.812 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

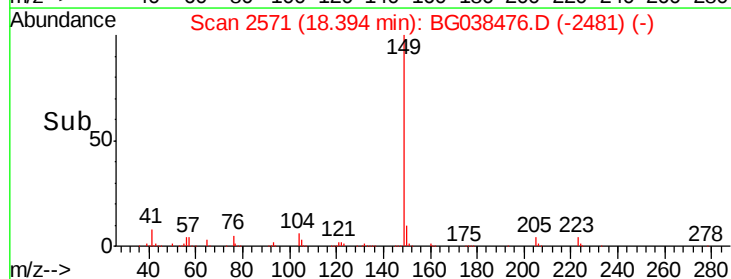
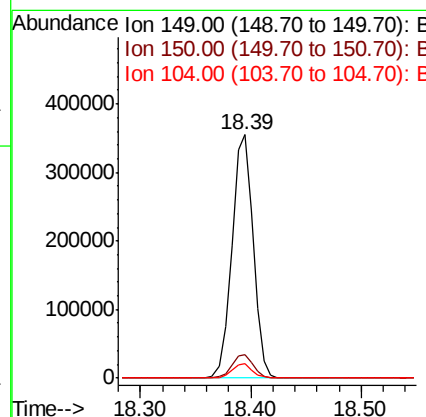
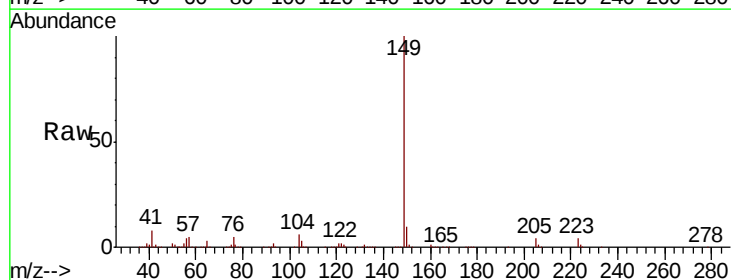
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

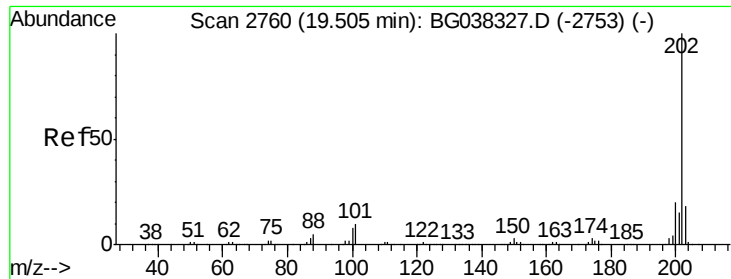
Tgt Ion	Resp	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 50.460 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Resp	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.8	4.0	6.0

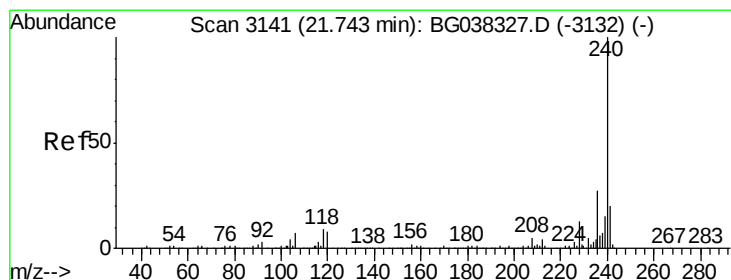
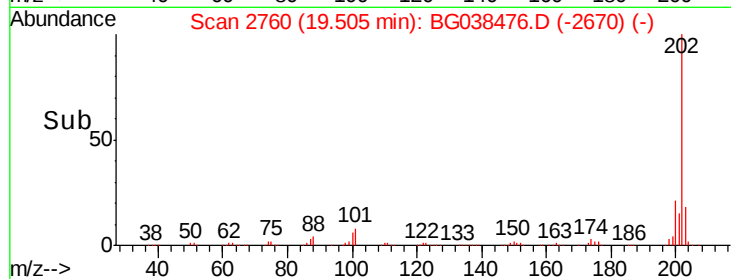
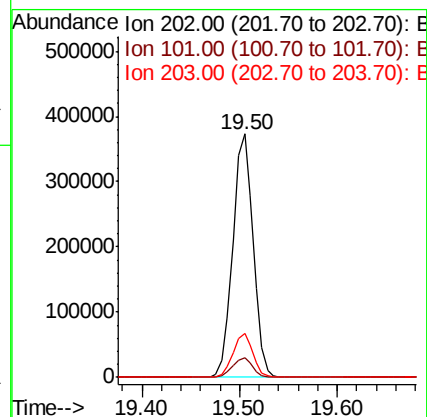
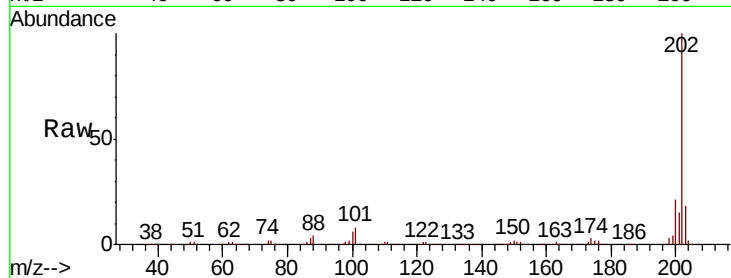




#75
 Fluoranthene
 Concen: 54.364 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

