

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042418.D
 Acq On : 23 Aug 2019 2:02
 Operator : HP/JU
 Sample : K4421-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 05:30:53 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	8.00	152	104485	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	418398	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	232773	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	479608	20.00	ng	0.00
76) Chrysene-d12	21.70	240	474451	20.00	ng	0.00
87) Perylene-d12	24.94	264	555636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	640347	124.12	ng	0.00
7) Phenol-d6	7.17	99	751776	107.88	ng	0.00
23) Nitrobenzene-d5	9.17	82	420831	69.51	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	362368	109.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1082815	78.68	ng	0.00
79) Terphenyl-d14	20.03	244	1695068	77.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	58658	27.245	ng	95
3) Pyridine	3.82	79	149108	27.009	ng	93
4) n-Nitrosodimethylamine	3.74	42	58008	29.419	ng	83
6) Aniline	7.32	93	142014	15.279	ng	99
8) 2-Chlorophenol	7.57	128	180456	28.862	ng	96
9) Benzaldehyde	7.13	77	65969	18.909	ng	95
10) Phenol	7.20	94	217811	30.741	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	167408	30.085	ng	98
12) 1,3-Dichlorobenzene	7.89	146	233621	29.372	ng	98
13) 1,4-Dichlorobenzene	8.04	146	227143	28.193	ng	99
14) 1,2-Dichlorobenzene	8.36	146	192039	24.890	ng	99
15) Benzyl Alcohol	8.24	79	133113	26.551	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	218214	28.933	ng	100
17) 2-Methylphenol	8.45	107	146247	28.023	ng	96
18) Hexachloroethane	9.09	117	68617	24.878	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	113400	25.118	ng	97
20) 3+4-Methylphenols	8.78	107	216114	29.927	ng	98
22) Acetophenone	8.83	105	242707	27.122	ng	# 99
24) Nitrobenzene	9.22	77	171035	27.896	ng	97
25) Isophorone	9.74	82	386231	32.323	ng	98
26) 2-Nitrophenol	9.93	139	103734	26.999	ng	98
27) 2,4-Dimethylphenol	9.99	122	167736	31.692	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	203132	26.972	ng	99
29) 2,4-Dichlorophenol	10.47	162	233991	33.791	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	247265	29.092	ng	97
31) Naphthalene	10.87	128	654093	33.672	ng	99
32) Benzoic acid	9.99	122	167736	44.406	ng	# 14
33) 4-Chloroaniline	10.98	127	154471	17.226	ng	98
34) Hexachlorobutadiene	11.17	225	140453	24.588	ng	97
35) Caprolactam	11.75	113	60671	26.258	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	195431	29.730	ng	97
37) 2-Methylnaphthalene	12.49	142	423184	27.131	ng	99
38) 1-Methylnaphthalene	12.71	142	382827	25.839	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	238524	31.909	ng	99

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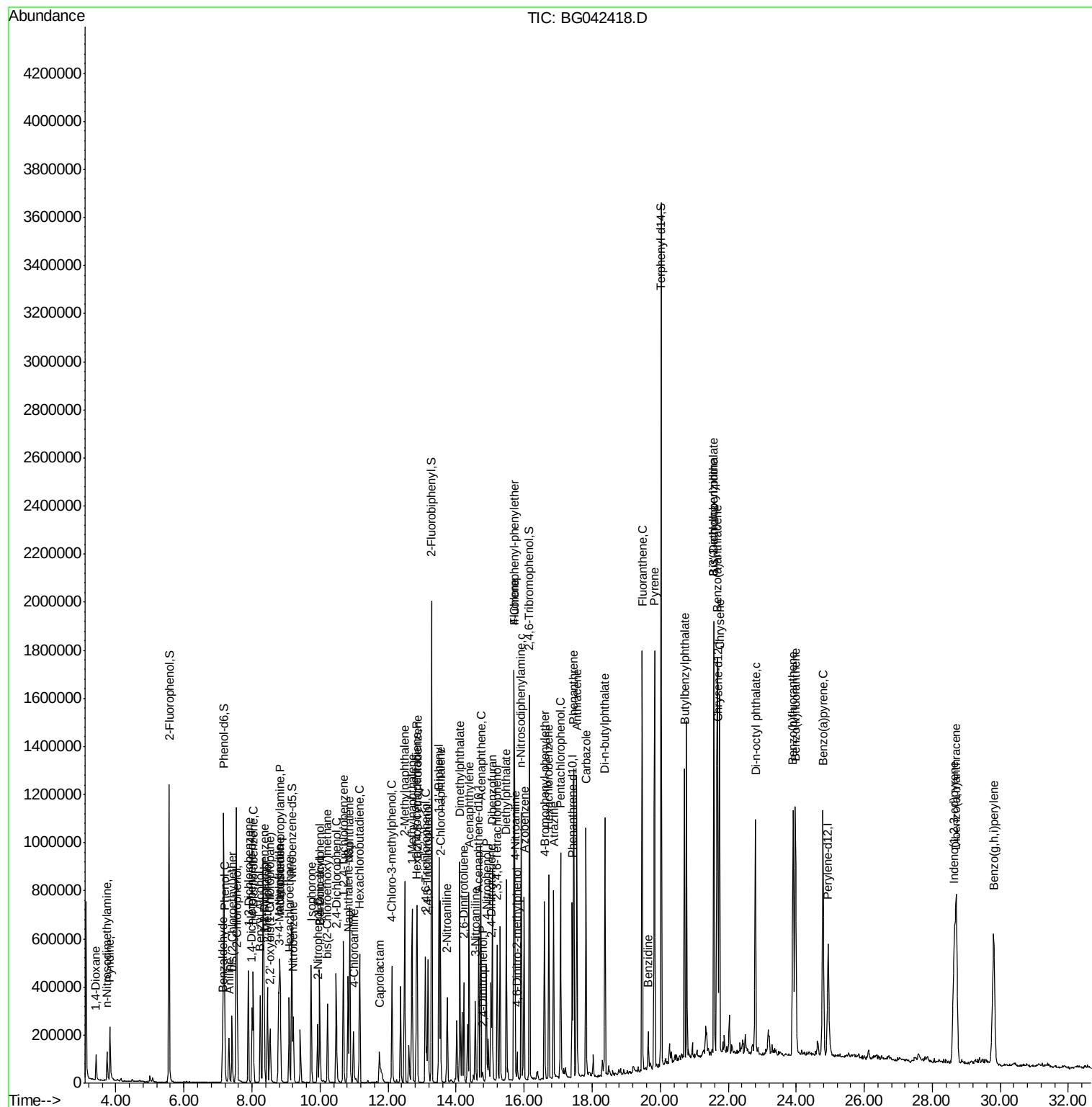
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	151911	38.687	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	166107	32.875	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	182133	34.784	ng	97
46) 1,1'-Biphenyl	13.49	154	515637	34.269	ng	99
47) 2-Chloronaphthalene	13.53	162	424606	32.727	ng	98
48) 2-Nitroaniline	13.74	65	105945	33.863	ng	97
49) Acenaphthylene	14.39	152	644813	33.035	ng	99
50) Dimethylphthalate	14.11	163	673038	40.073	ng	100
51) 2,6-Dinitrotoluene	14.23	165	125149	32.147	ng	94
52) Acenaphthene	14.73	154	381931	32.224	ng	99
53) 3-Nitroaniline	14.56	138	103880	26.681	ng	92
54) 2,4-Dinitrophenol	14.77	184	16793	12.160	ng	97
55) Dibenzofuran	15.06	168	640067	32.625	ng	100
56) 4-Nitrophenol	14.89	139	206784	74.744	ng	96
57) 2,4-Dinitrotoluene	15.03	165	172129	30.876	ng	98
58) Fluorene	15.71	166	543932	33.916	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	154524	29.842	ng	98
60) Diethylphthalate	15.48	149	504256	30.713	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	299774	31.008	ng	99
62) 4-Nitroaniline	15.73	138	133669	32.078	ng	95
63) Azobenzene	16.00	77	396708	35.262	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	37857	12.590	ng	91
66) n-Nitrosodiphenylamine	15.91	169	487352	36.950	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	191871	31.540	ng	99
68) Hexachlorobenzene	16.73	284	201426	30.458	ng	94
69) Atrazine	16.87	200	174316	37.373	ng	99
70) Pentachlorophenol	17.07	266	213429	62.113	ng	97
71) Phenanthrene	17.46	178	897069	37.656	ng	99
72) Anthracene	17.55	178	871796	36.657	ng	100
73) Carbazole	17.82	167	759254	35.821	ng	99
74) Di-n-butylphthalate	18.38	149	871222	34.772	ng	100
75) Fluoranthene	19.47	202	1137053	39.109	ng	99
77) Benzidine	19.65	184	131000	9.630	ng	98
78) Pyrene	19.83	202	1118202	38.442	ng	99
80) Butylbenzylphthalate	20.71	149	410826	35.908	ng	99
81) Benzo(a)anthracene	21.67	228	1032359	35.769	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	241471	20.803	ng	97
83) Chrysene	21.74	228	1002046	36.000	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	607976	38.273	ng	100
85) Di-n-octyl phthalate	22.80	149	974997	35.686	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1246469	32.952	ng	99
88) Benzo(b)fluoranthene	23.91	252	1108236	36.280	ng	100
89) Benzo(k)fluoranthene	23.98	252	1058273	36.042	ng	99
90) Benzo(a)pyrene	24.79	252	1093340	37.719	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	990199	33.739	ng	97
92) Benzo(g,h,i)perylene	29.80	276	1085185	36.970	ng	98

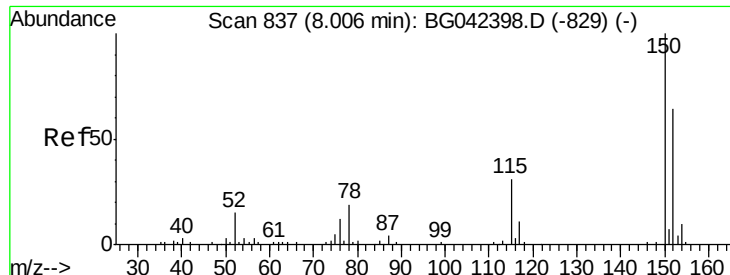
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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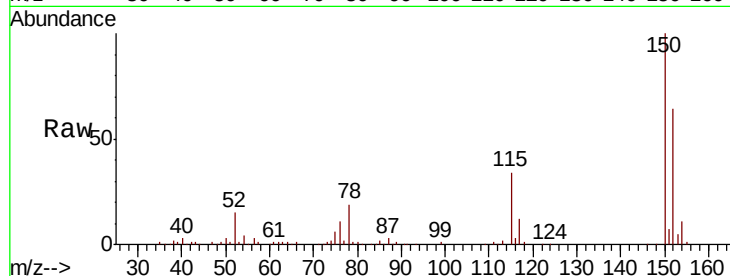


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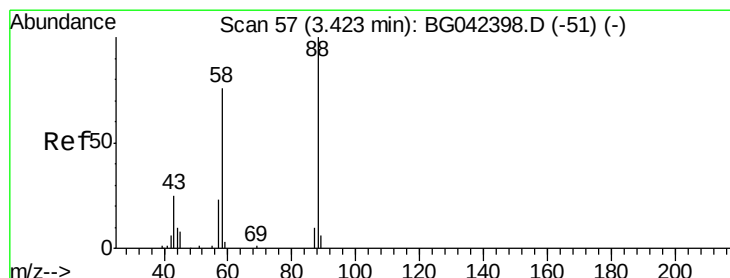
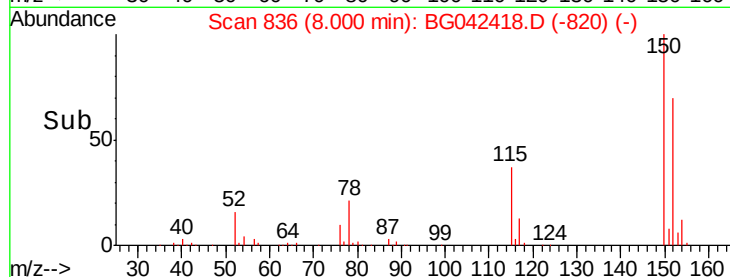
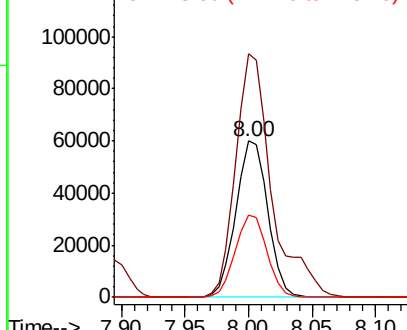
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 104485
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.0
115 52.3 38.5 57.7



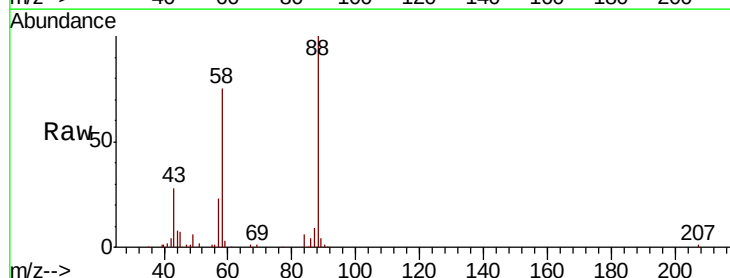
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



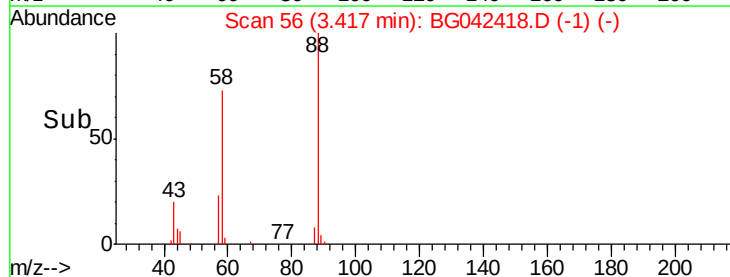
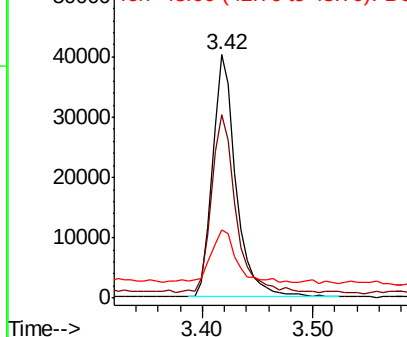
#2

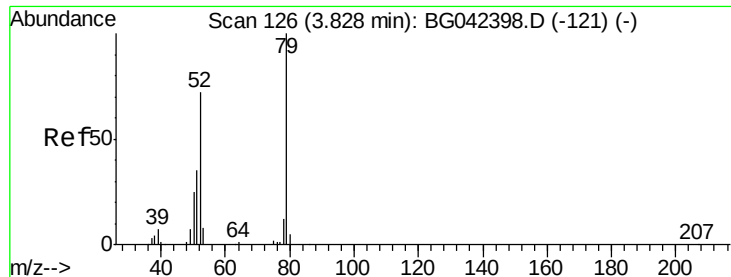
1,4-Dioxane
Concen: 27.245 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion: 88 Resp: 58658
Ion Ratio Lower Upper
88 100
58 77.7 58.3 87.5
43 22.9 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

Pvridine

Concen: 27.009 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

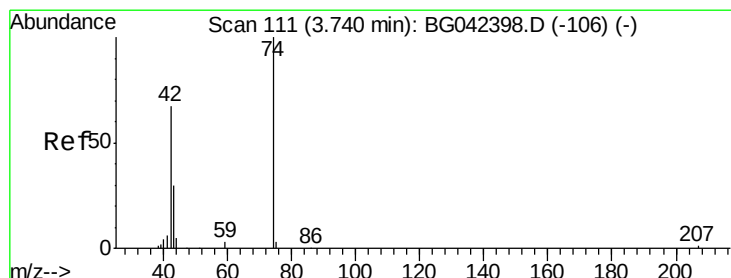
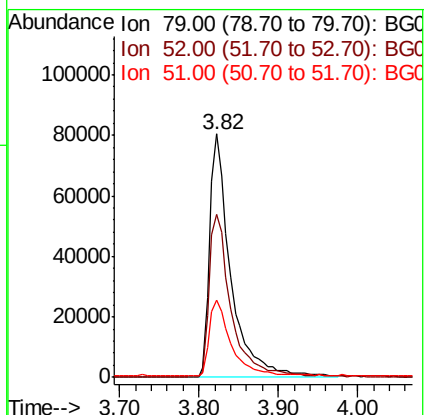
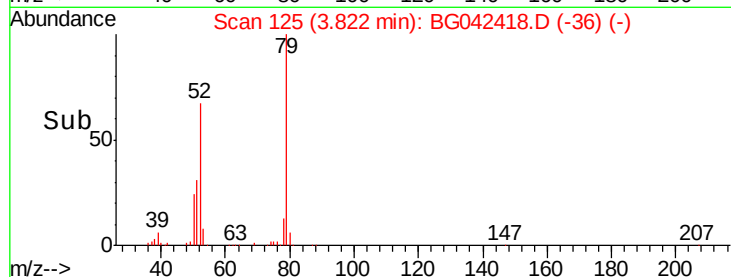
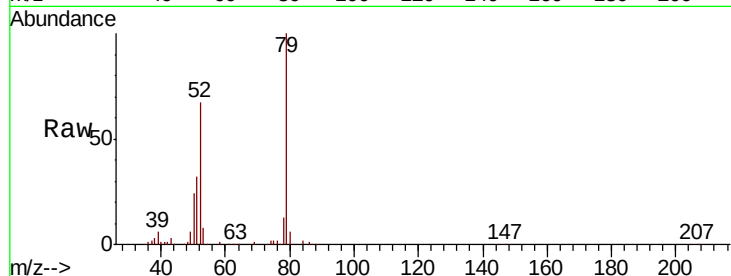
Tot Ion: 79 Resp: 149108

Ion Ratio Lower Upper

79 100

52 66.7 57.7 86.5

51 31.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 29.419 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

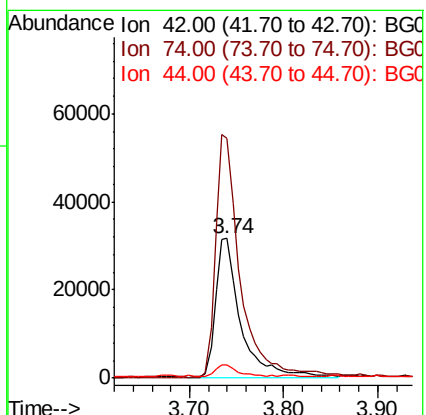
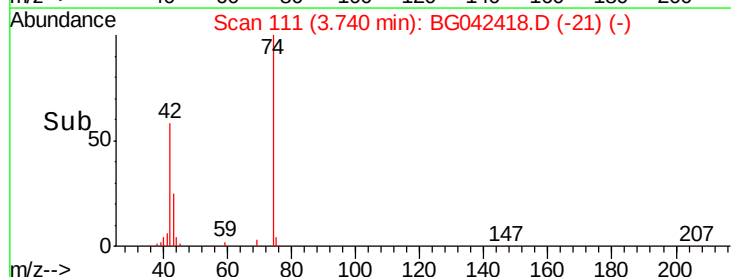
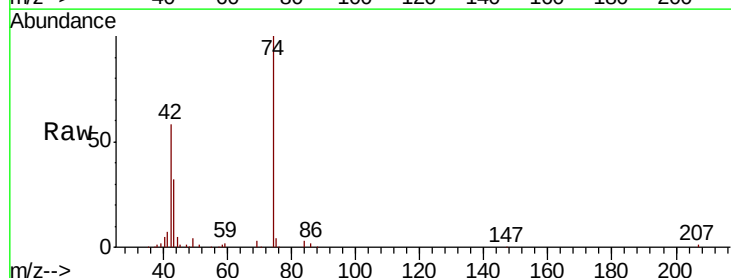
Tgt Ion: 42 Resp: 58008

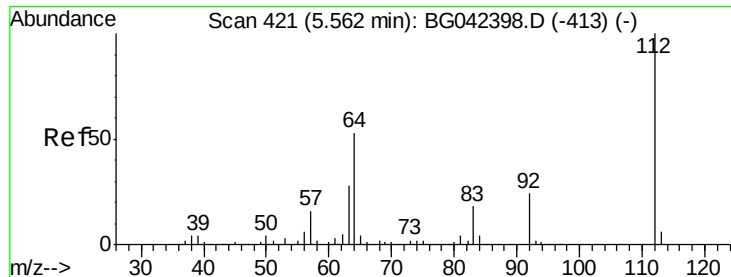
Ion Ratio Lower Upper

42 100

74 171.5 119.6 179.4

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 124.122 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

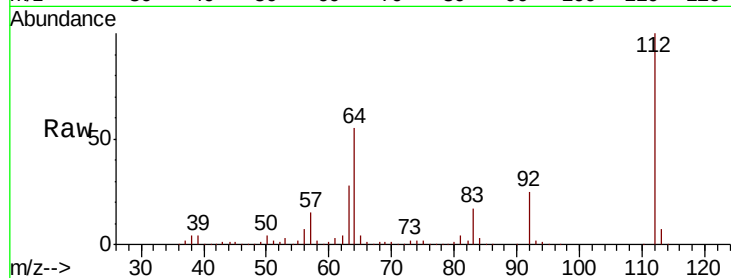
Tot Ion: 112 Resp: 640347

Ion Ratio Lower Upper

112 100

64 55.4 42.8 64.2

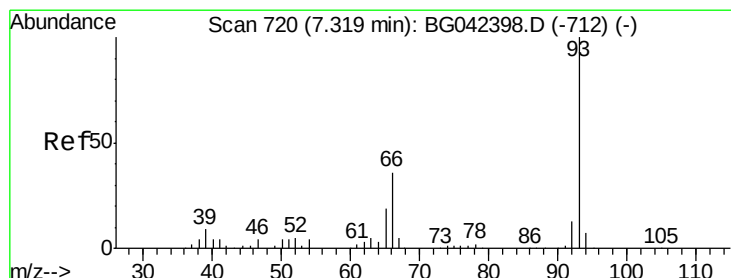
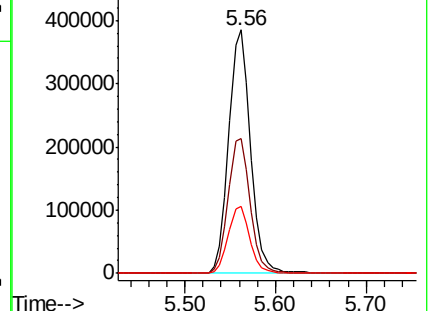
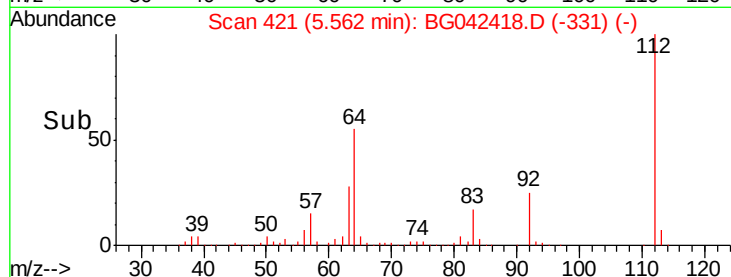
63 27.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.279 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

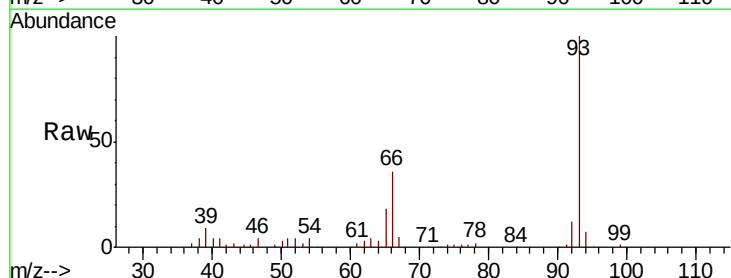
Tgt Ion: 93 Resp: 142014

Ion Ratio Lower Upper

93 100

66 35.6 29.0 43.6

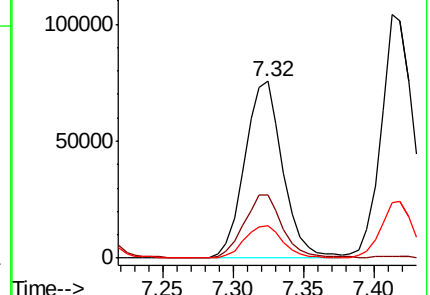
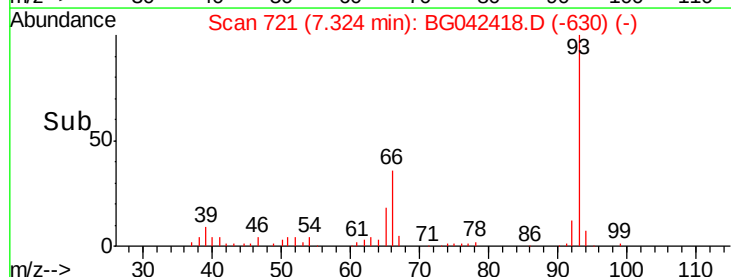
65 18.1 15.2 22.8

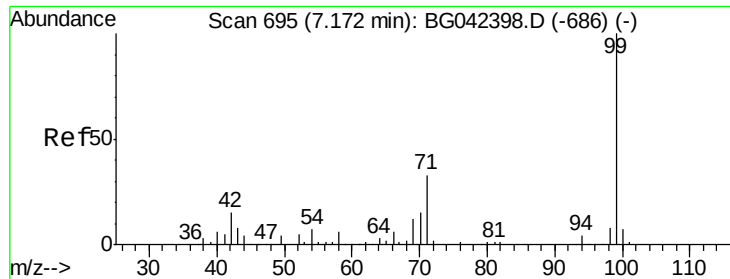


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.880 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

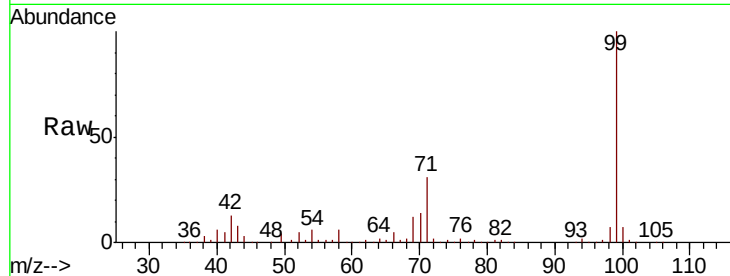
Tot Ion: 99 Resp: 751776

Ion Ratio Lower Upper

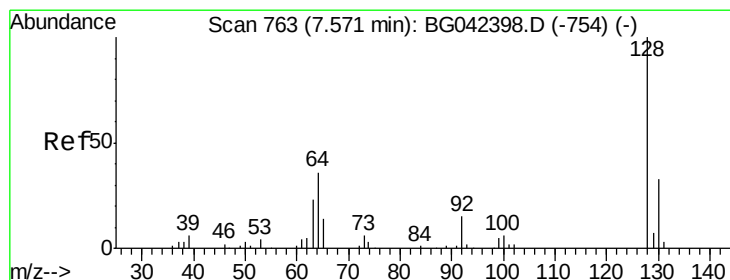
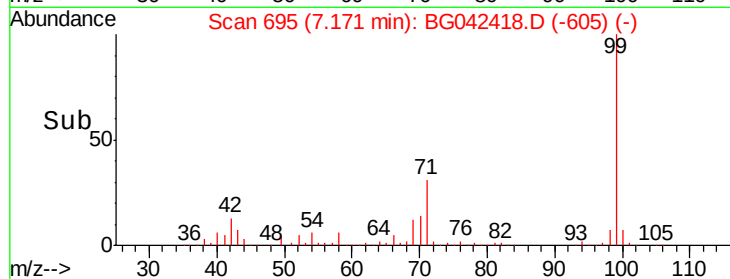
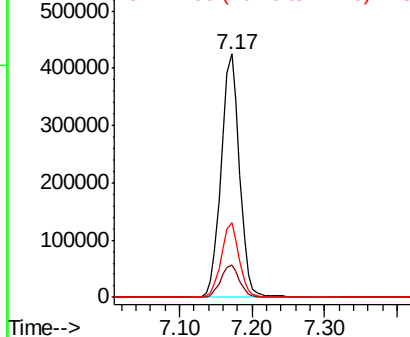
99 100

42 13.2 12.0 18.0

71 30.7 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: 28.862 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

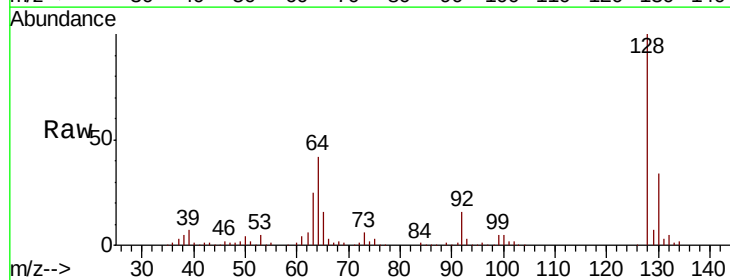
Tgt Ion: 128 Resp: 180456

Ion Ratio Lower Upper

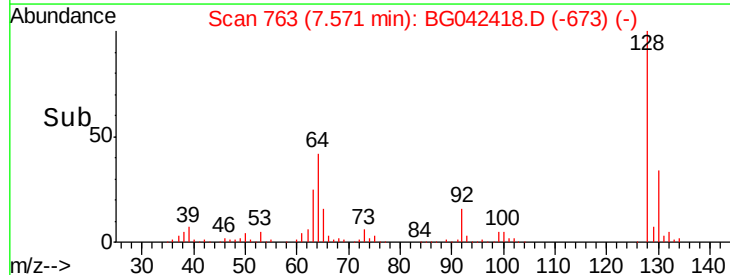
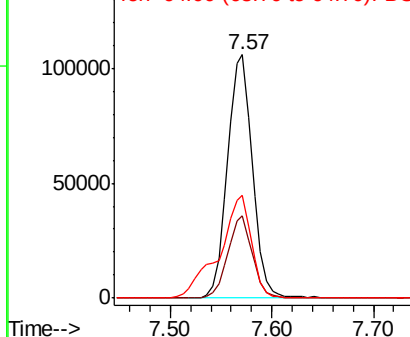
128 100

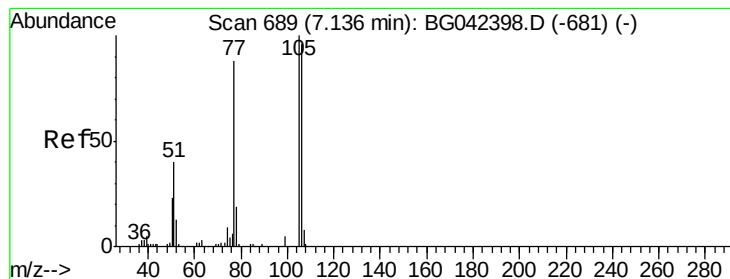
130 34.0 12.8 52.8

64 42.1 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: 18.909 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042418.D

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Instrument :

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ClientSampled :

