

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042448.D
 Acq On : 24 Aug 2019 00:35
 Operator : HP/JU
 Sample : K4090-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Quant Time: Aug 24 02:12:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	72845	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	278359	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	195594	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	430565	20.00	ng	0.00
76) Chrysene-d12	21.70	240	416867	20.00	ng	0.00
87) Perylene-d12	24.93	264	491921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	484976	134.84	ng	0.00
7) Phenol-d6	7.17	99	616354	126.86	ng	0.00
23) Nitrobenzene-d5	9.18	82	413868	102.74	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	336985	121.22	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1106284	95.66	ng	0.00
79) Terphenyl-d14	20.03	244	1751882	90.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	56942	37.936	ng	# 64
3) Pyridine	3.84	79	112635	29.264	ng	95
4) n-Nitrosodimethylamine	3.75	42	58094	42.260	ng	96
6) Aniline	7.32	93	143561	22.154	ng	99
8) 2-Chlorophenol	7.57	128	198095	45.445	ng	96
9) Benzaldehyde	7.13	77	66981	27.538	ng	99
10) Phenol	7.20	94	208244	42.157	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	182449	47.029	ng	97
12) 1,3-Dichlorobenzene	7.89	146	228586	41.222	ng	98
13) 1,4-Dichlorobenzene	8.04	146	232243	41.347	ng	96
14) 1,2-Dichlorobenzene	8.36	146	220439	40.981	ng	99
15) Benzyl Alcohol	8.25	79	153653	43.959	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	245837	46.753	ng	99
17) 2-Methylphenol	8.46	107	161889	44.494	ng	96
18) Hexachloroethane	9.09	117	76140	39.596	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	139128	44.202	ng	98
20) 3+4-Methylphenols	8.79	107	221493	43.994	ng	98
22) Acetophenone	8.83	105	285356	47.930	ng	# 98
24) Nitrobenzene	9.22	77	203274	49.834	ng	97
25) Isophorone	9.74	82	382577	48.125	ng	96
26) 2-Nitrophenol	9.93	139	115795	45.300	ng	99
27) 2,4-Dimethylphenol	10.00	122	187462	53.239	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	243352	48.569	ng	98
29) 2,4-Dichlorophenol	10.48	162	220388	47.838	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	239597	42.371	ng	99
31) Naphthalene	10.88	128	612685	47.409	ng	99
32) Benzoic acid	10.12	122	32092	18.590	ng	96
33) 4-Chloroaniline	10.99	127	62668	10.504	ng	99
34) Hexachlorobutadiene	11.17	225	151513	39.868	ng	98
35) Caprolactam	11.76	113	30955	20.137	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	213606	48.843	ng	99
37) 2-Methylnaphthalene	12.49	142	481097	46.362	ng	97
38) 1-Methylnaphthalene	12.71	142	452350	45.892	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	290086	46.183	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	154809	46.920	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	197490	46.515	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	214055	48.652	ng	96
46) 1,1'-Biphenyl	13.49	154	611951	48.401	ng	98
47) 2-Chloronaphthalene	13.54	162	500975	45.953	ng	98
48) 2-Nitroaniline	13.74	65	133526	50.791	ng	97
49) Acenaphthylene	14.39	152	799397	48.739	ng	98
50) Dimethylphthalate	14.12	163	662960	46.976	ng	100
51) 2,6-Dinitrotoluene	14.23	165	149515	45.706	ng	100
52) Acenaphthene	14.73	154	469409	47.133	ng	100
53) 3-Nitroaniline	14.56	138	112693	34.446	ng	97
54) 2,4-Dinitrophenol	14.78	184	54734	29.140	ng	94
55) Dibenzofuran	15.06	168	780766	47.361	ng	98
56) 4-Nitrophenol	14.89	139	240654	103.521	ng	97
57) 2,4-Dinitrotoluene	15.03	165	209098	44.637	ng	95
58) Fluorene	15.71	166	625779	46.437	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	200595	46.103	ng	# 88
60) Diethylphthalate	15.48	149	617463	44.756	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	352232	43.360	ng	99
62) 4-Nitroaniline	15.73	138	154615	44.158	ng	98
63) Azobenzene	16.00	77	486312	51.443	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51798	19.188	ng	93
66) n-Nitrosodiphenylamine	15.92	169	578131	48.825	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	242885	44.473	ng	97
68) Hexachlorobenzene	16.73	284	251714	42.397	ng	# 93
69) Atrazine	16.87	200	212876	50.839	ng	99
70) Pentachlorophenol	17.07	266	260677	84.505	ng	99
71) Phenanthrene	17.46	178	1012755	47.354	ng	97
72) Anthracene	17.55	178	1038677	48.649	ng	98
73) Carbazole	17.82	167	932067	48.983	ng	98
74) Di-n-butylphthalate	18.38	149	1069990	47.569	ng	99
75) Fluoranthene	19.47	202	1212757	46.464	ng	98
77) Benzidine	19.65	184	160355	13.417	ng	97
78) Pyrene	19.83	202	1231659	48.191	ng	97
80) Butylbenzylphthalate	20.71	149	498373	49.577	ng	98
81) Benzo(a)anthracene	21.67	228	1191235	46.975	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	408307	40.035	ng	# 99
83) Chrysene	21.74	228	1155656	47.254	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	697844	49.999	ng	99
85) Di-n-octyl phthalate	22.79	149	1213334	50.544	ng	98
86) Indeno(1,2,3-cd)pyrene	28.65	276	1456884	43.835	ng	99
88) Benzo(b)fluoranthene	23.91	252	1284157	47.484	ng	# 98
89) Benzo(k)fluoranthene	23.91	252	1284157	49.400	ng	98
90) Benzo(a)pyrene	24.79	252	1278356	49.814	ng	# 98
91) Dibenzo(a,h)anthracene	28.72	278	1208068	46.494	ng	# 96
92) Benzo(g,h,i)perylene	29.81	276	1178916	45.365	ng	# 96

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

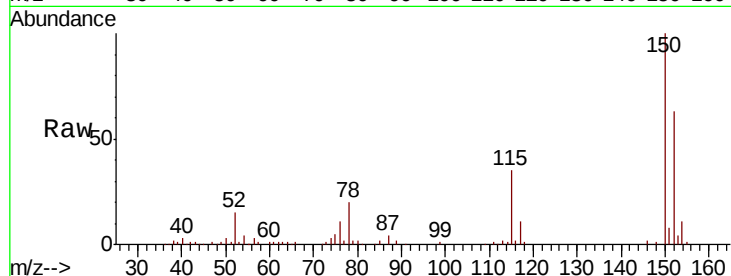


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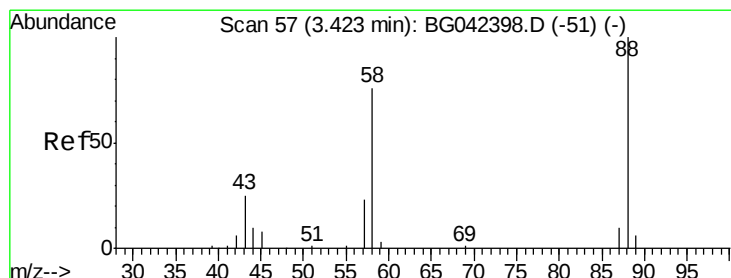
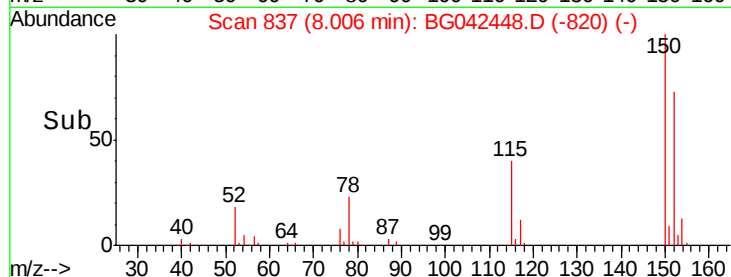
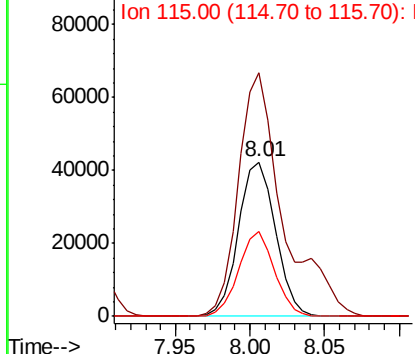
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion:152 Resp: 72845
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 54.7 38.5 57.7



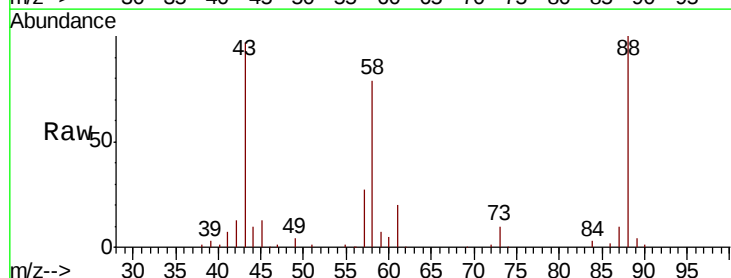
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



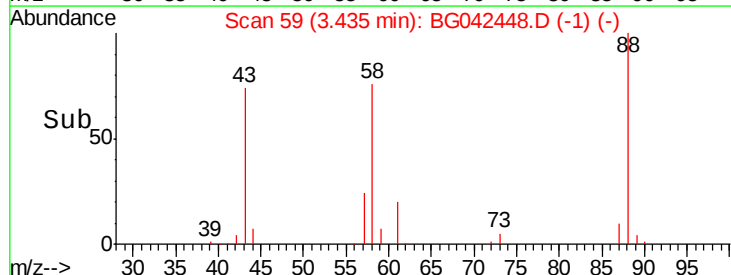
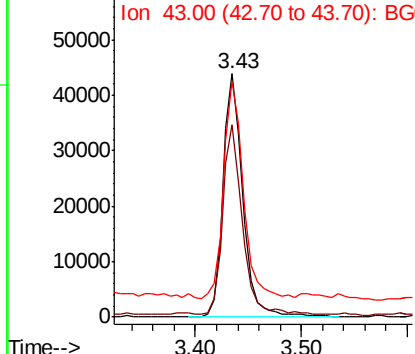
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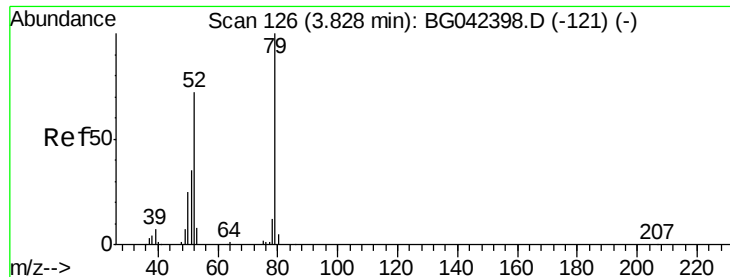
1,4-Dioxane
Concen: 37.936 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion: 88 Resp: 56942
Ion Ratio Lower Upper
88 100
58 76.3 58.3 87.5
43 89.4 20.2 30.2#



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: 29.264 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

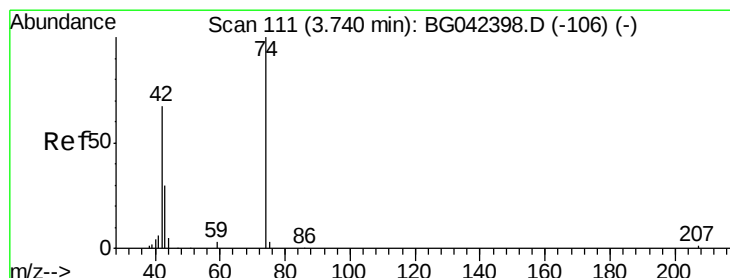
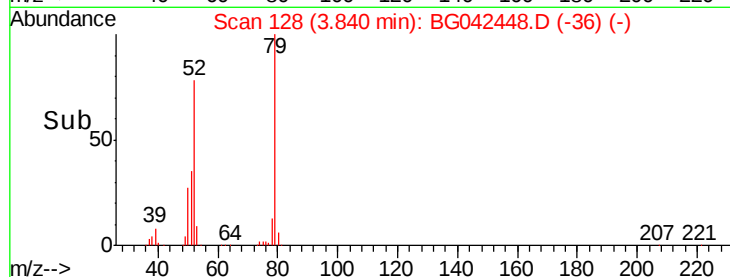
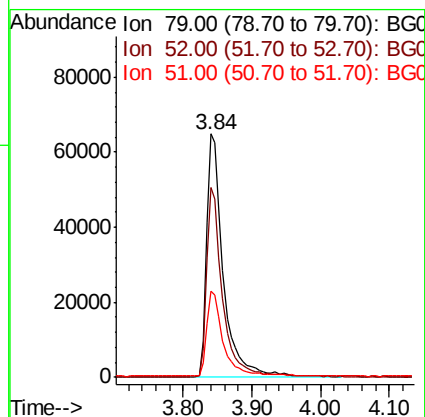
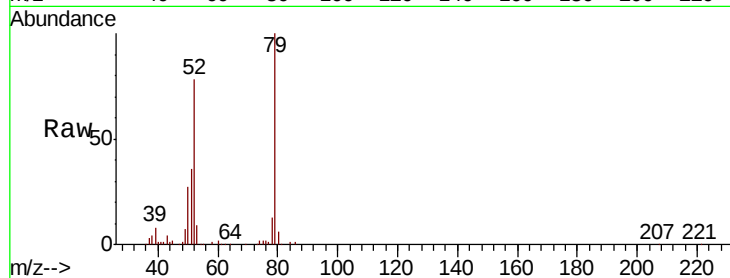
Tgt Ion: 79 Resp: 112635

Ion Ratio Lower Upper

79 100

52 78.1 57.7 86.5

51 35.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 42.260 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

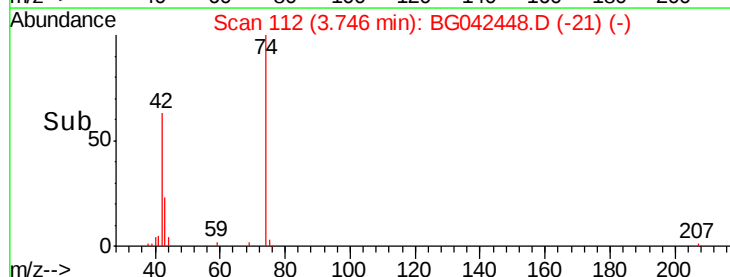
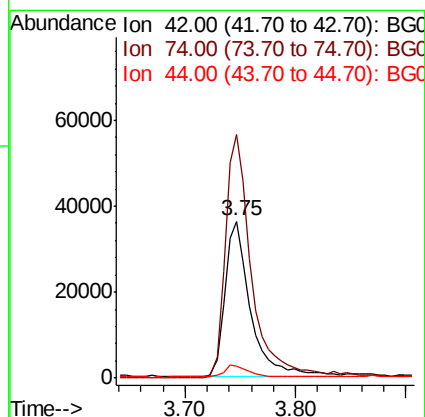
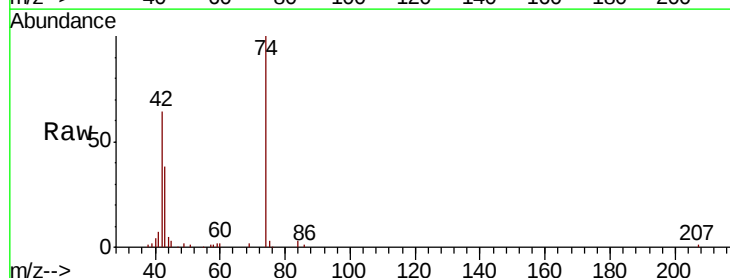
Tgt Ion: 42 Resp: 58094

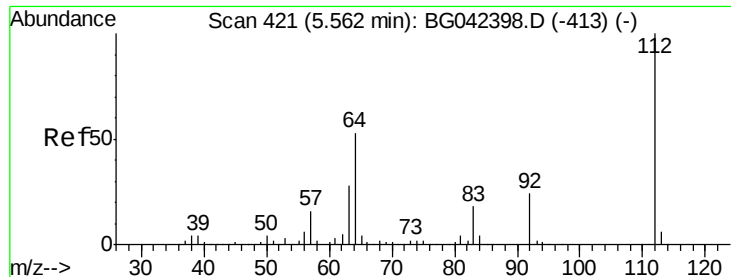
Ion Ratio Lower Upper

42 100

74 155.1 119.6 179.4

44 7.4 6.5 9.7





#5

2-Fluorophenol

Concen: 134.837 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

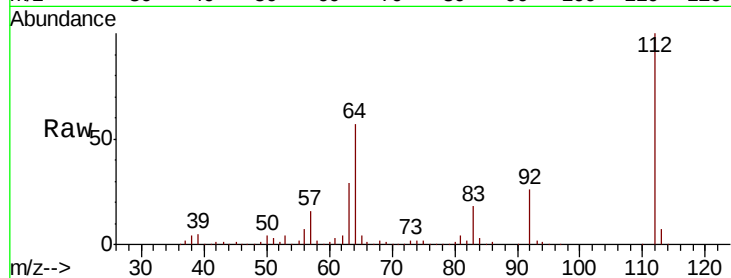
Tgt Ion: 112 Resp: 484976

Ion Ratio Lower Upper

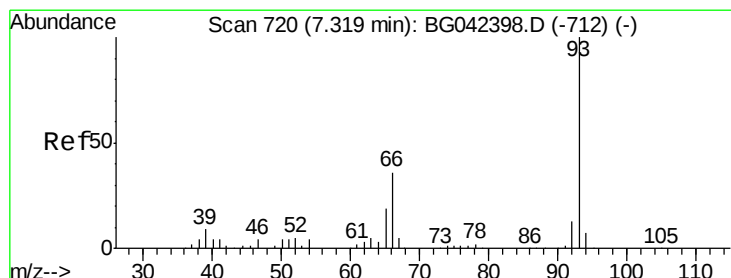
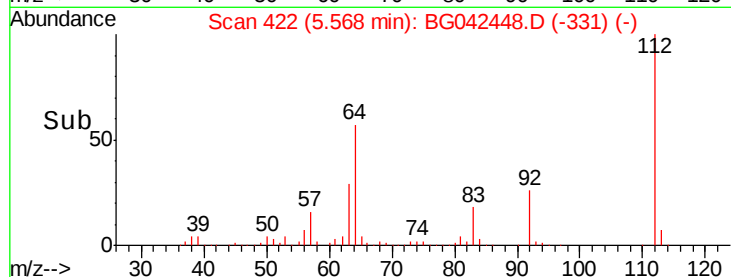
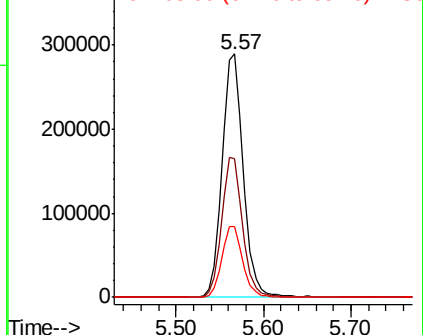
112 100

64 57.2 42.8 64.2

63 29.2 22.7 34.1



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: 22.154 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

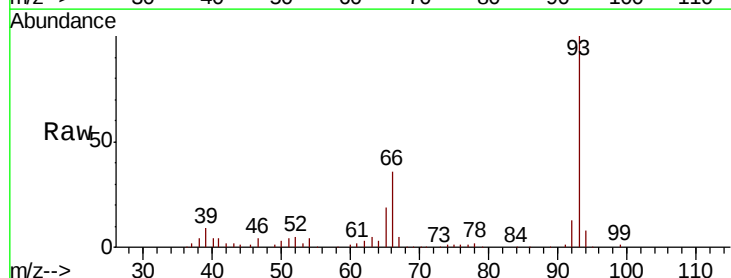
Tgt Ion: 93 Resp: 143561

Ion Ratio Lower Upper

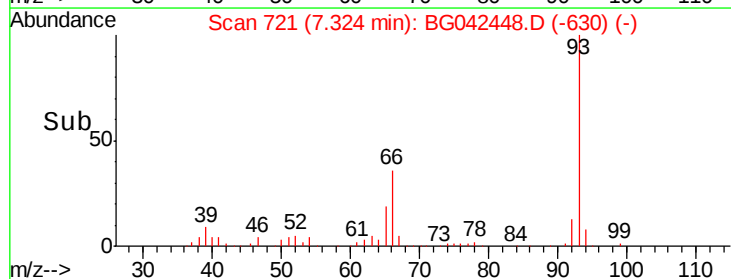
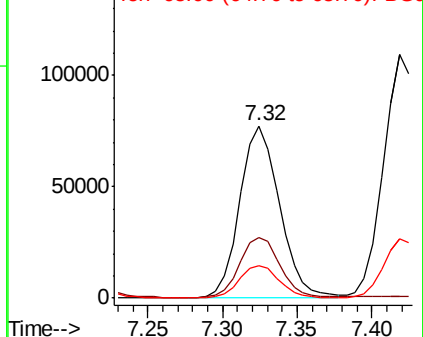
93 100

66 35.5 29.0 43.6

65 19.0 15.2 22.8



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: 126.863 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

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ClientSampleId :

OR-03-082219MS

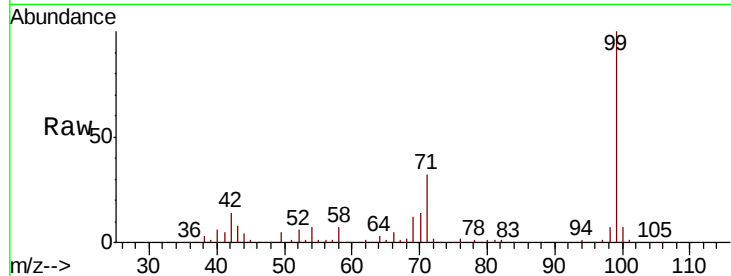
Tgt Ion: 99 Resp: 616354

Ion Ratio Lower Upper

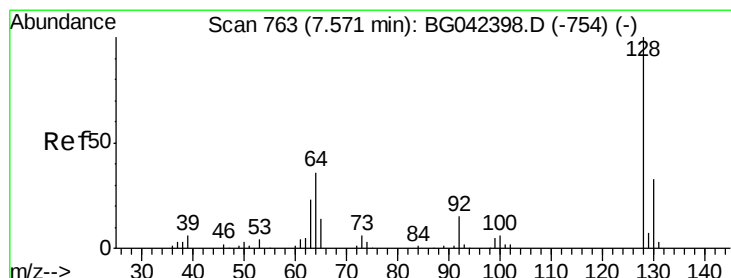
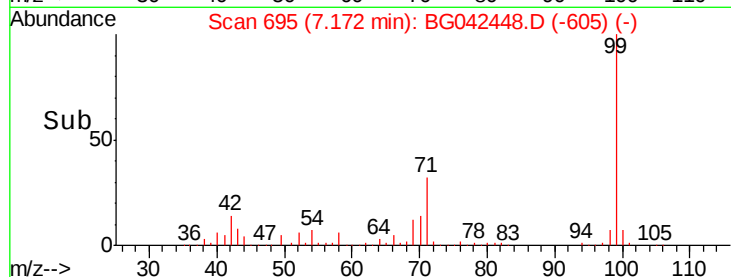
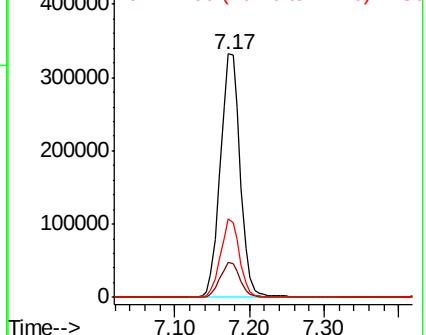
99 100

42 14.5 12.0 18.0

71 32.1 26.3 39.5



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



#8

2-Chlorophenol

Concen: 45.445 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

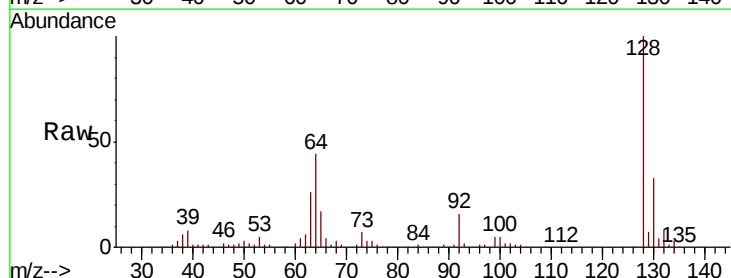
Tgt Ion: 128 Resp: 198095

Ion Ratio Lower Upper

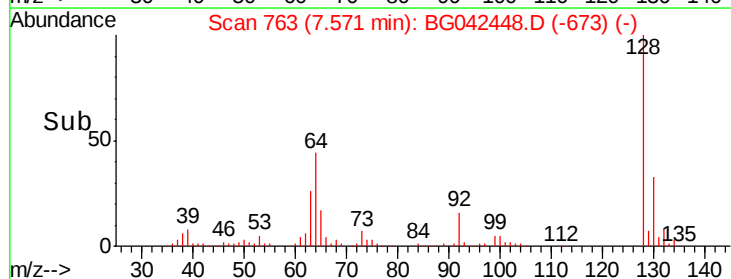
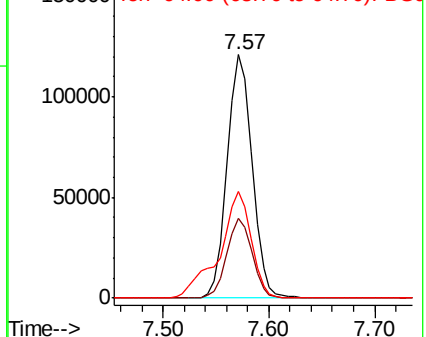
128 100

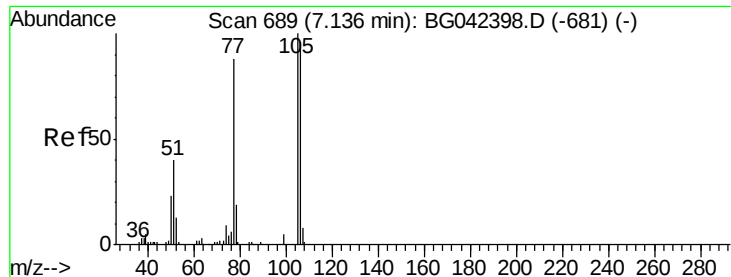
130 32.6 12.8 52.8

64 43.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 27.538 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

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OR-03-082219MS

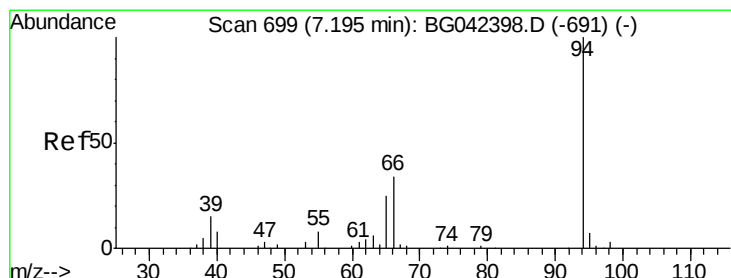
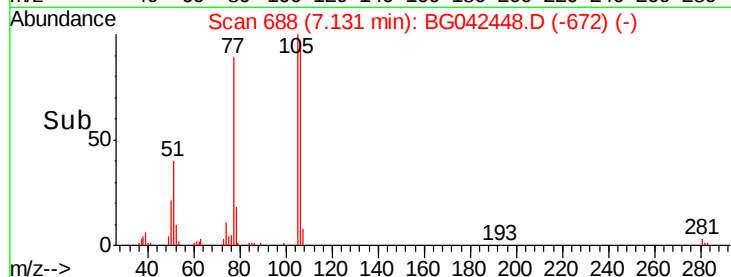
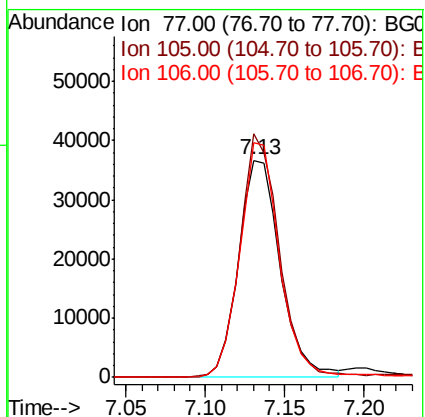
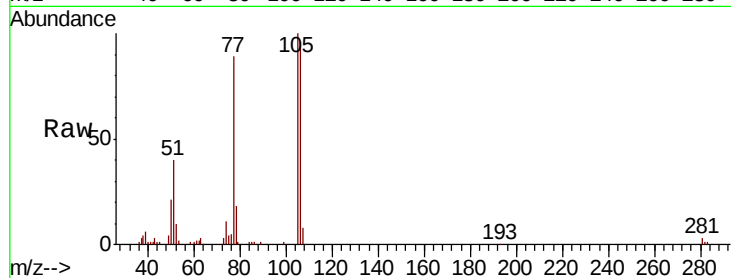
Tgt Ion: 77 Resp: 66981

