

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034109.D
 Acq On : 2 May 2018 10:33
 Operator : SJ/JU
 Sample : J2165-08
 Misc : 8PPM MDL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-042718

Quant Time: May 02 14:02:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	97339	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	387212	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	296362	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	836521	20.00	ng	0.00
75) Chrysene-d12	21.76	240	1000574	20.00	ng	0.00
86) Perylene-d12	25.05	264	466301	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	605949	100.58	ng	0.00
7) Phenol-d6	7.22	99	789982	84.22	ng	0.00
23) Nitrobenzene-d5	9.24	82	727506	72.09	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	454199	110.68	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1436824	70.65	ng	0.00
78) Terphenyl-d14	20.09	244	2980537	65.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	147	0.058	ng	# 1
3) Pyridine	3.95	79	70	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	853	0.197	ng	# 21
6) Aniline	7.39	93	58	0.005	ng	# 41
8) 2-Chlorophenol	7.63	128	267	0.044	ng	# 1
10) Phenol	6.84	94	118	0.012	ng	# 83
11) bis(2-Chloroethyl)ether	7.49	93	61	0.008	ng	# 1
12) 1,3-Dichlorobenzene	7.94	146	69	0.009	ng	# 26
13) 1,4-Dichlorobenzene	8.07	146	164	0.022	ng	# 1
14) 1,2-Dichlorobenzene	8.41	146	85	0.012	ng	# 1
15) Benzyl Alcohol	8.40	79	14763	1.475	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.59	45	393	0.038	ng	# 75
17) 2-Methylphenol	8.45	107	66	0.011	ng	# 1
18) Hexachloroethane	9.20	117	54	0.017	ng	# 1
20) 3+4-Methylphenols	8.83	107	146	0.016	ng	# 24
22) Acetophenone	8.91	105	908	0.069	ng	# 50
24) Nitrobenzene	9.29	77	233	0.021	ng	# 42
25) Isophorone	9.81	82	83	0.004	ng	# 69
26) 2-Nitrophenol	9.99	139	117	0.038	ng	# 28
27) 2,4-Dimethylphenol	10.04	122	54	0.009	ng	# 1
28) bis(2-Chloroethoxy)methane	10.31	93	111	0.011	ng	# 51
29) 2,4-Dichlorophenol	10.54	162	54	0.008	ng	# 23
30) 1,2,4-Trichlorobenzene	10.73	180	65	0.008	ng	# 83
31) Naphthalene	10.93	128	713	0.035	ng	# 68
33) 4-Chloroaniline	11.04	127	66	0.007	ng	# 46
34) Hexachlorobutadiene	11.37	225	207	0.029	ng	# 20
35) Caprolactam	11.88	113	122	0.048	ng	# 2
36) 4-Chloro-3-methylphenol	12.16	107	63	0.007	ng	# 1
37) 2-Methylnaphthalene	12.55	142	217	0.013	ng	# 24
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	57	0.005	ng	# 1
40) Hexachlorocyclopentadiene	13.31	237	200	0.029	ng	# 78
42) 2,4,6-Trichlorophenol	13.14	196	75	0.011	ng	# 11
43) 2,4,5-Trichlorophenol	13.20	196	79	0.011	ng	# 9
45) 1,1'-Biphenyl	13.54	154	3682	0.159	ng	# 82

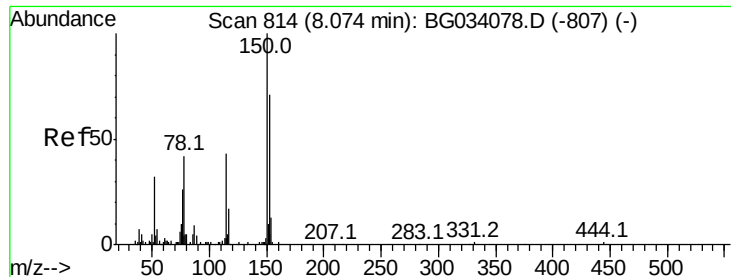
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 2-Chloronaphthalene	13.61	162	87	0.005	nq	#	1
47) 2-Nitroaniline	13.85	65	219	0.031	nq	#	9
48) Acenaphthylene	14.42	152	121	0.004	nq	#	59
49) Dimethylphthalate	14.34	163	150	0.006	nq	#	77
51) Acenaphthene	14.77	154	343	0.018	nq	#	28
52) 3-Nitroaniline	14.60	138	68	0.014	nq	#	1
53) 2,4-Dinitrophenol	14.89	184	96	0.050	nq	#	1
54) Dibenzofuran	15.11	168	634	0.023	nq	#	74
55) 4-Nitrophenol	14.93	139	123	0.032	nq	#	1
57) Fluorene	15.78	166	414	0.017	nq	#	58
58) 2,3,4,6-Tetrachlorophenol	15.36	232	97	0.013	nq	#	1
59) Diethylphthalate	15.54	149	513	0.019	nq	#	58
60) 4-Chlorophenyl-phenylether	15.62	204	53	0.004	nq	#	30
61) 4-Nitroaniline	15.91	138	70	0.013	nq	#	12
62) Azobenzene	16.08	77	168	0.006	nq	#	42
64) 4,6-Dinitro-2-methylphenol	15.76	198	95	0.024	nq	#	29
65) n-Nitrosodiphenylamine	16.20	169	17580	0.771	nq	#	52
67) Hexachlorobenzene	16.62	284	232	0.022	nq	#	41
68) Atrazine	16.86	200	57	0.921	nq	#	35
69) Pentachlorophenol	17.17	266	76	0.010	nq	#	19
70) Phenanthrene	17.50	178	1010	0.023	nq	#	65
71) Anthracene	17.59	178	226	0.005	nq	#	50
72) Carbazole	17.88	167	61	0.002	nq	#	1
73) Di-n-butylphthalate	18.44	149	1331	0.028	nq	#	25
74) Fluoranthene	19.59	202	57	0.001	nq	#	65
77) Pyrene	20.09	202	14077	0.225	nq	#	60
79) Butylbenzylphthalate	20.79	149	366	0.015	nq	#	67
80) Benzo(a)anthracene	21.76	228	3603	0.056	nq	#	76
81) 3,3'-Dichlorobenzidine	21.66	252	57	0.002	nq	#	26
82) Chrysene	21.76	228	3603	0.059	nq	#	72
83) Bis(2-ethylhexyl)phthalate	21.67	149	2210	0.066	nq	#	74
84) Di-n-octyl phthalate	22.91	149	334	0.006	nq	#	1
85) Indeno(1,2,3-cd)pyrene	28.84	276	271	0.004	nq	#	40
87) Benzo(b)fluoranthene	24.01	252	243	0.008	nq	#	59
88) Benzo(k)fluoranthene	24.07	252	99	0.004	nq	#	39
89) Benzo(a)pyrene	24.89	252	107	0.004	nq	#	1
90) Dibenzo(a,h)anthracene	28.93	278	55	0.002	nq	#	1
91) Benzo(g,h,i)perylene	30.01	276	164	0.006	nq	#	56

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

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BNA_G

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SU-04-042718

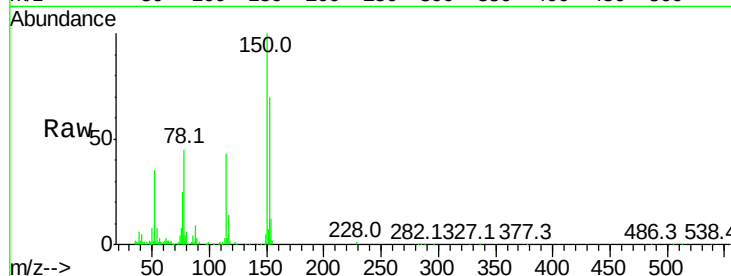
Tot Ion:152 Resp: 97339

Ion Ratio Lower Upper

152 100

150 143.6 126.6 189.8

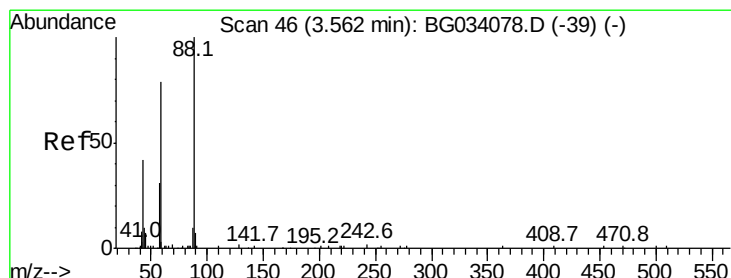
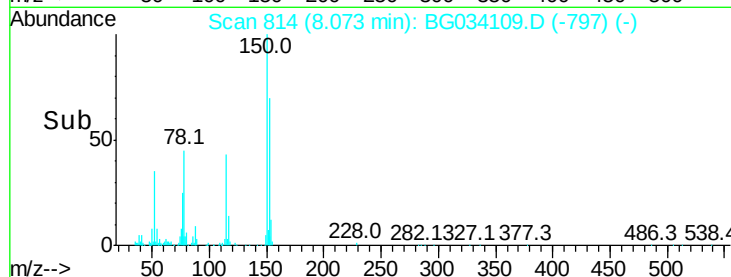
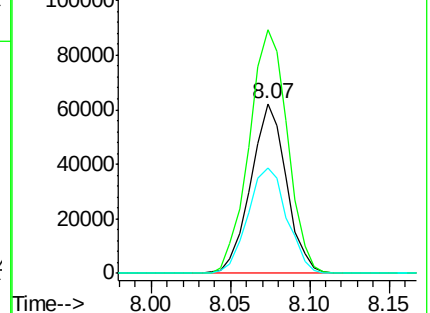
115 62.1 53.0 79.4



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: 0.058 ng

RT: 3.56 min Scan# 45

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

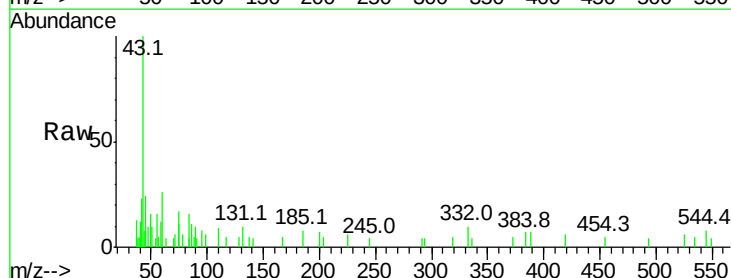
Tgt Ion: 88 Resp: 147

Ion Ratio Lower Upper

88 100

58 326.5 79.6 119.4#

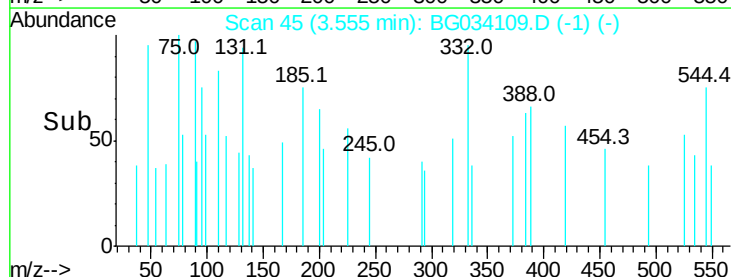
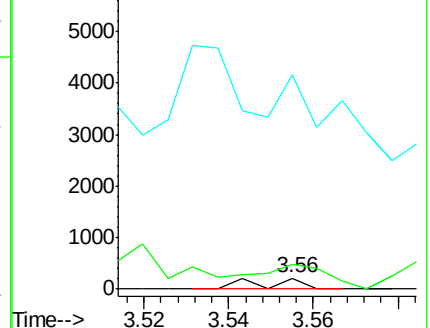
43 0.0 27.4 41.0#

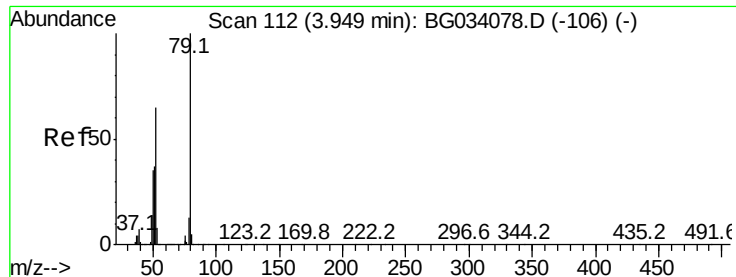


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.009 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

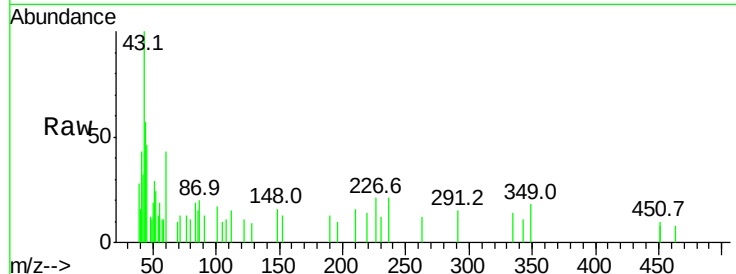
Tot Ion: 79 Resp: 70

Ion Ratio Lower Upper

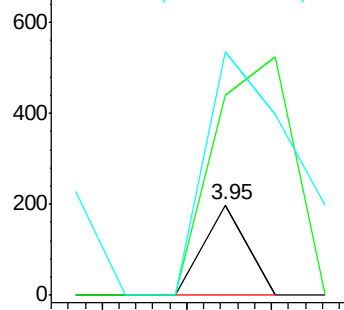
79 100

52 221.1 69.9 104.9#

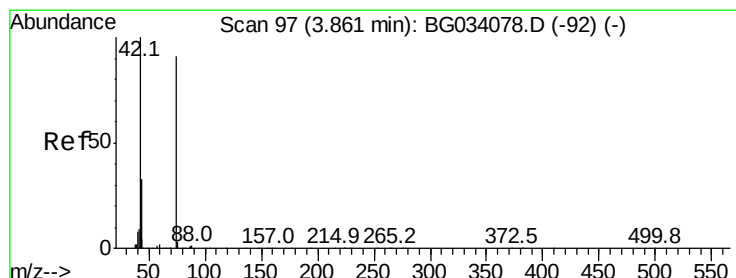
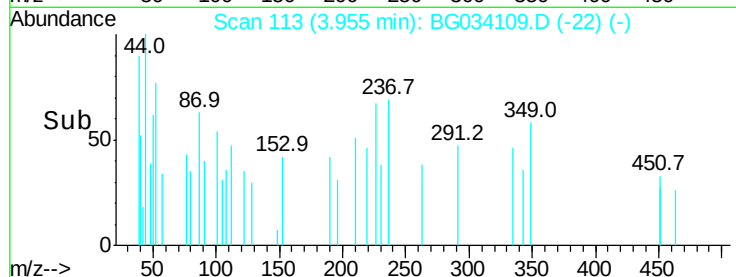
51 268.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.197 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

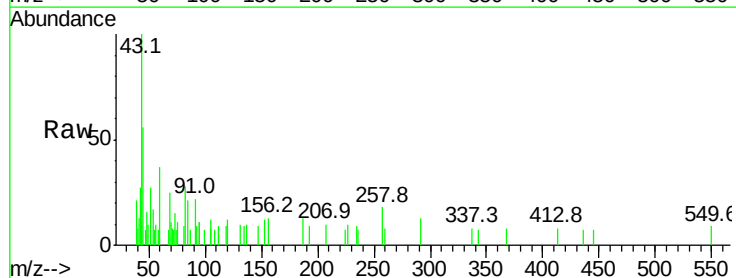
Tgt Ion: 42 Resp: 853

Ion Ratio Lower Upper

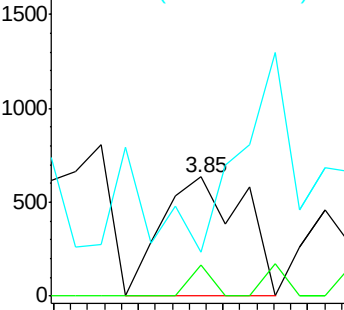
42 100

74 26.3 102.5 153.7#

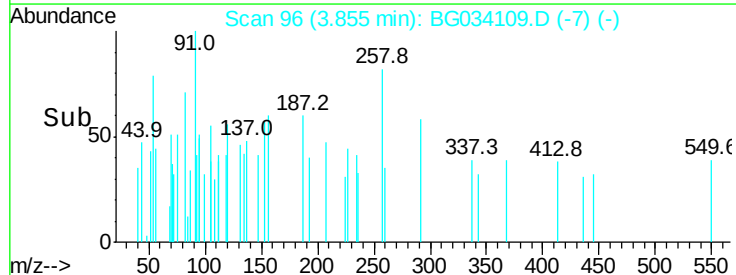
44 37.1 18.9 28.3#

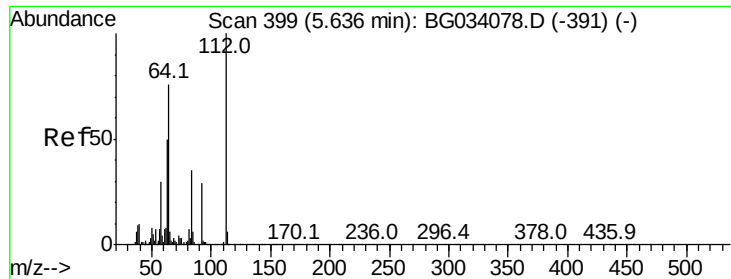


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 100.575 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

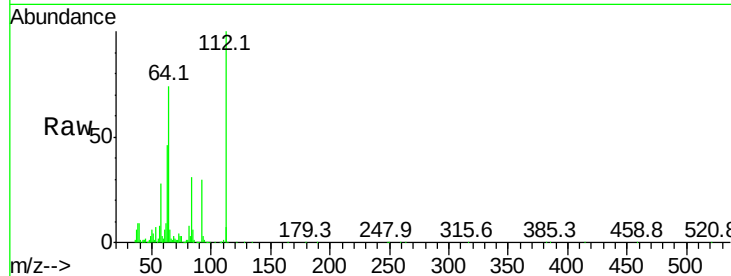
Tot Ion:112 Resp: 605949

Ion Ratio Lower Upper

112 100

64 73.5 56.3 84.5

63 46.4 30.1 45.1#



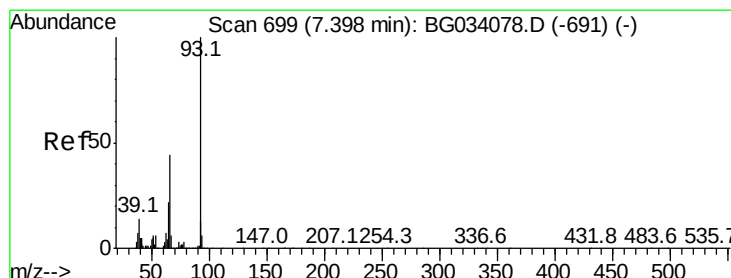
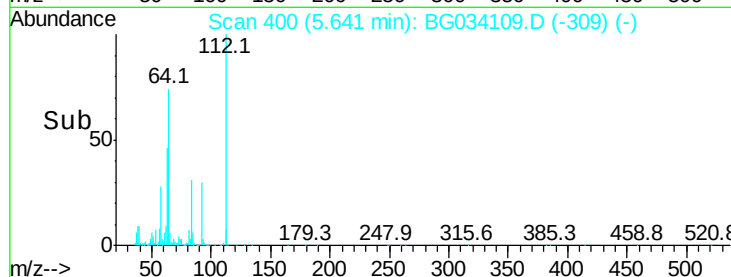
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.64

Time-->



#6

Aniline

Concen: 0.005 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

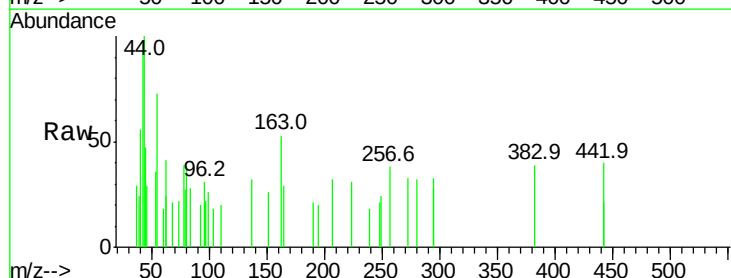
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

65 0.0 16.1 24.1#



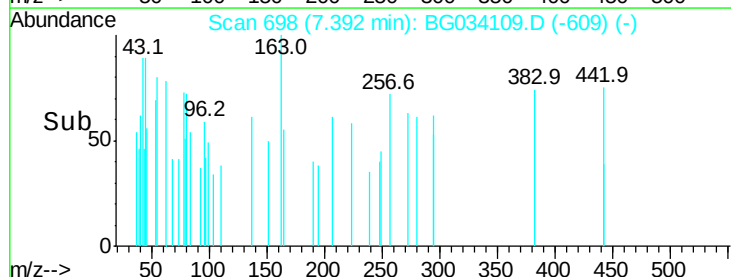
Abundance Ion 93.00 (92.70 to 93.70): BGC

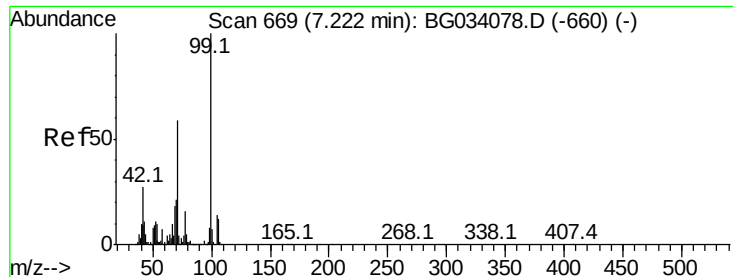
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.39

Time-->





#7

Phenol-d6

Concen: 84.224 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

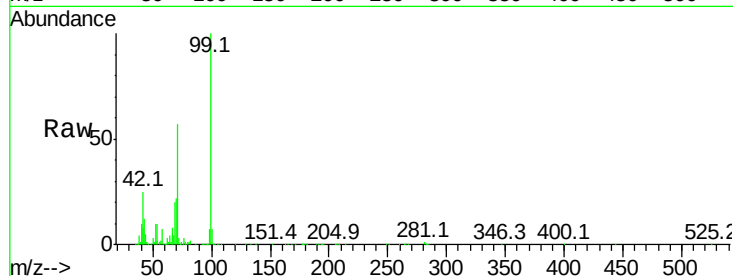
Tot Ion: 99 Resp: 789982

Ion Ratio Lower Upper

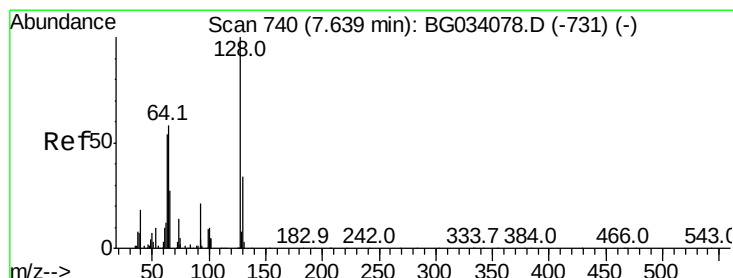
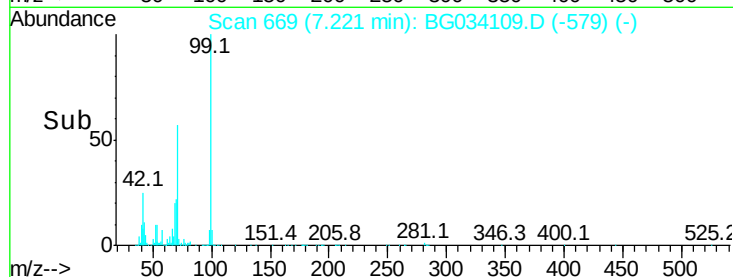
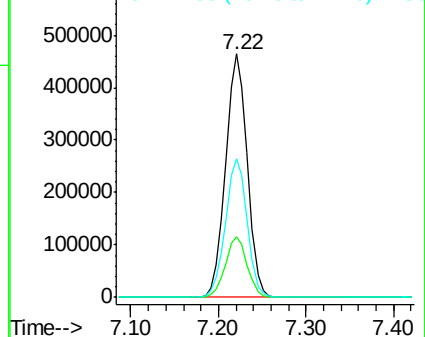
99 100

42 24.7 14.1 21.1#

71 57.1 26.1 39.1#



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: 0.044 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

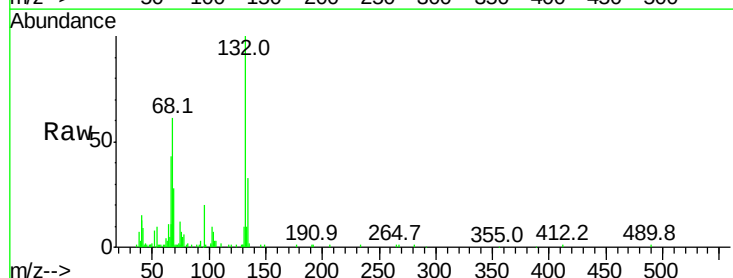
Tgt Ion: 128 Resp: 267

Ion Ratio Lower Upper

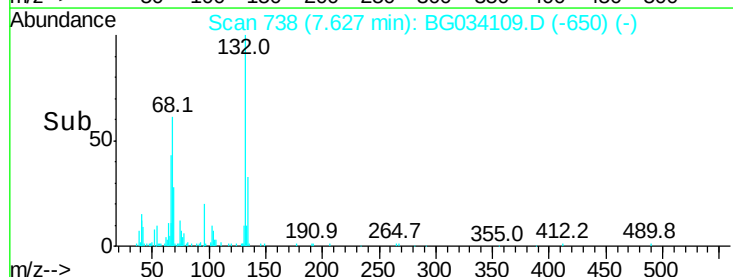
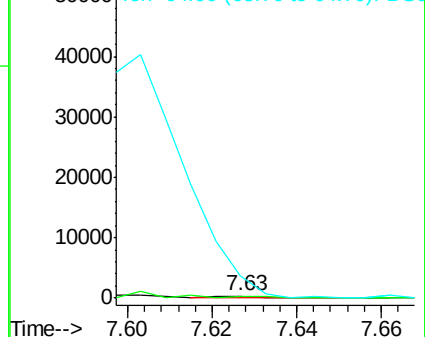
128 100

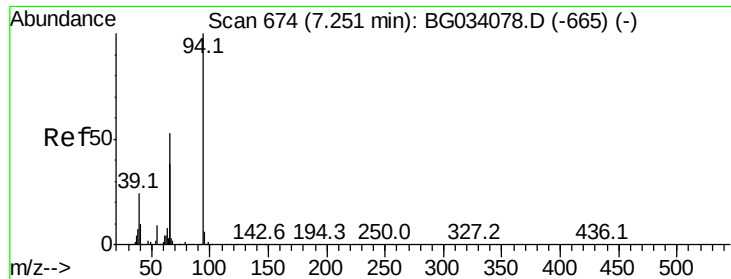
130 56.7 14.0 54.0#

64 1088.1 37.7 77.7#



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





#10

Phenol

Concen: 0.012 ng

RT: 6.84 min Scan# 604

Delta R.T. -0.41 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

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SU-04-042718

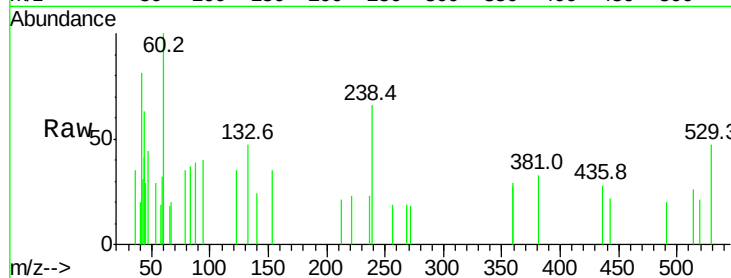
Tot Ion: 94 Resp: 118

Ion Ratio Lower Upper

94 100

65 45.5 11.9 51.9

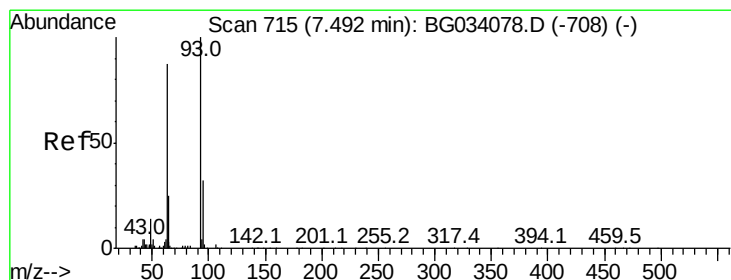
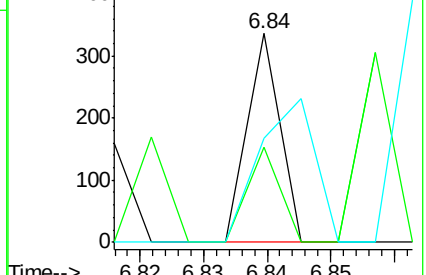
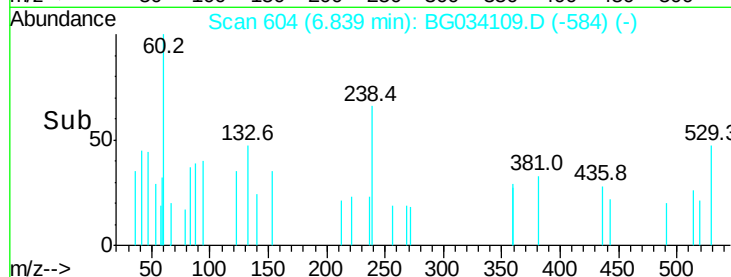
66 49.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.008 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

