

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035775.D
 Acq On : 20 Jul 2018 8:28
 Operator : JU/SJ
 Sample : J4057-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

Quant Time: Jul 20 11:42:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44846	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	154284	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	104335	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	295836	20.00	ng	0.00
75) Chrysene-d12	21.66	240	387734	20.00	ng	-0.02
86) Perylene-d12	24.85	264	373430	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	304745	112.82	ng	-0.01
7) Phenol-d6	7.20	99	384643	95.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	312628	84.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208615	151.70	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	726881	93.34	ng	-0.01
78) Terphenyl-d14	20.00	244	1551935	88.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	80	0.058	ng	# 1
3) Pyridine	4.02	79	54	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	602	0.391	ng	# 1
6) Aniline	7.23	93	167	0.032	ng	# 1
8) 2-Chlorophenol	7.56	128	56	0.020	ng	# 1
9) Benzaldehyde	7.18	77	376	0.152	ng	# 5
10) Phenol	7.22	94	4141	1.017	ng	# 40
11) bis(2-Chloroethyl)ether	7.53	93	61	0.019	ng	# 16
12) 1,3-Dichlorobenzene	8.04	146	68	0.020	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	68	0.020	ng	# 23
14) 1,2-Dichlorobenzene	8.35	146	237	0.073	ng	# 1
15) Benzyl Alcohol	8.35	79	5038	1.377	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.55	45	432	0.162	ng	# 75
18) Hexachloroethane	9.03	117	122	0.095	ng	# 1
20) 3+4-Methylphenols	9.19	107	74	0.019	ng	# 1
22) Acetophenone	8.86	105	278	0.058	ng	# 50
24) Nitrobenzene	9.19	77	896	0.241	ng	# 24
25) Isophorone	9.40	82	915	0.133	ng	# 69
26) 2-Nitrophenol	10.26	139	74	0.056	ng	# 29
28) bis(2-Chloroethoxy)methane	10.47	93	64	0.017	ng	# 51
29) 2,4-Dichlorophenol	10.93	162	62	0.024	ng	# 23
30) 1,2,4-Trichlorobenzene	10.44	180	75	0.024	ng	# 12
31) Naphthalene	10.90	128	2764	0.344	ng	# 75
33) 4-Chloroaniline	10.90	127	549	0.157	ng	# 46
35) Caprolactam	11.74	113	73	0.067	ng	# 1
37) 2-Methylnaphthalene	12.50	142	411	0.069	ng	# 78
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	79	0.020	ng	# 25
40) Hexachlorocyclopentadiene	12.56	237	55	0.027	ng	# 22
45) 1,1'-Biphenyl	13.49	154	1120	0.138	ng	# 68
46) 2-Chloronaphthalene	13.70	162	92	0.015	ng	# 39
47) 2-Nitroaniline	13.65	65	59	0.027	ng	# 9
48) Acenaphthylene	14.40	152	59	0.006	ng	# 59
49) Dimethylphthalate	14.11	163	25200	2.757	ng	# 95
51) Acenaphthene	14.72	154	540	0.082	ng	# 24

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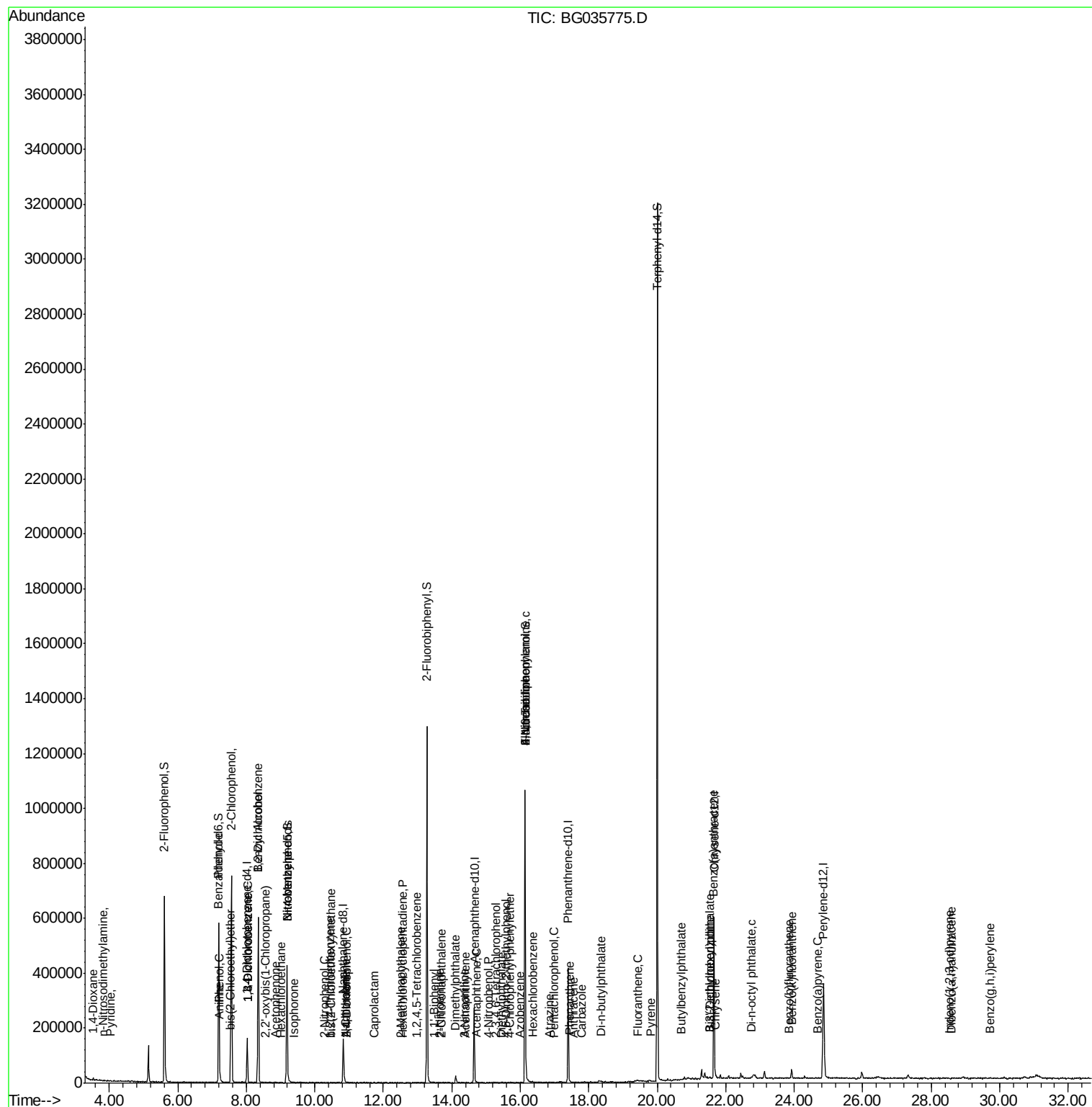
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
52) 3-Nitroaniline	14.37	138	79	0.042	ng	#	1
55) 4-Nitrophenol	15.08	139	57	0.042	ng	#	1
57) Fluorene	16.14	166	7626	0.871	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	15.29	232	76	0.031	ng	#	41
59) Diethylphthalate	15.46	149	646	0.069	ng	#	17
60) 4-Chlorophenyl-phenylether	15.69	204	60	0.012	ng	#	30
61) 4-Nitroaniline	16.15	138	98	0.049	ng	#	1
62) Azobenzene	15.99	77	65	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.57	198	63	0.038	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	7574	0.899	ng	#	53
67) Hexachlorobenzene	16.38	284	59	0.017	ng	#	41
68) Atrazine	16.85	200	65	0.019	ng	#	35
69) Pentachlorophenol	16.98	266	91	0.042	ng	#	19
70) Phenanthrene	17.44	178	460	0.031	ng	#	60
71) Anthracene	17.55	178	81	0.006	ng	#	59
72) Carbazole	17.79	167	139	0.010	ng	#	59
73) Di-n-butylphthalate	18.36	149	2398	0.145	ng	#	69
74) Fluoranthene	19.45	202	425	0.021	ng		65
77) Pyrene	19.82	202	716	0.029	ng	#	57
79) Butylbenzylphthalate	20.69	149	494	0.056	ng	#	48
80) Benzo(a)anthracene	21.65	228	1987	0.082	ng	#	50
81) 3,3'-Dichlorobenzidine	21.55	252	62	0.007	ng	#	1
82) Chrysene	21.70	228	691	0.031	ng	#	43
83) Bis(2-ethylhexyl)phthalate	21.54	149	1893	0.159	ng	#	86
84) Di-n-octyl phthalate	22.74	149	1135	0.057	ng	#	76
85) Indeno(1,2,3-cd)pyrene	28.54	276	69	0.003	ng	#	1
87) Benzo(b)fluoranthene	23.84	252	140	0.006	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	1280	0.058	ng	#	38
89) Benzo(a)pyrene	24.69	252	421	0.020	ng	#	37
90) Dibenzo(a,h)anthracene	28.59	278	58	0.003	ng	#	58
91) Benzo(a,h,i)perylene	29.72	276	58	0.003	ng	#	1

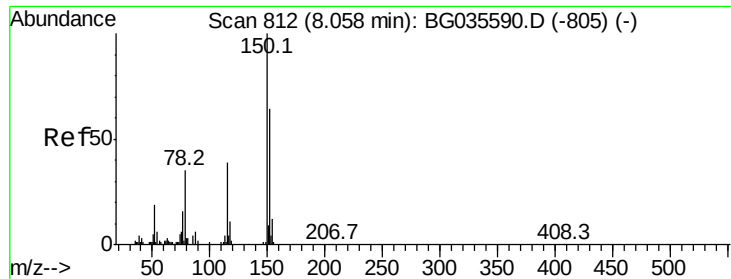
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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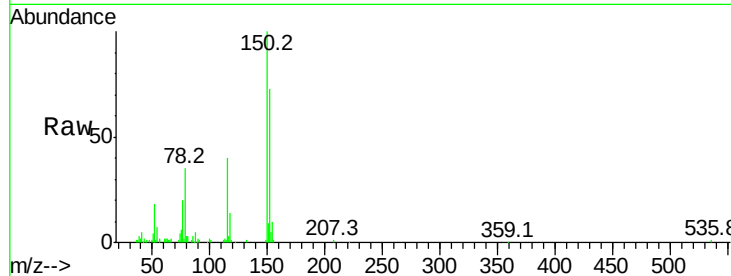


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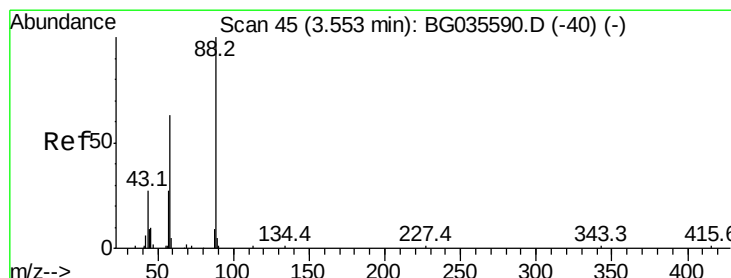
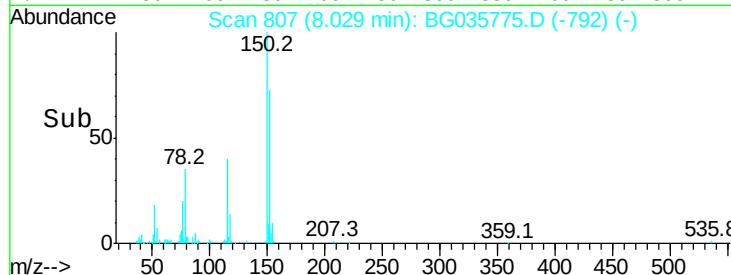
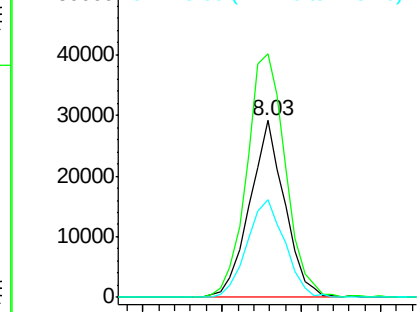
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Tot Ion:152 Resp: 44846
Ion Ratio Lower Upper
152 100
150 137.6 126.6 189.8
115 55.1 53.0 79.4



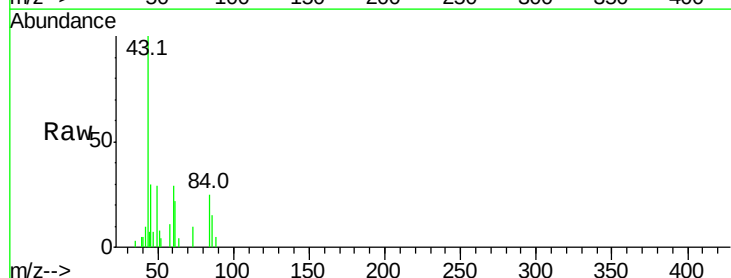
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



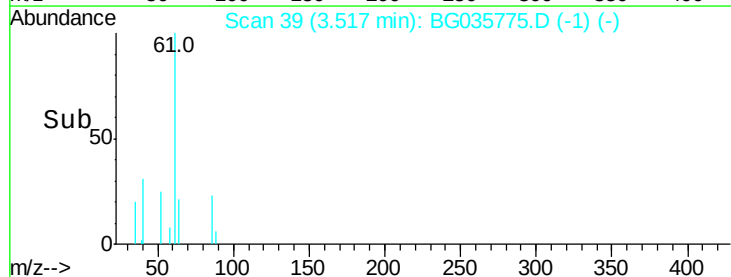
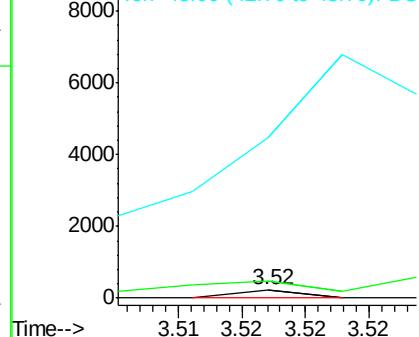
#2

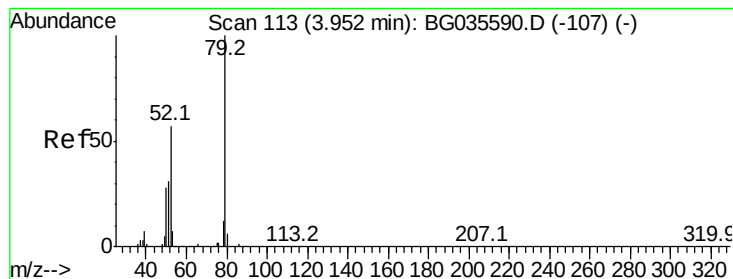
1,4-Dioxane
Concen: 0.058 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.02 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
58 528.8 79.6 119.4#
43 10363.8 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: 0.015 ng

RT: 4.02 min Scan# 125

Delta R.T. 0.09 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

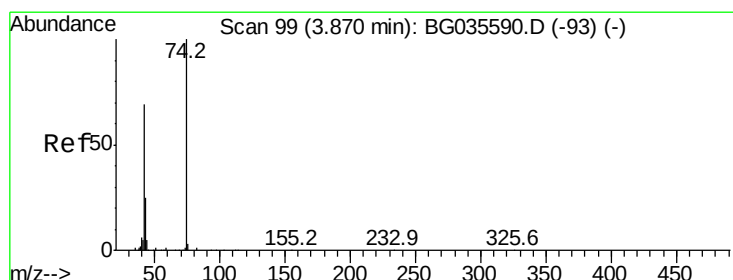
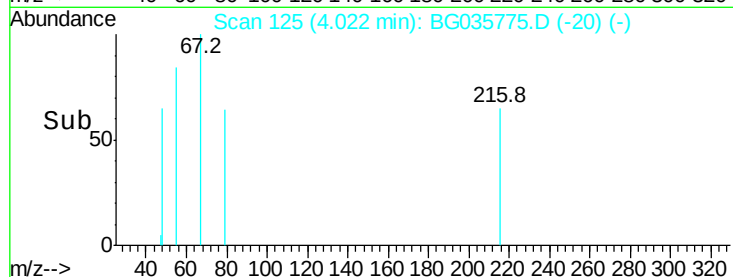
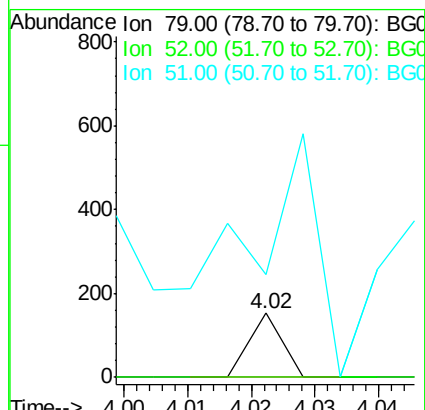
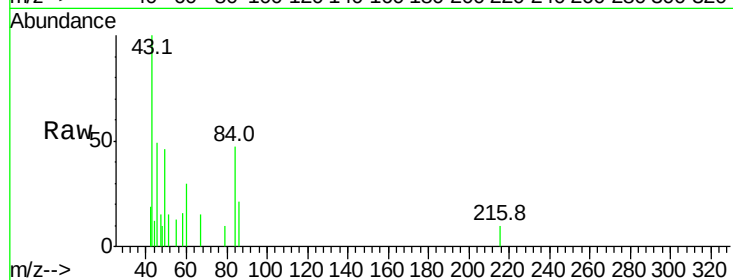
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 160.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.391 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.03 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