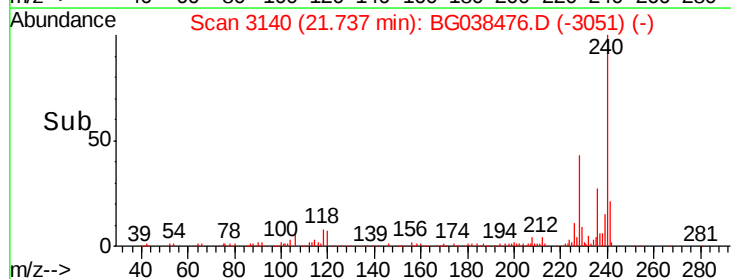
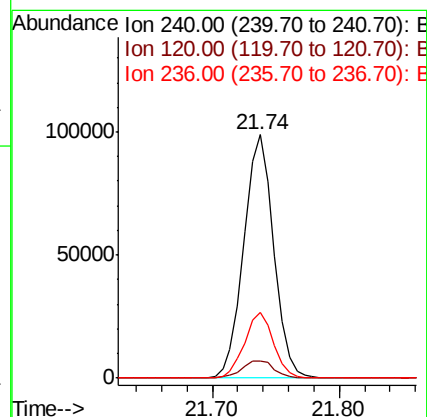
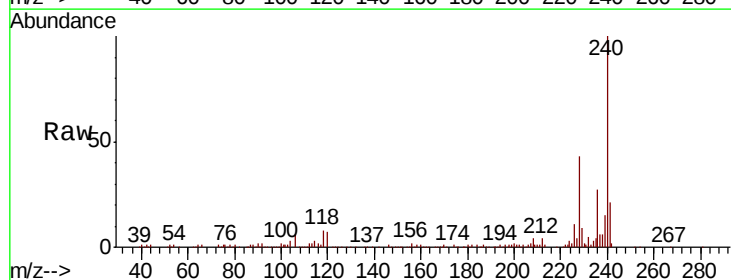
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

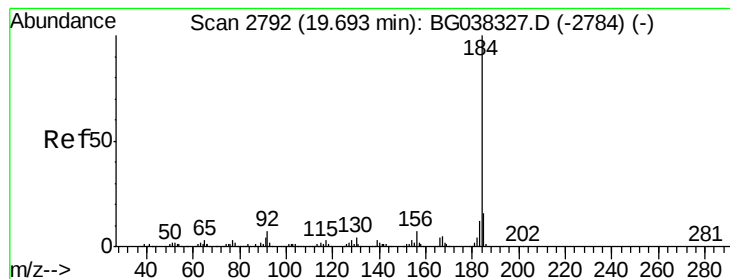
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.7
203	17.9	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.1	12.1#
236	26.9	21.4	32.0





#77

Benzidine

Concen: 23.168 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

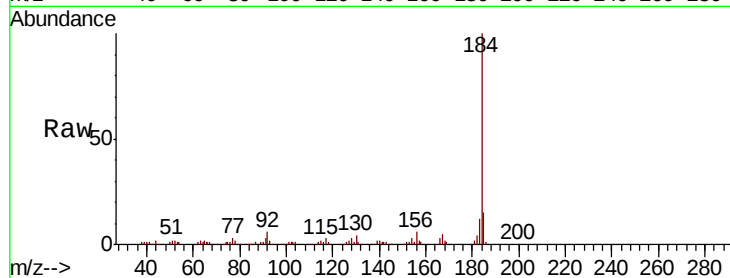
Tgt Ion:184 Resp: 126361

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

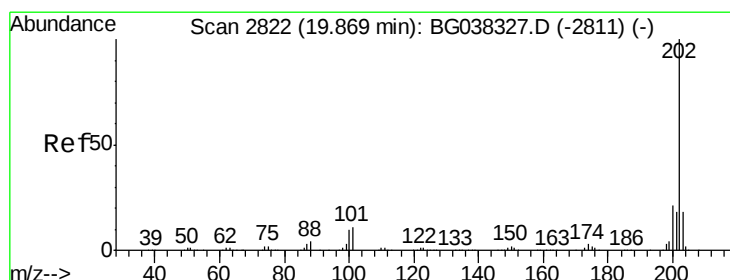
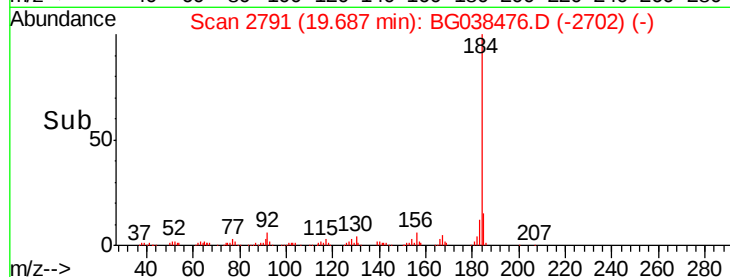
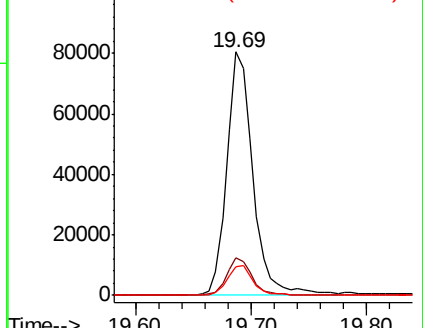
183 12.0 10.2 15.2



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: 47.304 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

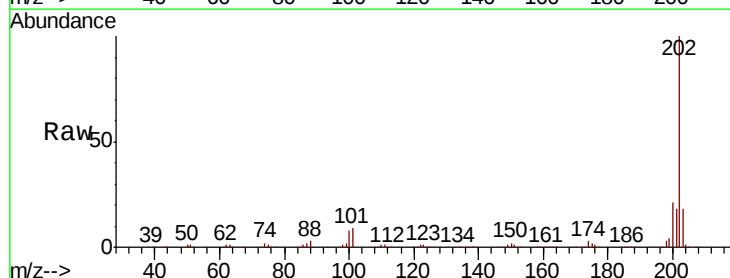
Tgt Ion:202 Resp: 534958

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

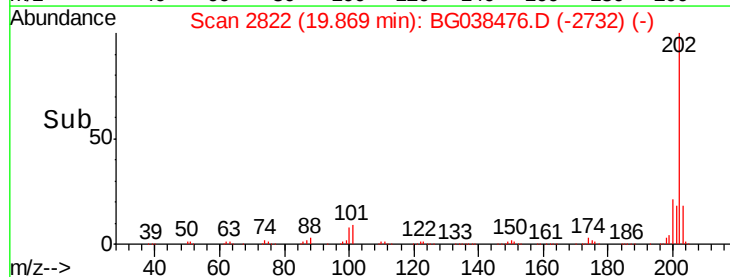
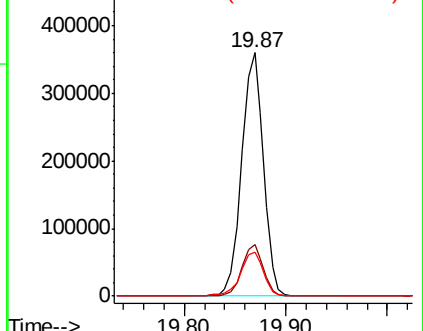
203 18.2 15.2 22.8