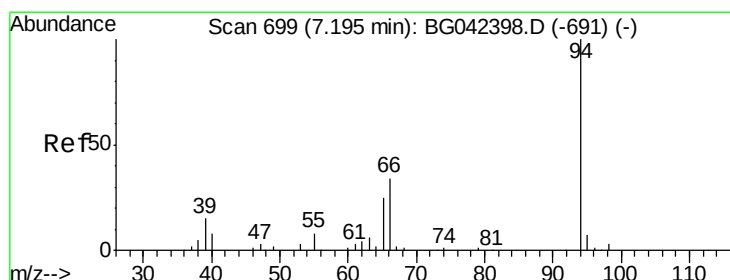
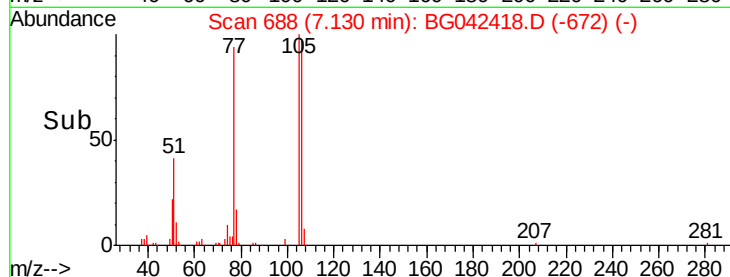
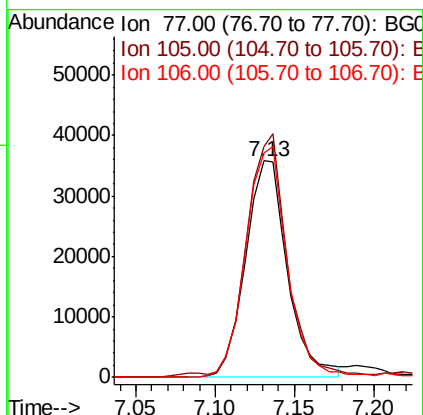
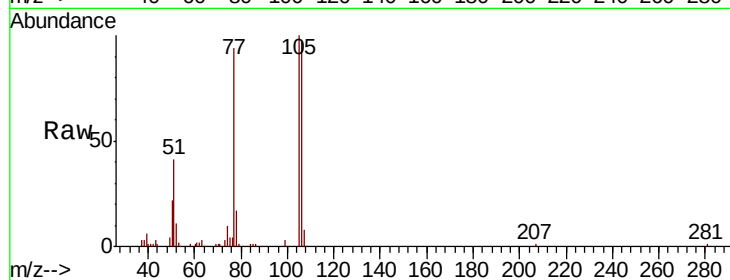
Tot Ion: 77 Resp: 65969

Ion Ratio Lower Upper

77 100

105 106.8 93.4 133.4

106 103.5 88.4 128.4



#10

Phenol

Concen: 30.741 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

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Acq: 23 Aug 2019 2:02

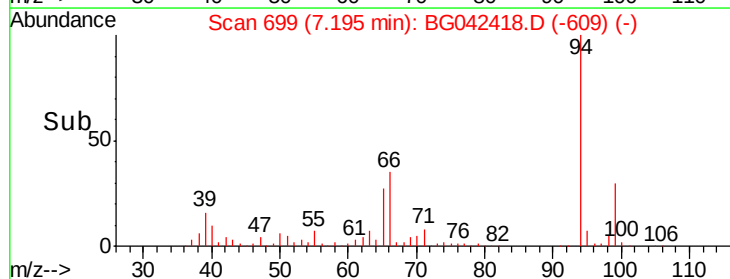
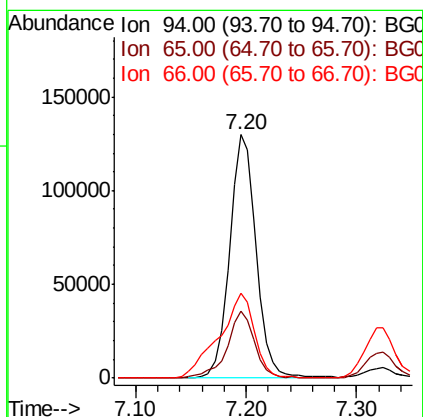
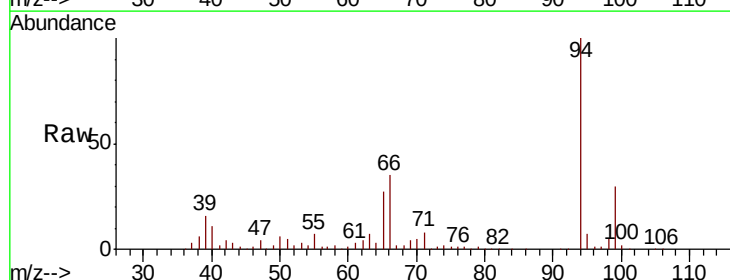
Tgt Ion: 94 Resp: 217811

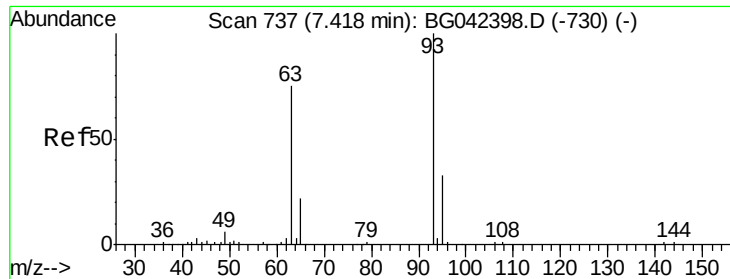
Ion Ratio Lower Upper

94 100

65 27.5 5.6 45.6

66 34.7 16.0 56.0

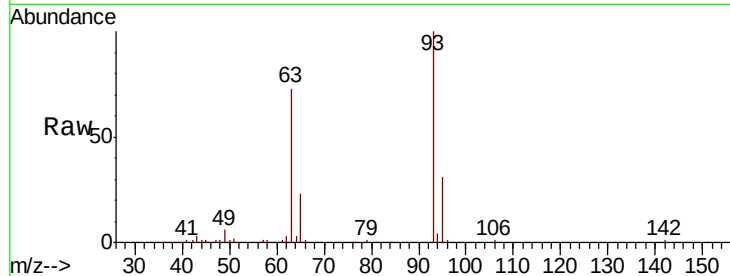




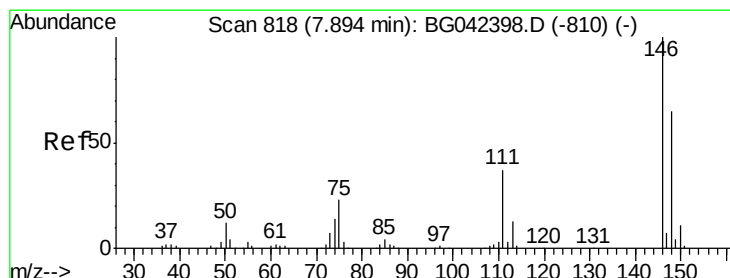
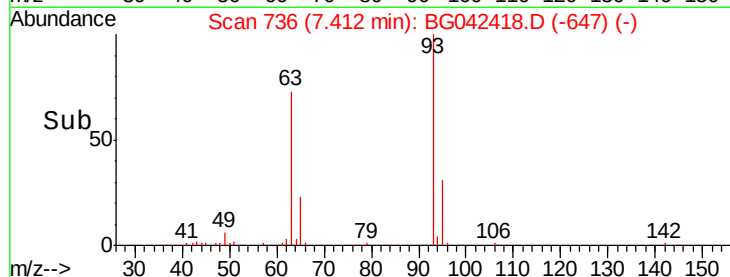
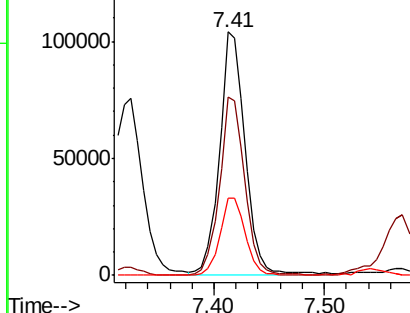
#11
 bis(2-Chloroethyl)ether
 Concen: 30.085 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.8	93.8
95	31.5	13.1	53.1

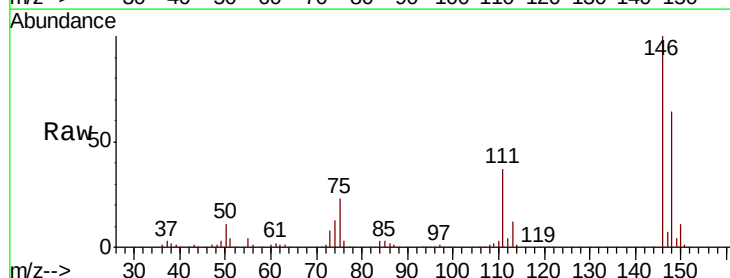


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

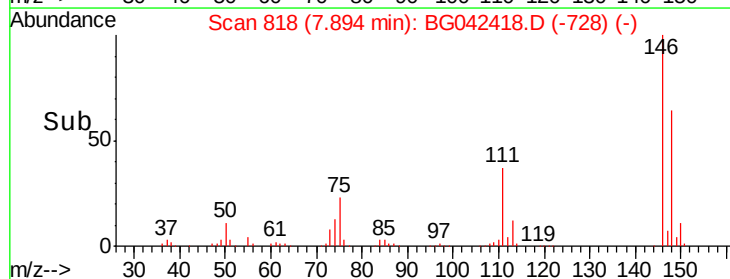
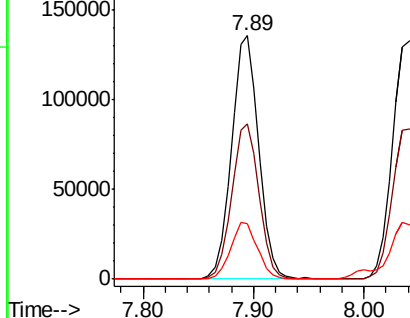


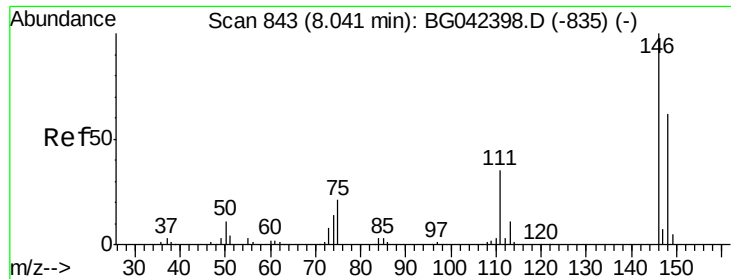
#12
 1,3-Dichlorobenzene
 Concen: 29.372 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
75	22.8	18.0	27.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

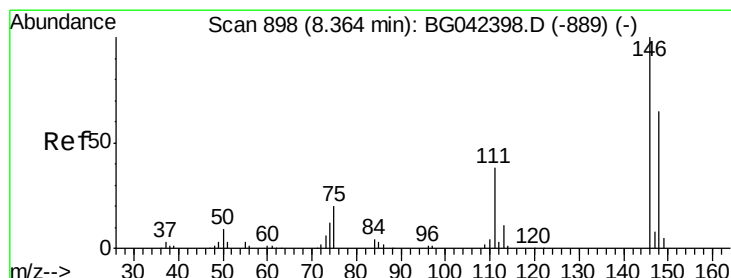
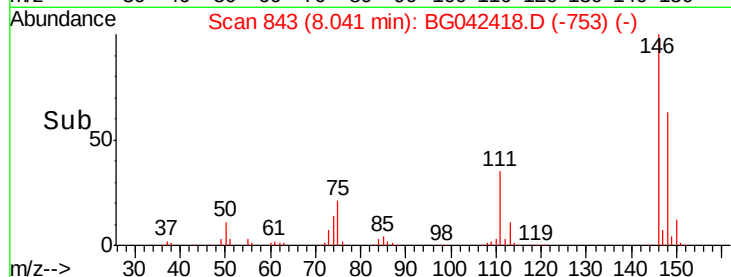
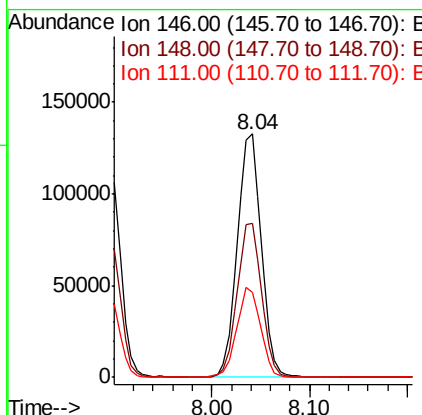
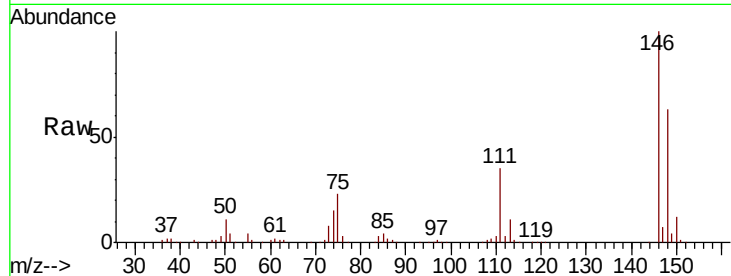




#13
 1,4-Dichlorobenzene
 Concen: 28.193 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

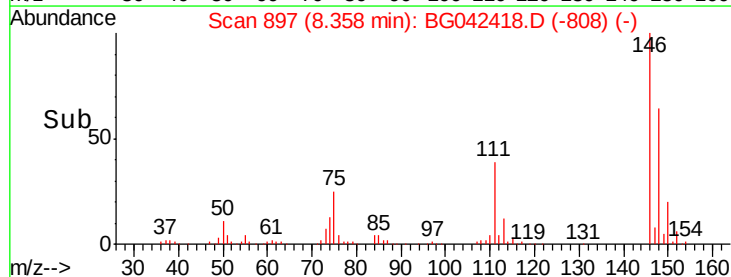
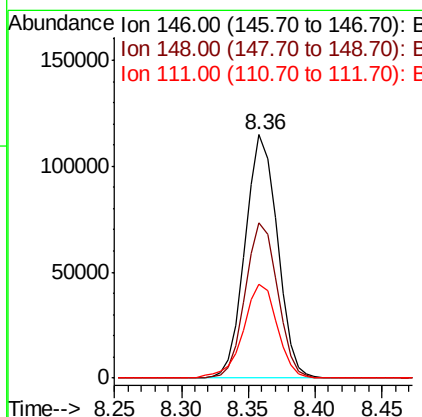
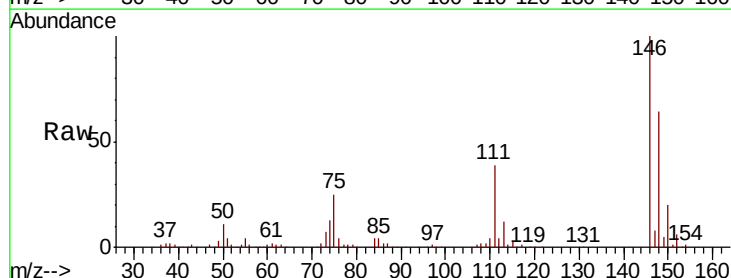
Instrument :
 BNA_G
 ClientSampleId :

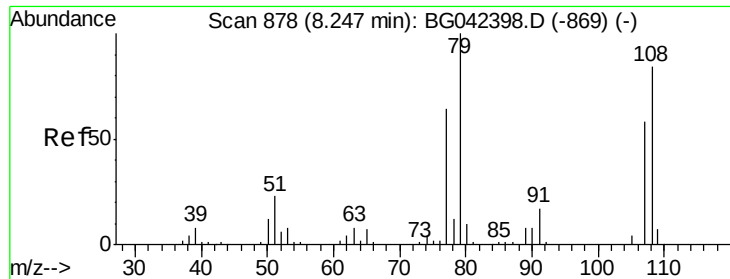
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.5	74.3
111	35.0	28.1	42.1



#14
 1,2-Dichlorobenzene
 Concen: 24.890 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	38.6	30.9	46.3

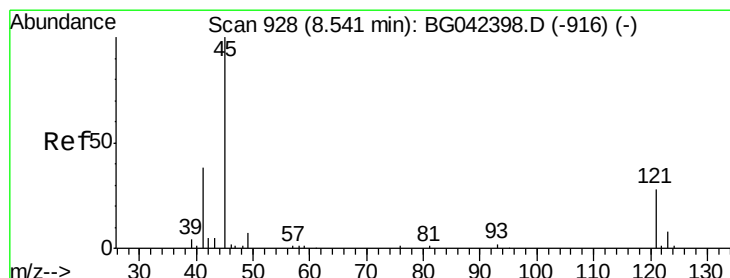
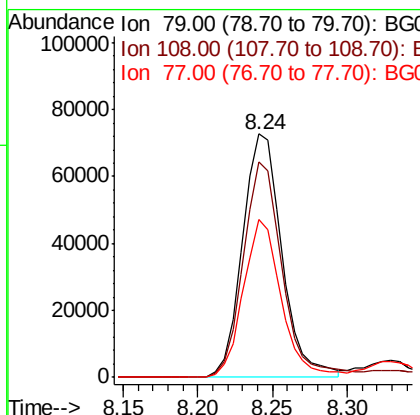
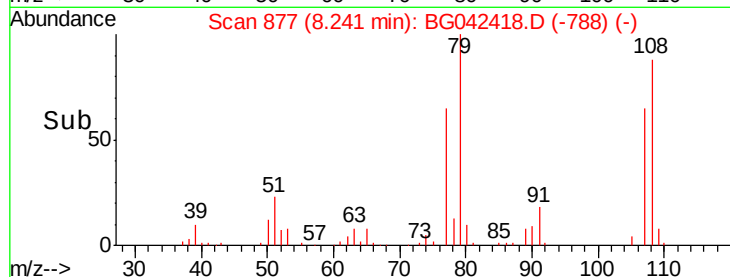
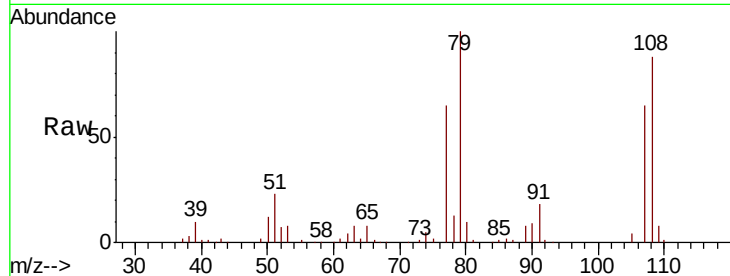




#15
Benzyl Alcohol
Concen: 26.551 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

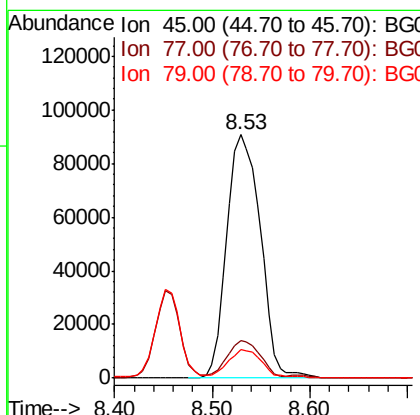
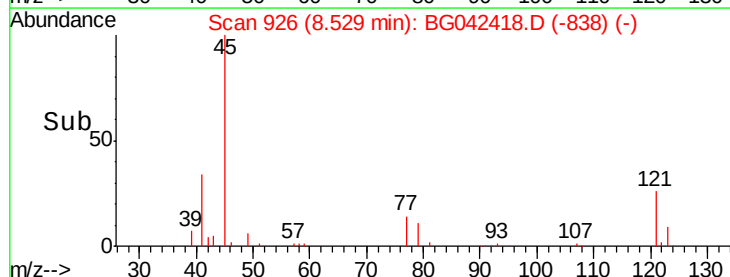
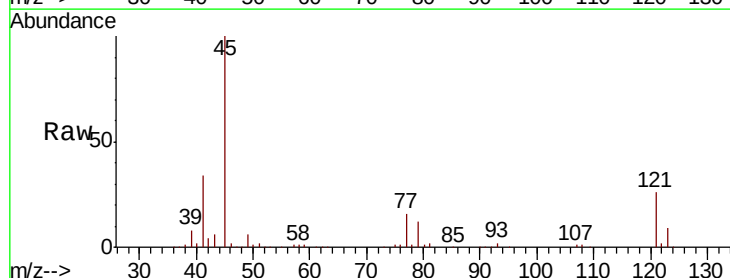
Instrument :
BNA_G
ClientSampled :

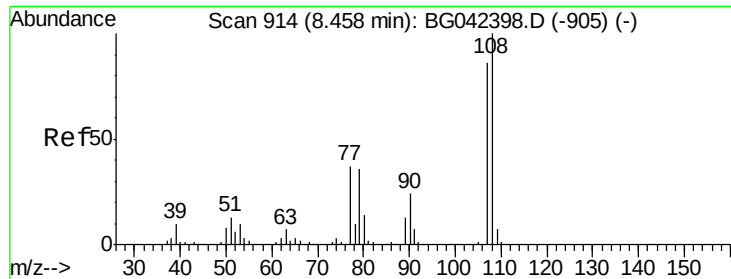
Tot Ion: 79 Resp: 133113
Ion Ratio Lower Upper
79 100
108 88.3 67.4 101.2
77 64.9 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.933 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion: 45 Resp: 218214
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.6
79 12.0 0.0 31.6





#17

2-Methylphenol

Concen: 28.023 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042418.D

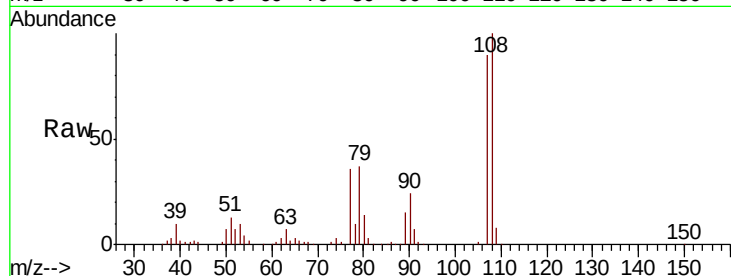
Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	146247
Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.9	139.3
77	40.0	34.4	51.6
79	40.5	33.8	50.6

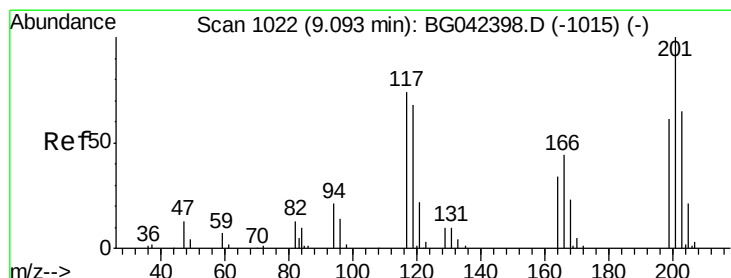
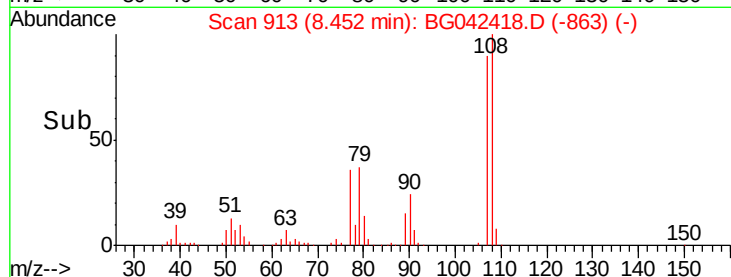
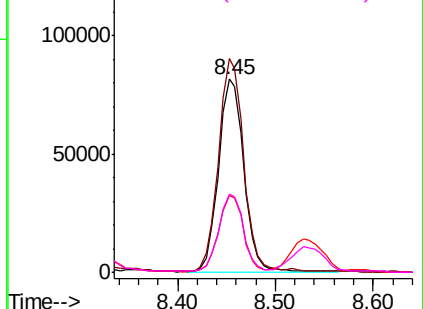


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 24.878 ng

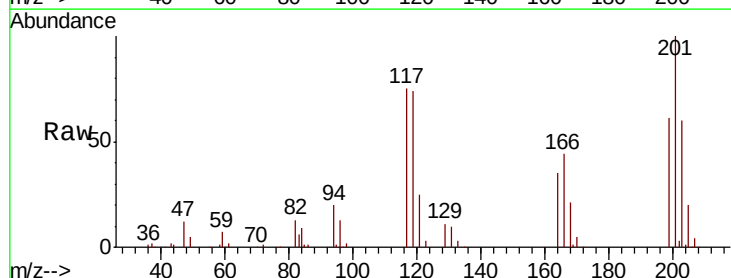
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

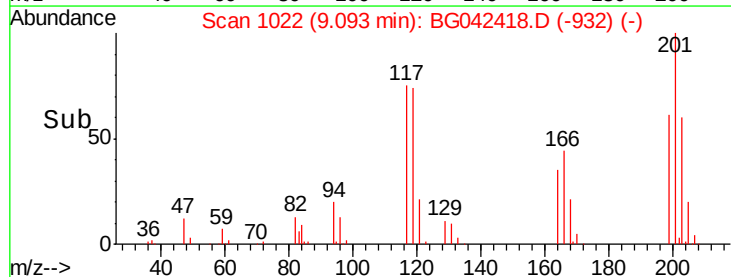
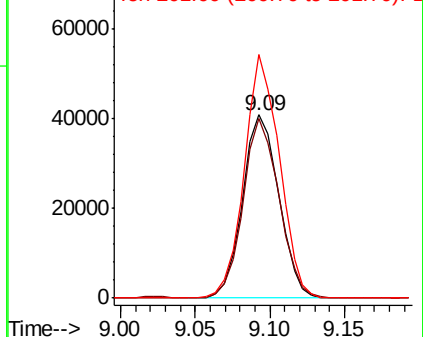
Tgt Ion:	117	Resp:	68617
Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.8	110.8
201	133.0	108.3	162.5

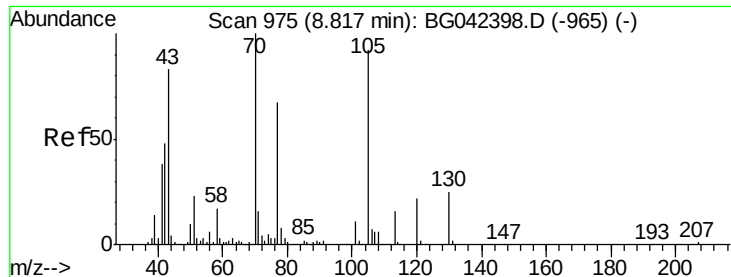


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

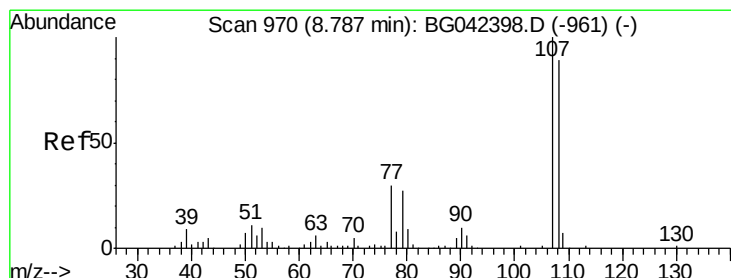
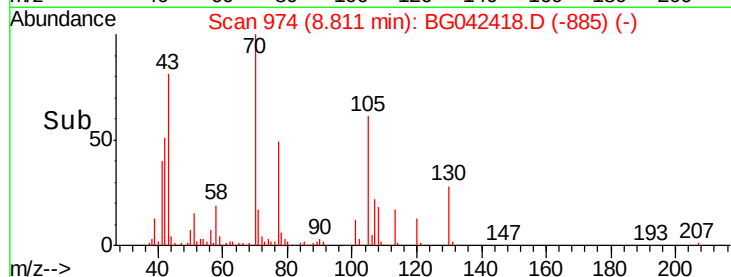
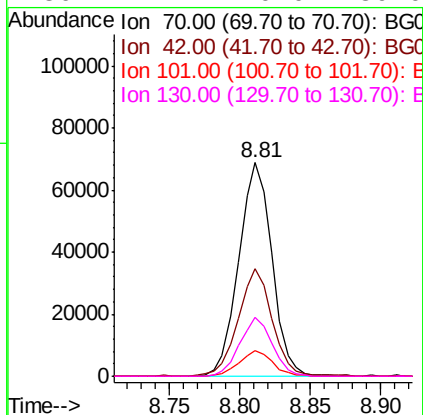
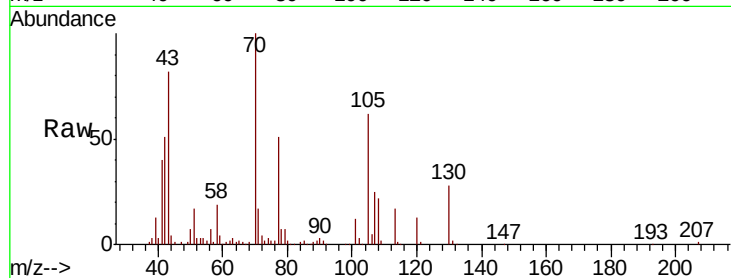




#19
n-Nitroso-di-n-propylamine
Concen: 25.118 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

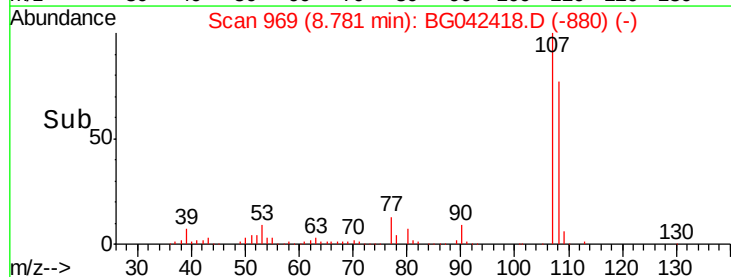
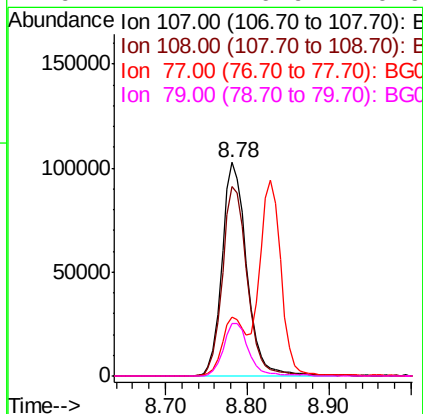
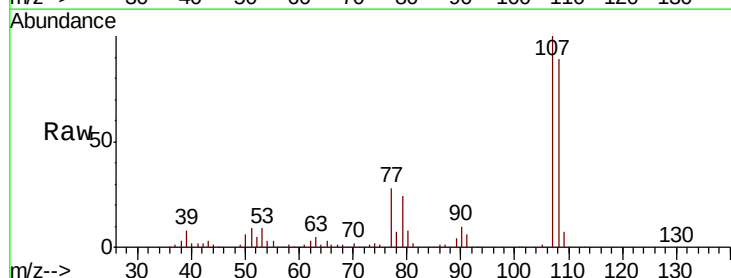
Instrument :
BNA_G
ClientSampleId :