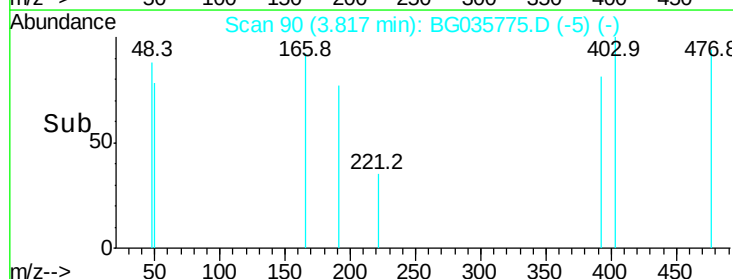
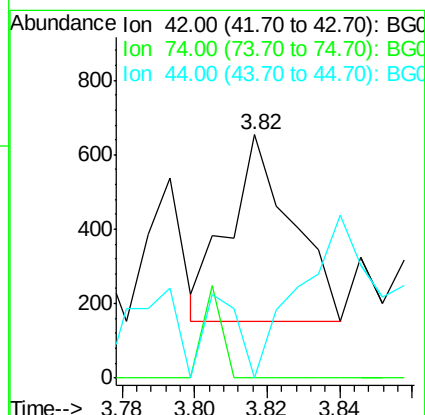
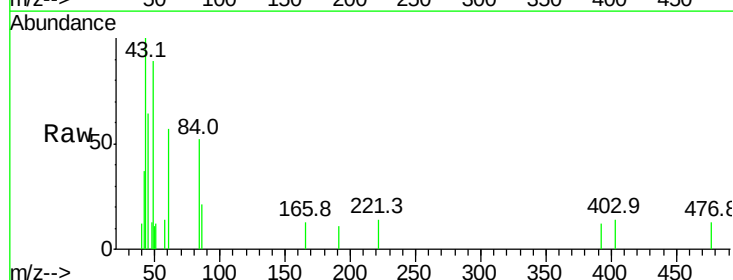
Tgt Ion: 42 Resp: 602

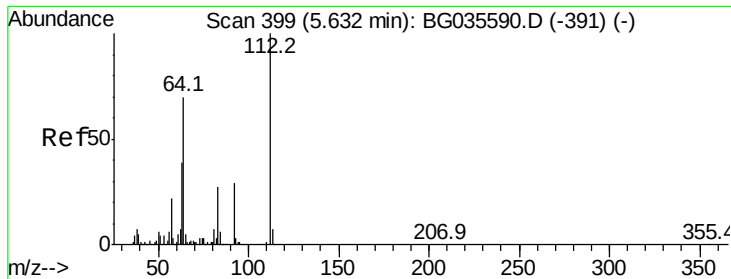
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 0.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 112.819 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

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ClientSampleId :

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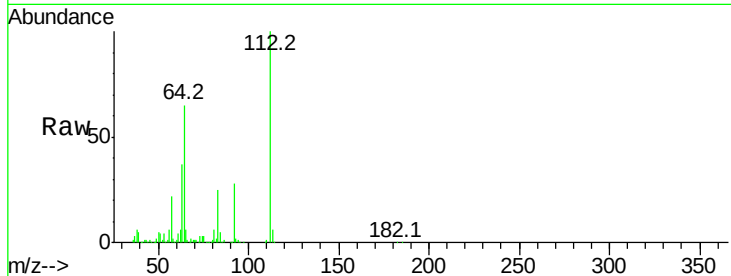
Tot Ion:112 Resp: 304745

Ion Ratio Lower Upper

112 100

64 65.3 56.3 84.5

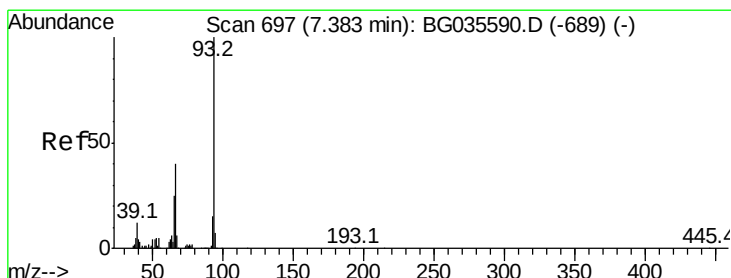
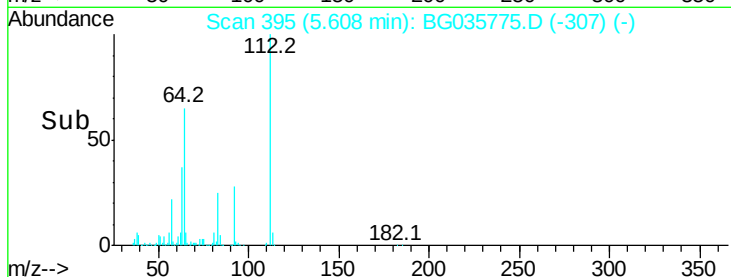
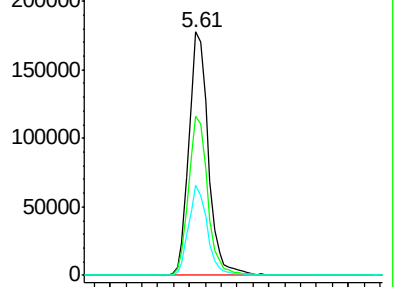
63 37.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.032 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.14 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

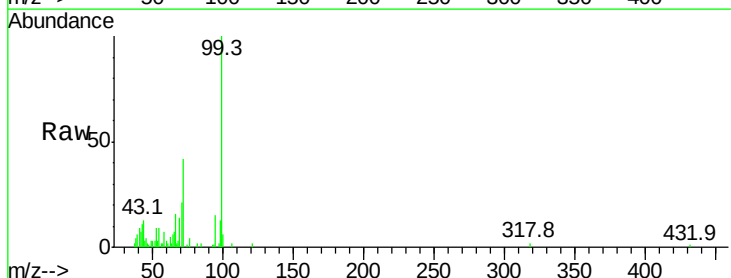
Tgt Ion: 93 Resp: 167

Ion Ratio Lower Upper

93 100

66 607.6 33.7 50.5#

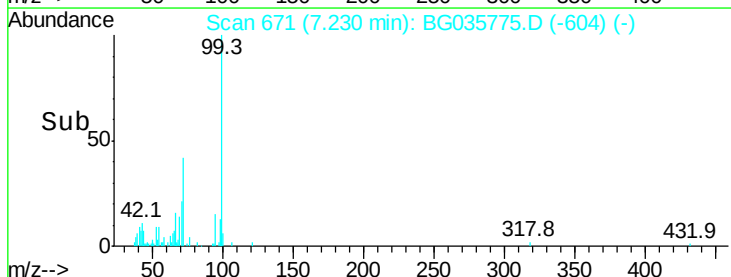
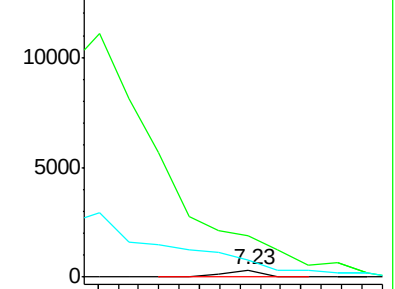
65 253.8 16.1 24.1#

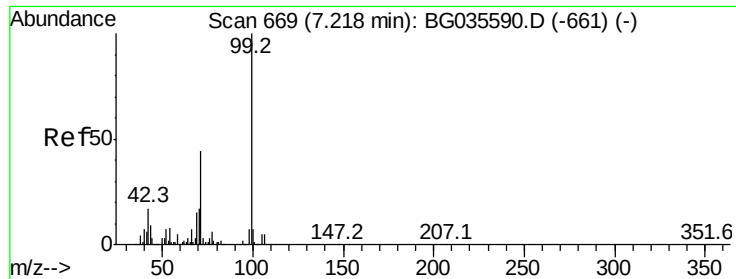


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.442 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

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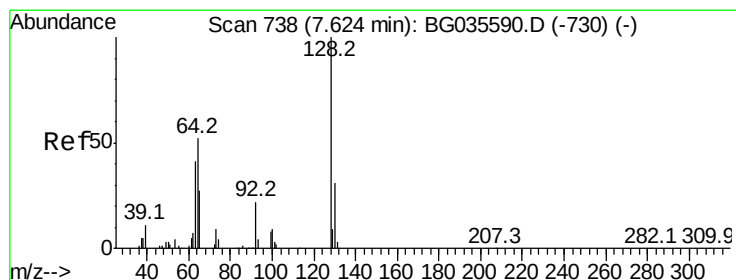
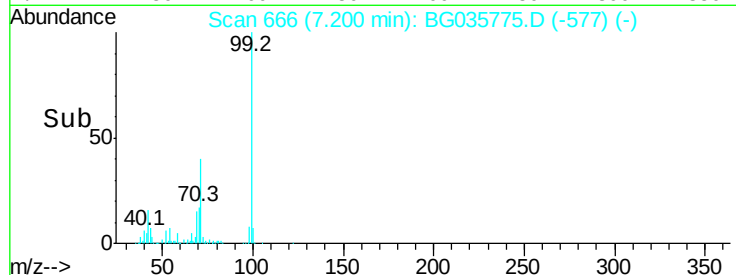
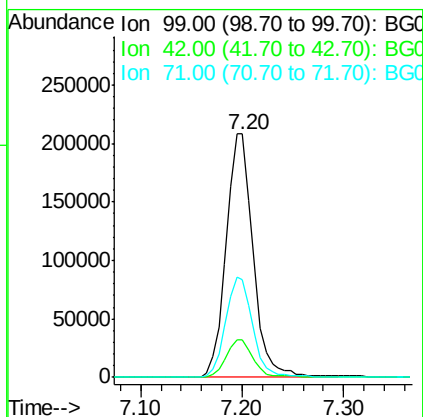
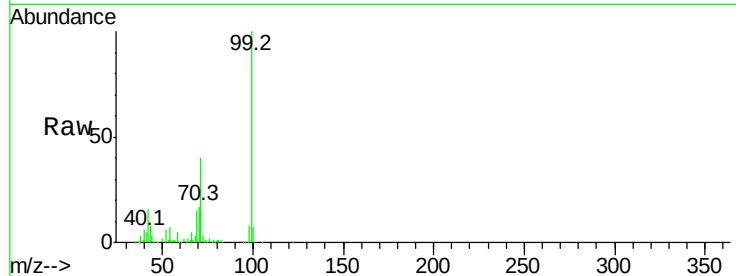
Tot Ion: 99 Resp: 384643

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 40.2 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.05 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

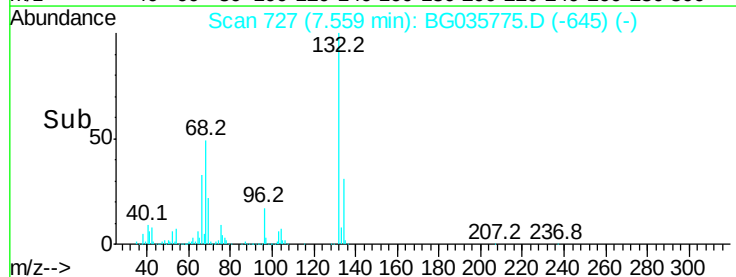
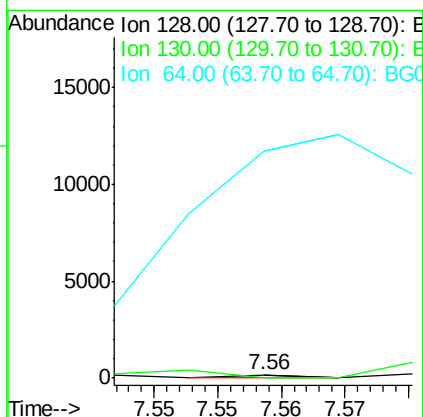
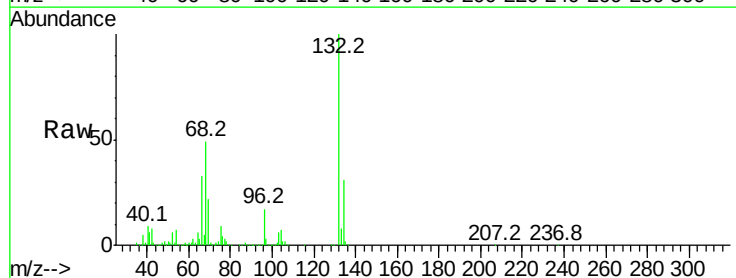
Tgt Ion: 128 Resp: 56

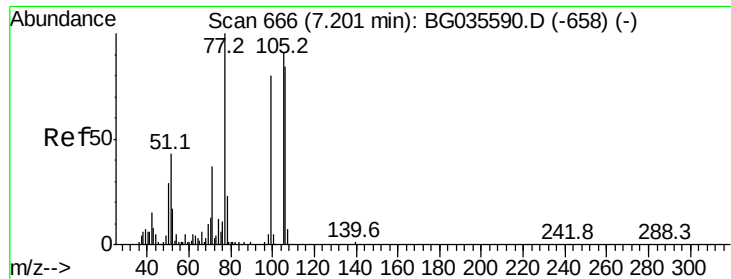
Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

64 7308.1 37.7 77.7#





#9

Benzaldehyd

Concen: 0.152 ng

RT: 7.18 min Scan# 663

Delta R.T. 0.01 min

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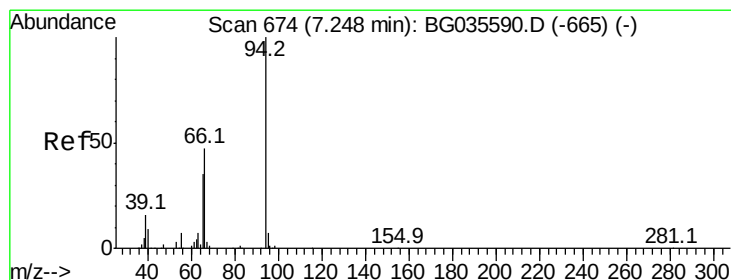
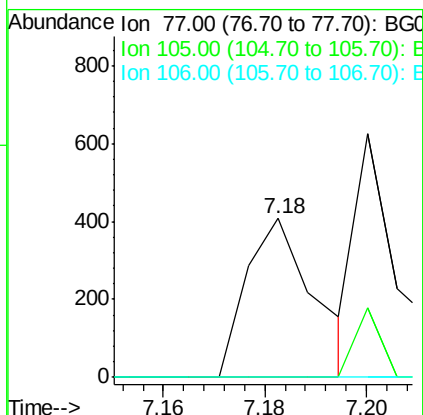
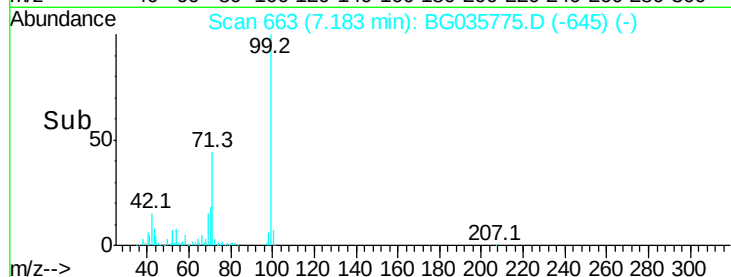
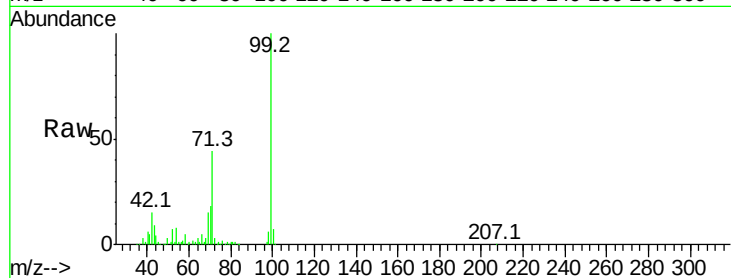
Tot Ion: 77 Resp: 376

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 1.017 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