Ion Ratio Lower Upper

77 100

105 112.0 93.4 133.4

106 107.9 88.4 128.4



#10

Phenol

Concen: 42.157 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

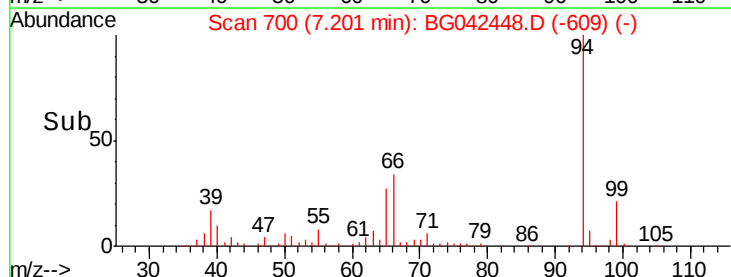
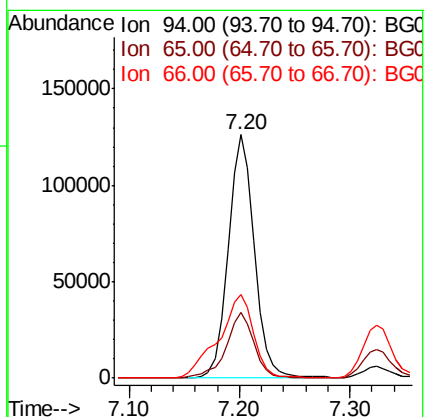
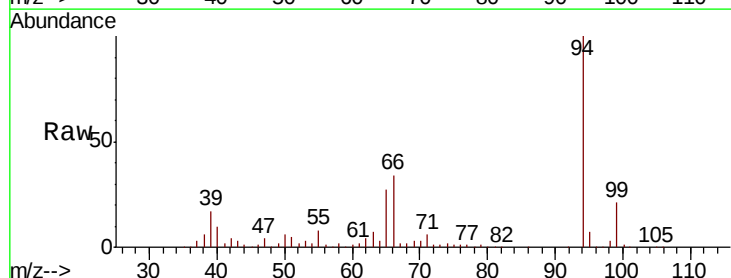
Tgt Ion: 94 Resp: 208244

Ion Ratio Lower Upper

94 100

65 27.1 5.6 45.6

66 34.4 16.0 56.0

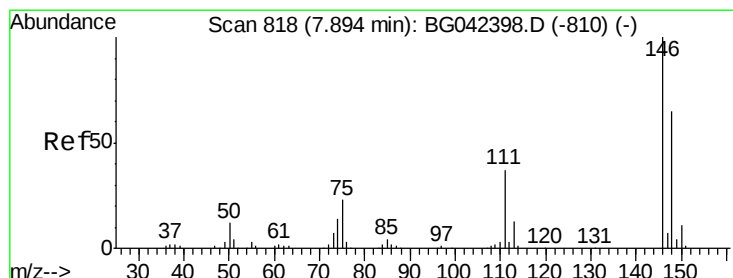
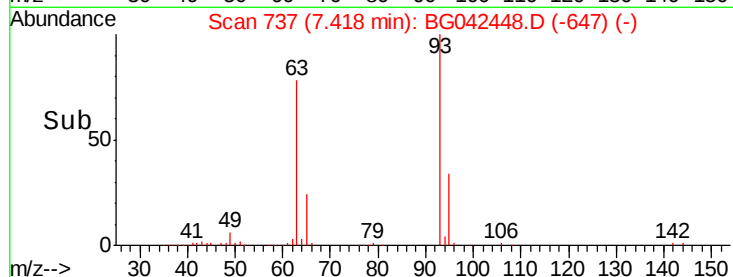
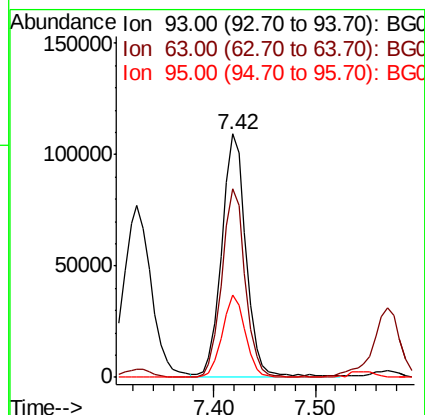
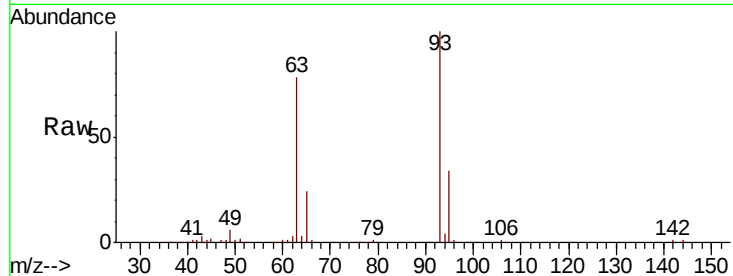




#11
 bis(2-Chloroethyl)ether
 Concen: 47.029 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

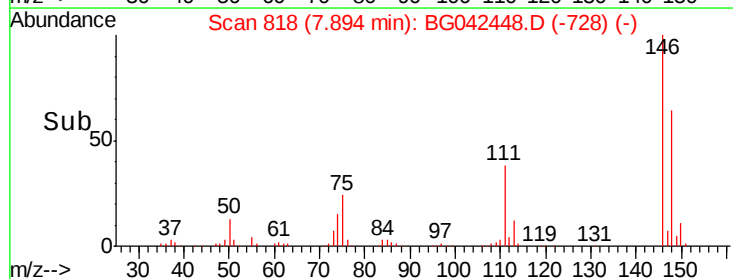
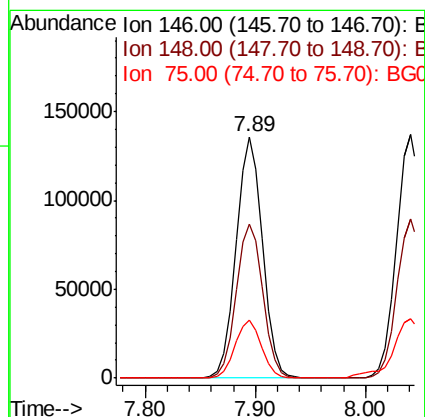
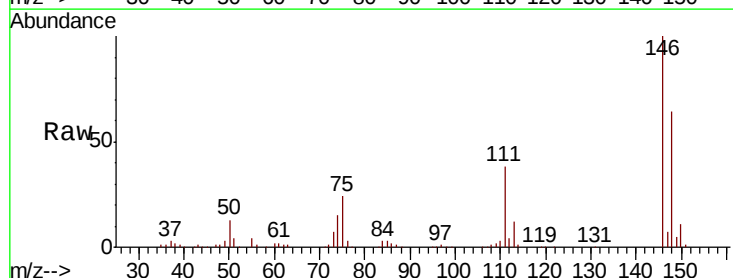
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

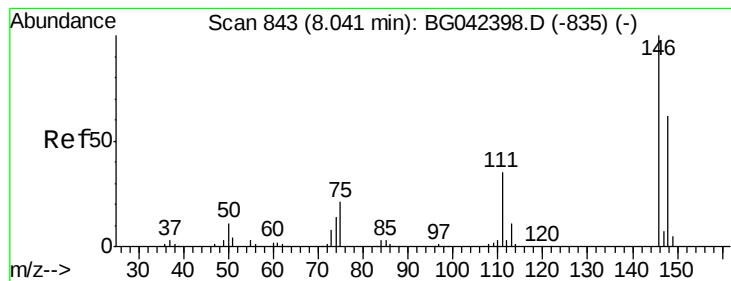
Tgt Ion: 93 Resp: 182449
 Ion Ratio Lower Upper
 93 100
 63 77.6 53.8 93.8
 95 33.6 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.222 ng
 RT: 7.89 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion: 146 Resp: 228586
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 75 24.3 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 41.347 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

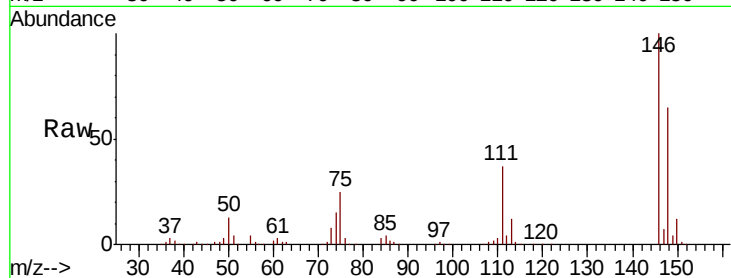
Tgt Ion:146 Resp: 232243

Ion Ratio Lower Upper

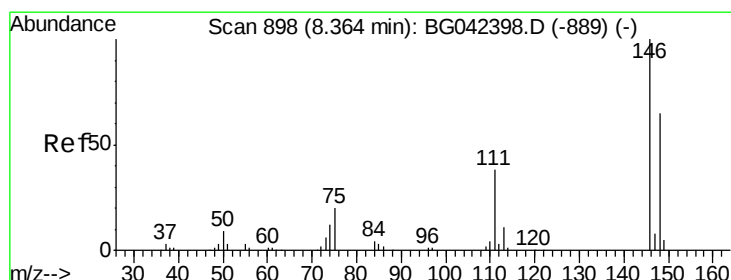
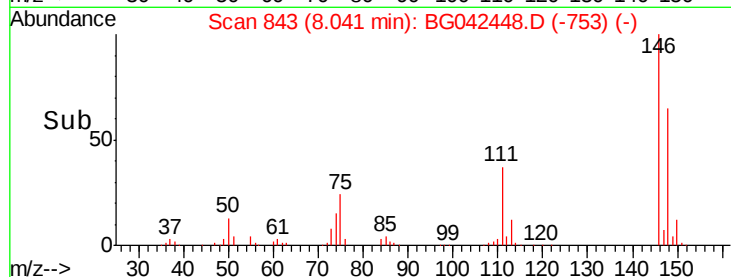
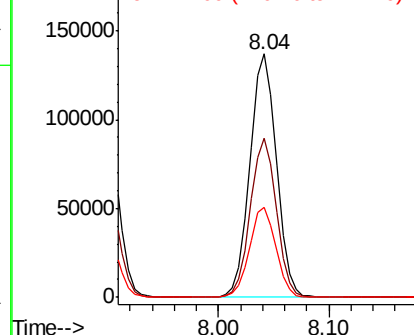
146 100

148 65.4 49.5 74.3

111 37.2 28.1 42.1



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: 40.981 ng

RT: 8.36 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

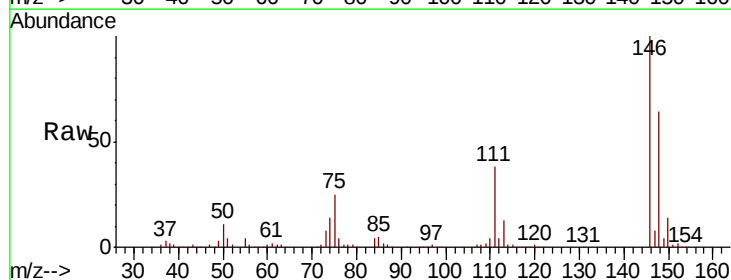
Tgt Ion:146 Resp: 220439

Ion Ratio Lower Upper

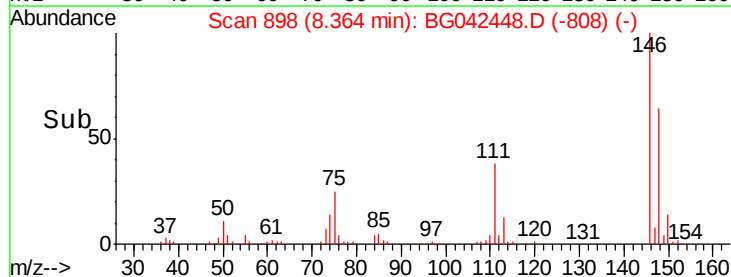
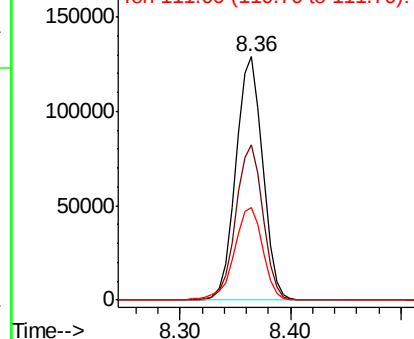
146 100

148 63.7 51.8 77.6

111 38.2 30.9 46.3



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: 43.959 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

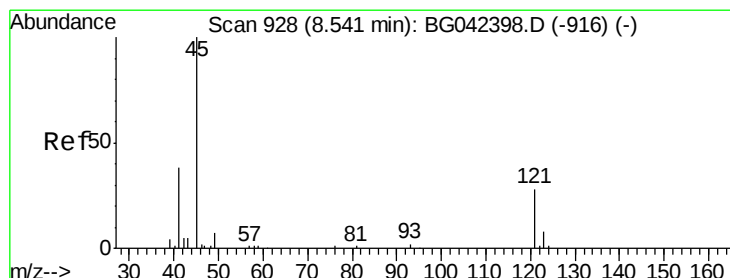
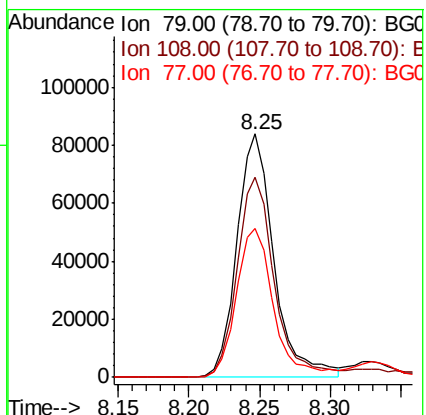
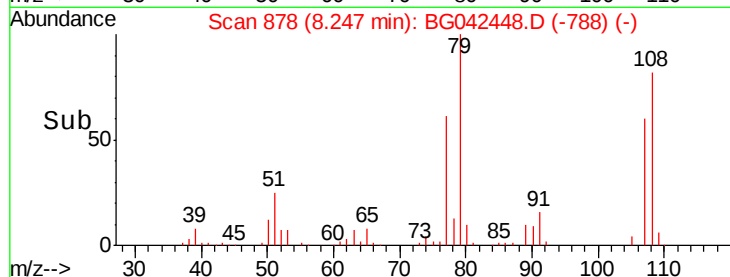
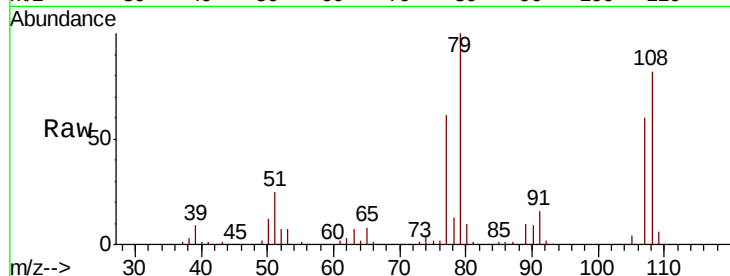
Tgt Ion: 79 Resp: 153653

Ion Ratio Lower Upper

79 100

108 82.2 67.4 101.2

77 60.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.753 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

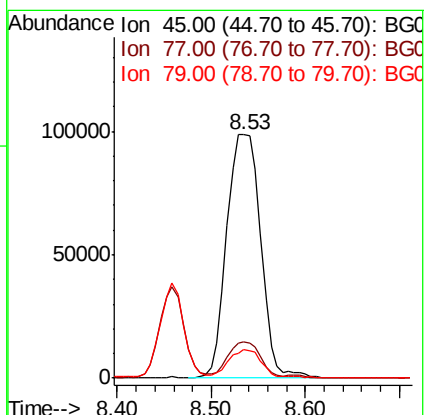
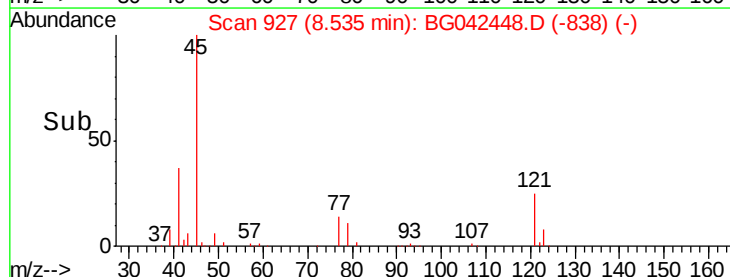
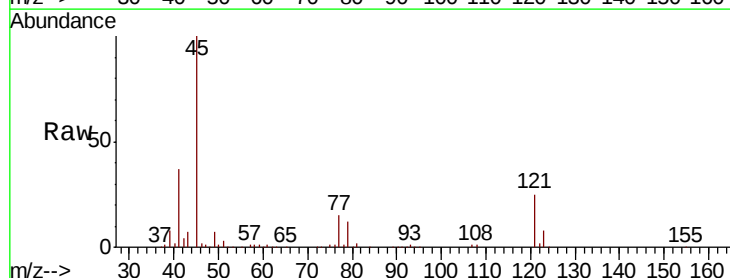
Tgt Ion: 45 Resp: 245837

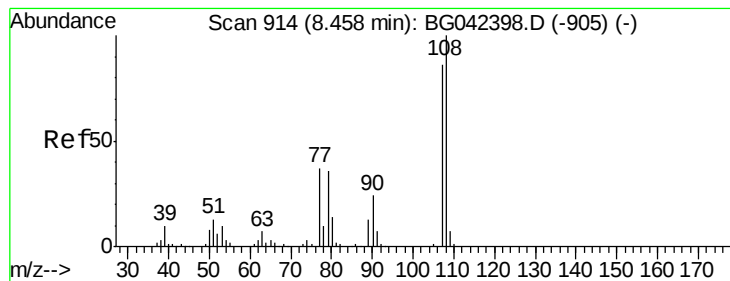
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.6

79 11.9 0.0 31.6





#17

2-Methylphenol

Concen: 44.494 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

Tgt Ion:107 Resp: 161889

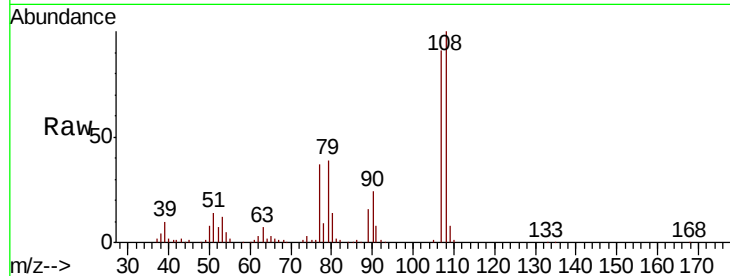
Ion Ratio Lower Upper

107 100

108 110.2 92.9 139.3

77 41.3 34.4 51.6

79 42.7 33.8 50.6

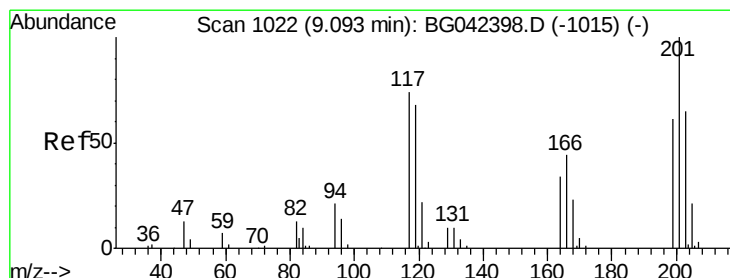
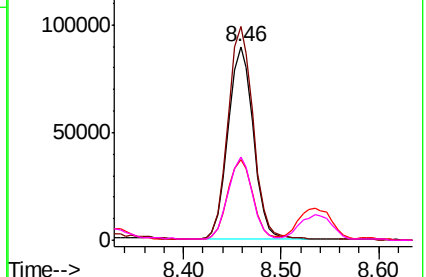
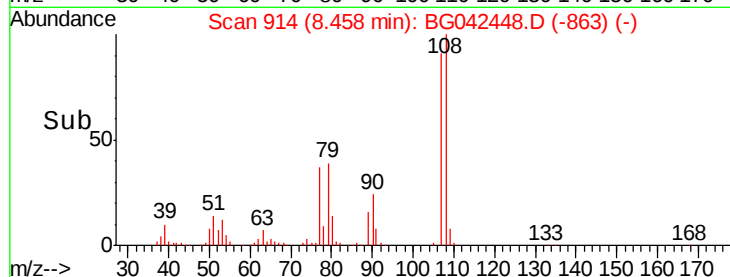


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.596 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

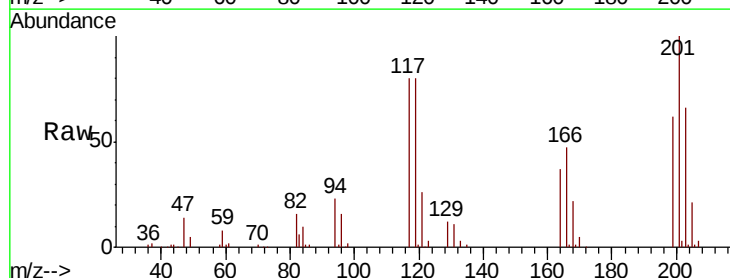
Tgt Ion:117 Resp: 76140

Ion Ratio Lower Upper

117 100

119 99.9 73.8 110.8

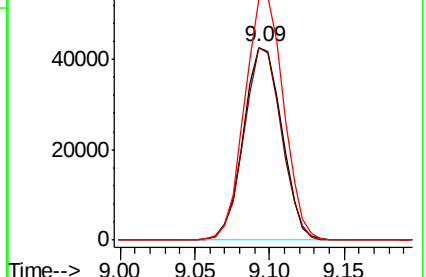
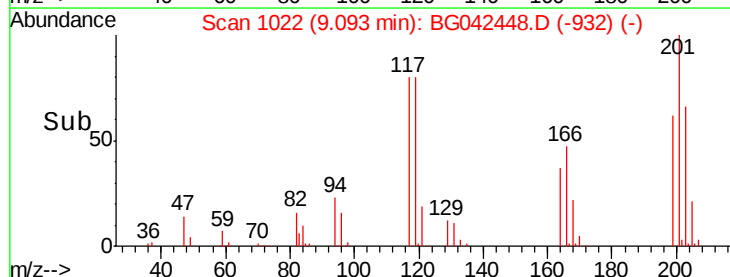
201 125.1 108.3 162.5

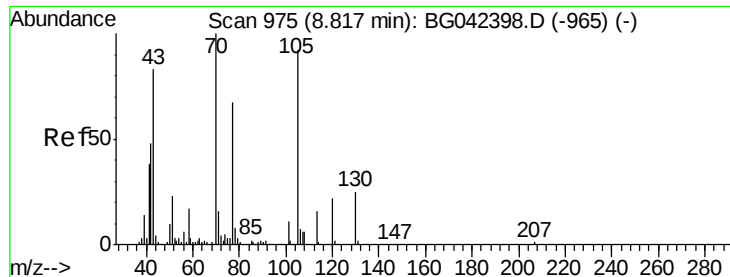


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

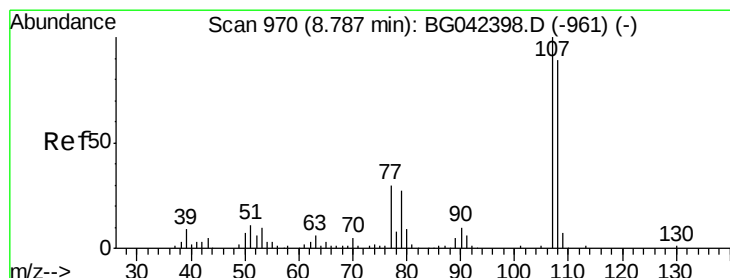
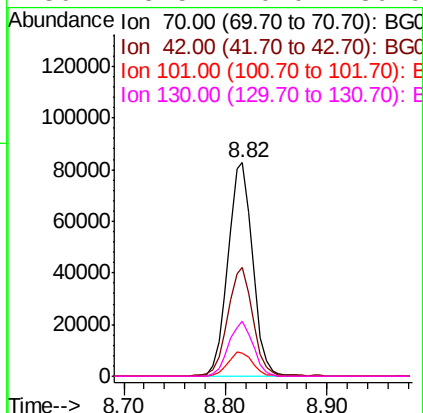
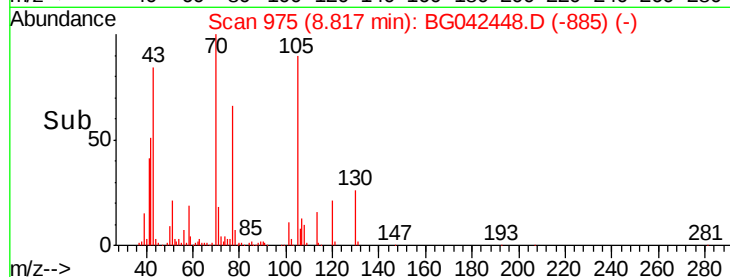
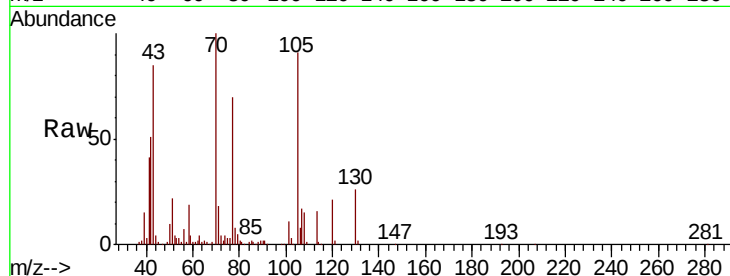




#19
n-Nitroso-di-n-propylamine
Concen: 44.202 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

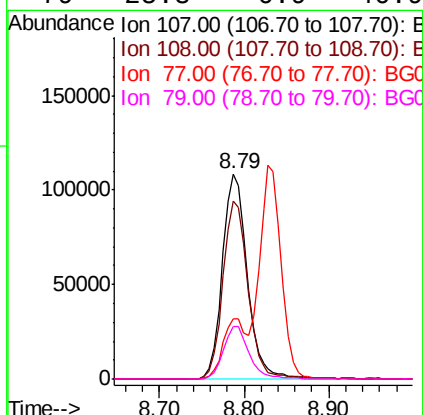
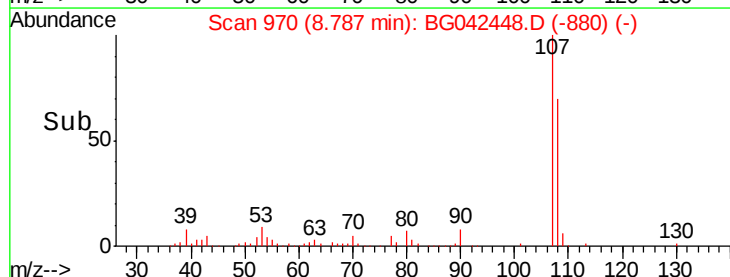
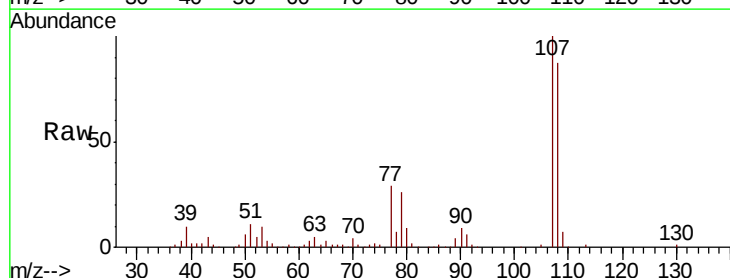
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion:	70	Resp:	139128
Ion	Ratio	Lower	Upper
70	100		
42	50.8	38.8	58.2
101	10.5	9.0	13.6
130	25.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 43.994 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:	107	Resp:	221493
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.7	108.7
77	29.2	10.2	50.2
79	25.8	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

Tgt Ion:136 Resp: 278359

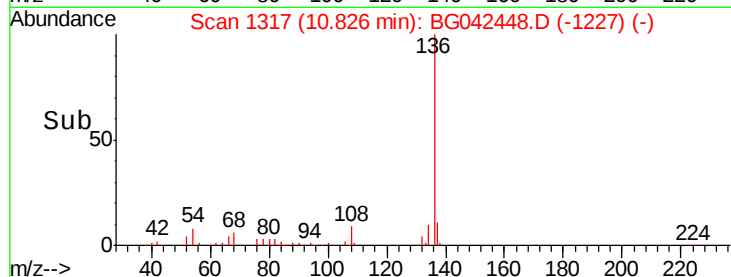
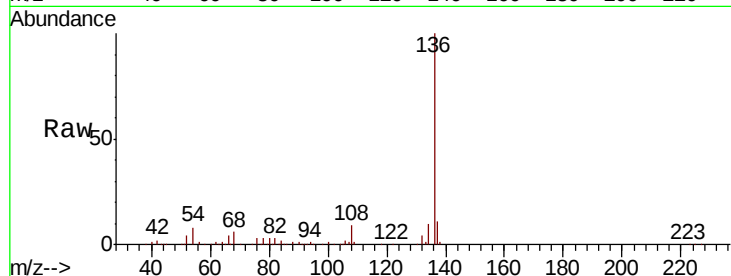
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 4.9 7.3#