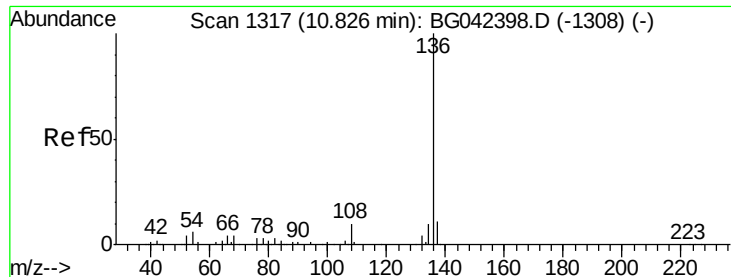
Tot Ion:	70	Resp:	113400
Ion	Ratio	Lower	Upper
70	100		
42	50.6	38.8	58.2
101	11.7	9.0	13.6
130	27.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 29.927 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:	107	Resp:	216114
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.7	108.7
77	27.7	10.2	50.2
79	24.4	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: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 418398

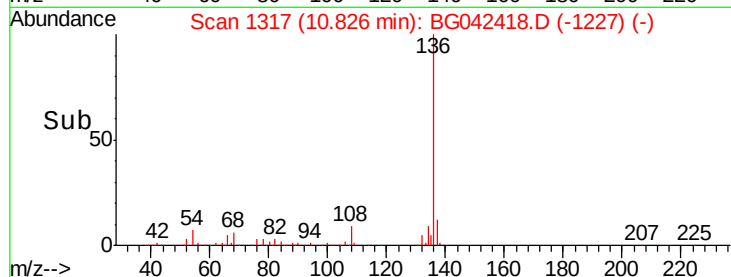
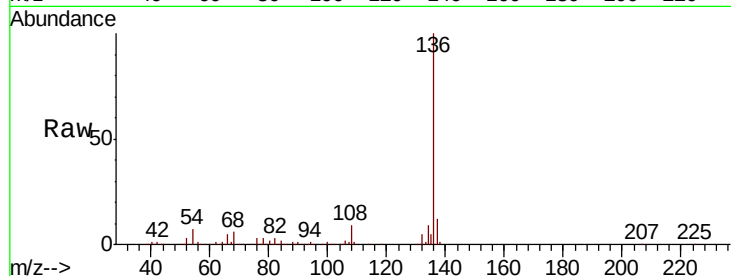
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 7.1 4.9 7.3

68 5.8 3.6 5.4#

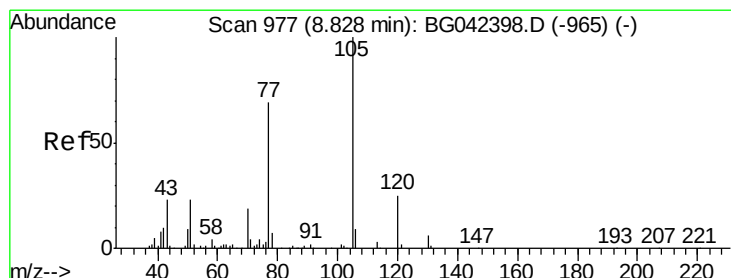
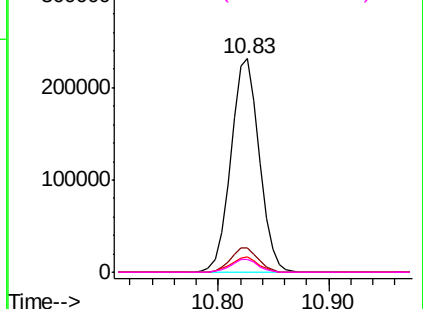


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.122 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Tgt Ion:105 Resp: 242707

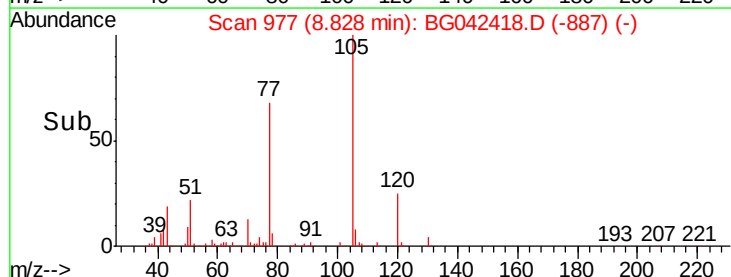
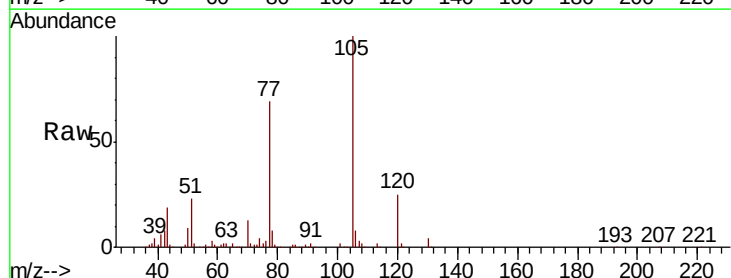
Ion Ratio Lower Upper

105 100

71 2.1 2.8 4.2#

51 22.5 18.7 28.1

120 25.1 20.1 30.1

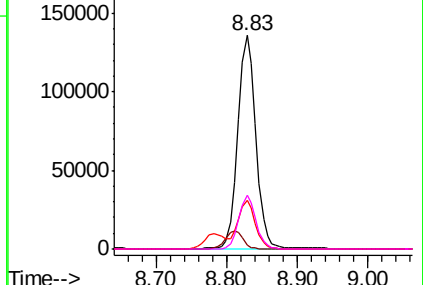


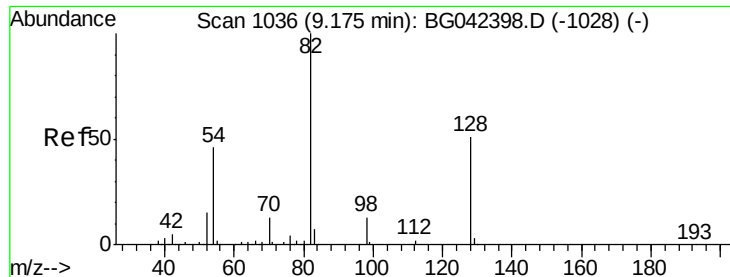
Abundance Ion 105.00 (104.70 to 105.70): E

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

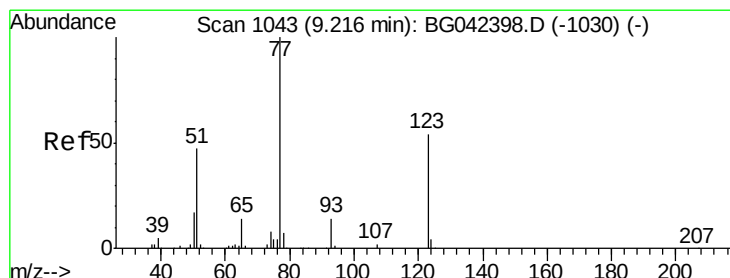
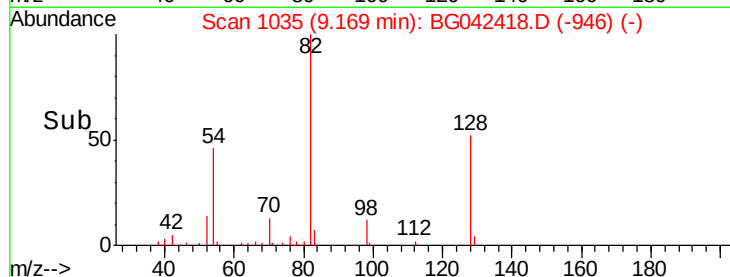
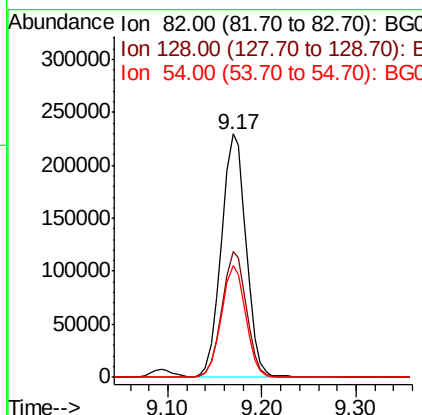
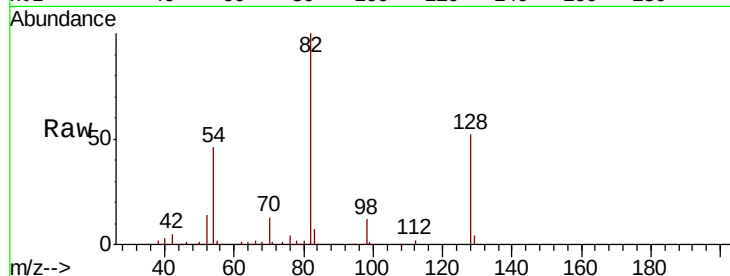




#23
 Nitrobenzene-d5
 Concen: 69.506 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

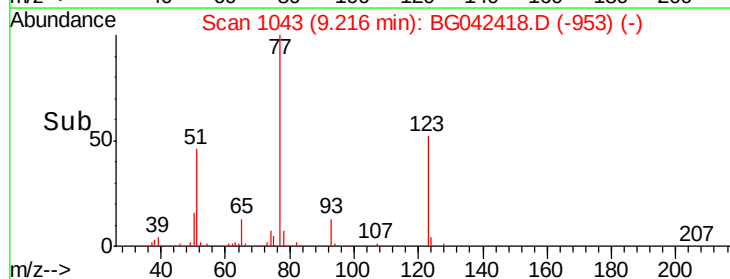
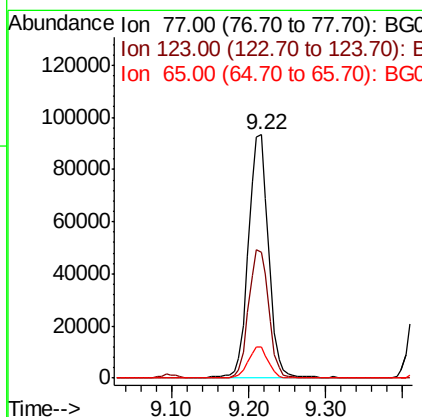
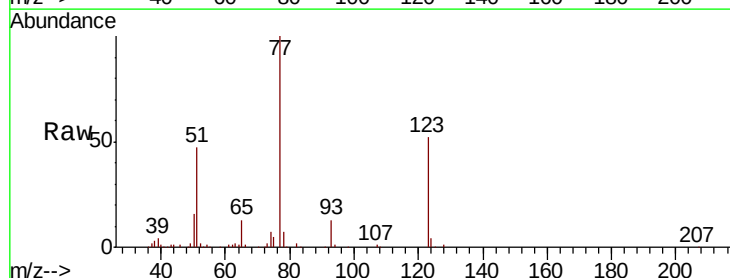
Instrument :
 BNA_G
 ClientSampleId :

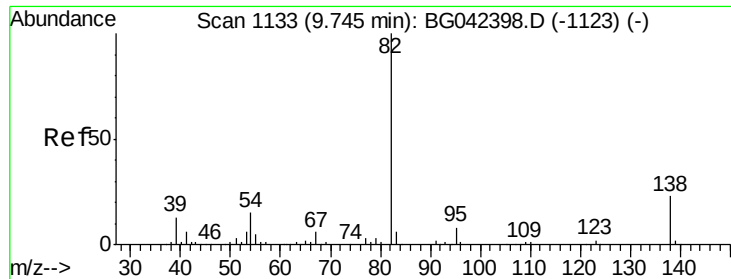
Tot Ion	82	Resp	420831
Ion Ratio	Lower	Upper	
82	100		
128	51.8	40.7	61.1
54	46.0	36.3	54.5



#24
 Nitrobenzene
 Concen: 27.896 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	77	Resp	171035
Ion Ratio	Lower	Upper	
77	100		
123	51.7	43.4	65.0
65	12.7	11.0	16.6





#25

Isophorone

Concen: 32.323 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

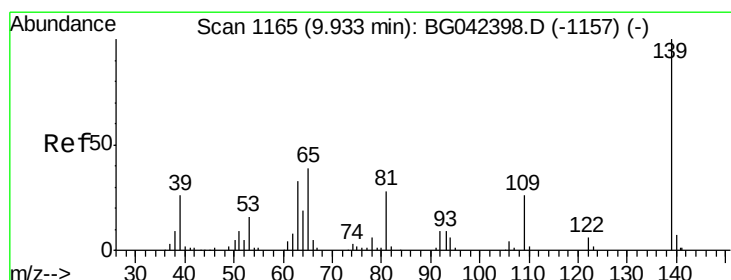
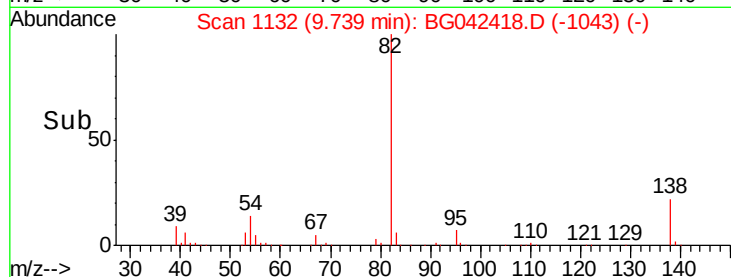
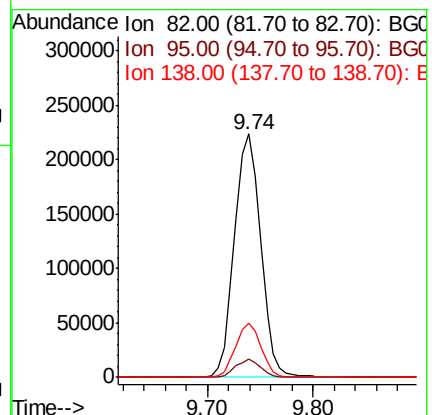
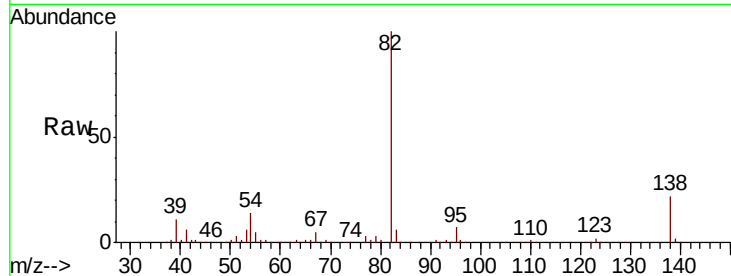
Tot Ion: 82 Resp: 386231

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 22.2 18.6 27.8



#26

2-Nitrophenol

Concen: 26.999 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

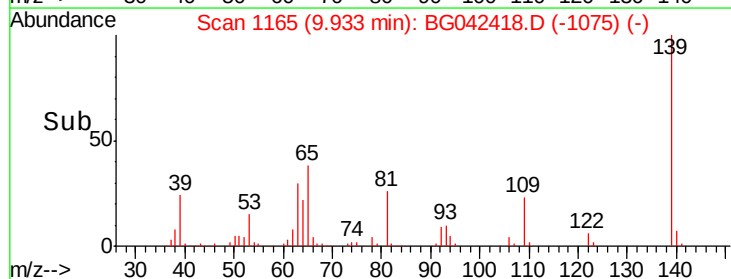
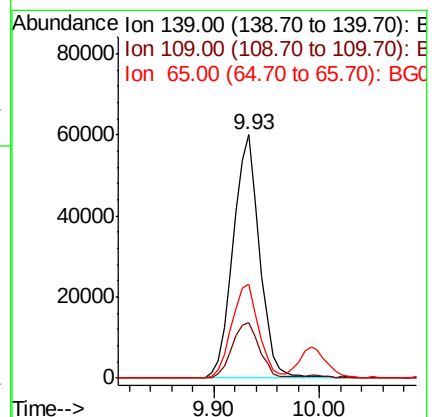
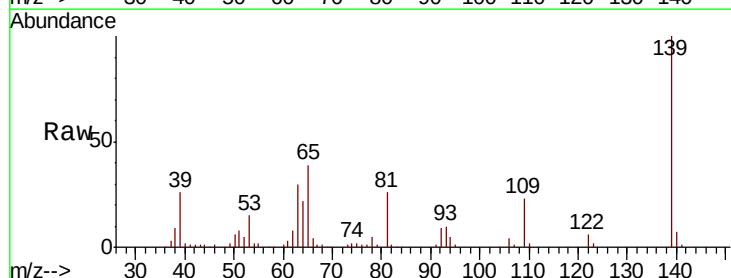
Tgt Ion: 139 Resp: 103734

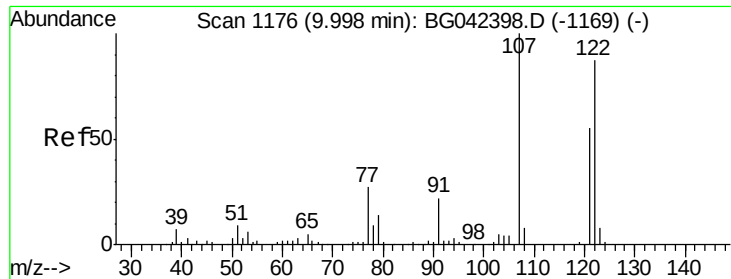
Ion Ratio Lower Upper

139 100

109 22.8 20.5 30.7

65 38.6 30.9 46.3

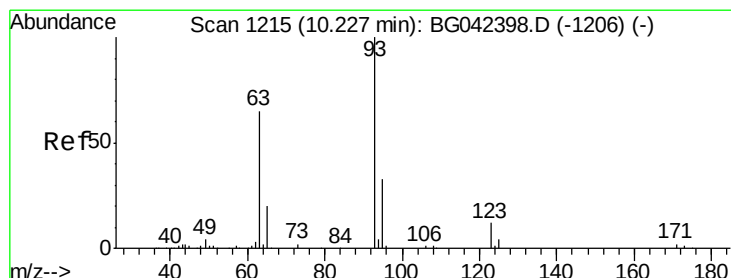
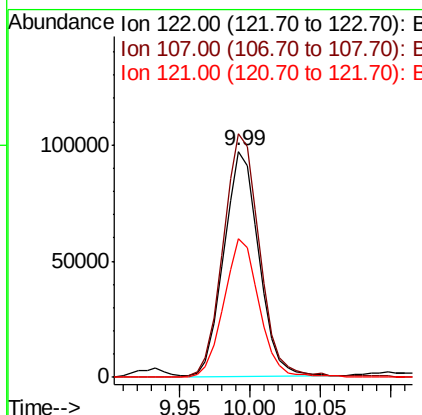
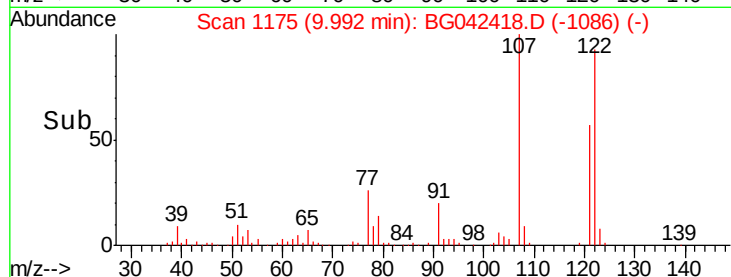
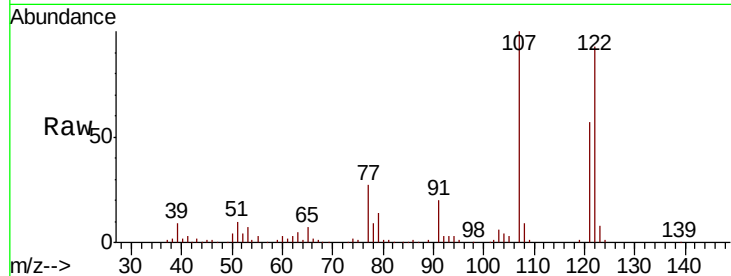




#27
 2,4-Dimethylphenol
 Concen: 31.692 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

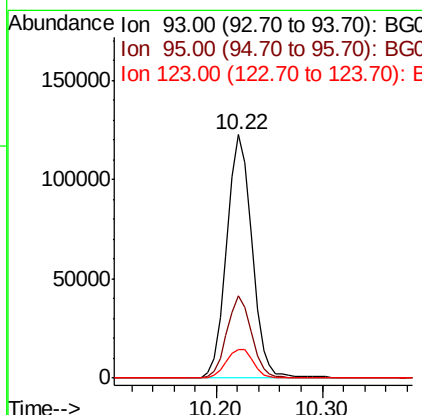
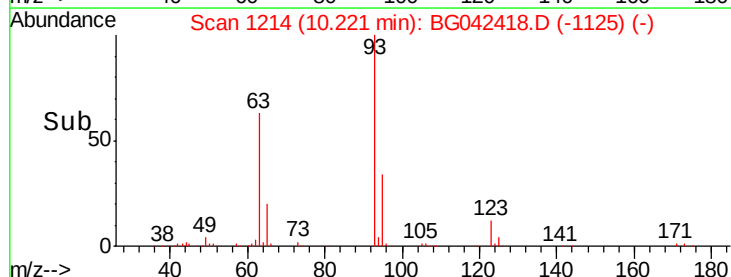
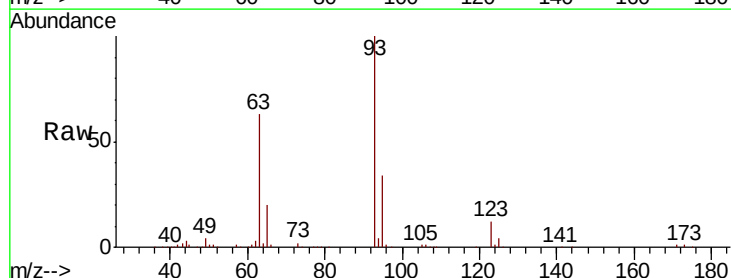
Instrument :
 BNA_G
 ClientSampleId :

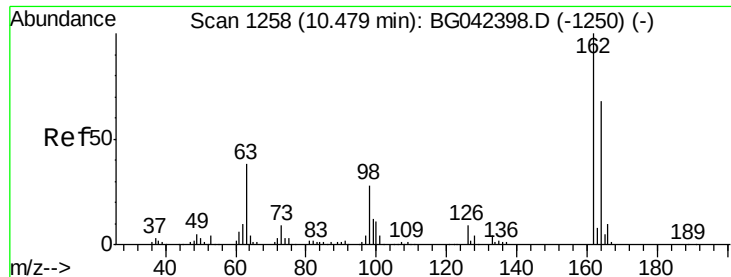
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	90.8	136.2
121	61.5	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.972 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	11.8	10.1	15.1





#29

2,4-Dichlorophenol

Concen: 33.791 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

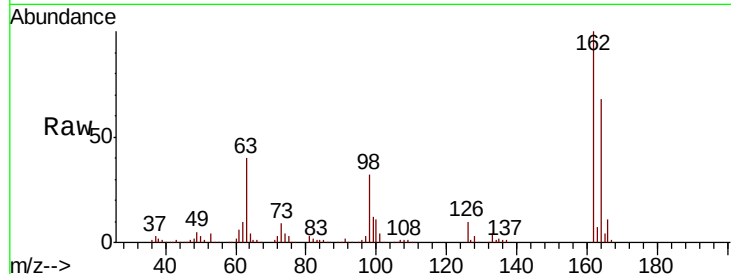
Tot Ion:162 Resp: 233991

Ion Ratio Lower Upper

162 100

164 67.9 48.1 88.1

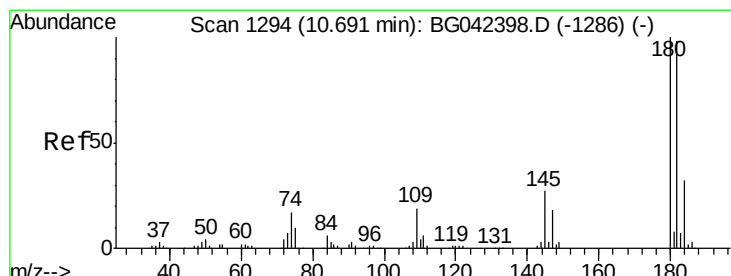
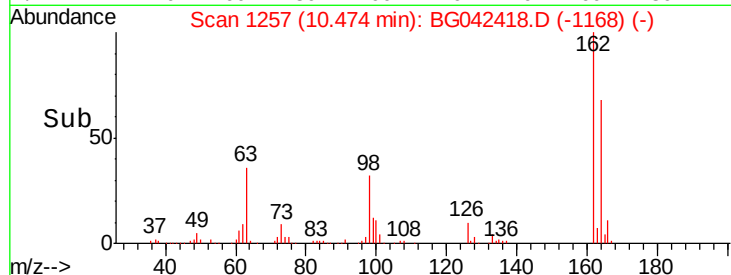
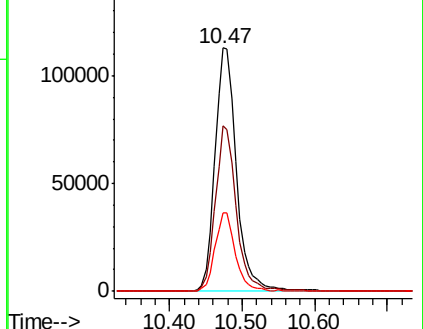
98 32.2 7.6 47.6



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: 29.092 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

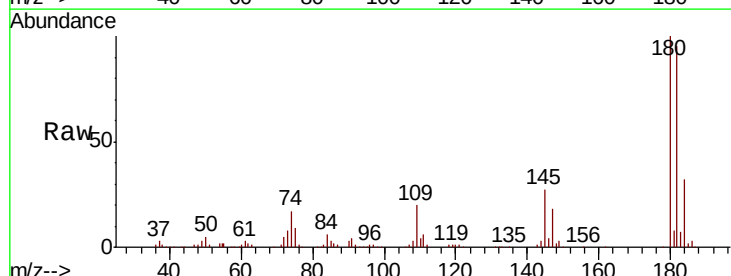
Tgt Ion:180 Resp: 247265

Ion Ratio Lower Upper

180 100

182 95.4 78.7 118.1

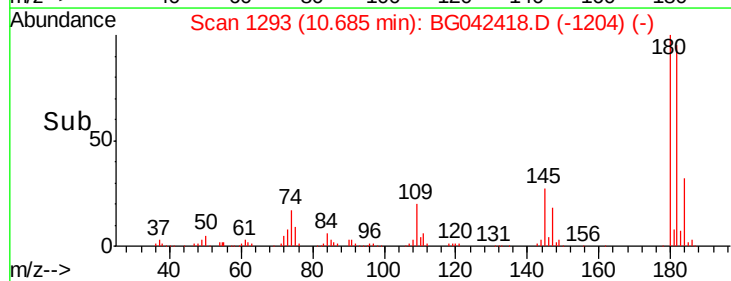
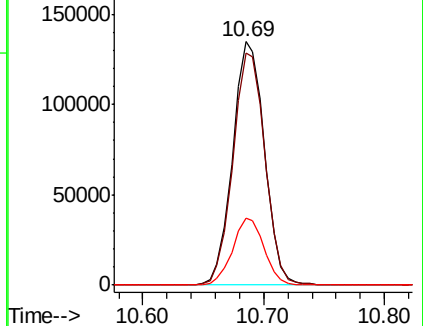
145 27.4 21.6 32.4

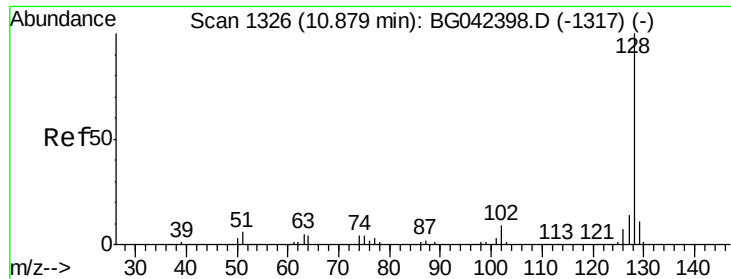


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

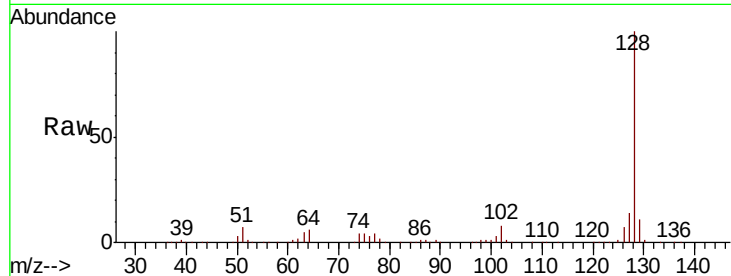




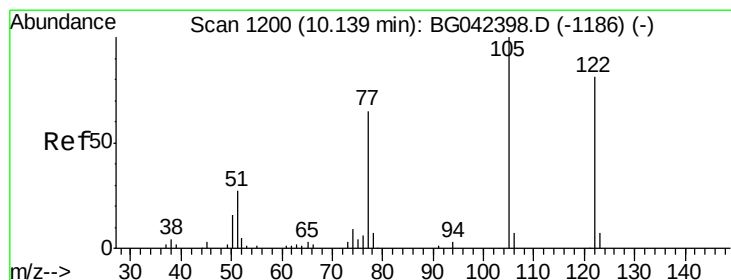
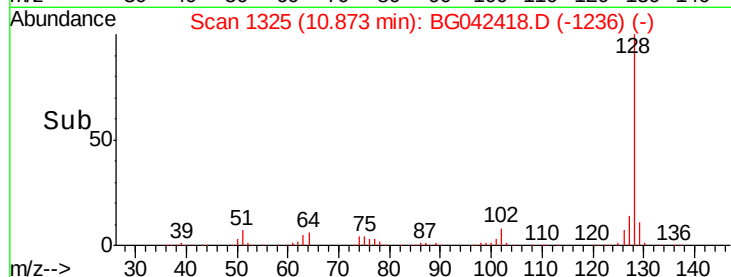
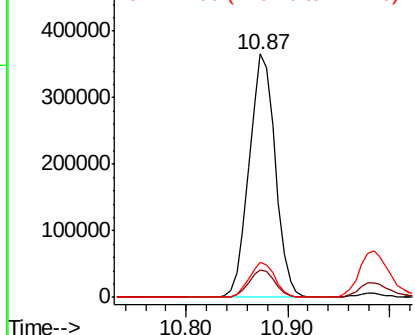
#31
Naphthalene
Concen: 33.672 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.3	11.4	17.0

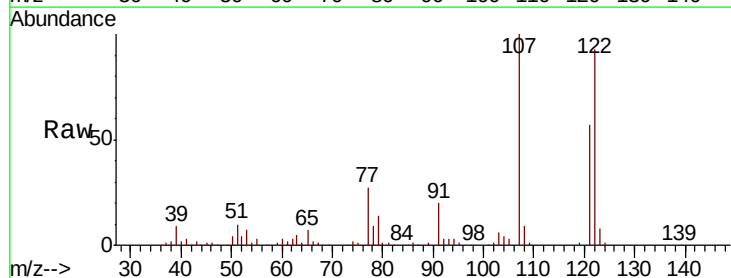


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

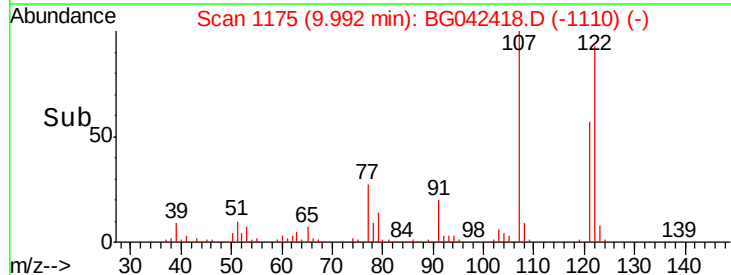
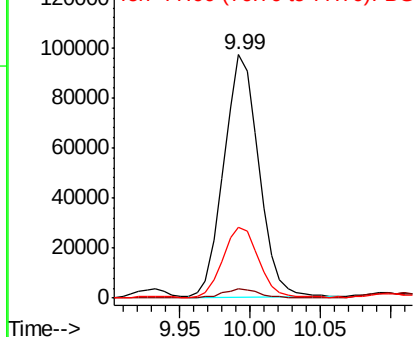