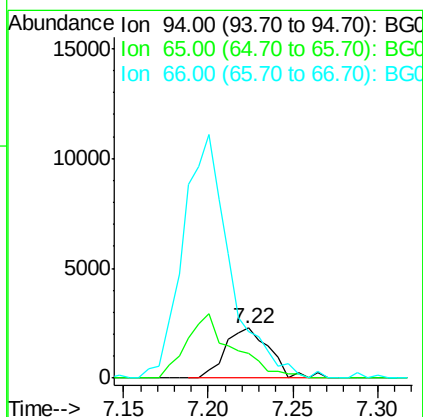
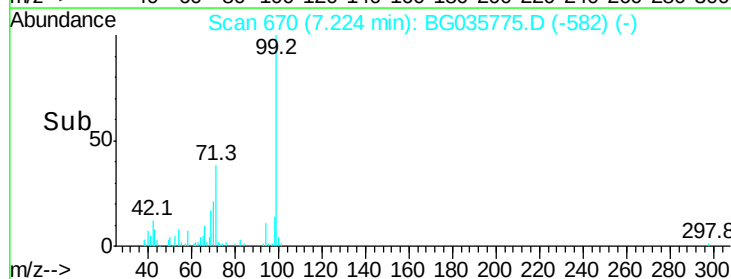
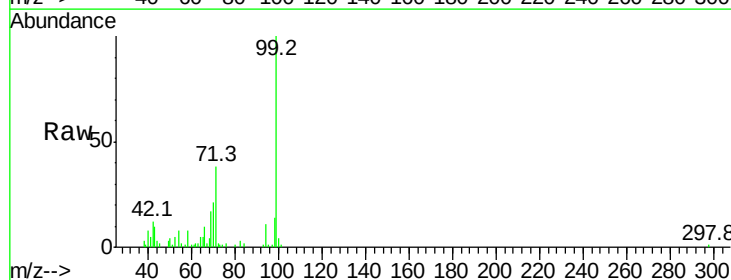
Tgt Ion: 94 Resp: 4141

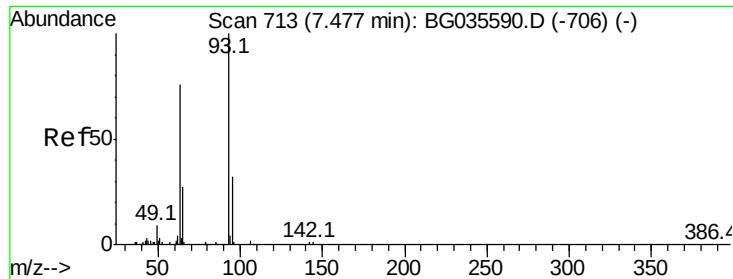
Ion Ratio Lower Upper

94 100

65 50.6 11.9 51.9

66 92.8 22.2 62.2#

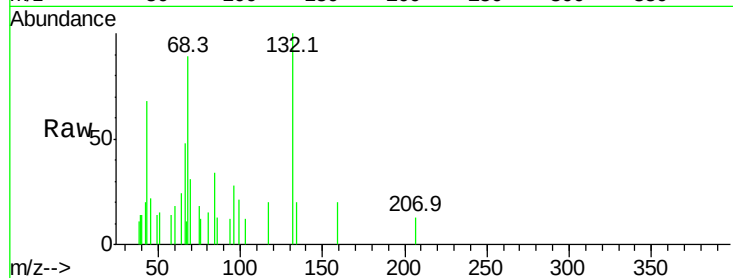




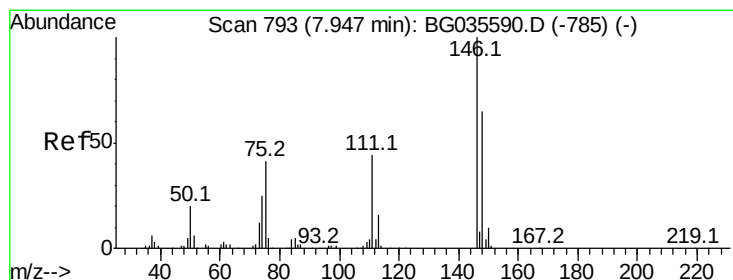
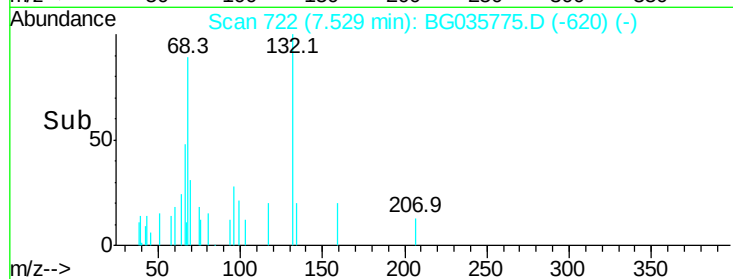
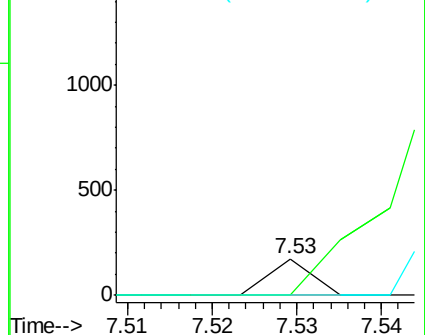
#11
bis(2-Chloroethyl)ether
Concen: 0.019 ng
RT: 7.53 min Scan# 722
Delta R.T. 0.07 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Tot Ion: 93 Resp: 61
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#

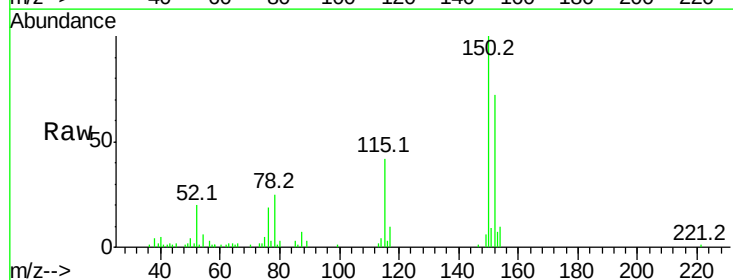


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

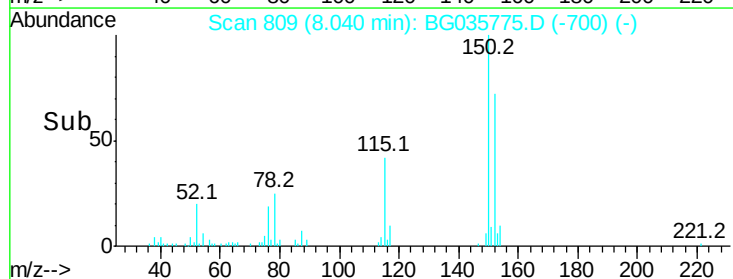
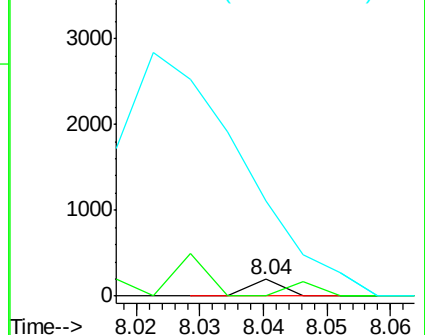


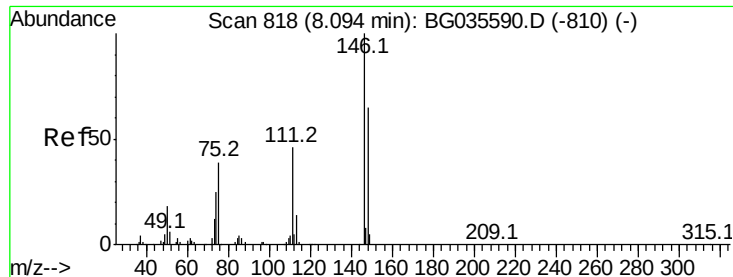
#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.11 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion: 146 Resp: 68
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 576.7 26.6 39.8#



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





#13

1,4-Dichlorobenzene

Concen: 0.020 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.04 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

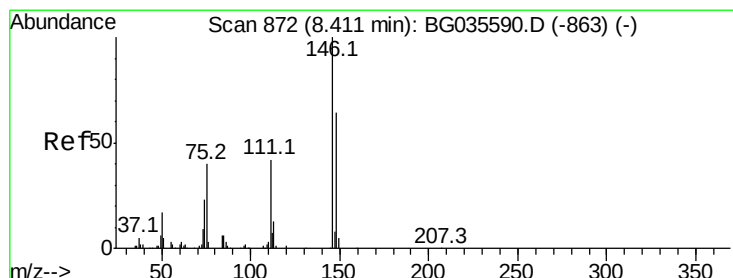
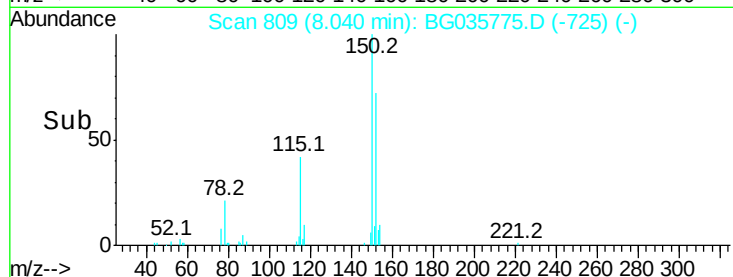
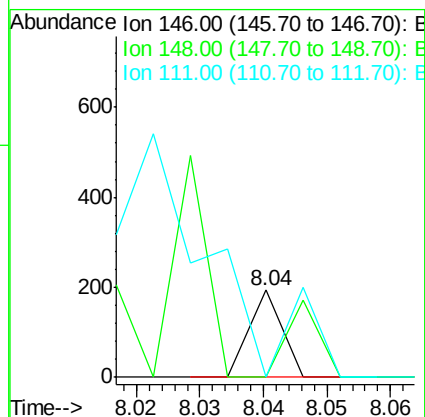
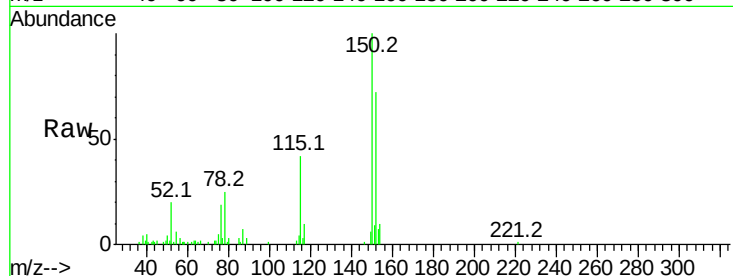
Tot Ion:146 Resp: 68

Ion Ratio Lower Upper

146 100

148 0.0 53.7 80.5#

111 0.0 35.2 52.8#



#14

1,2-Dichlorobenzene

Concen: 0.073 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.05 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

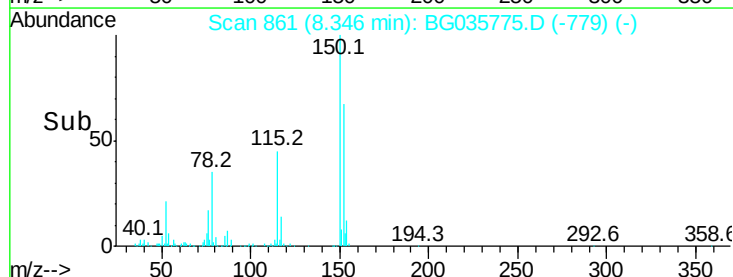
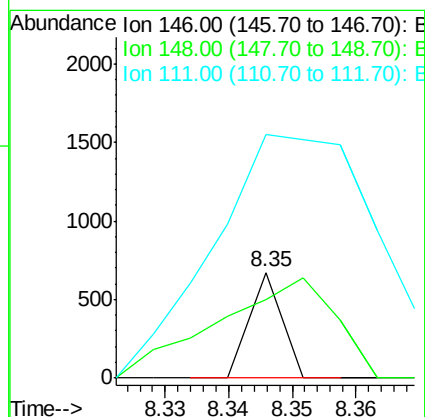
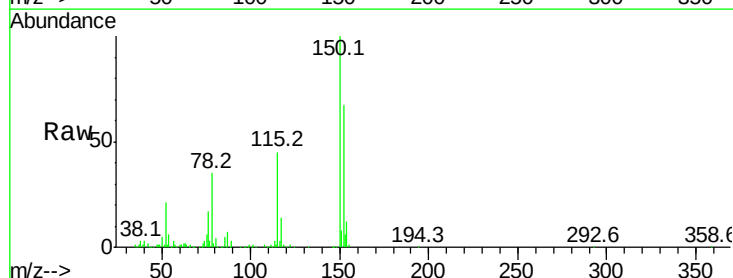
Tgt Ion:146 Resp: 237

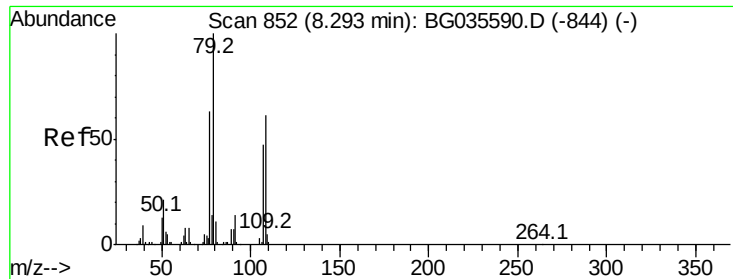
Ion Ratio Lower Upper

146 100

148 75.0 49.3 73.9#

111 231.0 34.3 51.5#





#15

Benzyl Alcohol

Concen: 1.377 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.07 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

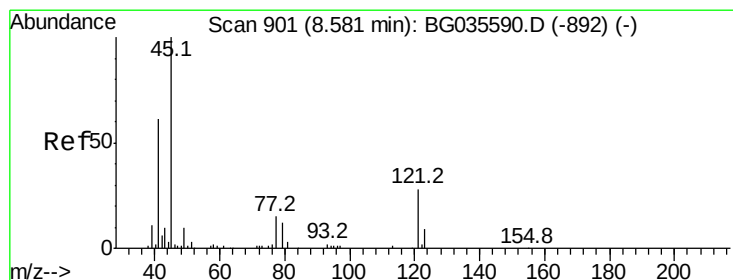
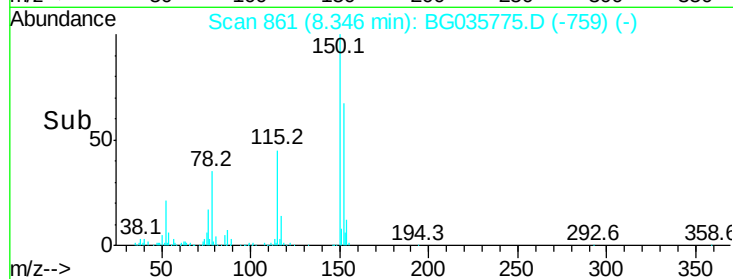
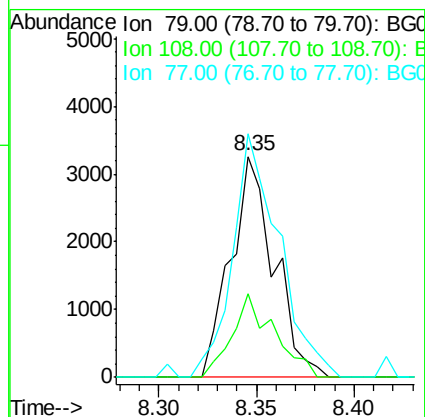
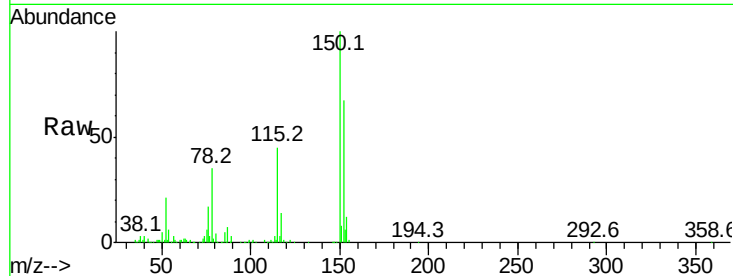
Tot Ion: 79 Resp: 5038

Ion Ratio Lower Upper

79 100

108 38.0 57.2 85.8#

77 110.2 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.162 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