68 5.6 3.6 5.4#

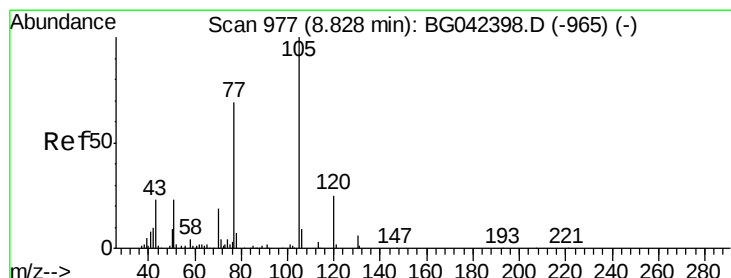
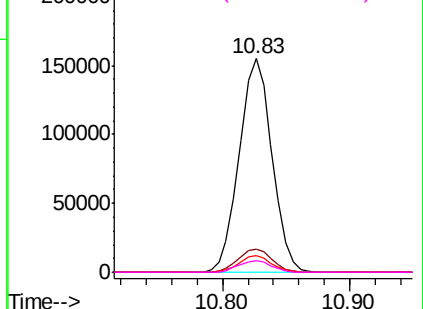


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.930 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Tgt Ion:105 Resp: 285356

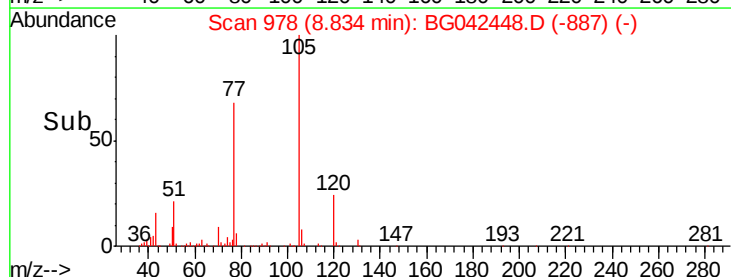
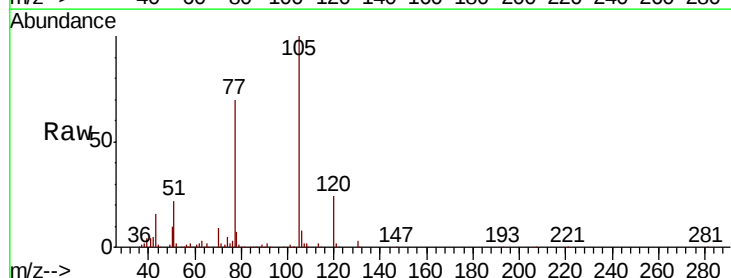
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 22.0 18.7 28.1

120 24.4 20.1 30.1

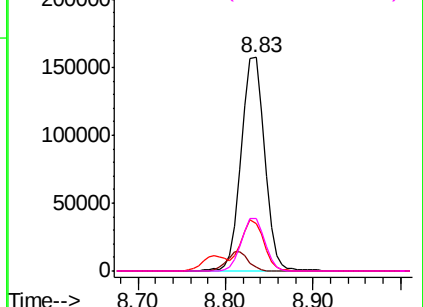


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

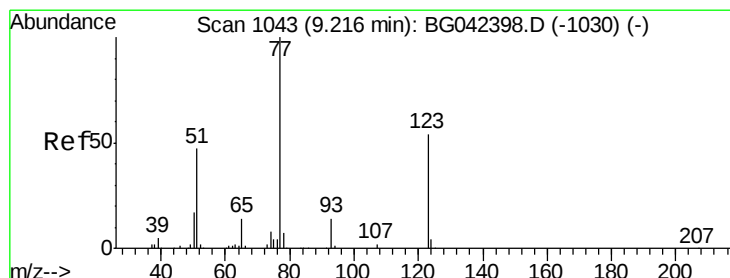
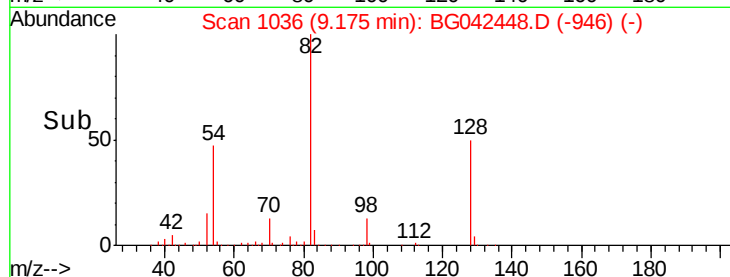
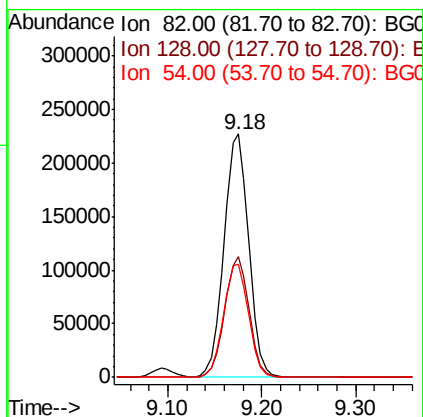
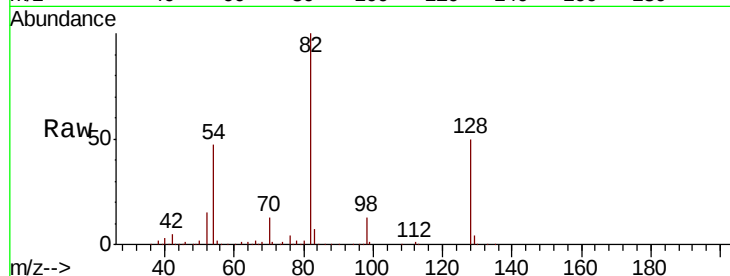




#23
 Nitrobenzene-d5
 Concen: 102.745 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

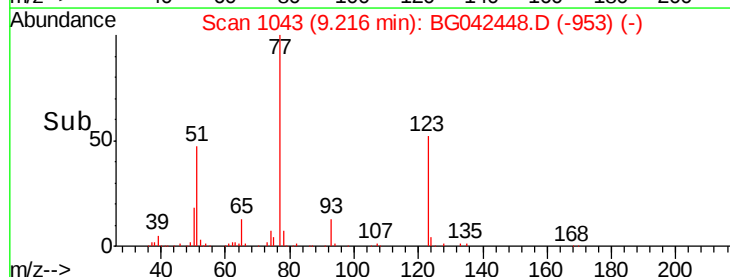
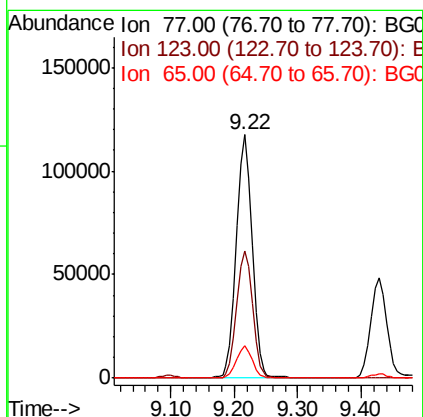
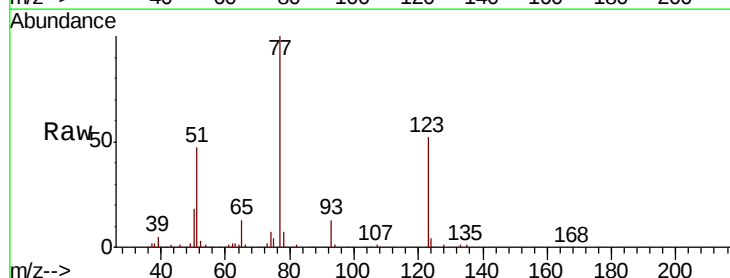
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	40.7	61.1
54	46.6	36.3	54.5



#24
 Nitrobenzene
 Concen: 49.834 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	43.4	65.0
65	13.3	11.0	16.6

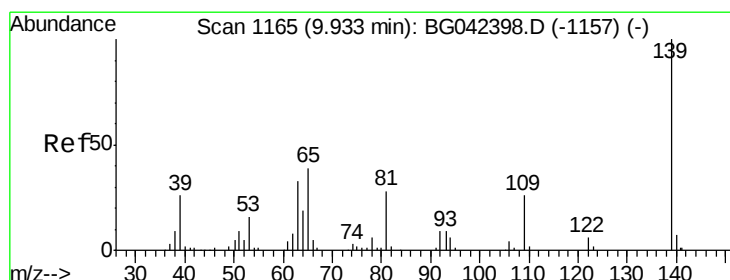
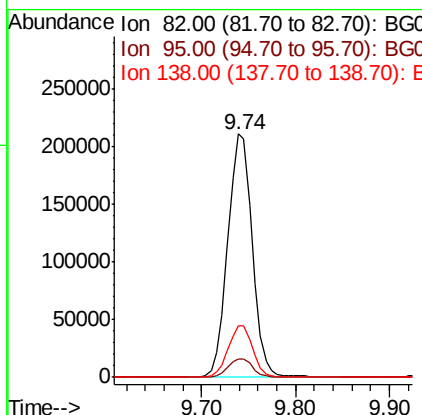
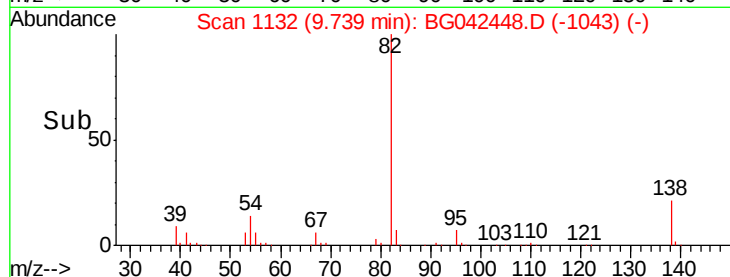
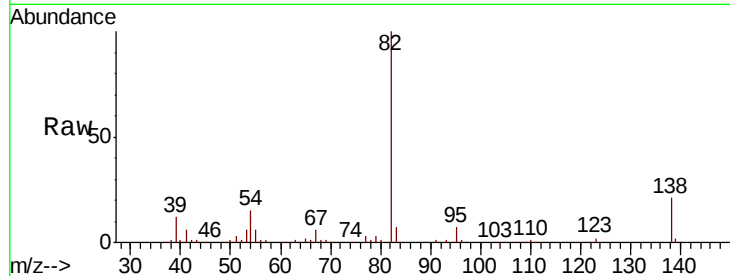




#25
Isophorone
Concen: 48.125 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

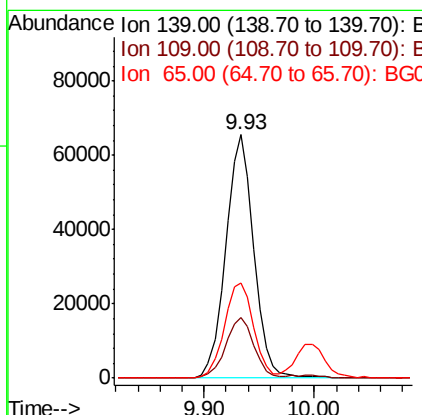
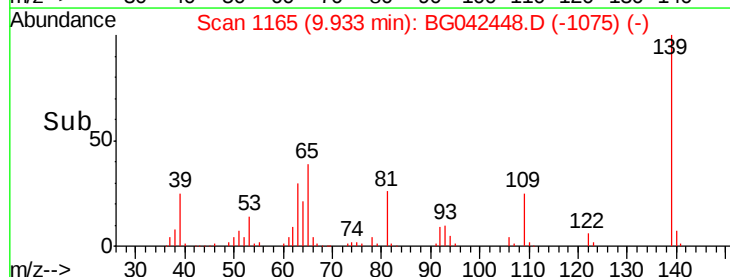
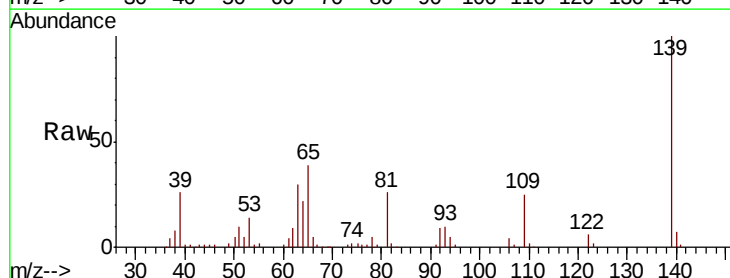
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

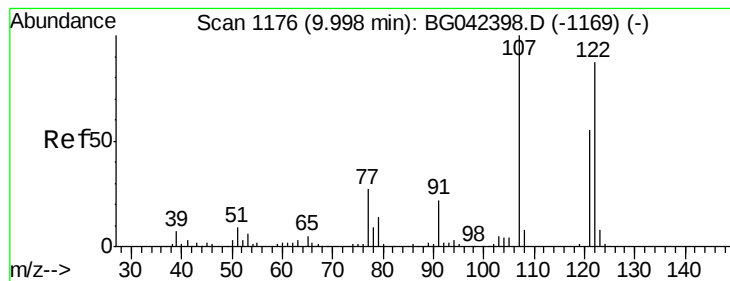
Tgt Ion: 82 Resp: 382577
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 21.2 18.6 27.8



#26
2-Nitrophenol
Concen: 45.300 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion: 139 Resp: 115795
Ion Ratio Lower Upper
139 100
109 24.6 20.5 30.7
65 39.2 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 53.239 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

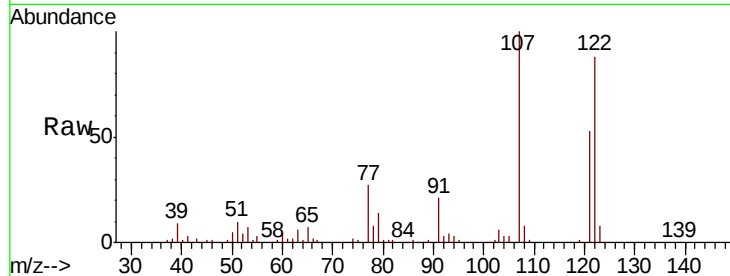
Tgt Ion:122 Resp: 187462

Ion Ratio Lower Upper

122 100

107 113.4 90.8 136.2

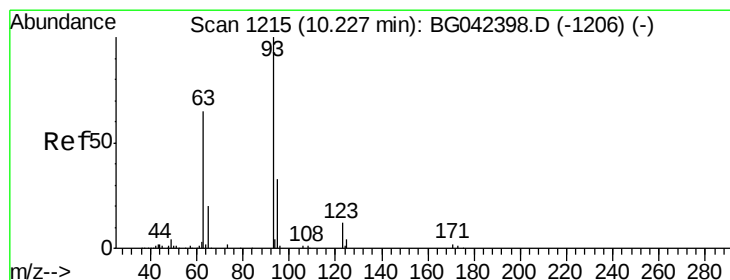
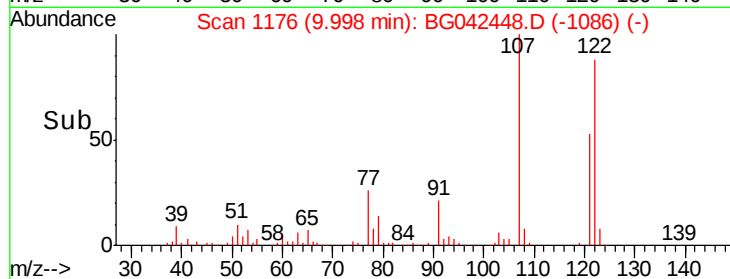
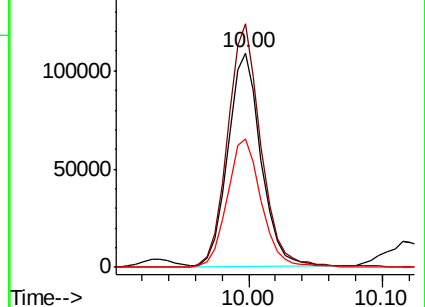
121 60.0 49.6 74.4



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: 48.569 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

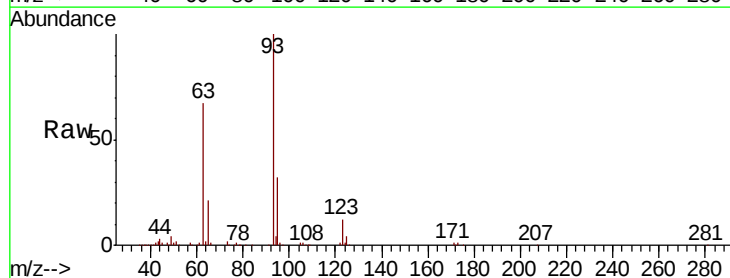
Tgt Ion: 93 Resp: 243352

Ion Ratio Lower Upper

93 100

95 31.6 26.6 40.0

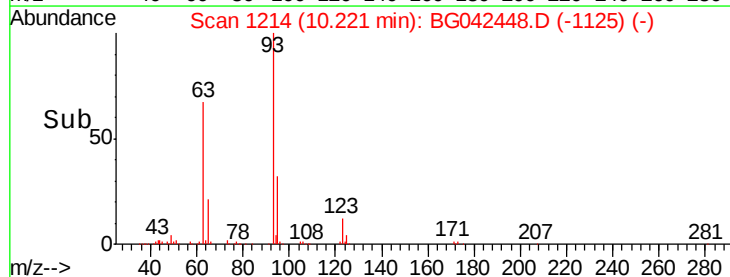
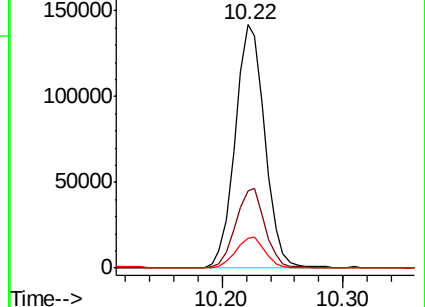
123 12.4 10.1 15.1

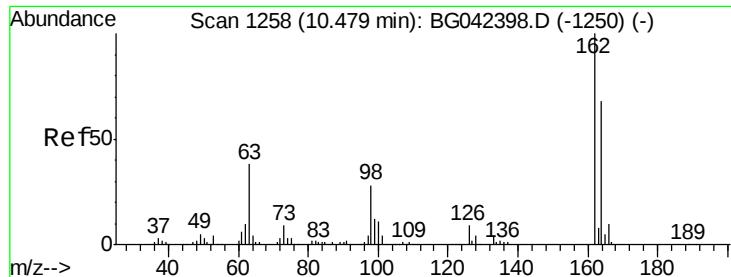


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

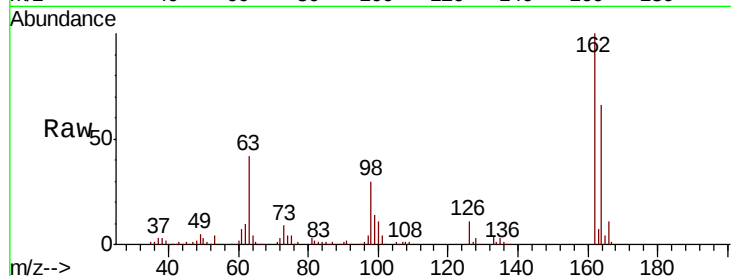




#29
2,4-Dichlorophenol
Concen: 47.838 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.1	88.1
98	30.3	7.6	47.6

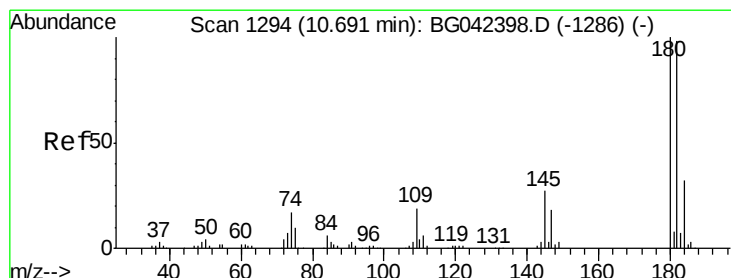
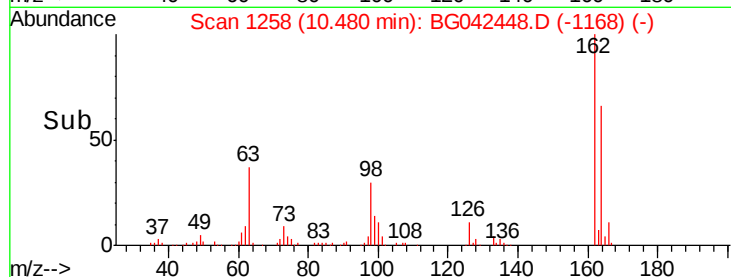
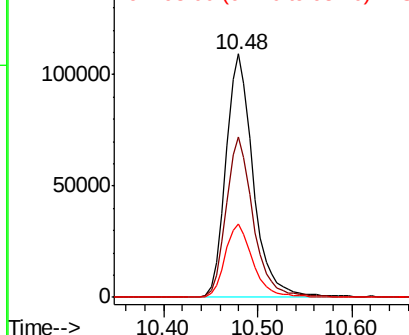


Abundance

Ion 162.00 (161.70 to 162.70): E

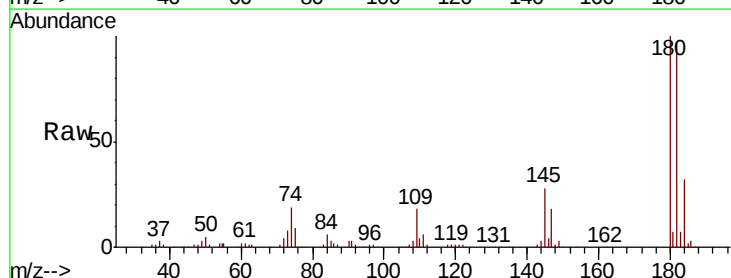
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.371 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.7	118.1
145	27.9	21.6	32.4

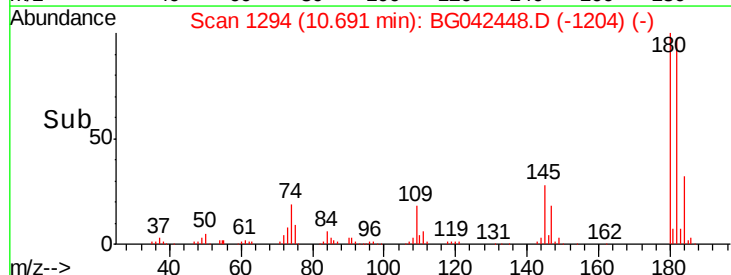
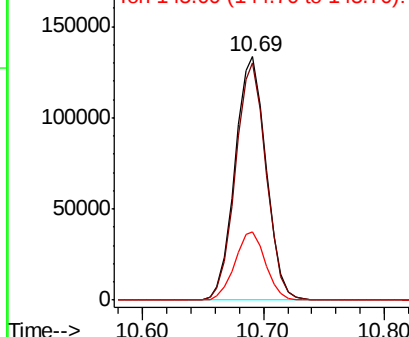


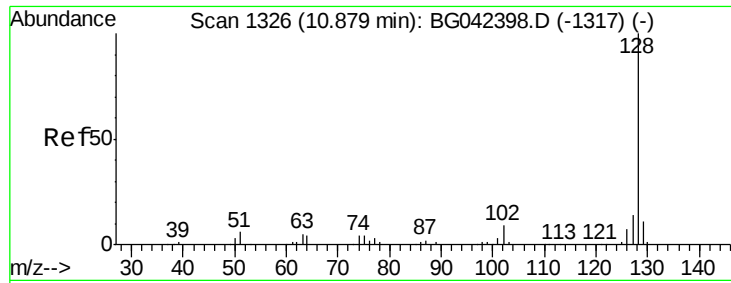
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

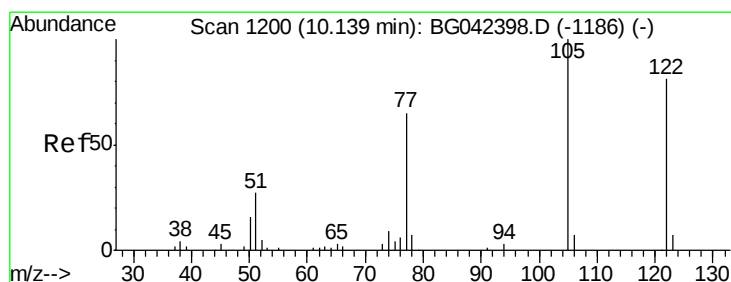
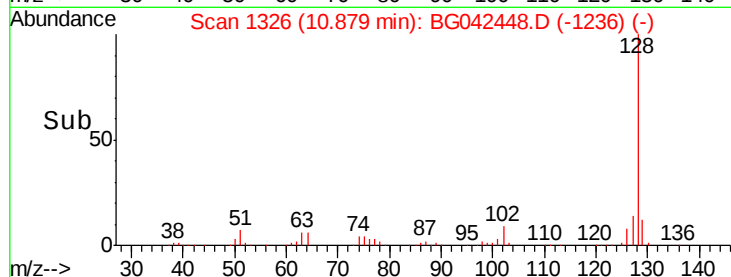
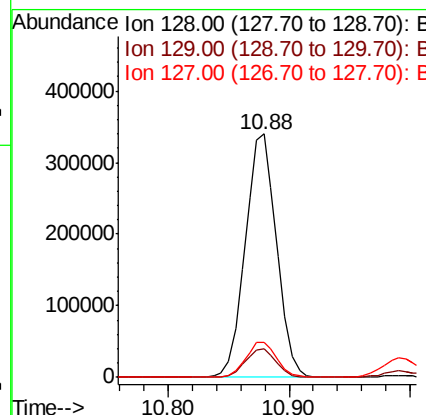
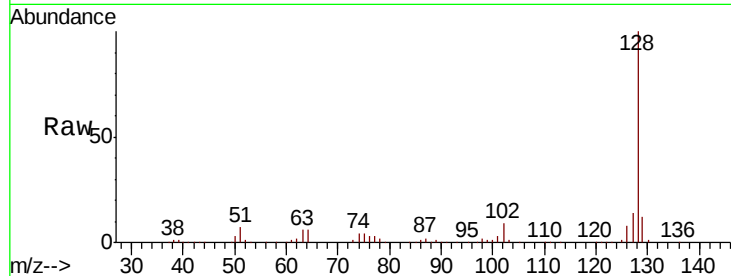




#31
Naphthalene
Concen: 47.409 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

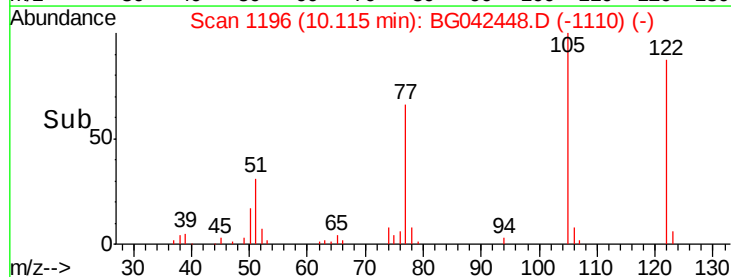
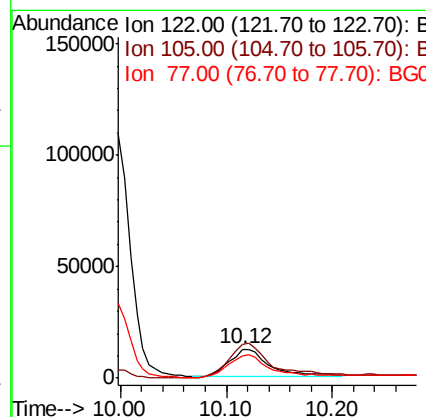
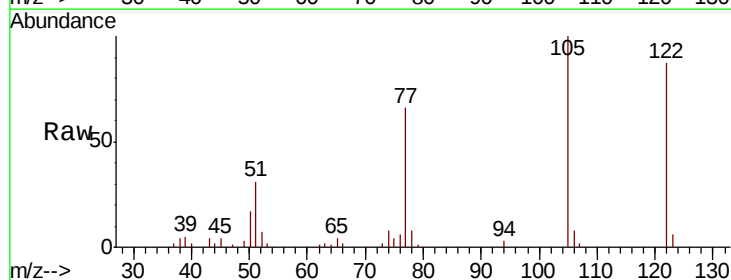
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion:128 Resp: 612685
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 18.590 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:122 Resp: 32092
Ion Ratio Lower Upper
122 100
105 115.2 99.6 139.6
77 76.1 59.5 99.5

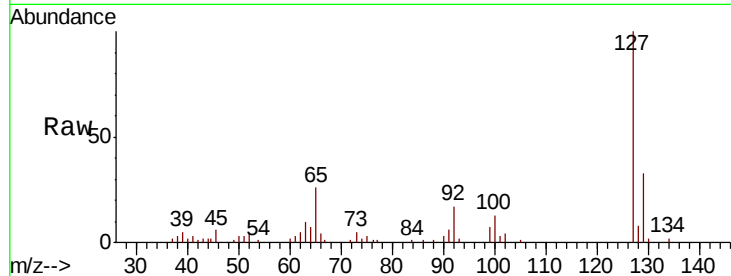




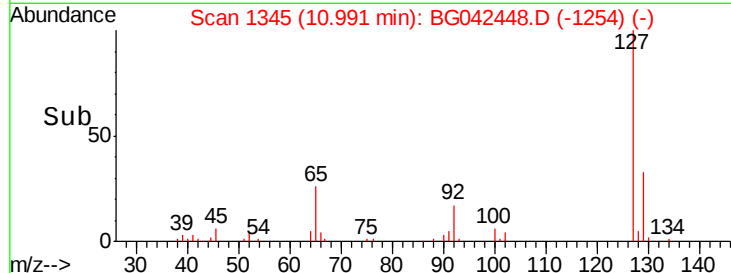
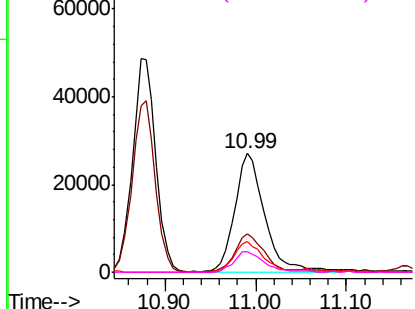
#33
4-Chloroaniline
Concen: 10.504 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion:	127	Resp:	62668
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.8	40.2
65	25.8	20.7	31.1
92	17.2	13.6	20.4