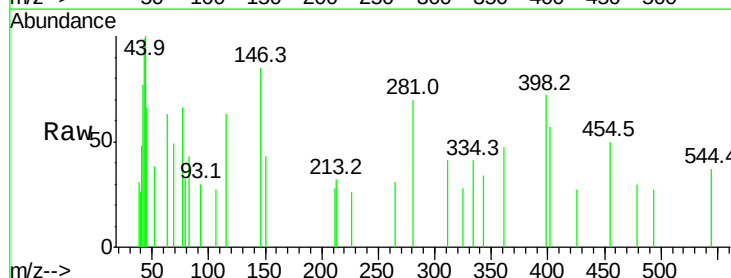
Tgt Ion: 93 Resp: 61

Ion Ratio Lower Upper

93 100

63 208.1 67.1 107.1#

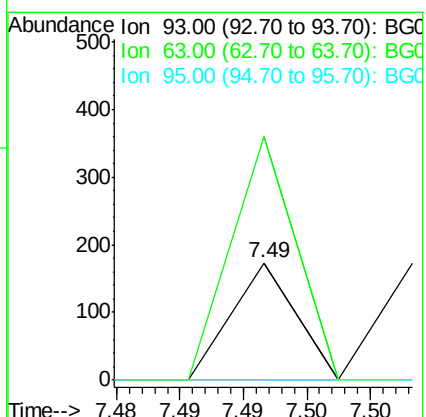
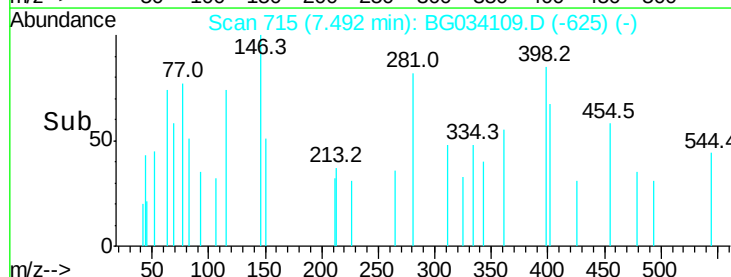
95 0.0 11.5 51.5#

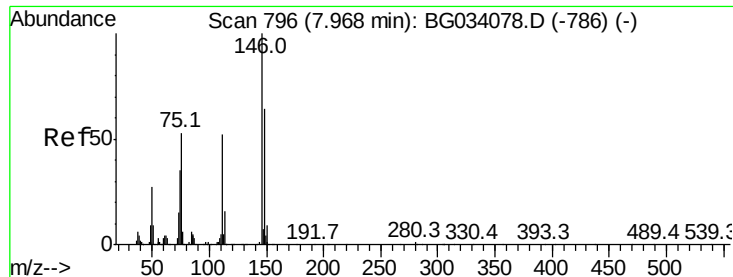


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 0.009 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.03 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

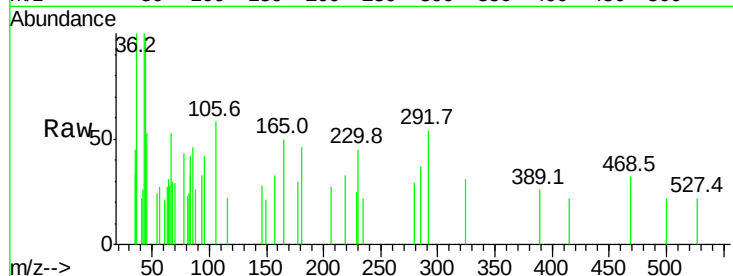
Tot Ion:146 Resp: 69

Ion Ratio Lower Upper

146 100

148 0.0 51.4 77.2#

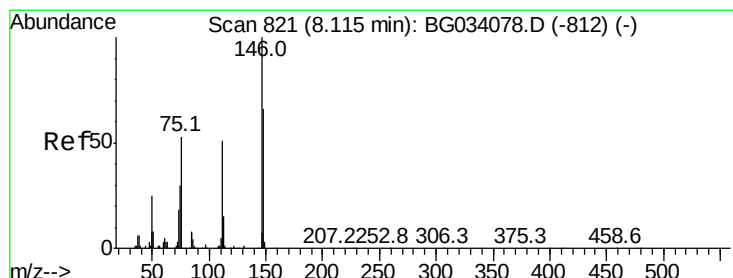
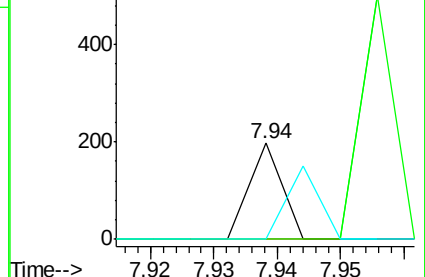
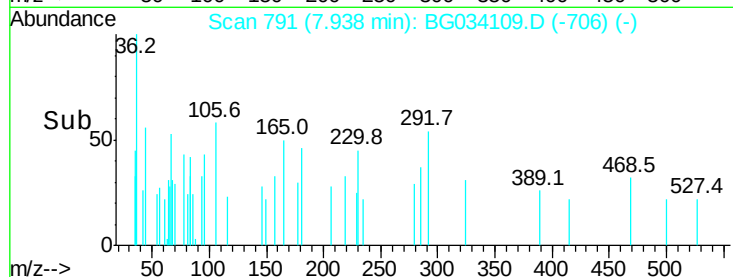
75 0.0 26.6 39.8#



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: 0.022 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.05 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

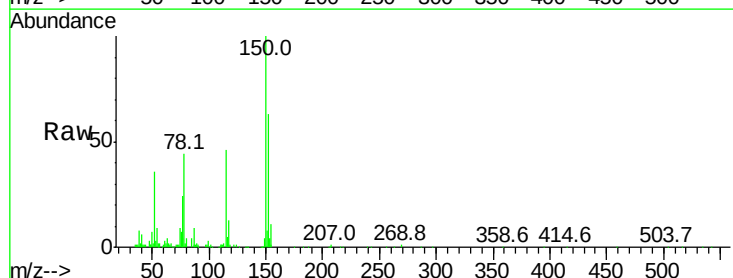
Tgt Ion:146 Resp: 164

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

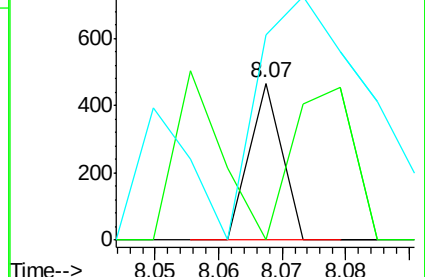
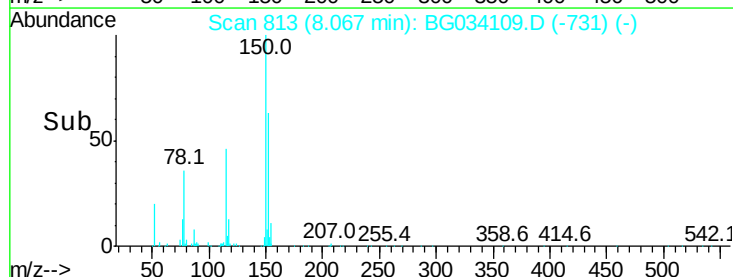
111 130.9 35.2 52.8#

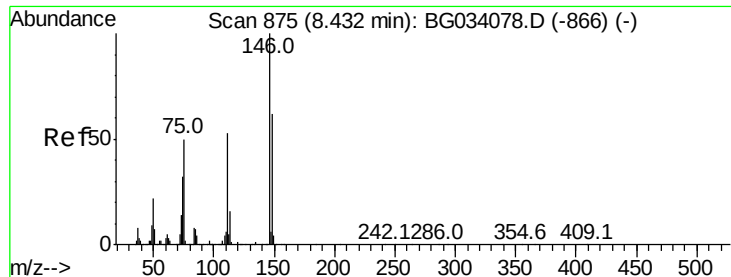


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

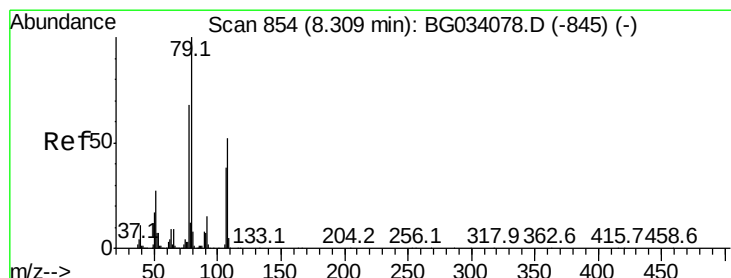
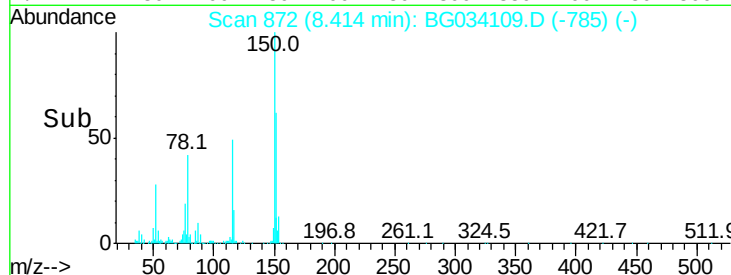
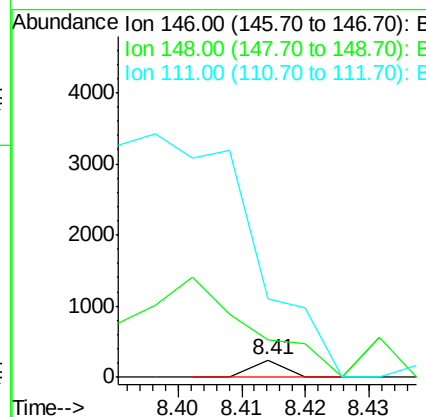
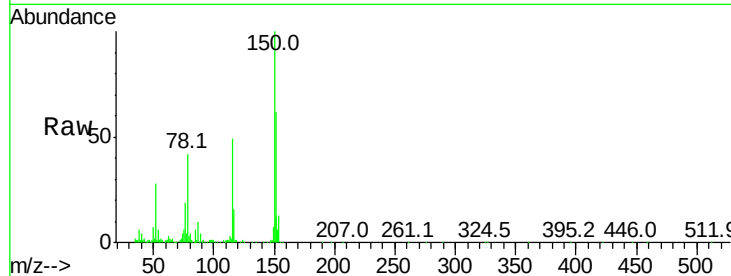




#14
1,2-Dichlorobenzene
Concen: 0.012 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

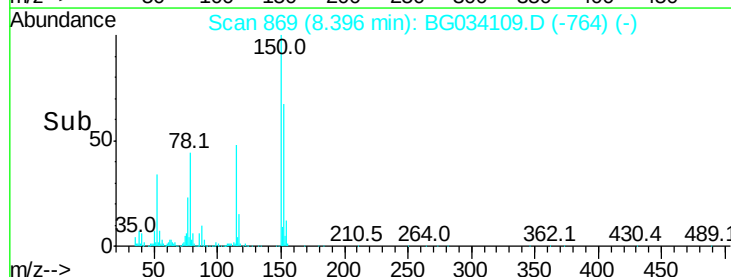
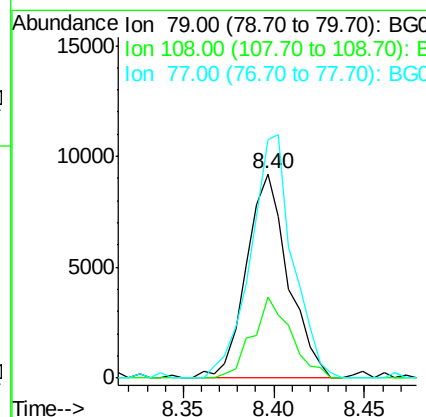
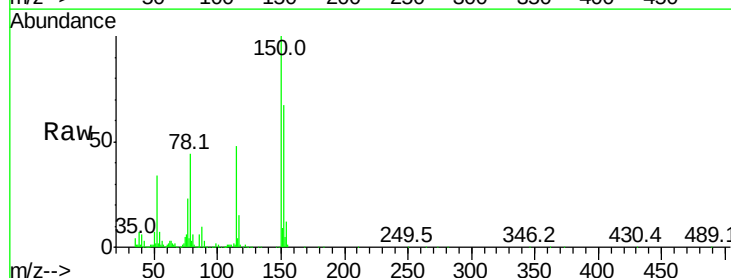
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

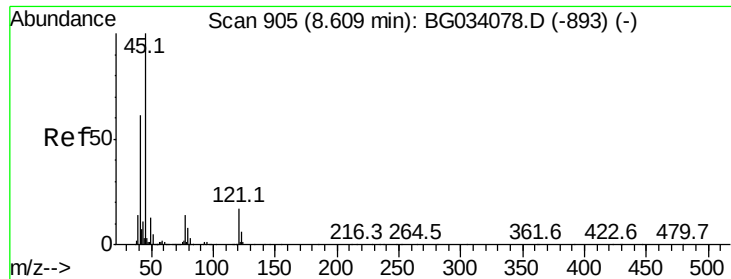
Tot Ion:146 Resp: 85
Ion Ratio Lower Upper
146 100
148 217.5 49.3 73.9#
111 460.4 34.3 51.5#



#15
Benzyl Alcohol
Concen: 1.475 ng
RT: 8.40 min Scan# 869
Delta R.T. 0.09 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion: 79 Resp: 14763
Ion Ratio Lower Upper
79 100
108 39.4 57.2 85.8#
77 116.8 46.1 69.1#

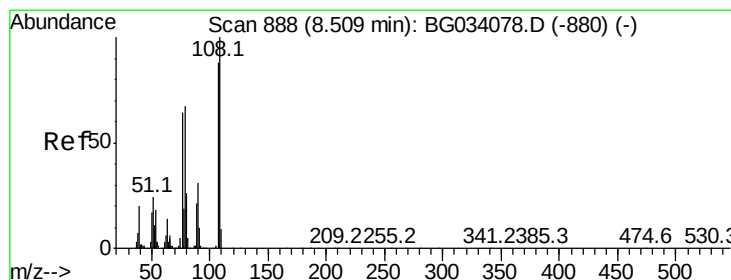
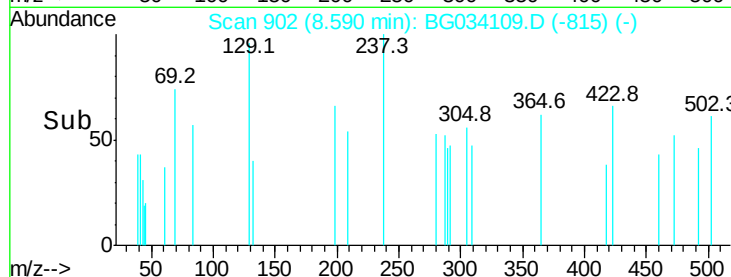
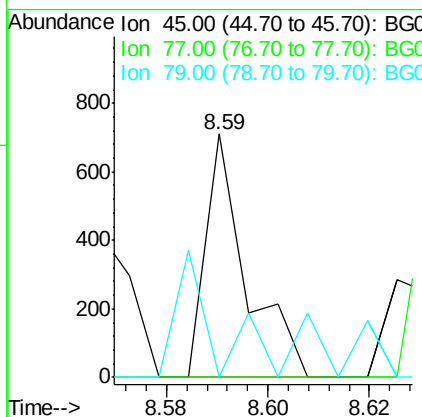
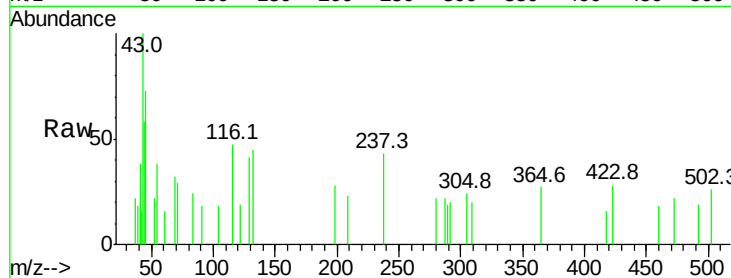




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.038 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

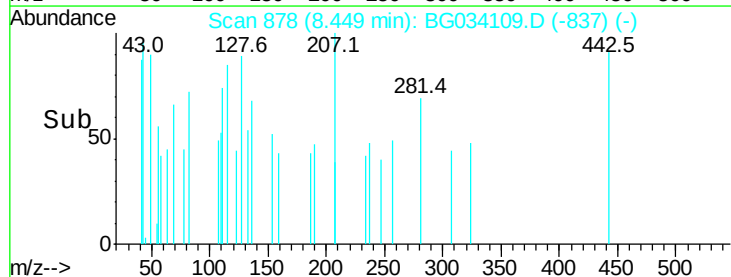
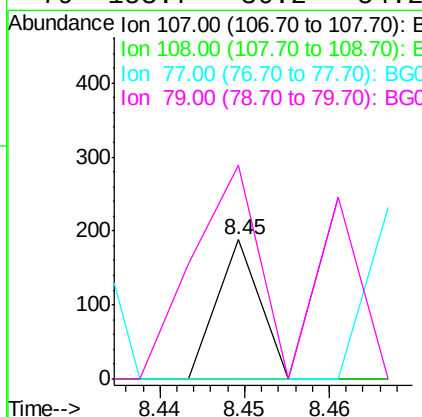
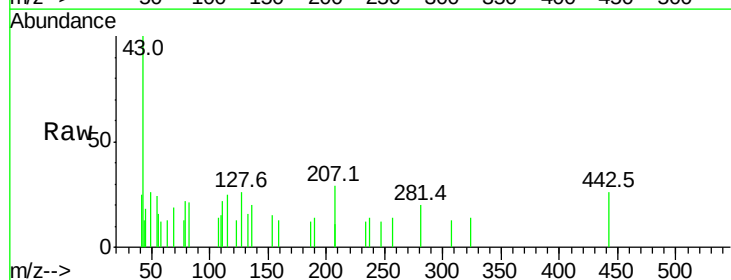
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

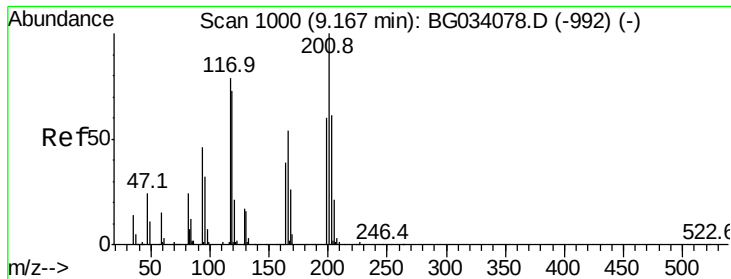
Tot Ion: 45 Resp: 393
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#17
2-Methylphenol
Concen: 0.011 ng
RT: 8.45 min Scan# 878
Delta R.T. -0.06 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion: 107 Resp: 66
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 153.7 36.2 54.2#





#18

Hexachloroethane

Concen: 0.017 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.03 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

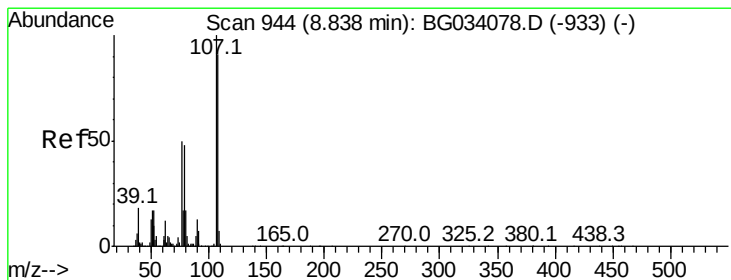
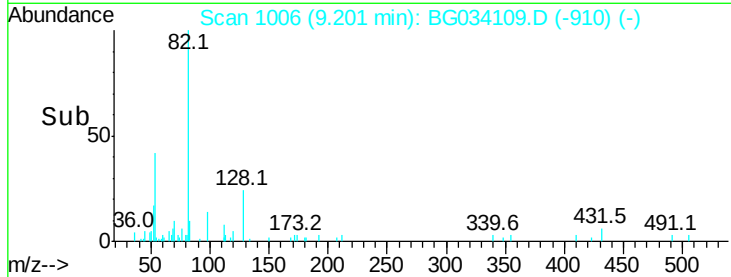
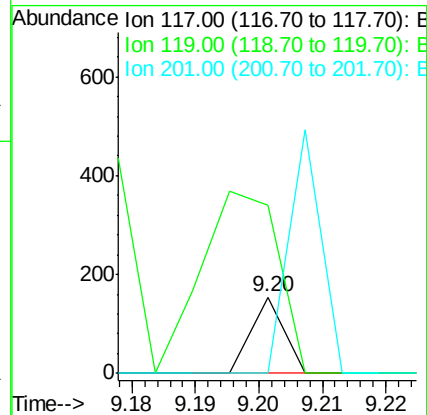
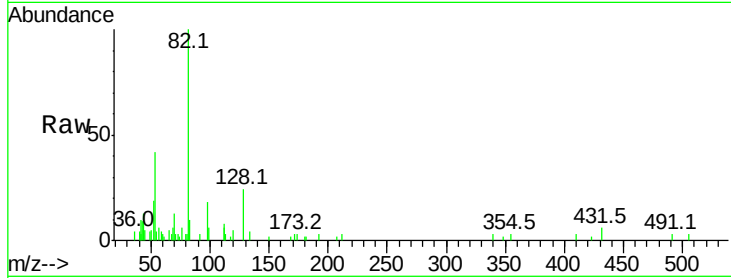
BNA_G

ClientSampleId :

SU-04-042718

Tot Ion:117 Resp: 54

Ion	Ratio	Lower	Upper
117	100		
119	220.1	76.7	115.1#
201	0.0	95.7	143.5#



#20

3+4-Methylphenols

Concen: 0.016 ng

RT: 8.83 min Scan# 942

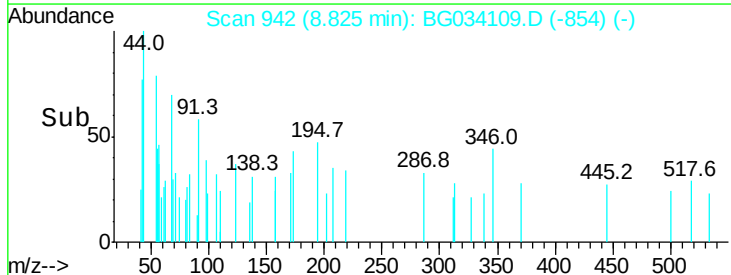
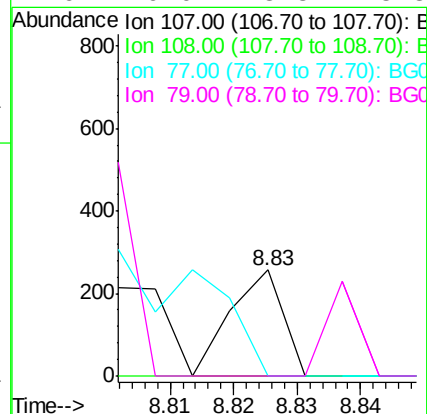
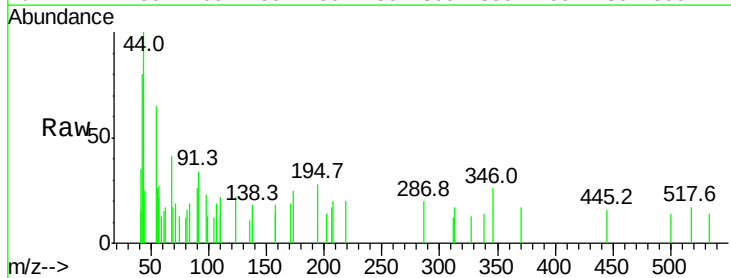
Delta R.T. -0.01 min

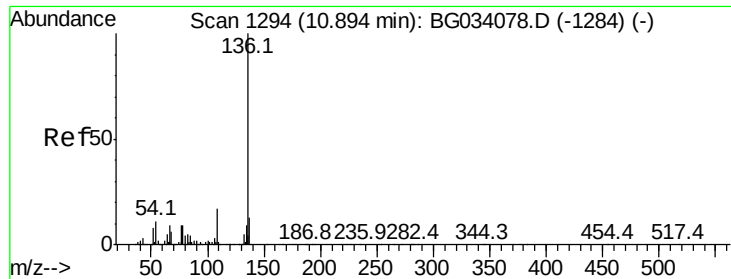
Lab File: BG034109.D

Acq: 2 May 2018 10:33

Tgt Ion:107 Resp: 146

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#

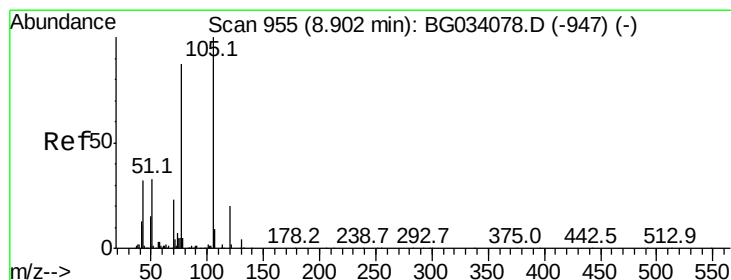
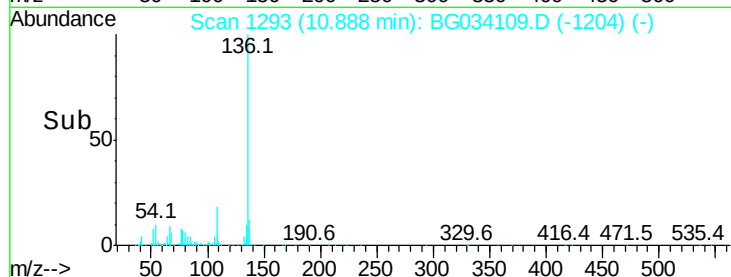
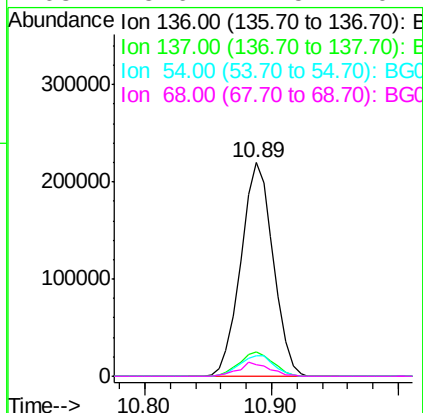
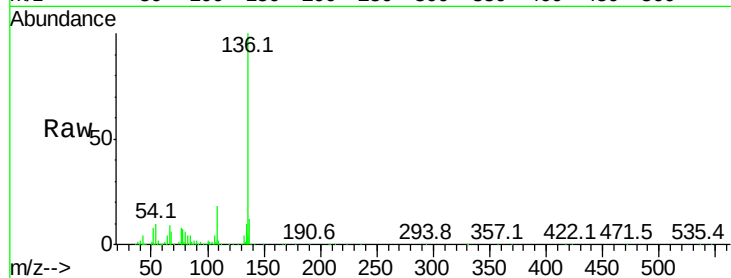