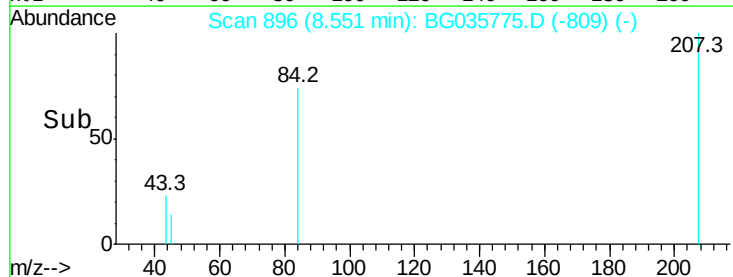
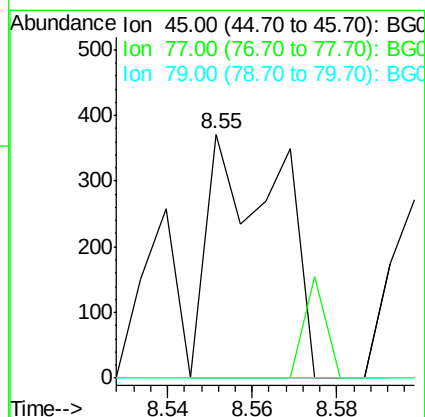
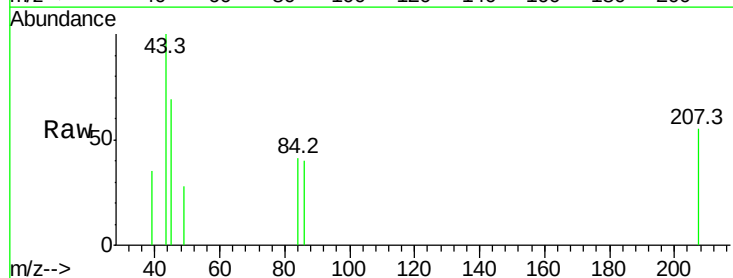
Tgt Ion: 45 Resp: 432

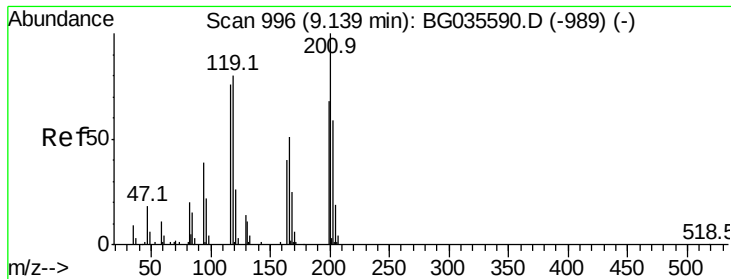
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9

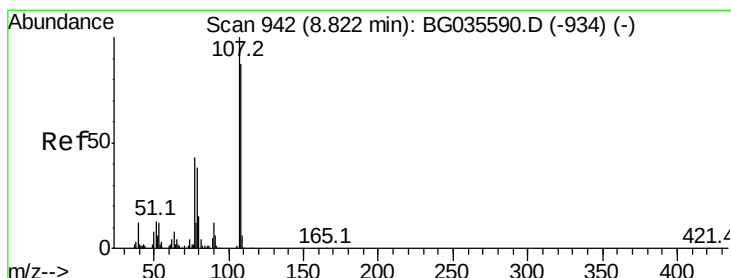
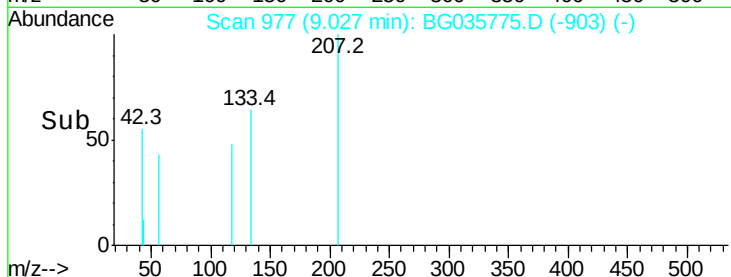
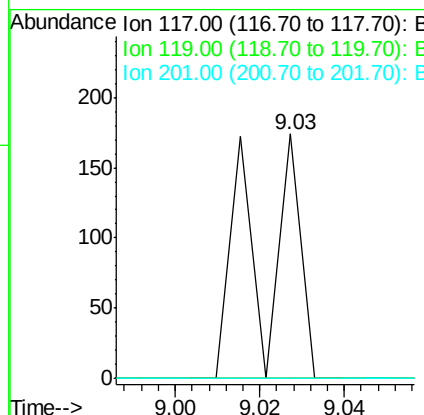
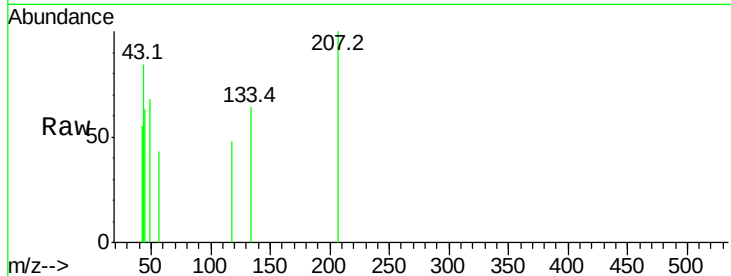




#18
Hexachloroethane
Concen: 0.095 ng
RT: 9.03 min Scan# 977
Delta R.T. -0.09 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

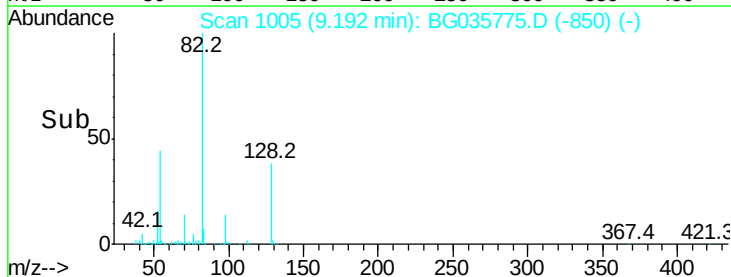
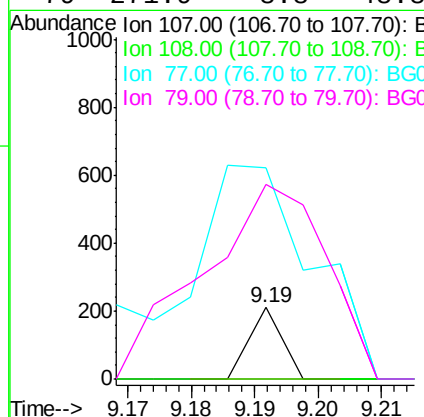
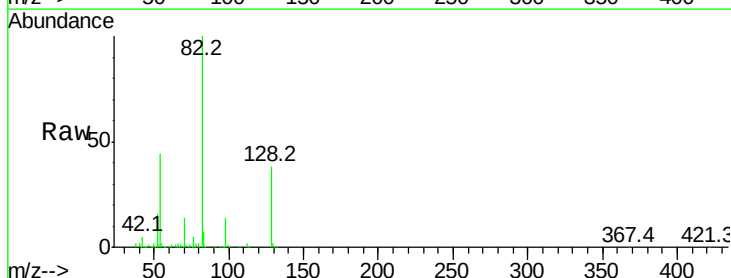
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

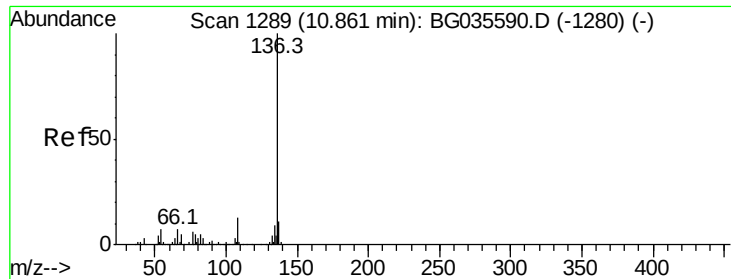
Tot Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#



#20
3+4-Methylphenols
Concen: 0.019 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.38 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	295.7	13.9	53.9#
79	271.9	8.8	48.8#

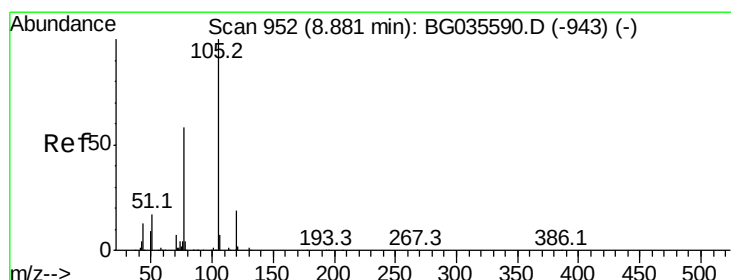
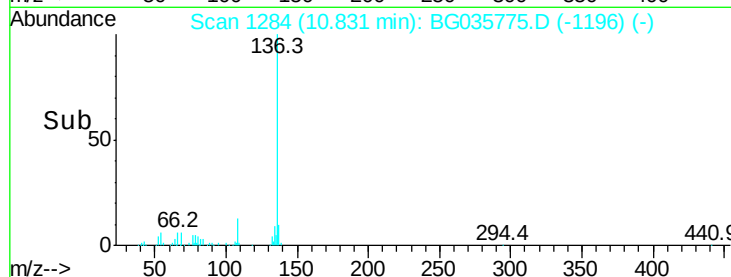
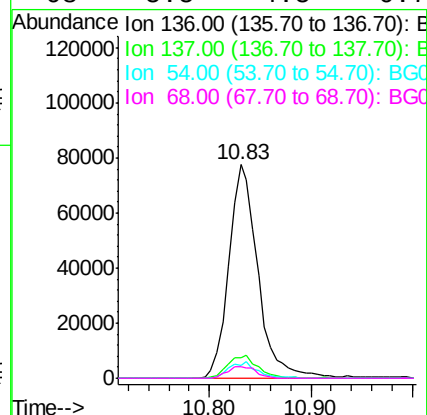
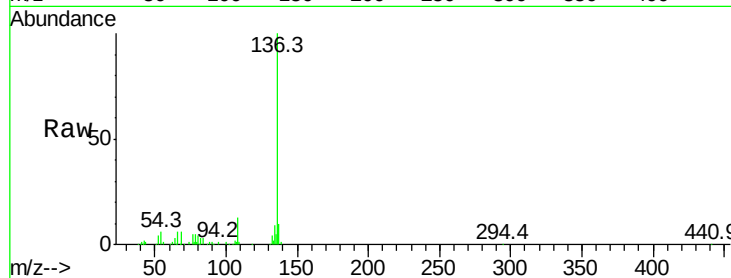




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

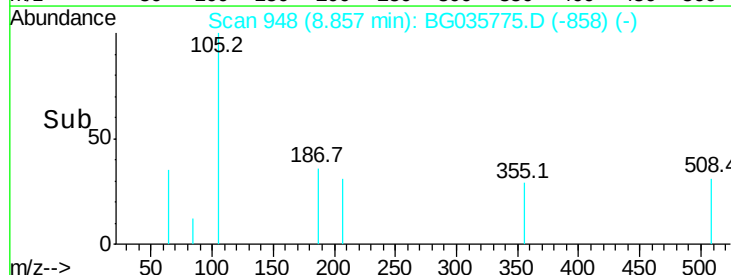
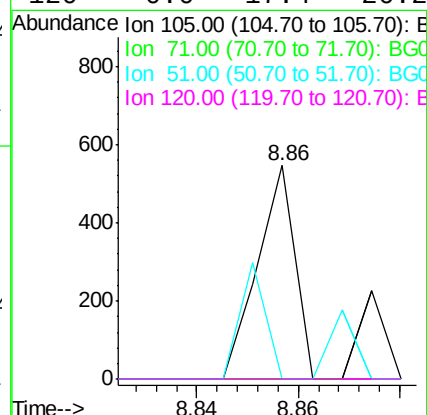
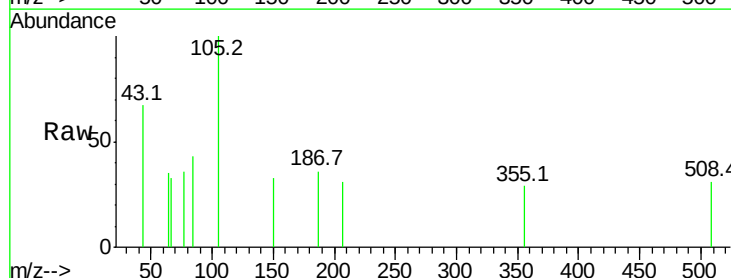
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

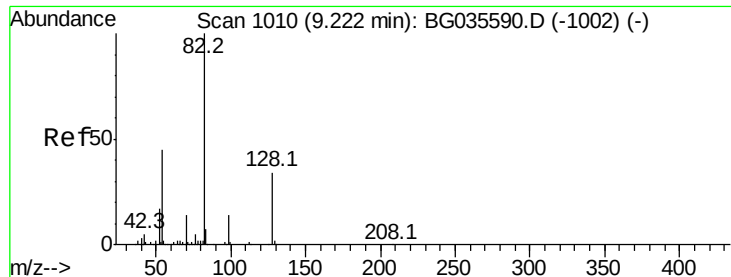
Tot Ion:	136	Resp:	154284
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	6.1	10.3	15.5#
68	5.5	4.5	6.7



#22
Acetophenone
Concen: 0.058 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:	105	Resp:	278
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: 84.649 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

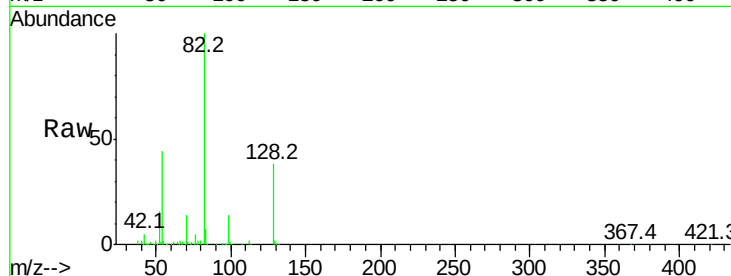
Tot Ion: 82 Resp: 312628

Ion Ratio Lower Upper

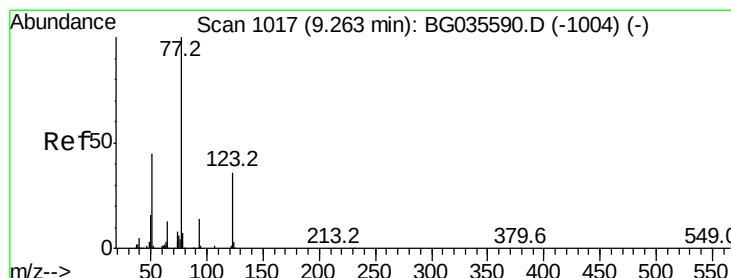
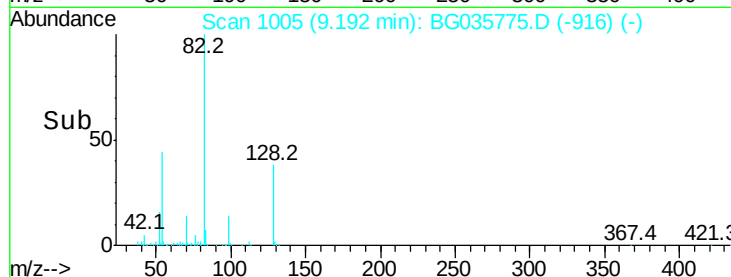
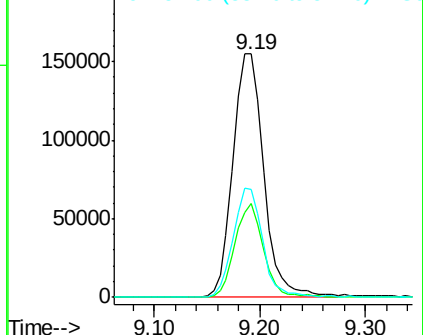
82 100

128 38.4 29.7 44.5

54 44.5 43.1 64.7



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



#24

Nitrobenzene

Concen: 0.241 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

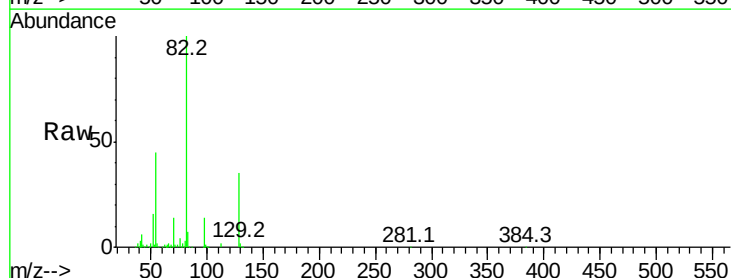
Tgt Ion: 77 Resp: 896

Ion Ratio Lower Upper

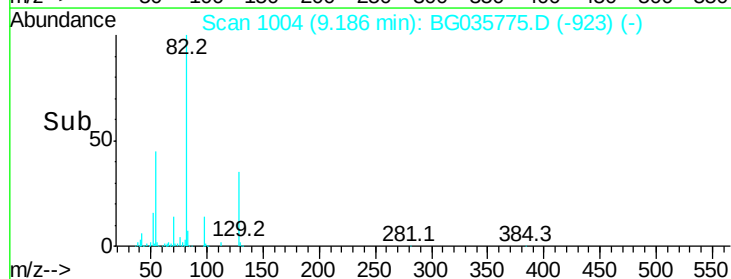
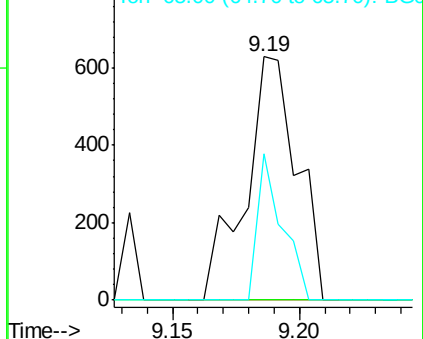
77 100