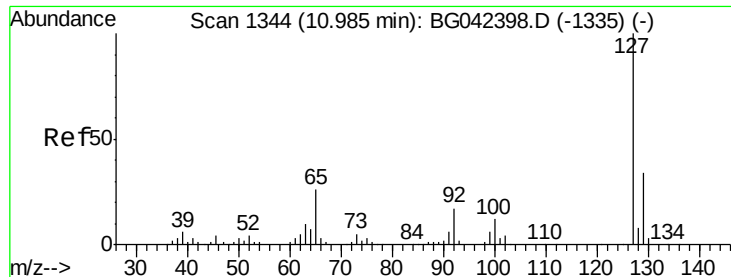
#32
Benzoic acid
Concen: 44.406 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.15 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	99.6	139.6#
77	29.0	59.5	99.5#



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

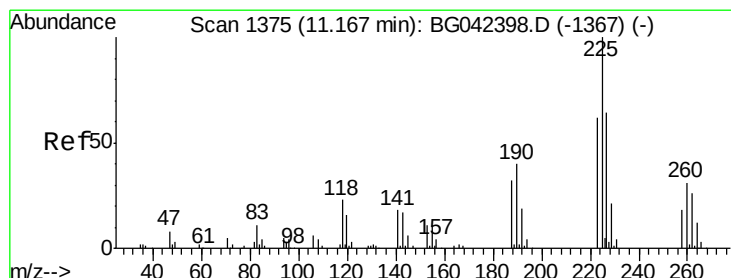
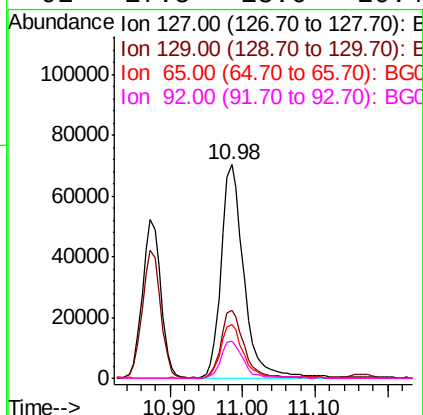
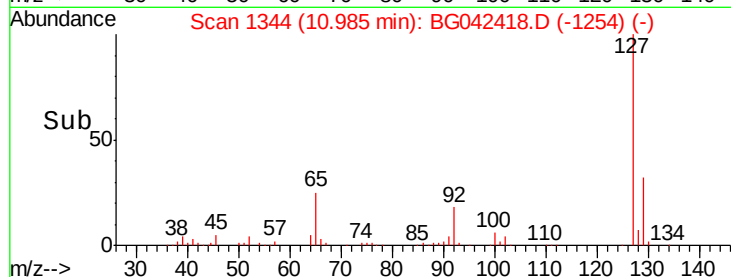
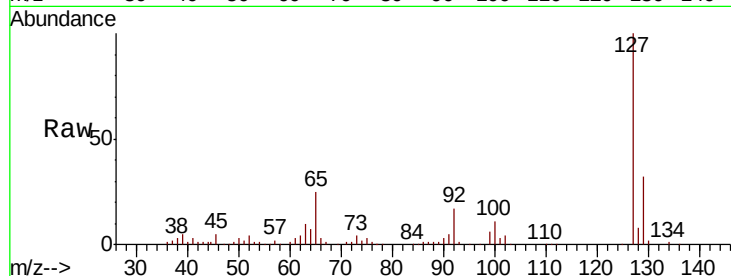




#33
4-Chloroaniline
Concen: 17.226 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

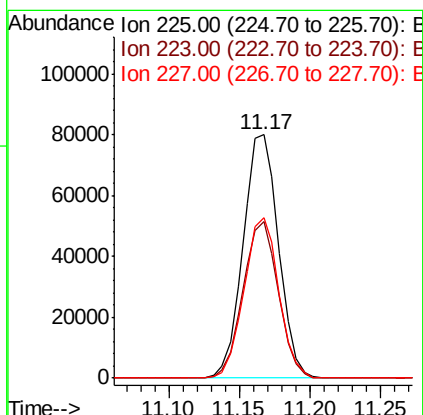
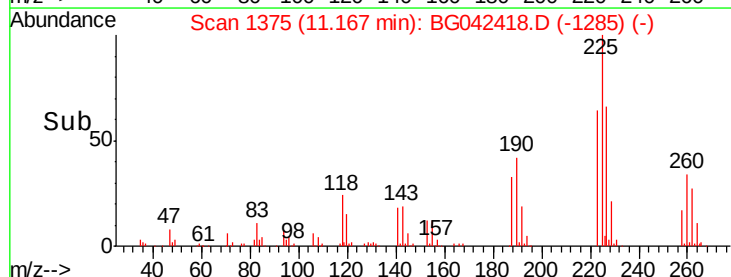
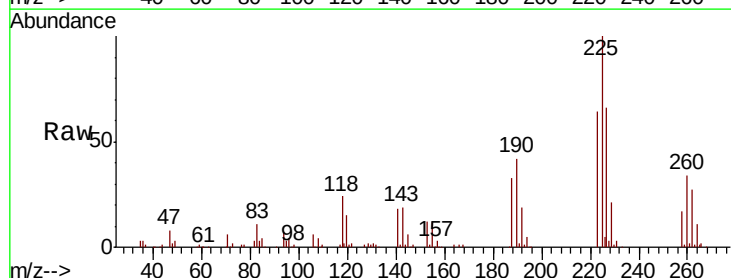
Instrument :
BNA_G
ClientSampleId :

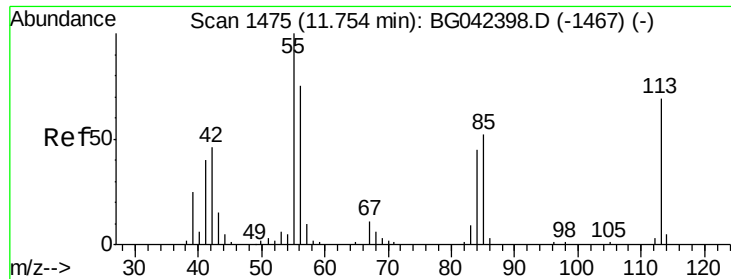
Tot Ion:	127	Resp:	154471
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.8	40.2
65	25.3	20.7	31.1
92	17.5	13.6	20.4



#34
Hexachlorobutadiene
Concen: 24.588 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:	225	Resp:	140453
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	65.7	50.9	76.3

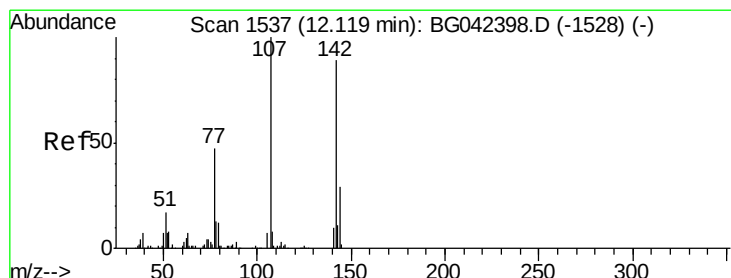
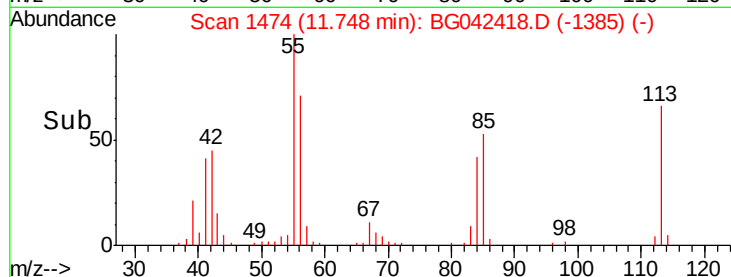
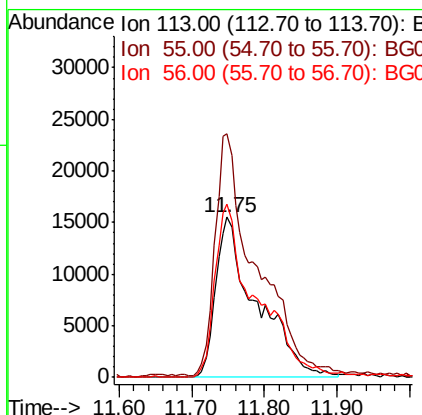
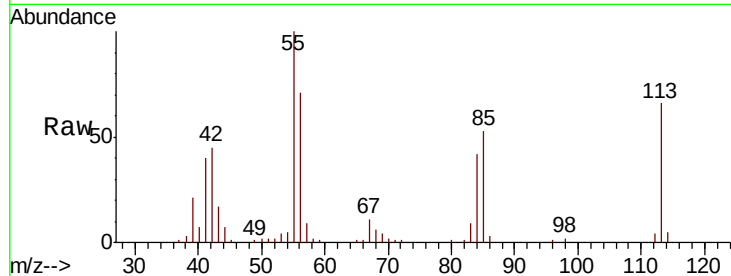




#35
 Caprolactam
 Concen: 26.258 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

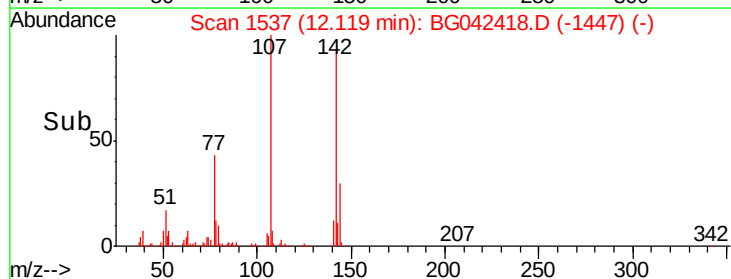
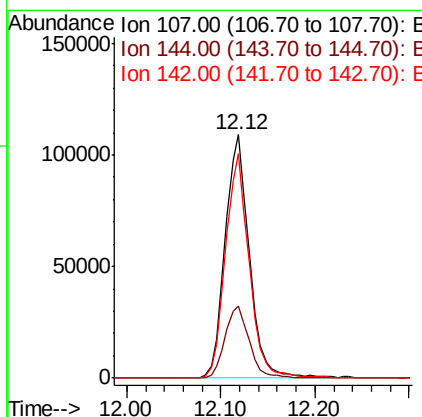
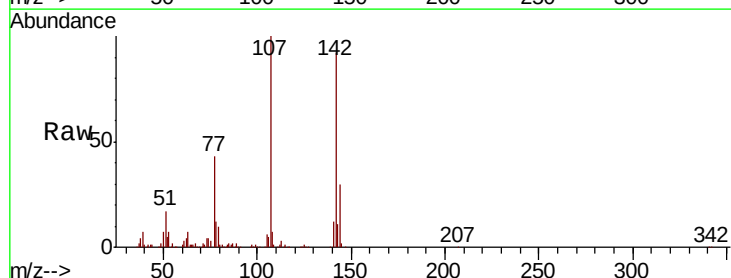
Instrument :
 BNA_G
 ClientSampleId :

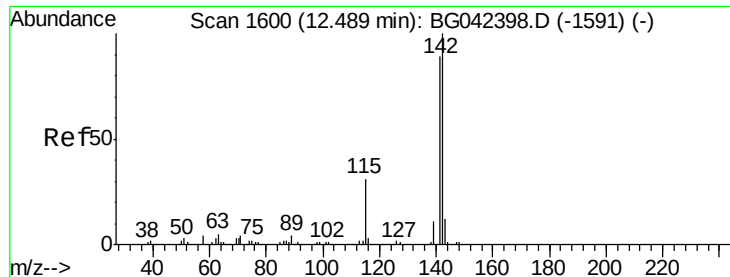
Tot Ion:113 Resp: 60671
 Ion Ratio Lower Upper
 113 100
 55 152.1 124.6 164.6
 56 108.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 29.730 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion:107 Resp: 195431
 Ion Ratio Lower Upper
 107 100
 144 29.8 23.6 35.4
 142 92.4 71.0 106.4

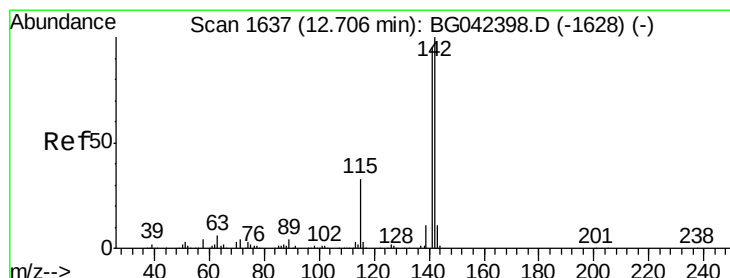
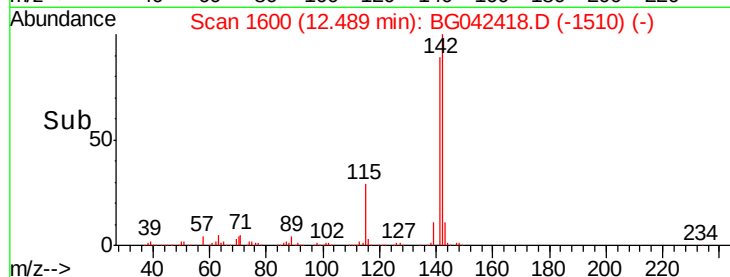
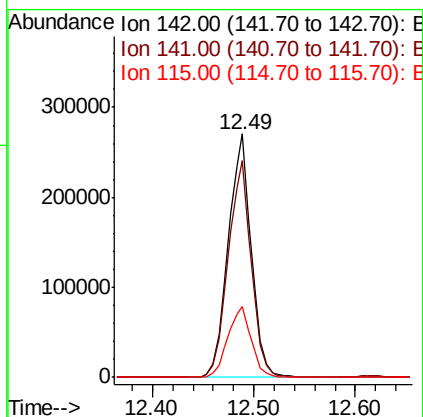
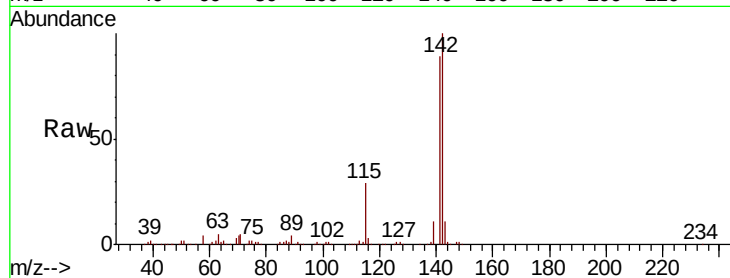




#37
 2-Methylnaphthalene
 Concen: 27.131 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

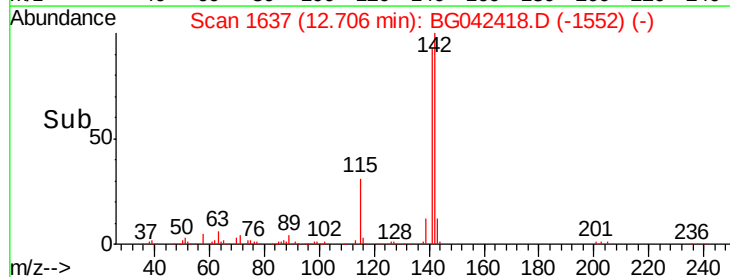
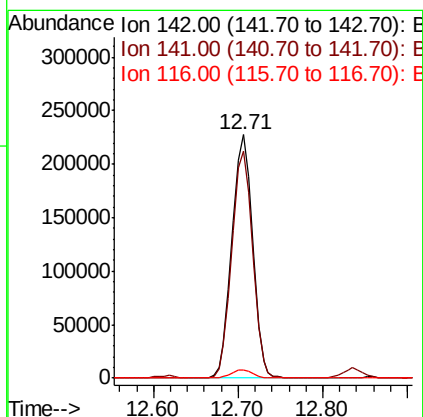
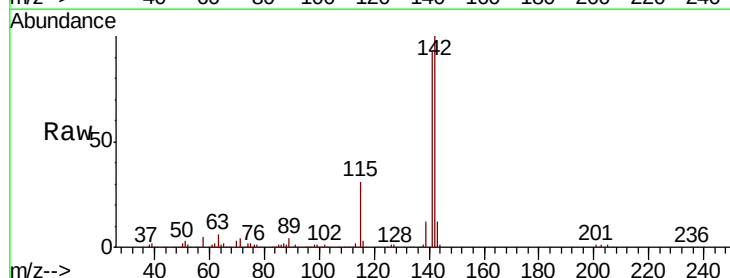
Instrument :
 BNA_G
 ClientSampleId :

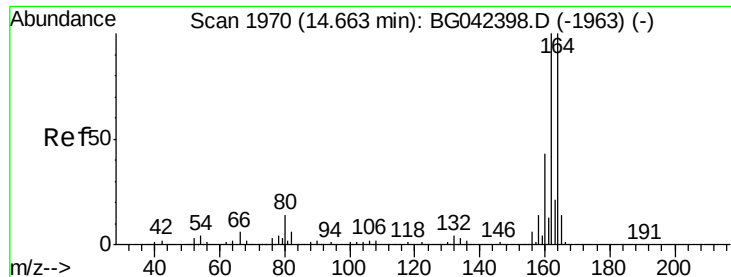
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	28.9	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 25.839 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.2	114.2
116	3.2	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

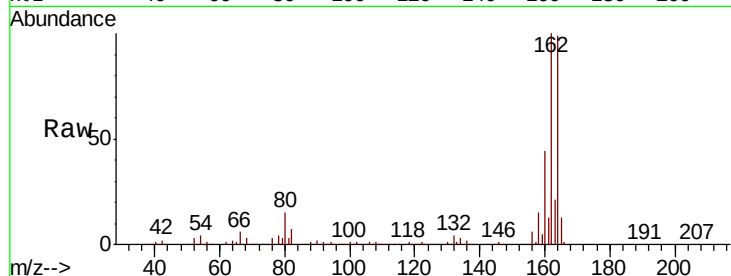
Tot Ion:164 Resp: 232773

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

160 44.3 34.3 51.5

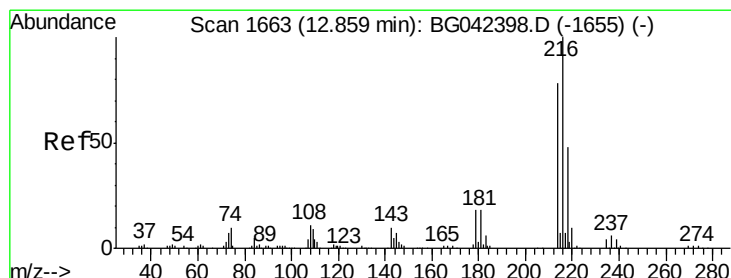
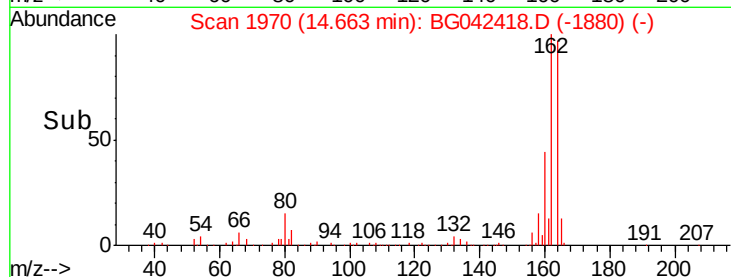
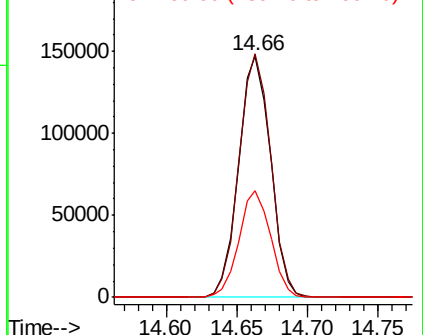


Abundance

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: 31.909 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Tgt Ion:216 Resp: 238524

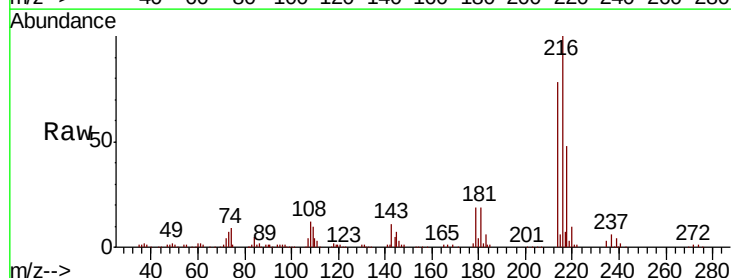
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 19.7 15.1 22.7

108 13.2 9.4 14.0



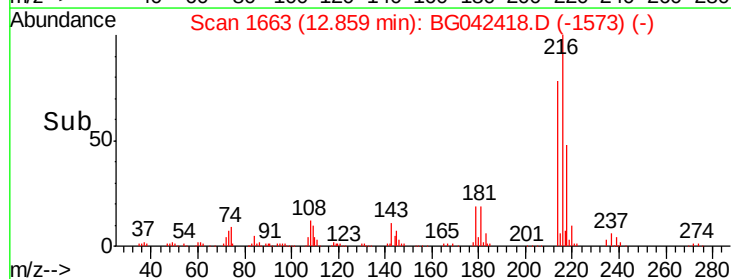
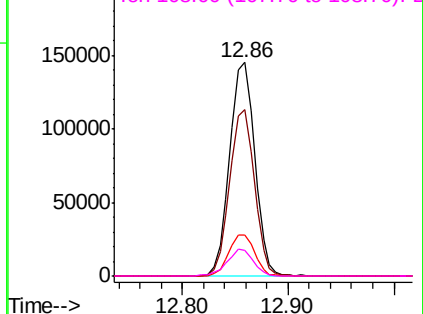
Abundance

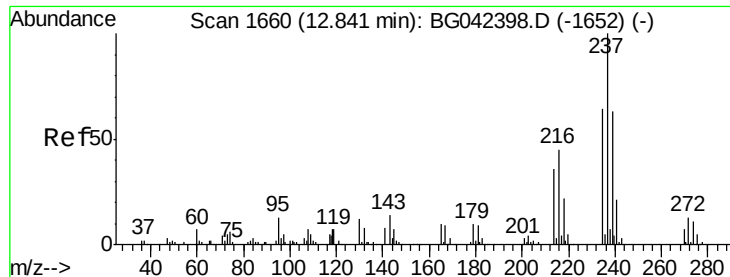
Ion 216.00 (215.70 to 216.70): E

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: 38.687 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

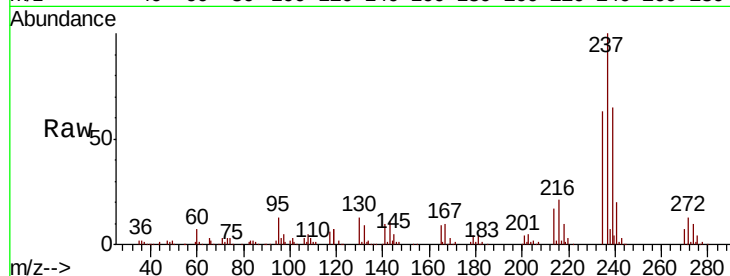
Tot Ion:237 Resp: 151911

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

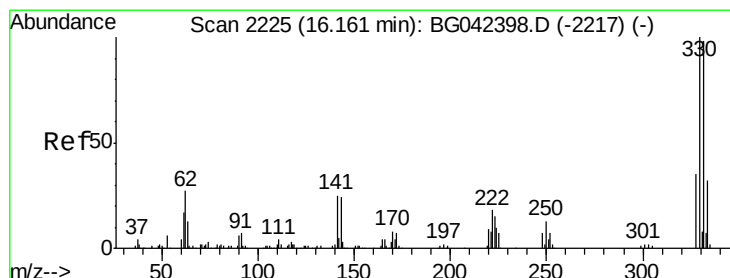
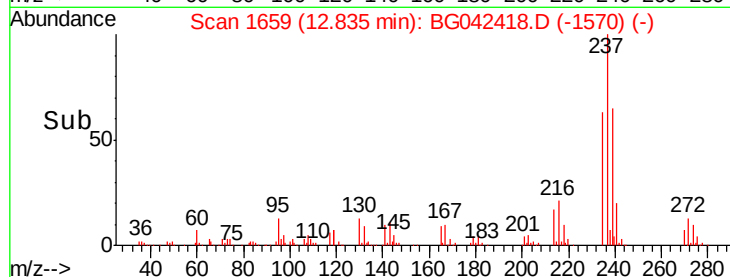
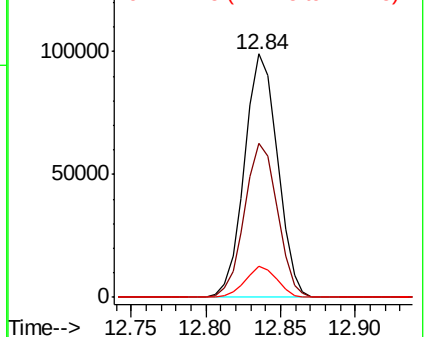
272 12.8 0.0 33.3



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: 109.527 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

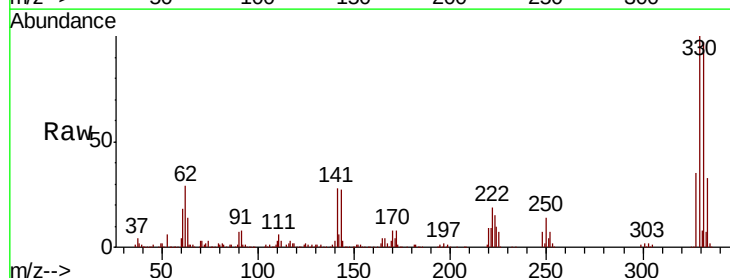
Tgt Ion:330 Resp: 362368

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

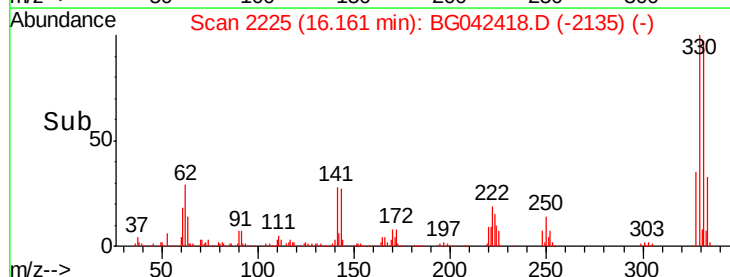
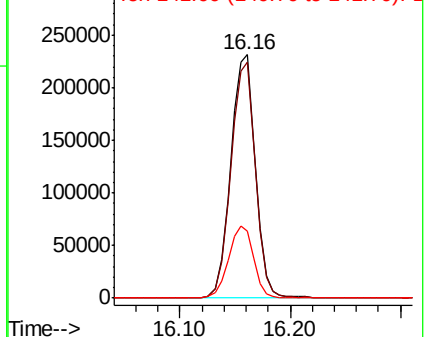
141 30.4 21.4 32.0

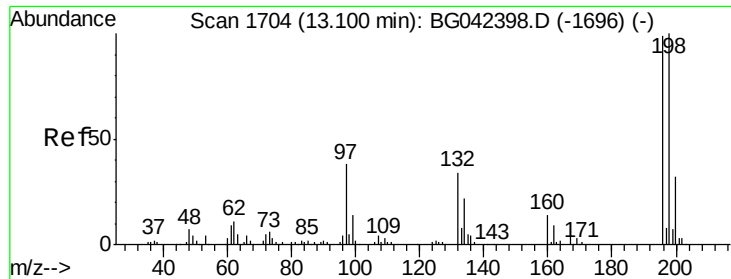


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

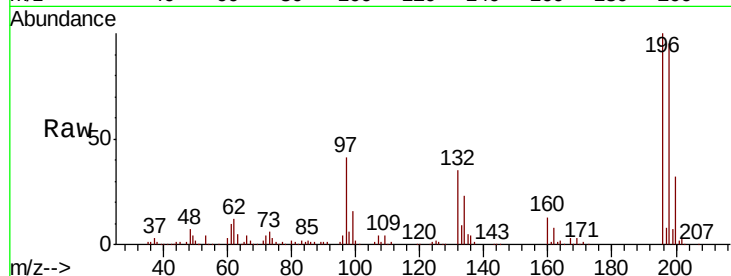




#43
 2,4,6-Trichlorophenol
 Concen: 32.875 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	80.7	121.1
200	31.9	25.7	38.5

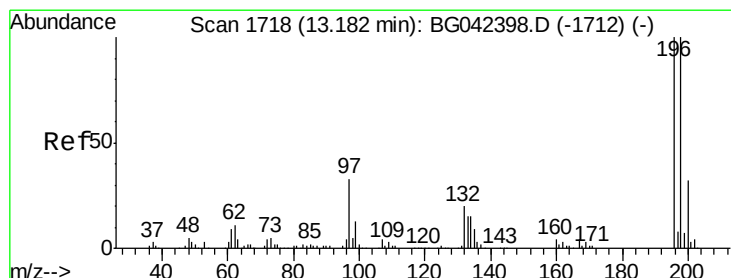
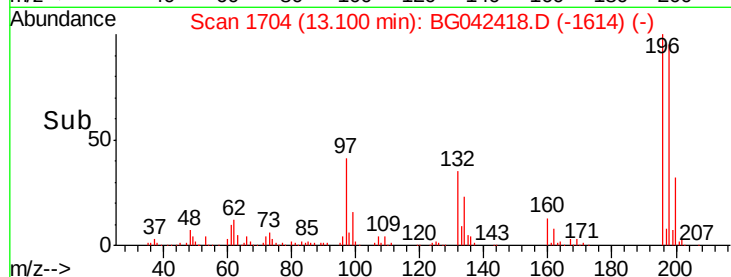
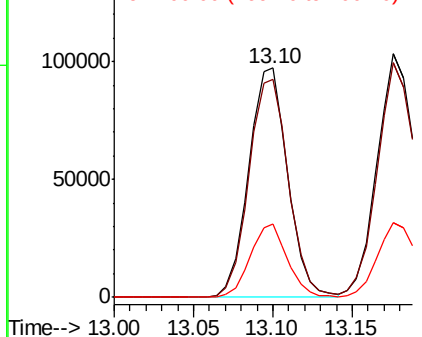


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.784 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	80.2	120.4
97	34.3	26.3	39.5
132	21.0	16.6	24.8