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

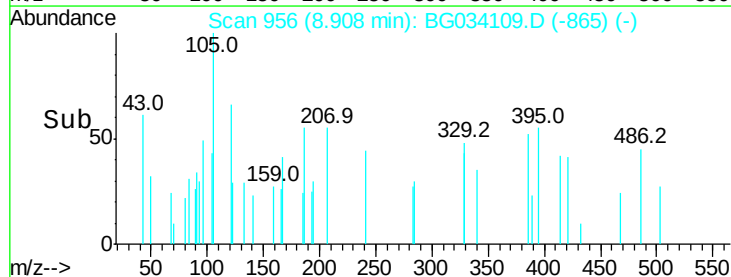
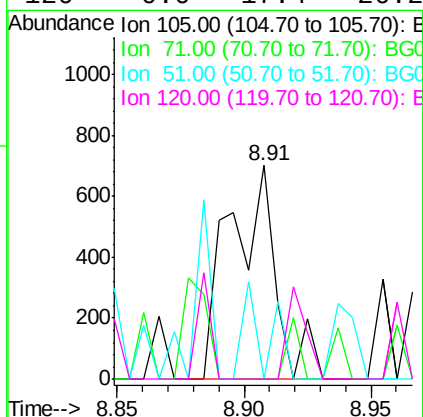
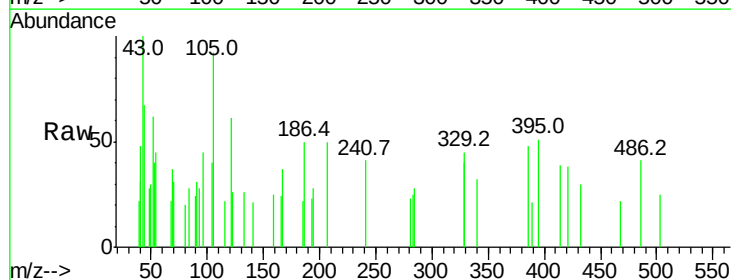
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

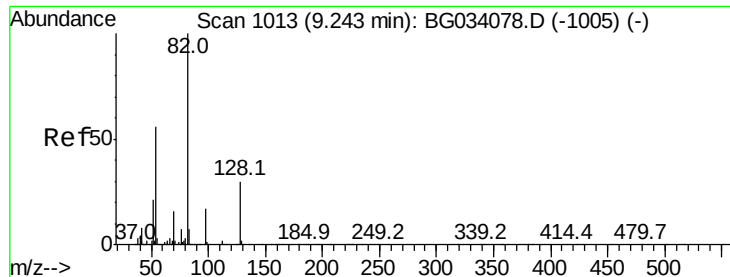
Tot Ion:	136	Resp:	387212
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.7	10.3	15.5#
68	5.6	4.5	6.7



#22
Acetophenone
Concen: 0.069 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:	105	Resp:	908
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#

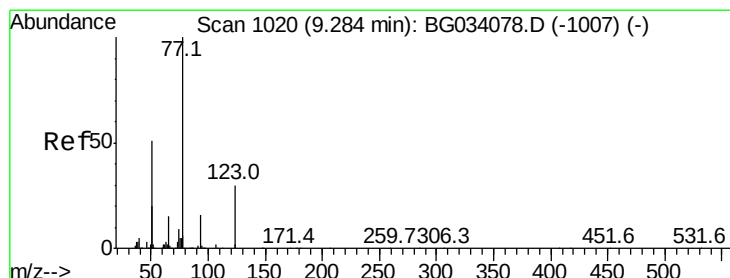
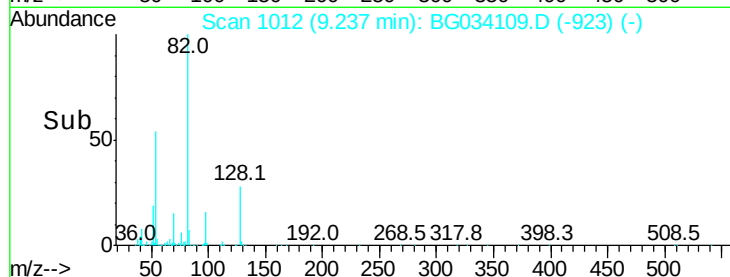
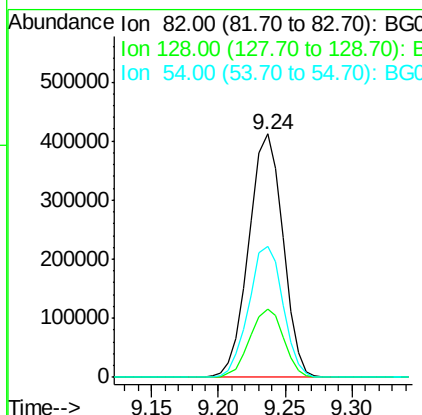
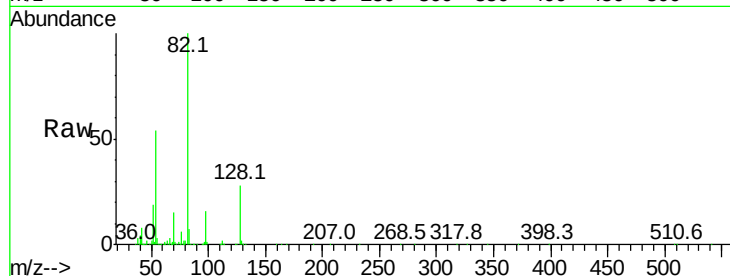




#23
Nitrobenzene-d5
Concen: 72.087 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

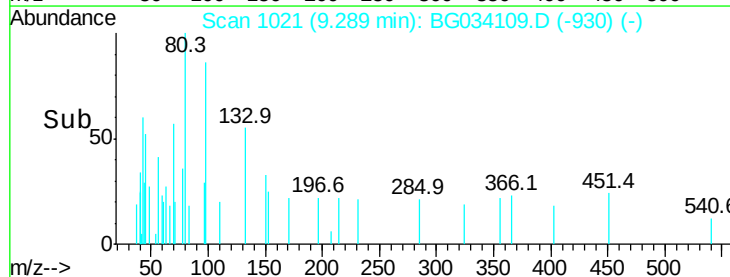
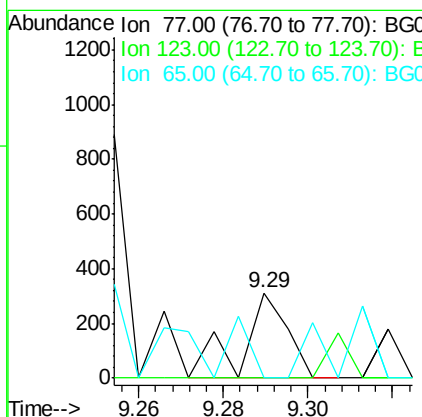
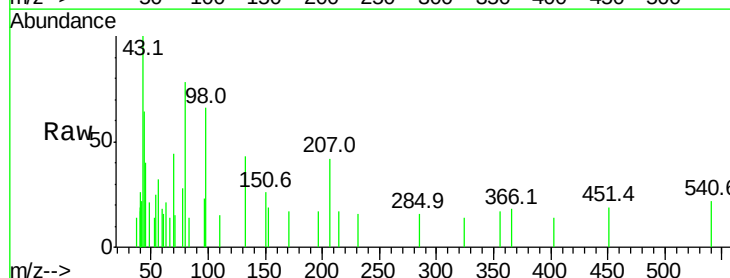
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

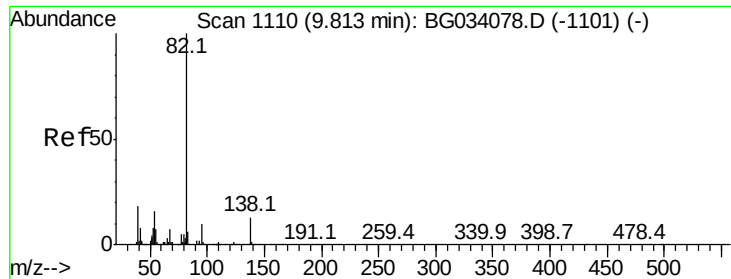
Tot Ion: 82 Resp: 727506
Ion Ratio Lower Upper
82 100
128 27.9 29.7 44.5#
54 53.7 43.1 64.7



#24
Nitrobenzene
Concen: 0.021 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.004 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

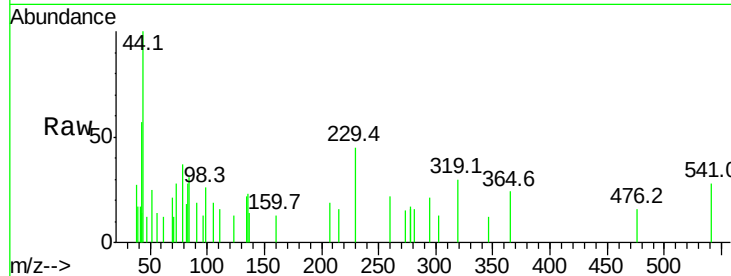
Tot Ion: 82 Resp: 83

Ion Ratio Lower Upper

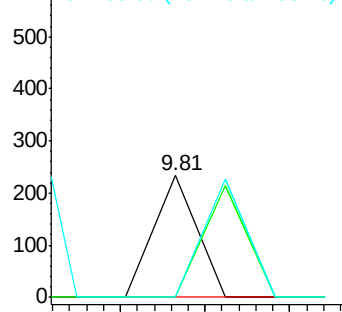
82 100

95 0.0 6.2 9.2#

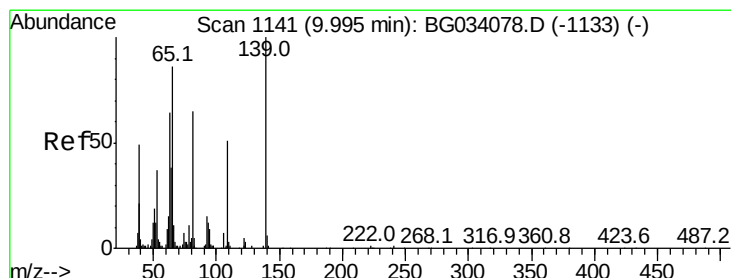
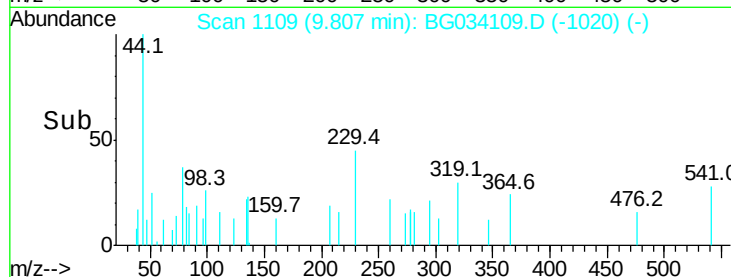
138 0.0 12.1 18.1#



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



Time-->



#26

2-Nitrophenol

Concen: 0.038 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

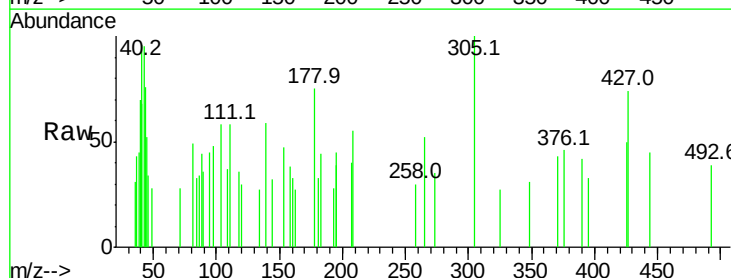
Tgt Ion: 139 Resp: 117

Ion Ratio Lower Upper

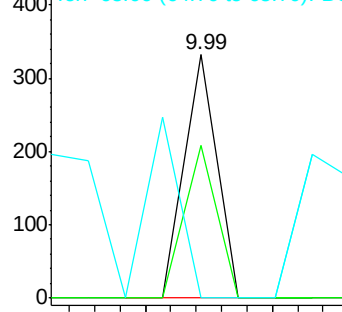
139 100

109 62.7 24.2 36.2#

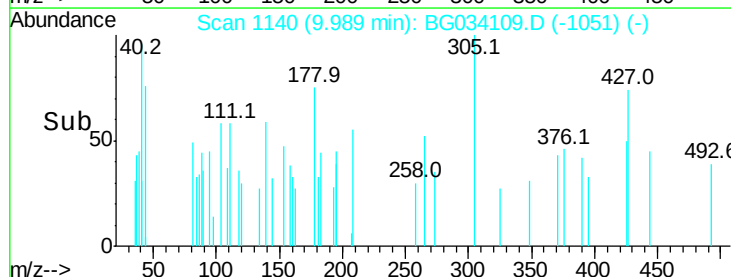
65 0.0 47.4 71.0#

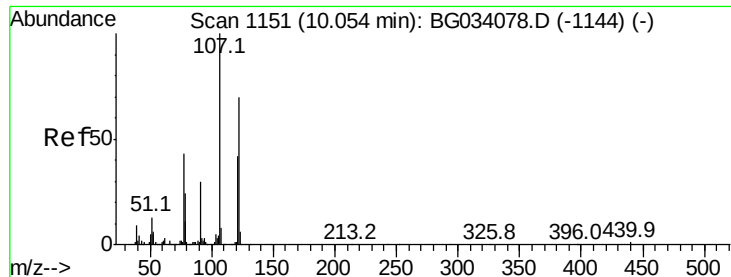


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#27

2,4-Dimethylphenol

Concen: 0.009 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

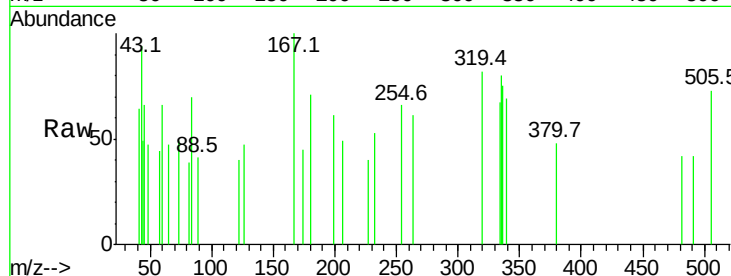
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

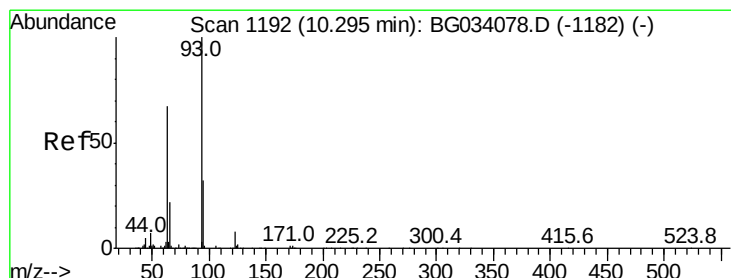
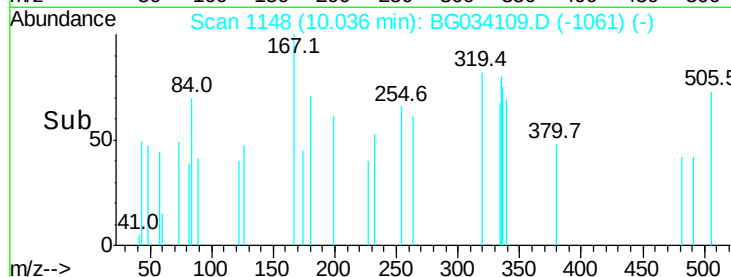
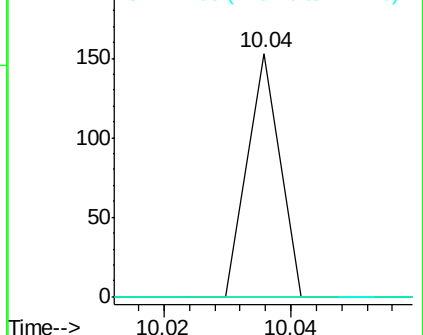
121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.011 ng

RT: 10.31 min Scan# 1195

Delta R.T. 0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

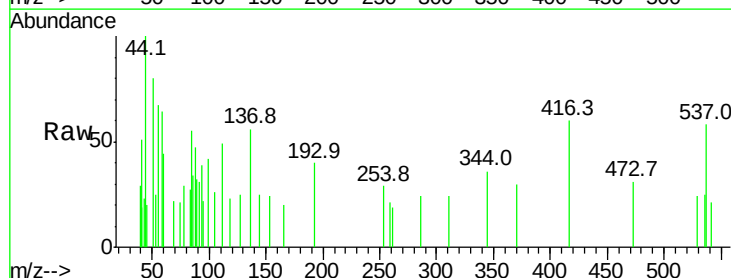
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

95 0.0 24.3 36.5#

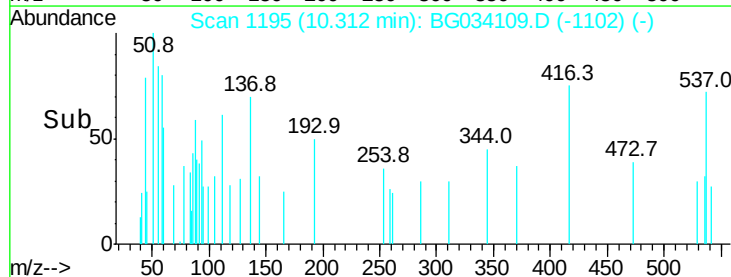
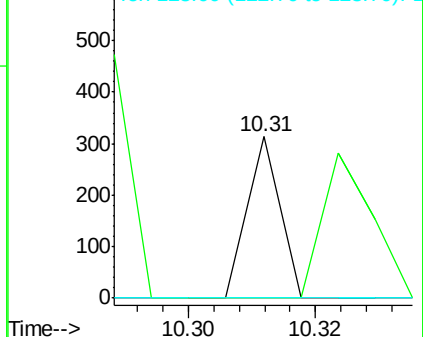
123 0.0 8.4 12.6#

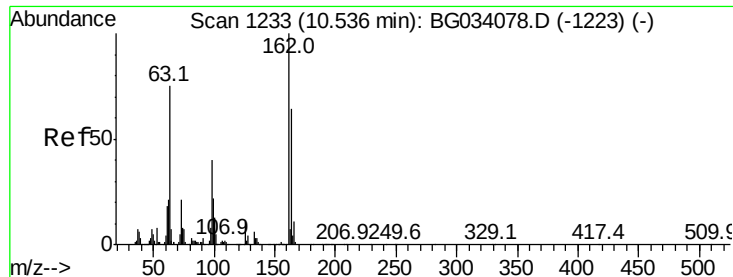


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 0.008 ng

RT: 10.54 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

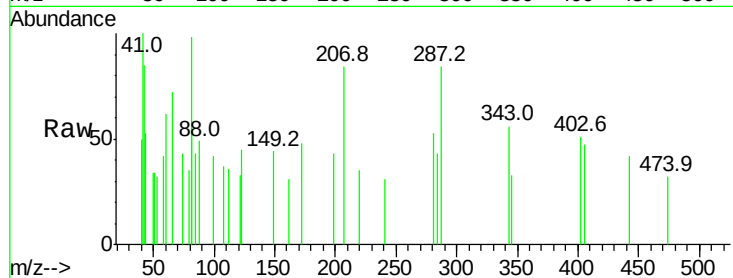
Tot Ion:162 Resp: 54

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

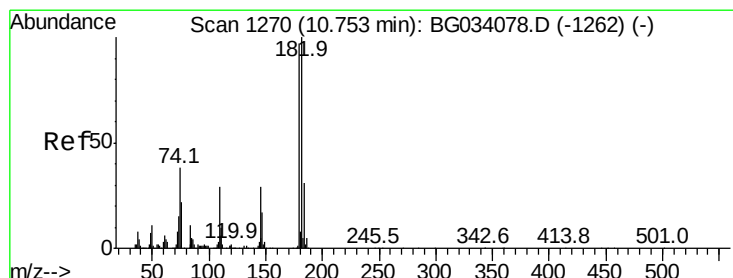
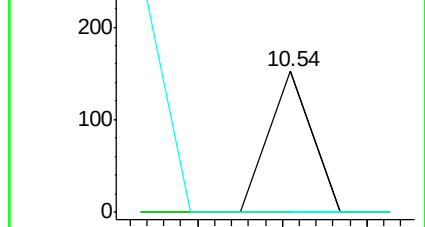
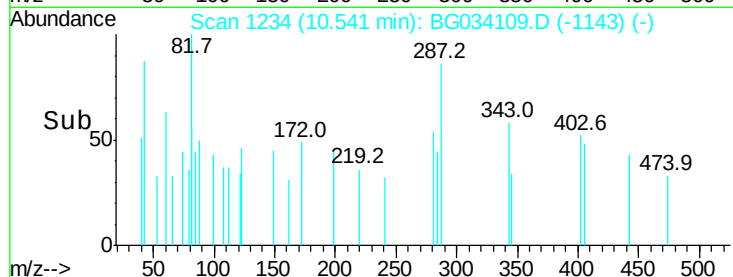
98 0.0 21.1 61.1#



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: 0.008 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

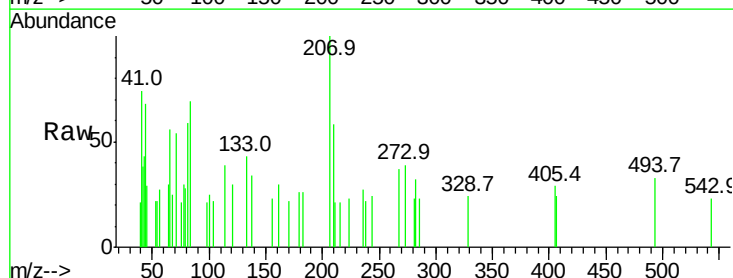
Tgt Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 102.2 77.5 116.3

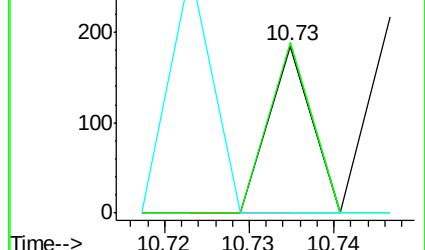
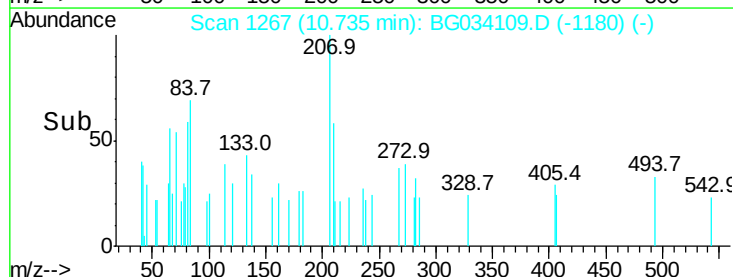
145 0.0 23.4 35.2#

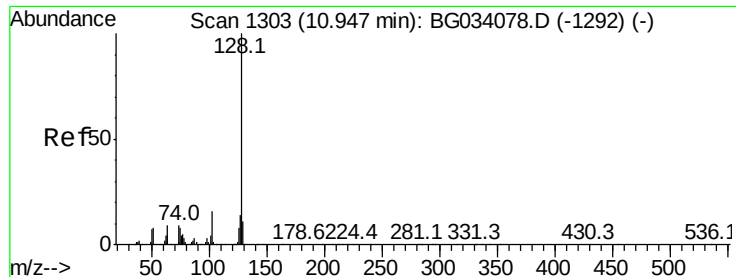


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

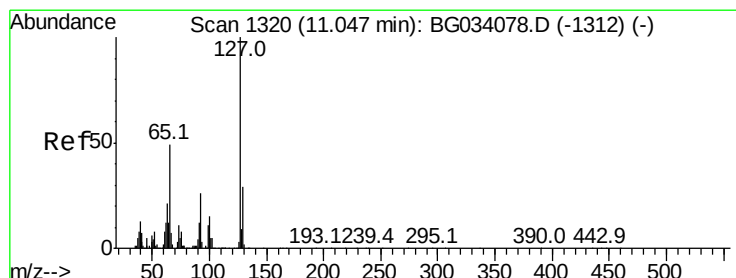
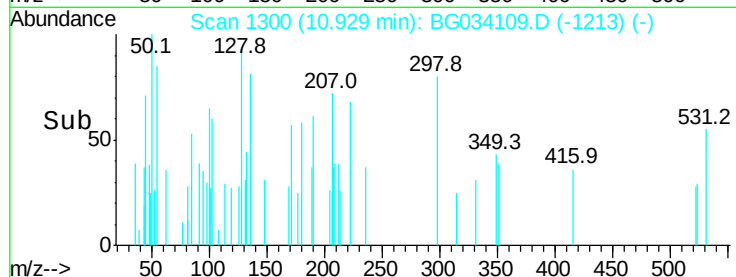
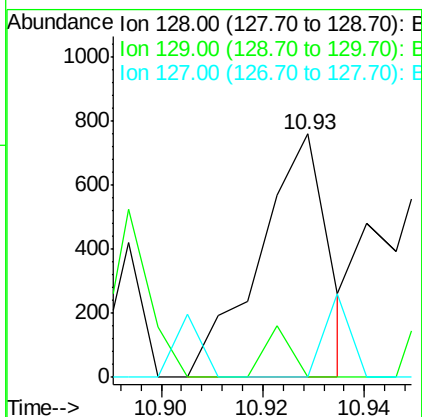
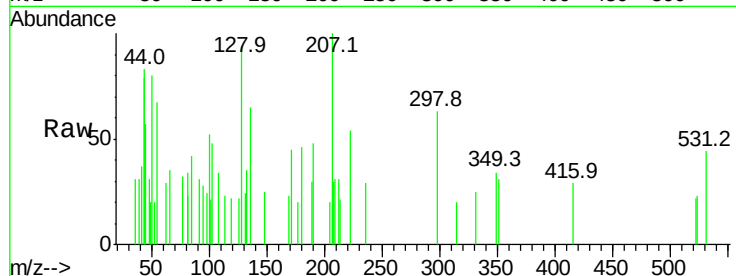




#31
Naphthalene
Concen: 0.035 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

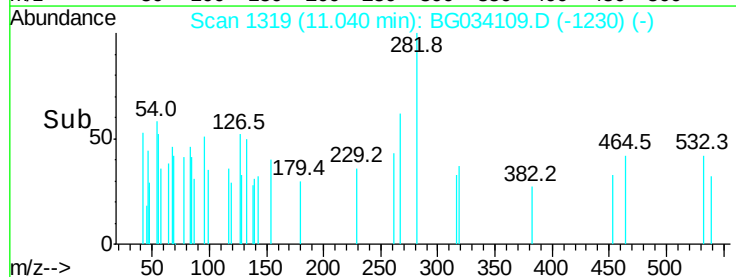
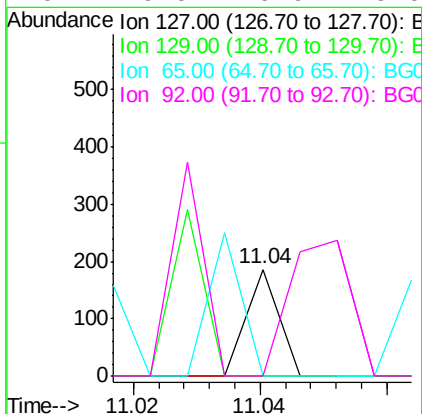
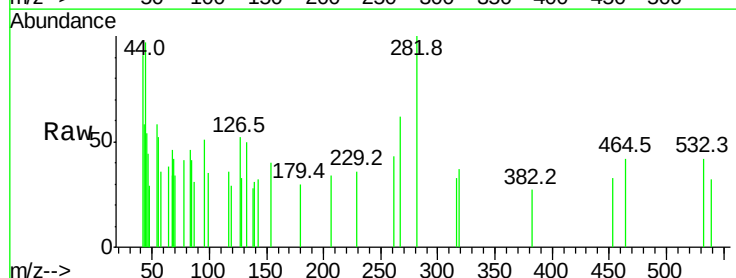
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