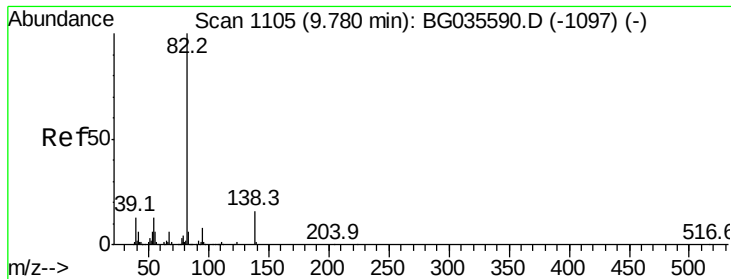
123 0.0 33.0 49.6#

65 60.1 13.0 19.6#



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





#25

Isophorone

Concen: 0.133 ng

RT: 9.40 min Scan# 1040

Delta R.T. -0.36 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

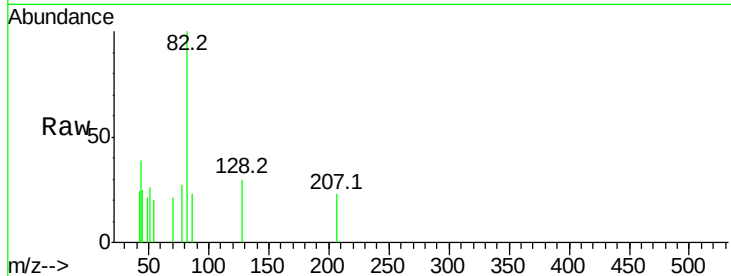
Tot Ion: 82 Resp: 915

Ion Ratio Lower Upper

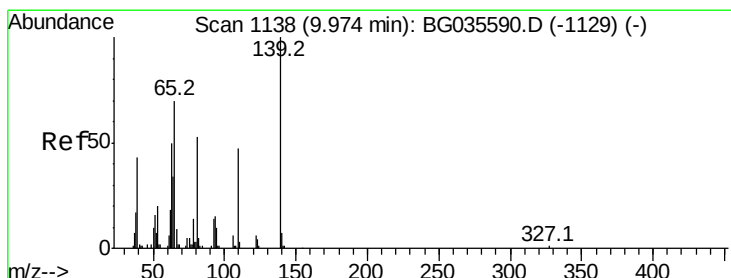
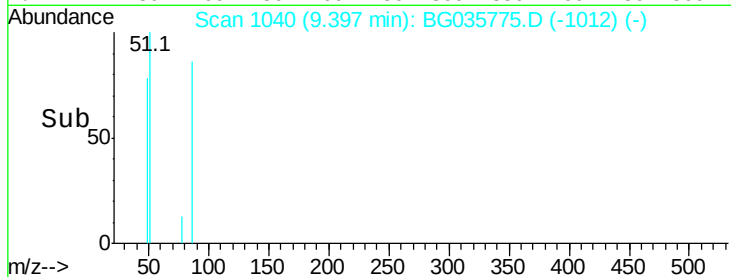
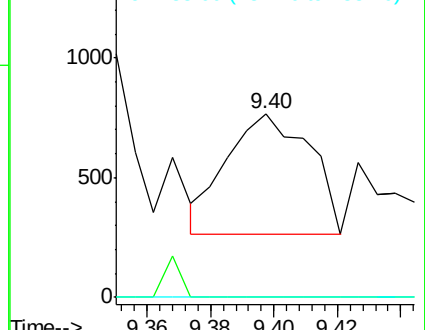
82 100

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



#26

2-Nitrophenol

Concen: 0.056 ng

RT: 10.26 min Scan# 1187

Delta R.T. 0.31 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

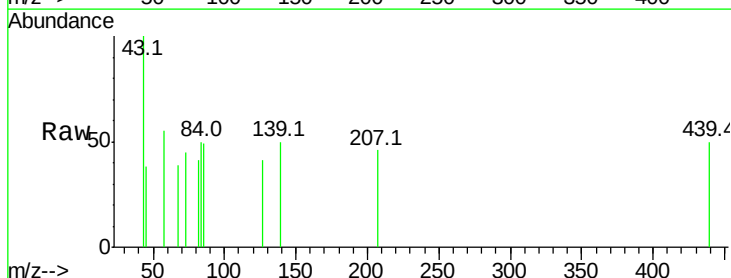
Tgt Ion: 139 Resp: 74

Ion Ratio Lower Upper

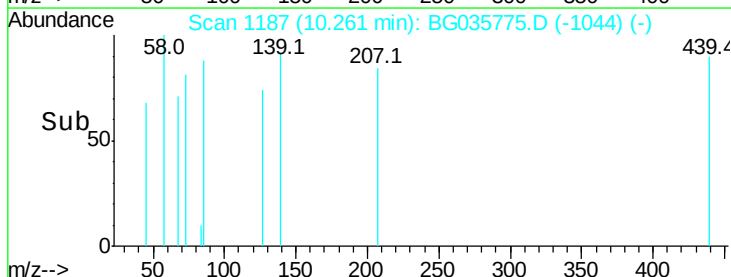
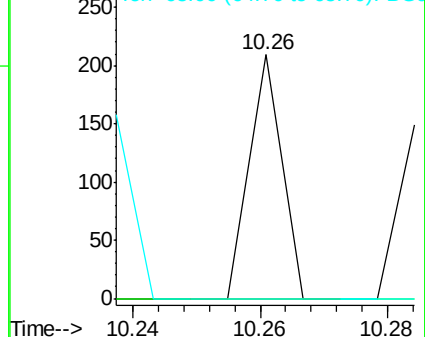
139 100

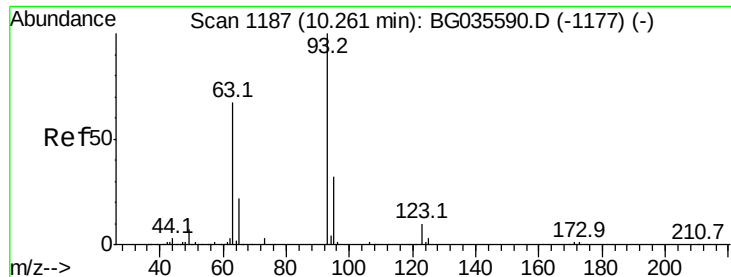
109 0.0 24.2 36.2#

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

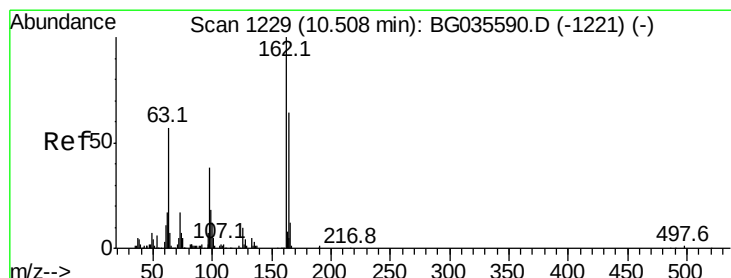
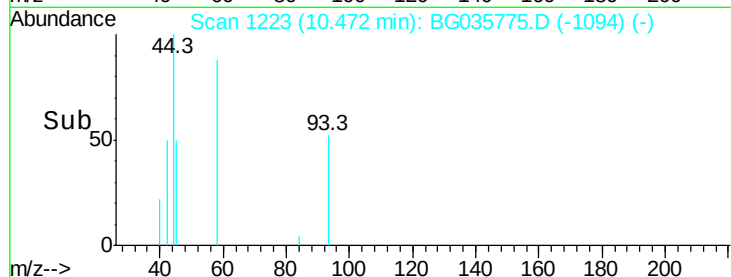
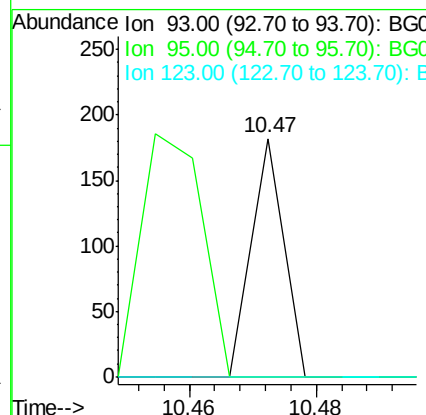
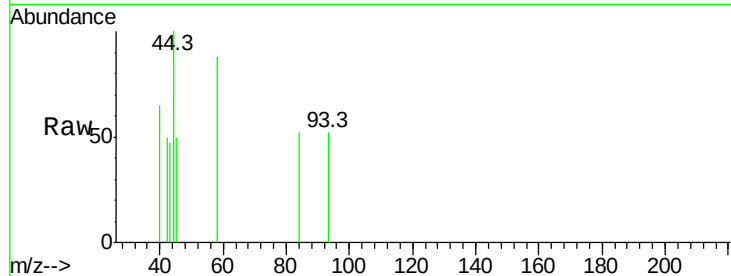




#28
bis(2-Chloroethoxy)methane
Concen: 0.017 ng
RT: 10.47 min Scan# 1223
Delta R.T. 0.23 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

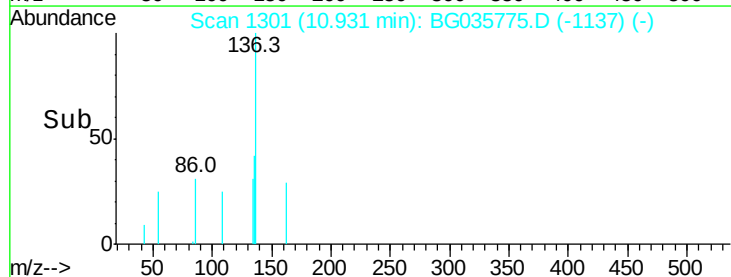
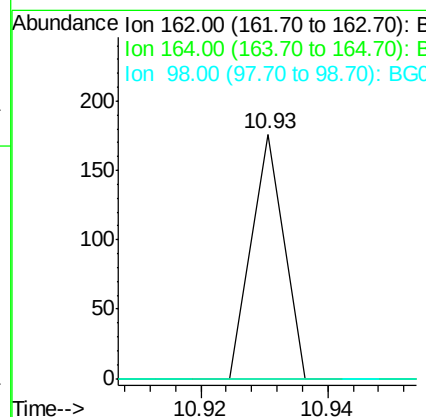
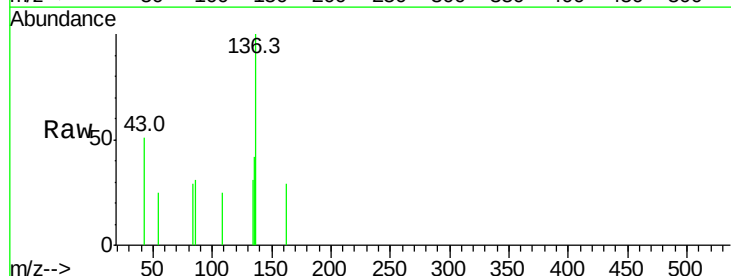
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

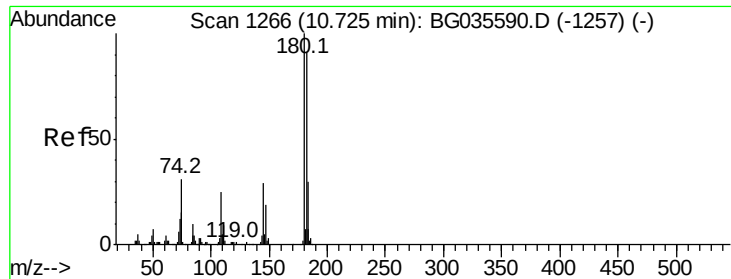
Tot Ion: 93 Resp: 64
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#



#29
2,4-Dichlorophenol
Concen: 0.024 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.43 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion: 162 Resp: 62
Ion Ratio Lower Upper
162 100
164 0.0 48.0 88.0#
98 0.0 21.1 61.1#

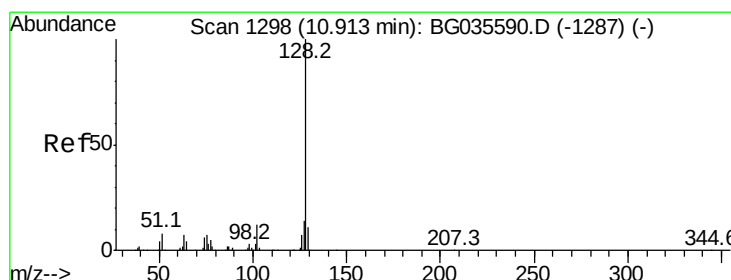
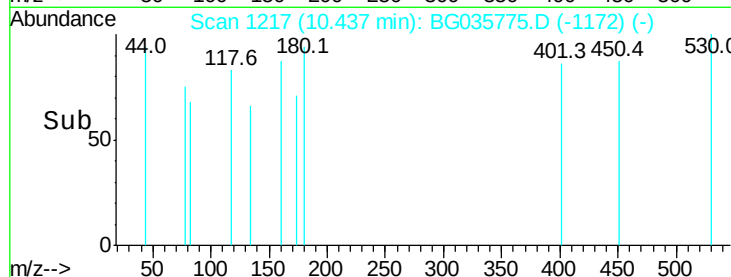
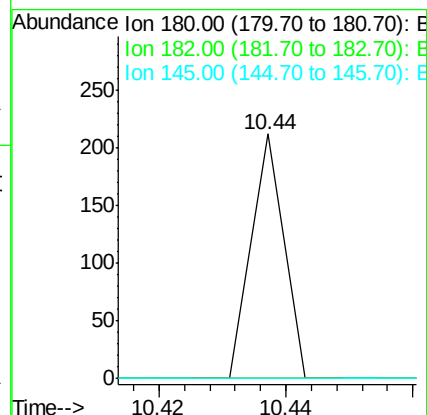
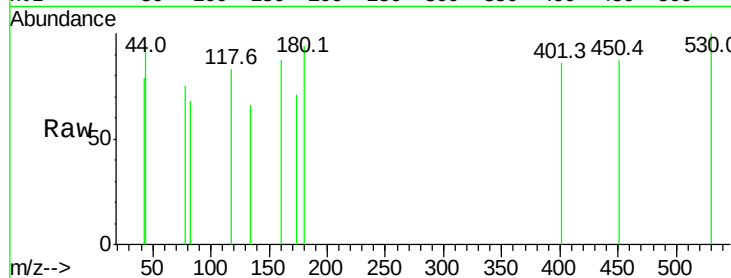




#30
1,2,4-Trichlorobenzene
Concen: 0.024 ng
RT: 10.44 min Scan# 1217
Delta R.T. -0.26 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

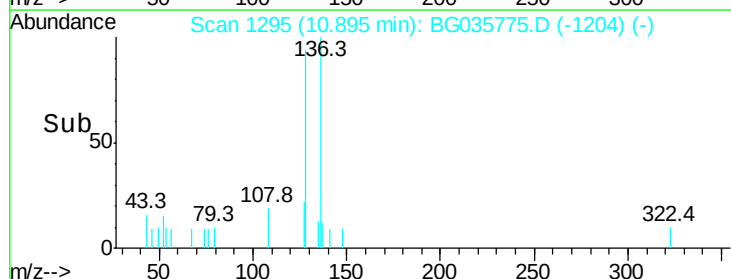
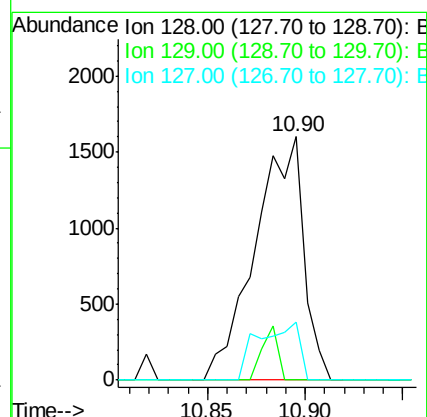
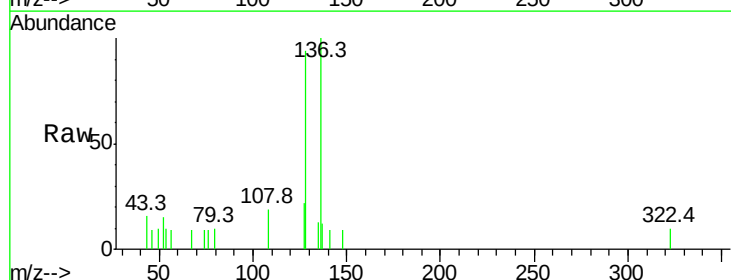
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