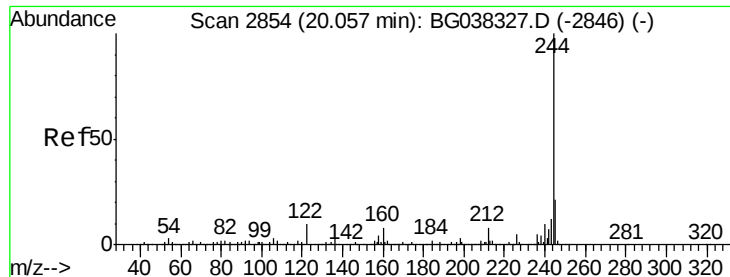


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.999 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

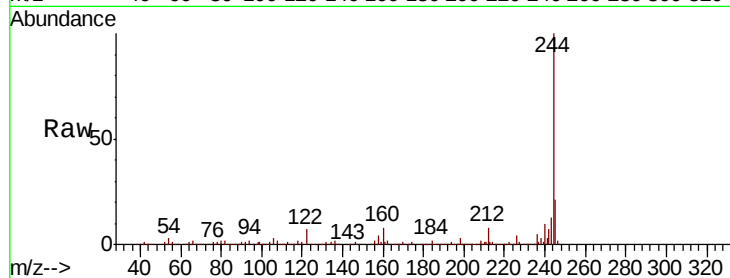
Tgt Ion:244 Resp: 799746

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

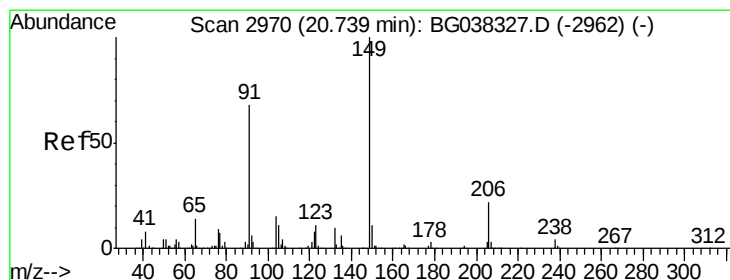
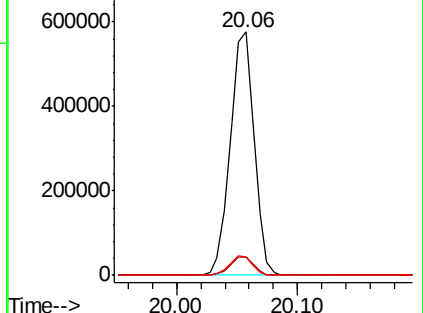
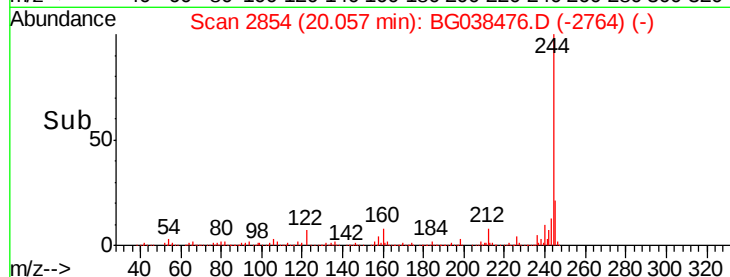
122 7.3 9.0 13.4#



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: 46.427 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

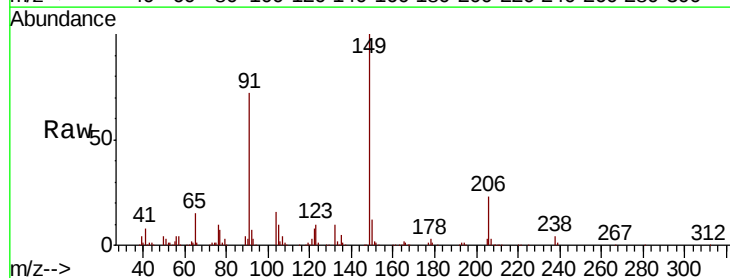
Tgt Ion:149 Resp: 211171

Ion Ratio Lower Upper

149 100

91 71.8 57.0 85.4

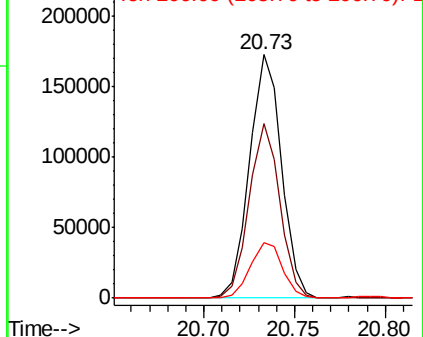
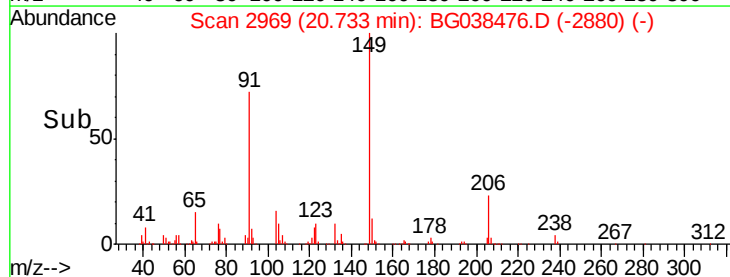
206 22.8 17.8 26.6