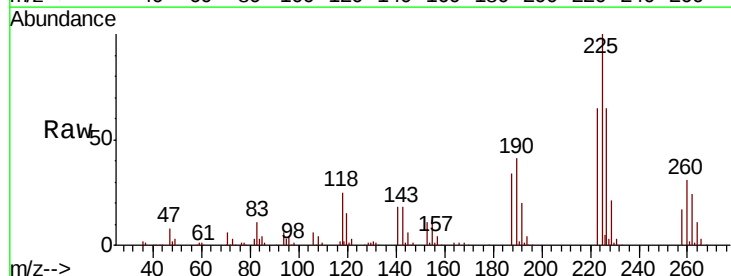


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

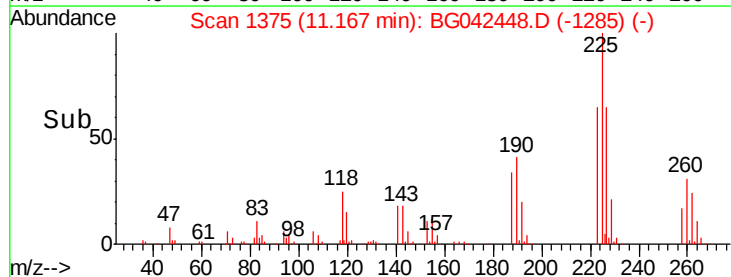
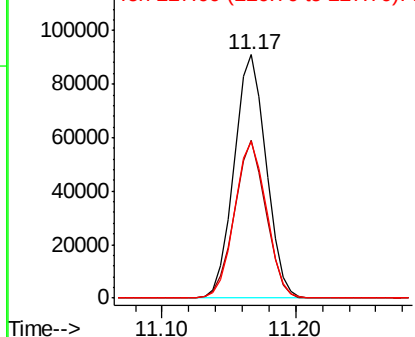


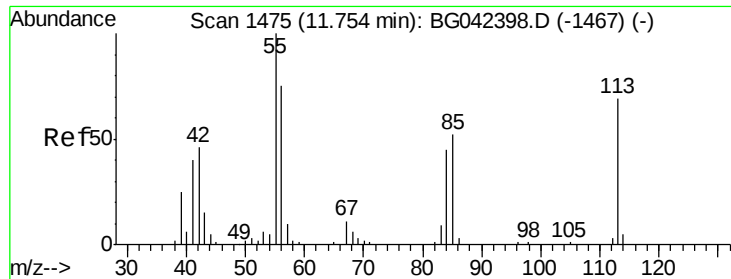
#34
Hexachlorobutadiene
Concen: 39.868 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:	225	Resp:	151513
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.8	74.6
227	64.6	50.9	76.3



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

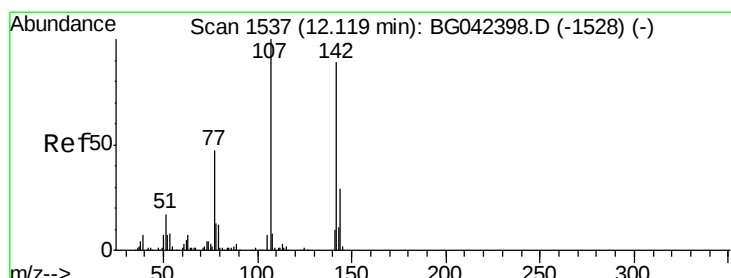
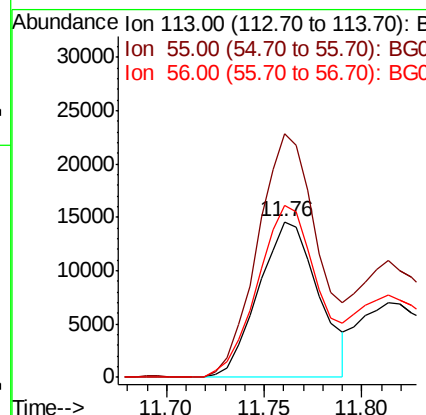
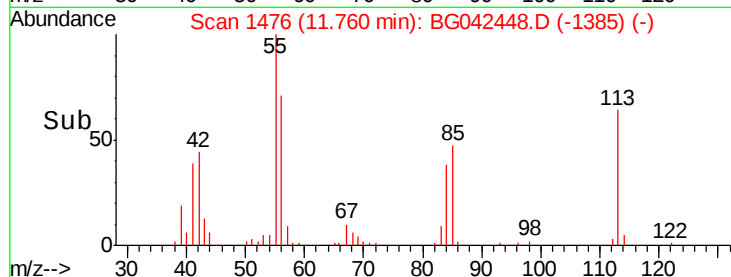
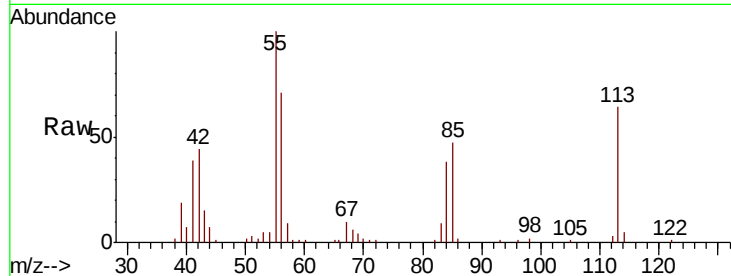




#35
 Caprolactam
 Concen: 20.137 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

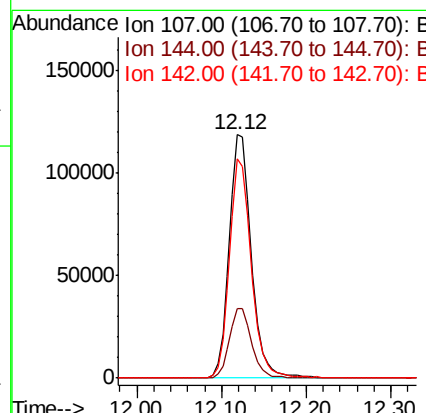
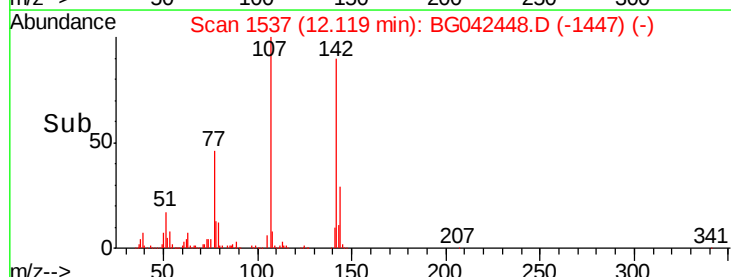
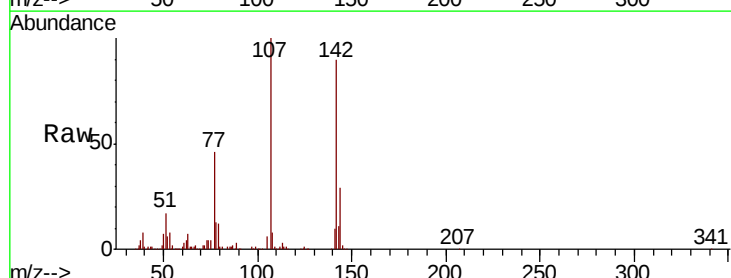
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

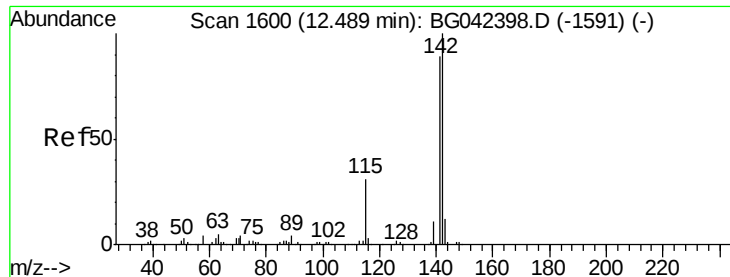
Tgt Ion:113 Resp: 30955
 Ion Ratio Lower Upper
 113 100
 55 156.8 124.6 164.6
 56 110.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.843 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion:107 Resp: 213606
 Ion Ratio Lower Upper
 107 100
 144 28.5 23.6 35.4
 142 89.8 71.0 106.4

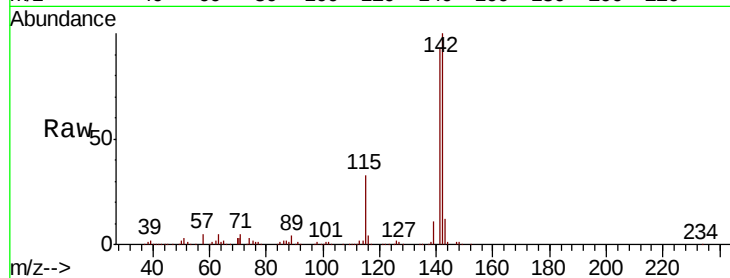




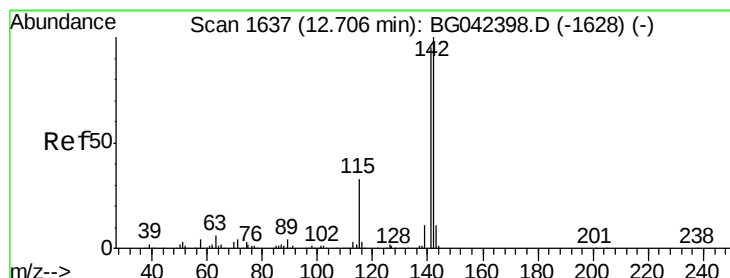
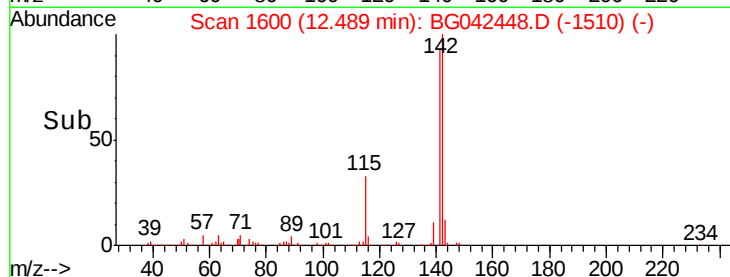
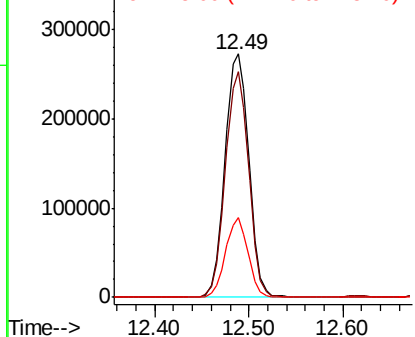
#37
 2-Methylnaphthalene
 Concen: 46.362 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.4	107.2
115	32.6	25.2	37.8

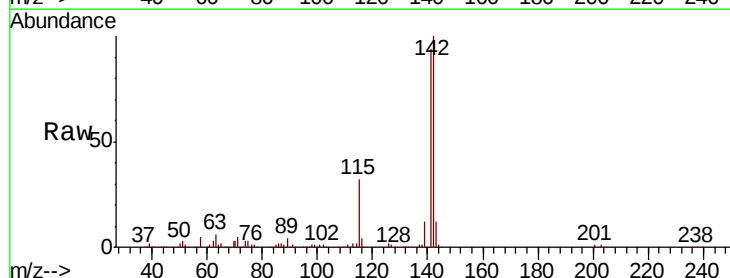


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

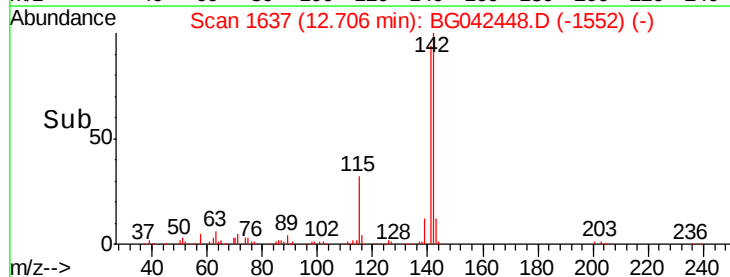
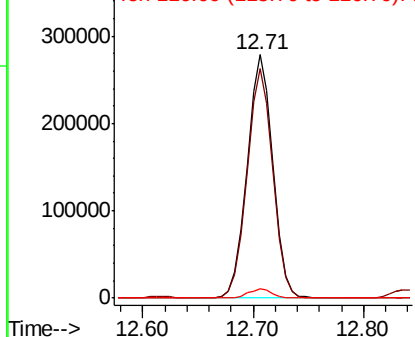


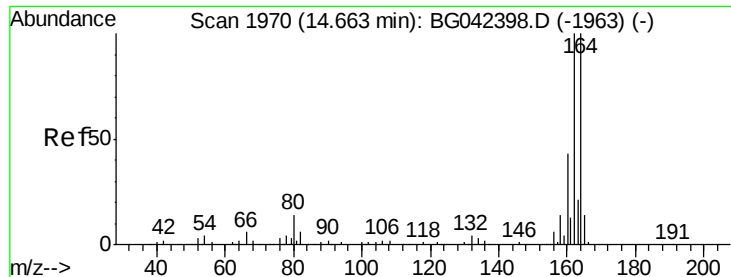
#38
 1-Methylnaphthalene
 Concen: 45.892 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.2	114.2
116	3.7	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

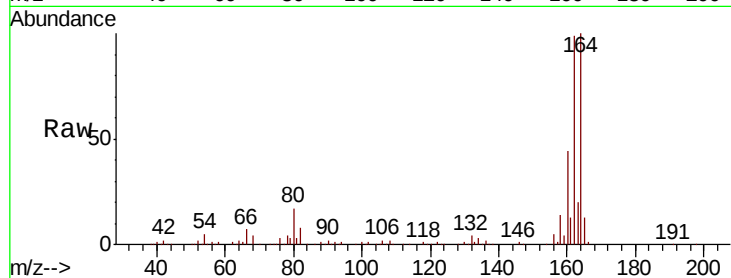
Tgt Ion:164 Resp: 195594

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

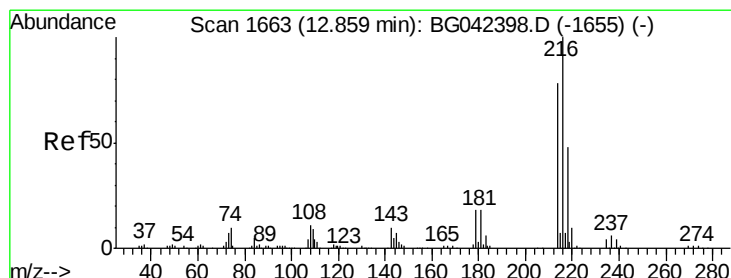
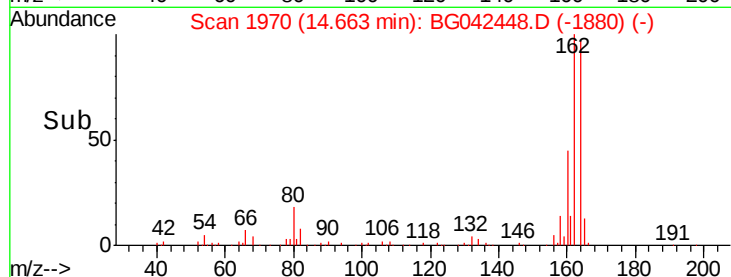
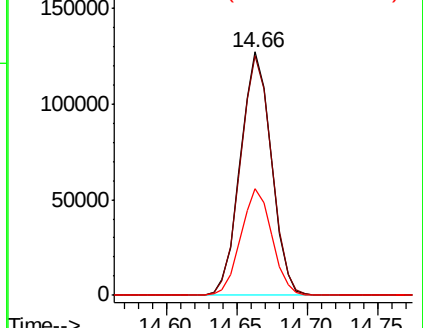
160 43.9 34.3 51.5



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: 46.183 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Tgt Ion:216 Resp: 290086

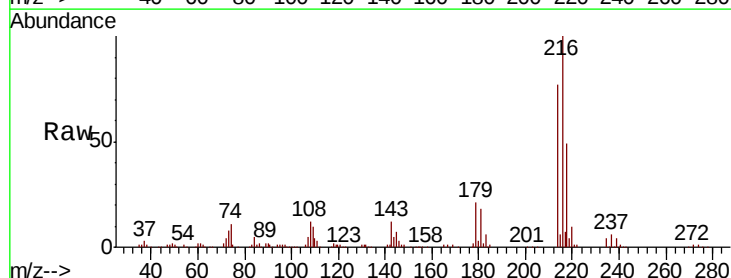
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 19.4 15.1 22.7

108 13.3 9.4 14.0

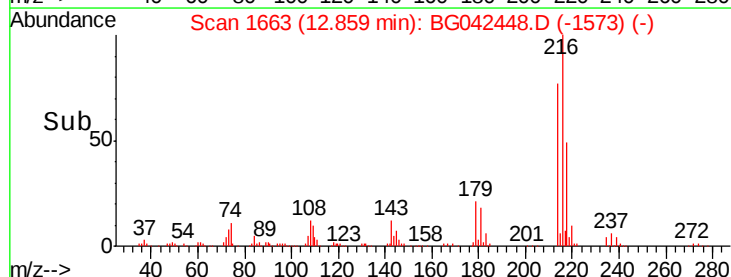
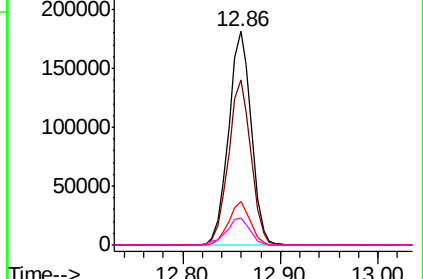


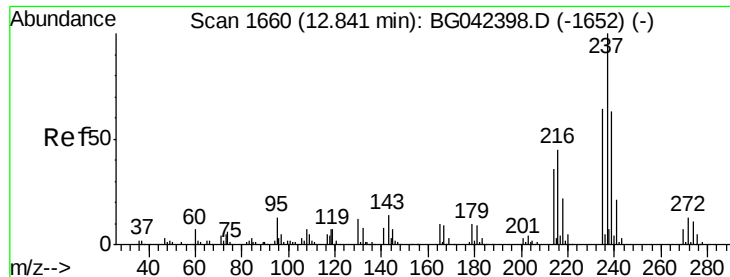
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.920 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

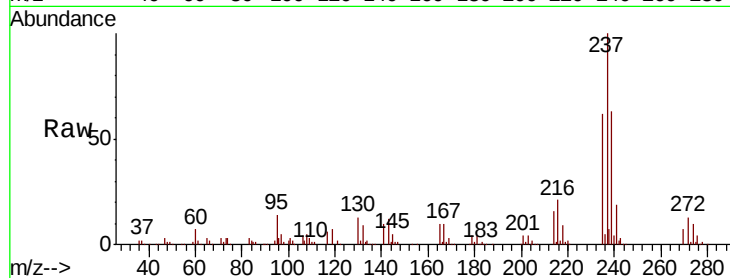
Tgt Ion: 237 Resp: 154809

Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

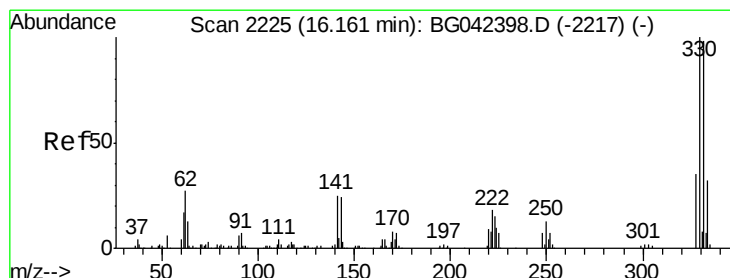
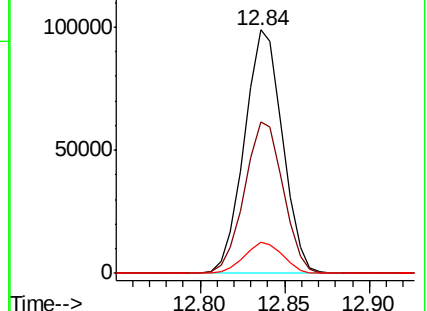
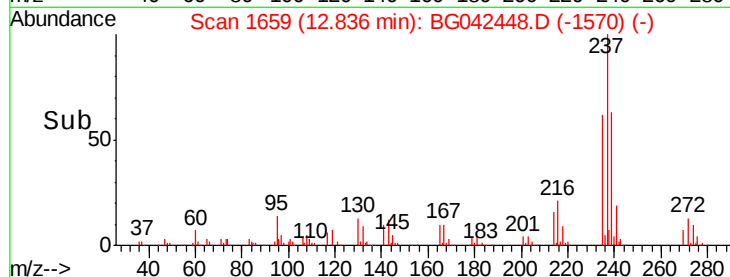
272 12.8 0.0 33.3



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: 121.216 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

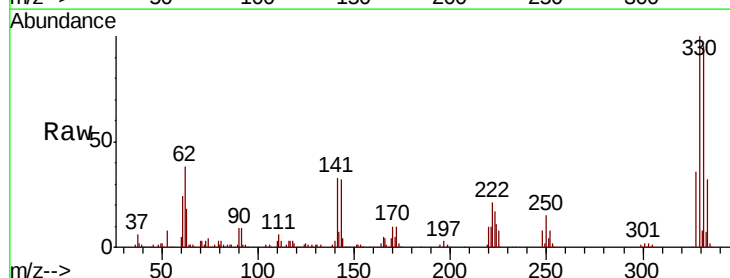
Tgt Ion: 330 Resp: 336985

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

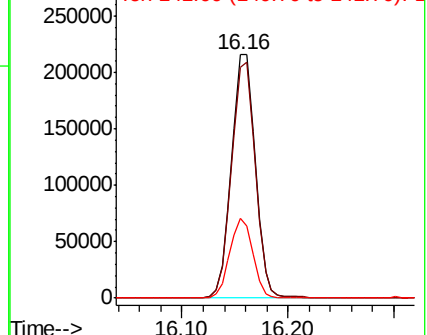
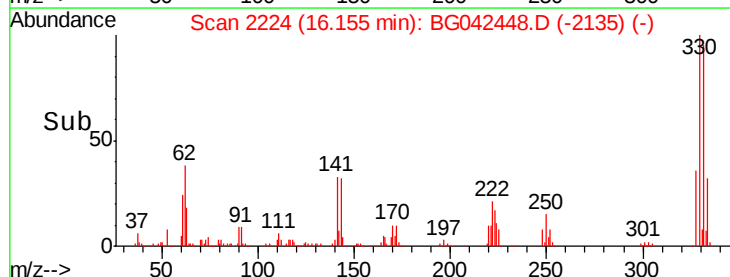
141 31.9 21.4 32.0



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

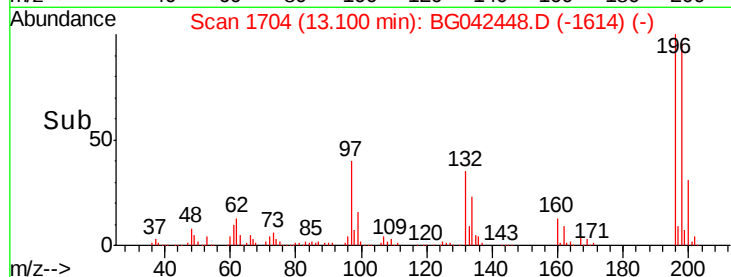
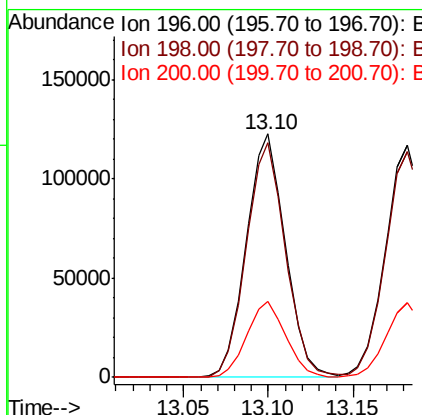
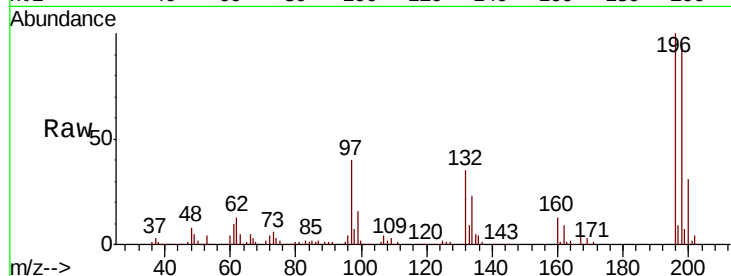




#43
 2,4,6-Trichlorophenol
 Concen: 46.515 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

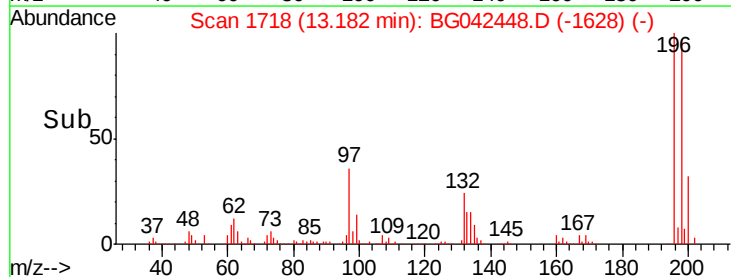
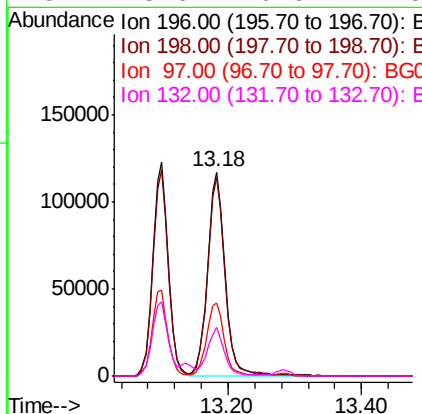
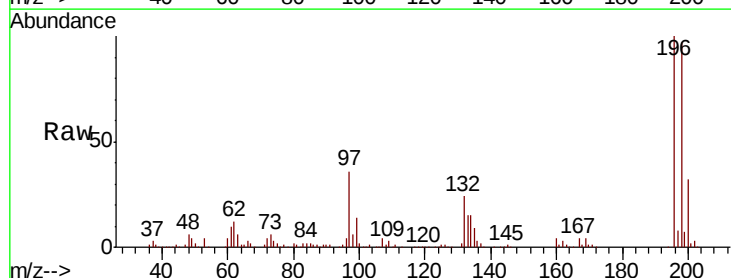
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion:196 Resp: 197490
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.7 121.1
 200 31.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.652 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion:196 Resp: 214055
 Ion Ratio Lower Upper
 196 100
 198 97.3 80.2 120.4
 97 35.6 26.3 39.5
 132 23.6 16.6 24.8

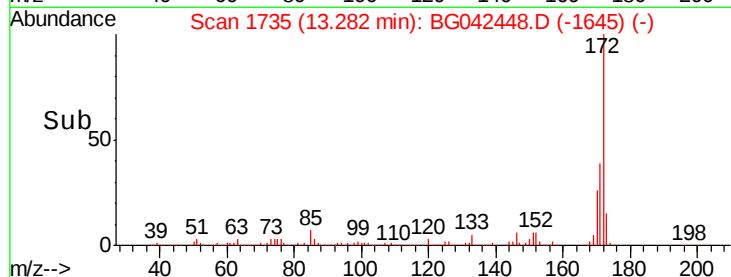
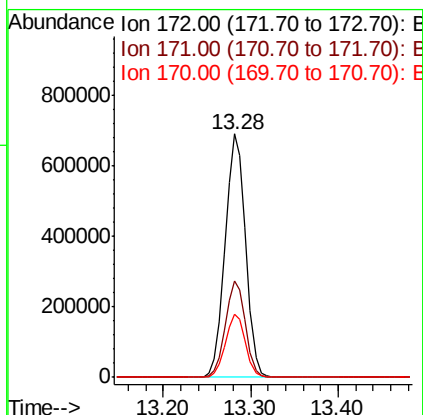
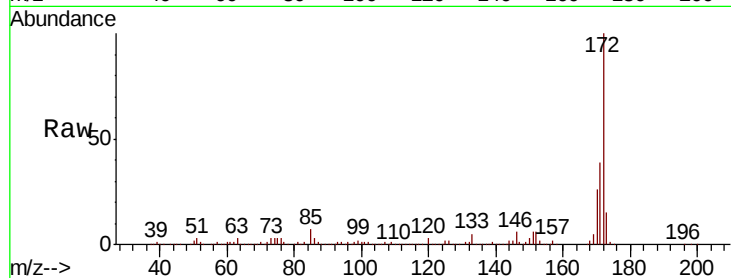