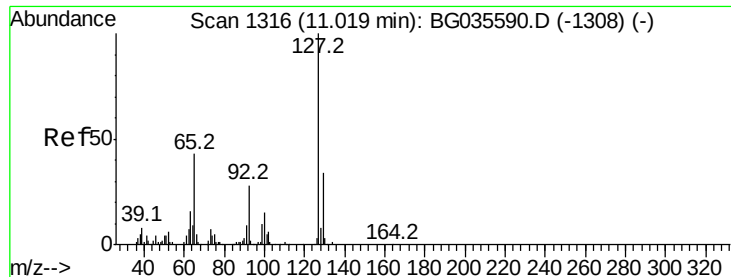
Tot Ion:180 Resp: 75
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
145 0.0 23.4 35.2#



#31
Naphthalene
Concen: 0.344 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:128 Resp: 2764
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 23.8 11.6 17.4#

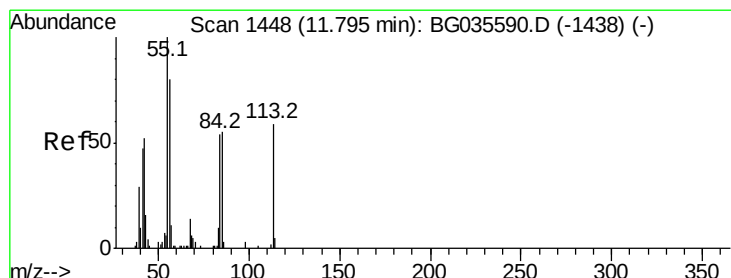
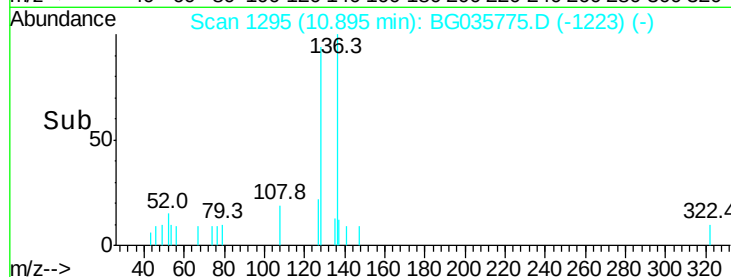
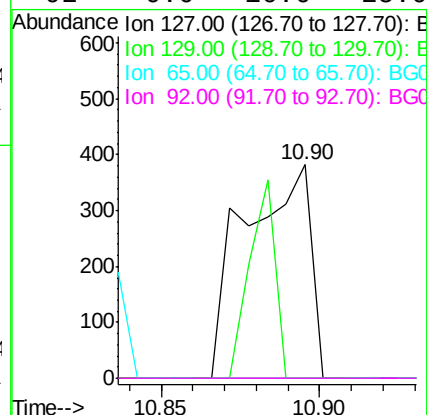
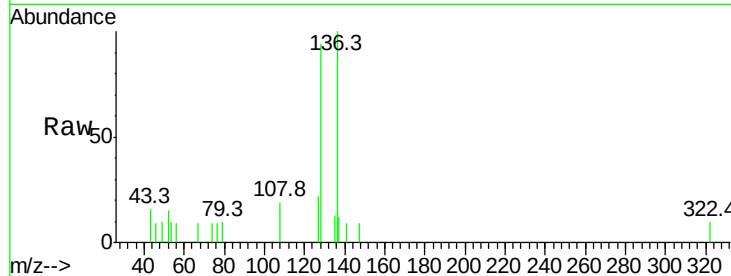




#33
4-Chloroaniline
Concen: 0.157 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

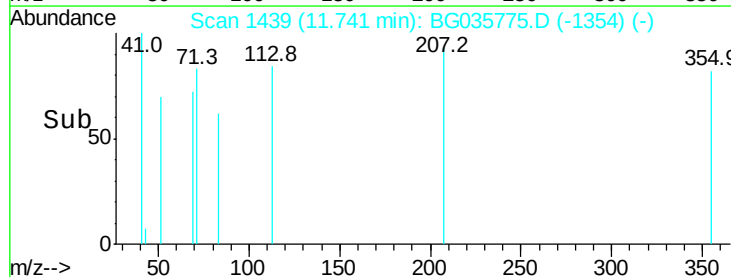
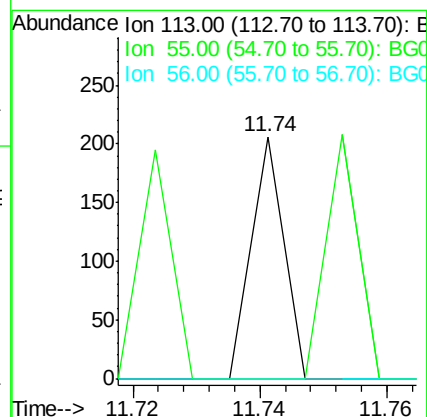
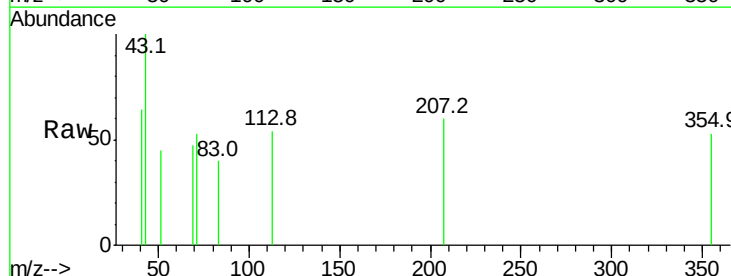
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

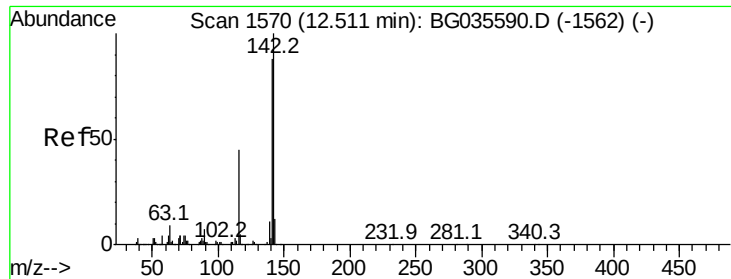
Tot Ion:	127	Resp:	549
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#35
Caprolactam
Concen: 0.067 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:	113	Resp:	73
Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#





#37

2-Methylnaphthalene

Concen: 0.069 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

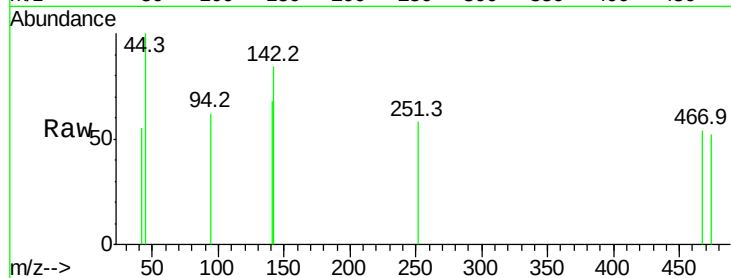
Tot Ion:142 Resp: 411

Ion Ratio Lower Upper

142 100

141 80.7 67.1 100.7

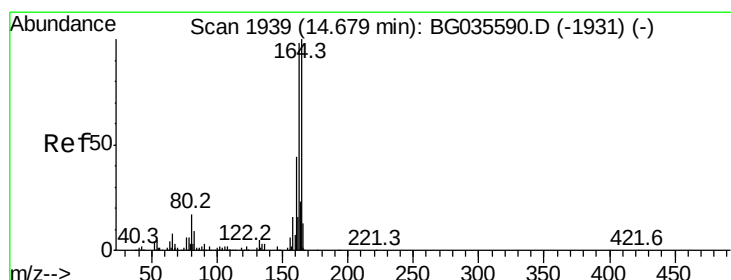
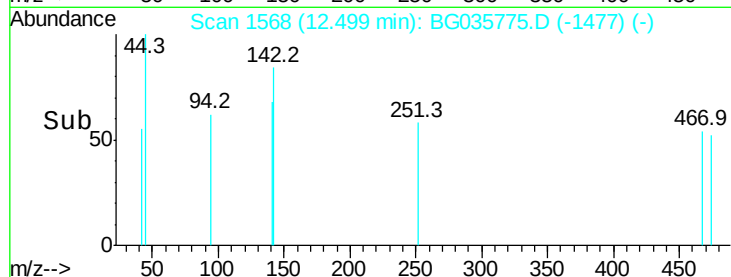
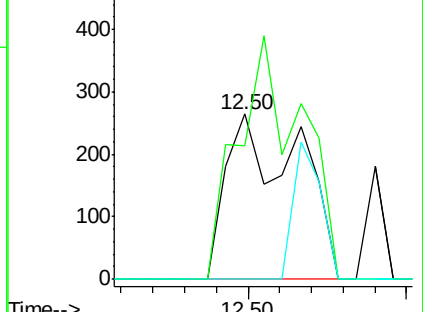
115 0.0 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

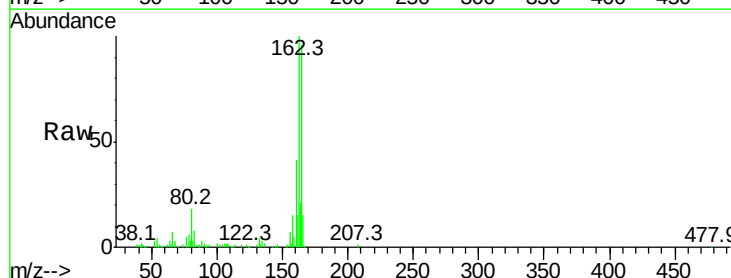
Tgt Ion:164 Resp: 104335

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

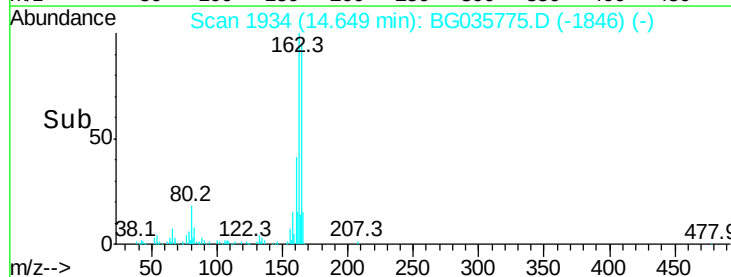
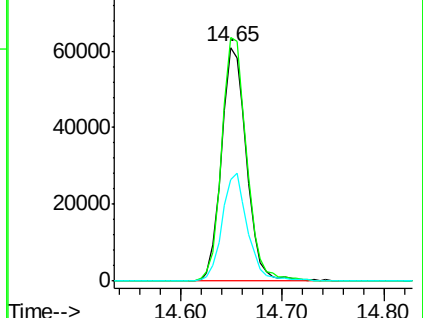
160 43.2 35.4 53.0

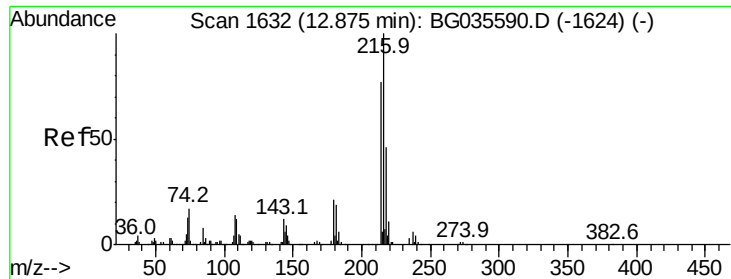


Abundance Ion 164.00 (163.70 to 164.70): E

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: 0.020 ng

RT: 12.96 min Scan# 1647

Delta R.T. 0.11 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampled :

LS-SOIL-2

Tot Ion:216 Resp: 79

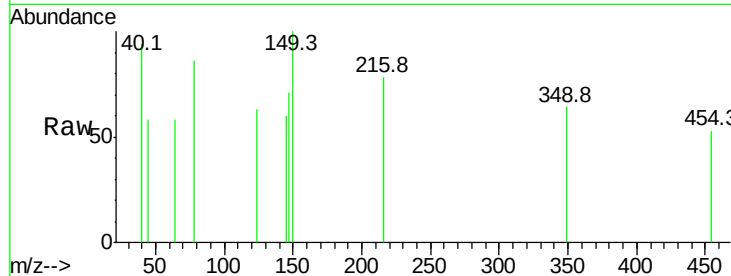
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

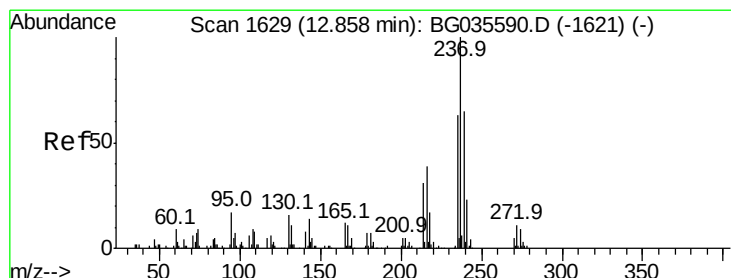
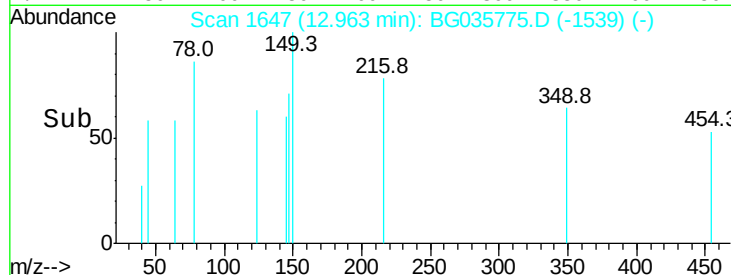
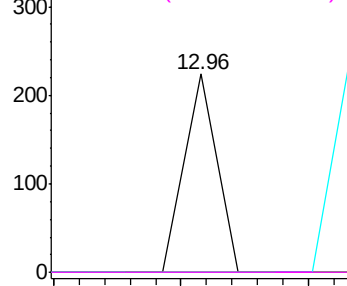


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.027 ng

RT: 12.56 min Scan# 1579

Delta R.T. -0.28 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

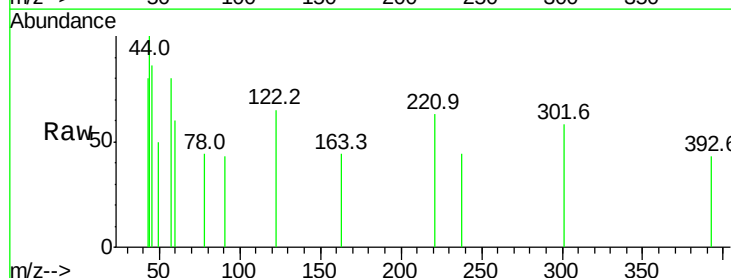
Tgt Ion:237 Resp: 55

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

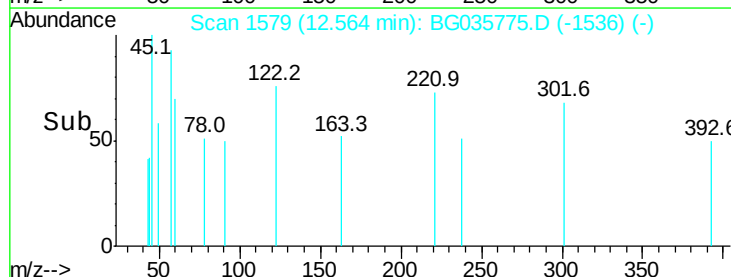
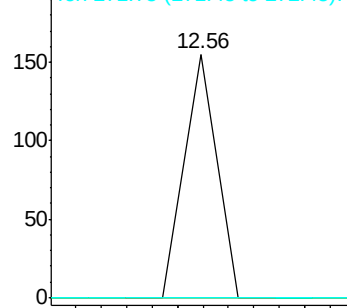
272 0.0 0.0 31.8