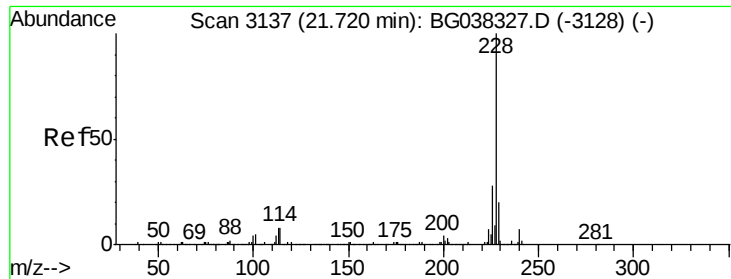


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.126 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

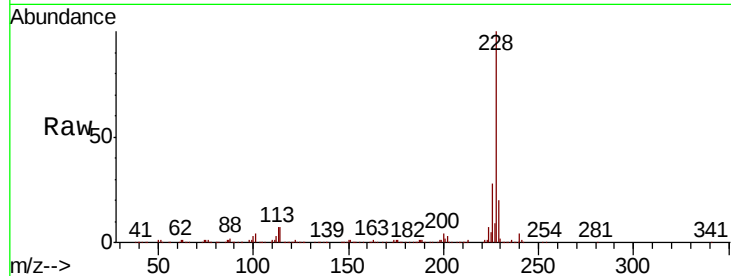
Tgt Ion:228 Resp: 507886

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

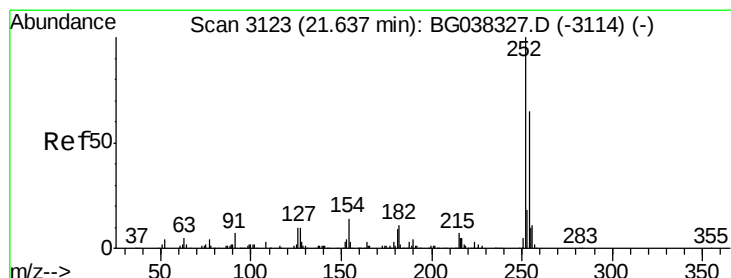
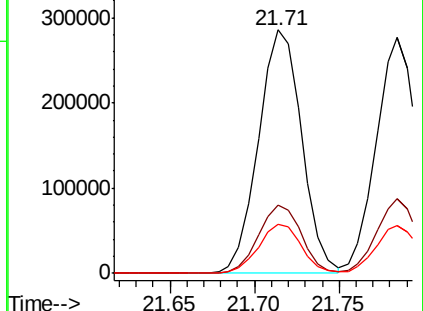
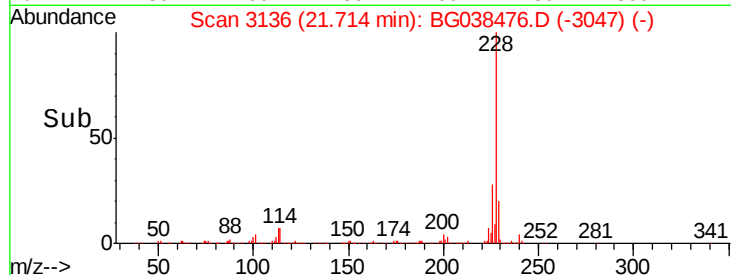
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.657 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

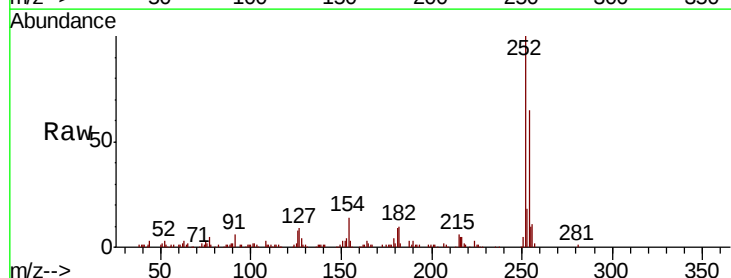
Tgt Ion:252 Resp: 83690

Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

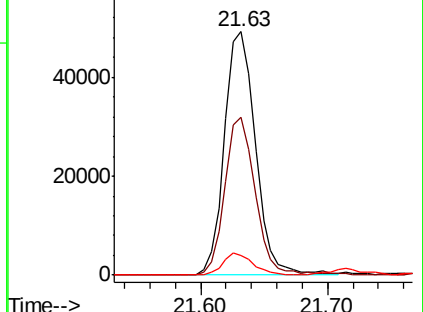
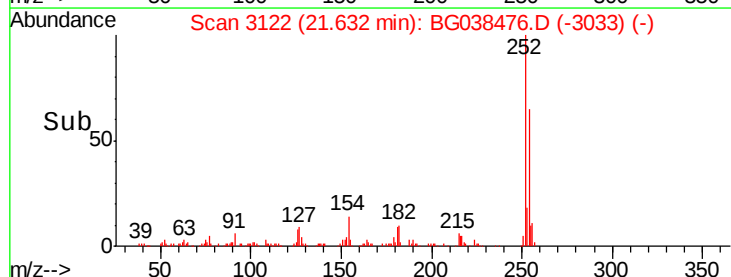
126 8.0 8.2 12.4#