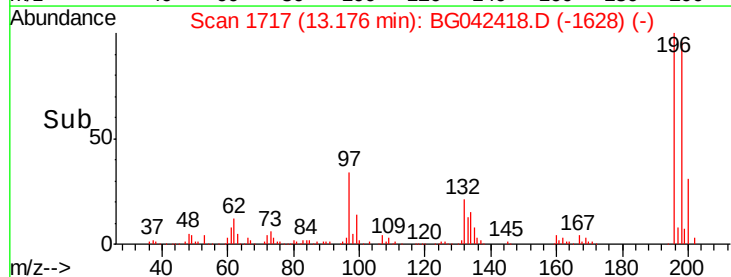
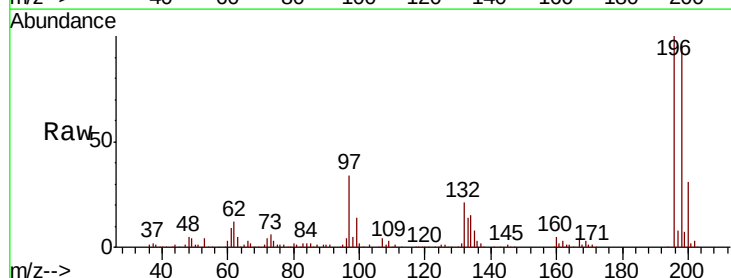
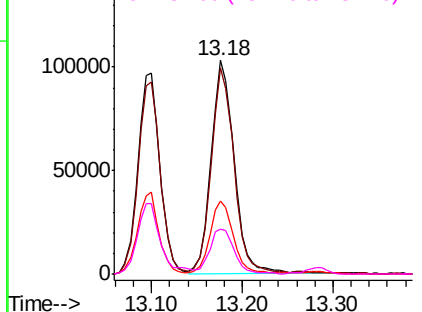
Abundance

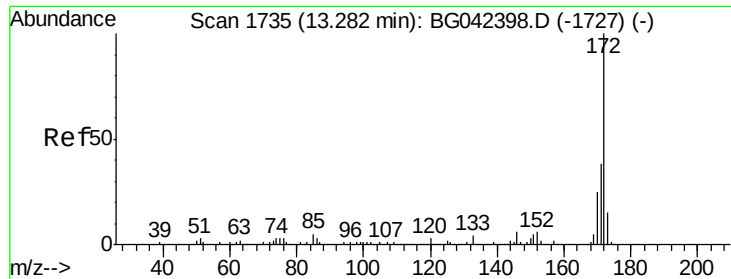
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

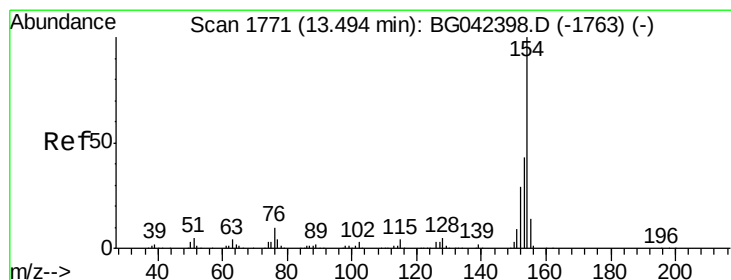
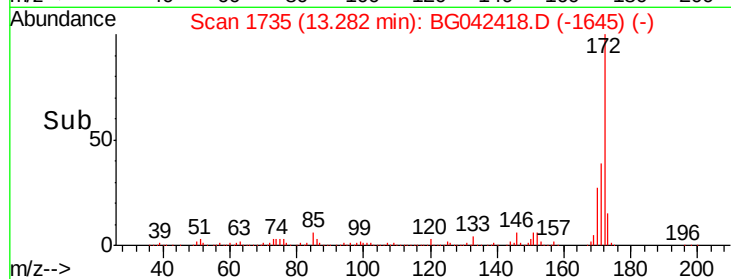
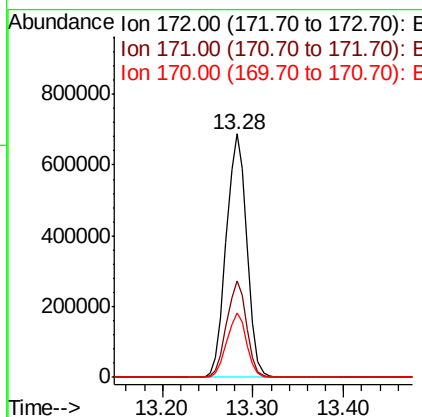
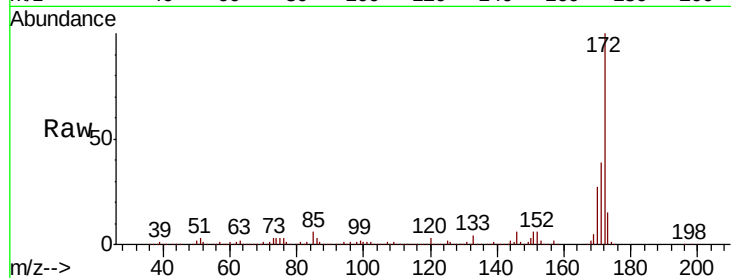




#45
2-Fluorobiphenyl
Concen: 78.675 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

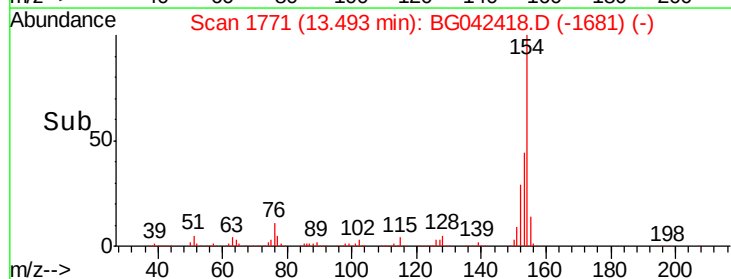
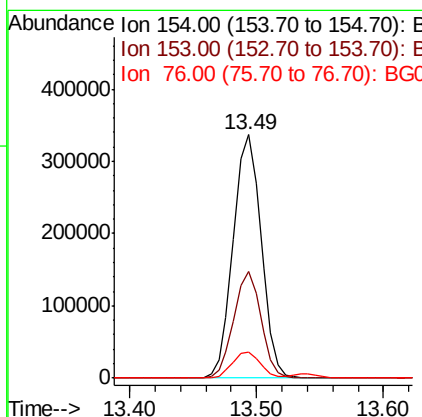
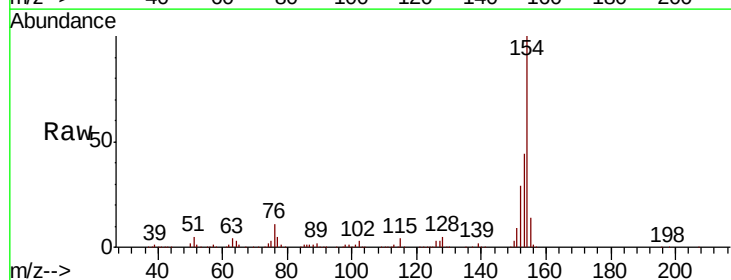
Instrument :
BNA_G
ClientSampled :

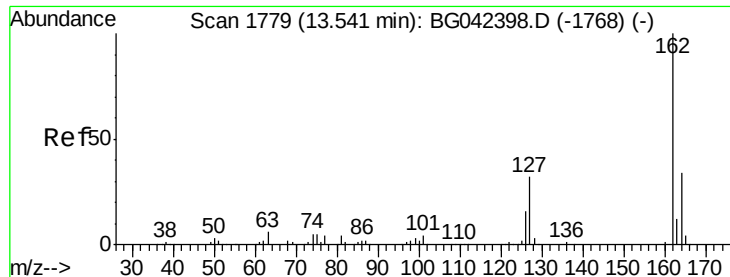
Tot Ion:172 Resp: 1082815
Ion Ratio Lower Upper
172 100
171 39.5 30.5 45.7
170 26.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 34.269 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:154 Resp: 515637
Ion Ratio Lower Upper
154 100
153 43.6 23.0 63.0
76 10.7 0.0 29.6

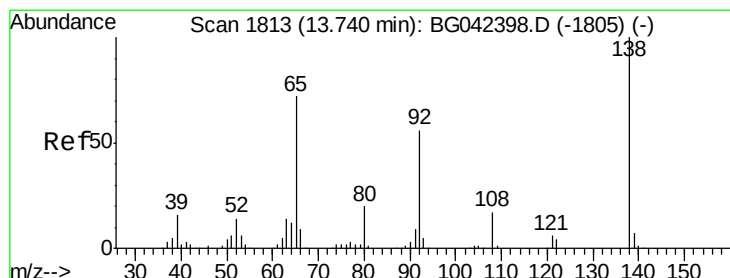
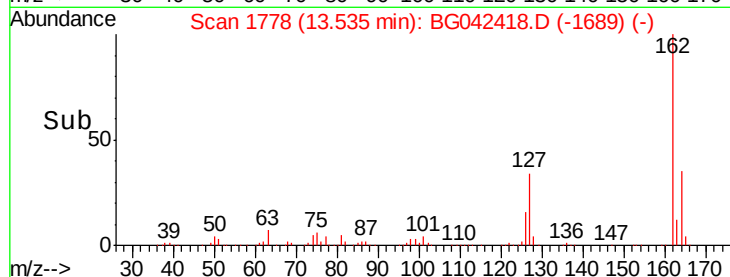
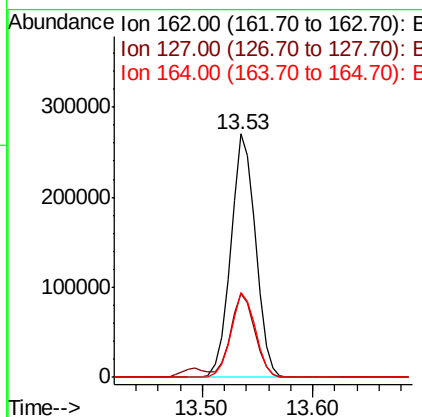
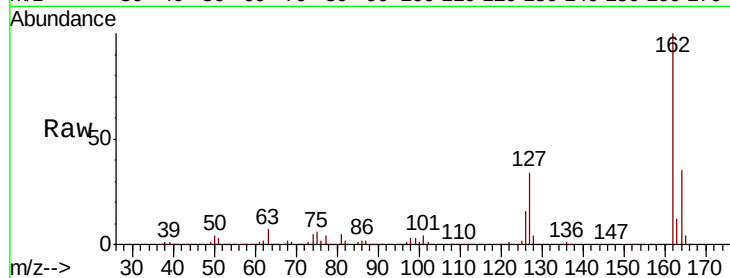




#47
 2-Chloronaphthalene
 Concen: 32.727 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

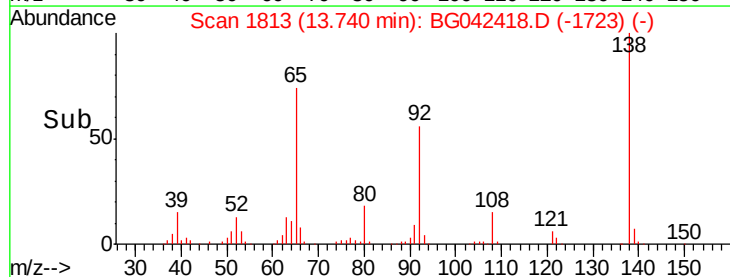
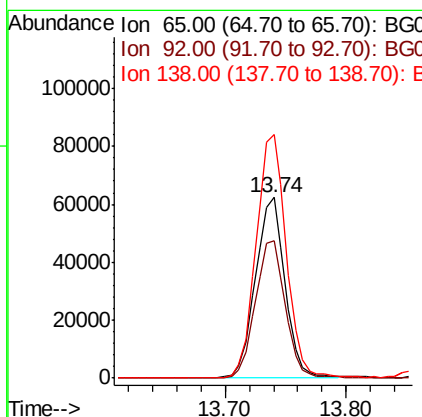
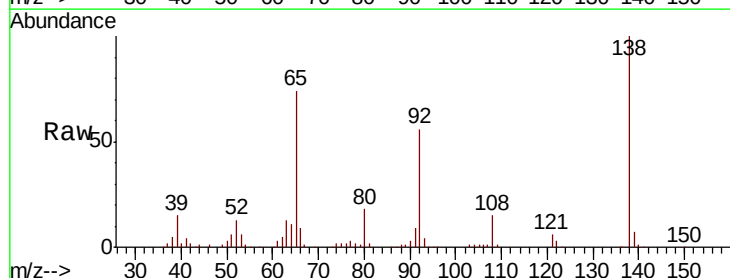
Instrument :
 BNA_G
 ClientSampleId :

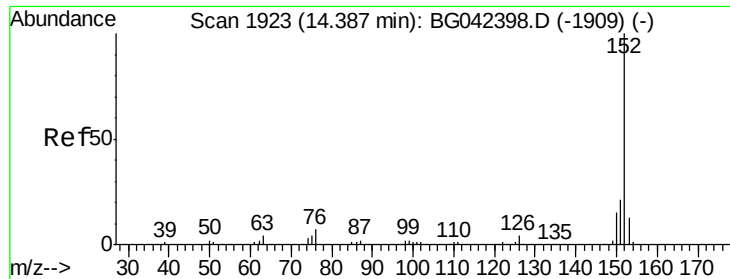
Tot Ion:162 Resp: 424606
 Ion Ratio Lower Upper
 162 100
 127 34.4 26.0 39.0
 164 34.8 27.4 41.0



#48
 2-Nitroaniline
 Concen: 33.863 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion: 65 Resp: 105945
 Ion Ratio Lower Upper
 65 100
 92 75.7 61.8 92.6
 138 134.8 111.0 166.6





#49

Acenaphthylene

Concen: 33.035 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

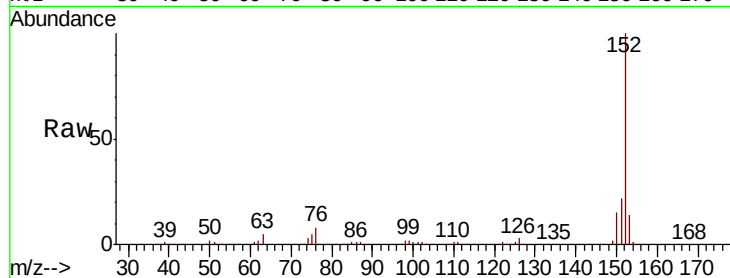
Tot Ion:152 Resp: 644813

Ion Ratio Lower Upper

152 100

151 21.8 17.0 25.4

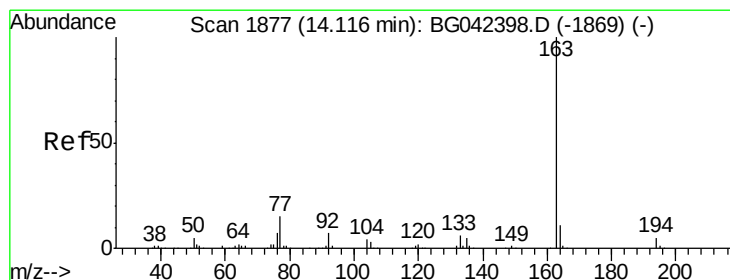
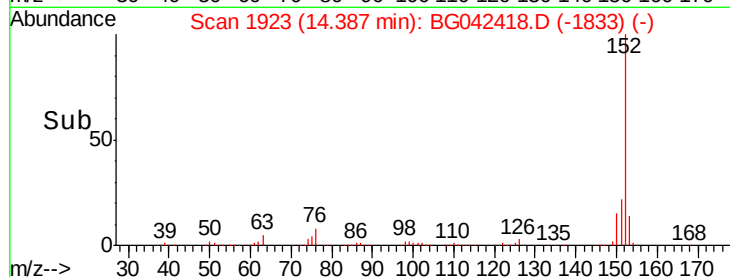
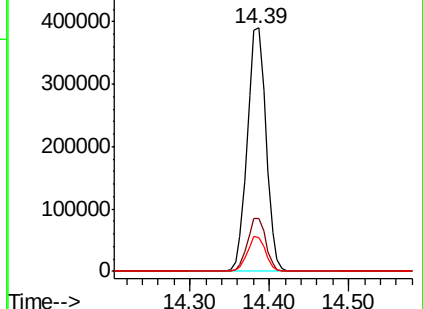
153 13.7 10.6 16.0



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: 40.073 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

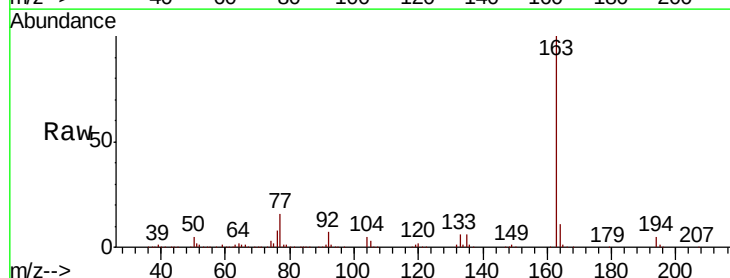
Tgt Ion:163 Resp: 673038

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

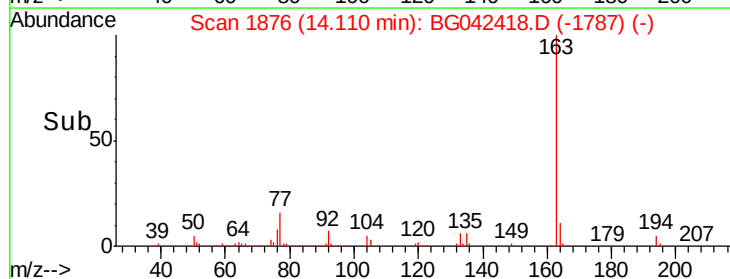
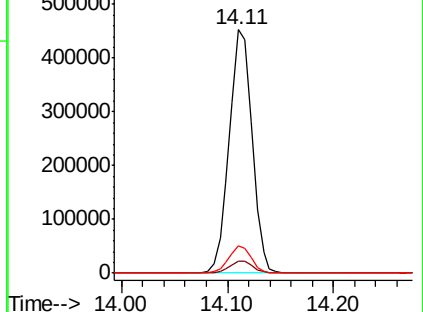
164 11.1 8.8 13.2

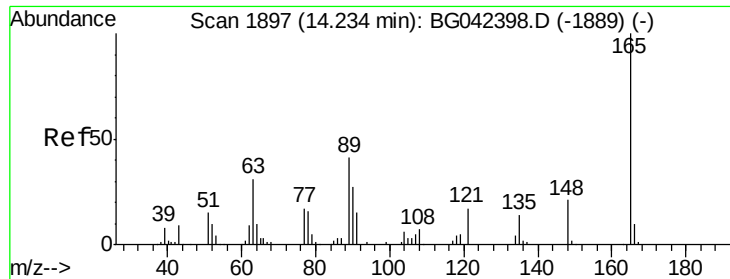


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.147 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

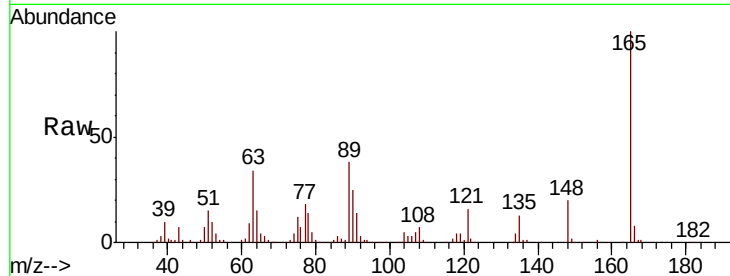
Tot Ion:165 Resp: 125149

Ion Ratio Lower Upper

165 100

63 34.0 30.6 45.8

89 37.7 32.6 49.0



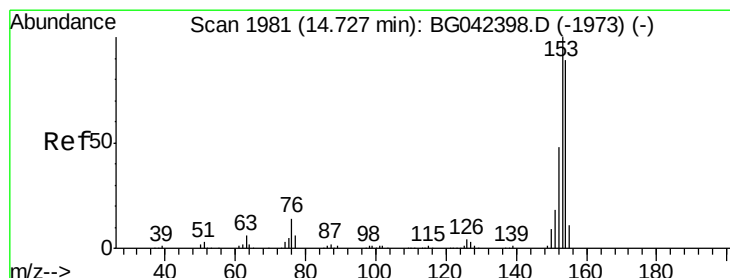
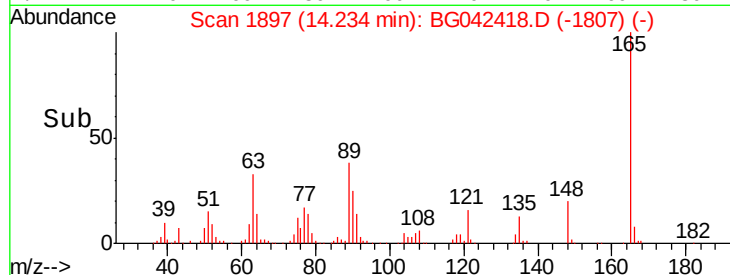
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.23

Time-->



#52

Acenaphthene

Concen: 32.224 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

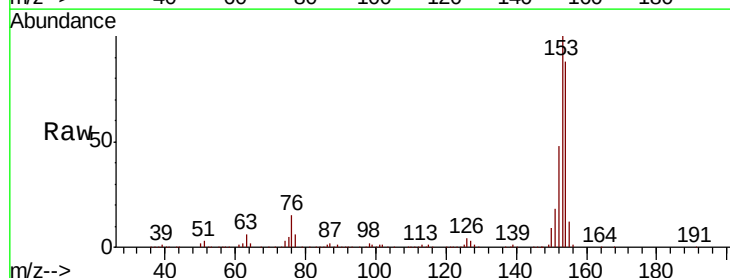
Tgt Ion:154 Resp: 381931

Ion Ratio Lower Upper

154 100

153 113.6 90.2 135.4

152 54.3 43.2 64.8



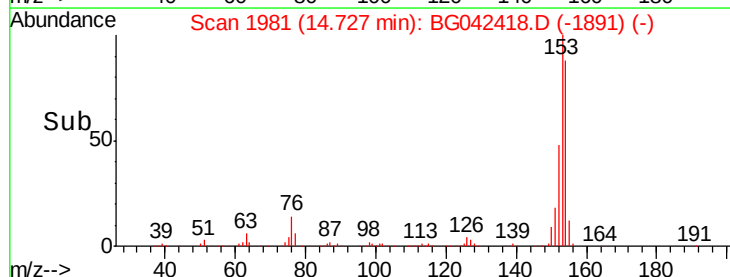
Abundance Ion 154.00 (153.70 to 154.70): E

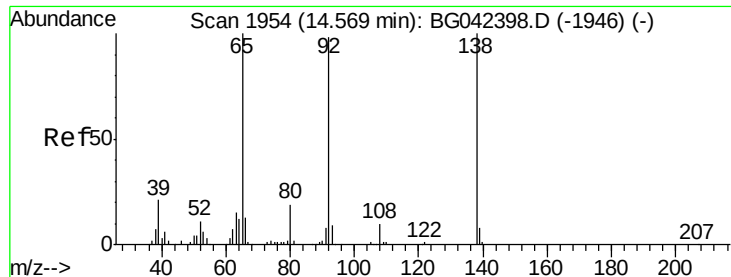
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.73

Time-->





#53

3-Nitroaniline

Concen: 26.681 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

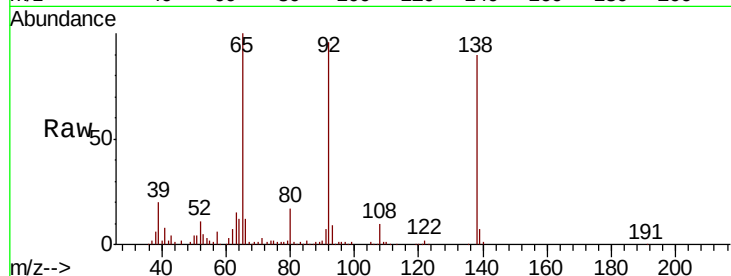
Tot Ion:138 Resp: 103880

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

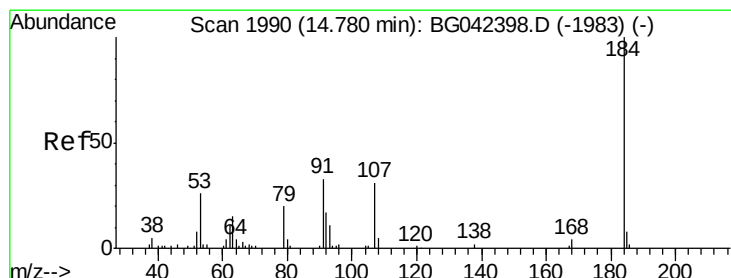
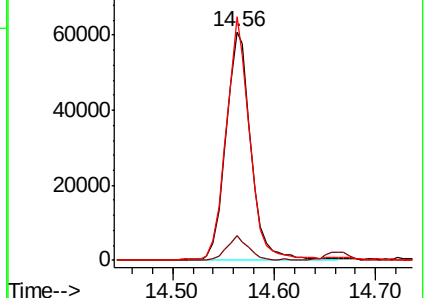
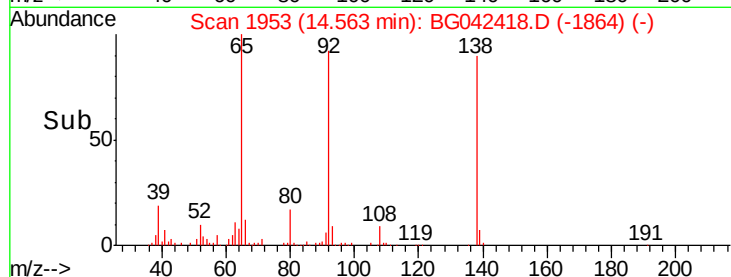
92 106.6 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 12.160 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

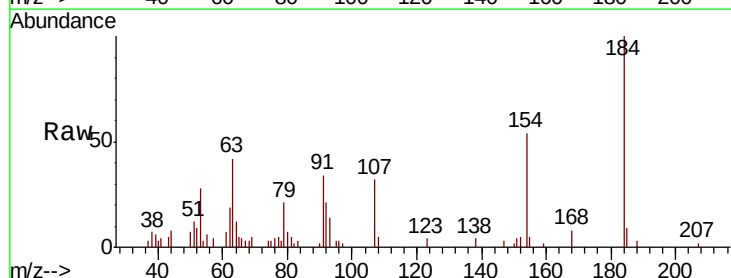
Tgt Ion:184 Resp: 16793

Ion Ratio Lower Upper

184 100

63 41.5 31.7 47.5

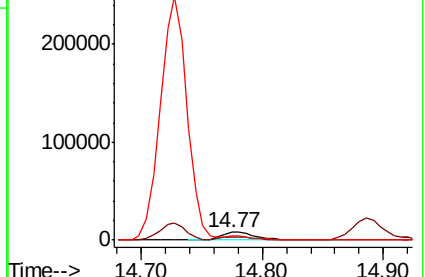
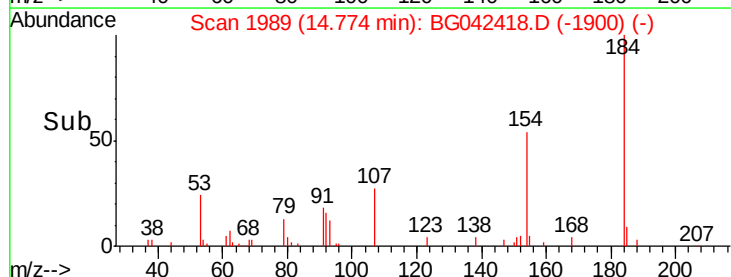
154 54.1 42.0 63.0

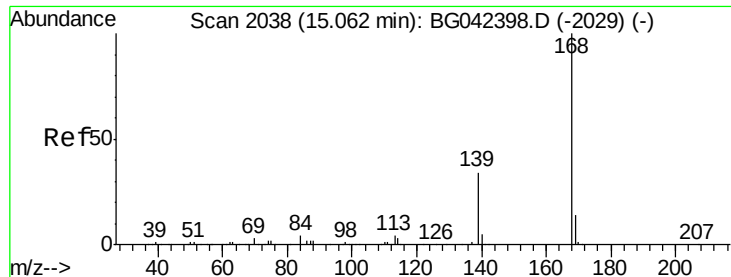


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

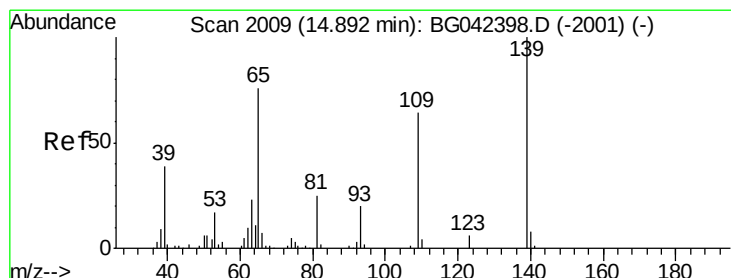
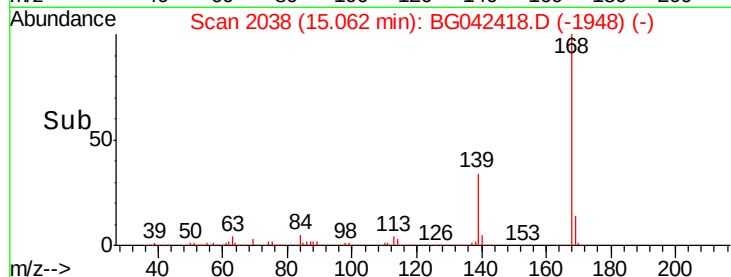
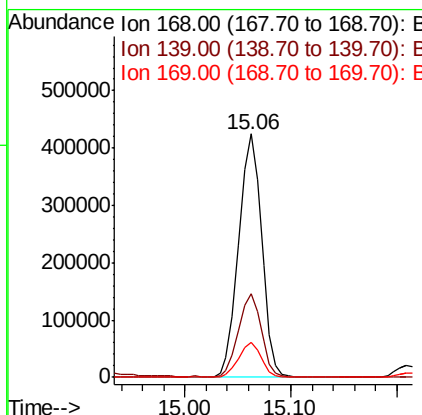
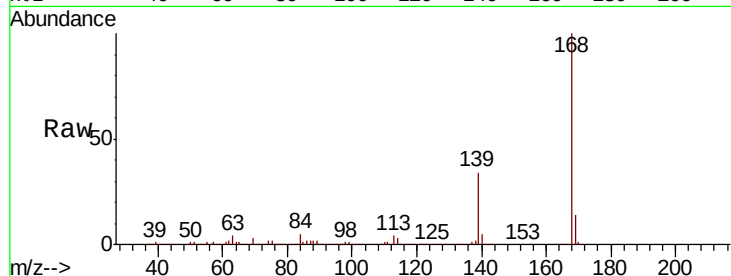




#55
Dibenzenofuran
Concen: 32.625 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