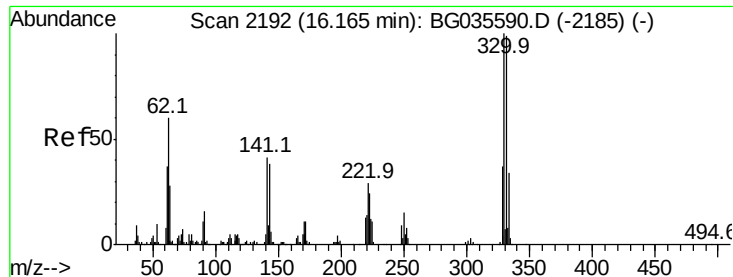


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

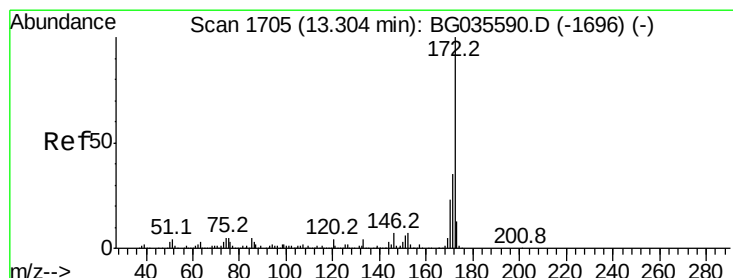
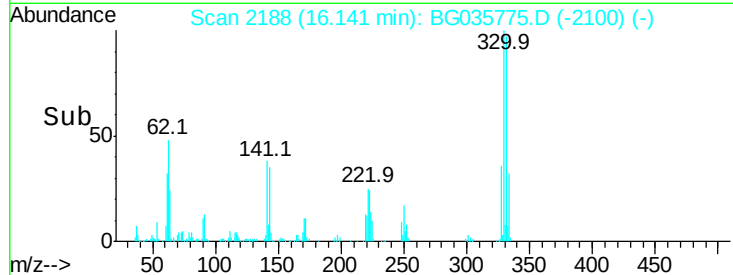
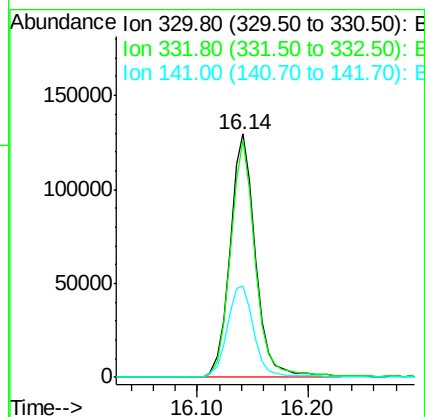
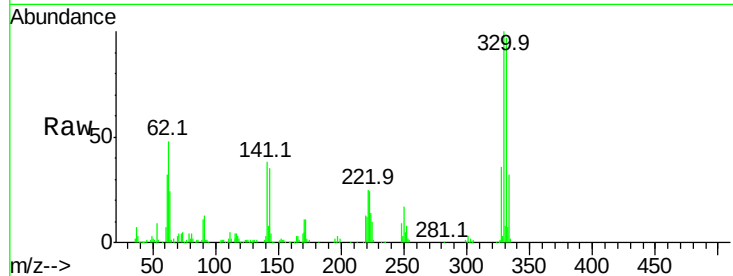




#41
 2,4,6-Tribromophenol
 Concen: 151.698 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

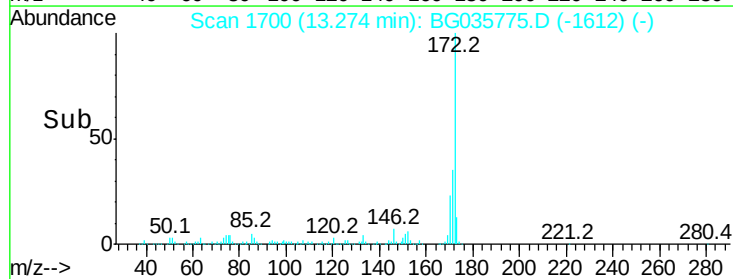
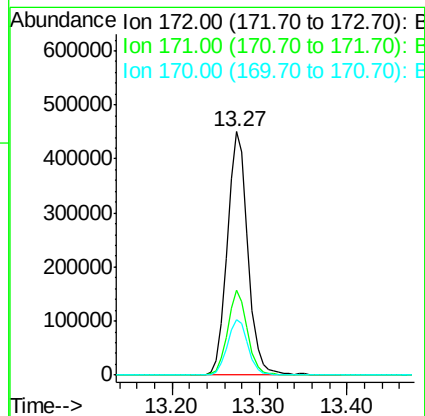
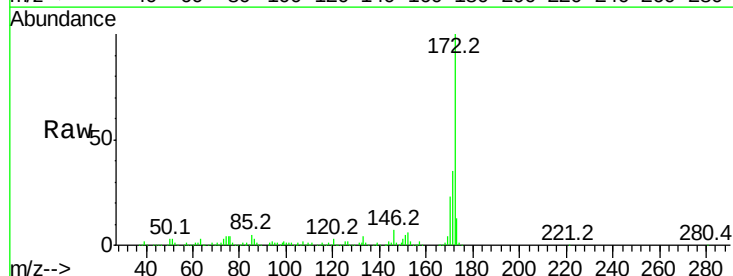
Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-2

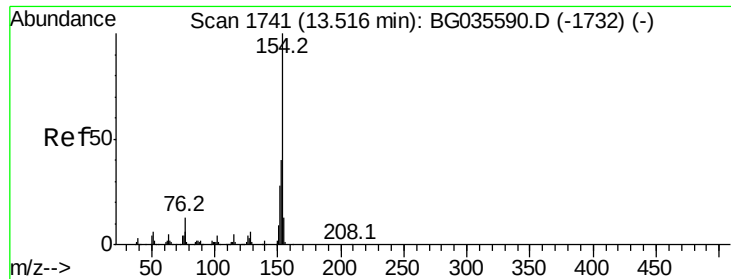
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	39.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 93.337 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.8	19.5	29.3





#45

1,1'-Biphenyl

Concen: 0.138 ng

RT: 13.49 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

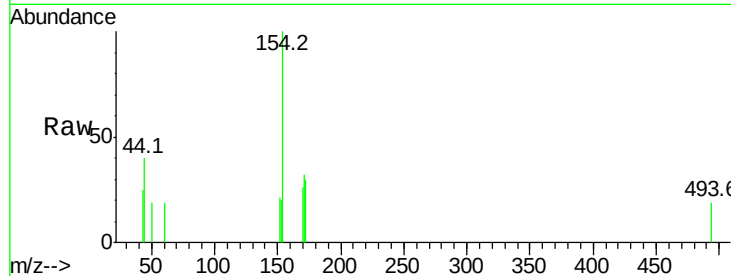
Tot Ion:154 Resp: 1120

Ion Ratio Lower Upper

154 100

153 19.6 19.8 59.8#

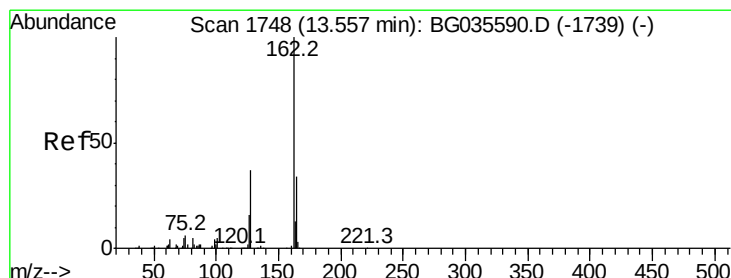
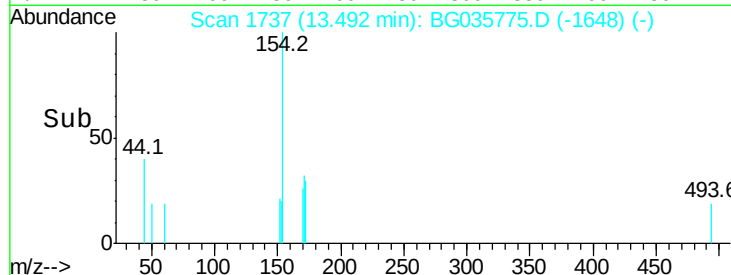
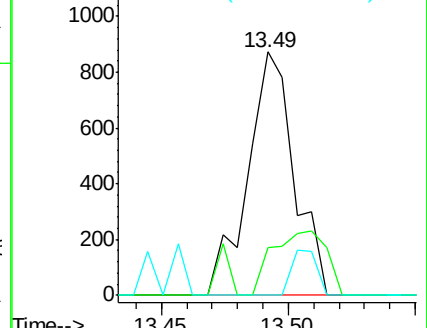
76 0.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 0.015 ng

RT: 13.70 min Scan# 1773

Delta R.T. 0.16 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

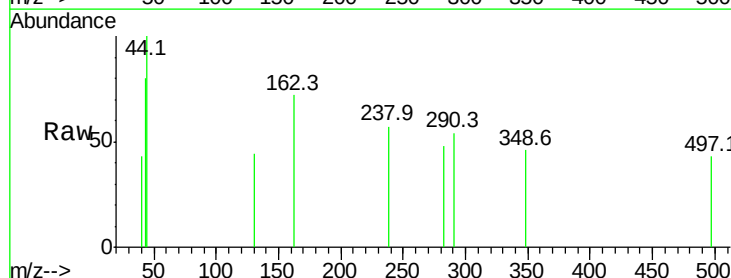
Tgt Ion:162 Resp: 92

Ion Ratio Lower Upper

162 100

127 0.0 30.7 46.1#

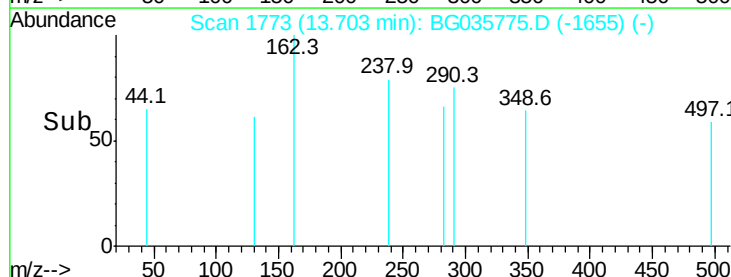
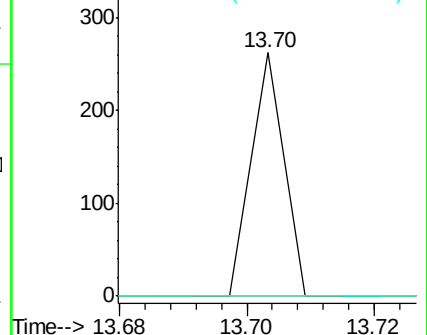
164 0.0 26.0 39.0#

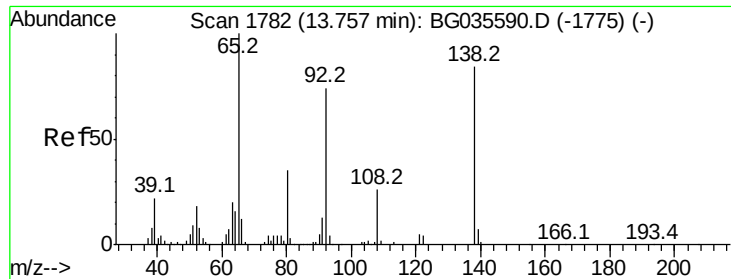


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

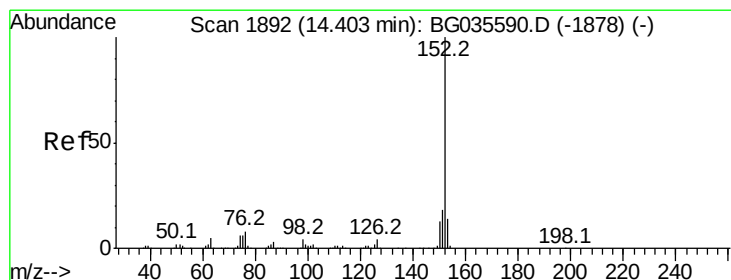
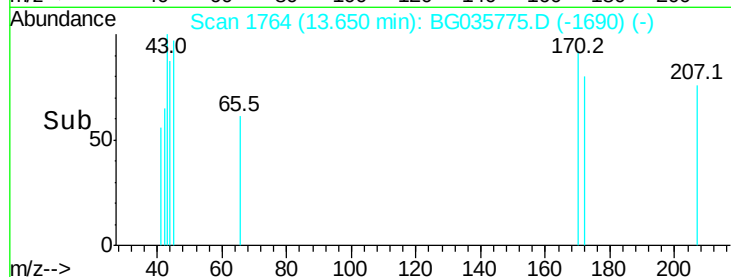
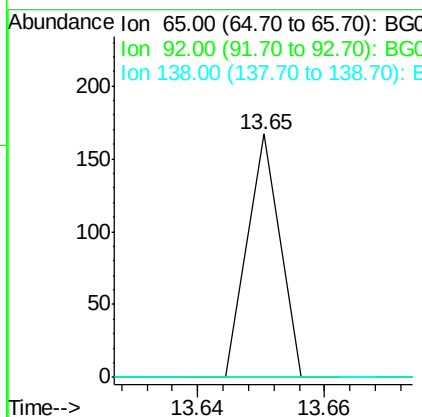
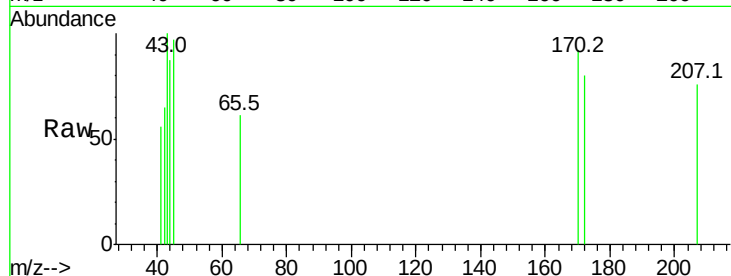




#47
2-Nitroaniline
Concen: 0.027 ng
RT: 13.65 min Scan# 1764
Delta R.T. -0.09 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

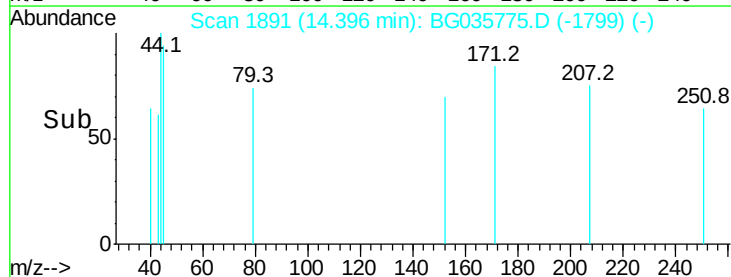
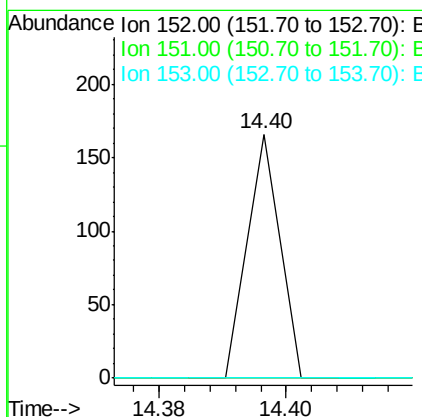
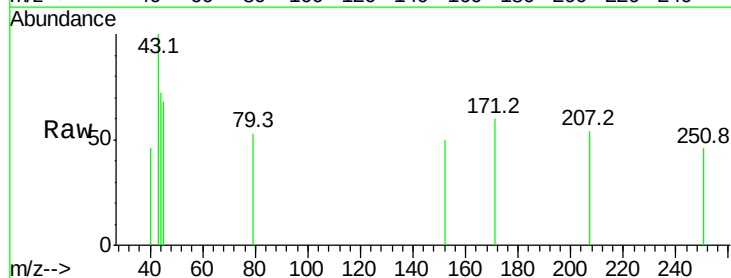
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

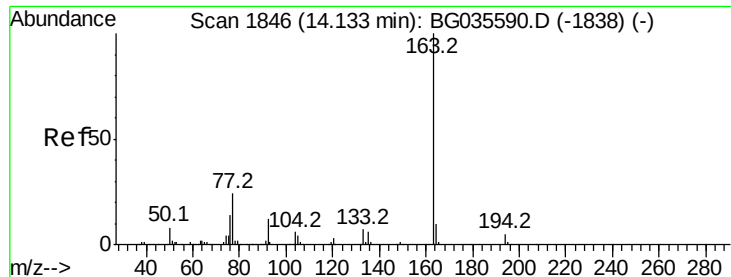
Tot Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#



#48
Acenaphthylene
Concen: 0.006 ng
RT: 14.40 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion: 152 Resp: 59
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.2 15.4#





#49

Dimethylphthalate

Concen: 2.757 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

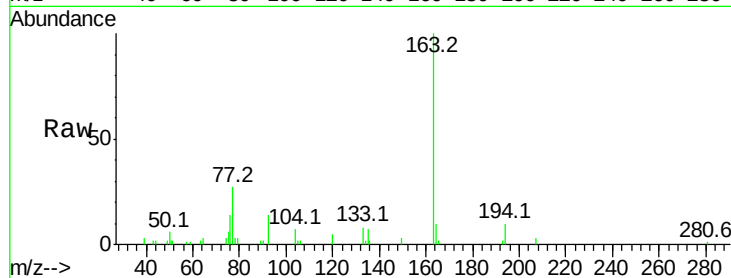
Tot Ion:163 Resp: 25200

Ion Ratio Lower Upper

163 100

194 9.5 3.4 5.2#

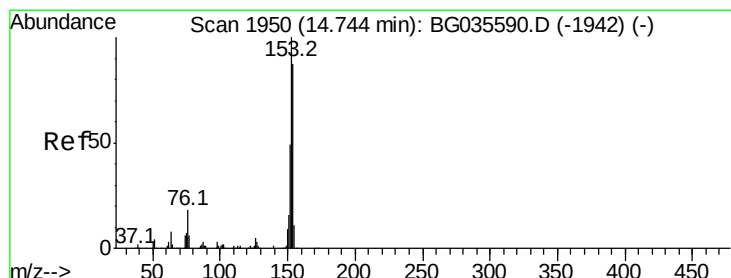
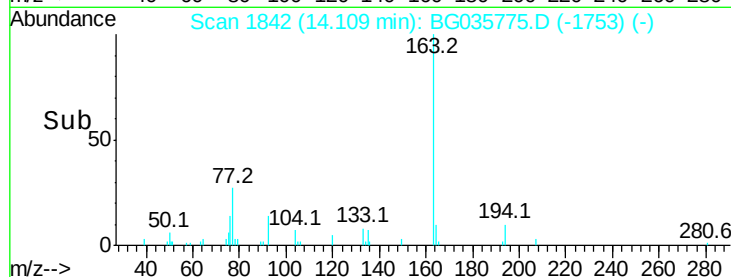
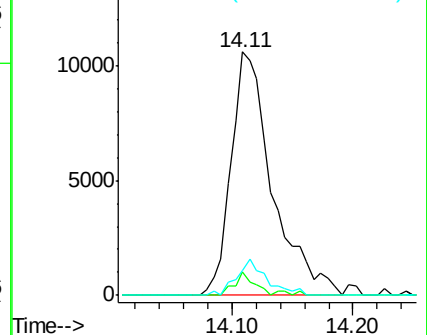
164 10.4 8.2 12.4