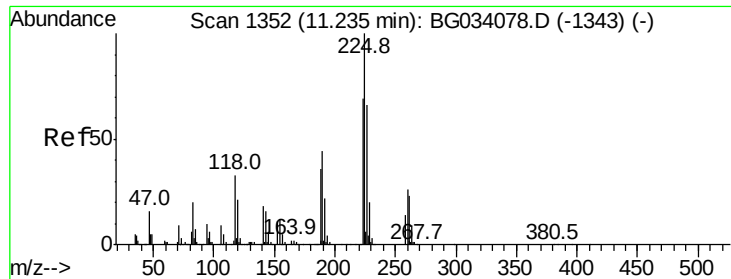
Tot Ion:128 Resp: 713
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#33
4-Chloroaniline
Concen: 0.007 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:127 Resp: 66
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#34

Hexachlorobutadiene

Concen: 0.029 ng

RT: 11.37 min Scan# 1375

Delta R.T. 0.13 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

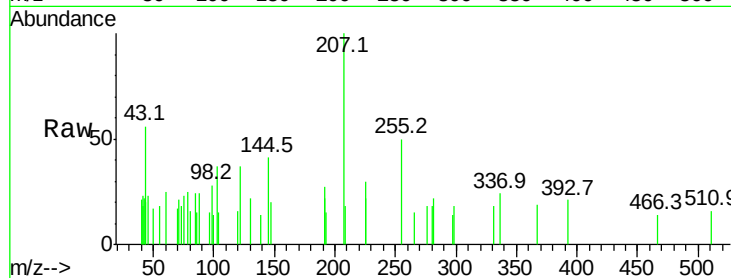
Tot Ion:225 Resp: 207

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

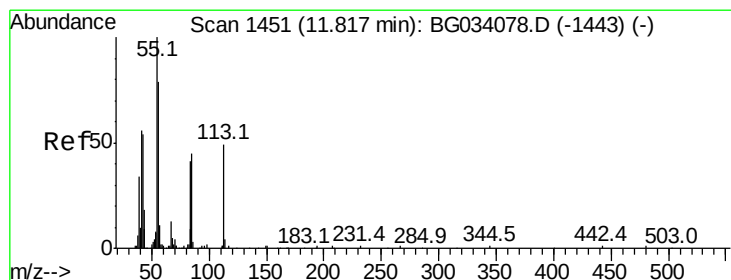
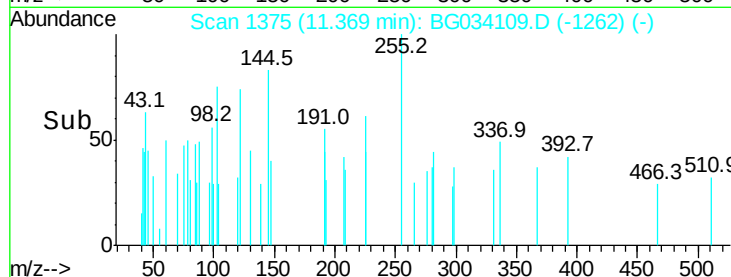
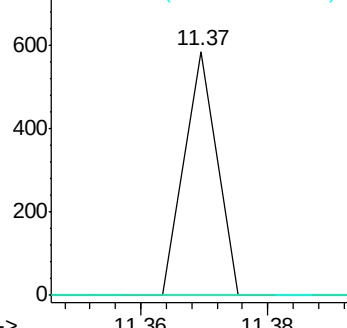
227 0.0 48.1 72.1#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.048 ng

RT: 11.88 min Scan# 1462

Delta R.T. 0.06 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

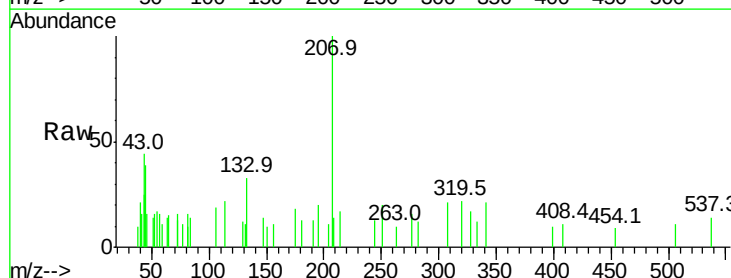
Tgt Ion:113 Resp: 122

Ion Ratio Lower Upper

113 100

55 79.1 186.9 226.9#

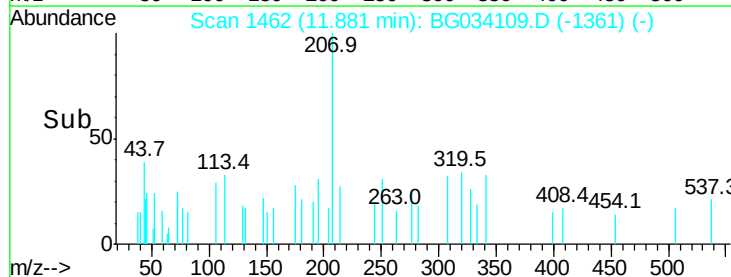
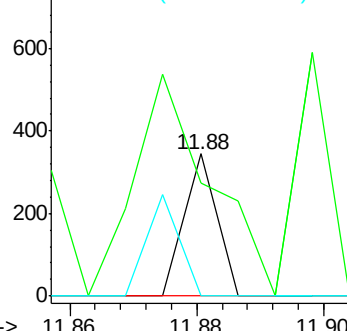
56 0.0 130.9 170.9#

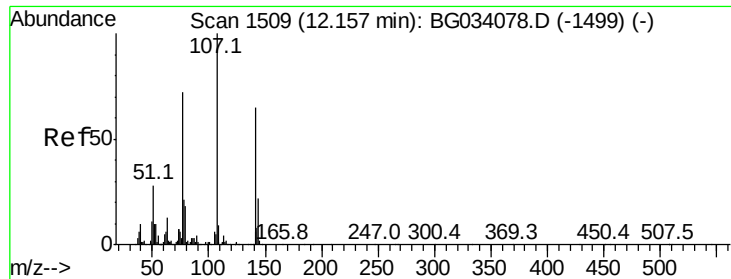


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

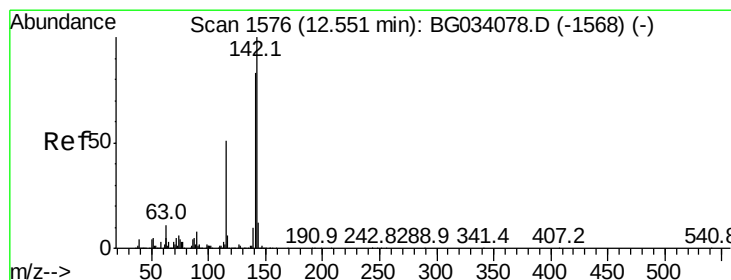
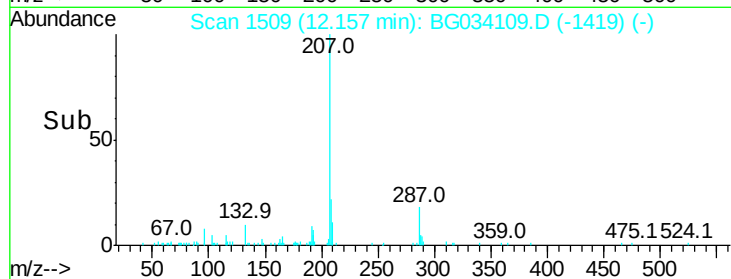
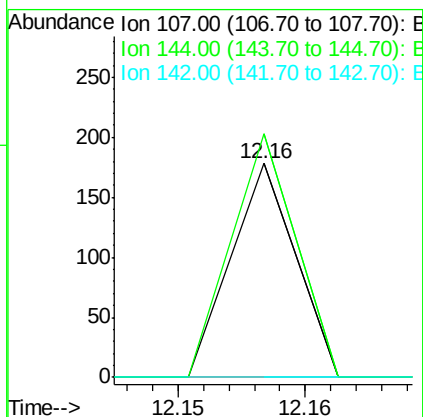
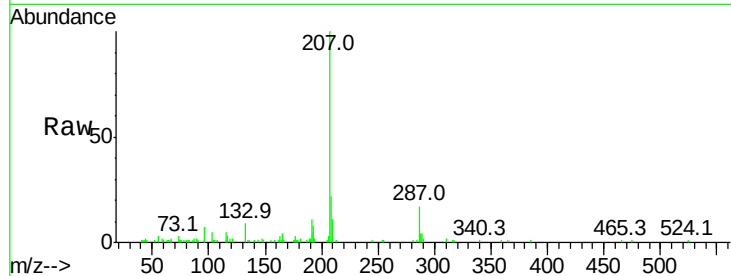




#36
4-Chloro-3-methylphenol
Concen: 0.007 ng
RT: 12.16 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

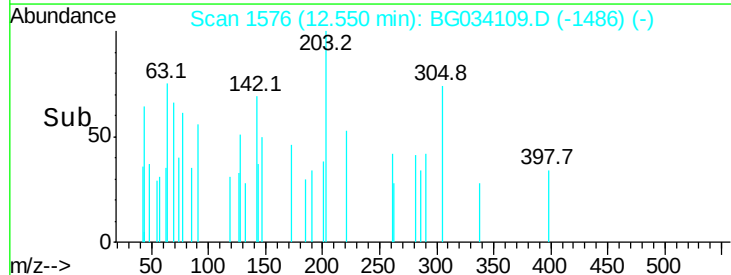
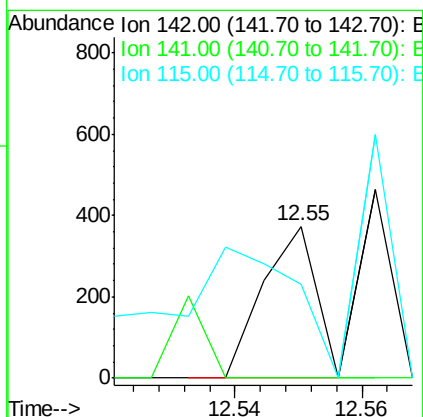
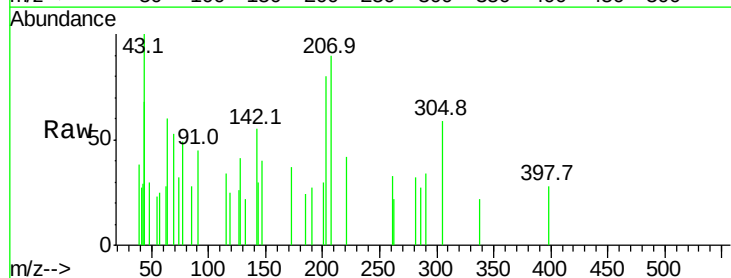
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

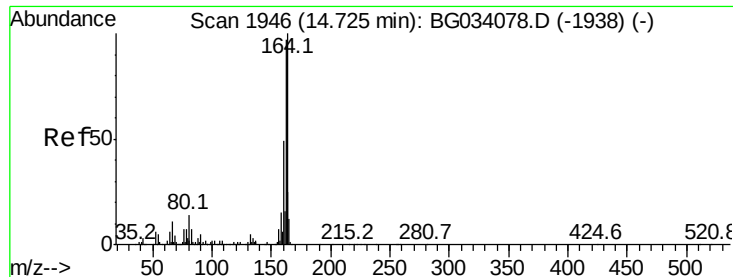
Tot Ion:107 Resp: 63
Ion Ratio Lower Upper
107 100
144 114.0 18.2 27.4#
142 0.0 59.0 88.4#



#37
2-Methylnaphthalene
Concen: 0.013 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
141 0.0 67.1 100.7#
115 61.9 30.7 46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

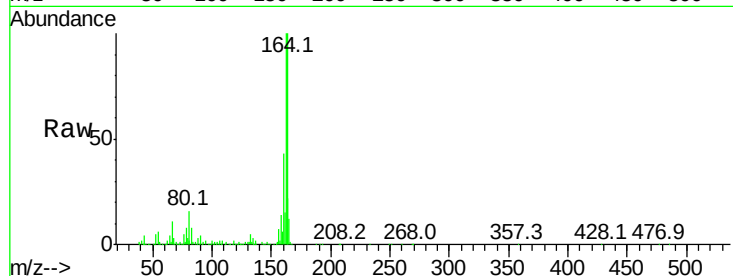
Tot Ion:164 Resp: 296362

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

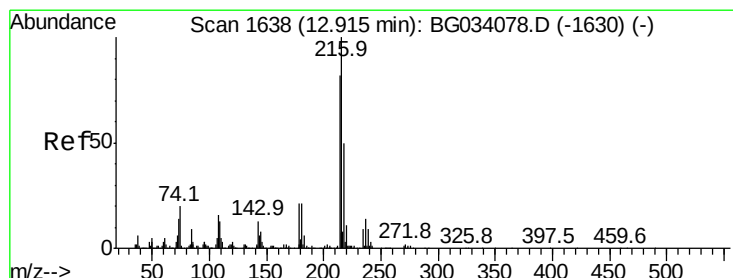
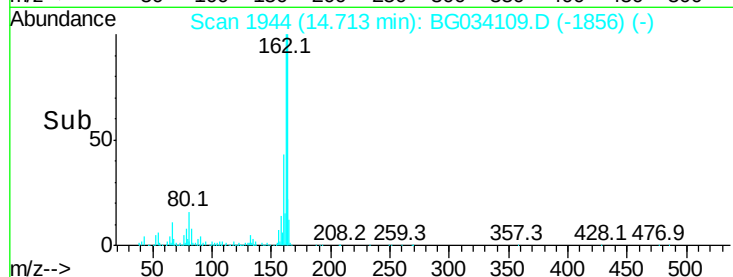
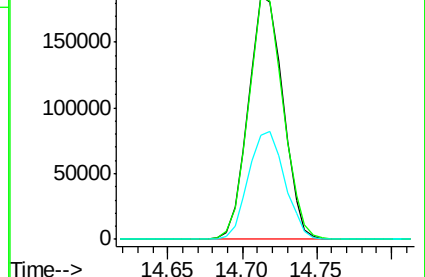
160 42.8 35.4 53.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.005 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.08 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Tgt Ion:216 Resp: 57

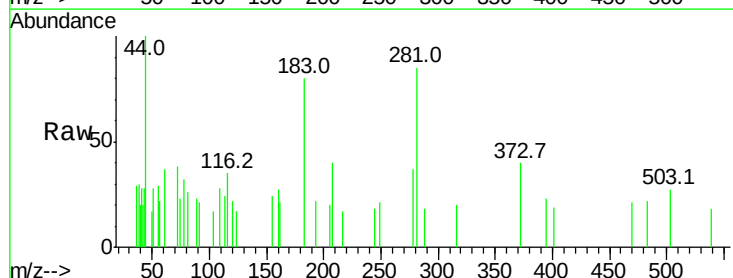
Ion Ratio Lower Upper

216 100

214 208.8 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

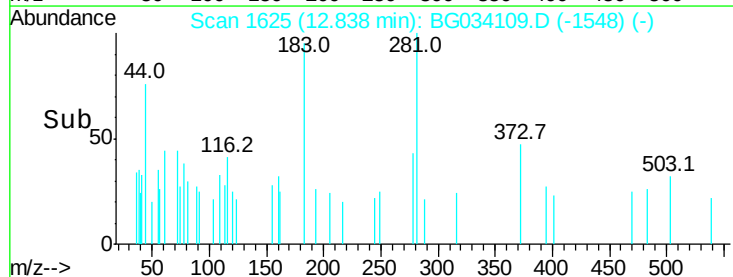
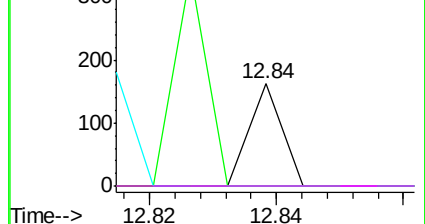


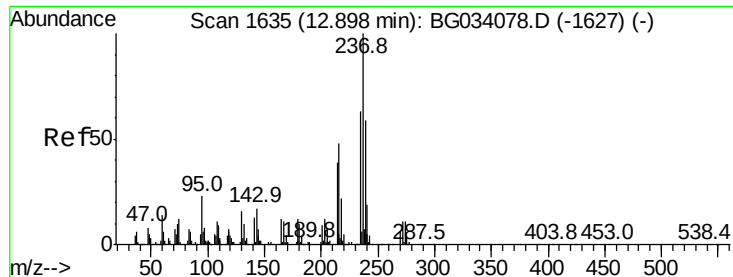
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

Hexachlorocyclopentadiene

Concen: 0.029 ng

RT: 13.31 min Scan# 1706

Delta R.T. 0.42 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

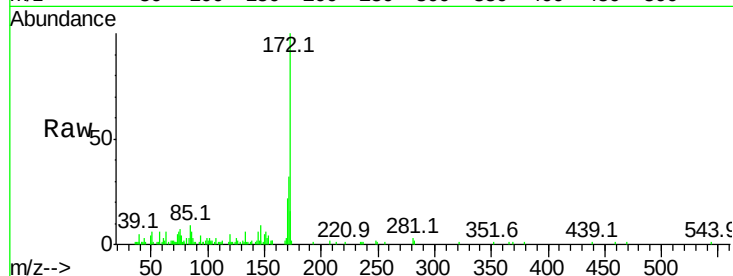
Tot Ion:237 Resp: 200

Ion Ratio Lower Upper

237 100

235 53.4 50.4 90.4

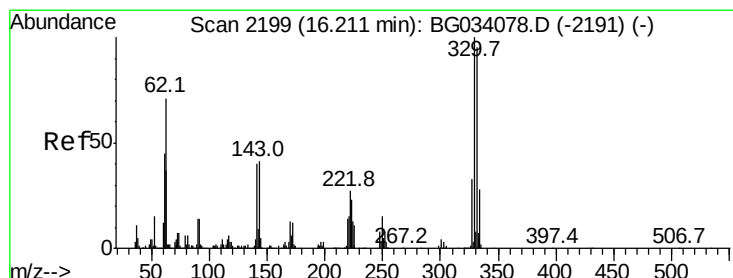
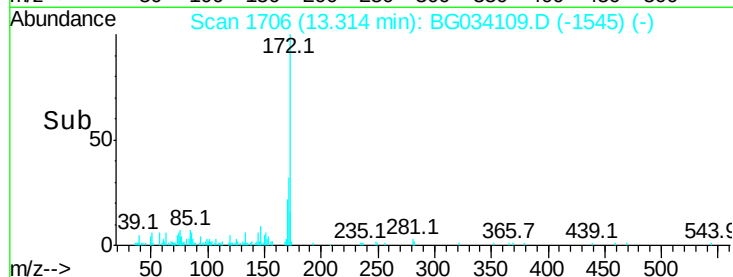
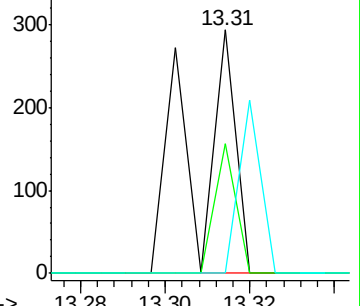
272 0.0 0.0 31.8



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



#41

2,4,6-Tribromophenol

Concen: 110.679 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

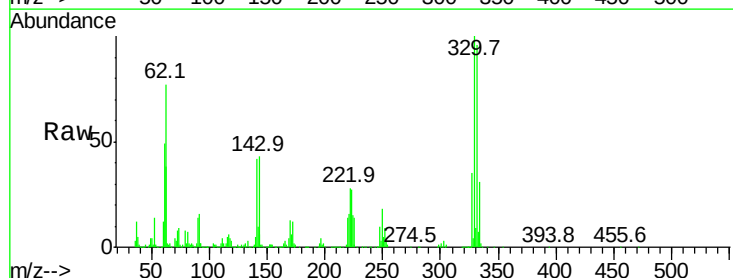
Tgt Ion:330 Resp: 454199

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

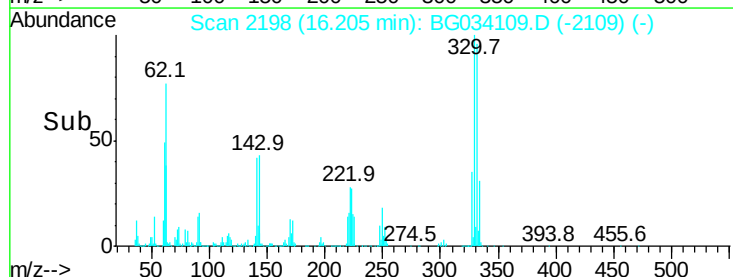
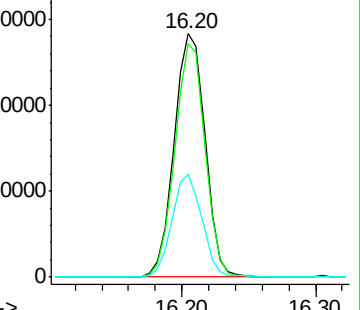
141 41.1 25.2 37.8#

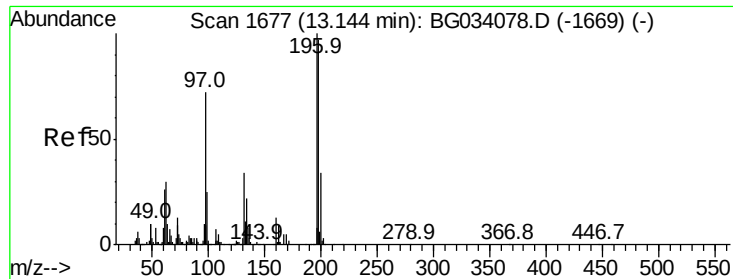


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 0.011 ng

RT: 13.14 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

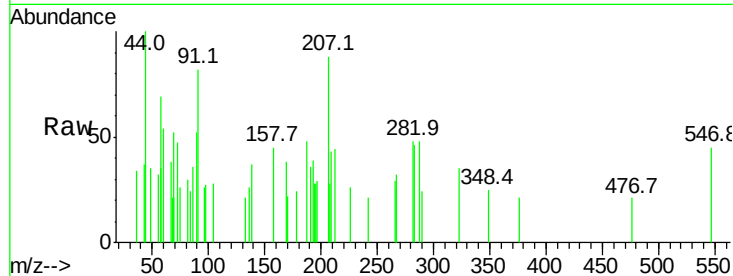
Tot Ion:196 Resp: 75

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

200 0.0 24.6 36.8#

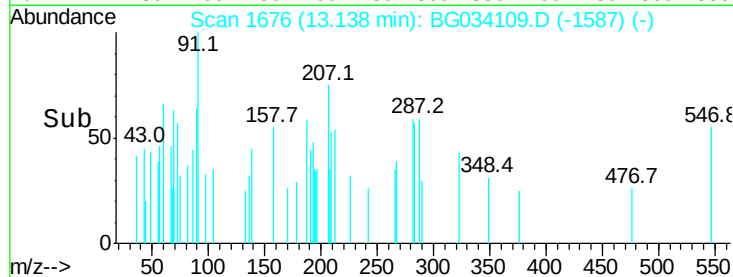


Abundance Ion 196.00 (195.70 to 196.70): E

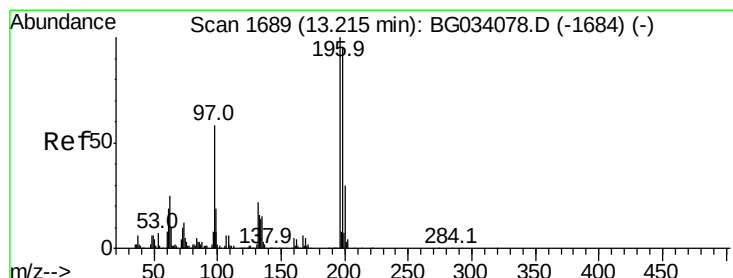
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



#43

2,4,5-Trichlorophenol

Concen: 0.011 ng

RT: 13.20 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Tgt Ion:196 Resp: 79

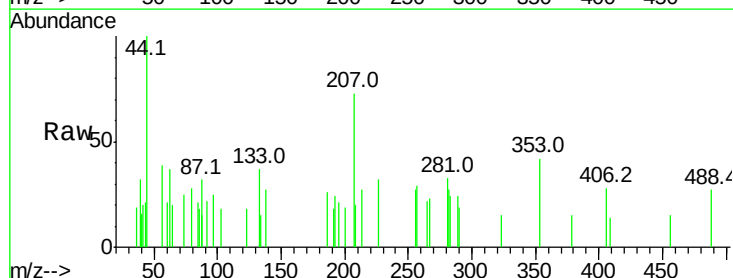
Ion Ratio Lower Upper

196 100

198 0.0 76.2 114.4#

97 116.0 38.7 58.1#

132 0.0 20.2 30.2#



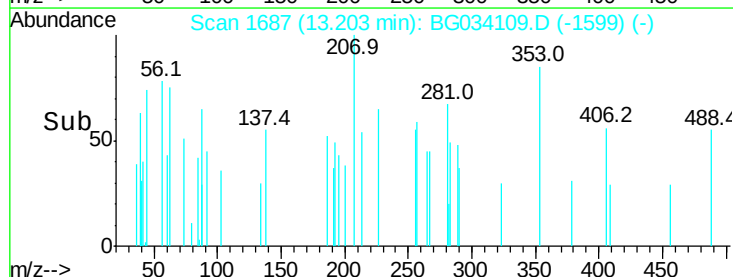
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

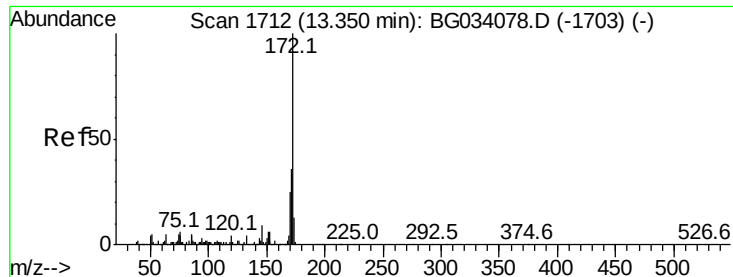
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

Time-->



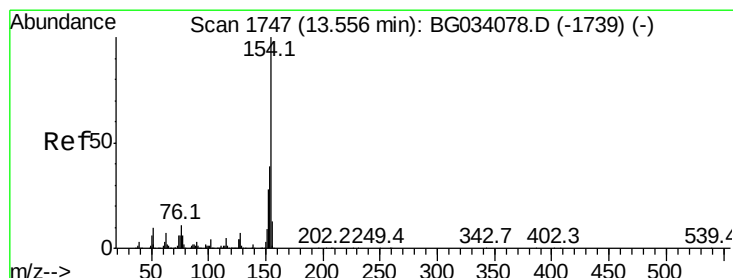
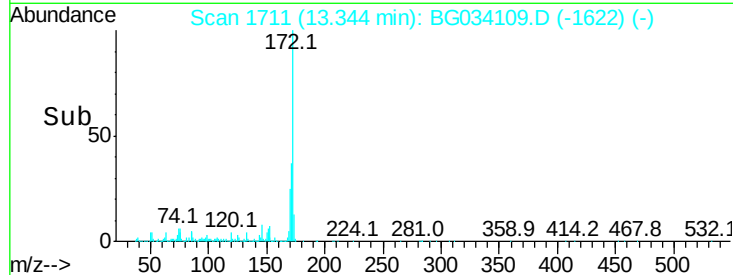
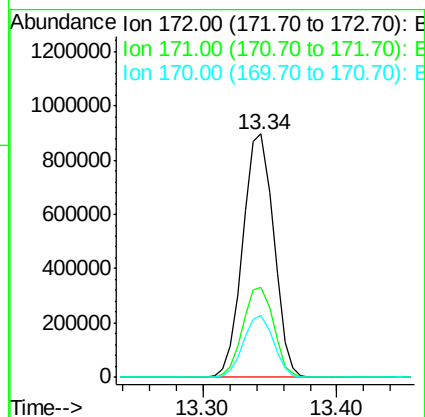
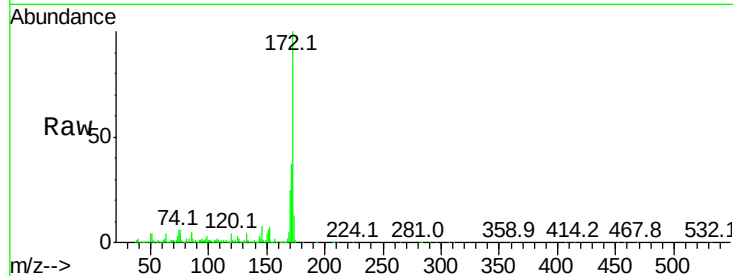
Time-->