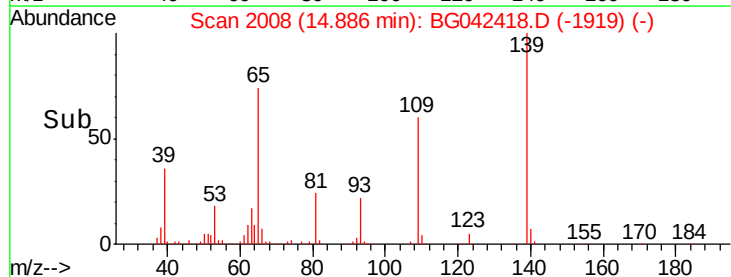
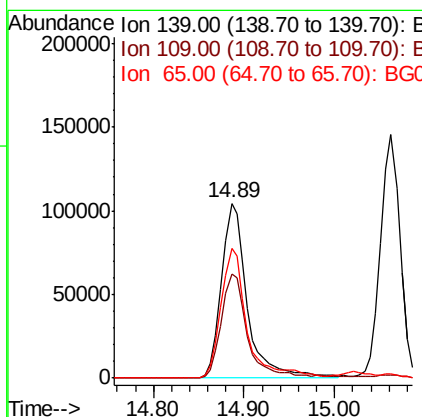
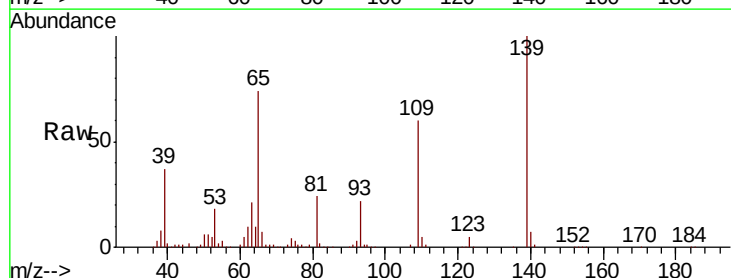
Instrument :
BNA_G
ClientSampleId :

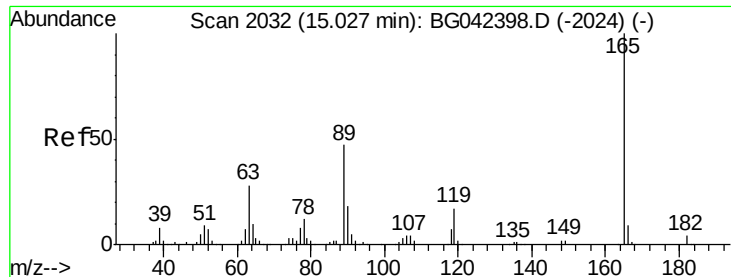
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.3	27.2	40.8
169	14.2	11.5	17.3



#56
4-Nitrophenol
Concen: 74.744 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.9	43.9	83.9
65	74.2	56.3	96.3

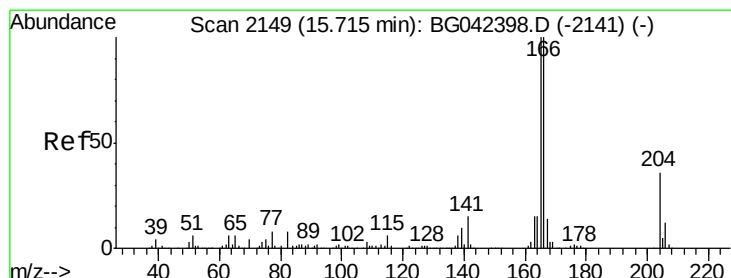
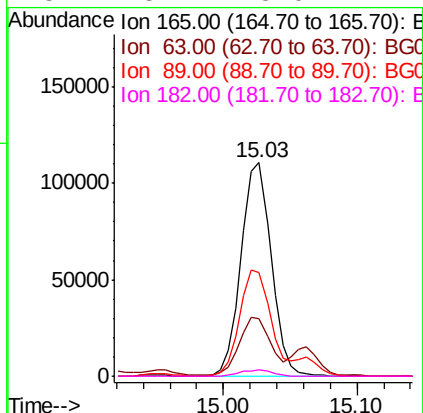
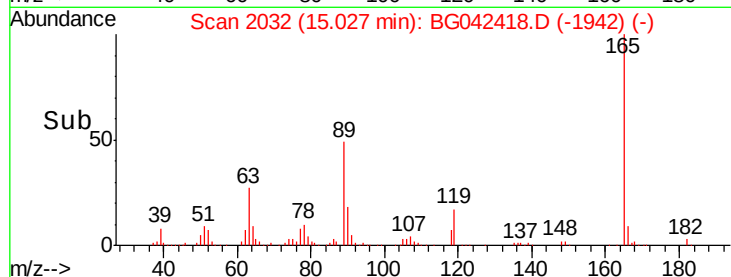
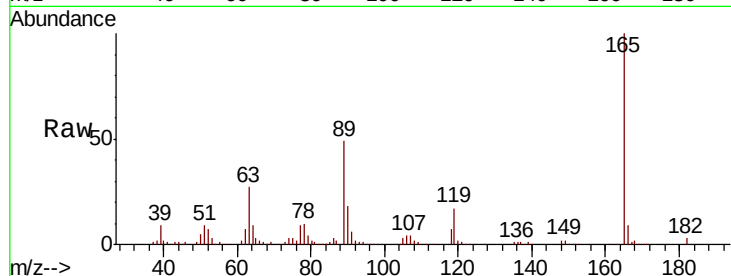




#57
2,4-Dinitrotoluene
Concen: 30.876 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

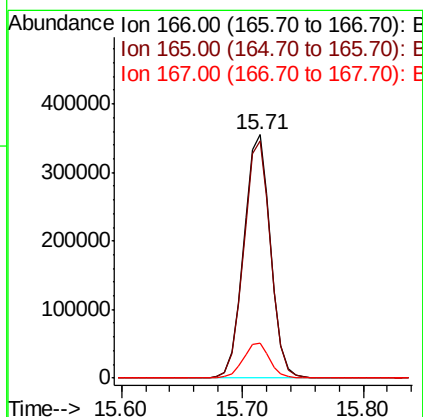
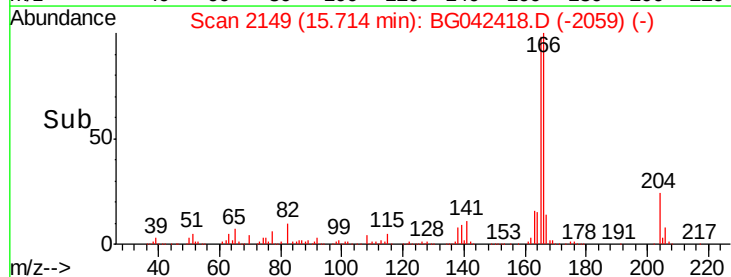
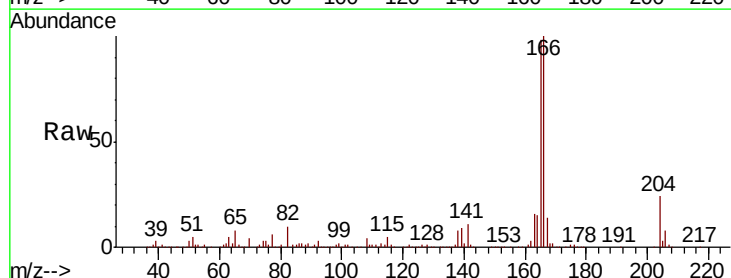
Instrument :
BNA_G
ClientSampleId :

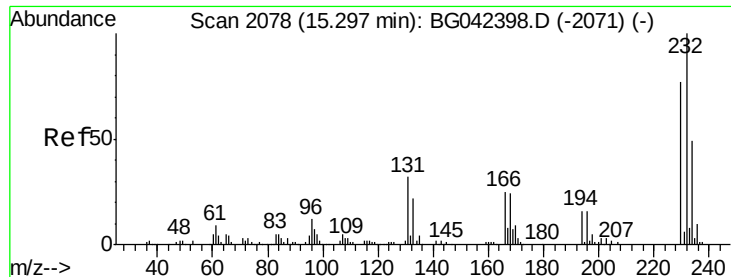
Tot Ion:165	Resp:	172129
Ion Ratio	Lower	Upper
165	100	
63	26.7	22.5 33.7
89	48.7	37.8 56.6
182	3.2	3.0 4.4



#58
Fluorene
Concen: 33.916 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:166	Resp:	543932
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.7 119.5
167	14.1	10.9 16.3

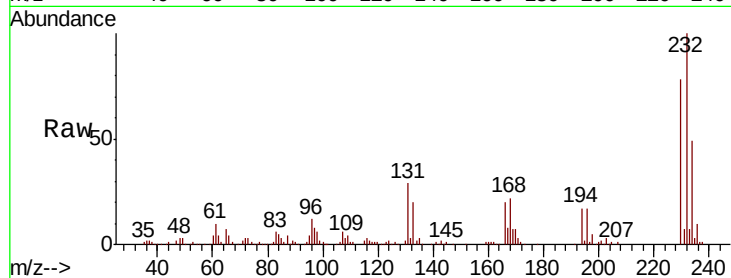




#59
2,3,4,6-Tetrachlorophenol
Concen: 29.842 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.09 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	30.5	22.9	34.3
130	1.7	1.4	2.0
166	21.6	17.0	25.4



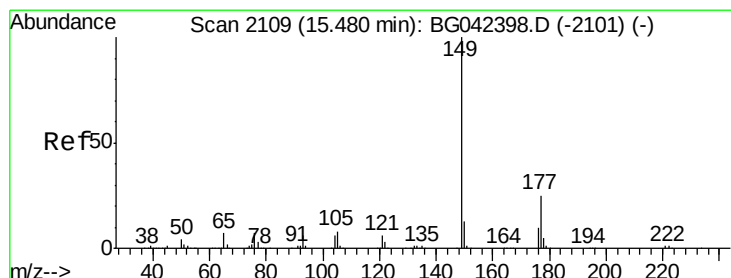
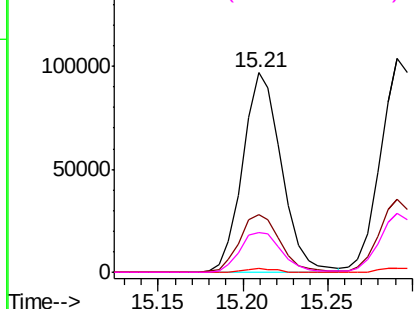
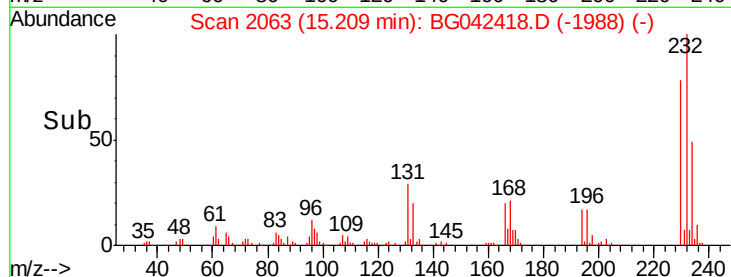
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

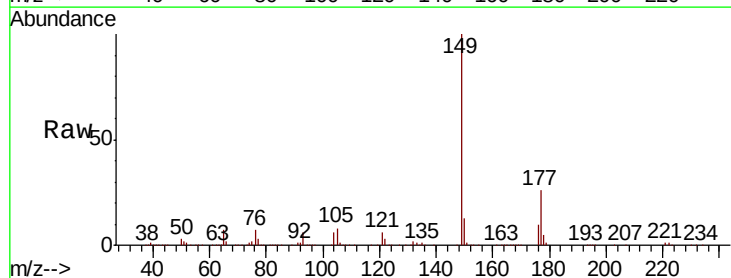
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 30.713 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	13.5	10.3	15.5

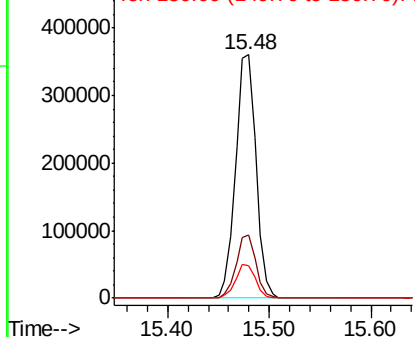
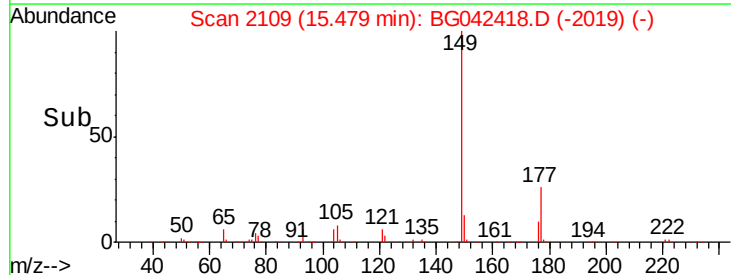


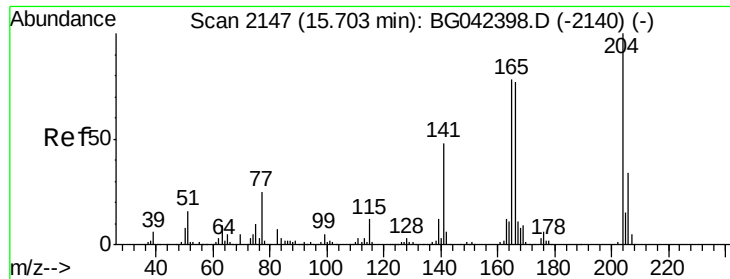
Abundance

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

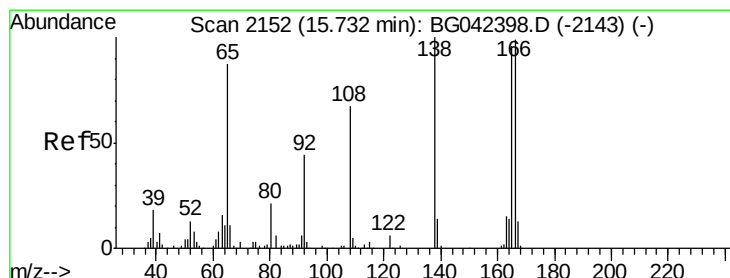
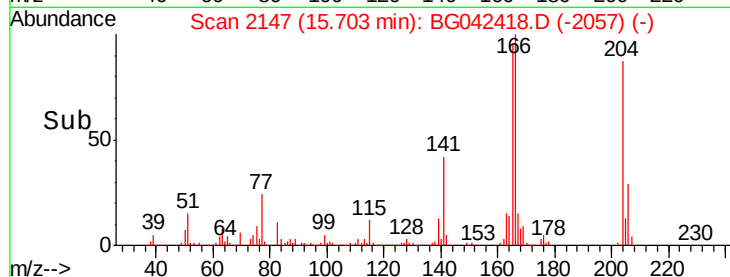
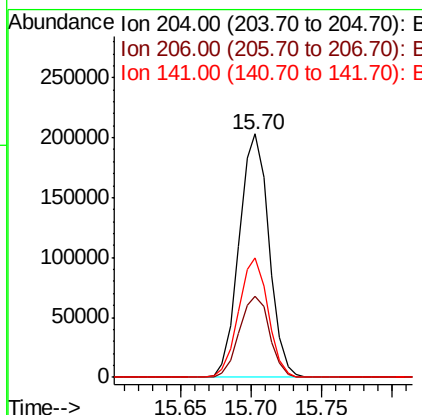
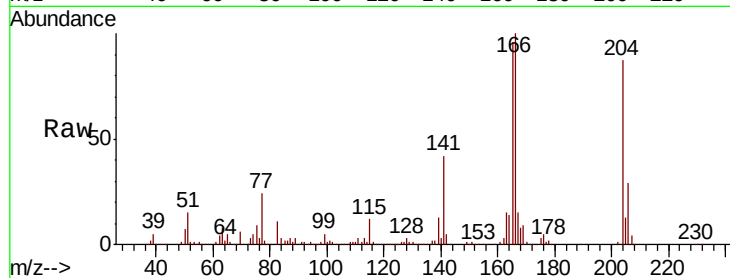




#61
 4-Chlorophenyl-phenylether
 Concen: 31.008 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

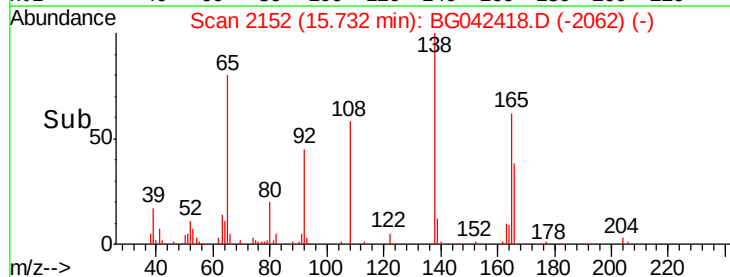
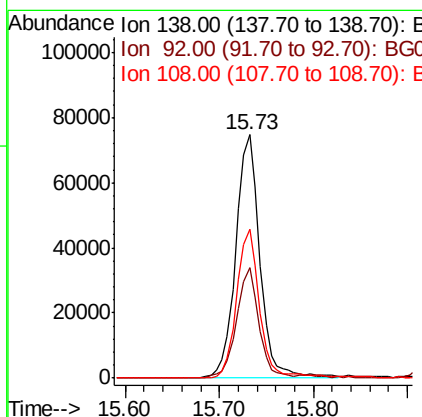
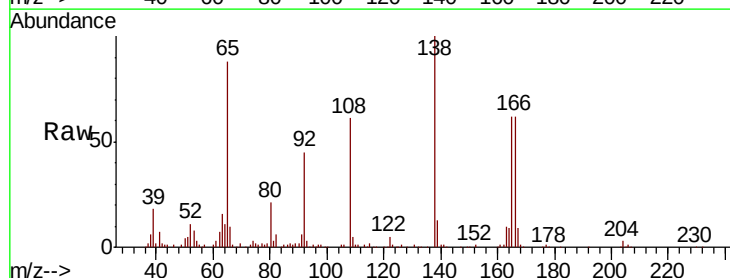
Instrument :
 BNA_G
 ClientSampled :

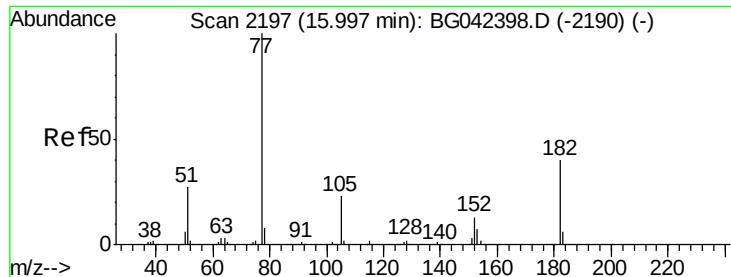
Tot Ion:204 Resp: 299774
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.2 40.8
 141 49.1 38.7 58.1



#62
 4-Nitroaniline
 Concen: 32.078 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion:138 Resp: 133669
 Ion Ratio Lower Upper
 138 100
 92 45.2 24.2 64.2
 108 61.1 46.8 86.8

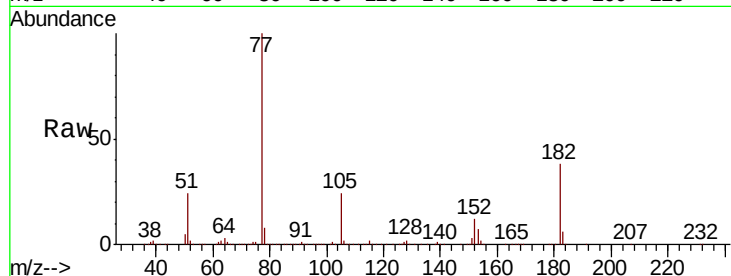




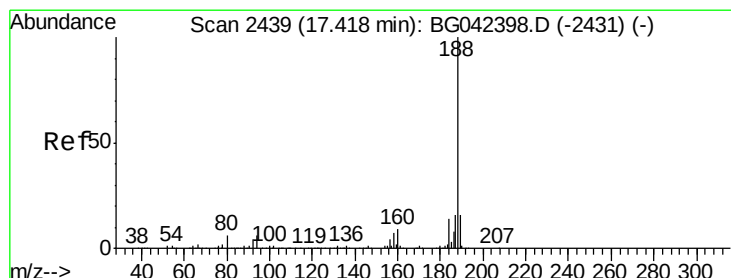
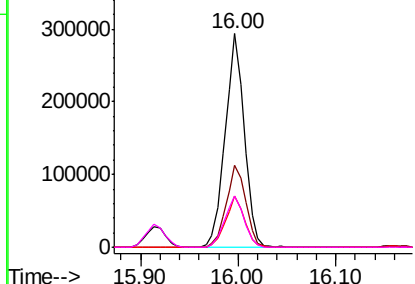
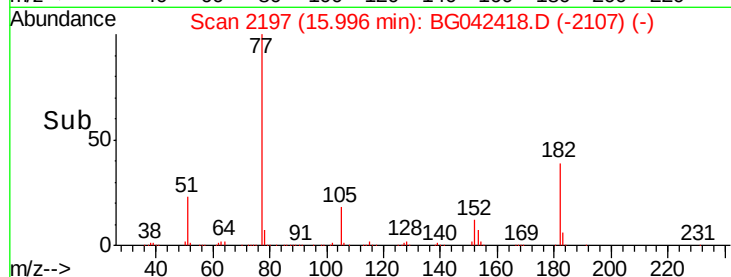
#63
Azobenzene
Concen: 35.262 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	396708
Ion	Ratio	Lower	Upper
77	100		
182	38.1	19.9	59.9
105	23.9	2.9	42.9
51	24.0	7.6	47.6

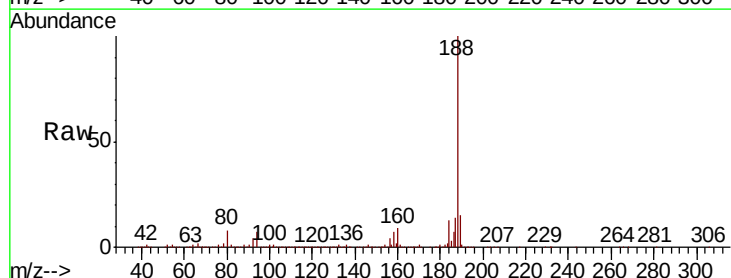


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

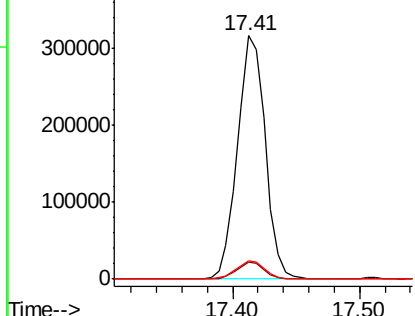
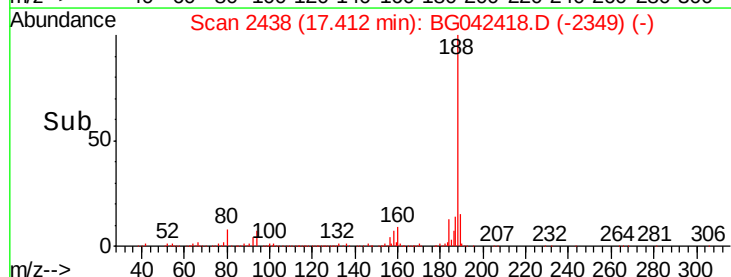


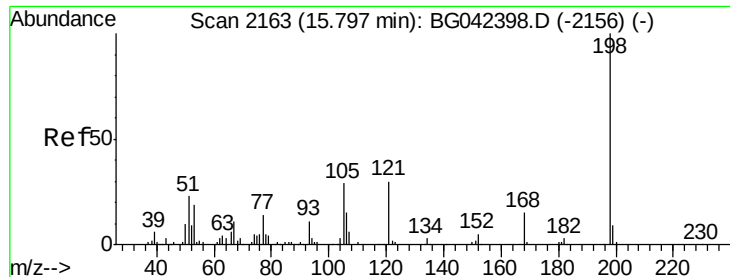
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:	188	Resp:	479608
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.5	6.7#
80	7.8	4.9	7.3#



Abundance Ion 188.00 (187.70 to 188.70): E
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: 12.590 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

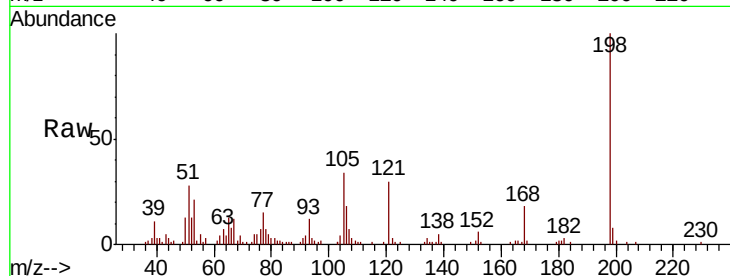
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 37857

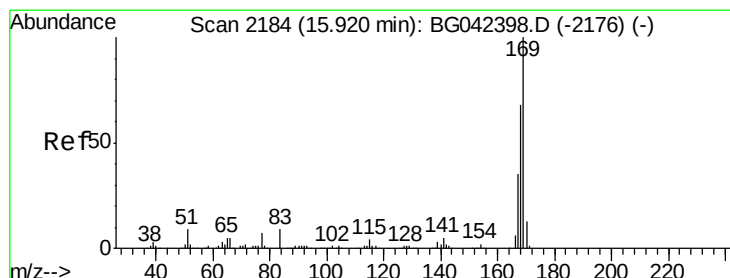
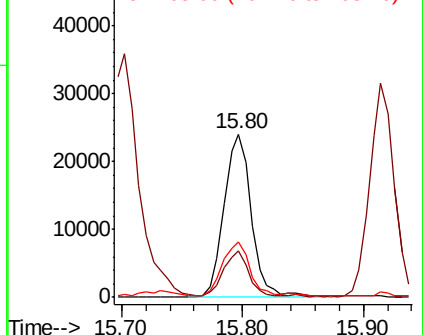
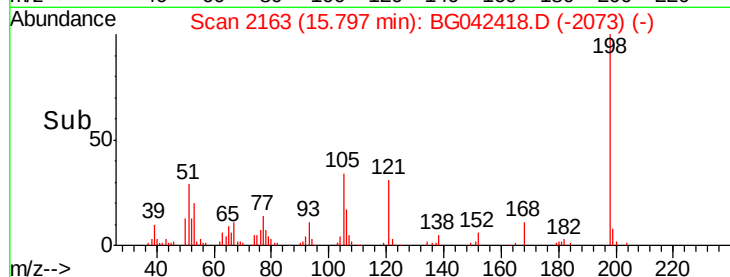
Ion	Ratio	Lower	Upper
198	100		
51	28.4	4.2	44.2
105	33.9	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042418.D (-2073) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.950 ng

RT: 15.91 min Scan# 2183

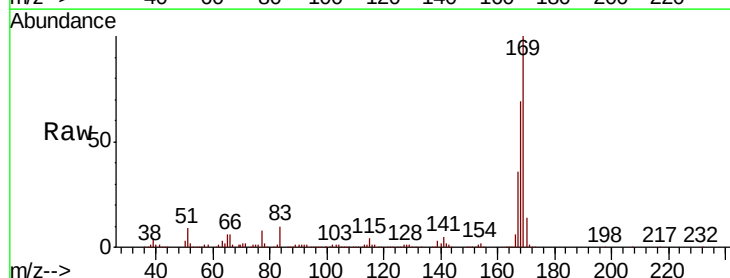
Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Tgt Ion:169 Resp: 487352

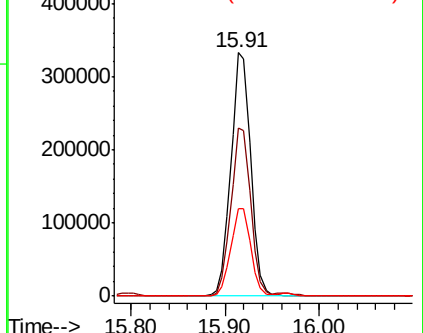
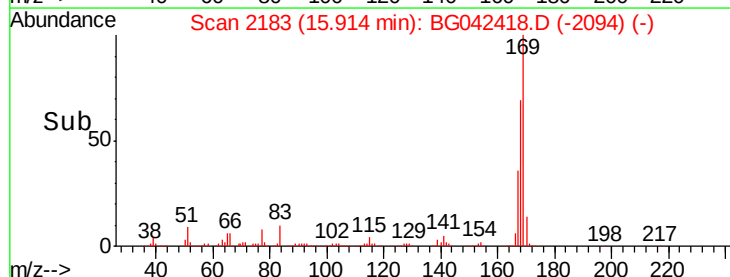
Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.3	81.5
167	36.0	28.2	42.2

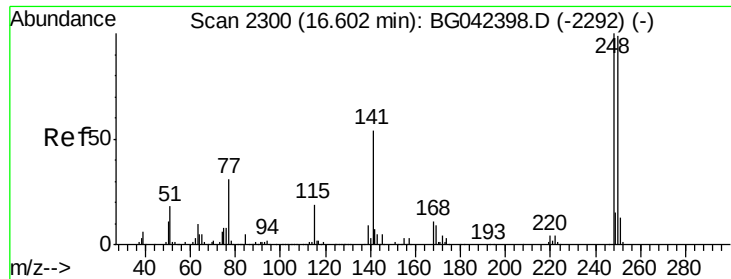


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

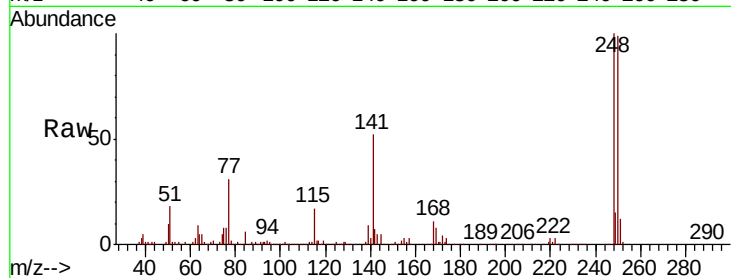




#67
4-Bromophenyl-phenylether
Concen: 31.540 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.9	118.3
141	52.4	43.3	64.9

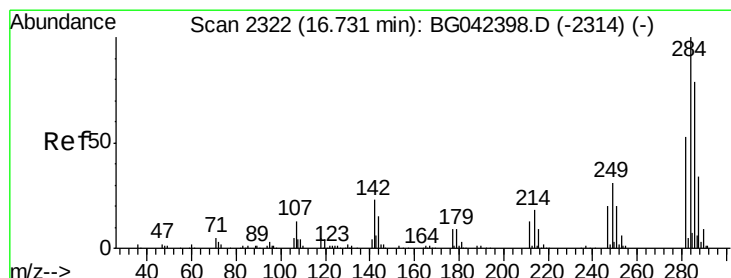
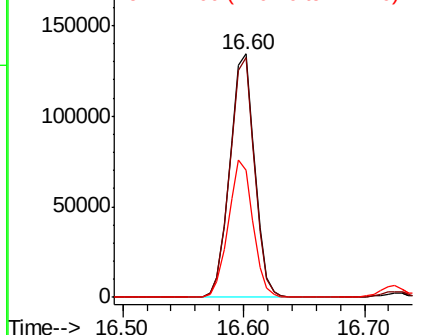
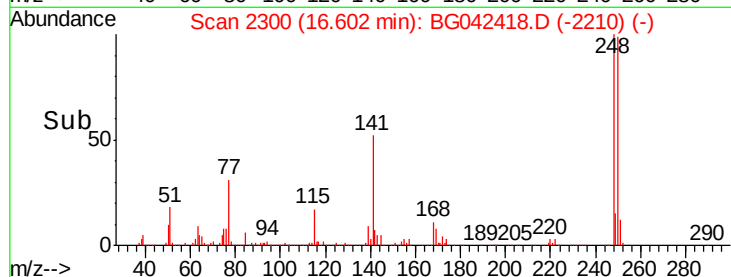