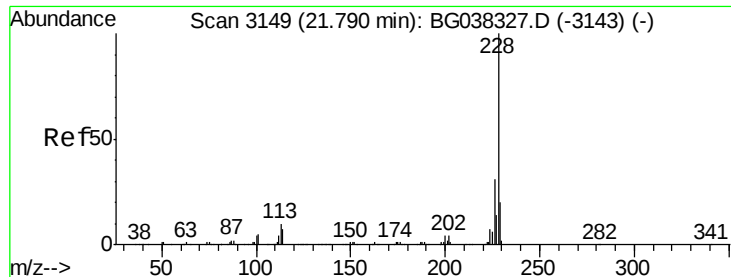


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

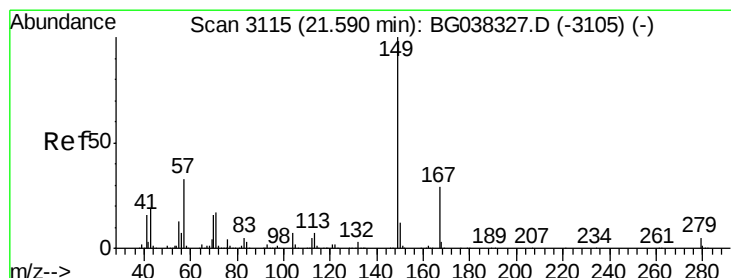
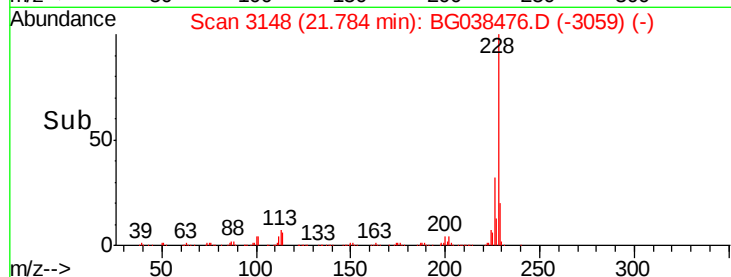
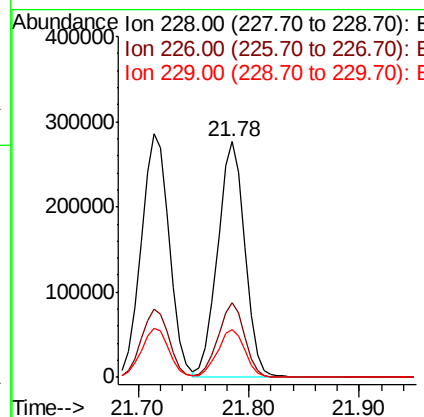
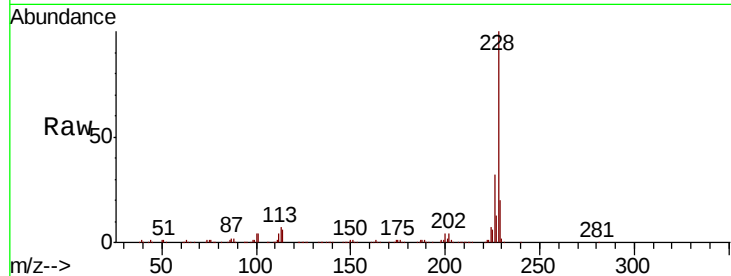




#83
 Chrysene
 Concen: 49.987 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

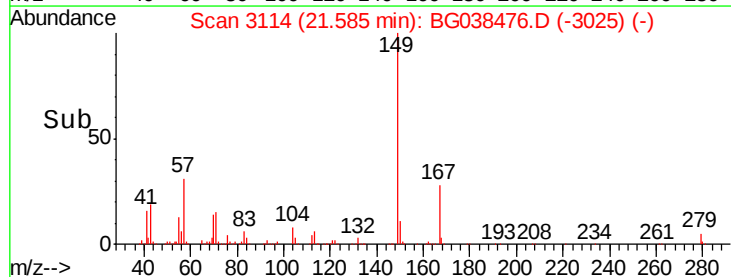
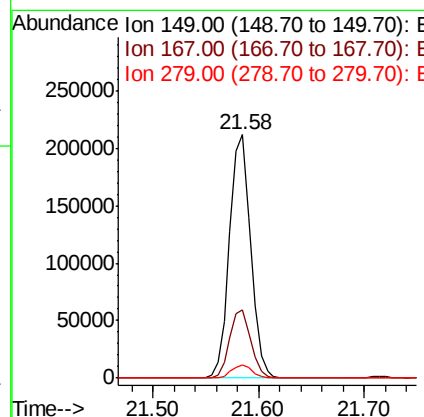
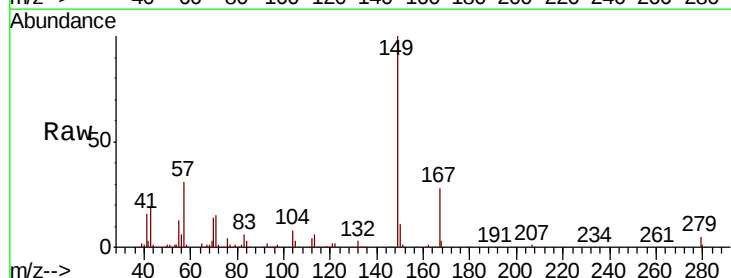
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

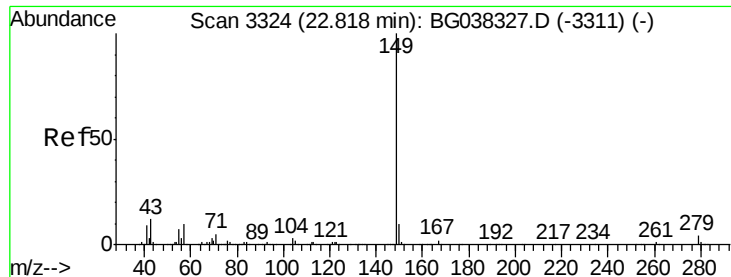
Tgt Ion: 228 Resp: 469908
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.7 38.5
 229 20.4 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.676 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion: 149 Resp: 294469
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.0 34.4
 279 5.4 3.6 5.4