#44
2-Fluorobiphenyl
Concen: 70.646 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

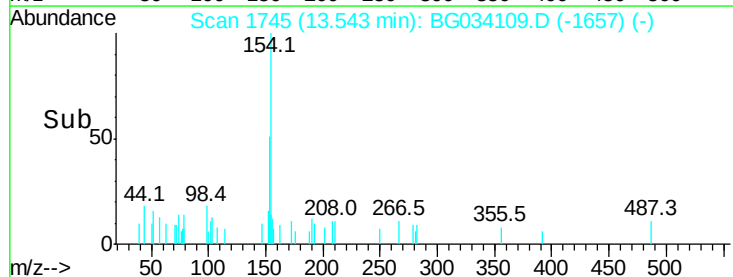
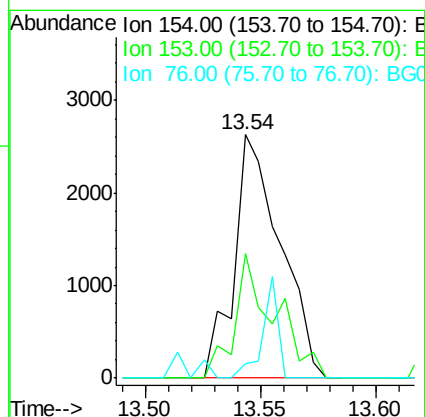
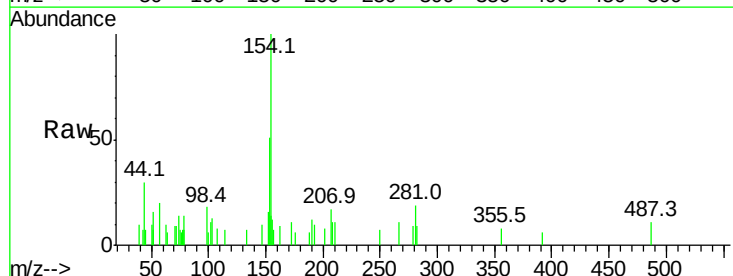
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

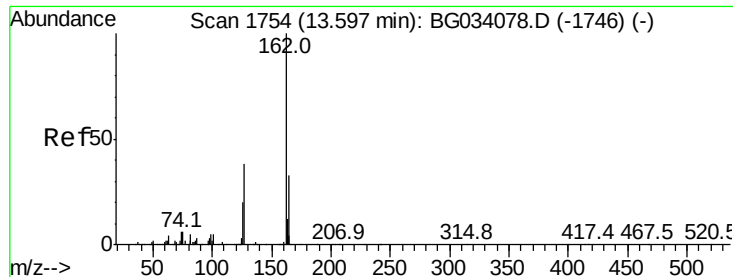
Tot Ion:172 Resp: 1436824
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 25.4 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.159 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:154 Resp: 3682
Ion Ratio Lower Upper
154 100
153 51.4 19.8 59.8
76 6.0 0.0 31.9

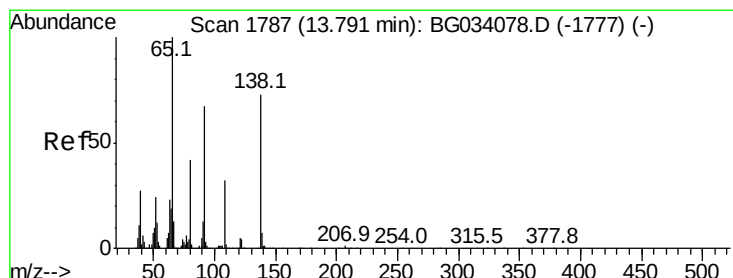
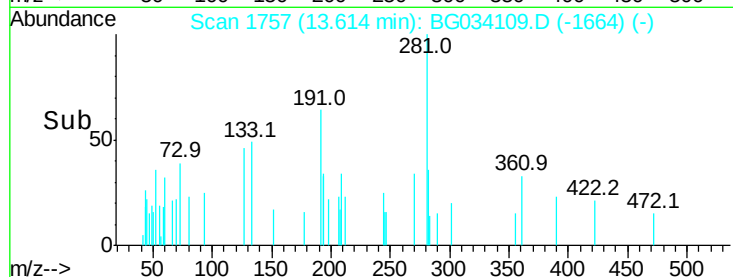
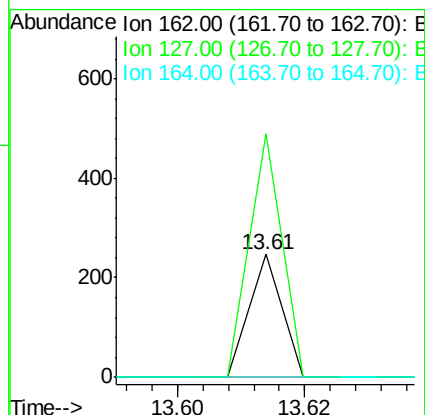
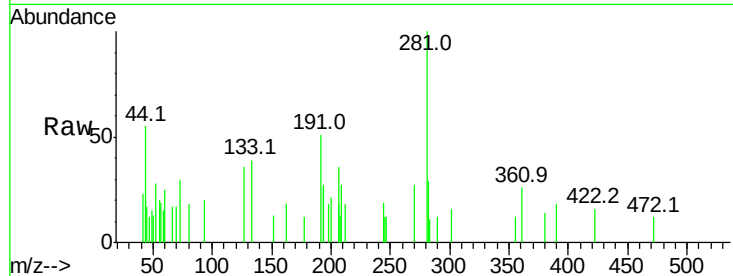




#46
2-Chloronaphthalene
Concen: 0.005 ng
RT: 13.61 min Scan# 1757
Delta R.T. 0.02 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

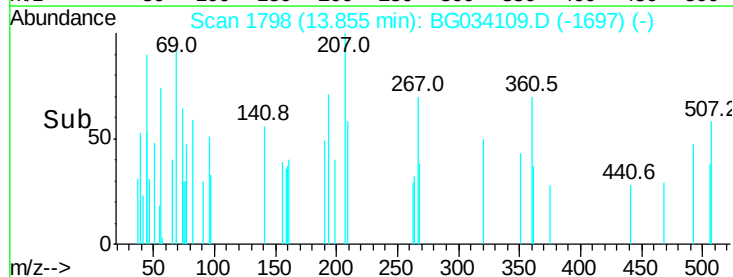
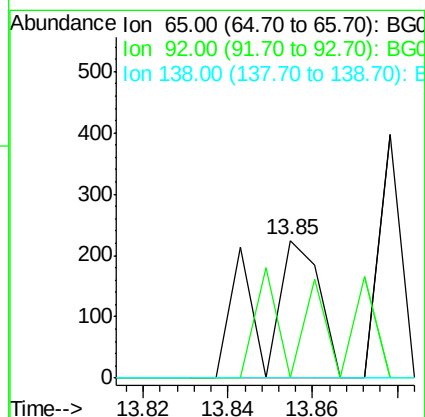
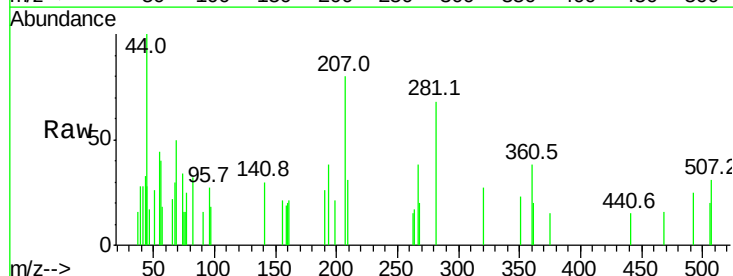
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

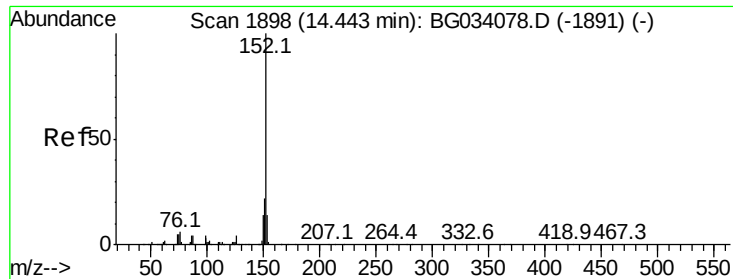
Tot Ion:162 Resp: 87
Ion Ratio Lower Upper
162 100
127 198.0 30.7 46.1#
164 0.0 26.0 39.0#



#47
2-Nitroaniline
Concen: 0.031 ng
RT: 13.85 min Scan# 1798
Delta R.T. 0.06 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion: 65 Resp: 219
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 0.004 ng

RT: 14.42 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

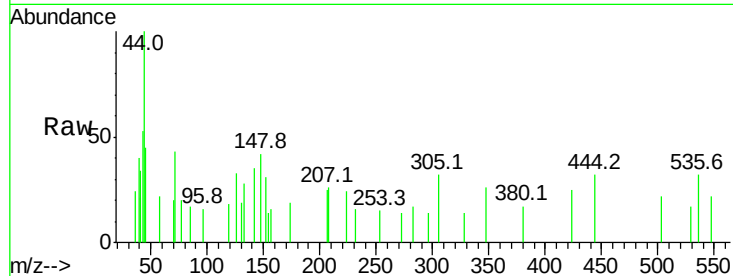
Tot Ion:152 Resp: 121

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 0.0 10.2 15.4#



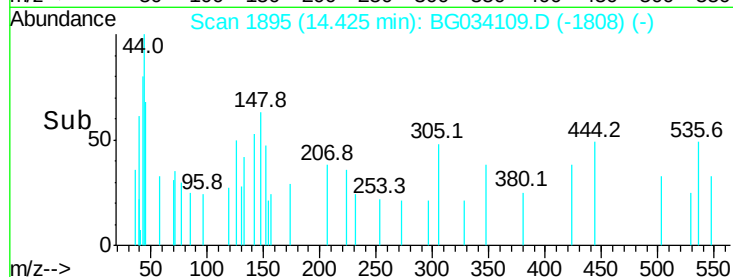
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

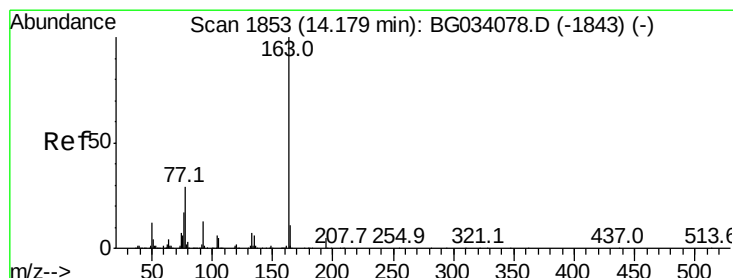
Ion 153.00 (152.70 to 153.70): E

14.42

14.44



Time-->



#49

Dimethylphthalate

Concen: 0.006 ng

RT: 14.34 min Scan# 1881

Delta R.T. 0.16 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

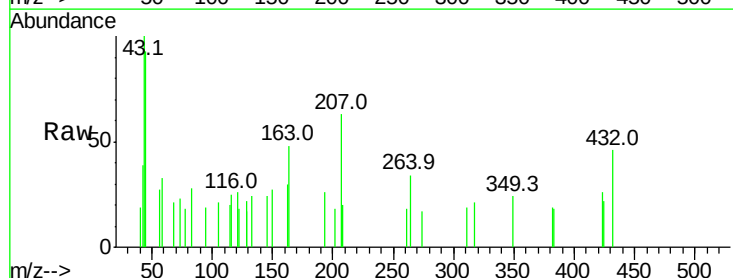
Tgt Ion:163 Resp: 150

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 8.2 12.4#



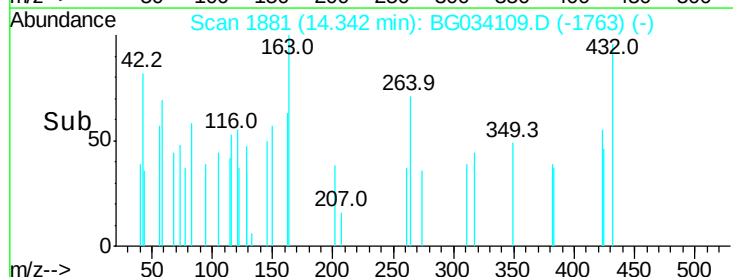
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

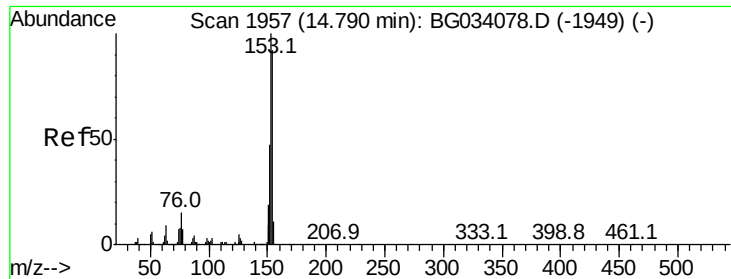
Ion 164.00 (163.70 to 164.70): E

14.34

14.35



Time-->



#51

Acenaphthene

Concen: 0.018 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

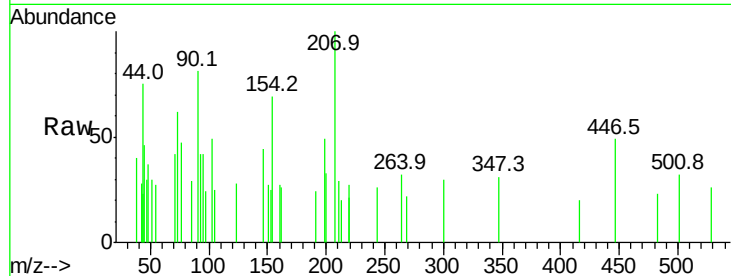
Tot Ion:154 Resp: 343

Ion Ratio Lower Upper

154 100

153 36.3 90.4 135.6#

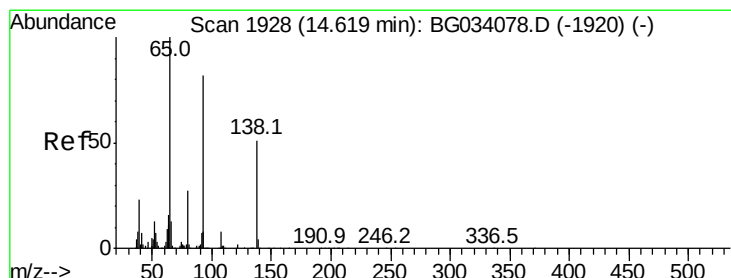
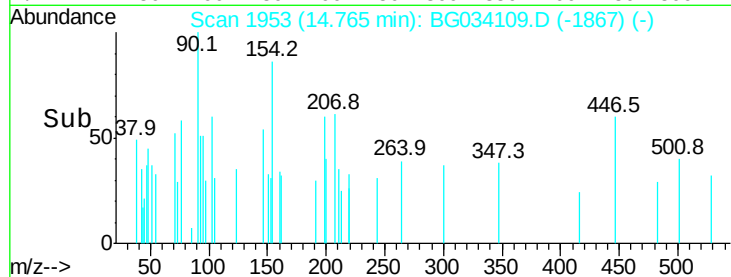
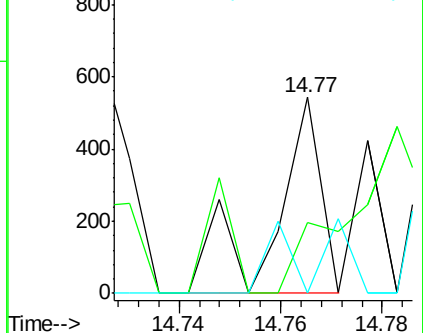
152 0.0 41.6 62.4#



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



#52

3-Nitroaniline

Concen: 0.014 ng

RT: 14.60 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

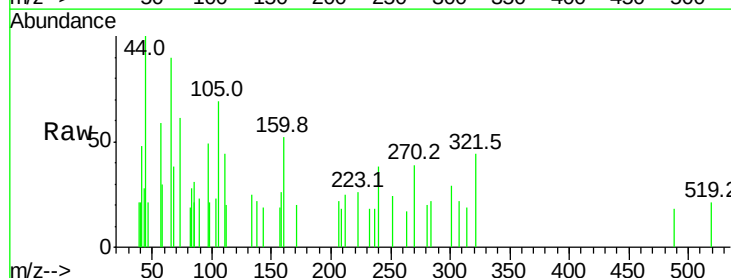
Tgt Ion:138 Resp: 68

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

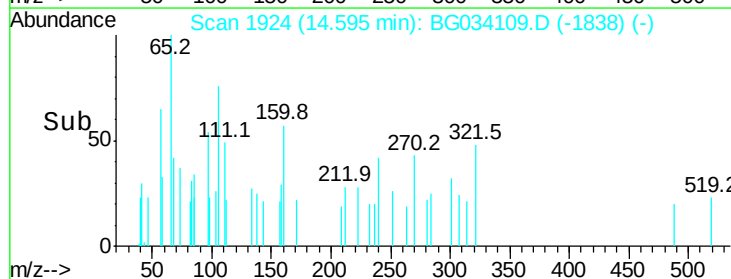
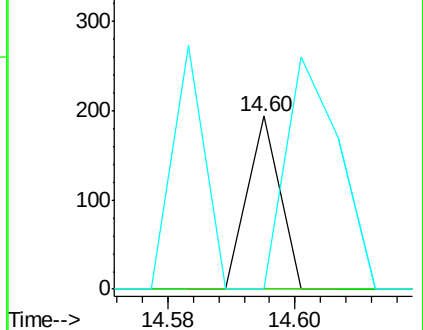
92 0.0 105.8 158.8#

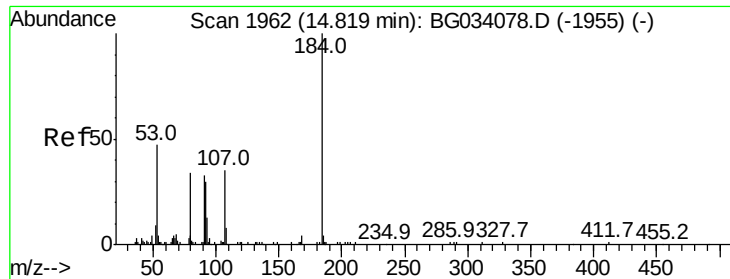


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

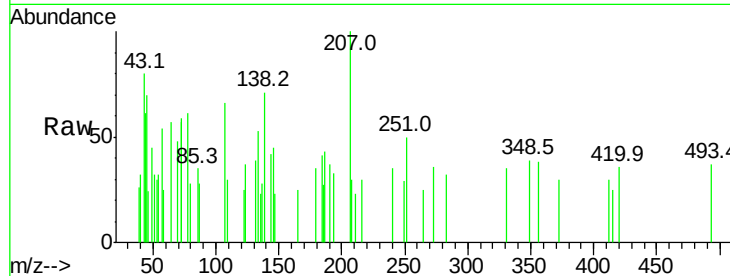




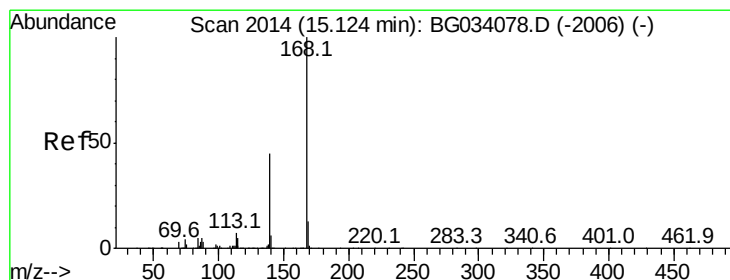
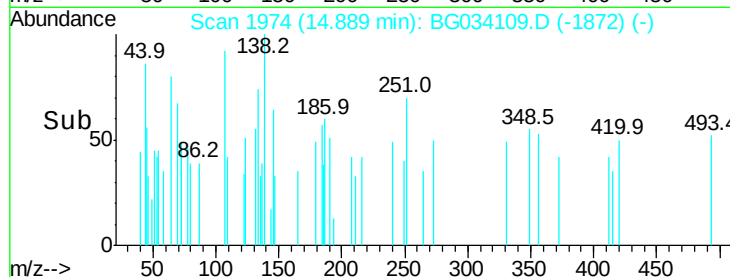
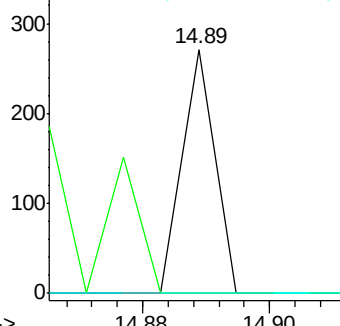
#53
2,4-Dinitrophenol
Concen: 0.050 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.07 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Instrument :
BNA_G
ClientSampleId :
SU-04-042718

Tot Ion:184 Resp: 96
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

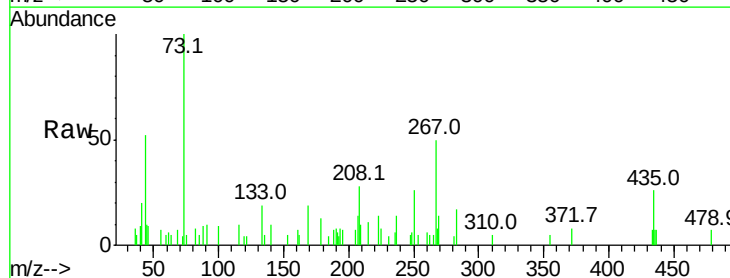


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

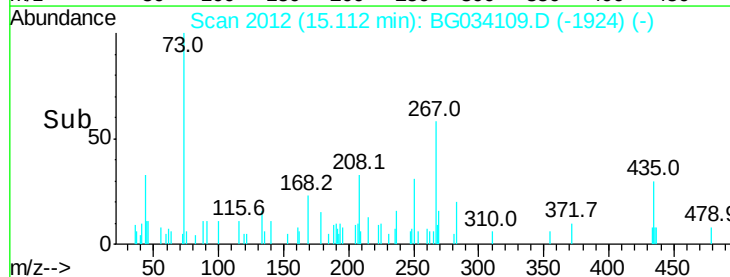
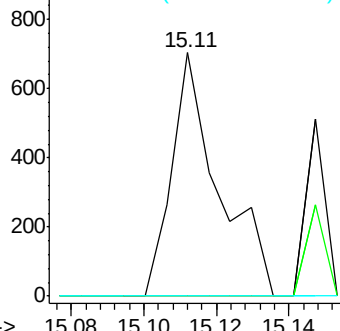


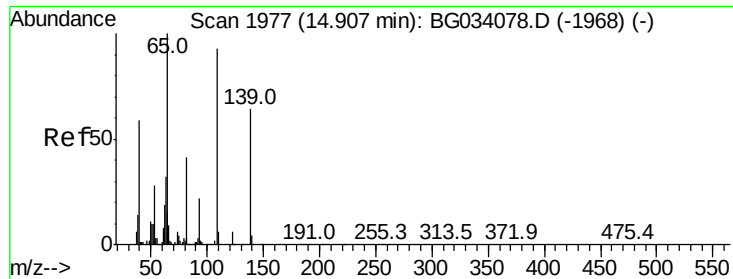
#54
Dibenzofuran
Concen: 0.023 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:168 Resp: 634
Ion Ratio Lower Upper
168 100
139 49.3 28.6 43.0#
169 0.0 11.2 16.8#



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





#55

4-Nitrophenol

Concen: 0.032 ng

RT: 14.93 min Scan# 1981

Delta R.T. 0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampled :

SU-04-042718

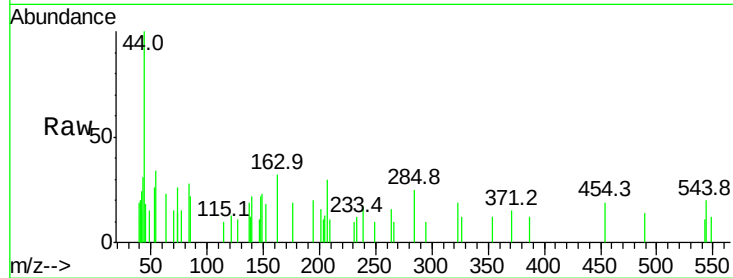
Tot Ion:139 Resp: 123

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

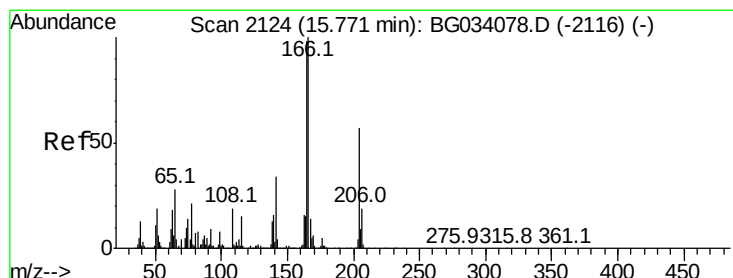
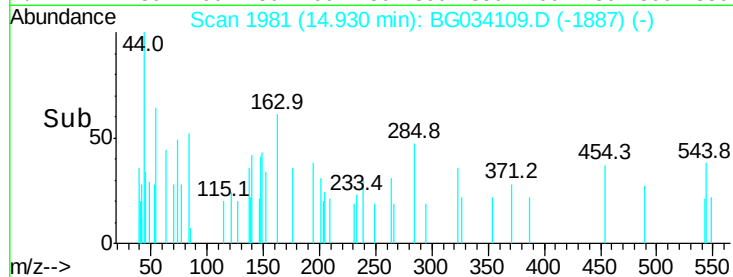
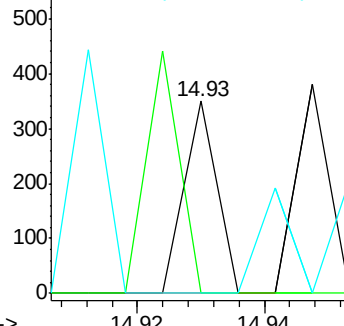
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