Abundance

Ion 248.00 (247.70 to 248.70): E

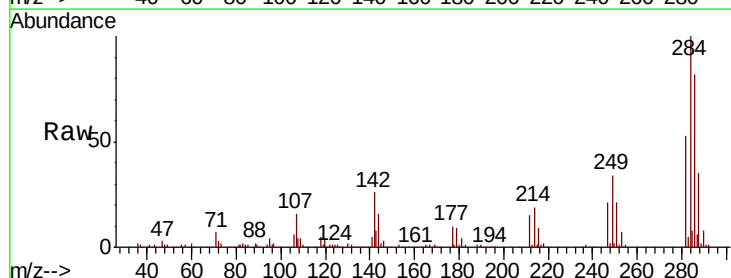
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.458 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	18.2	27.4
249	33.7	25.0	37.4

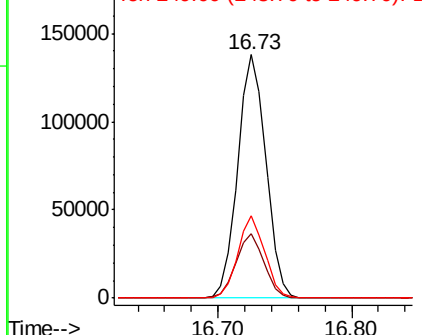
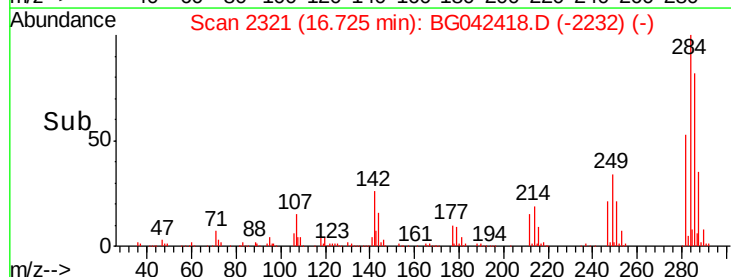


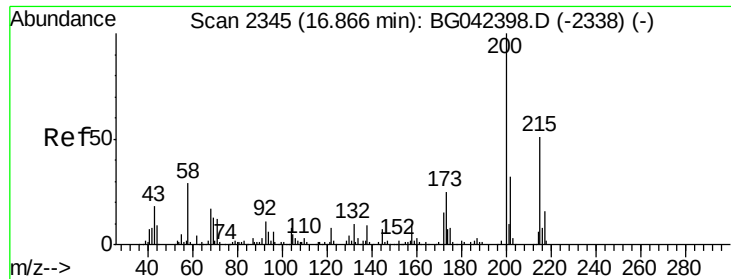
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

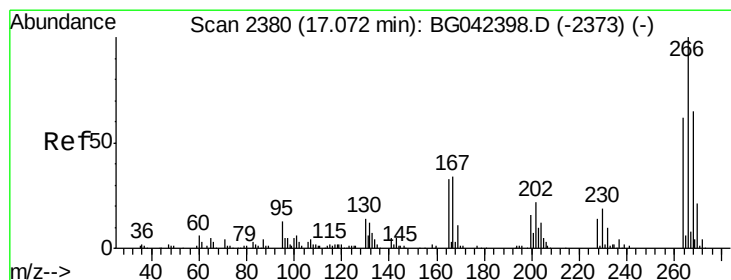
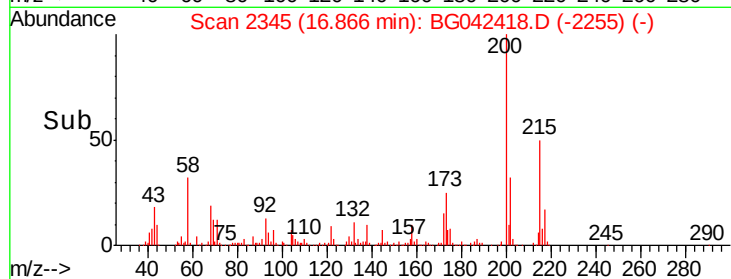
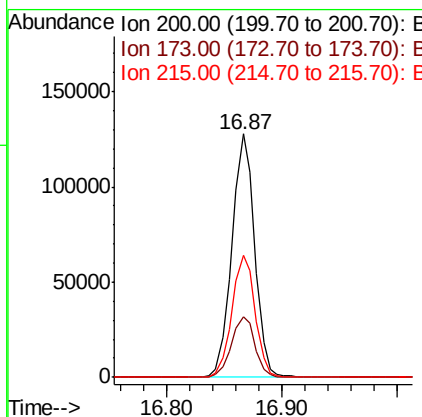
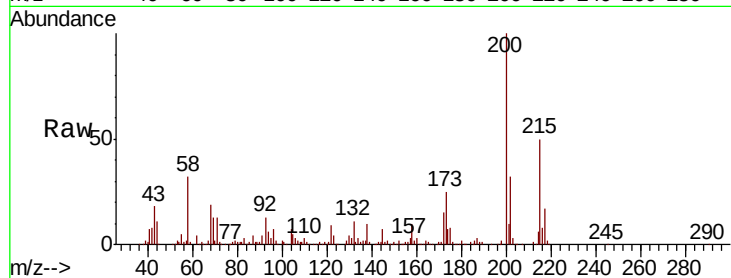




#69
 Atrazine
 Concen: 37.373 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

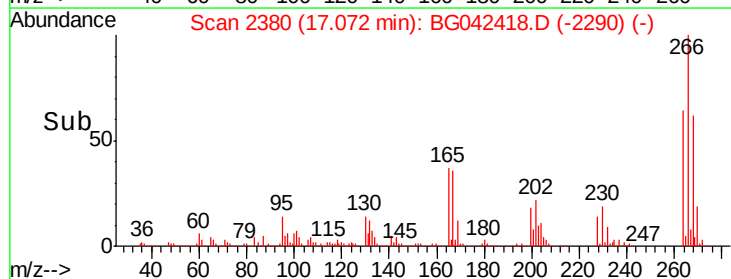
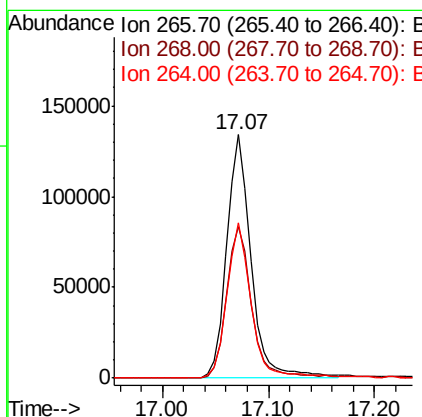
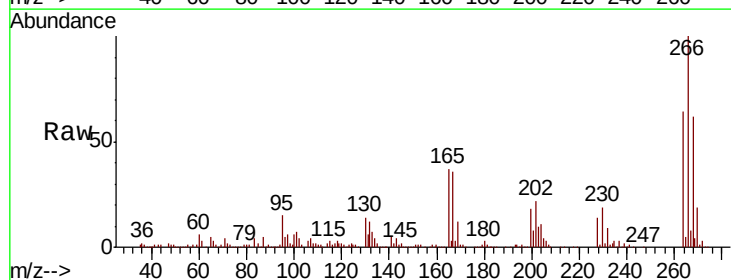
Instrument :
 BNA_G
 ClientSampleId :

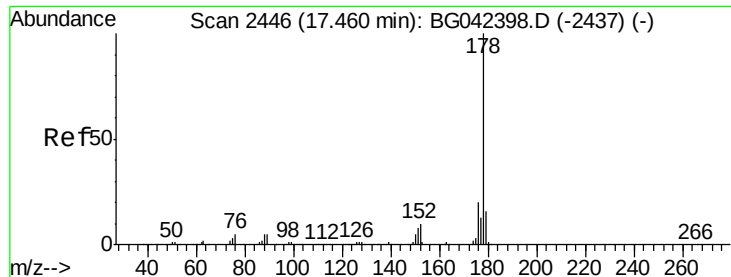
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.9	44.9
215	50.2	30.7	70.7



#70
 Pentachlorophenol
 Concen: 62.113 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042418.D
 Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.1	78.1
264	63.6	49.4	74.2

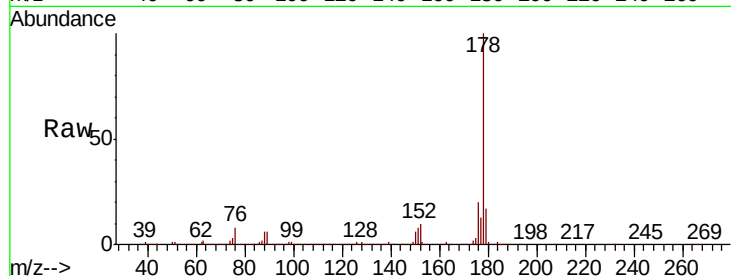




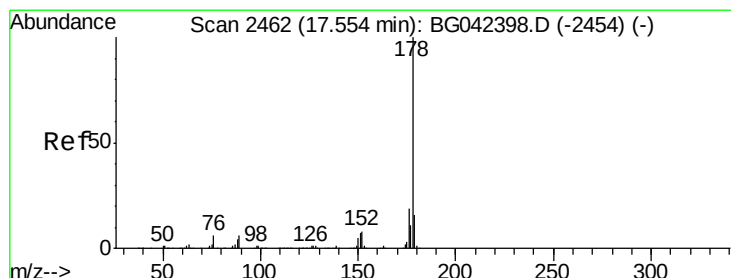
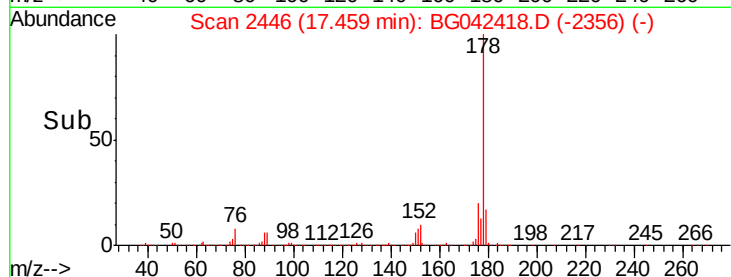
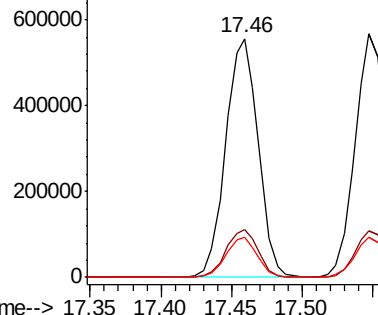
#71
Phenanthrene
Concen: 37.656 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 897069
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.8 12.7 19.1

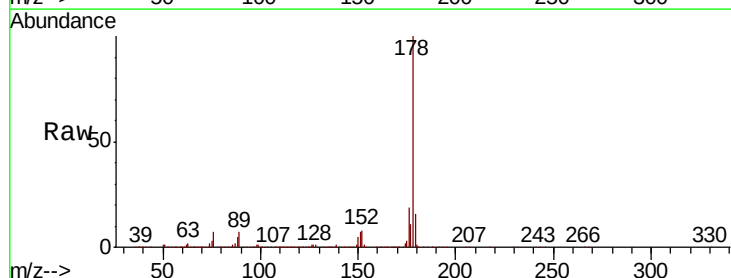


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

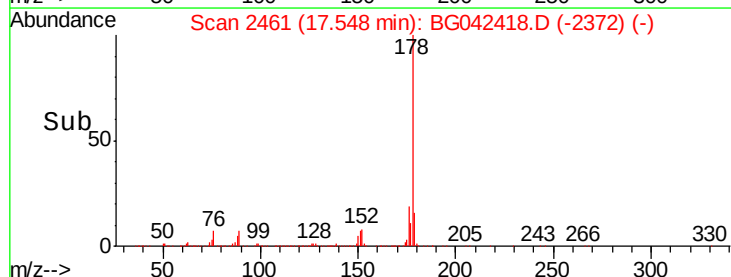
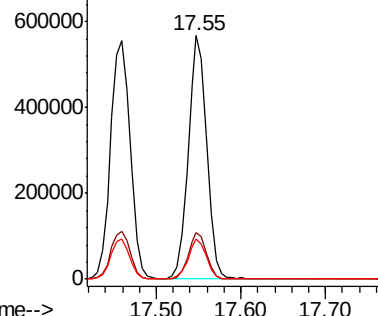


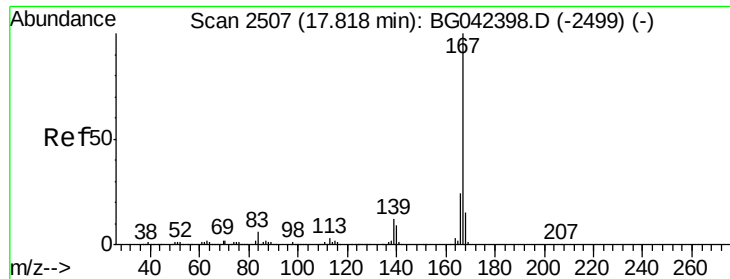
#72
Anthracene
Concen: 36.657 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion:178 Resp: 871796
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.5 12.9 19.3



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





#73

Carbazole

Concen: 35.821 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

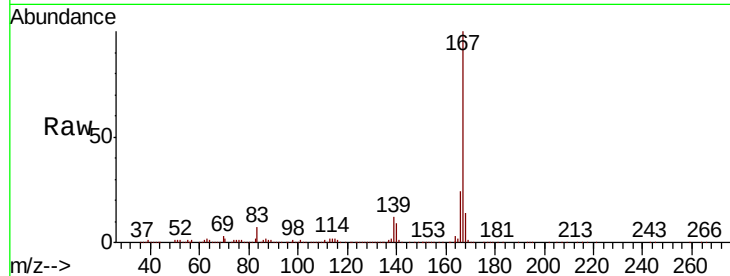
Tot Ion:167 Resp: 759254

Ion Ratio Lower Upper

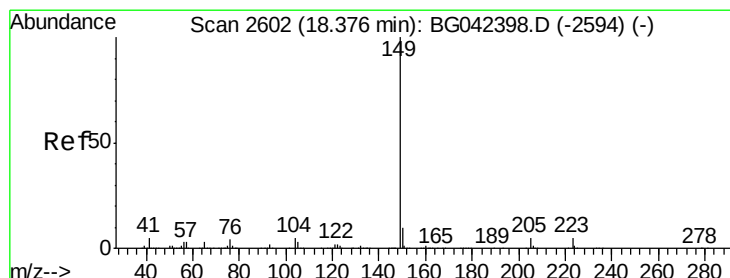
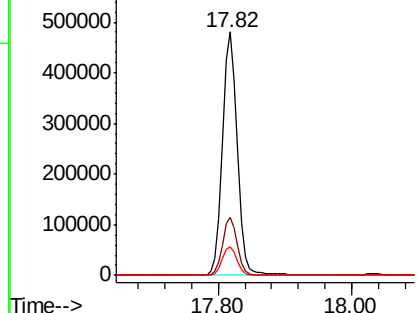
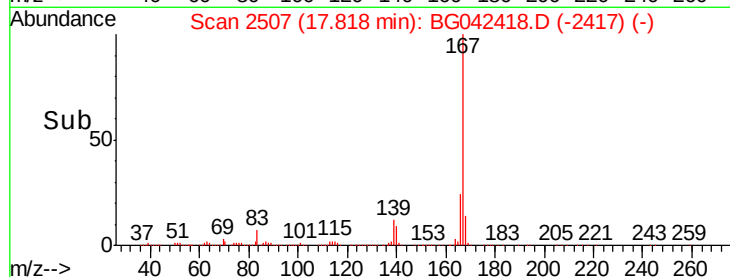
167 100

166 23.9 18.9 28.3

139 12.0 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: 34.772 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

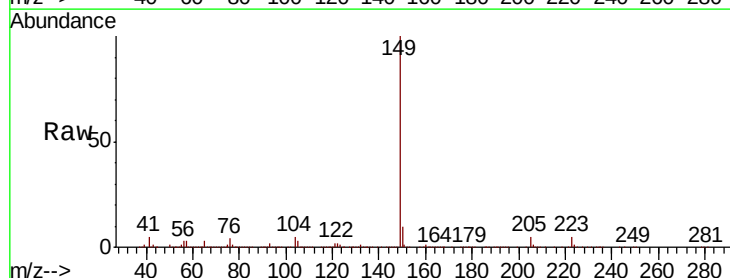
Tgt Ion:149 Resp: 871222

Ion Ratio Lower Upper

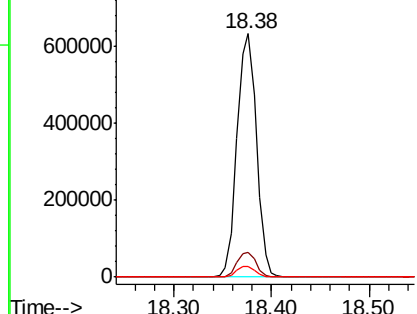
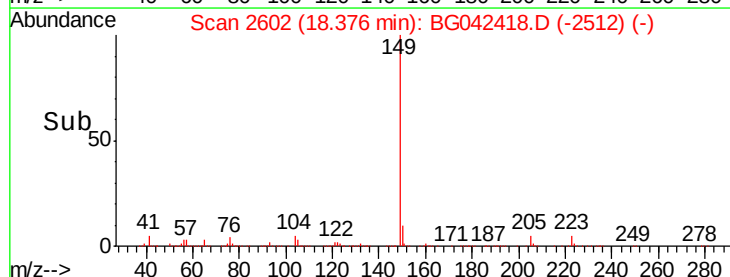
149 100

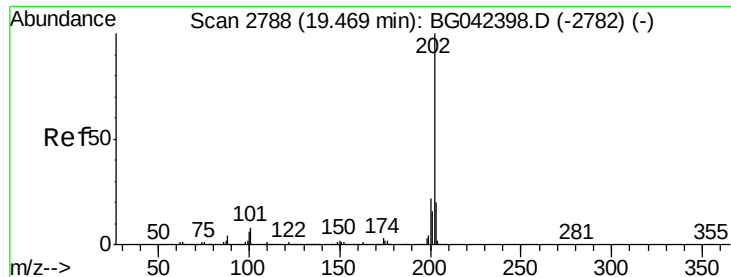
150 10.3 8.1 12.1

104 4.6 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: 39.109 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

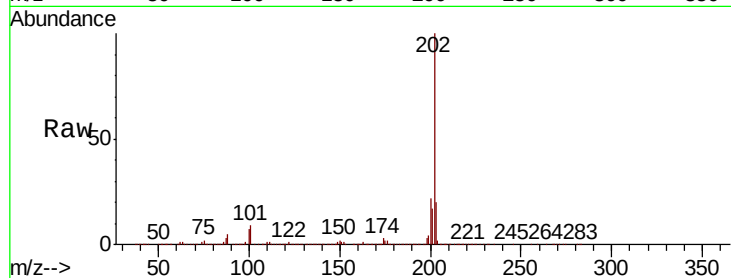
Tot Ion:202 Resp: 1137053

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.3

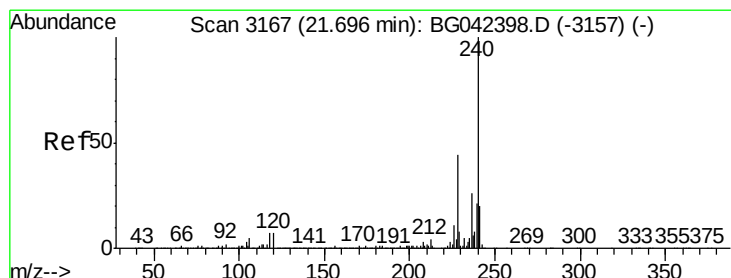
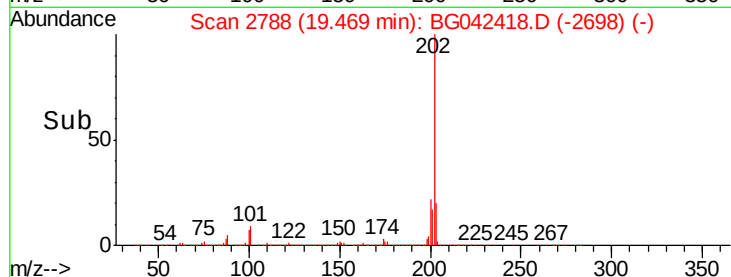
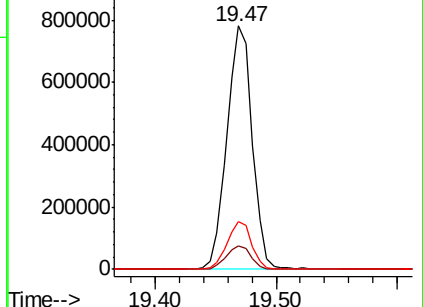
203 19.7 0.0 39.6



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: BG042418.D

Acq: 23 Aug 2019 2:02

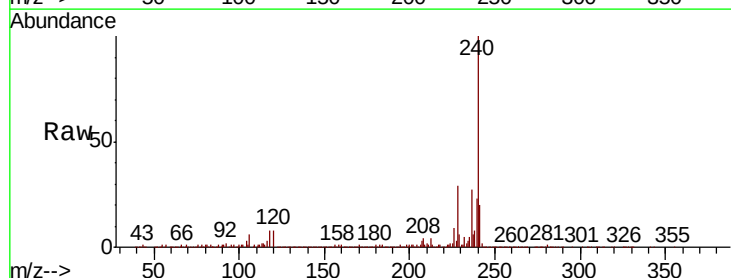
Tgt Ion:240 Resp: 474451

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

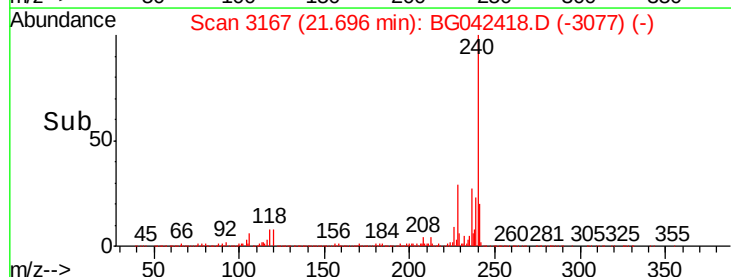
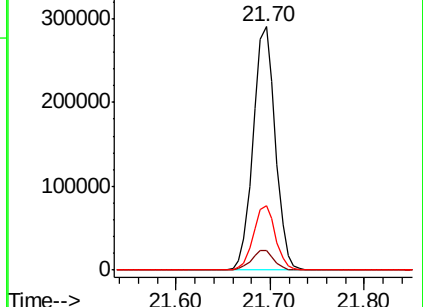
236 26.7 21.0 31.4

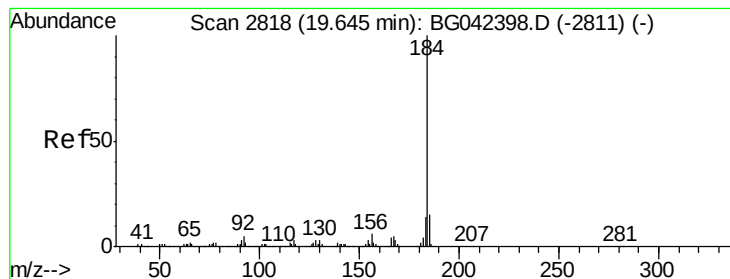


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.630 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

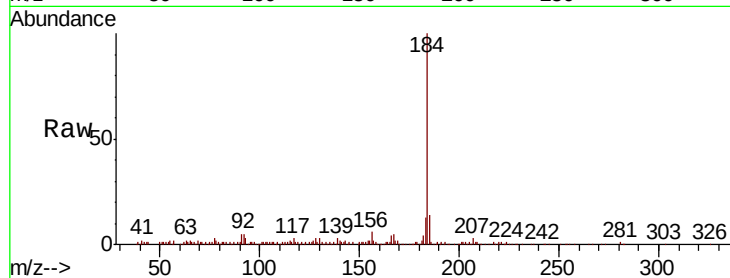
Tot Ion:184 Resp: 131000

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	13.0	10.8	16.2

184 100

185 14.3 12.2 18.4

183 13.0 10.8 16.2

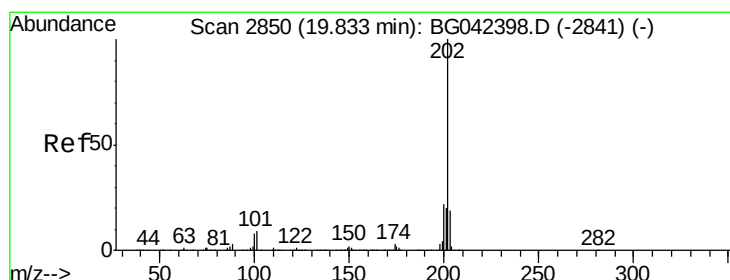
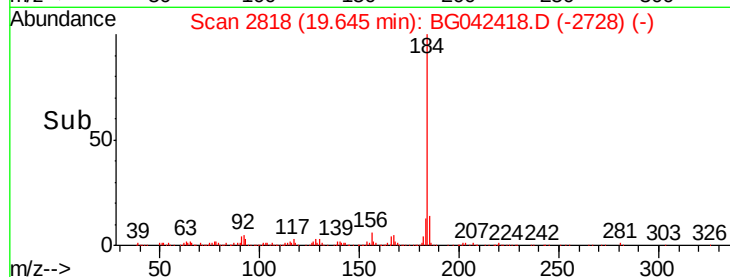
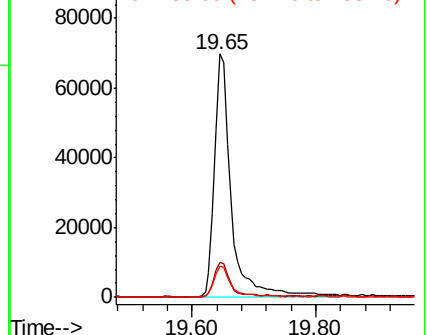


Abundance

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: 38.442 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

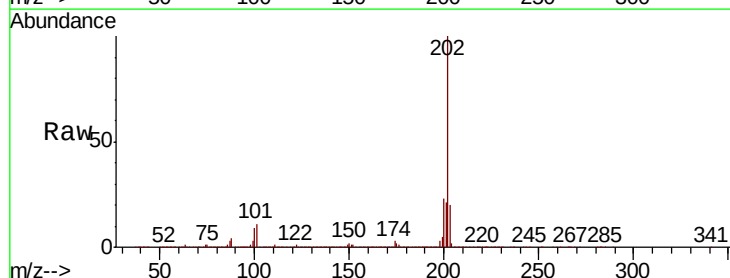
Tgt Ion:202 Resp: 1118202

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	20.0	15.5	23.3

202 100

200 22.9 17.8 26.6

203 20.0 15.5 23.3

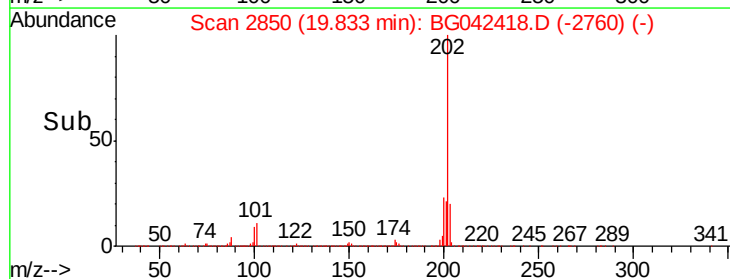
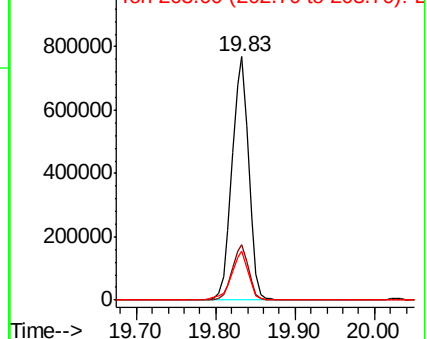


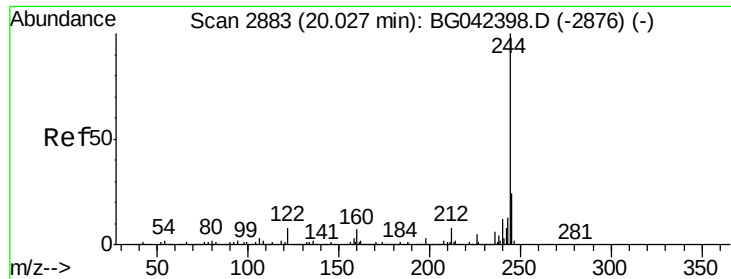
Abundance

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: 77.239 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

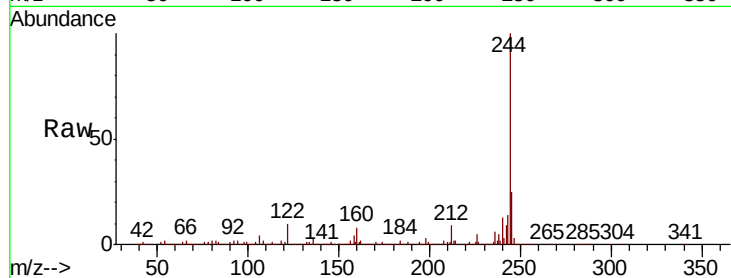
Tot Ion:244 Resp: 1695068

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

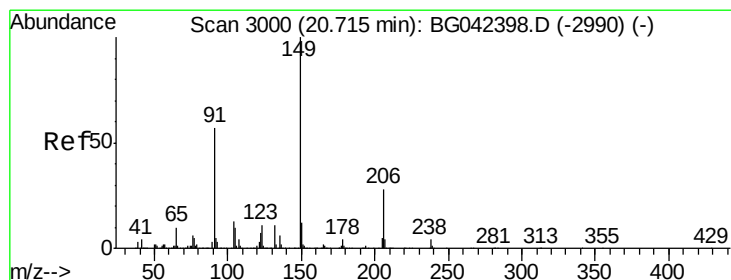
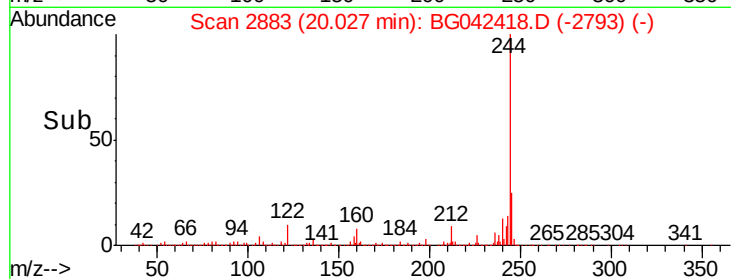
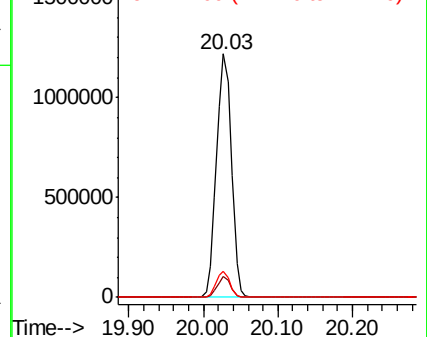
122 10.5 6.7 10.1#