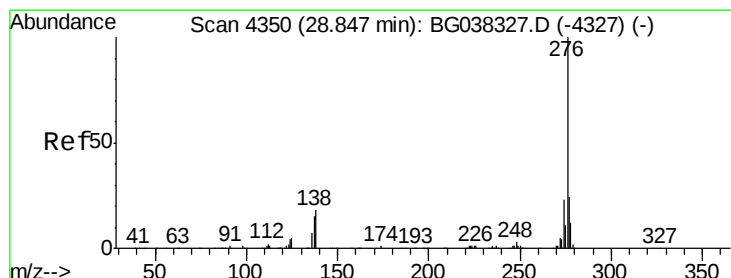
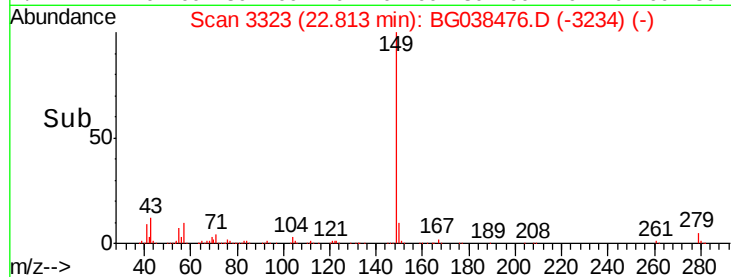
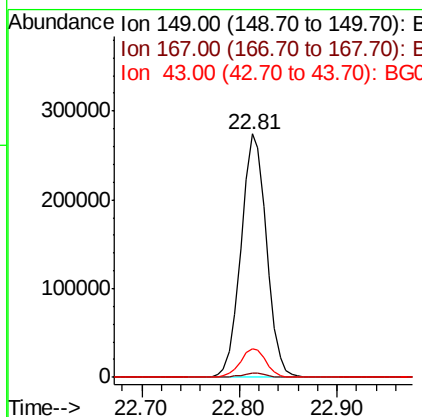
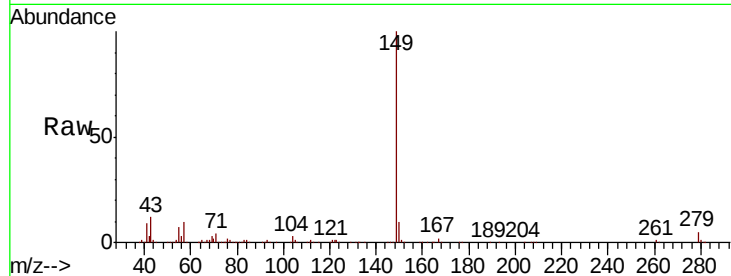




#85
Di-n-octyl phthalate
Concen: 45.140 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

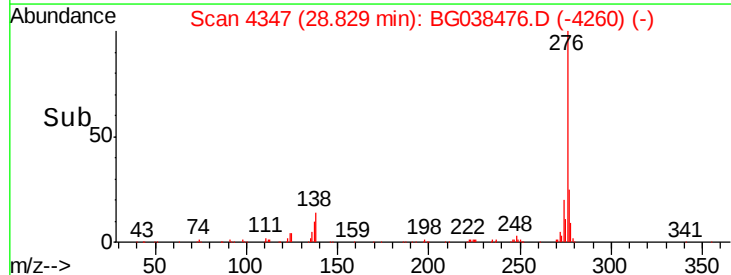
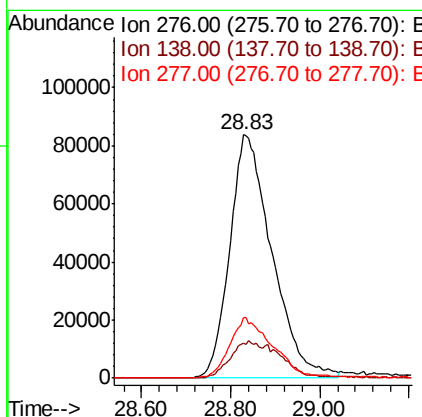
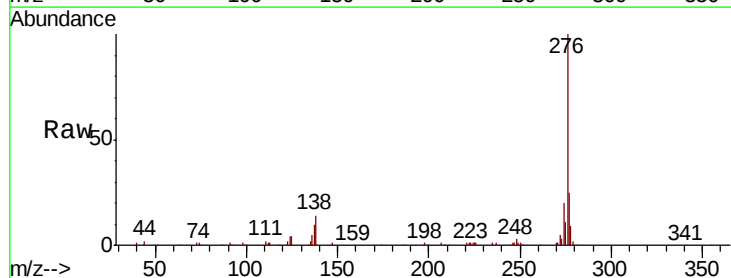
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

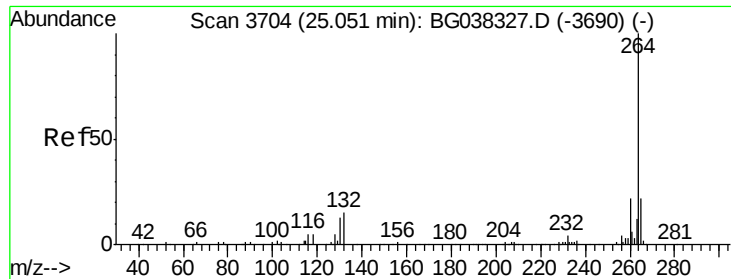
Tgt Ion:149 Resp: 499001
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.616 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:276 Resp: 551442
Ion Ratio Lower Upper
276 100
138 10.7 12.0 18.0#
277 25.4 20.6 30.8