Fluorene

Concen: 0.017 ng

RT: 15.78 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

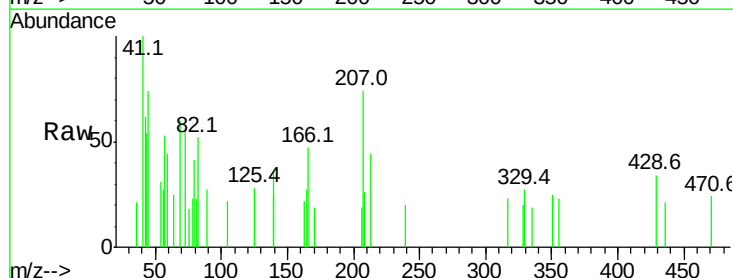
Tgt Ion:166 Resp: 414

Ion Ratio Lower Upper

166 100

165 57.9 80.6 121.0#

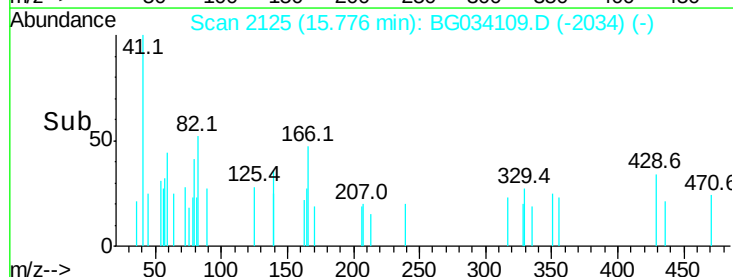
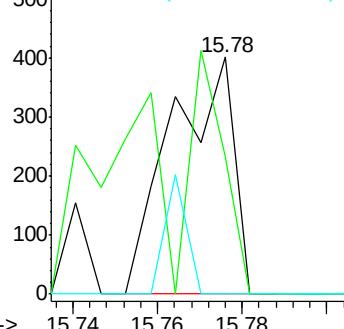
167 0.0 10.4 15.6#

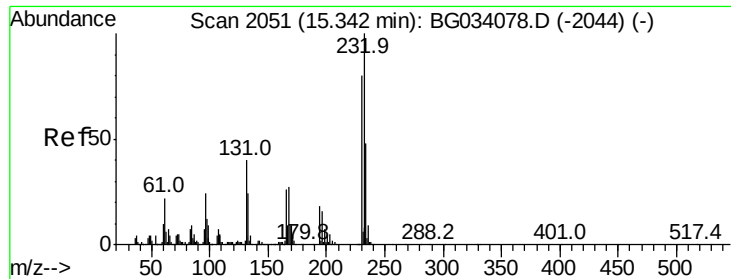


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 0.013 ng

RT: 15.36 min Scan# 2055

Delta R.T. 0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

Tot Ion:232 Resp: 97

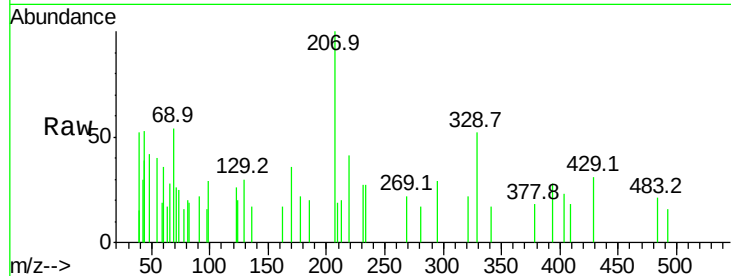
Ion	Ratio	Lower	Upper
232	100		
131	161.9	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

232 100

131 161.9 33.5 50.3#

130 0.0 2.2 3.2#

166 0.0 24.8 37.2#

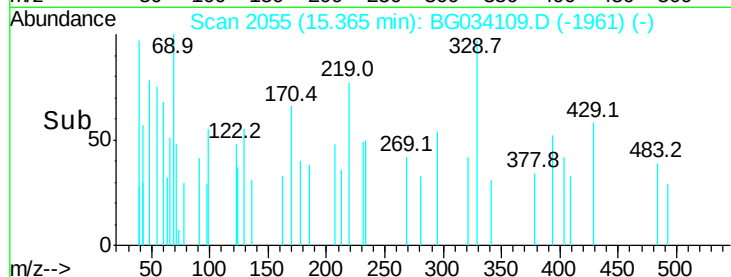


Abundance Ion 232.00 (231.70 to 232.70): E

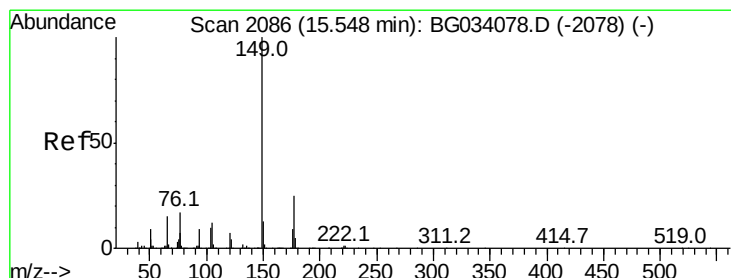
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 0.019 ng

RT: 15.54 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

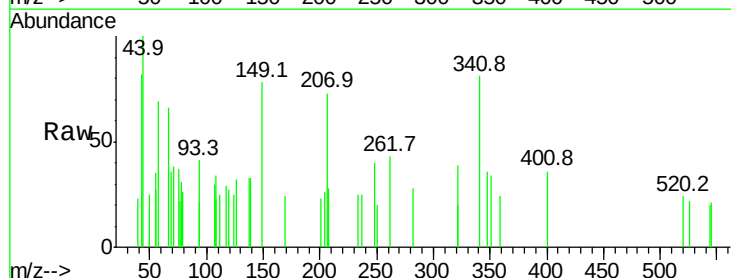
Tgt Ion:149 Resp: 513

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#

149 100

177 0.0 18.5 27.7#

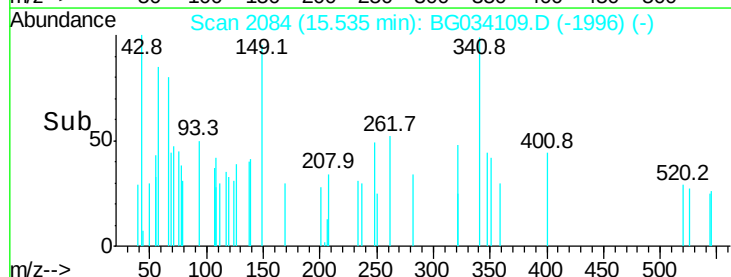
150 0.0 10.2 15.2#



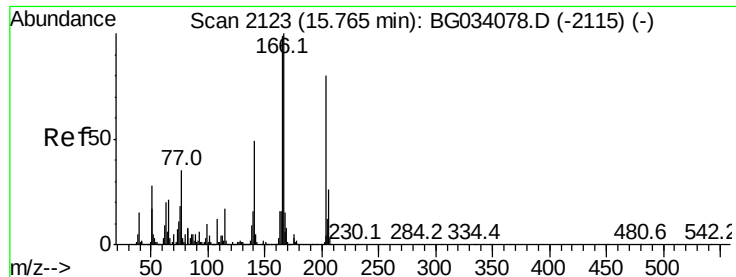
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



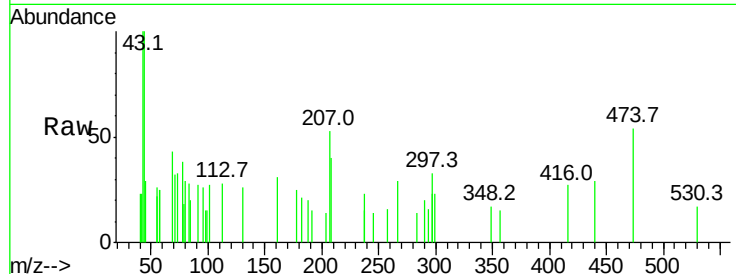
Time-->



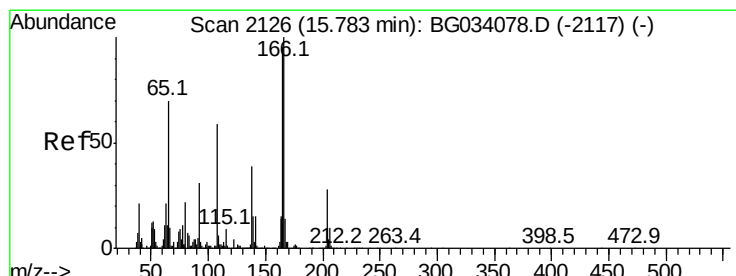
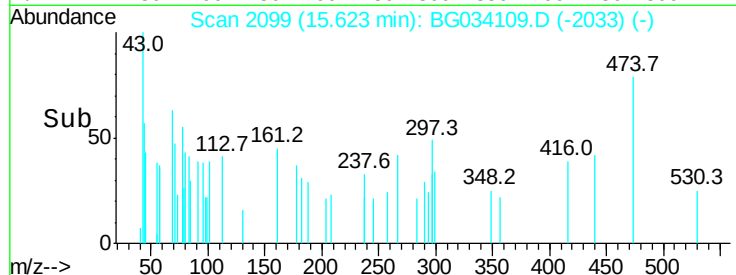
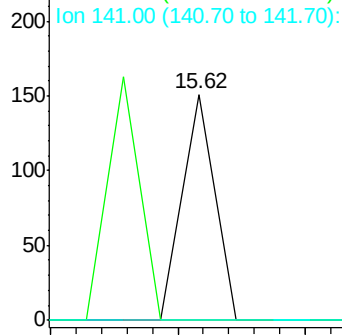
#60
4-Chlorophenyl-phenylether
Concen: 0.004 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.14 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Instrument :
BNA_G
ClientSampleId :
SU-04-042718

Tot Ion:204 Resp: 53
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 45.8 68.6#

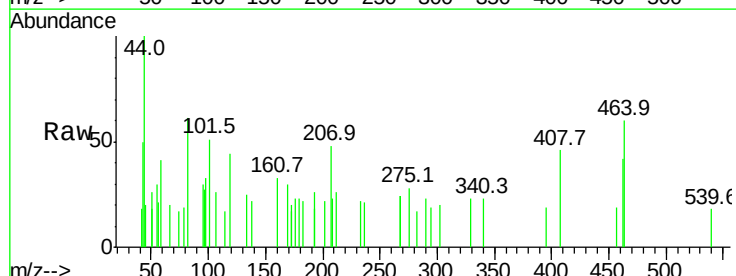


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

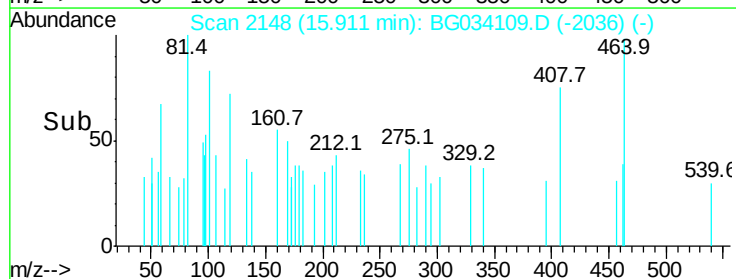
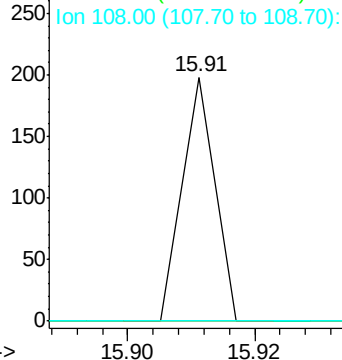


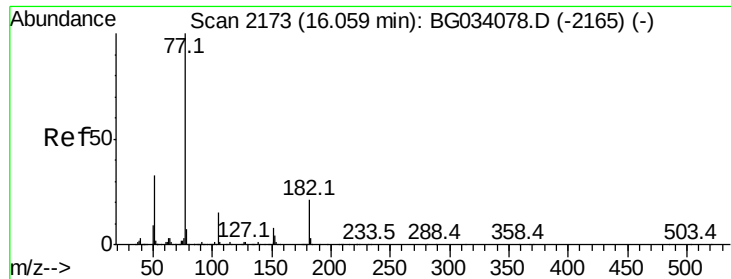
#61
4-Nitroaniline
Concen: 0.013 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.13 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



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





#62

Azobenzene

Concen: 0.006 ng

RT: 16.08 min Scan# 2176

Delta R.T. 0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

Tot Ion: 77 Resp: 168

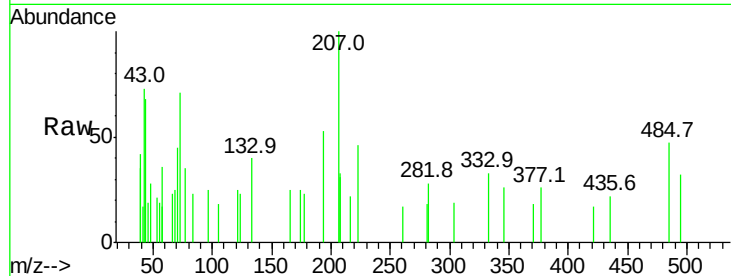
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 51.6 0.3 40.3#

51 0.0 11.6 51.6#



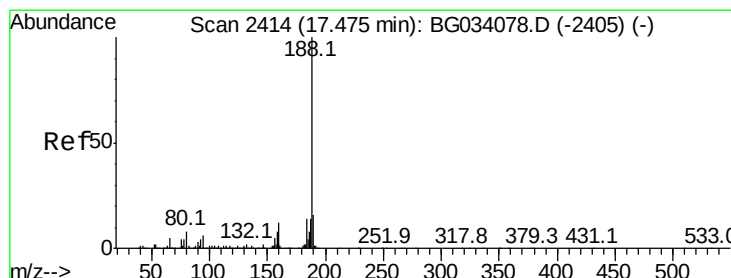
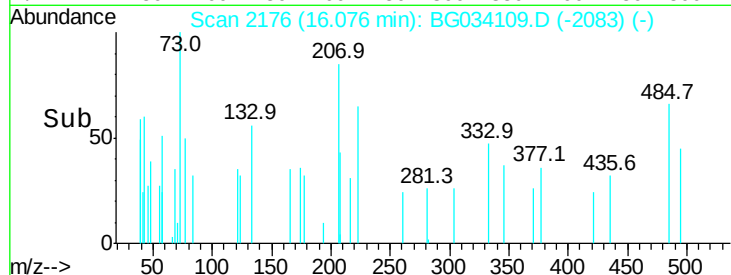
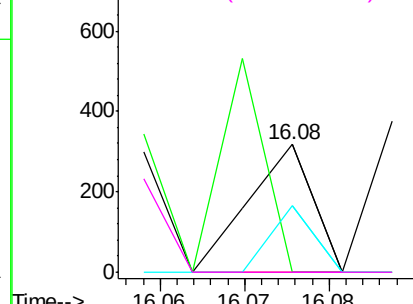
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

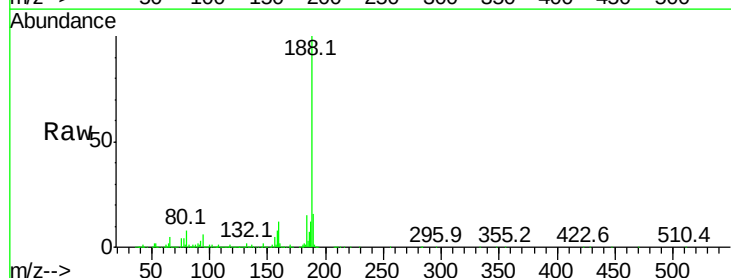
Tgt Ion: 188 Resp: 836521

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

80 8.1 7.7 11.5

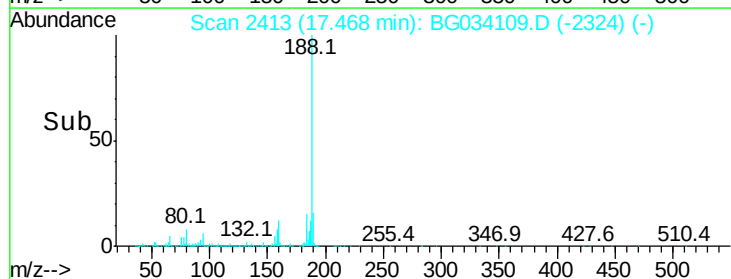
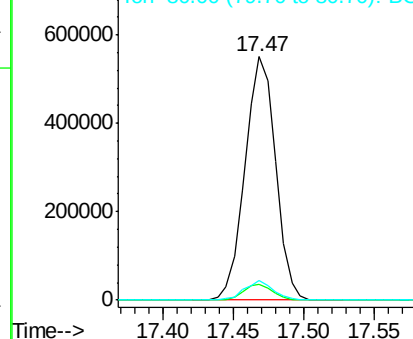


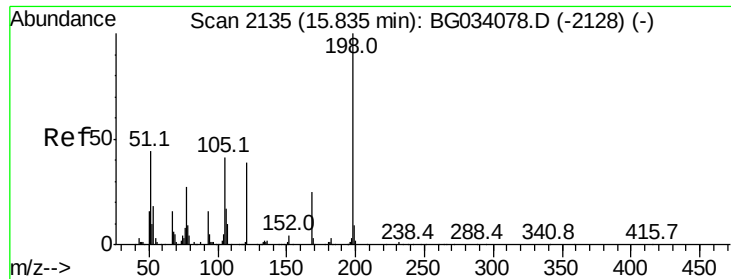
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

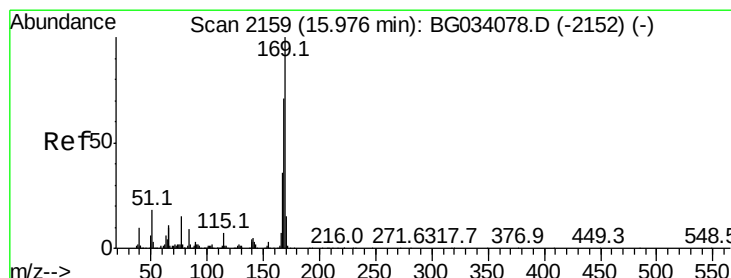
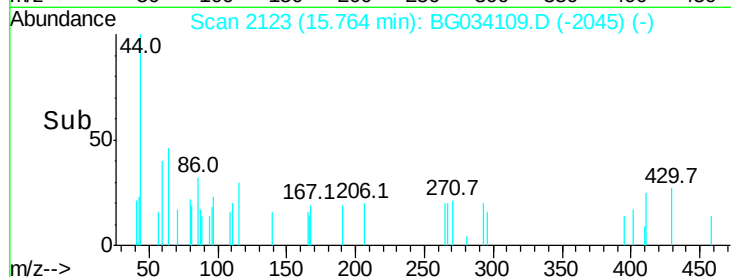
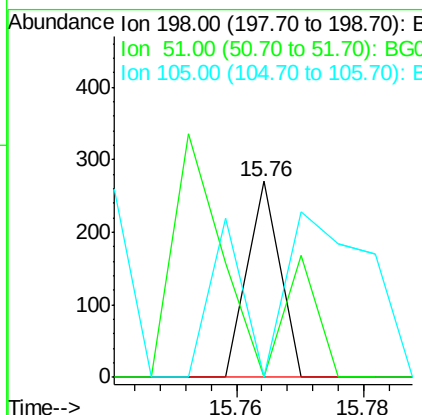
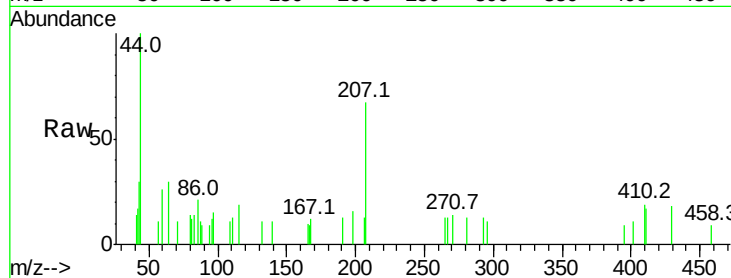




#64
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.07 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

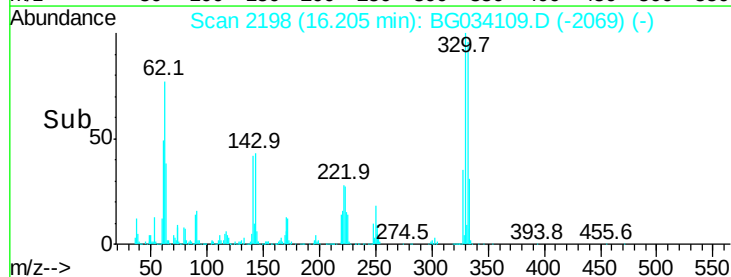
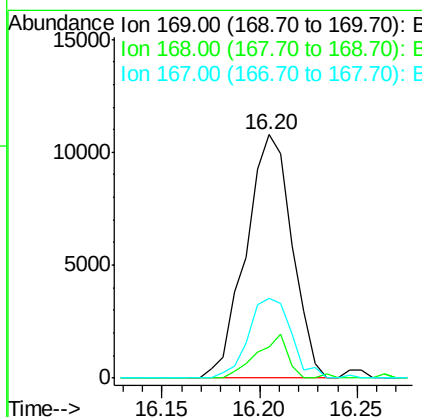
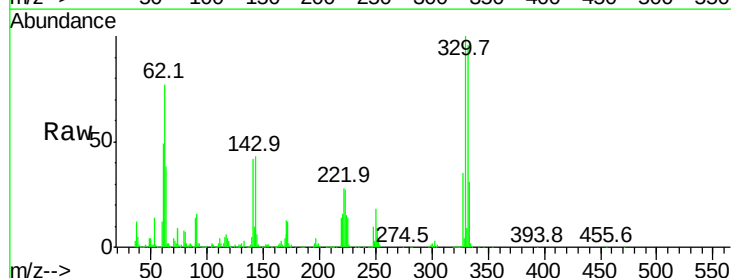
Instrument :
BNA_G
ClientSampleId :
SU-04-042718

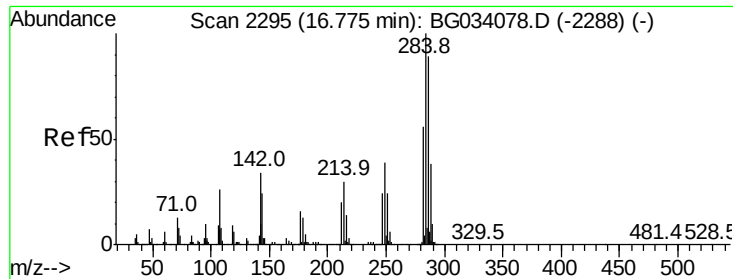
Tot Ion:198 Resp: 95
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#



#65
n-Nitrosodiphenylamine
Concen: 0.771 ng
RT: 16.20 min Scan# 2198
Delta R.T. 0.23 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:169 Resp: 17580
Ion Ratio Lower Upper
169 100
168 12.6 55.7 83.5#
167 32.6 30.1 45.1





#67

Hexachlorobenzene

Concen: 0.022 ng

RT: 16.62 min Scan# 2268

Delta R.T. -0.16 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

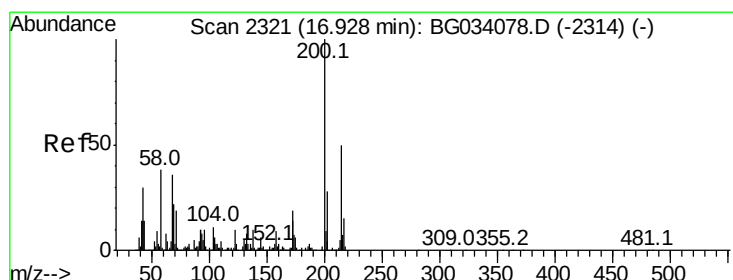
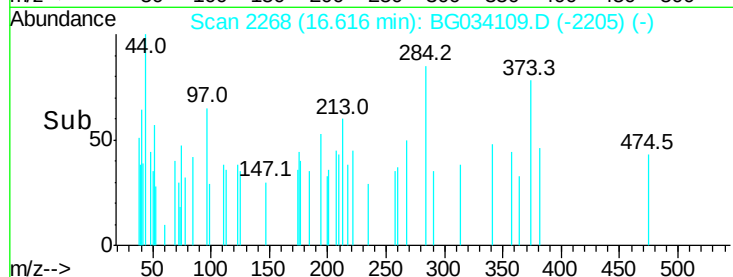
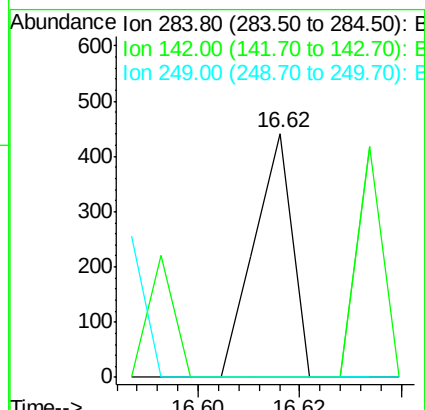
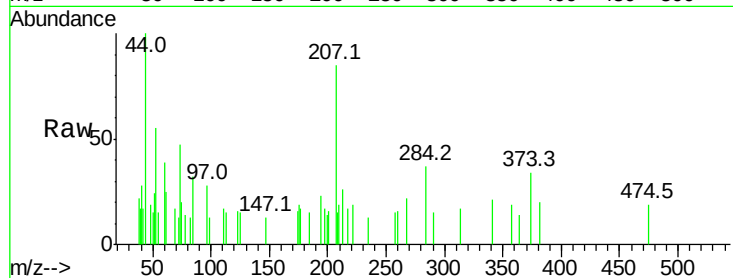
Instrument :

BNA_G

ClientSampleId :

SU-04-042718

Tot Ion:	284	Resp:	232
Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.8	40.2#
249	0.0	26.3	39.5#



#68

Atrazine

Concen: 0.921 ng

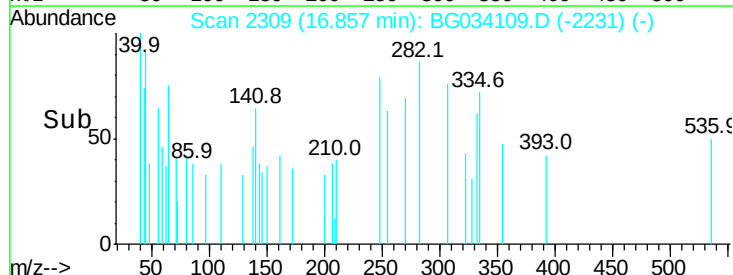
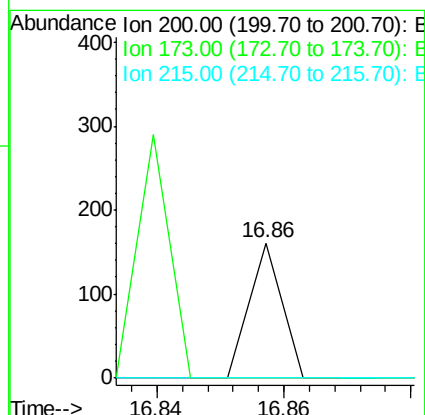
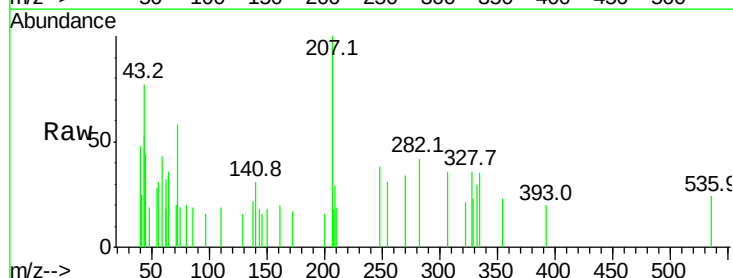
RT: 16.86 min Scan# 2309

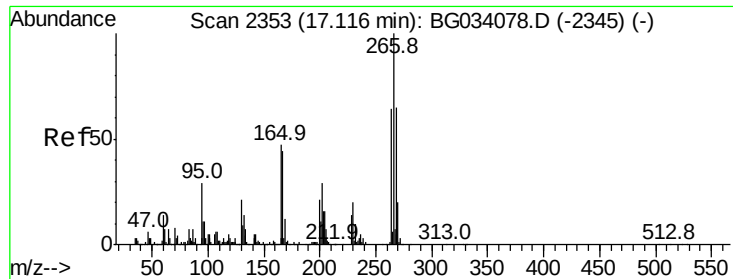
Delta R.T. -0.07 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Tgt Ion:	200	Resp:	57
Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#