#45
2-Fluorobiphenyl
Concen: 95.659 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

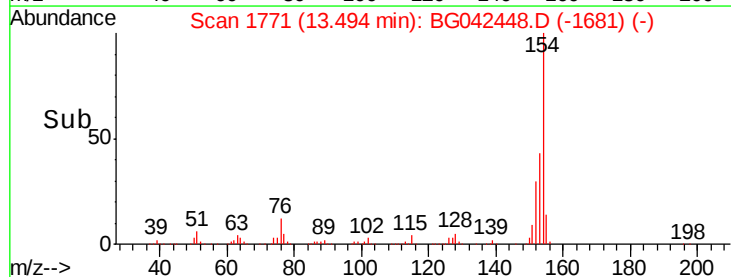
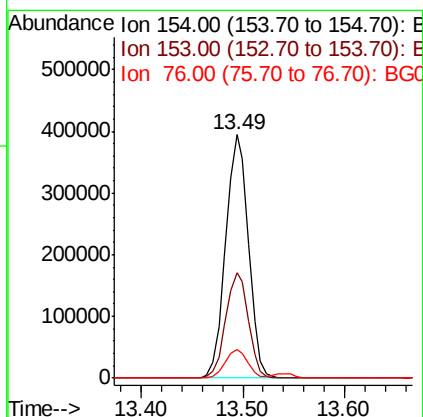
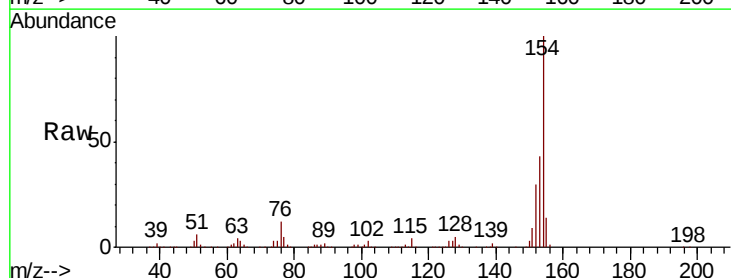
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

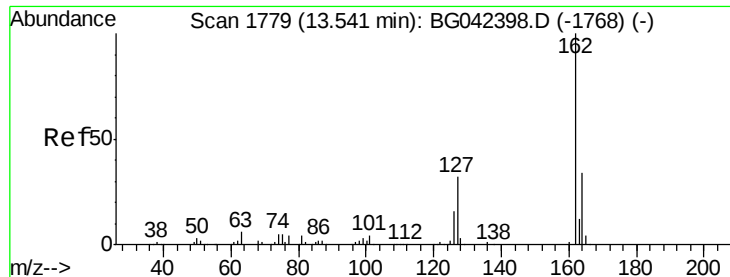
Tgt Ion:172 Resp: 1106284
Ion Ratio Lower Upper
172 100
171 39.5 30.5 45.7
170 26.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 48.401 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:154 Resp: 611951
Ion Ratio Lower Upper
154 100
153 43.5 23.0 63.0
76 11.9 0.0 29.6





#47

2-Chloronaphthalene

Concen: 45.953 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

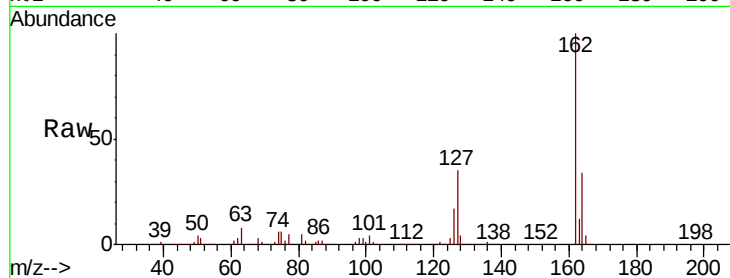
Tgt Ion: 162 Resp: 500975

Ion Ratio Lower Upper

162 100

127 35.0 26.0 39.0

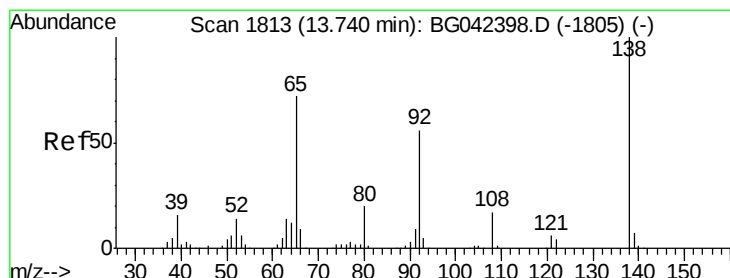
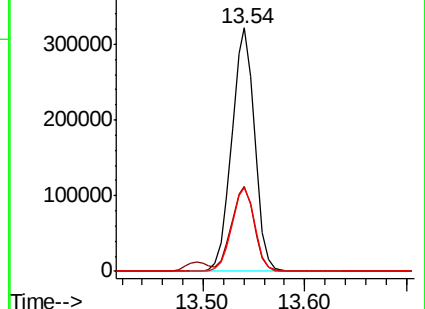
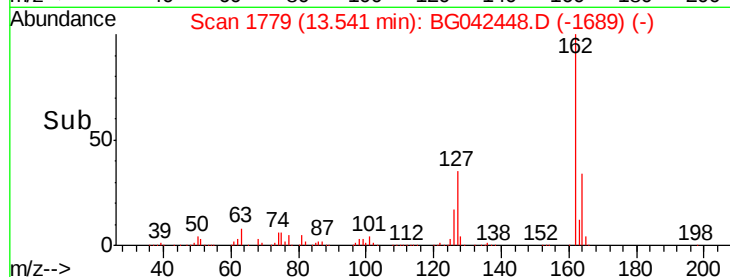
164 34.4 27.4 41.0



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: 50.791 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

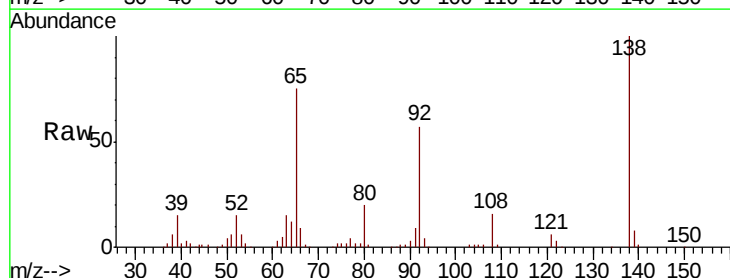
Tgt Ion: 65 Resp: 133526

Ion Ratio Lower Upper

65 100

92 76.5 61.8 92.6

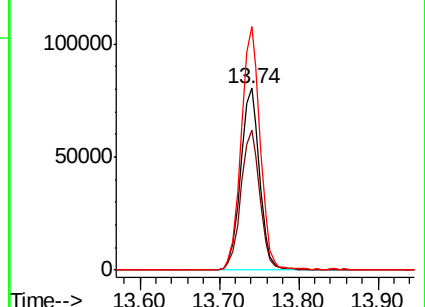
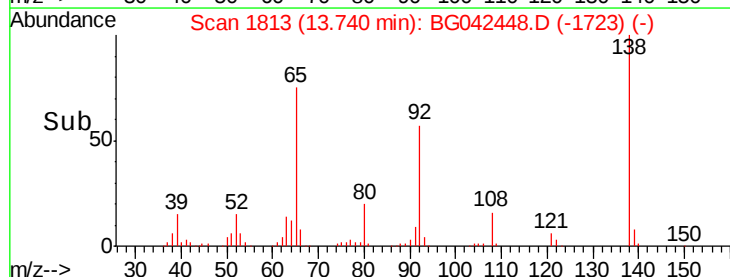
138 133.8 111.0 166.6

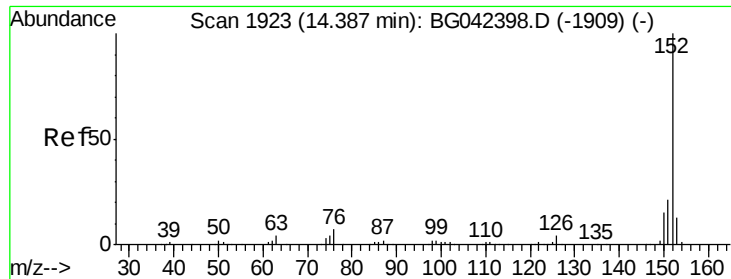


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.739 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

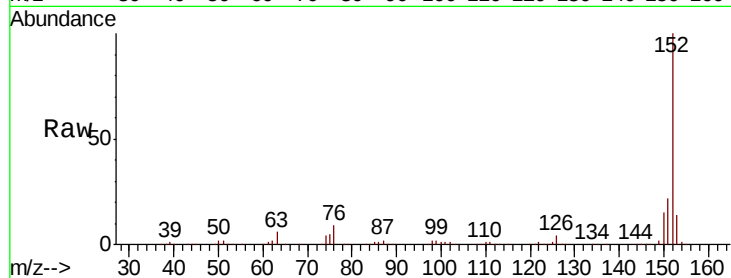
Tgt Ion:152 Resp: 799397

Ion Ratio Lower Upper

152 100

151 22.3 17.0 25.4

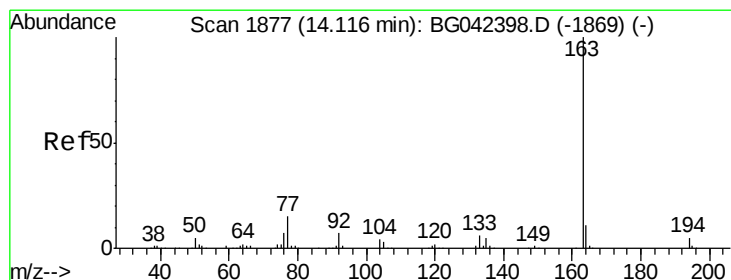
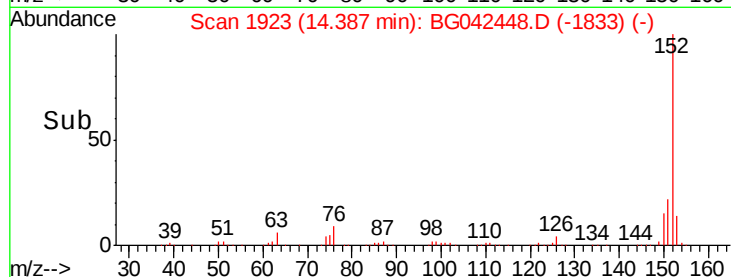
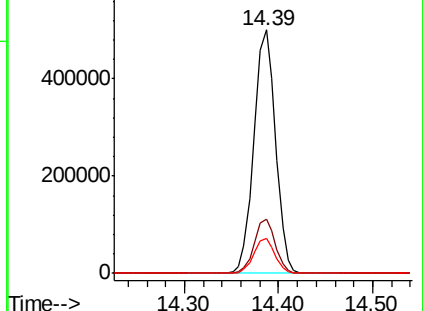
153 14.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.976 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

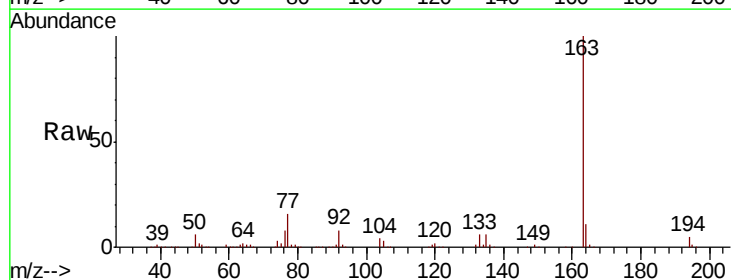
Tgt Ion:163 Resp: 662960

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

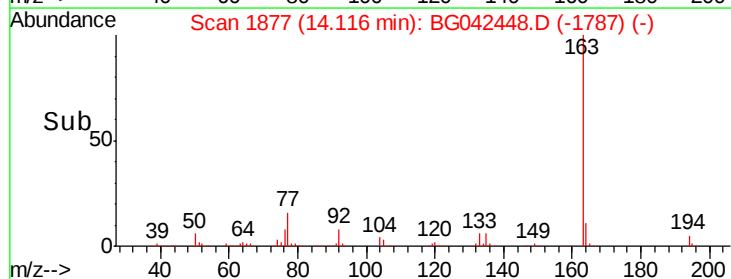
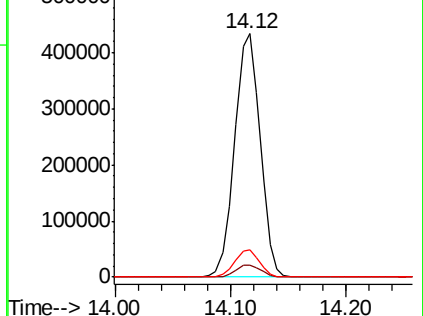
164 11.2 8.8 13.2

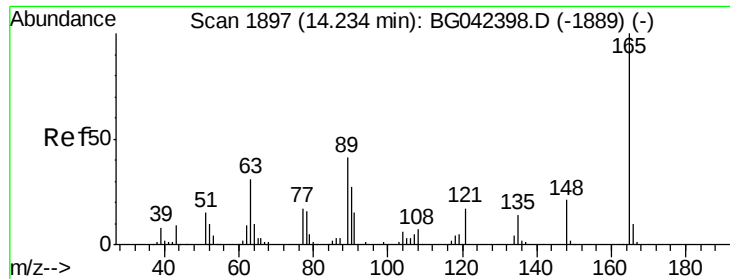


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

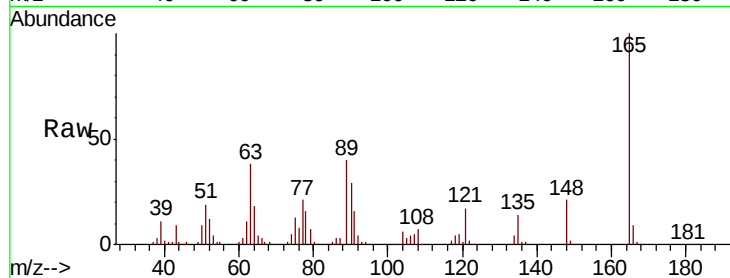




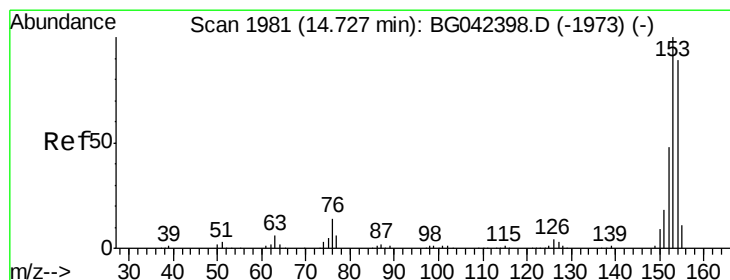
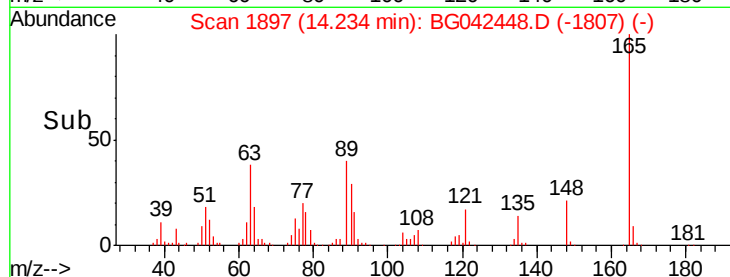
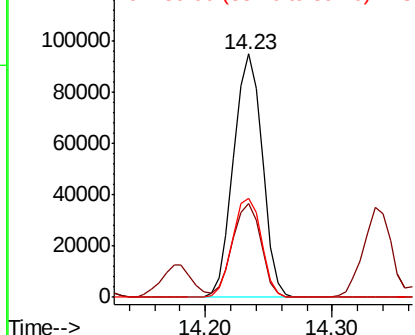
#51
 2,6-Dinitrotoluene
 Concen: 45.706 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.5	30.6	45.8
89	40.5	32.6	49.0

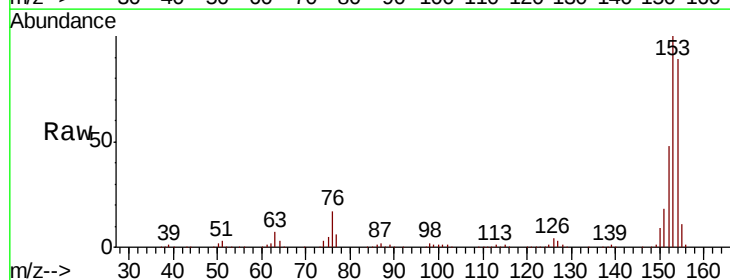


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

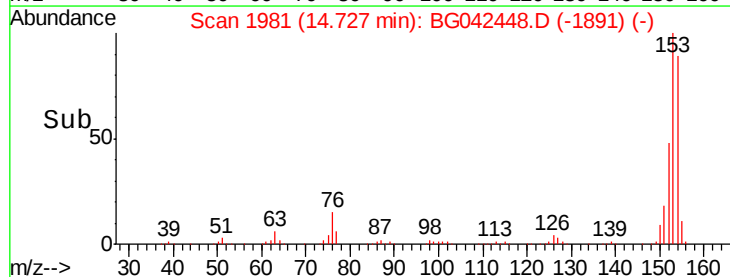
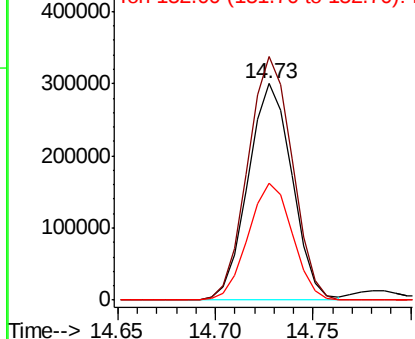


#52
 Acenaphthene
 Concen: 47.133 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.4
152	54.2	43.2	64.8



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: 34.446 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

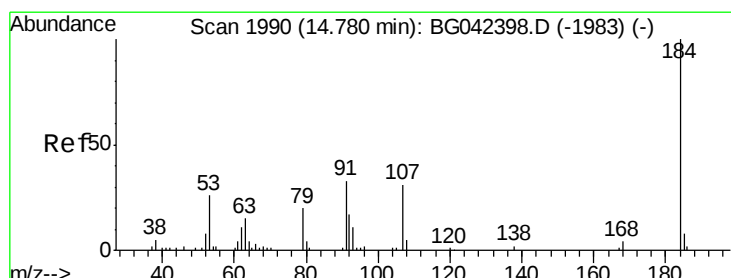
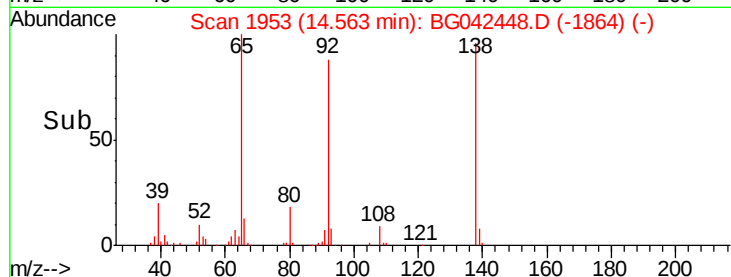
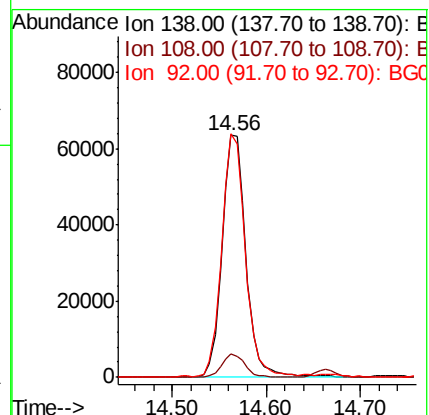
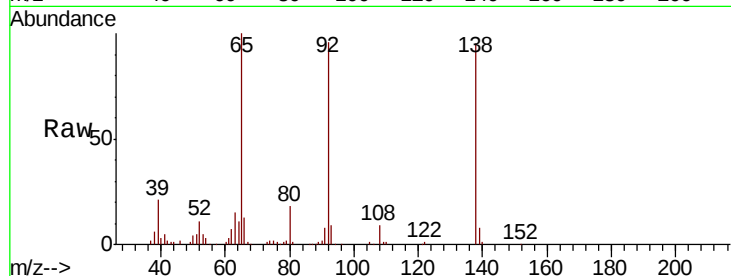
Tgt Ion:138 Resp: 112693

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

92 100.6 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 29.140 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

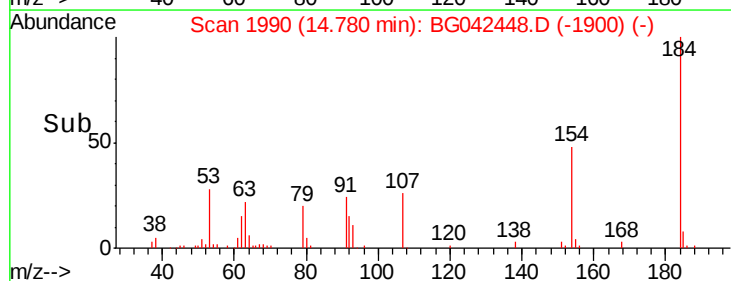
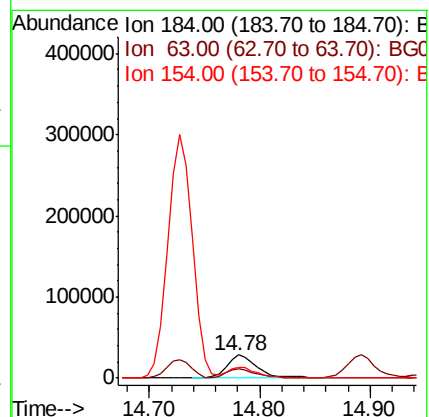
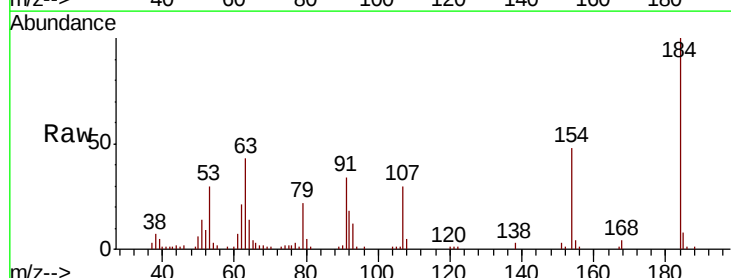
Tgt Ion:184 Resp: 54734

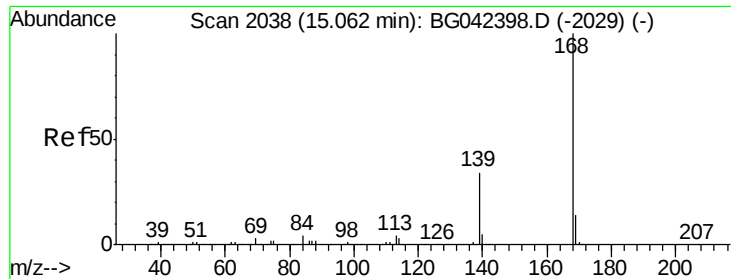
Ion Ratio Lower Upper

184 100

63 43.2 31.7 47.5

154 48.3 42.0 63.0





#55

Dibenzenofuran

Concen: 47.361 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

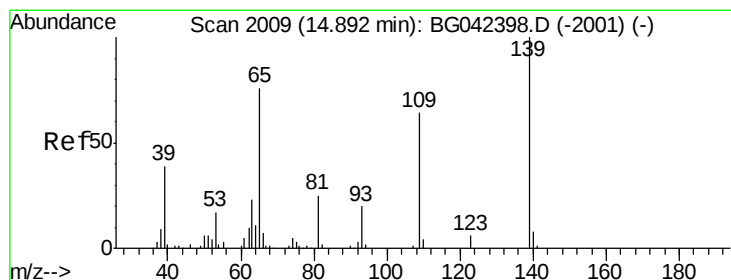
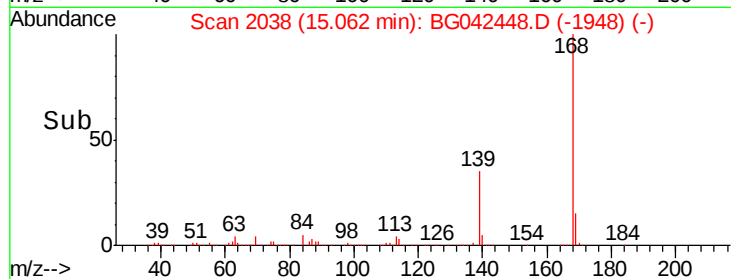
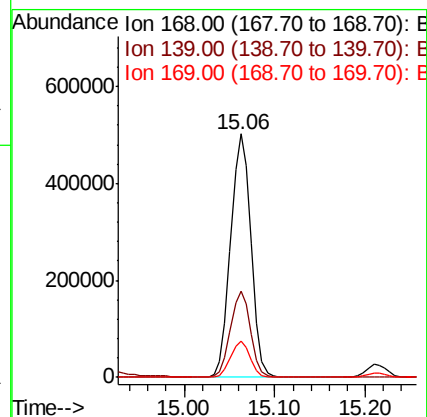
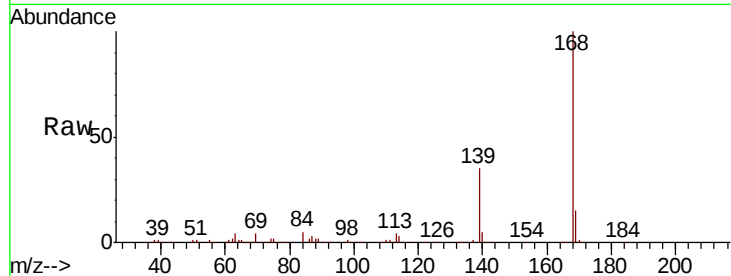
Tgt Ion:168 Resp: 780766

Ion Ratio Lower Upper

168 100

139 35.2 27.2 40.8

169 14.8 11.5 17.3



#56

4-Nitrophenol

Concen: 103.521 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

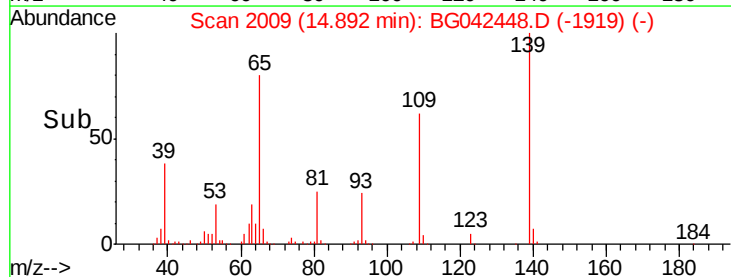
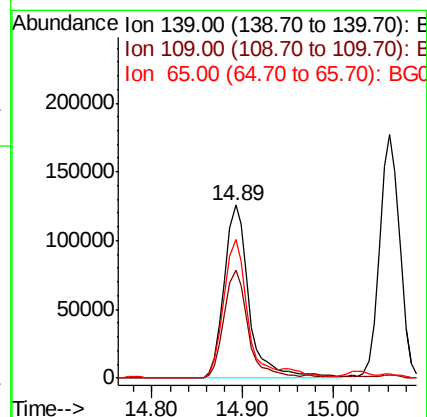
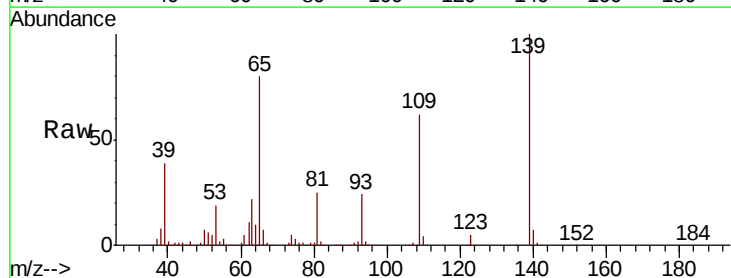
Tgt Ion:139 Resp: 240654