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: 35.908 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

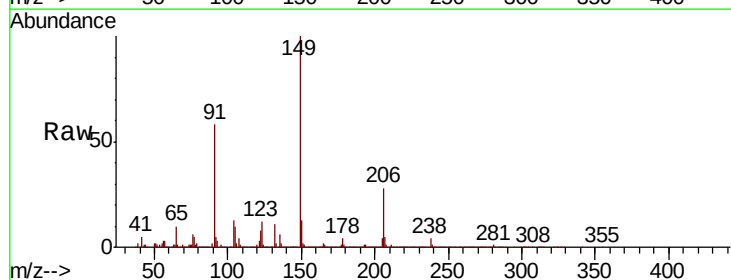
Tgt Ion:149 Resp: 410826

Ion Ratio Lower Upper

149 100

91 58.0 45.9 68.9

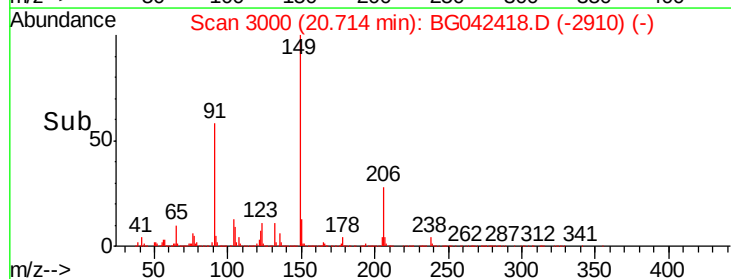
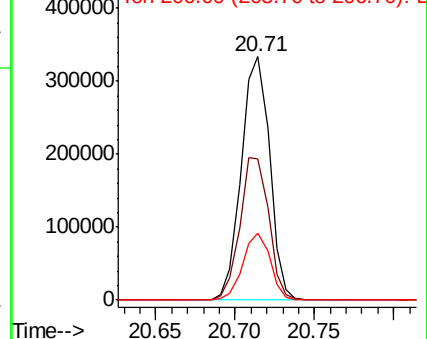
206 27.6 22.5 33.7

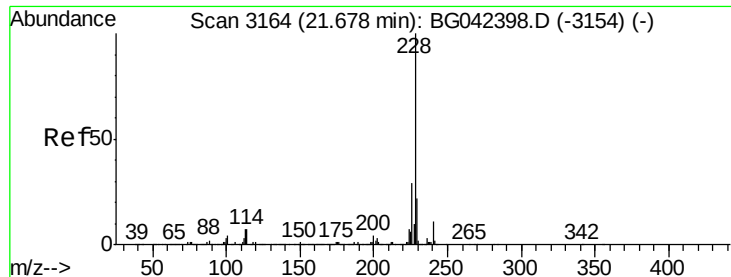


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.769 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

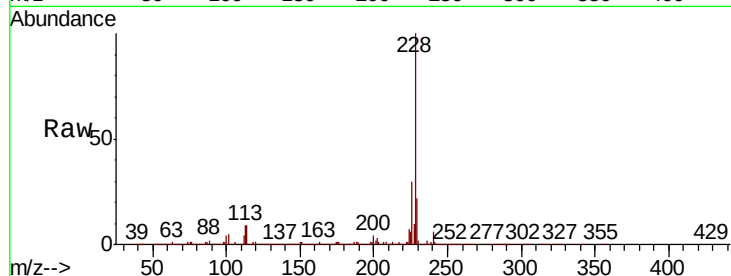
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1032359

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.5	17.4	26.2

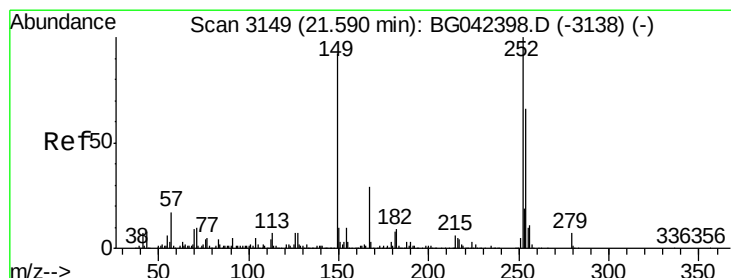
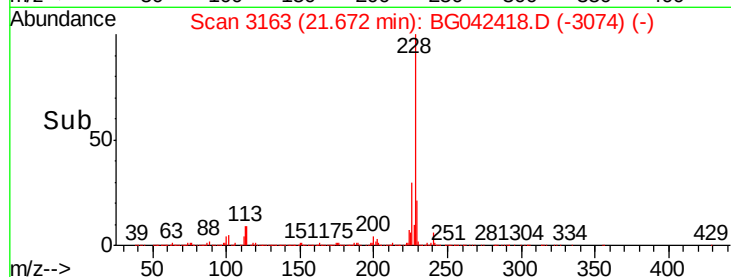
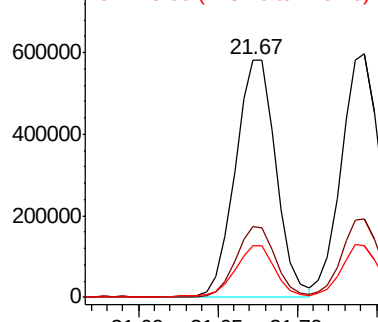


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.803 ng

RT: 21.58 min Scan# 3148

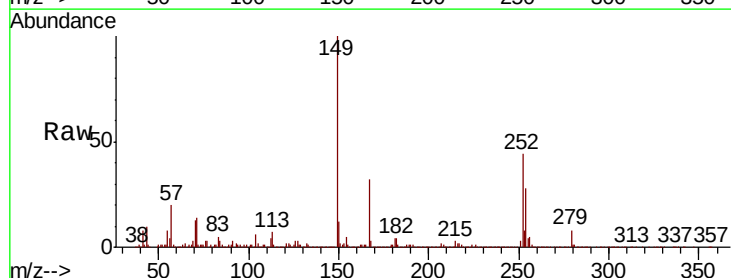
Delta R.T. -0.01 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Tgt Ion:252 Resp: 241471

Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.0	79.4
126	7.5	5.7	8.5

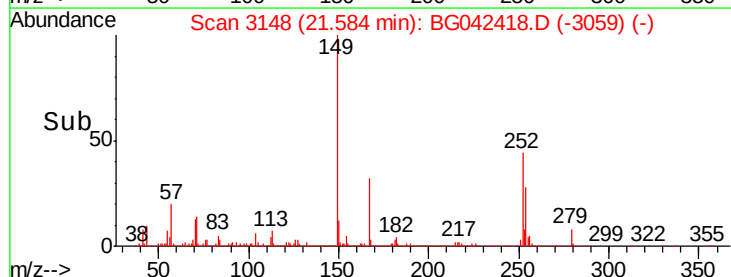
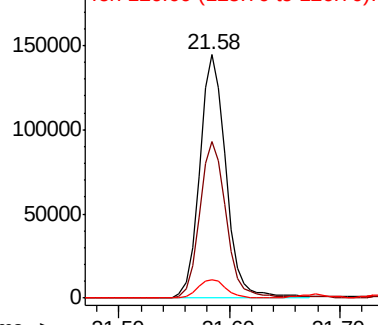


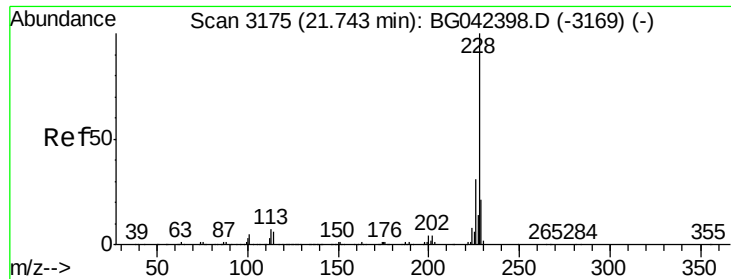
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.000 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

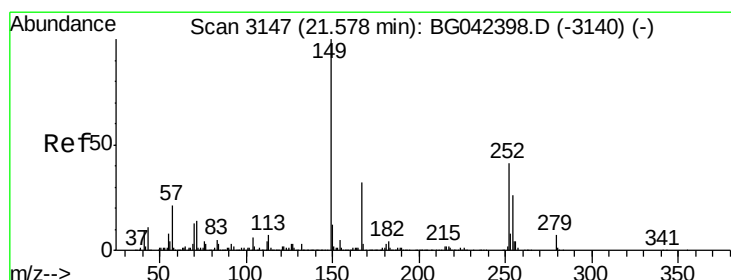
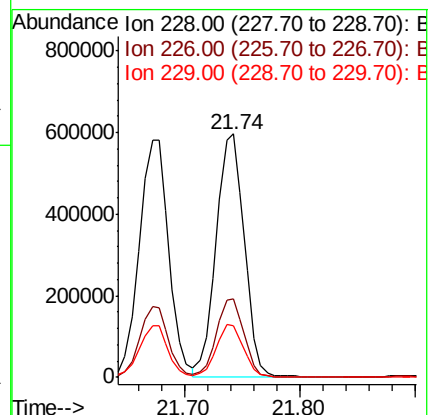
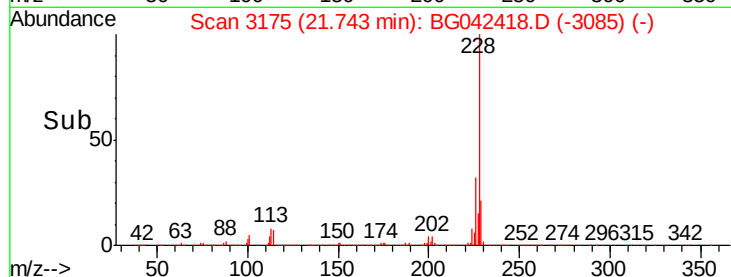
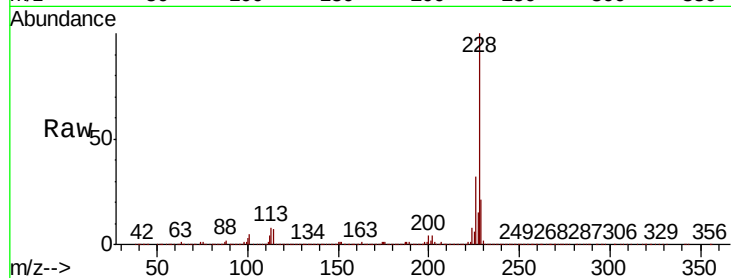
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1002046

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.2	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.273 ng

RT: 21.58 min Scan# 3147

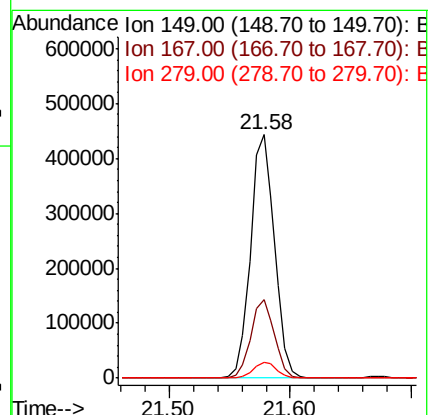
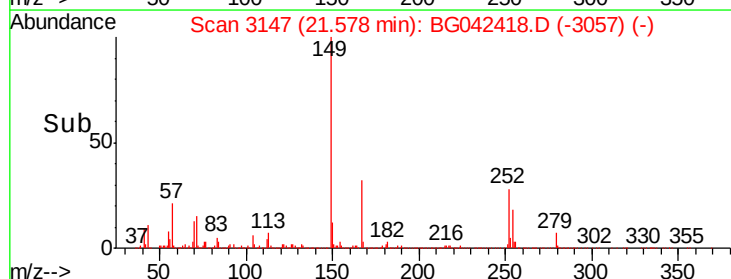
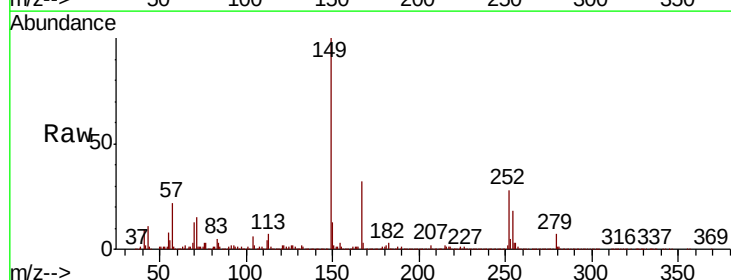
Delta R.T. -0.00 min

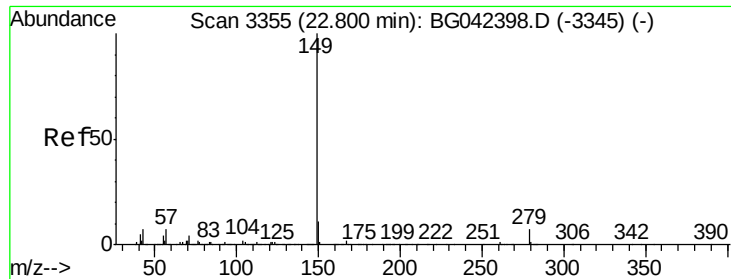
Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Tgt Ion:149 Resp: 607976

Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.0	39.0
279	6.7	5.4	8.0

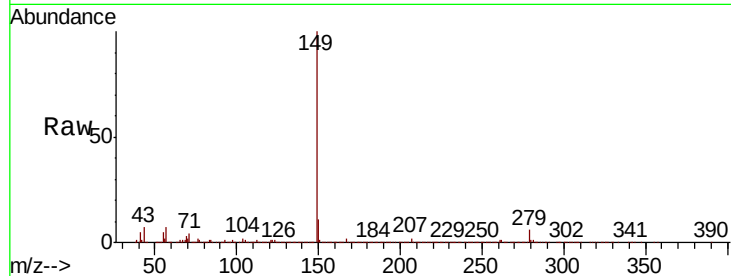




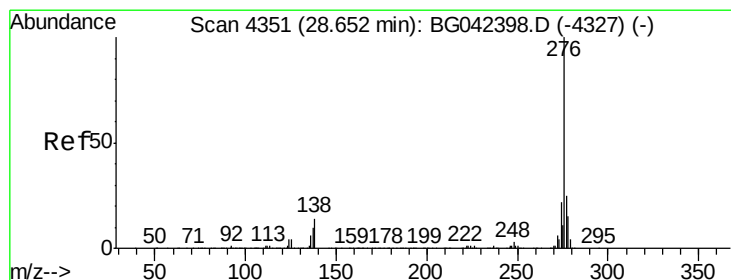
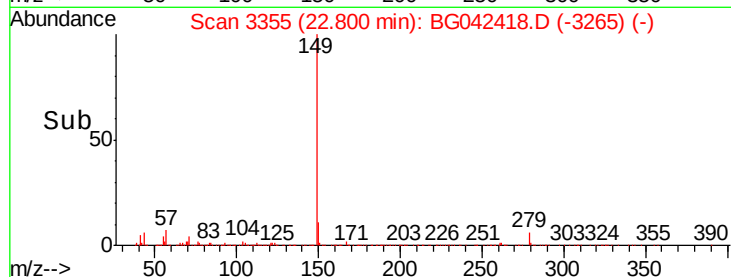
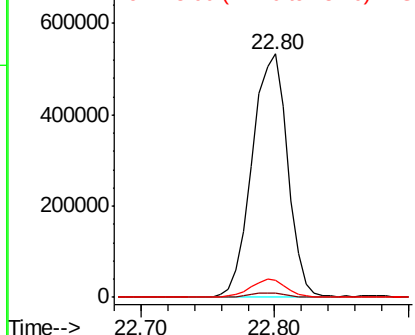
#85
Di-n-octyl phthalate
Concen: 35.686 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.8	5.3	7.9

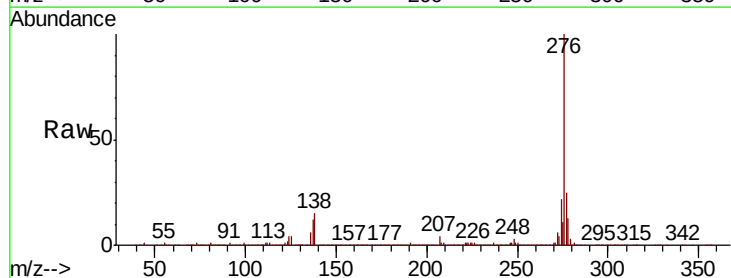


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

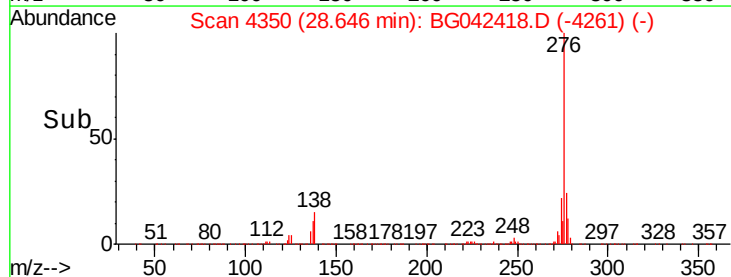
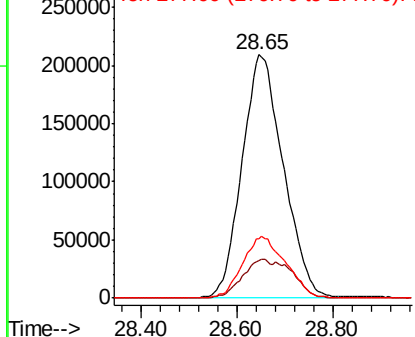


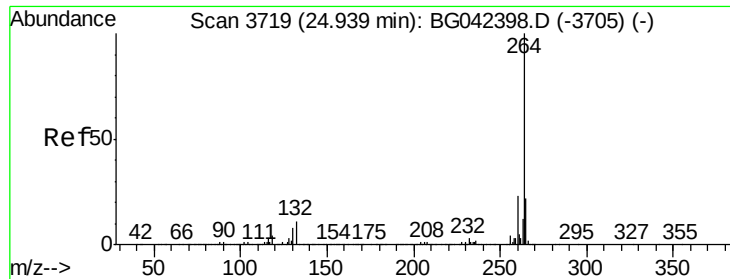
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.952 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.4	9.2	13.8
277	26.0	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

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

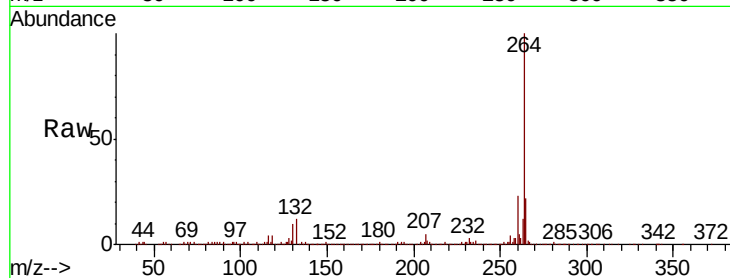
Tot Ion:264 Resp: 555636

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 22.2 17.6 26.4

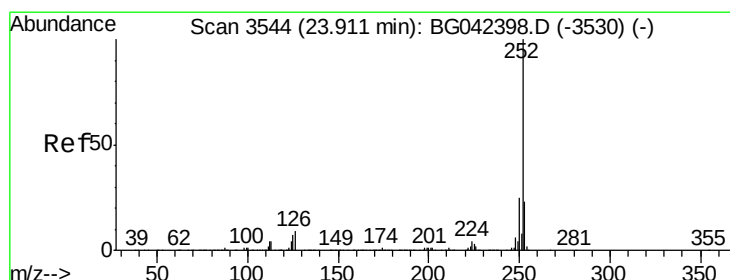
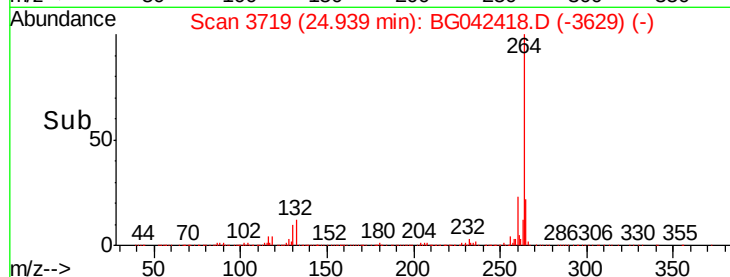
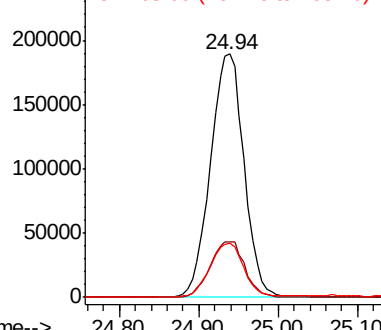


Abundance

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: 36.280 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

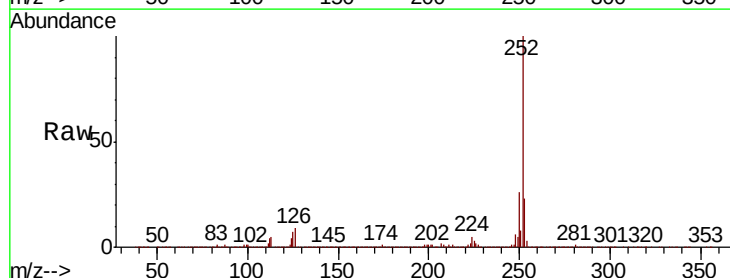
Tgt Ion:252 Resp: 1108236

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

125 7.4 5.6 8.4

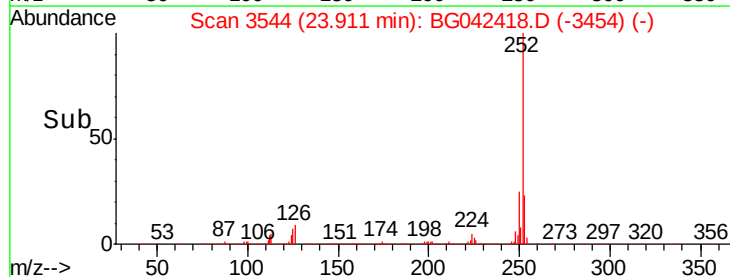
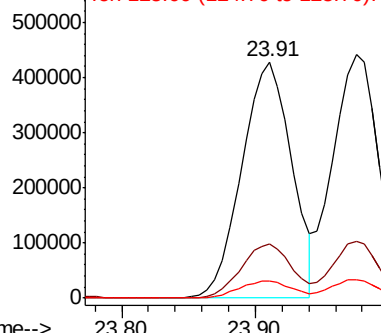


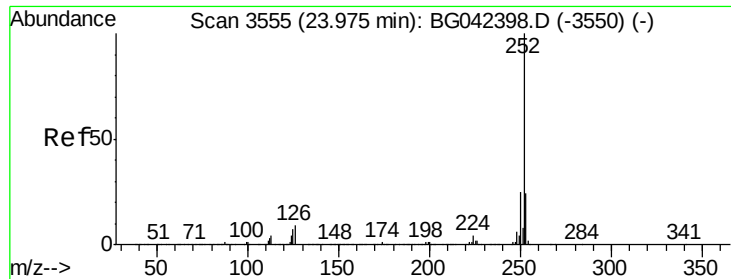
Abundance

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: 36.042 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

Instrument :

BNA_G

ClientSampled :

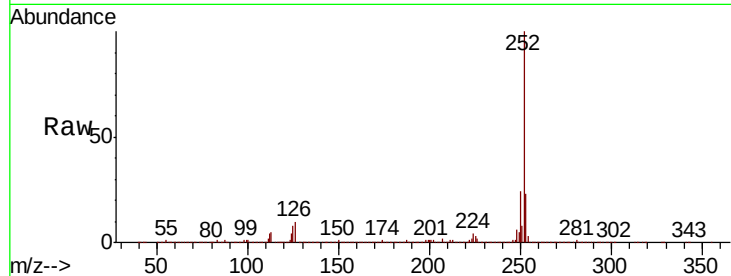
Tot Ion:252 Resp: 1058273

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

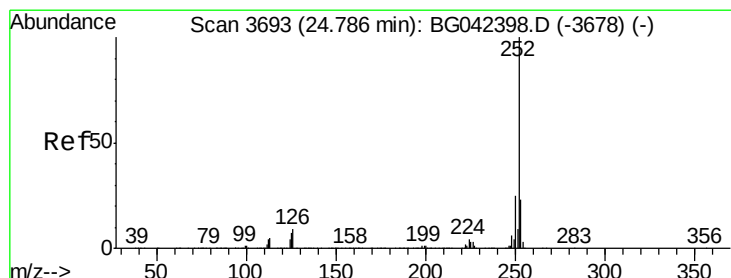
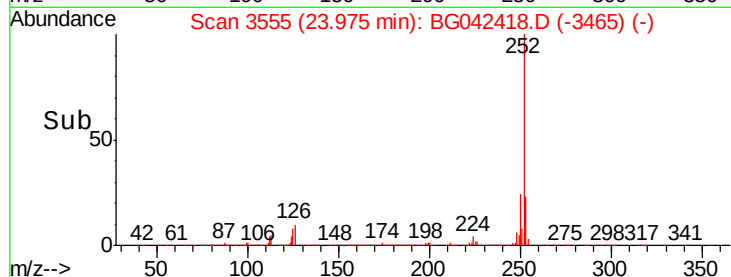
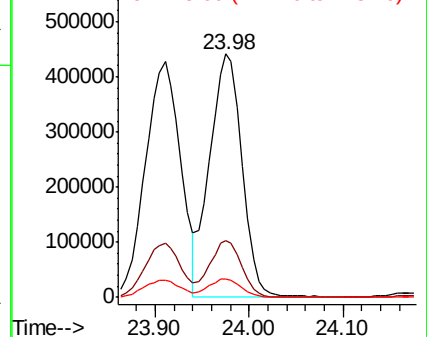
125 7.7 5.8 8.6



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: 37.719 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042418.D

Acq: 23 Aug 2019 2:02

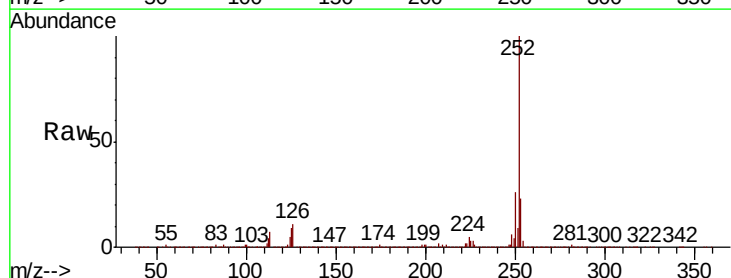
Tgt Ion:252 Resp: 1093340

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

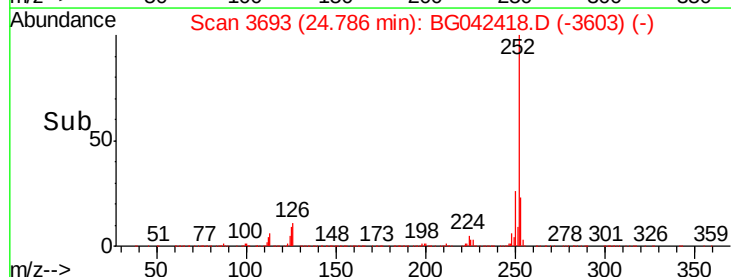
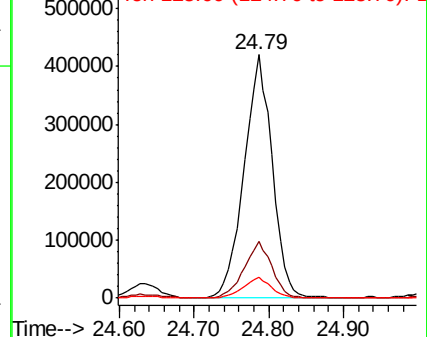
125 8.8 6.0 9.0

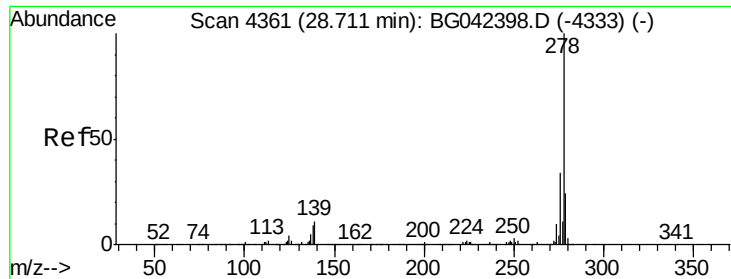


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

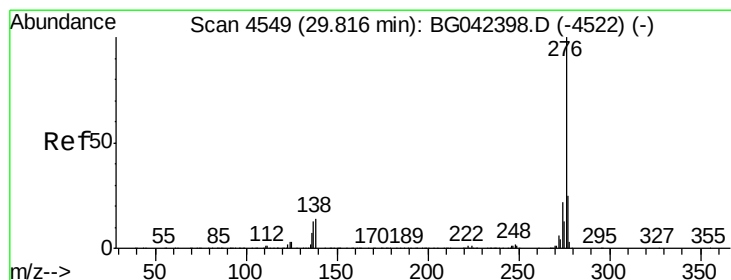
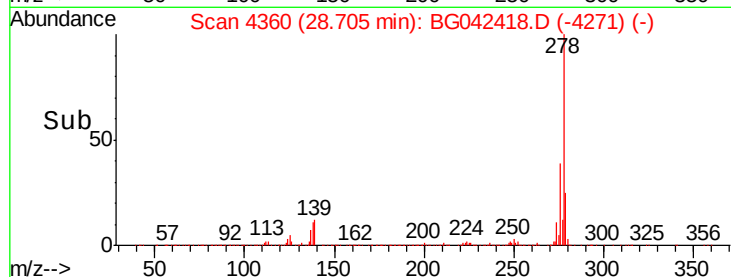
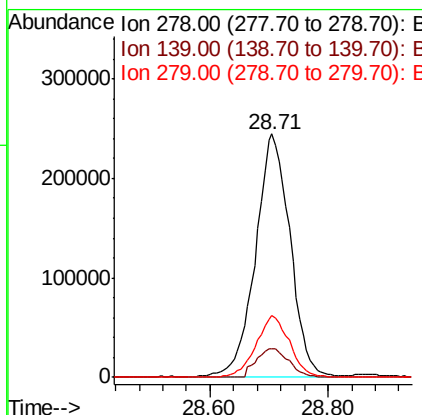
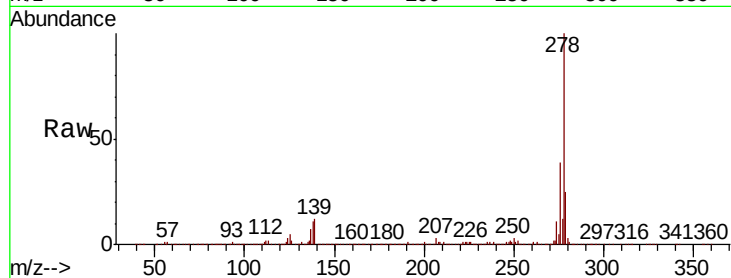




#91
Dibenzo(a,h)anthracene
Concen: 33.739 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.8	13.2
279	25.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 36.970 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042418.D
Acq: 23 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	16.7	11.4	17.0