#69

Pentachlorophenol

Concen: 0.010 ng

RT: 17.17 min Scan# 2362

Delta R.T. 0.05 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

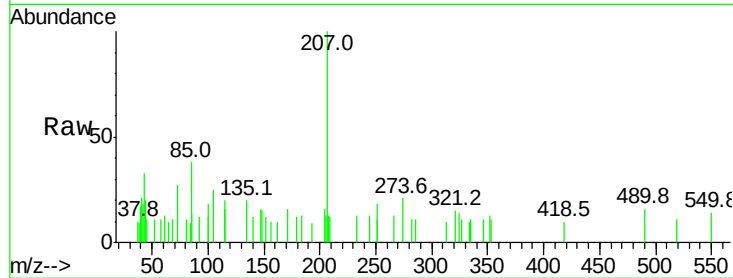
Tot Ion:266 Resp: 76

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

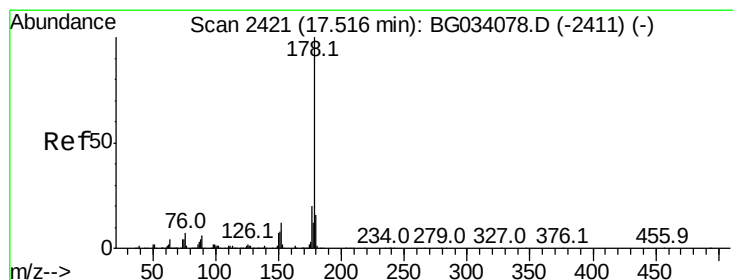
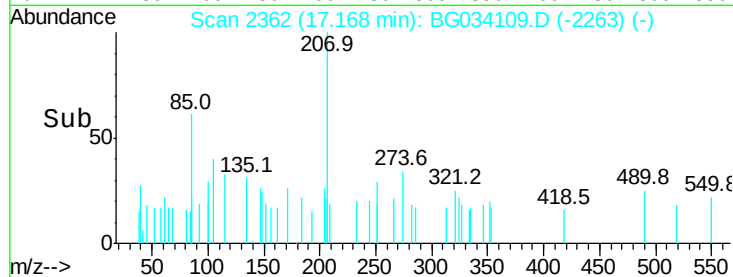
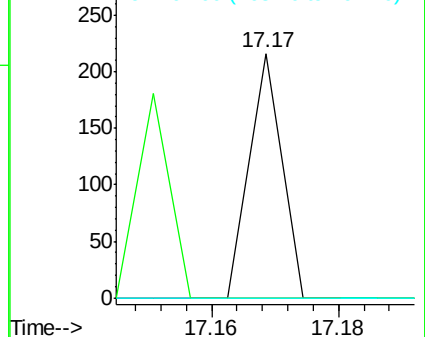
264 0.0 49.6 74.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.023 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

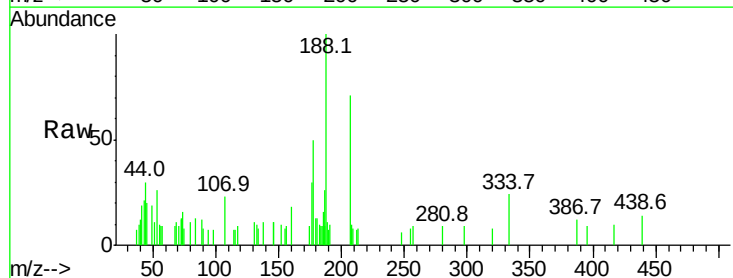
Tgt Ion:178 Resp: 1010

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

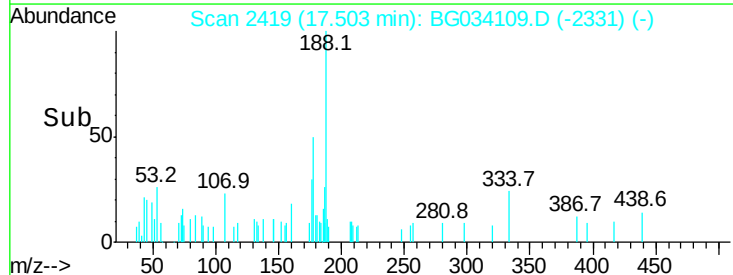
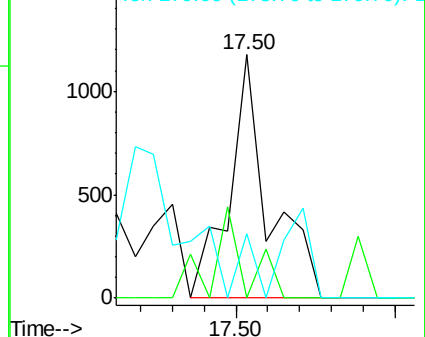
179 26.3 12.5 18.7#

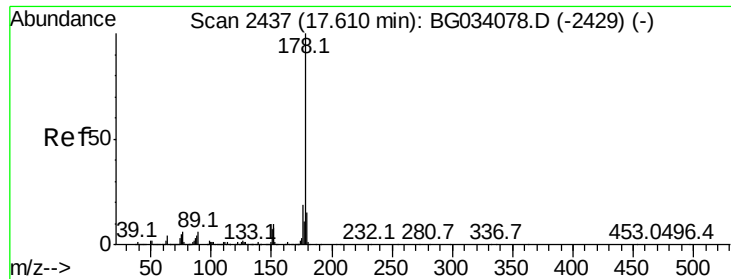


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

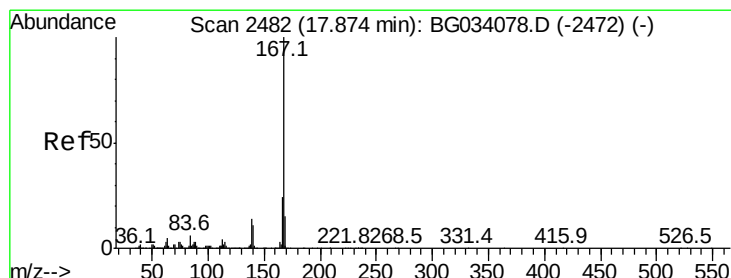
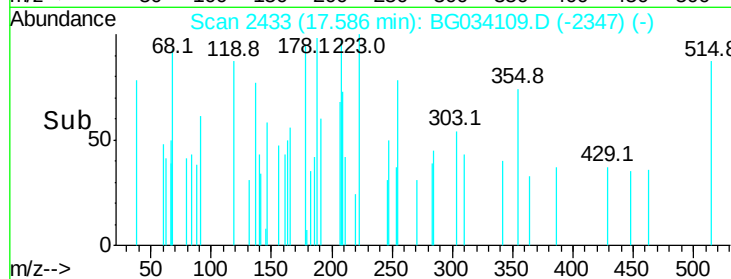
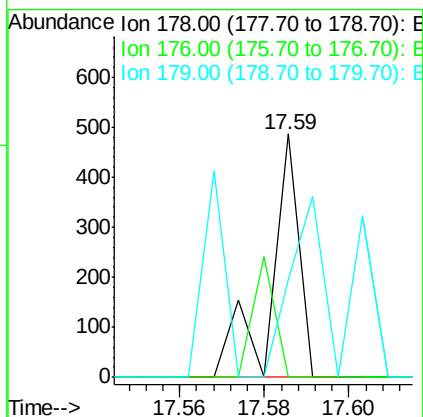
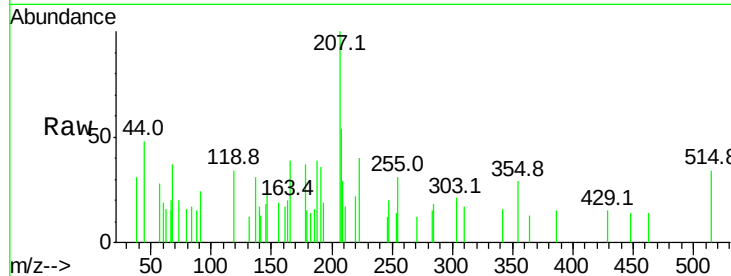




#71
 Anthracene
 Concen: 0.005 ng
 RT: 17.59 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG034109.D
 Acq: 2 May 2018 10:33

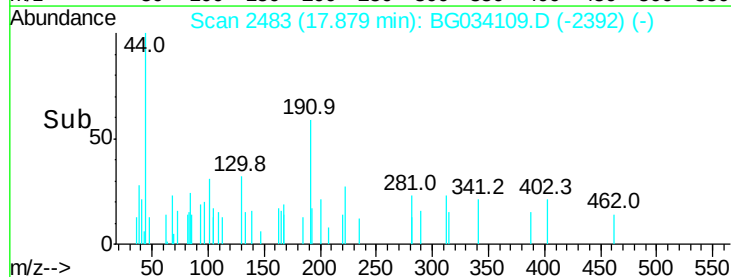
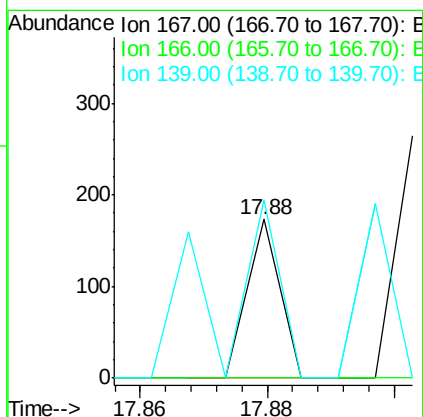
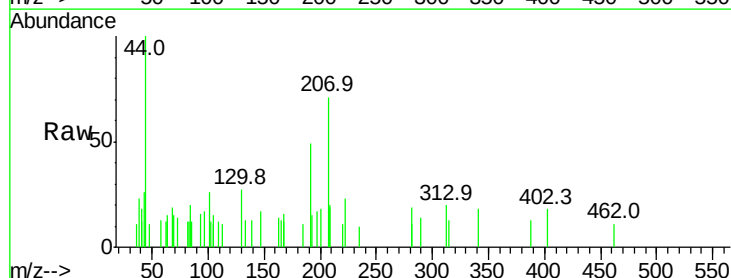
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-042718

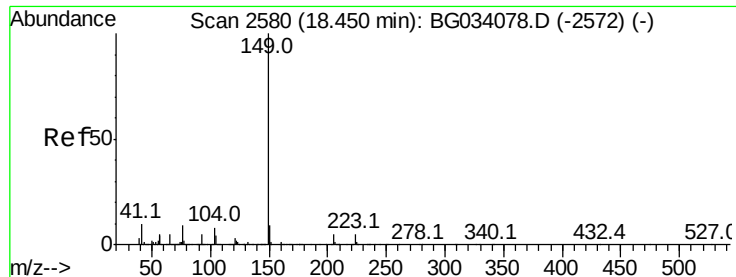
Tot Ion:178 Resp: 226
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 40.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.002 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BG034109.D
 Acq: 2 May 2018 10:33

Tgt Ion:167 Resp: 61
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 112.7 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.028 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

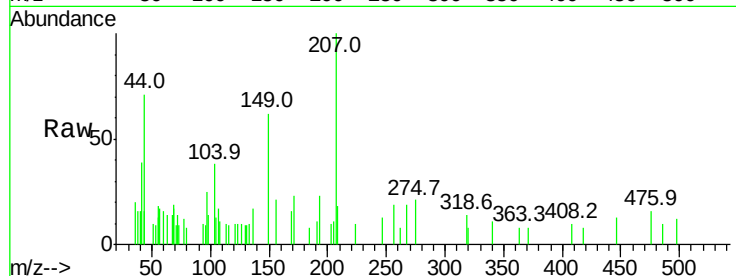
Tot Ion:149 Resp: 1331

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

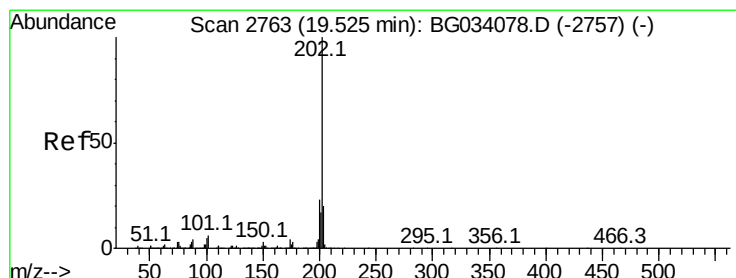
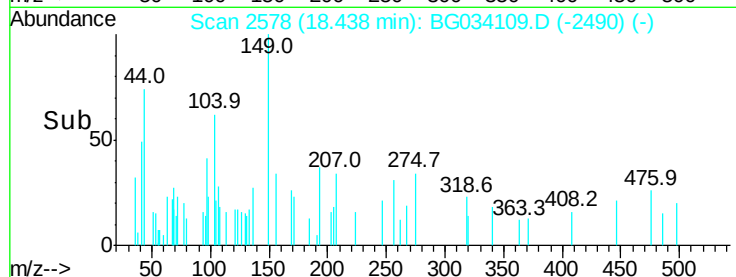
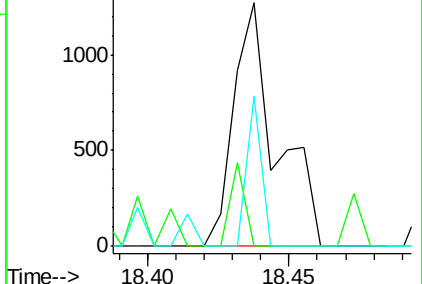
104 61.8 3.9 5.9#



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



#74

Fluoranthene

Concen: 0.001 ng

RT: 19.59 min Scan# 2774

Delta R.T. 0.06 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

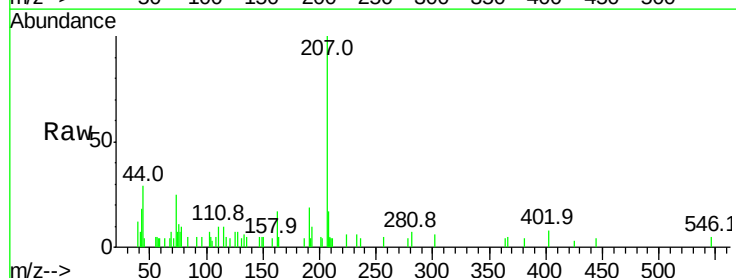
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

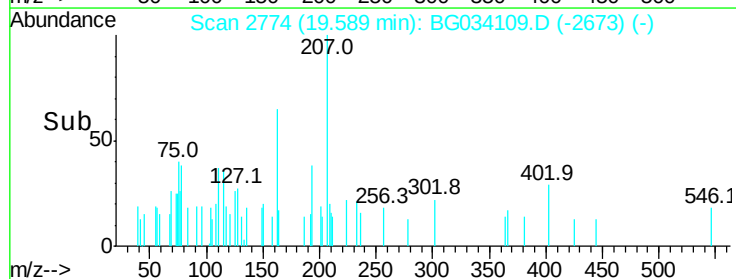
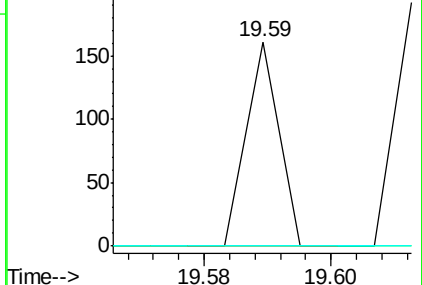
203 0.0 0.0 37.5

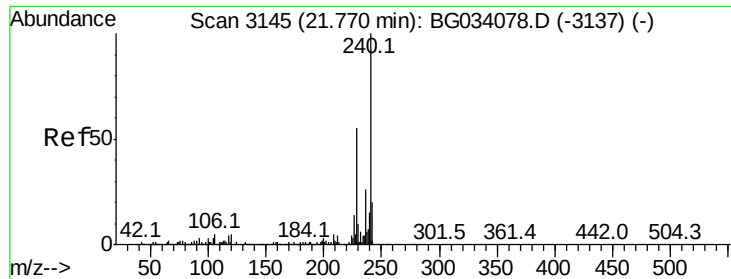


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

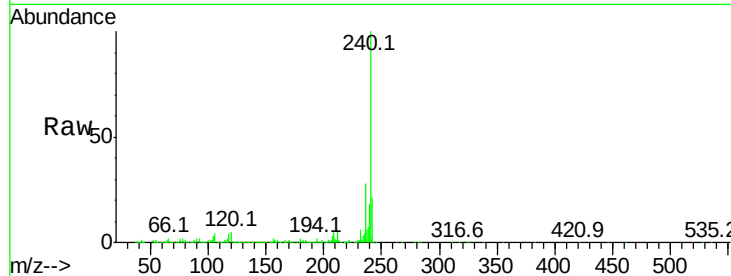
Tot Ion:240 Resp: 1000574

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

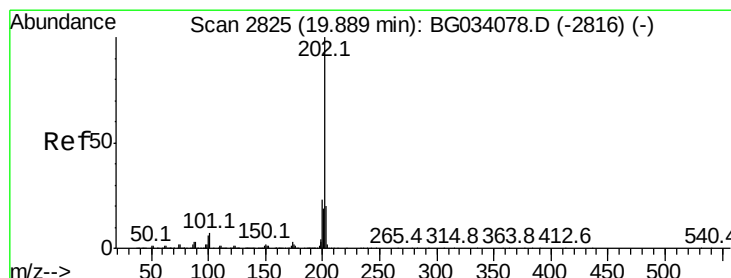
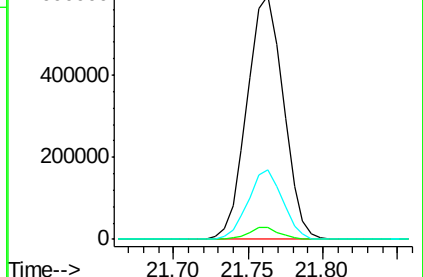
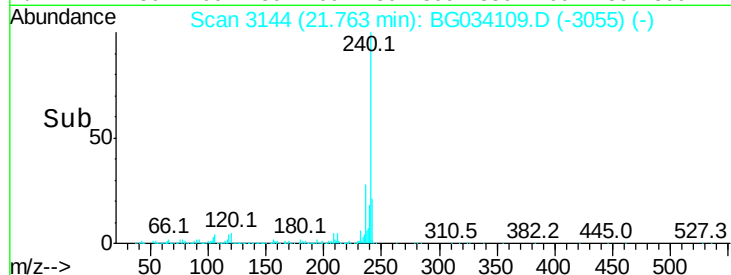
236 28.4 20.9 31.3



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

Pyrene

Concen: 0.225 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.20 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

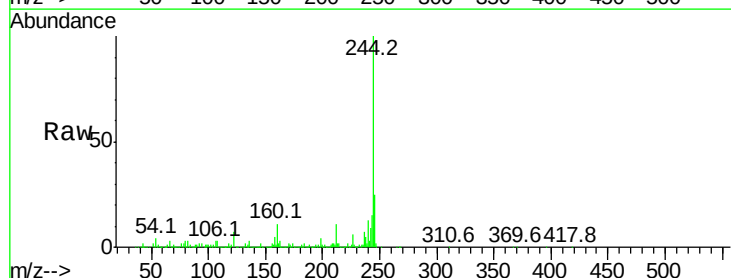
Tgt Ion:202 Resp: 14077

Ion Ratio Lower Upper

202 100

200 51.6 16.9 25.3#

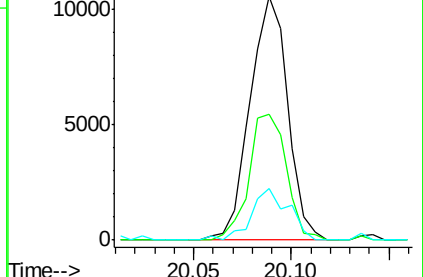
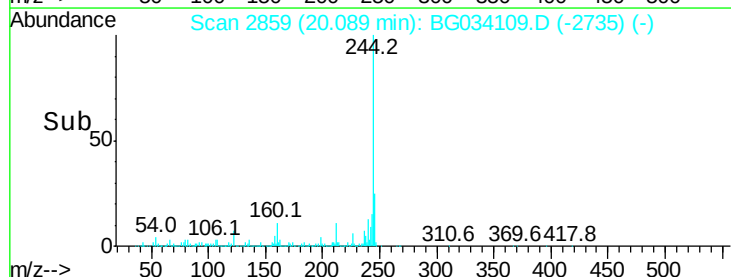
203 21.3 13.9 20.9#

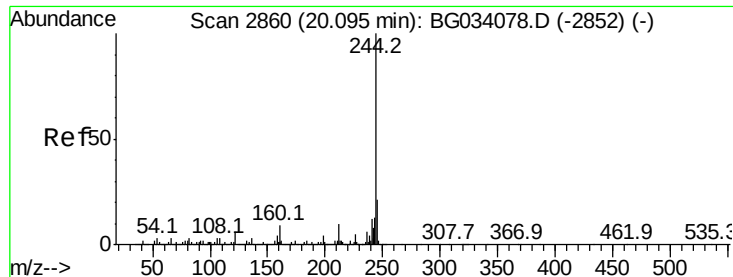


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.256 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

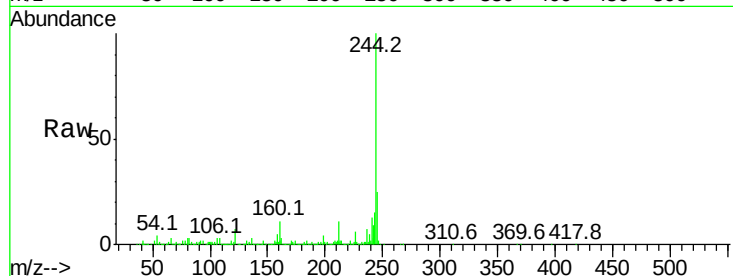
Tot Ion:244 Resp: 2980537

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

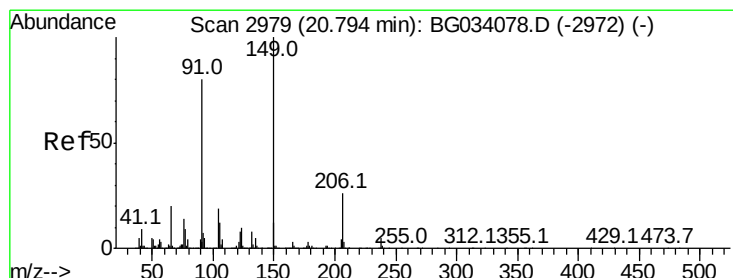
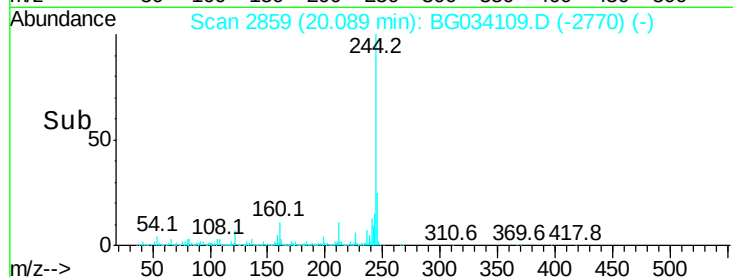
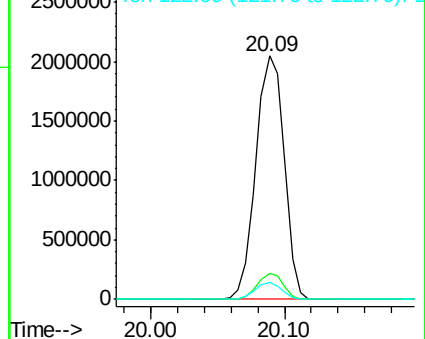
122 7.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.015 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

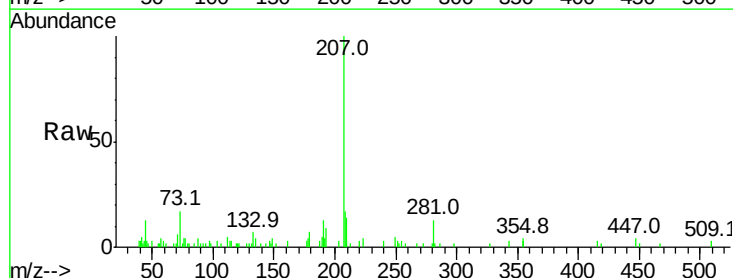
Tgt Ion:149 Resp: 366

Ion Ratio Lower Upper

149 100

91 52.3 62.2 93.2#

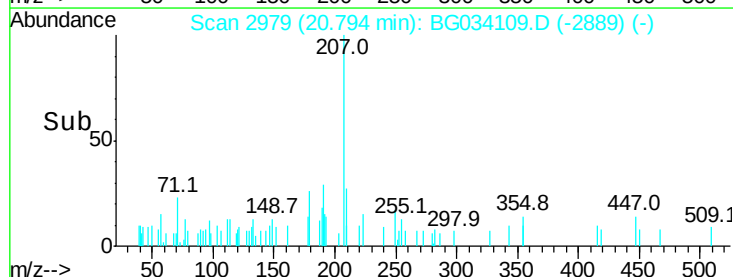
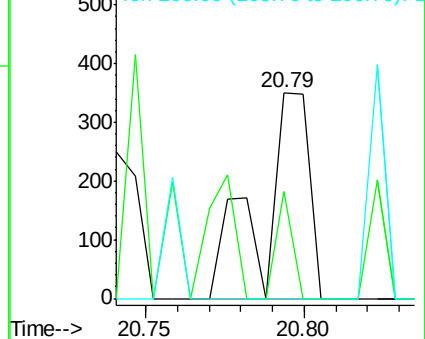
206 0.0 18.6 27.8#

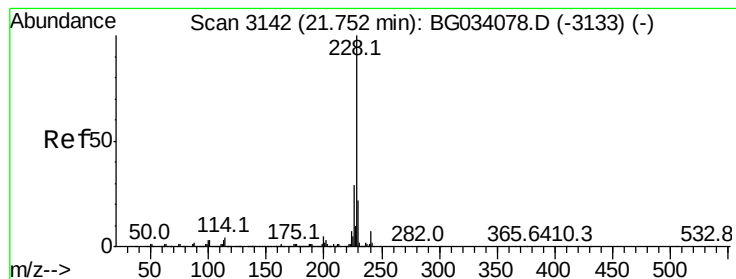


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.056 ng

RT: 21.76 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

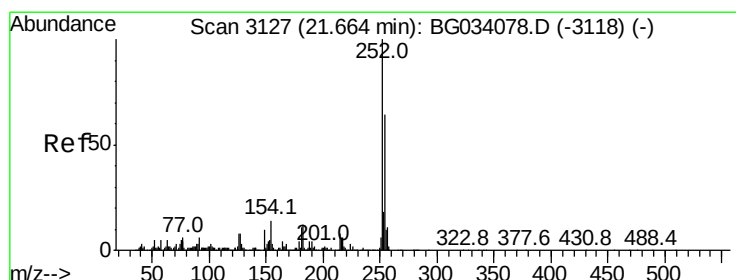
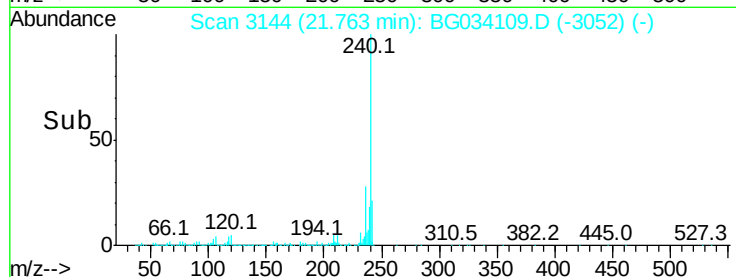
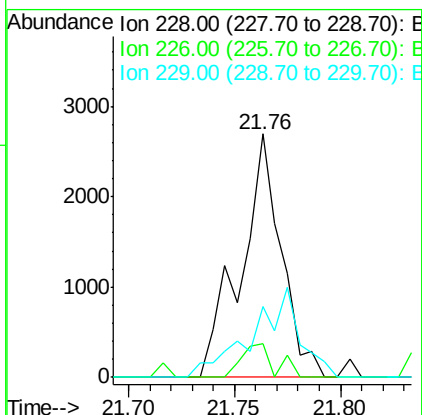
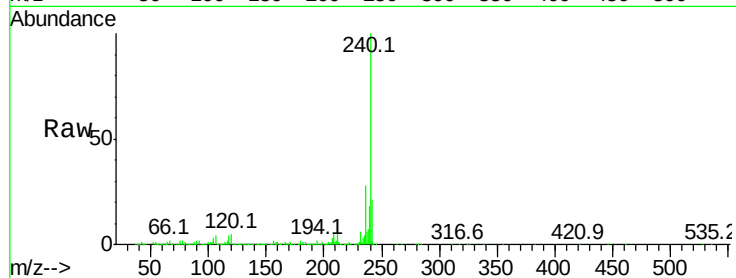
Tot Ion:228 Resp: 3603