Ion Ratio Lower Upper

139 100

109 62.3 43.9 83.9

65 80.2 56.3 96.3

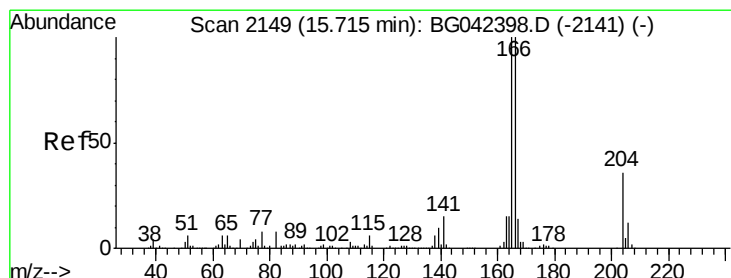
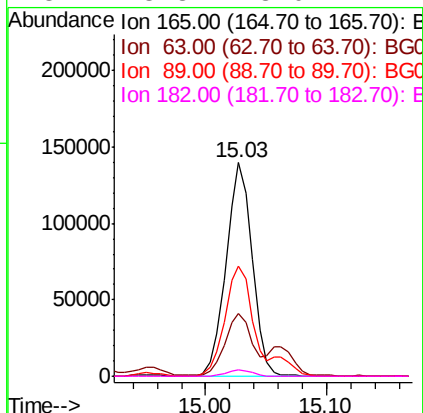
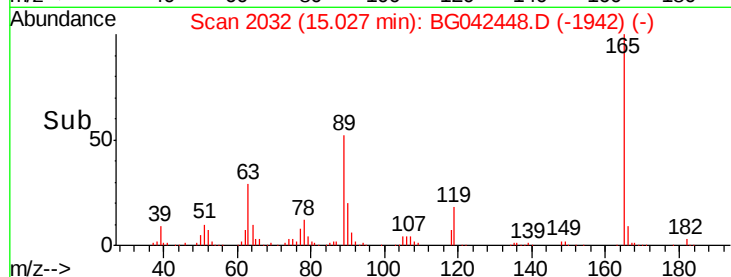
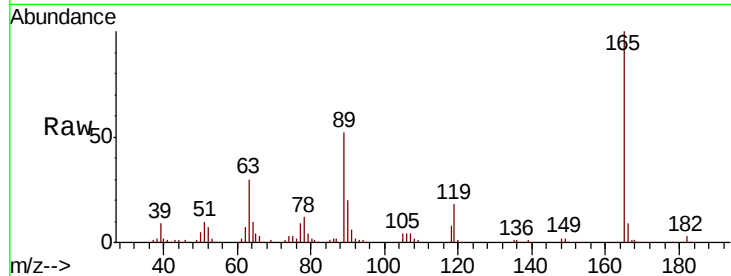




#57
 2,4-Dinitrotoluene
 Concen: 44.637 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

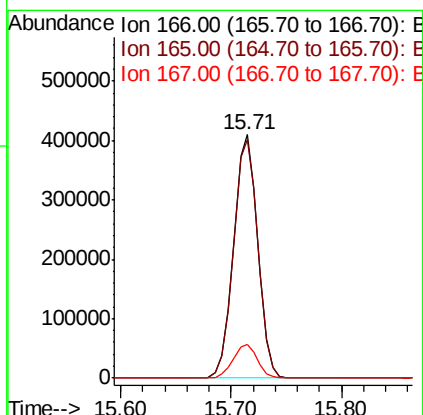
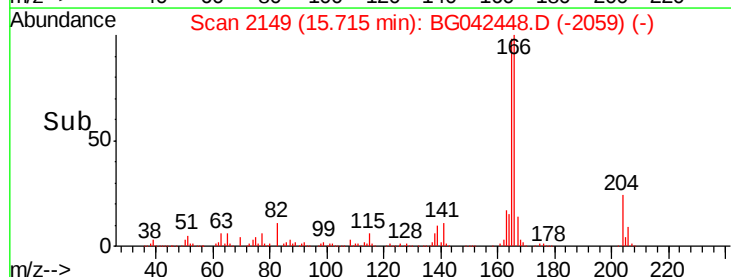
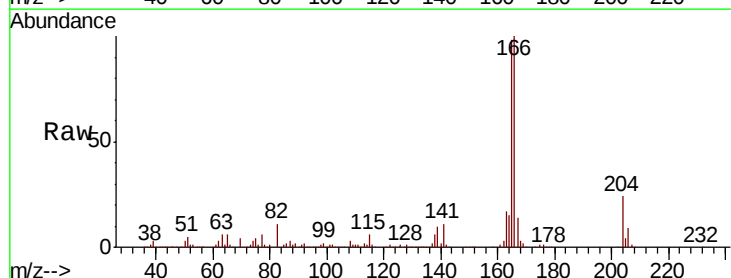
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion:	165	Resp:	209098
Ion	Ratio	Lower	Upper
165	100		
63	29.5	22.5	33.7
89	51.7	37.8	56.6
182	3.3	3.0	4.4



#58
 Fluorene
 Concen: 46.437 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion:	166	Resp:	625779
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	14.0	10.9	16.3

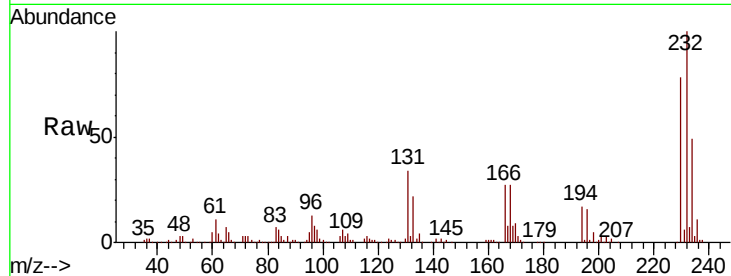




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.103 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

Tgt Ion:	232	Resp:	200595
Ion	Ratio	Lower	Upper
232	100		
131	35.1	22.9	34.3#
130	1.7	1.4	2.0
166	27.1	17.0	25.4#



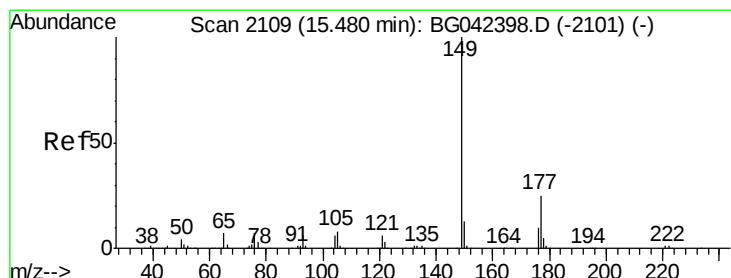
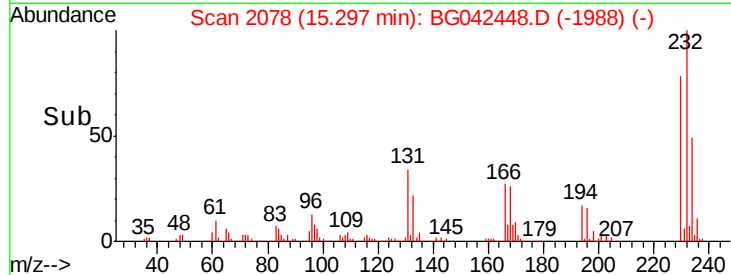
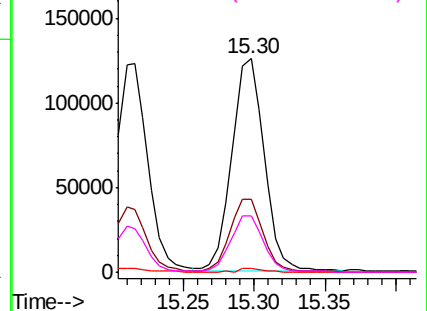
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

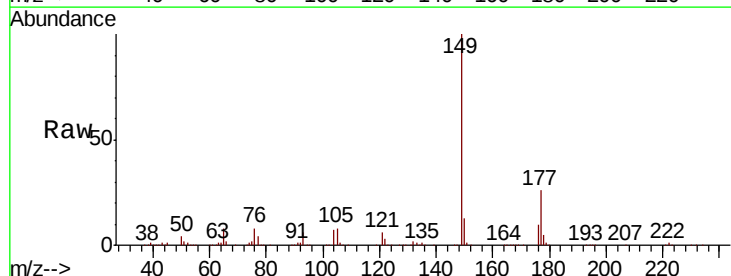
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.756 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion:	149	Resp:	617463
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.4	30.6
150	13.4	10.3	15.5

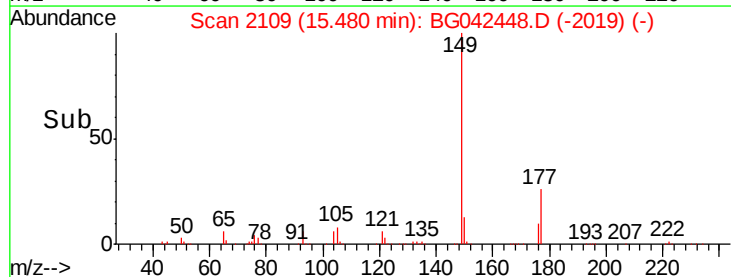
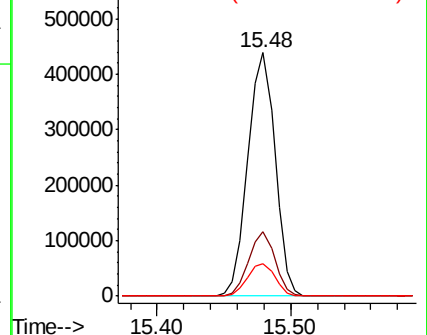


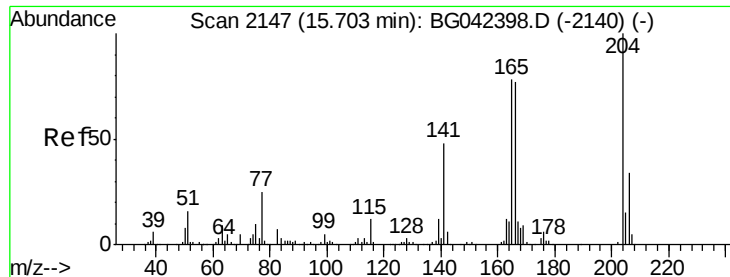
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

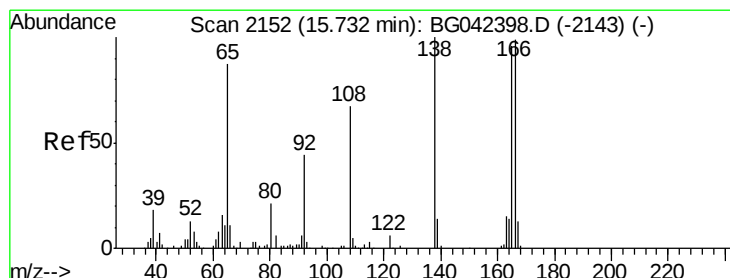
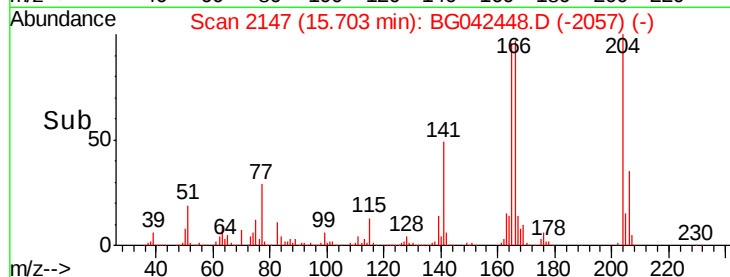
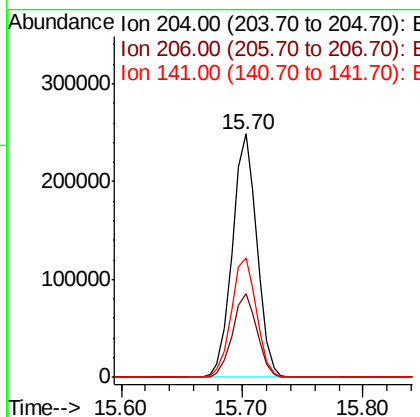
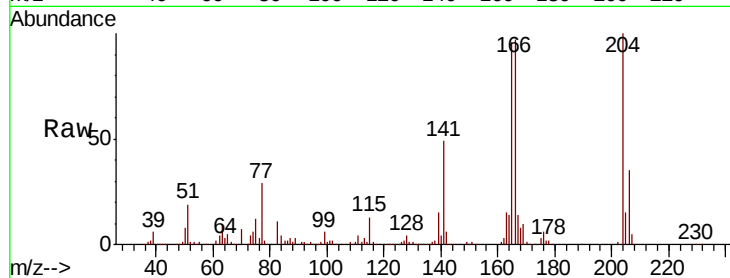




#61
 4-Chlorophenyl-phenylether
 Concen: 43.360 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

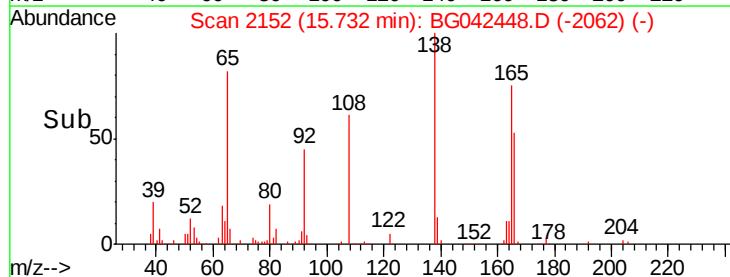
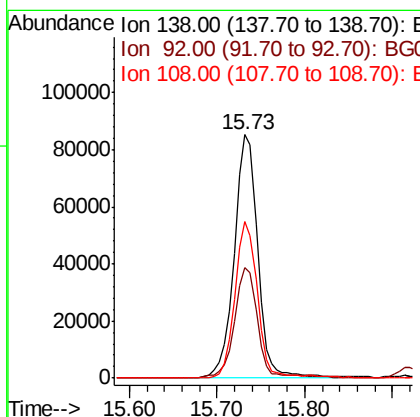
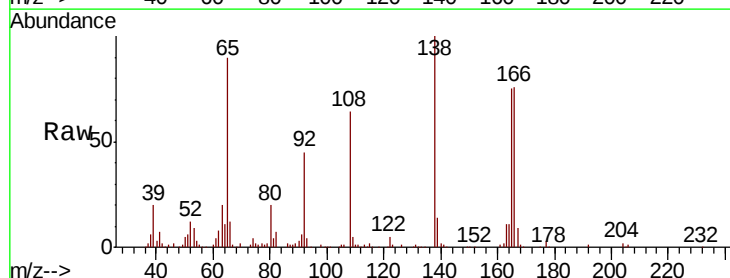
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

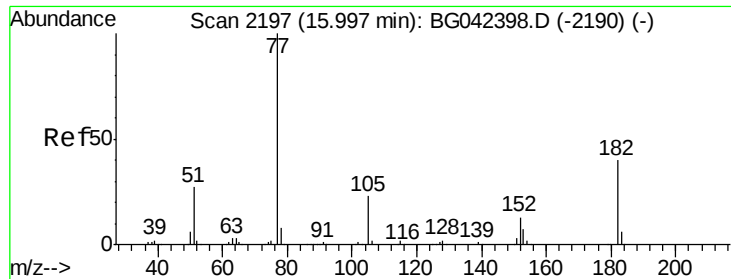
Tgt Ion: 204 Resp: 352232
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.2 40.8
 141 49.3 38.7 58.1



#62
 4-Nitroaniline
 Concen: 44.158 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion: 138 Resp: 154615
 Ion Ratio Lower Upper
 138 100
 92 45.2 24.2 64.2
 108 64.3 46.8 86.8





#63

Azobenzene

Concen: 51.443 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

Tgt Ion: 77 Resp: 486312

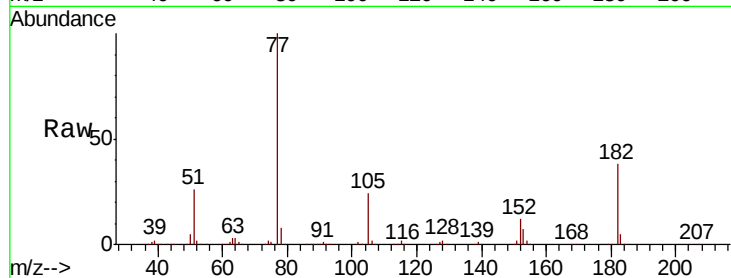
Ion Ratio Lower Upper

77 100

182 38.5 19.9 59.9

105 23.7 2.9 42.9

51 26.0 7.6 47.6

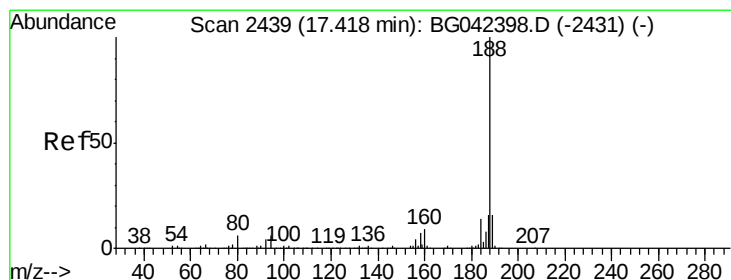
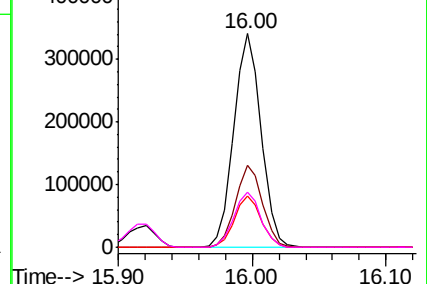
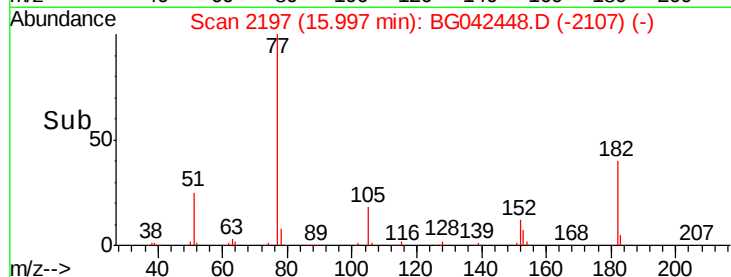


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

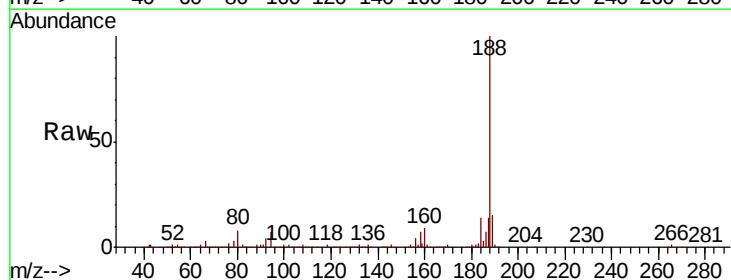
Tgt Ion: 188 Resp: 430565

Ion Ratio Lower Upper

188 100

94 7.2 4.5 6.7#

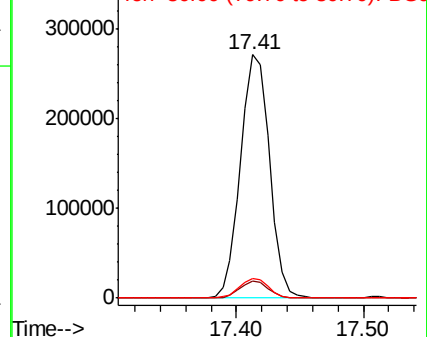
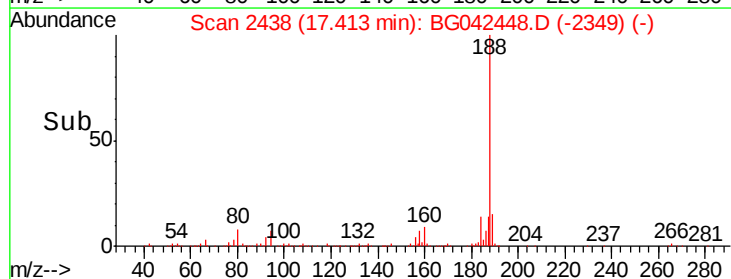
80 8.3 4.9 7.3#

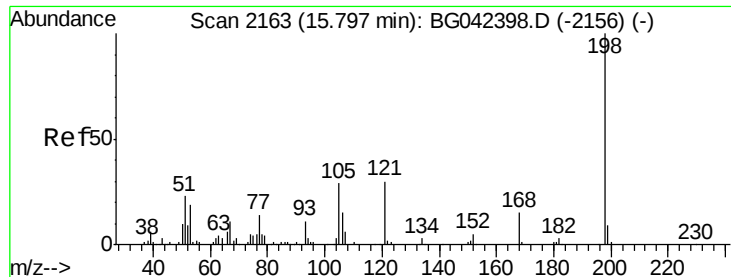


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 19.188 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

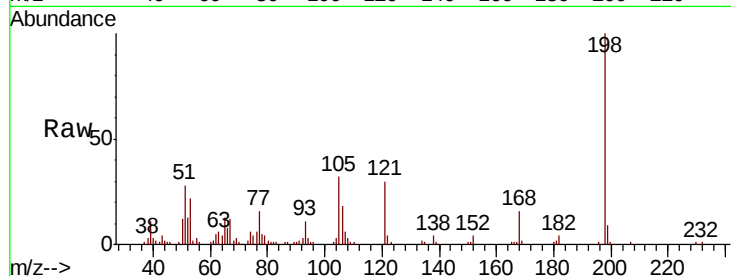
Tgt Ion:198 Resp: 51798

Ion Ratio Lower Upper

198 100

51 28.1 4.2 44.2

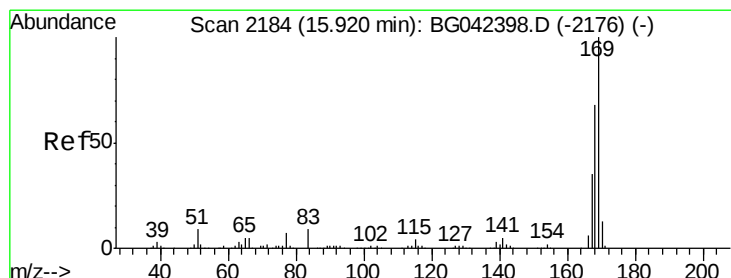
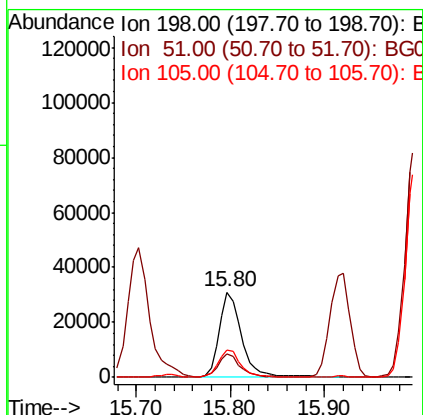
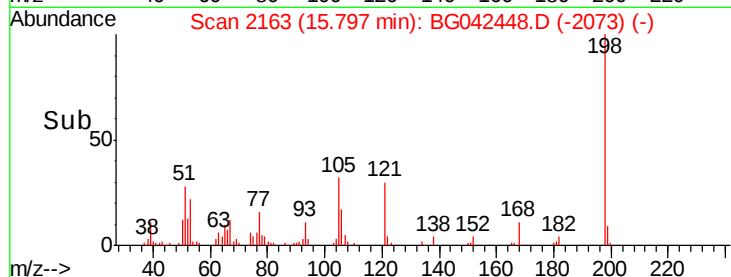
105 31.9 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.825 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

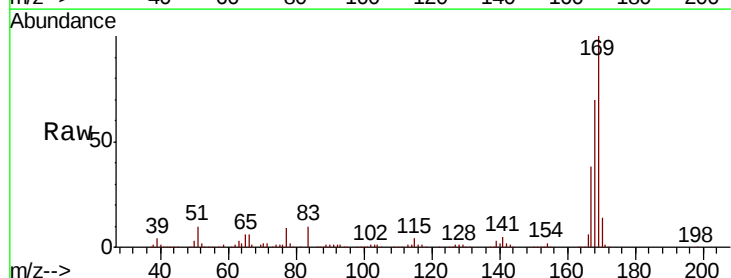
Tgt Ion:169 Resp: 578131

Ion Ratio Lower Upper

169 100

168 70.2 54.3 81.5

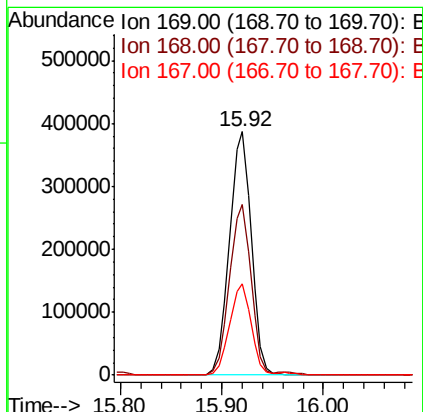
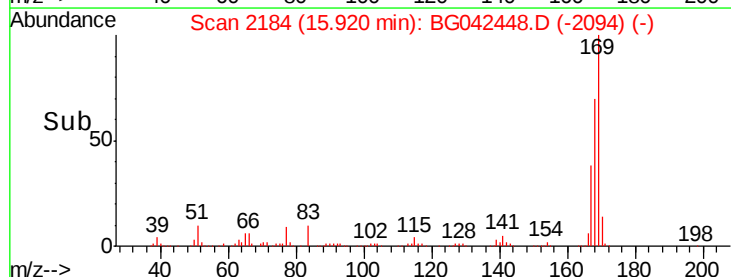
167 37.6 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

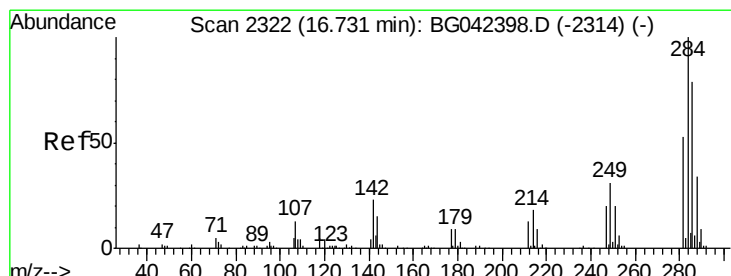
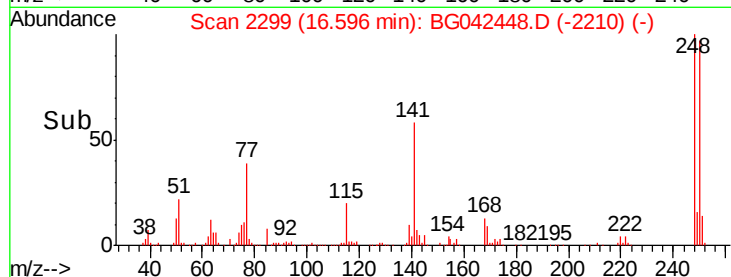
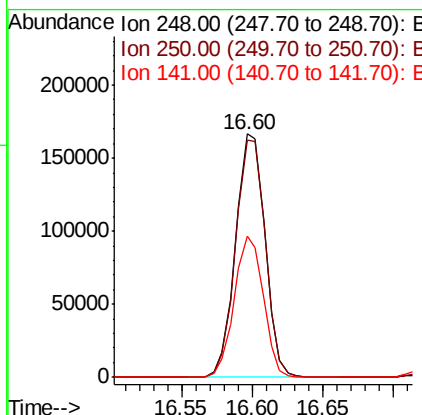
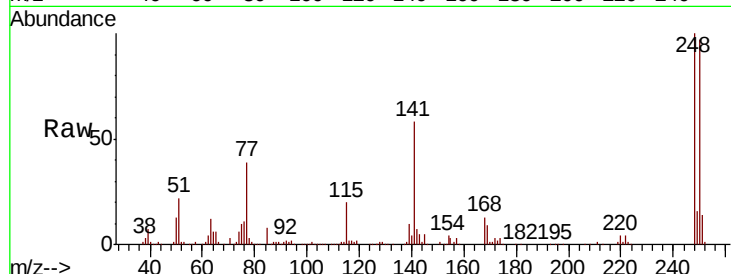




#67
 4-Bromophenyl-phenylether
 Concen: 44.473 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

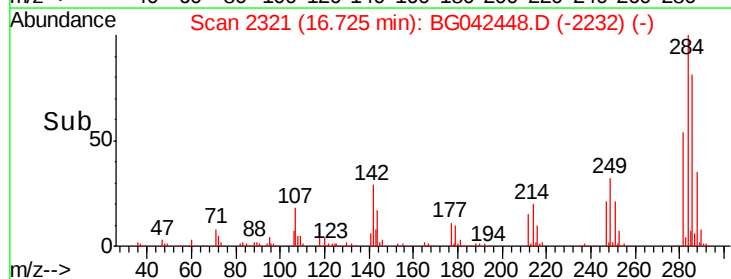
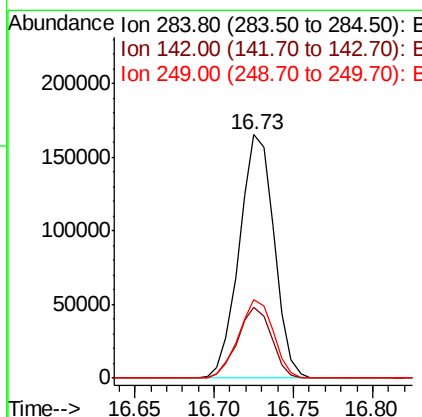
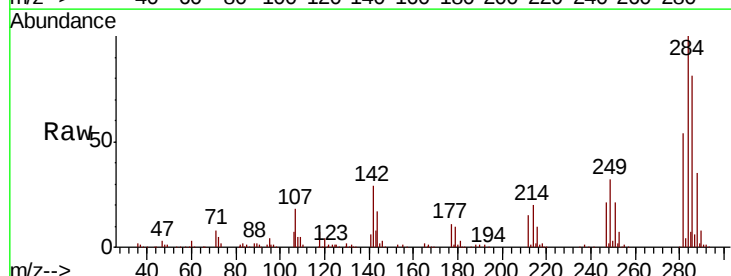
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MS