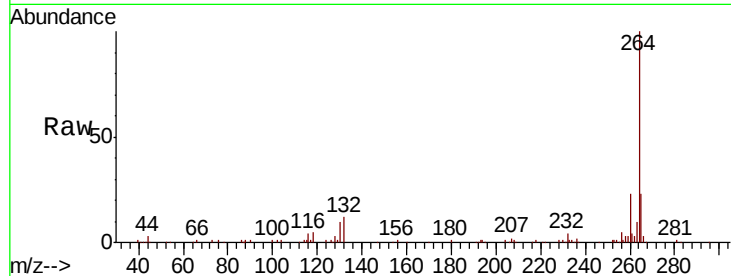




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.6	17.9	26.9

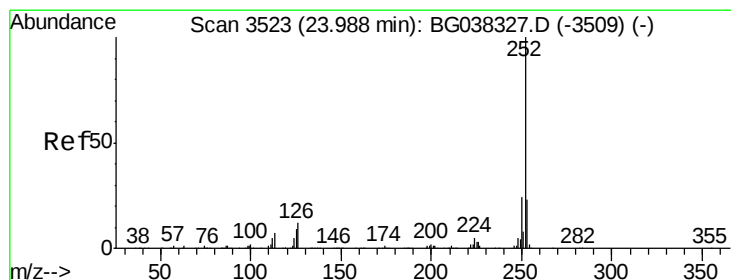
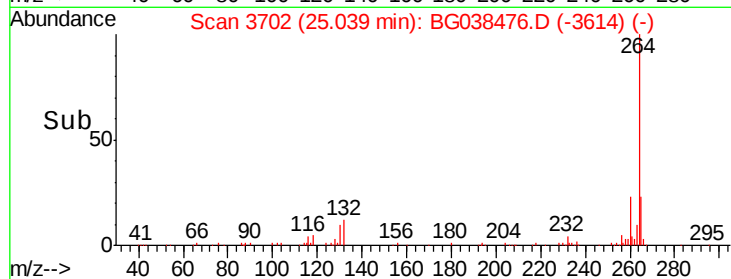
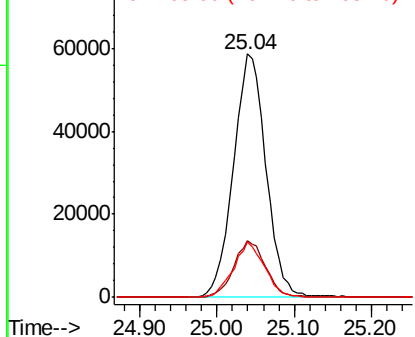


Abundance

Ion 264.00 (263.70 to 264.70): E

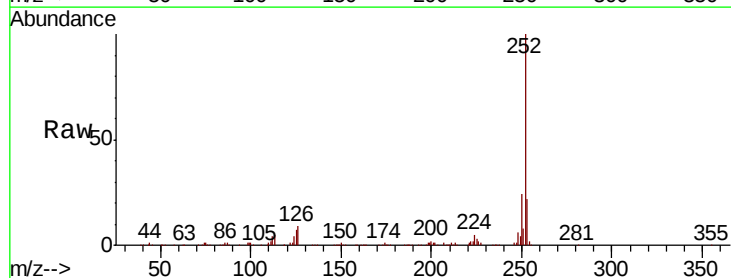
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 50.815 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.0	7.8	11.6

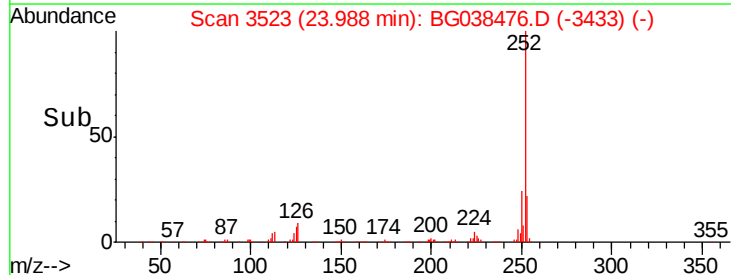
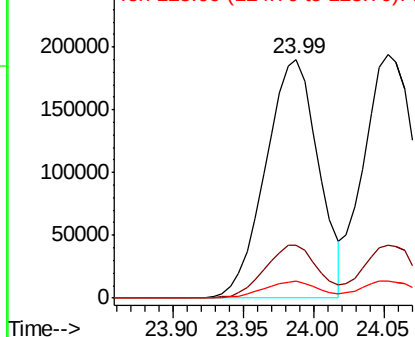


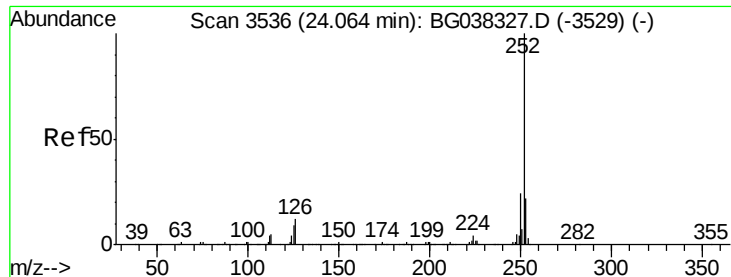
Abundance

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

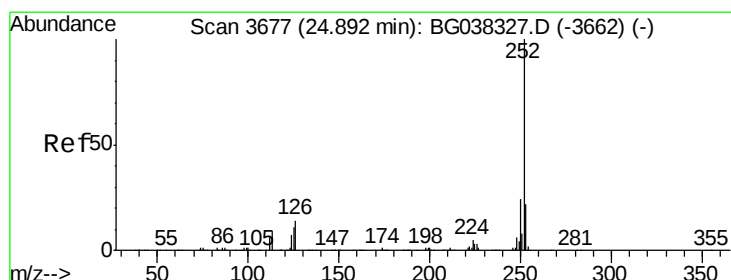
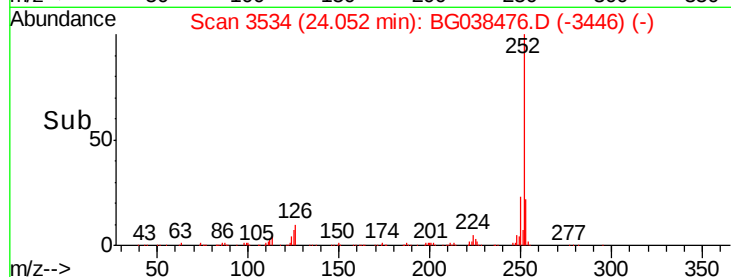
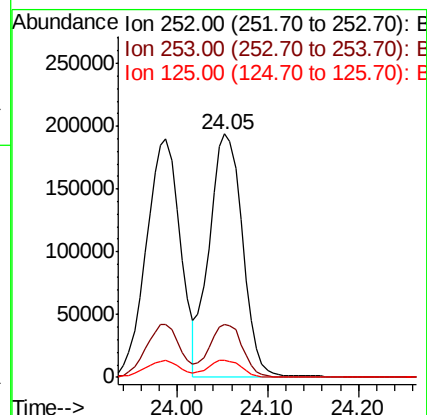
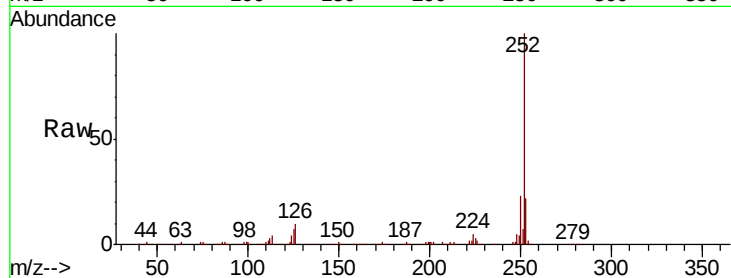