Ion Ratio Lower Upper

228 100

226 13.9 22.7 34.1#

229 29.1 16.2 24.2#



#81

3,3'-Dichlorobenzidine

Concen: 0.002 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

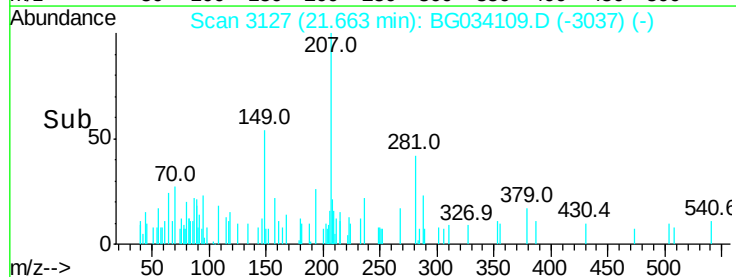
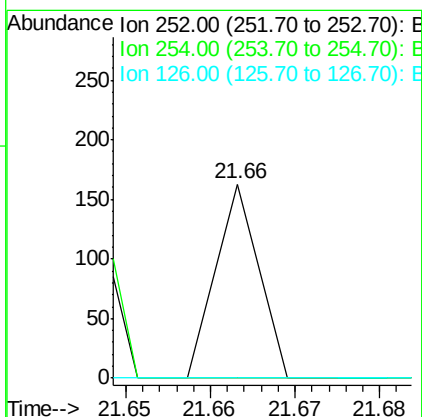
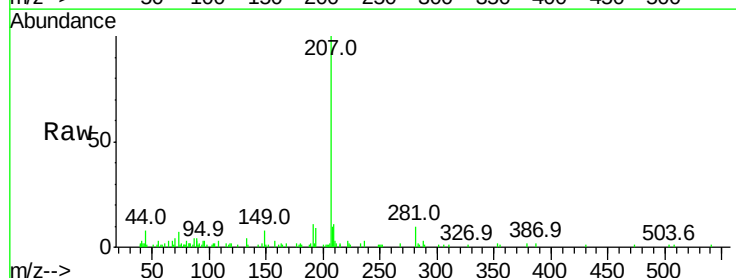
Tgt Ion:252 Resp: 57

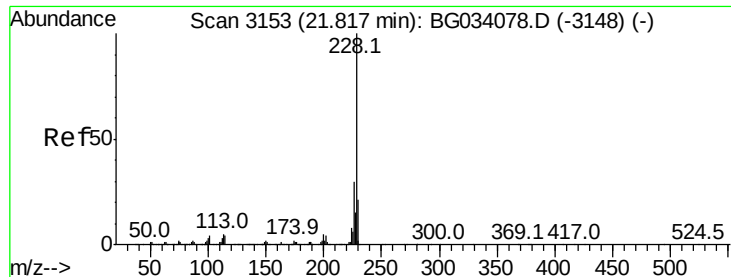
Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

126 0.0 7.4 11.2#





#82

Chrysene

Concen: 0.059 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.05 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

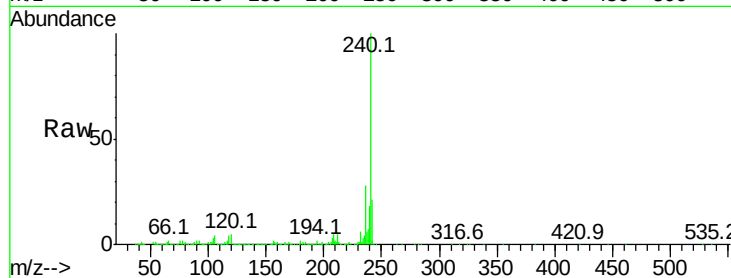
Tot Ion:228 Resp: 3603

Ion Ratio Lower Upper

228 100

226 13.9 24.9 37.3#

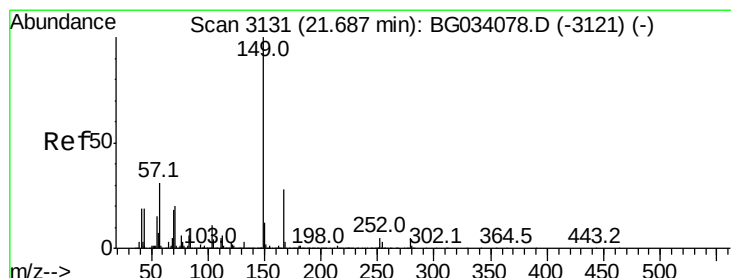
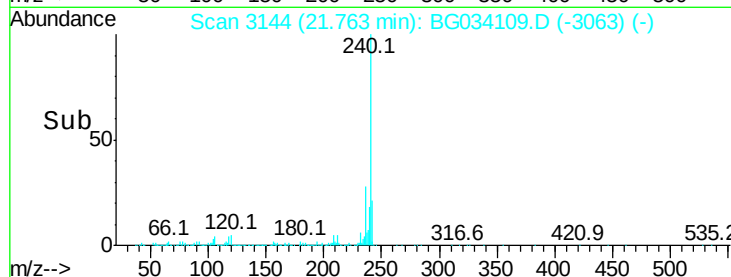
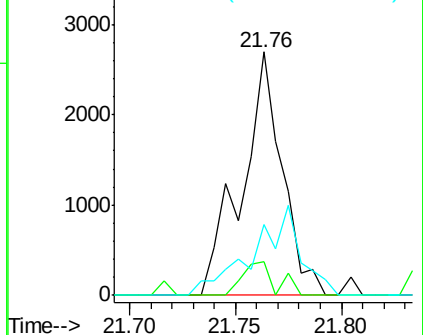
229 29.1 15.0 22.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

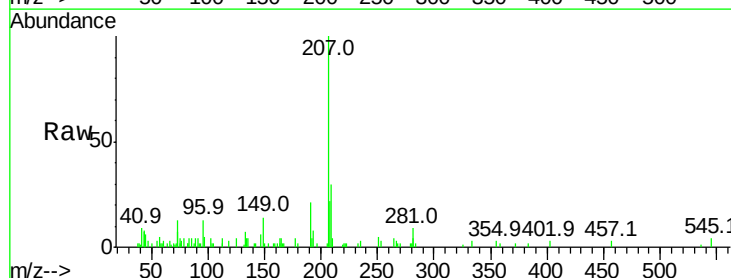
Tgt Ion:149 Resp: 2210

Ion Ratio Lower Upper

149 100

167 15.4 24.3 36.5#

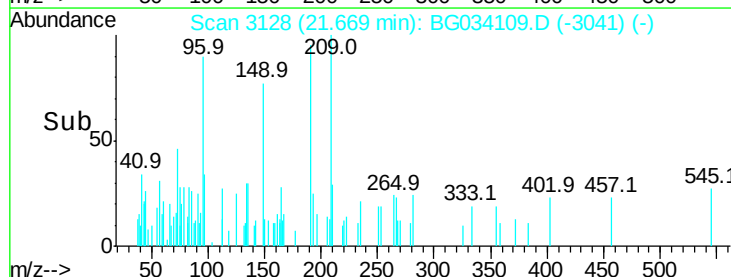
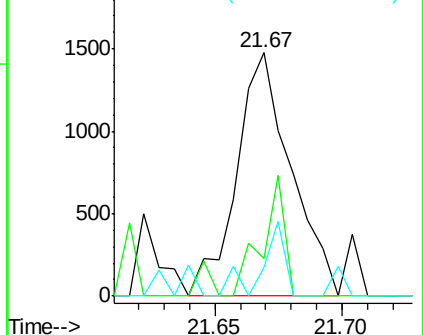
279 11.6 4.0 6.0#

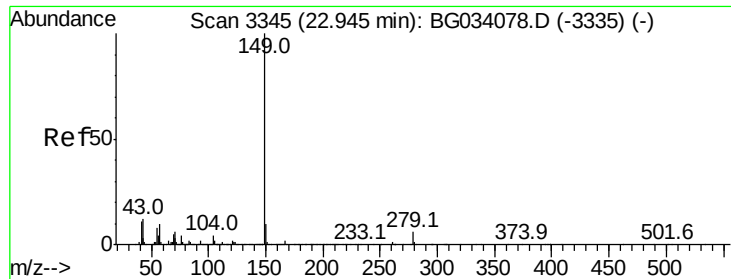


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

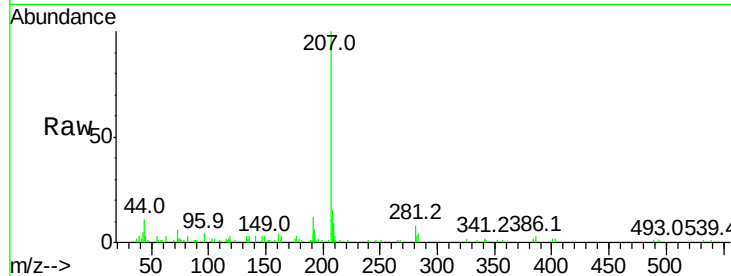




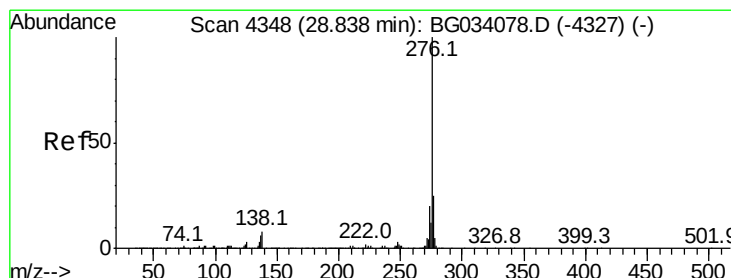
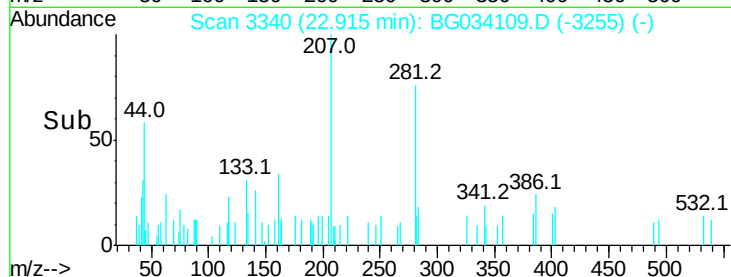
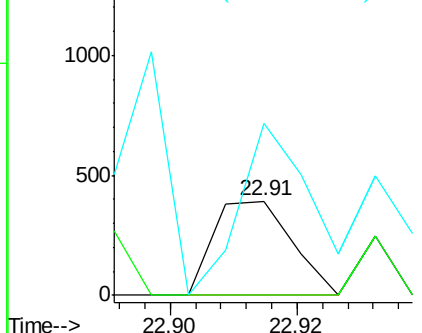
#84
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.91 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Instrument :
BNA_G
ClientSampleId :
SU-04-042718

Tot Ion:149 Resp: 334
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 129.0 8.9 13.3#

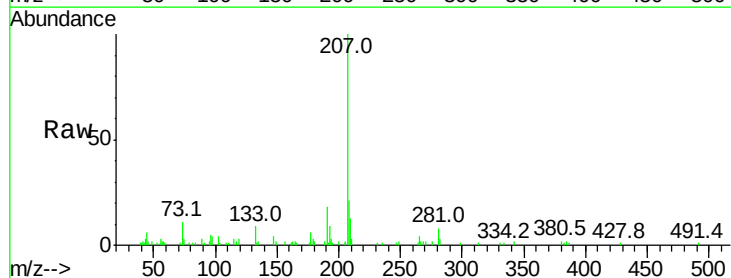


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

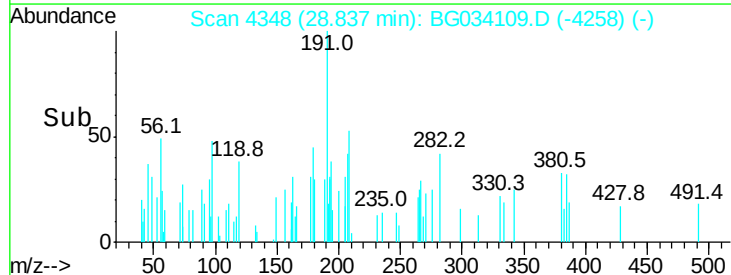
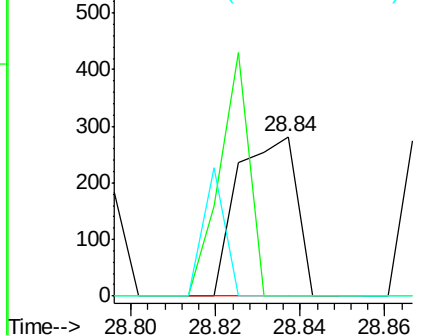


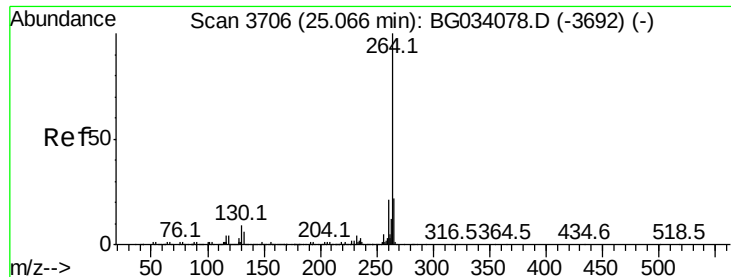
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 28.84 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BG034109.D
Acq: 2 May 2018 10:33

Tgt Ion:276 Resp: 271
Ion Ratio Lower Upper
276 100
138 76.8 16.0 24.0#
277 29.5 20.0 30.0



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

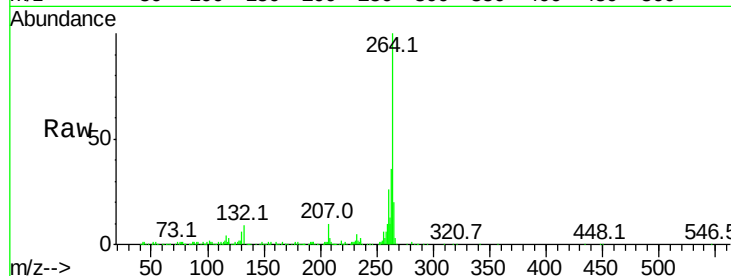
Tot Ion:264 Resp: 466301

Ion Ratio Lower Upper

264 100

260 26.1 17.4 26.0#

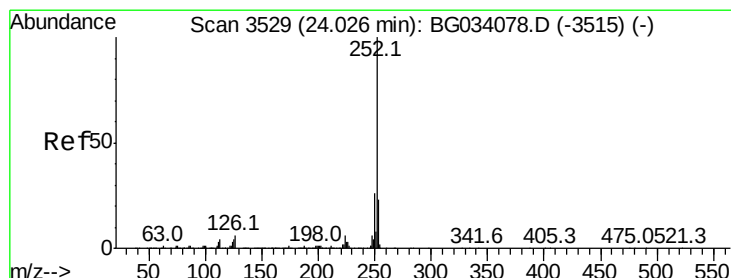
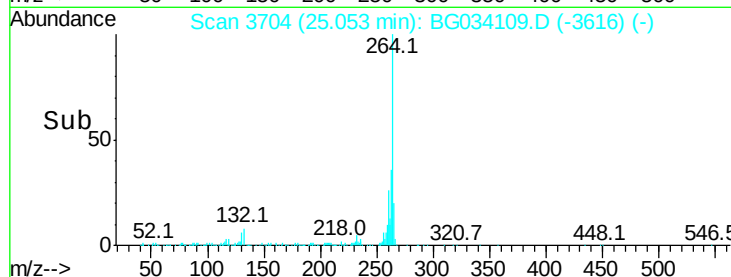
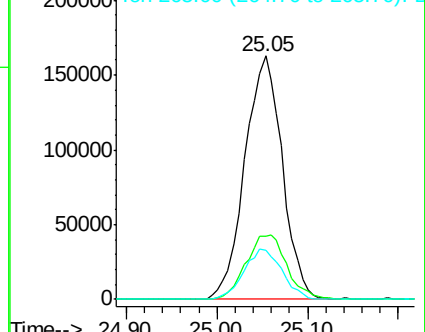
265 19.9 17.7 26.5



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



#87

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

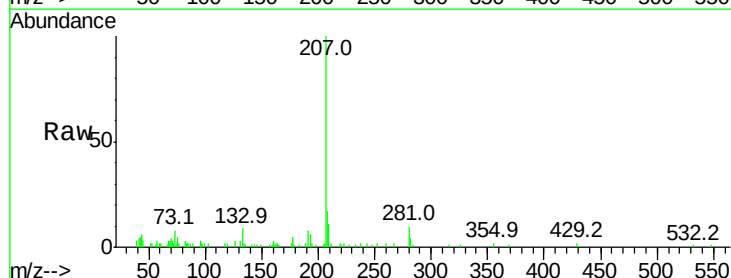
Tgt Ion:252 Resp: 243

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

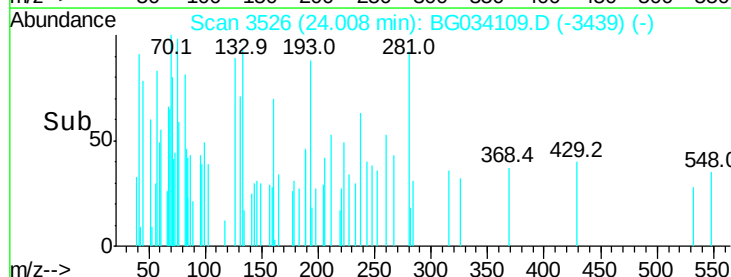
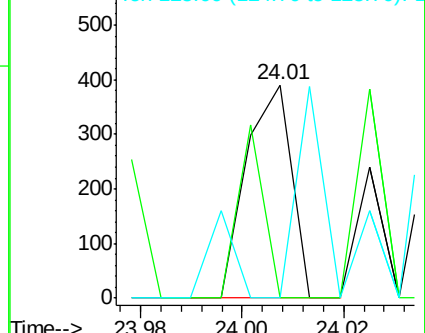
125 0.0 7.2 10.8#

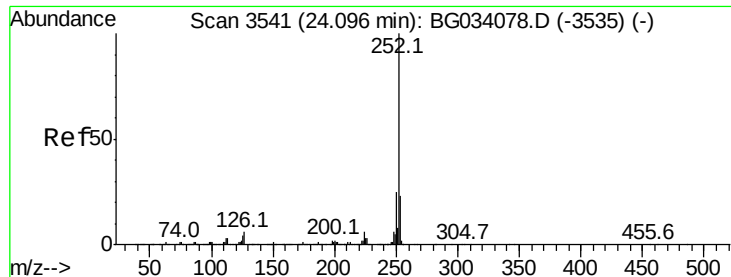


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.07 min Scan# 3536

Delta R.T. -0.03 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

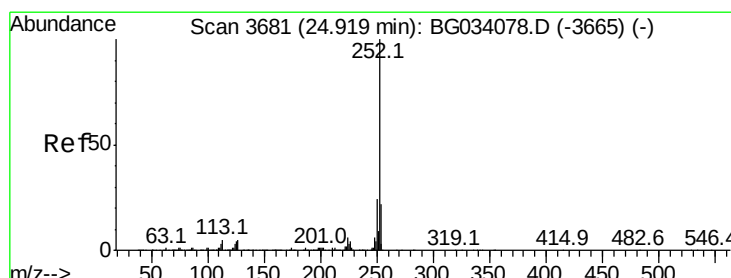
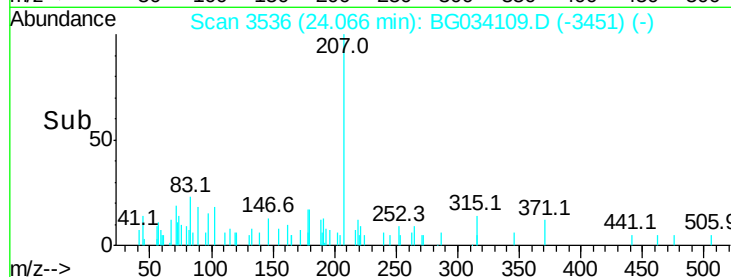
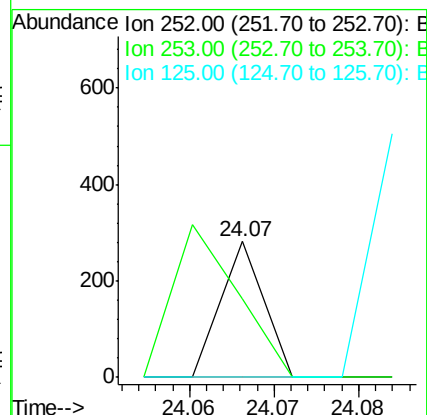
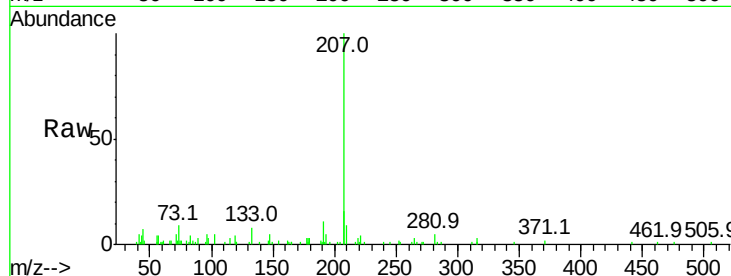
Tot Ion:252 Resp: 99

Ion Ratio Lower Upper

252 100

253 57.4 17.4 26.2#

125 0.0 6.6 9.8#



#89

Benzo(a)pyrene

Concen: 0.004 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

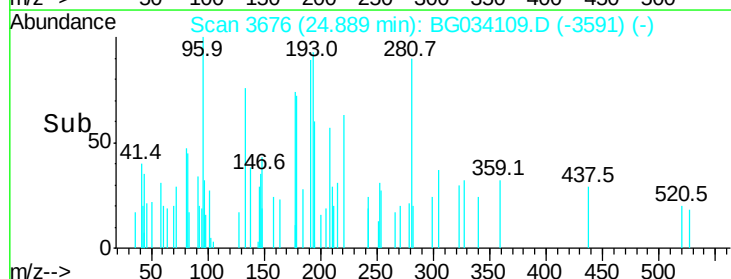
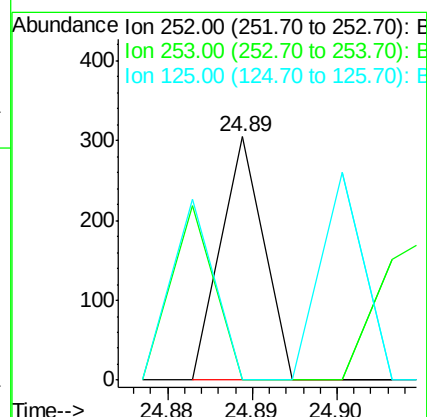
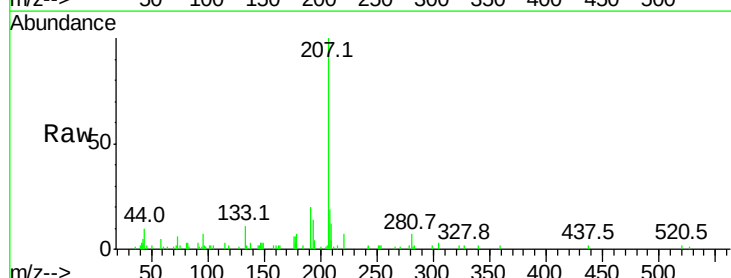
Tgt Ion:252 Resp: 107

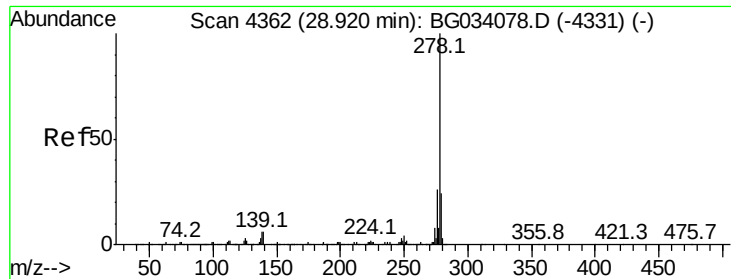
Ion Ratio Lower Upper

252 100

253 88.5 18.3 27.5#

125 0.0 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 28.93 min Scan# 4363

Delta R.T. 0.01 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

Instrument :

BNA_G

ClientSampleId :

SU-04-042718

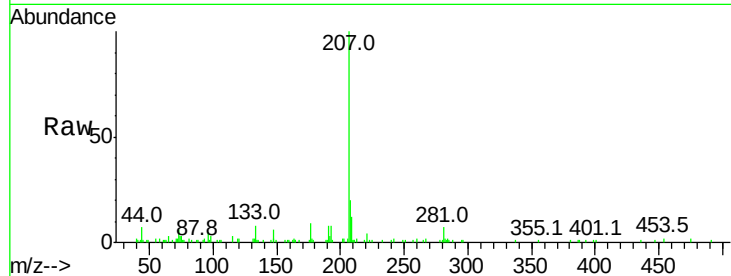
Tot Ion:278 Resp: 55

Ion Ratio Lower Upper

278 100

139 159.2 9.8 14.6#

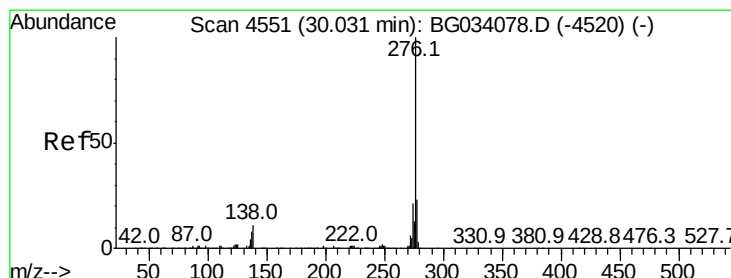
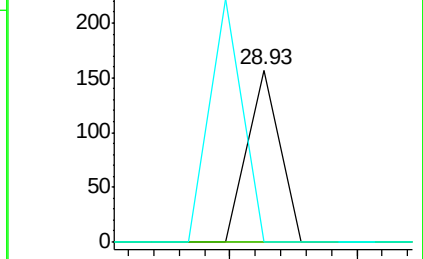
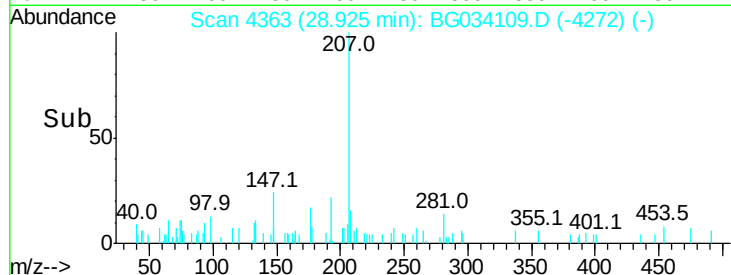
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.006 ng

RT: 30.01 min Scan# 4548

Delta R.T. -0.02 min

Lab File: BG034109.D

Acq: 2 May 2018 10:33

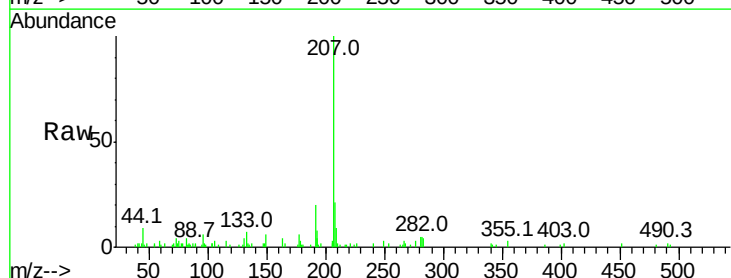
Tgt Ion:276 Resp: 164

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