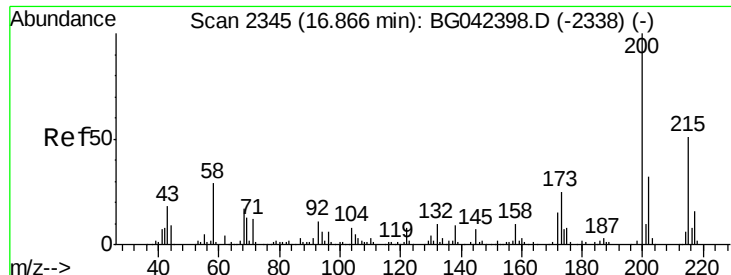
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.9	118.3
141	57.9	43.3	64.9



#68
 Hexachlorobenzene
 Concen: 42.397 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042448.D
 Acq: 24 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	18.2	27.4#
249	32.4	25.0	37.4





#69

Atrazine

Concen: 50.839 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

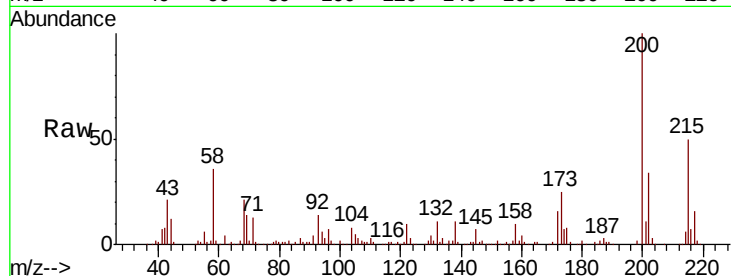
Tgt Ion:200 Resp: 212876

Ion Ratio Lower Upper

200 100

173 25.3 4.9 44.9

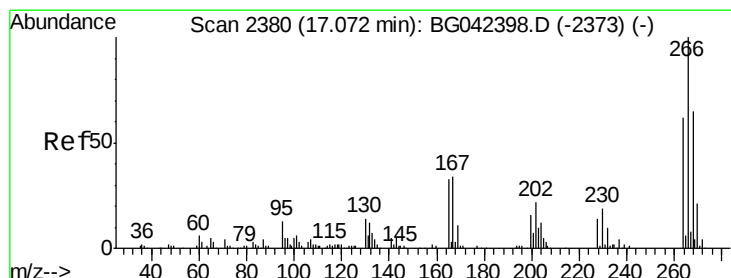
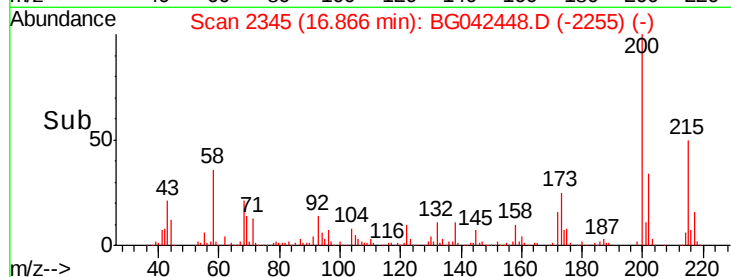
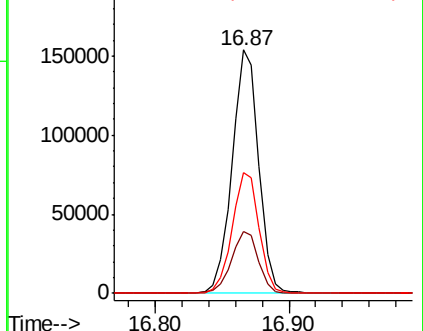
215 49.7 30.7 70.7



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: 84.505 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

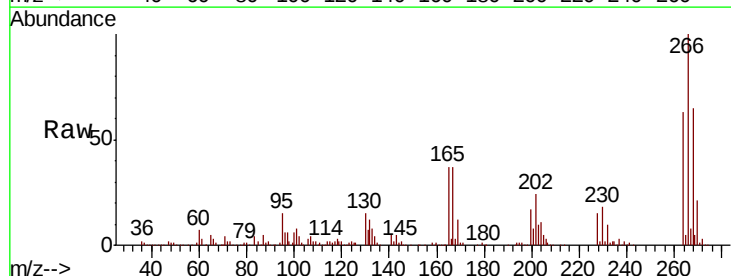
Tgt Ion:266 Resp: 260677

Ion Ratio Lower Upper

266 100

268 64.7 52.1 78.1

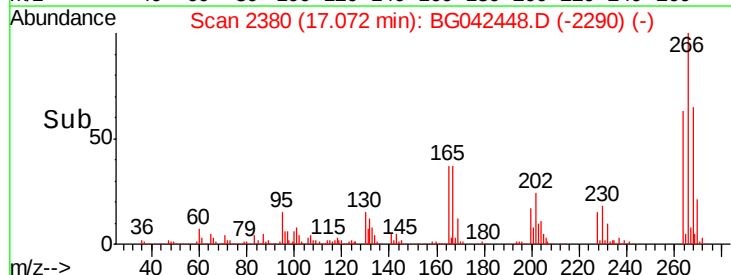
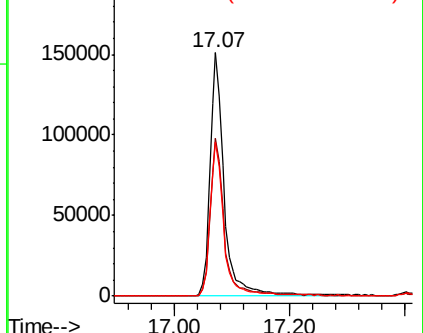
264 63.5 49.4 74.2



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

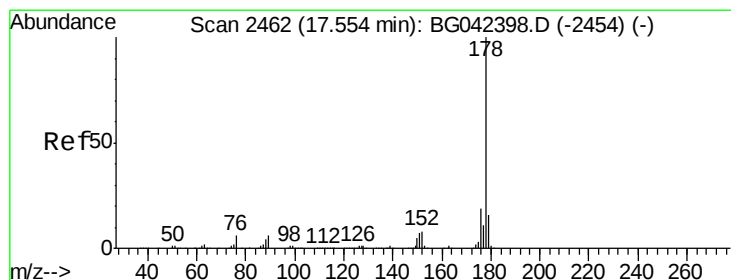
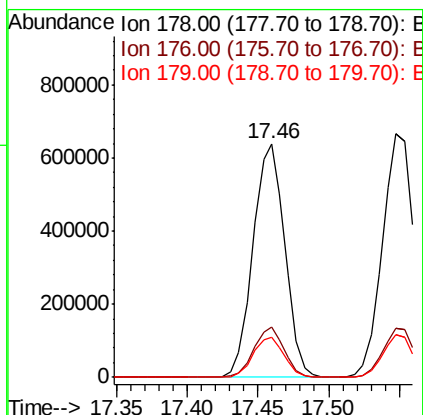
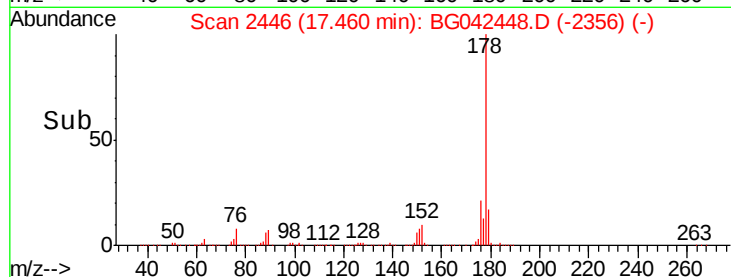
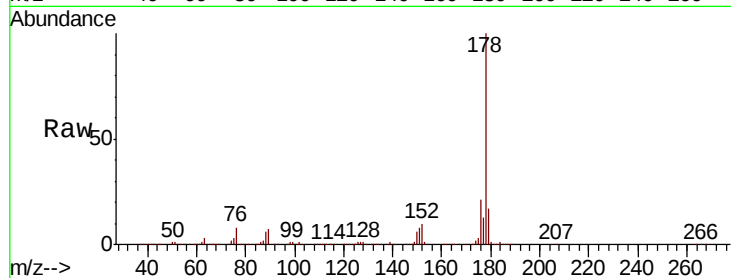




#71
Phenanthrene
Concen: 47.354 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

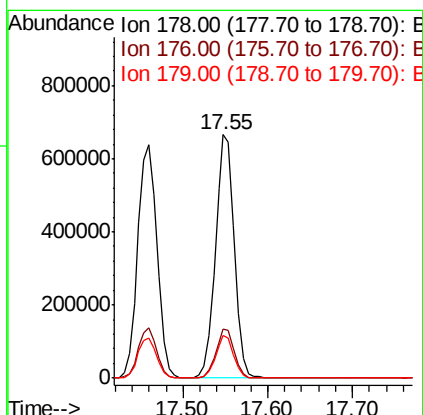
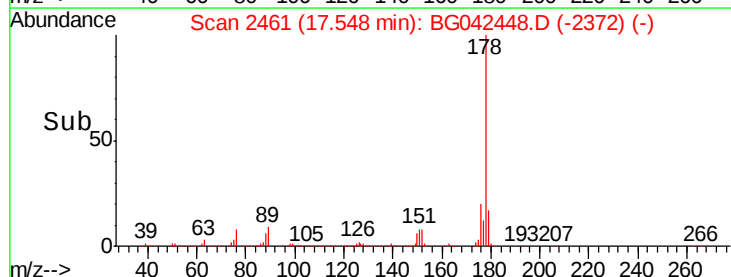
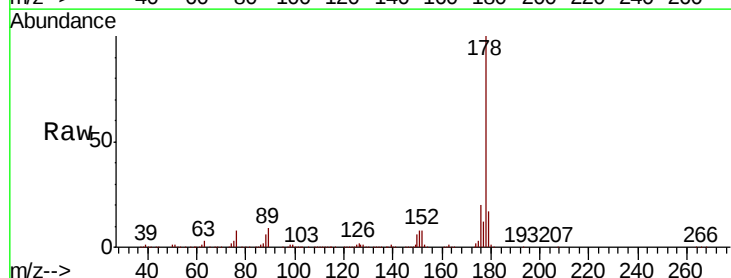
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

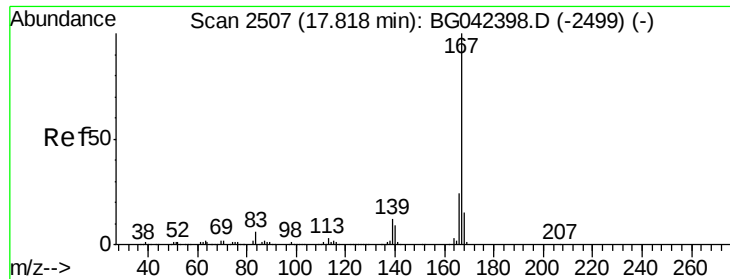
Tgt Ion:178 Resp: 1012755
Ion Ratio Lower Upper
178 100
176 21.3 15.9 23.9
179 17.2 12.7 19.1



#72
Anthracene
Concen: 48.649 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:178 Resp: 1038677
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 17.3 12.9 19.3





#73

Carbazole

Concen: 48.983 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

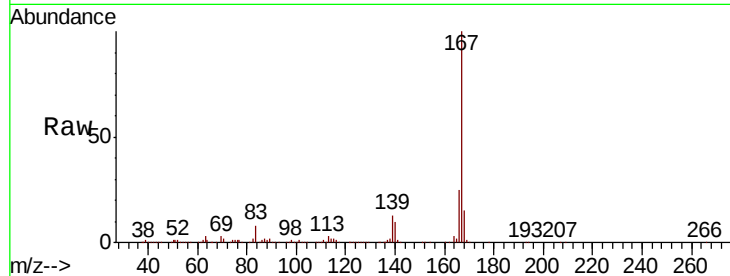
Tgt Ion:167 Resp: 932067

Ion Ratio Lower Upper

167 100

166 24.7 18.9 28.3

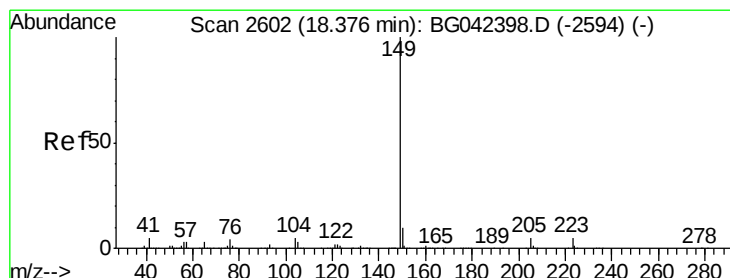
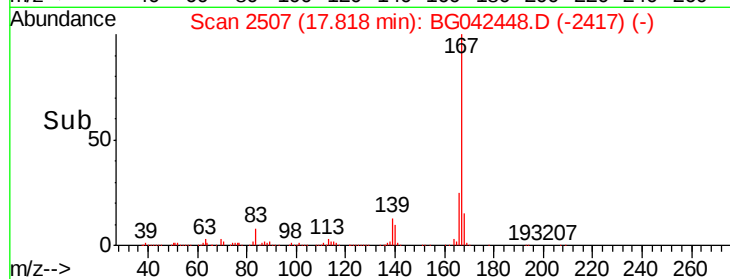
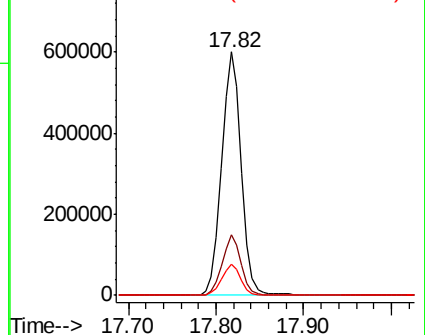
139 12.9 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.569 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

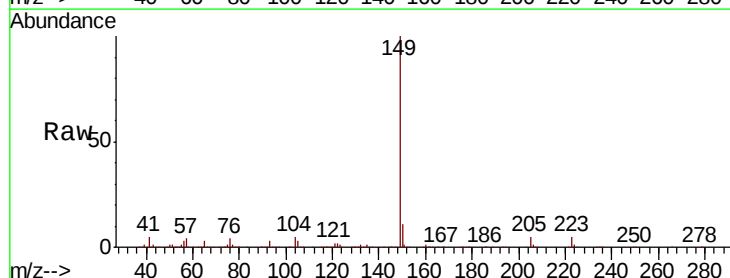
Tgt Ion:149 Resp: 1069990

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

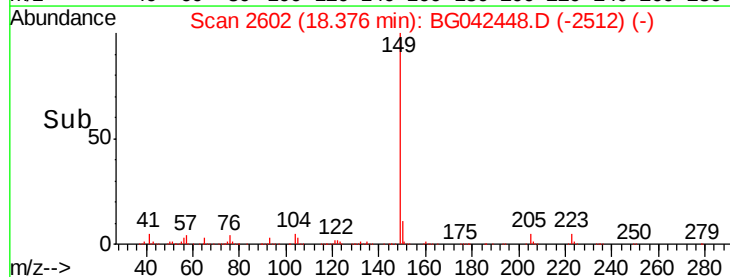
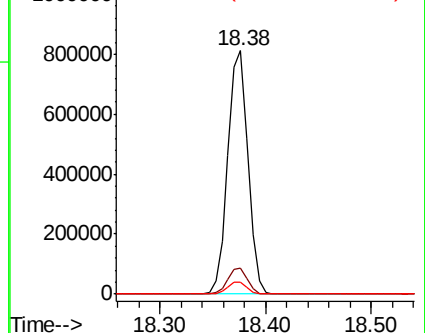
104 4.8 3.7 5.5

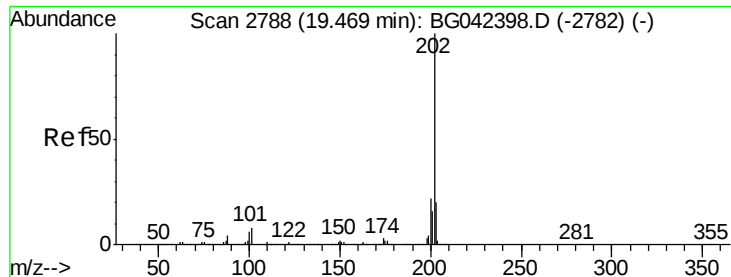


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.464 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

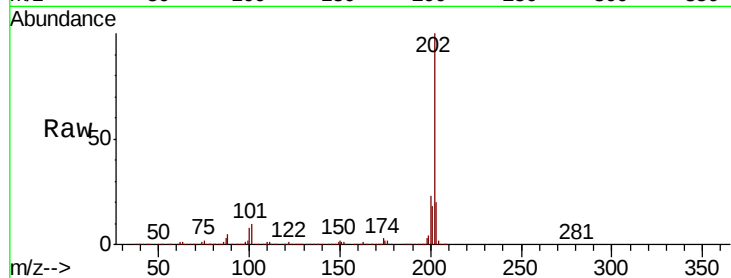
Tgt Ion:202 Resp: 1212757

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.3

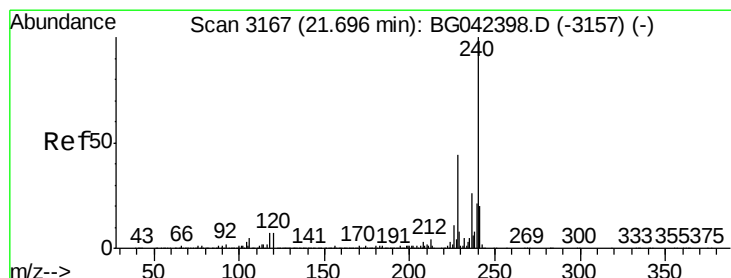
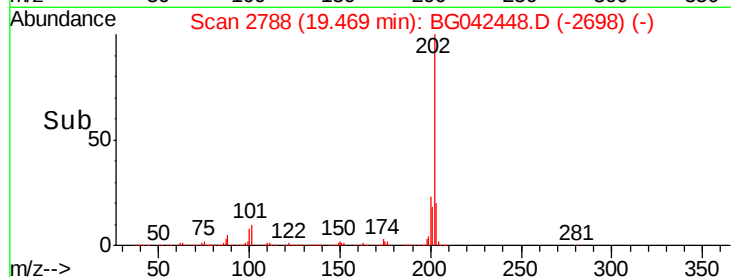
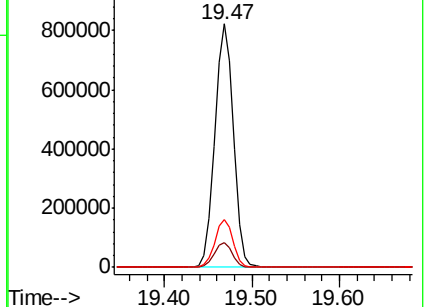
203 19.6 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

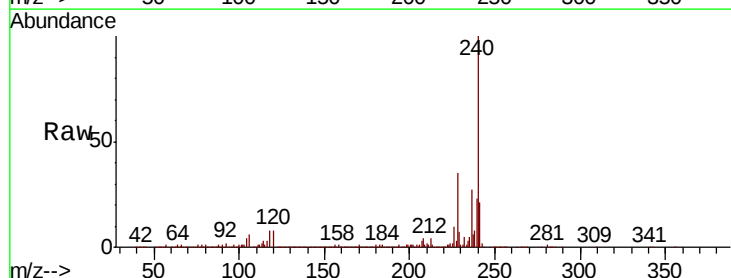
Tgt Ion:240 Resp: 416867

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

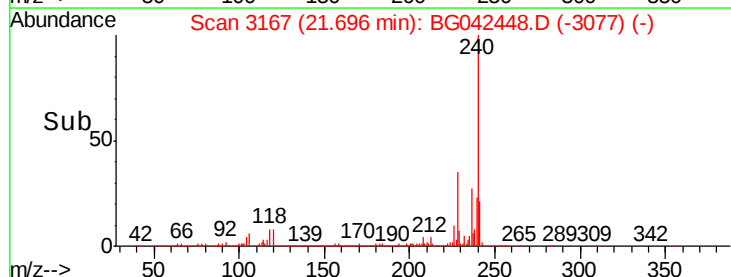
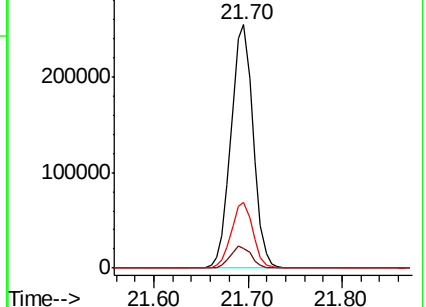
236 26.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.417 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

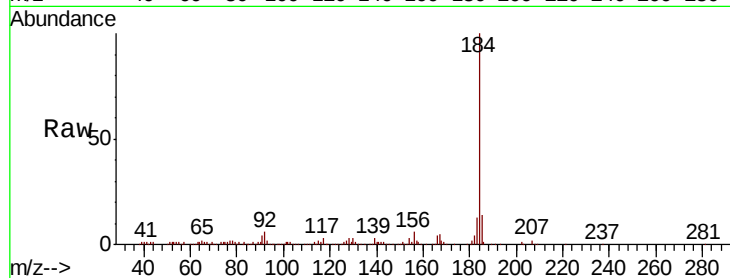
Tgt Ion:184 Resp: 160355

Ion Ratio Lower Upper

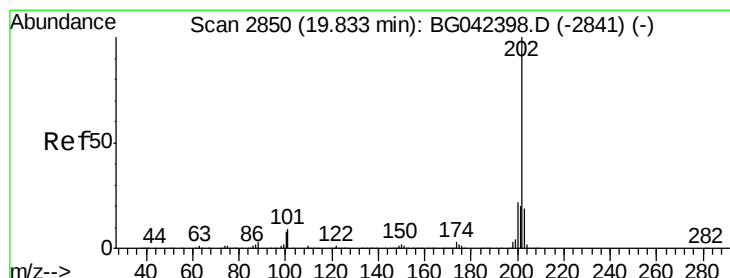
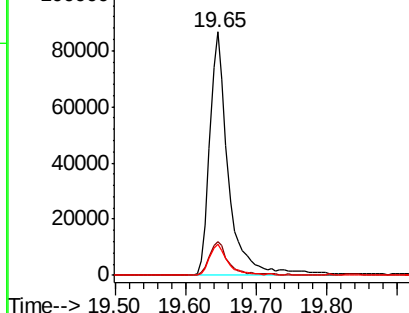
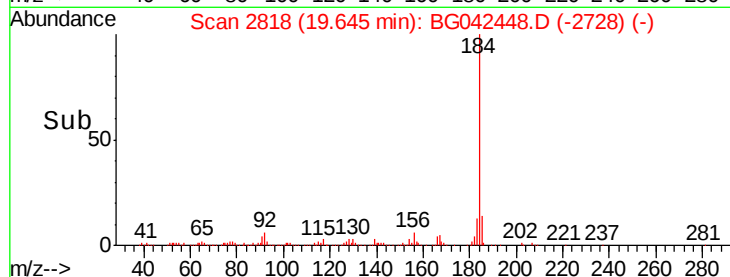
184 100

185 13.7 12.2 18.4

183 13.0 10.8 16.2



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: 48.191 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

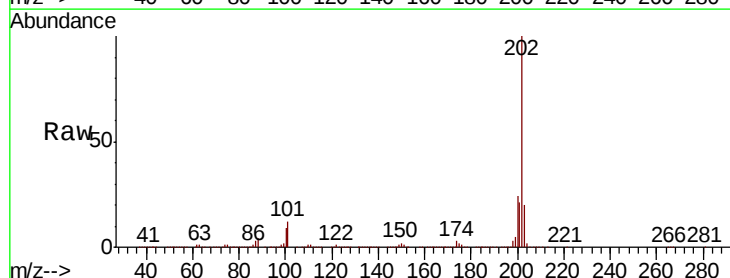
Tgt Ion:202 Resp: 1231659

Ion Ratio Lower Upper

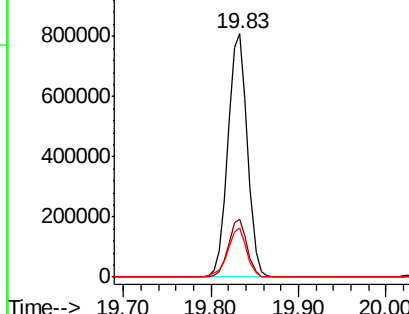
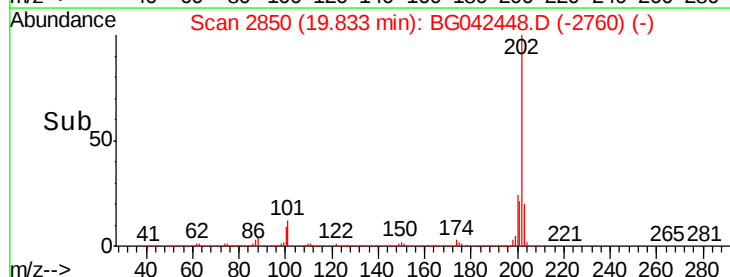
202 100

200 23.8 17.8 26.6

203 20.2 15.5 23.3



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: 90.855 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

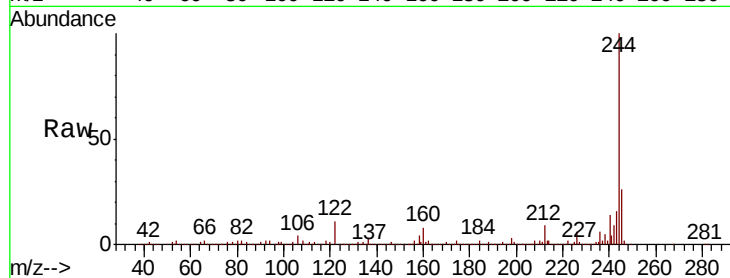
Tgt Ion:244 Resp: 1751882

Ion Ratio Lower Upper

244 100

212 9.1 6.0 9.0#

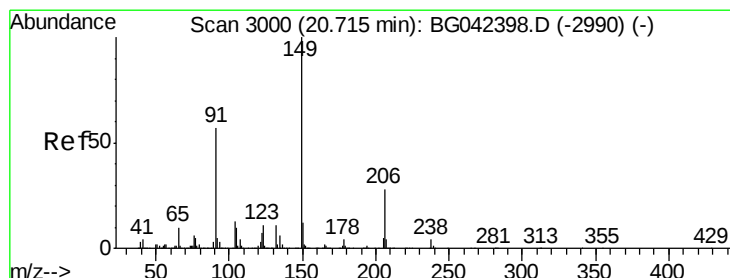
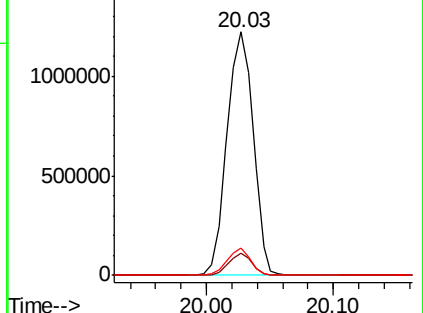
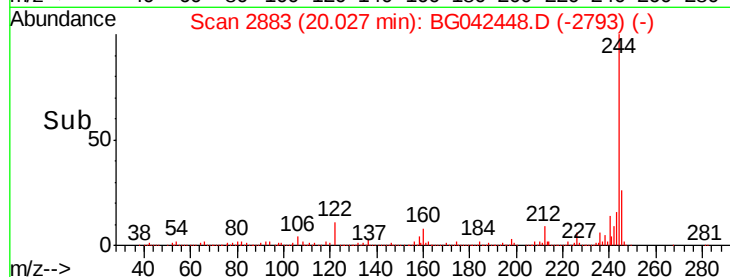
122 11.3 6.7 10.1#



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: 49.577 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

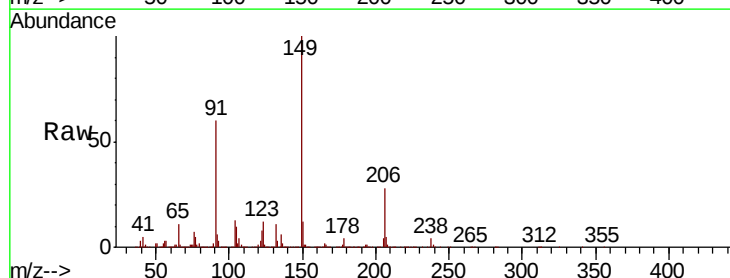
Tgt Ion:149 Resp: 498373

Ion Ratio Lower Upper

149 100

91 60.0 45.9 68.9

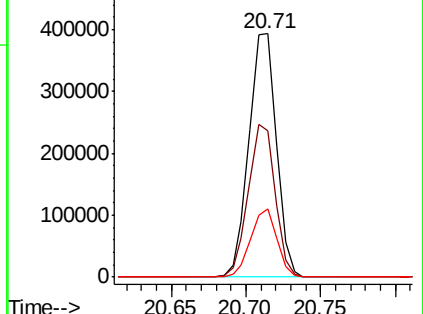
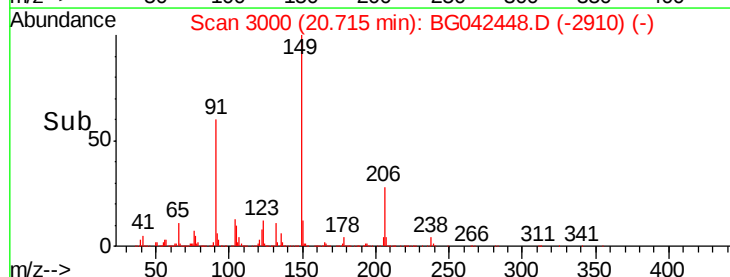
206 28.3 22.5 33.7