#89
Benzo(k)fluoranthene
Concen: 50.525 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

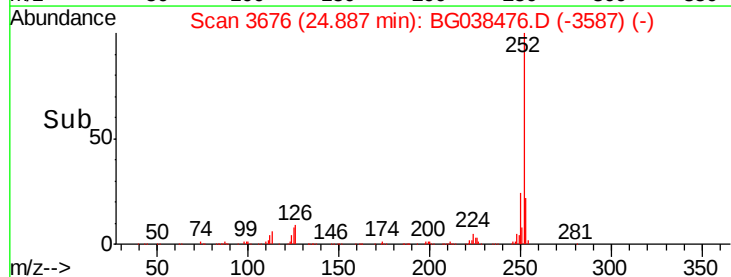
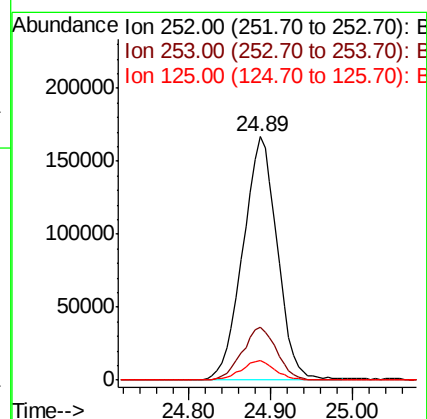
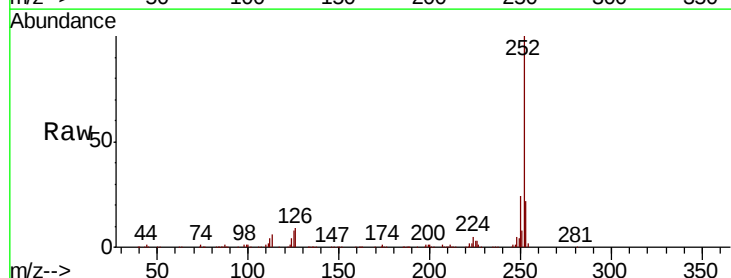
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

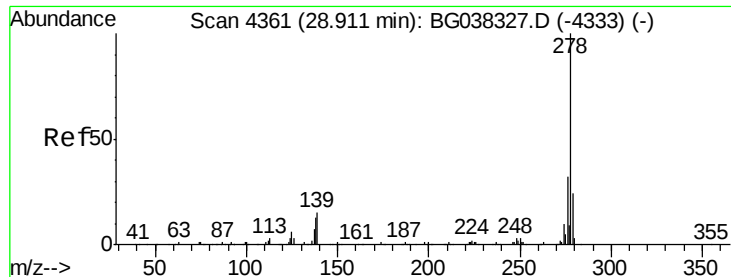
Tgt Ion:252 Resp: 492649
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.0 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 51.253 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion:252 Resp: 486710
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.8 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 50.006 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

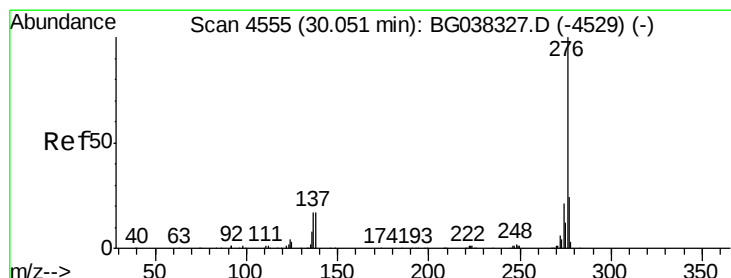
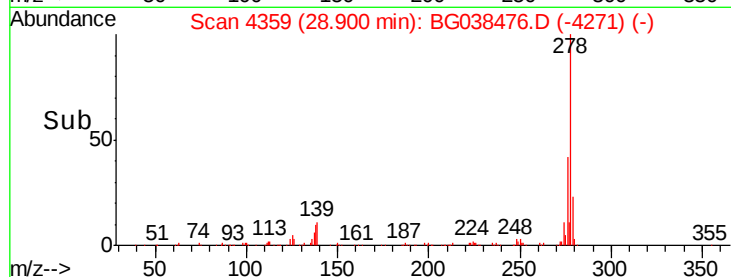
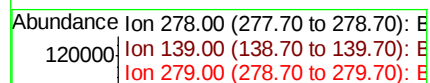
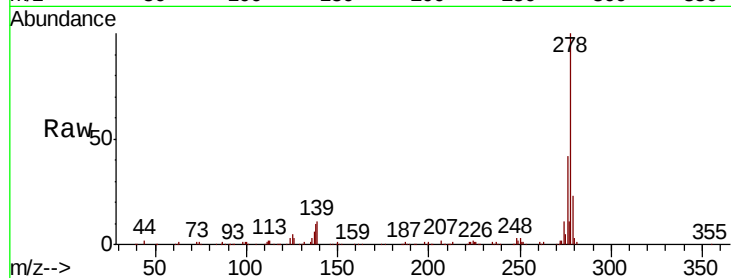
Tgt Ion:278 Resp: 450390

Ion Ratio Lower Upper

278 100

139 10.6 11.5 17.3#

279 22.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 50.015 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:276 Resp: 446927

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 15.7 17.2 25.8#