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

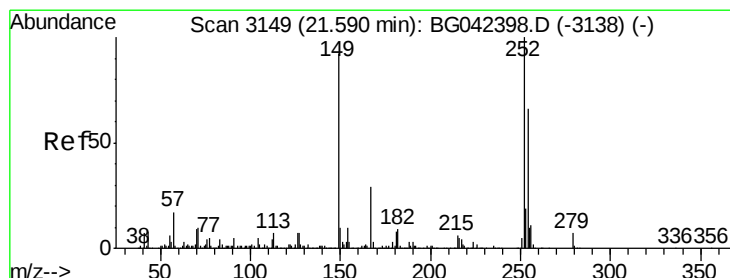
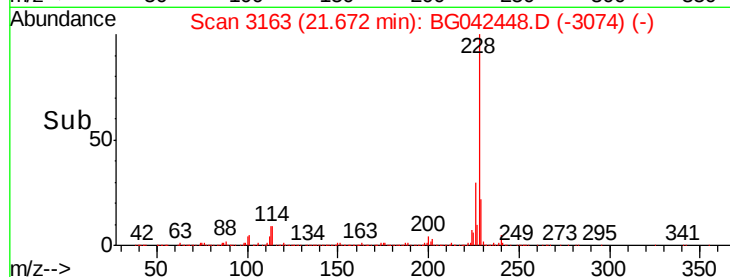
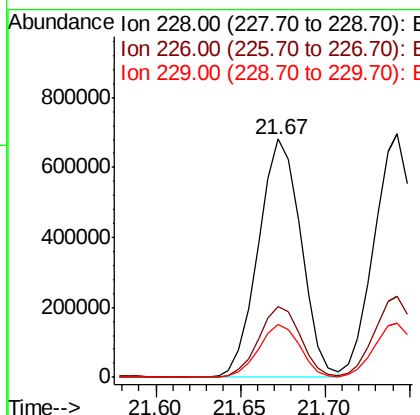
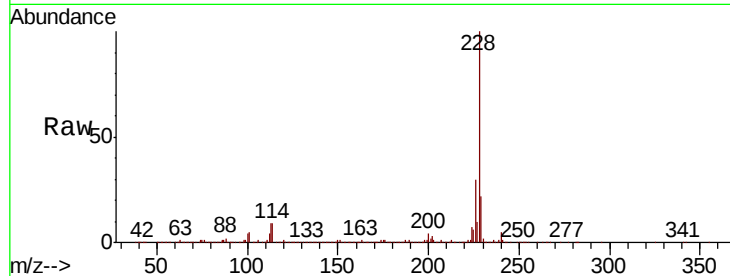




#81
Benzo(a)anthracene
Concen: 46.975 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

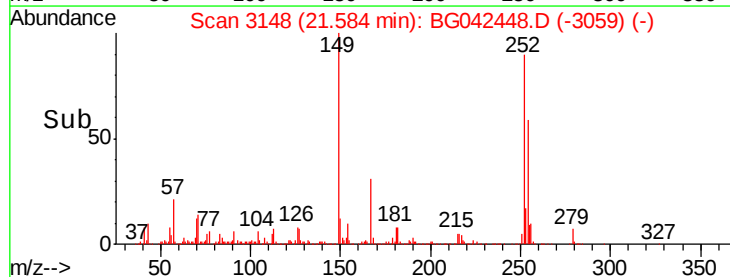
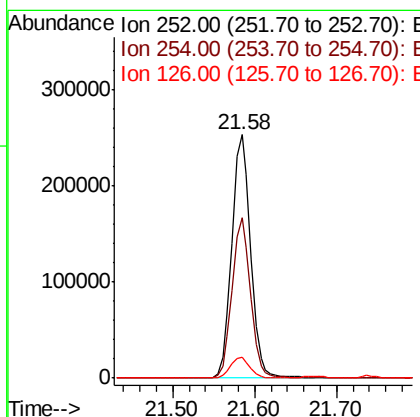
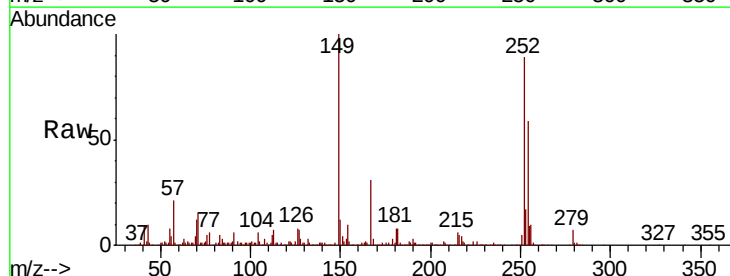
Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

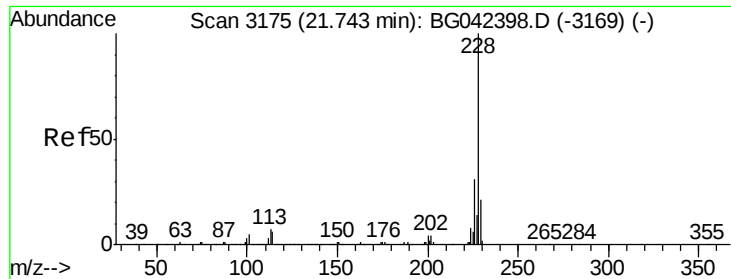
Tgt Ion:228 Resp: 1191235
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 22.4 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 40.035 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:252 Resp: 408307
Ion Ratio Lower Upper
252 100
254 66.0 53.0 79.4
126 8.7 5.7 8.5#





#83

Chrysene

Concen: 47.254 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

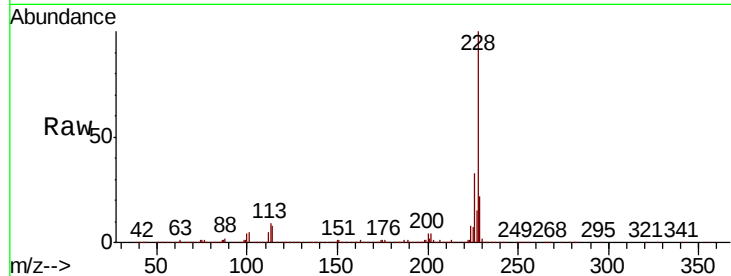
Tgt Ion:228 Resp: 1155656

Ion Ratio Lower Upper

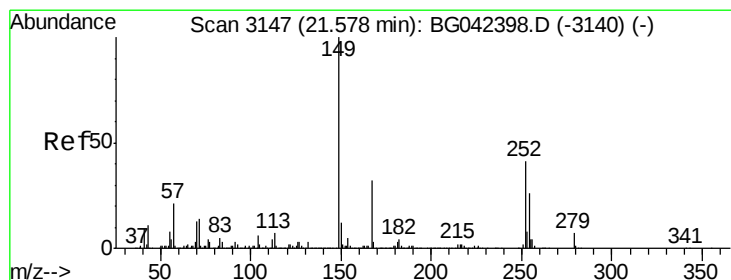
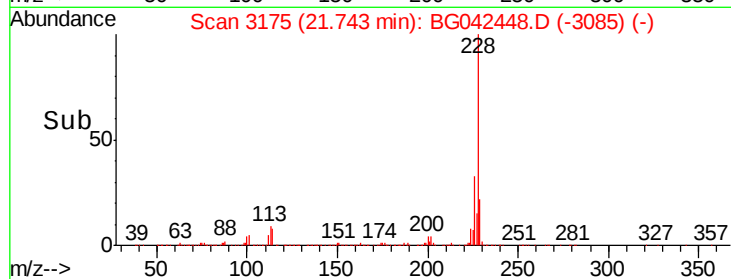
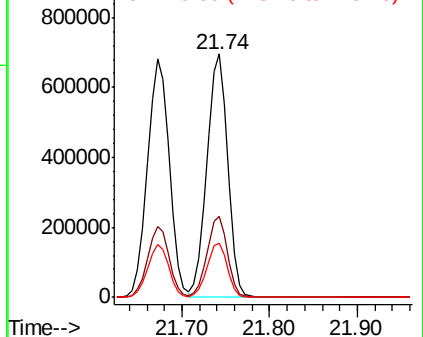
228 100

226 33.2 24.9 37.3

229 22.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.999 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

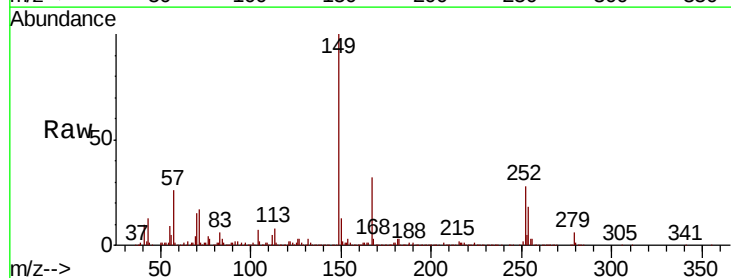
Tgt Ion:149 Resp: 697844

Ion Ratio Lower Upper

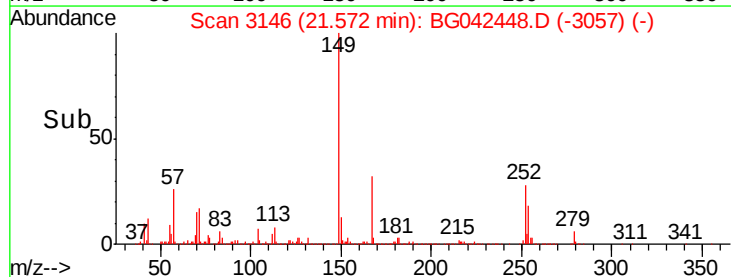
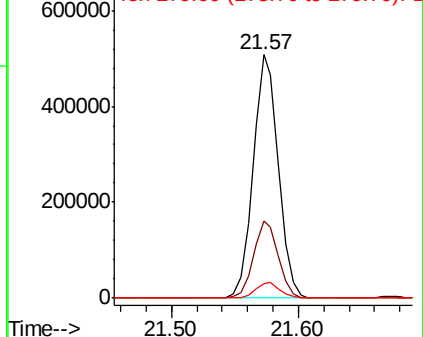
149 100

167 31.8 26.0 39.0

279 5.9 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.544 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

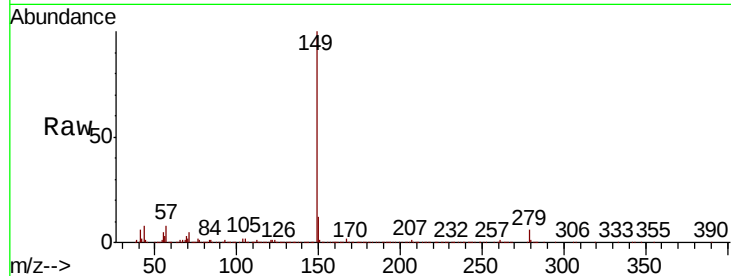
Tgt Ion:149 Resp: 1213334

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

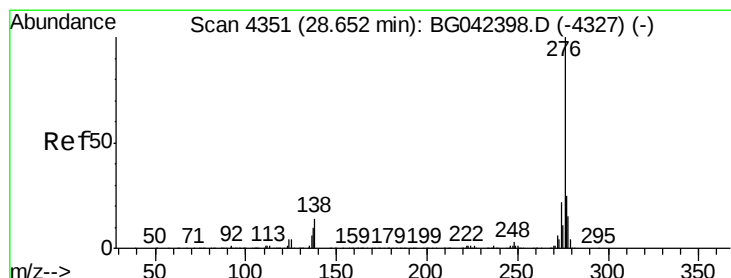
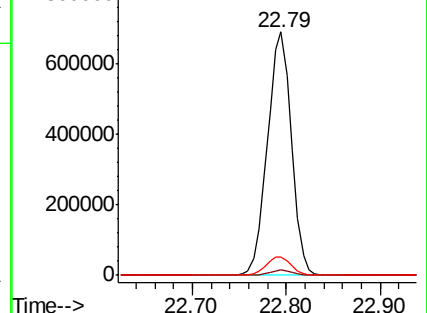
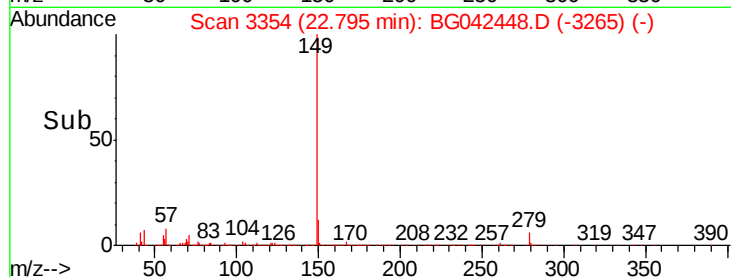
43 7.4 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.835 ng

RT: 28.65 min Scan# 4351

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

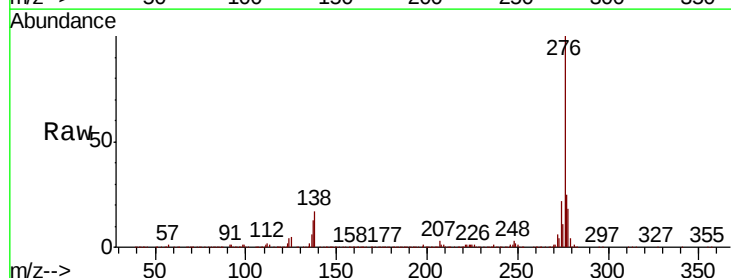
Tgt Ion:276 Resp: 1456884

Ion Ratio Lower Upper

276 100

138 13.0 9.2 13.8

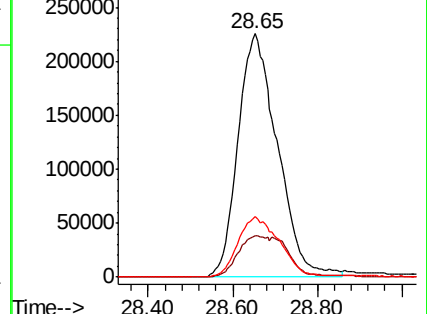
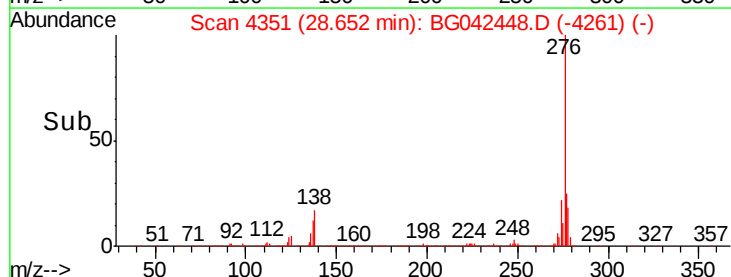
277 26.3 21.0 31.6

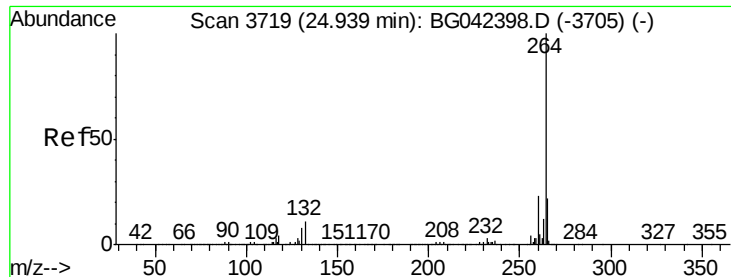


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

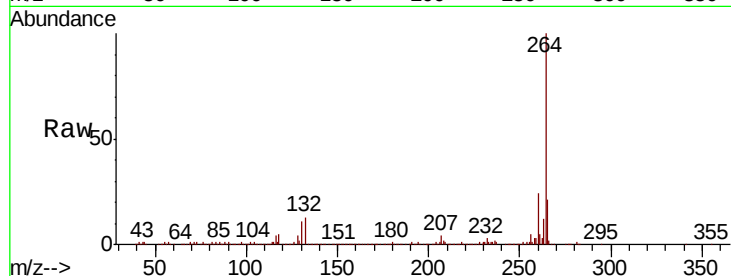
Tgt Ion:264 Resp: 491921

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

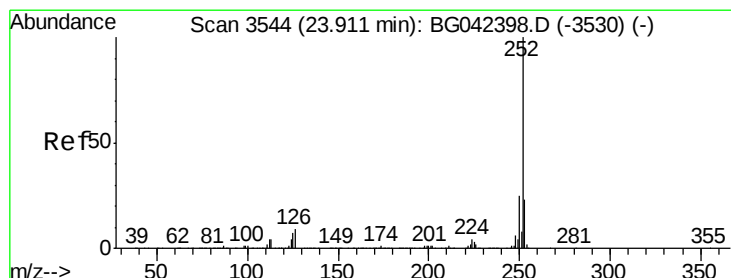
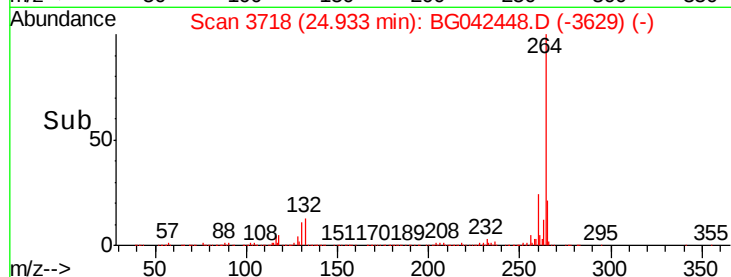
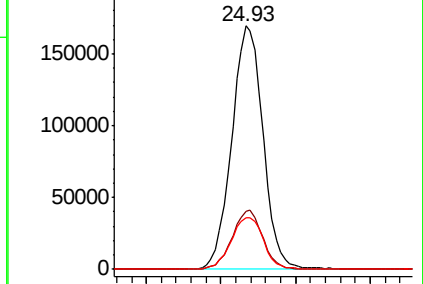
265 21.4 17.6 26.4



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: 47.484 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

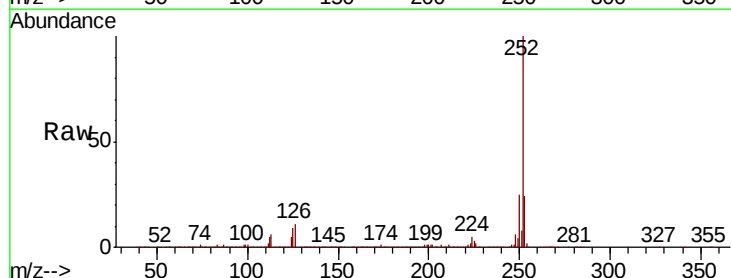
Tgt Ion:252 Resp: 1284157

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

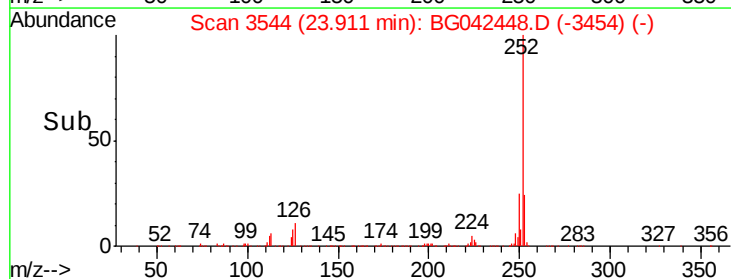
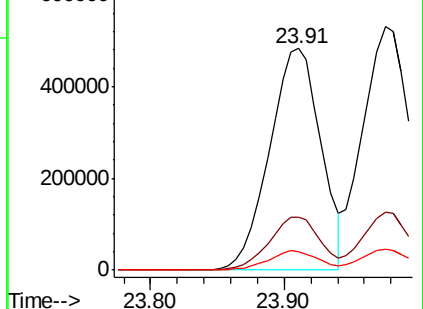
125 8.5 5.6 8.4#

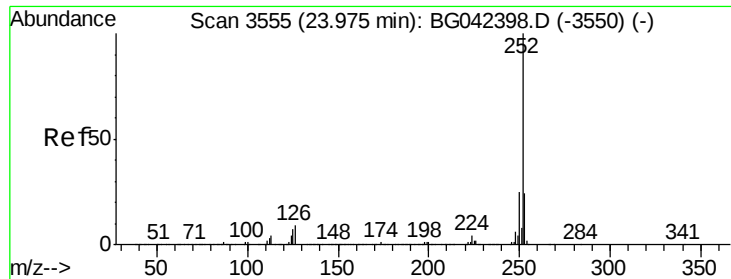


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

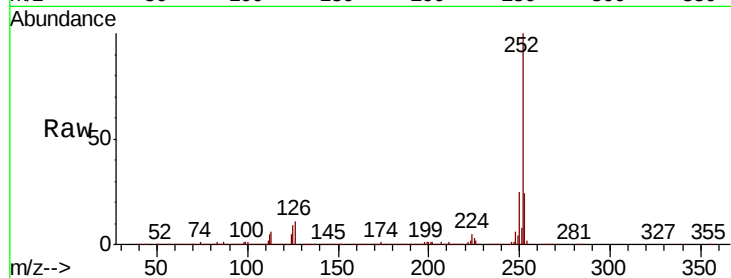




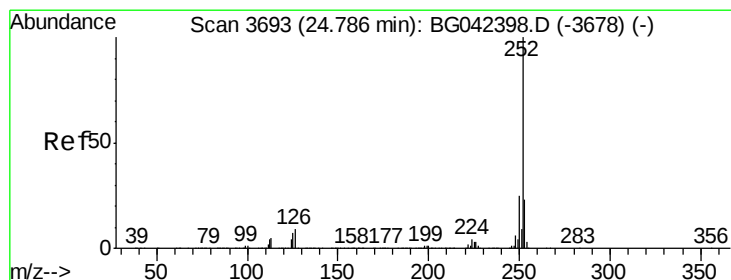
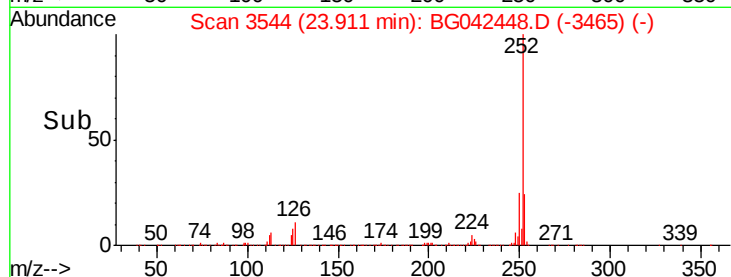
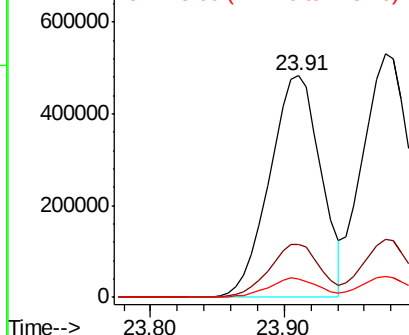
#89
Benzo(k)fluoranthene
Concen: 49.400 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.06 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MS

Tgt Ion:252 Resp: 1284157
Ion Ratio Lower Upper
252 100
253 23.8 18.6 27.8
125 8.5 5.8 8.6

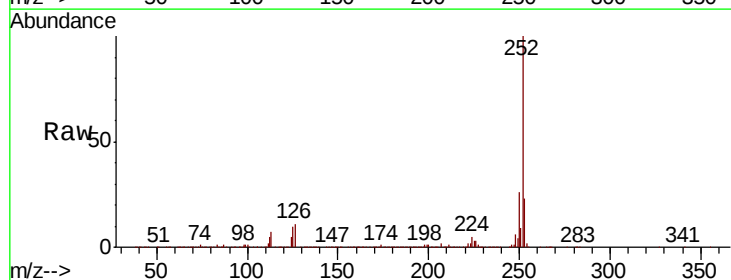


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

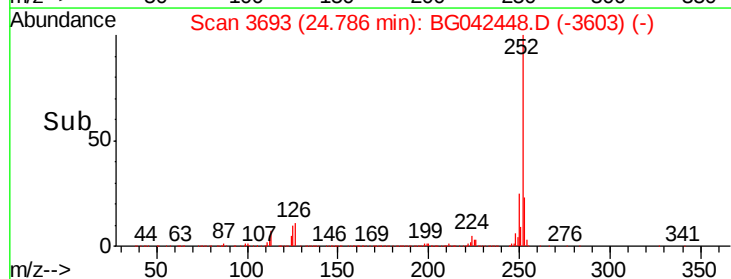
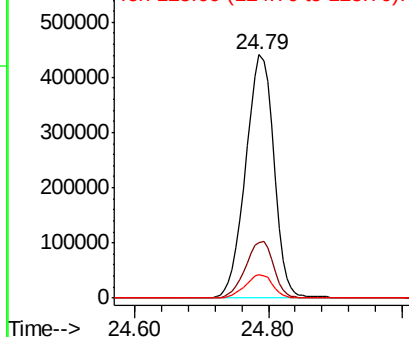


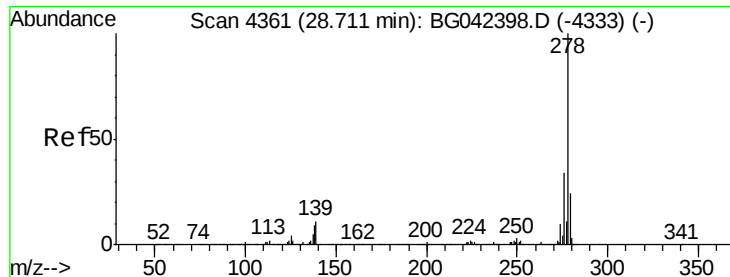
#90
Benzo(a)pyrene
Concen: 49.814 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042448.D
Acq: 24 Aug 2019 00:35

Tgt Ion:252 Resp: 1278356
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 9.8 6.0 9.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.494 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MS

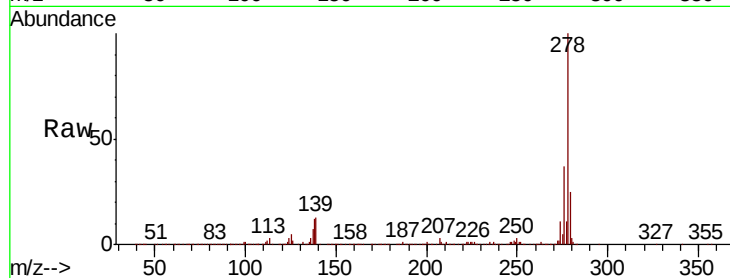
Tgt Ion:278 Resp: 1208068

Ion Ratio Lower Upper

278 100

139 13.3 8.8 13.2#

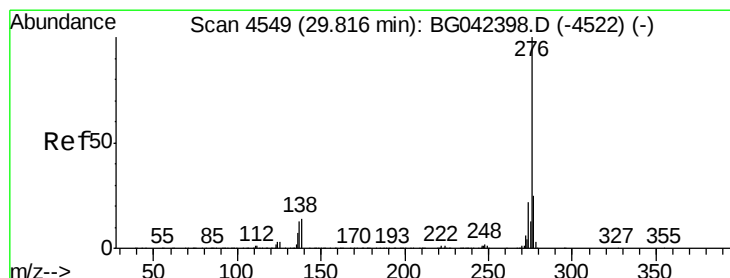
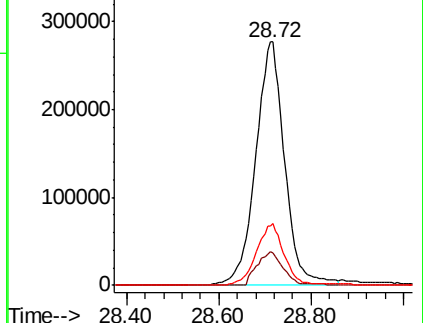
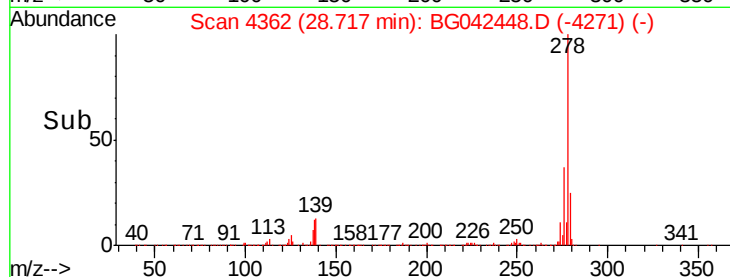
279 25.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.365 ng

RT: 29.81 min Scan# 4548

Delta R.T. -0.01 min

Lab File: BG042448.D

Acq: 24 Aug 2019 00:35

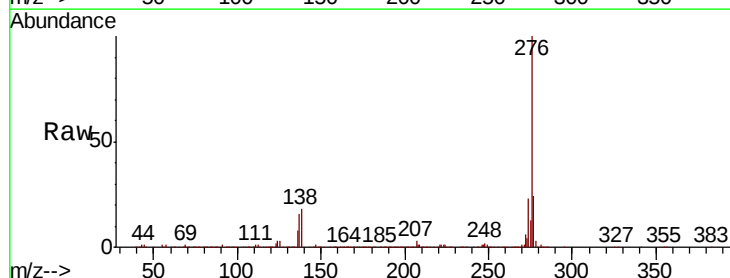
Tgt Ion:276 Resp: 1178916

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 18.0 11.4 17.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