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



#51

Acenaphthene

Concen: 0.082 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

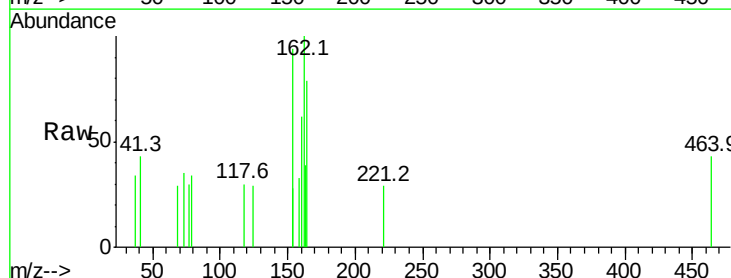
Tgt Ion:154 Resp: 540

Ion Ratio Lower Upper

154 100

153 30.2 90.4 135.6#

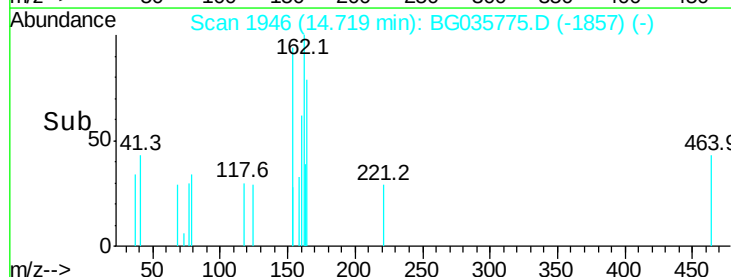
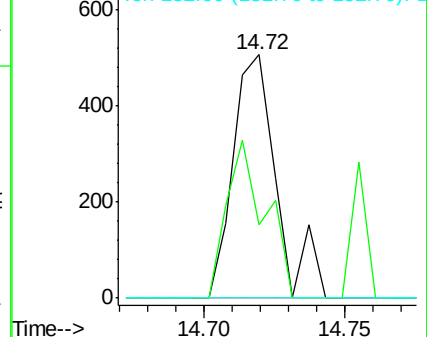
152 0.0 41.6 62.4#

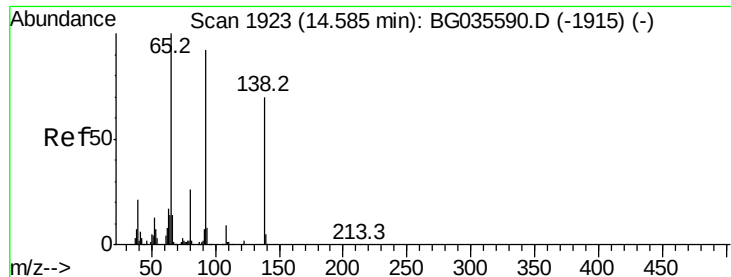


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.042 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.20 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

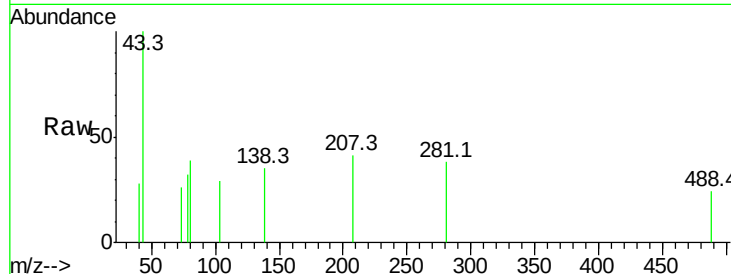
Tot Ion:138 Resp: 79

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

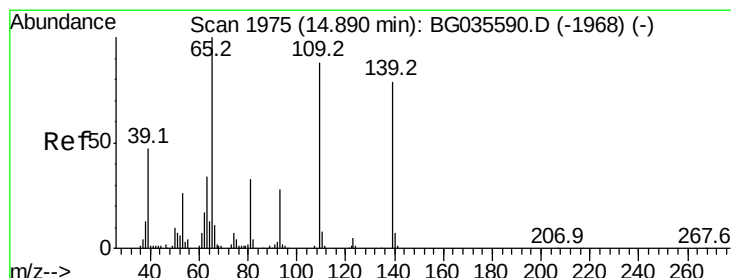
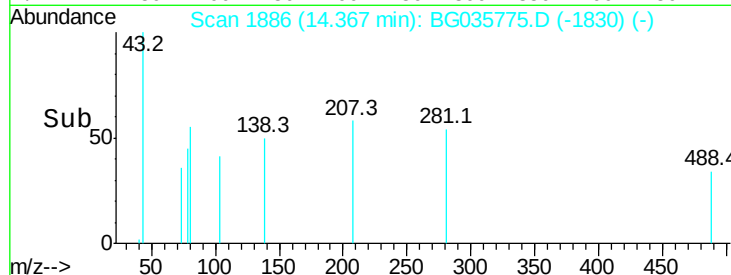
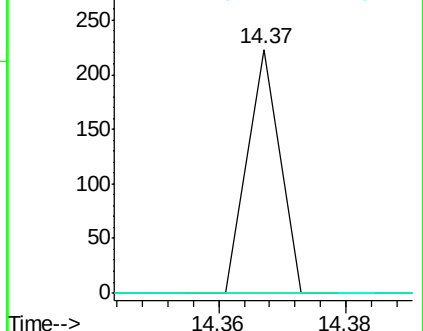
92 0.0 105.8 158.8#



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): BGC



#55

4-Nitrophenol

Concen: 0.042 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.19 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

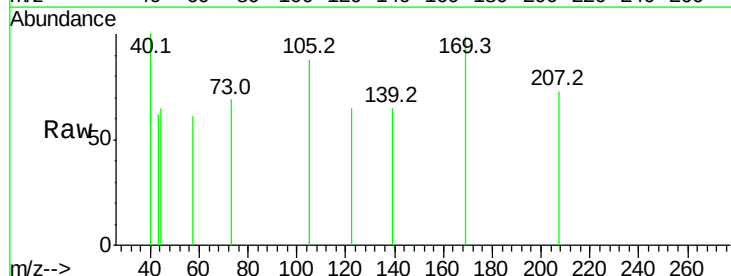
Tgt Ion:139 Resp: 57

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

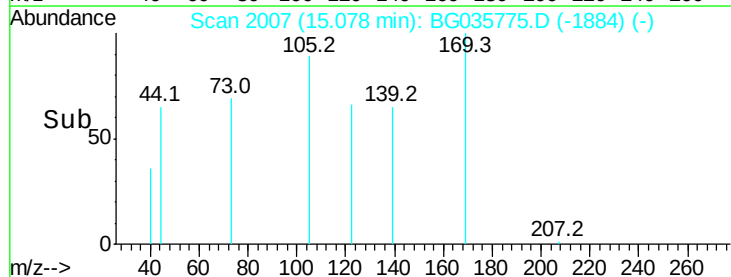
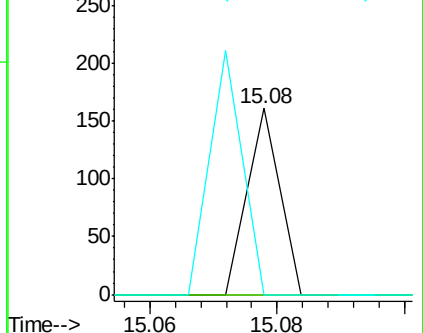
65 0.0 97.2 137.2#

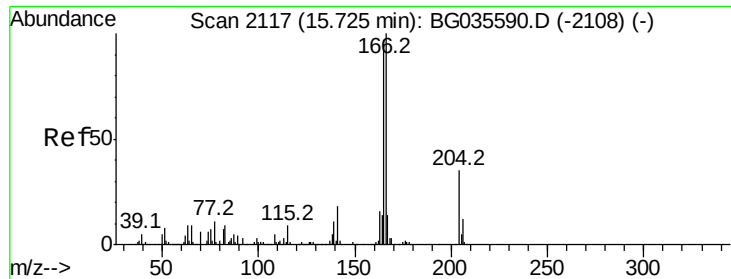


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

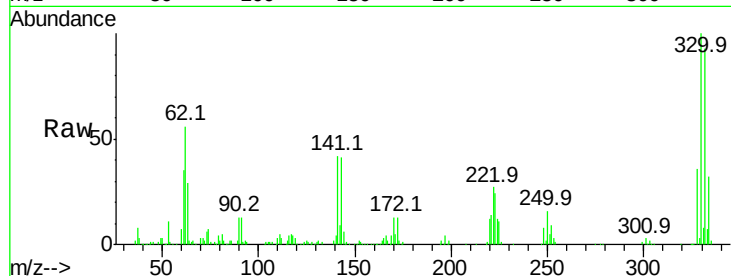




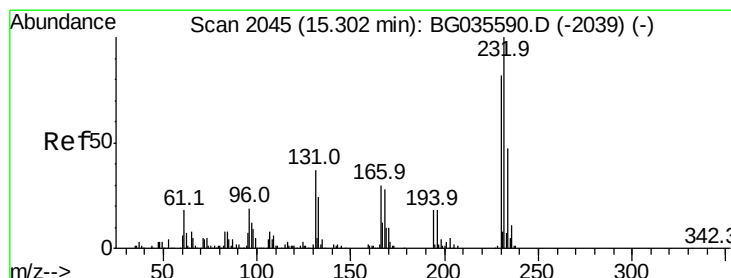
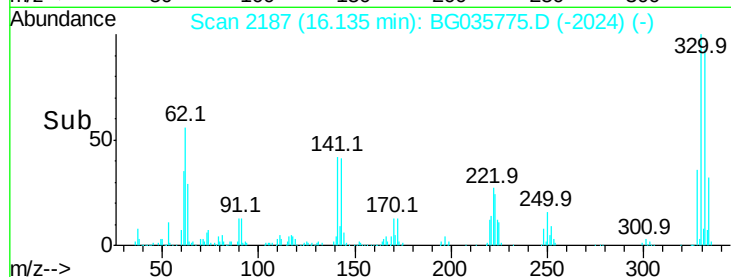
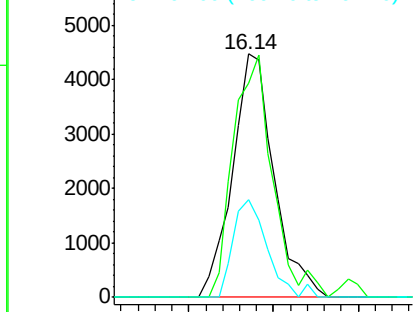
#57
Fluorene
Concen: 0.871 ng
RT: 16.14 min Scan# 2187
Delta R.T. 0.43 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Tot Ion:166 Resp: 7626
Ion Ratio Lower Upper
166 100
165 87.8 80.6 121.0
167 40.1 10.4 15.6#

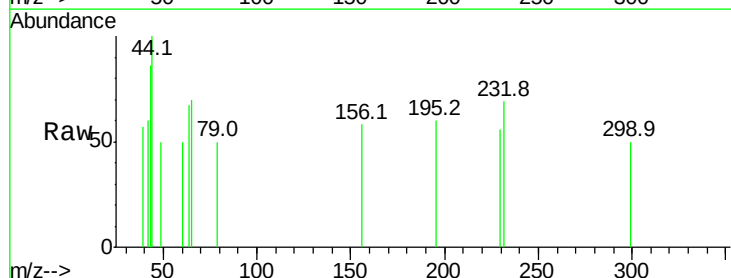


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

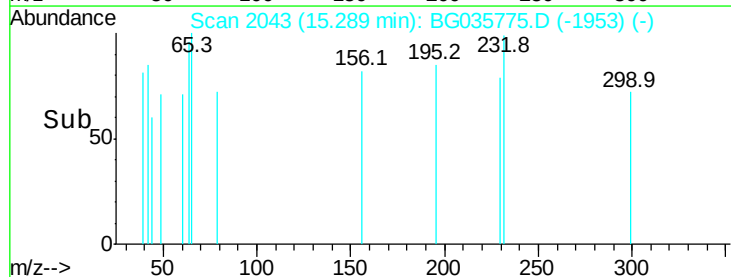
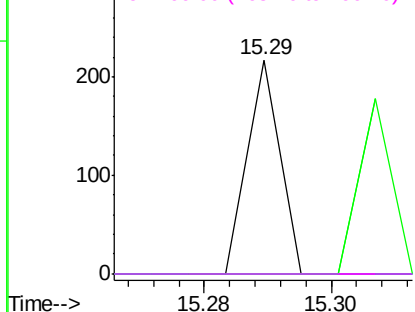


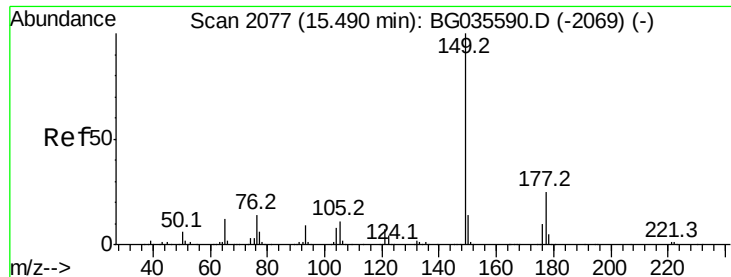
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.031 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:232 Resp: 76
Ion Ratio Lower Upper
232 100
131 82.9 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

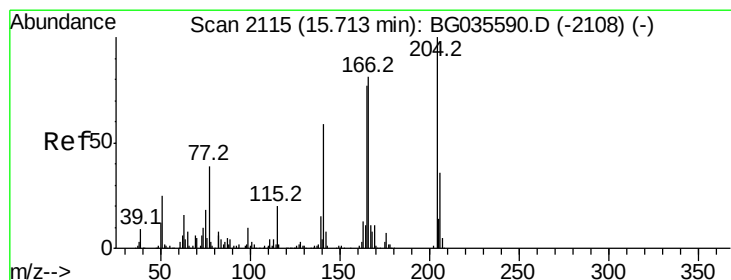
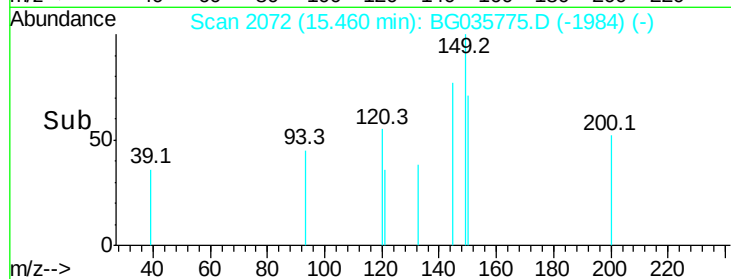
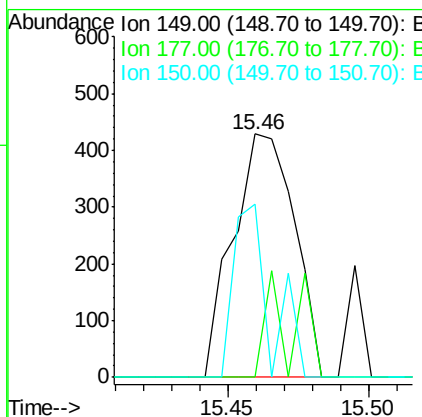
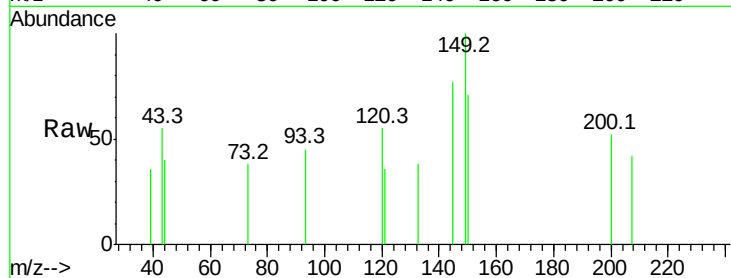




#59
Diethylphthalate
Concen: 0.069 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

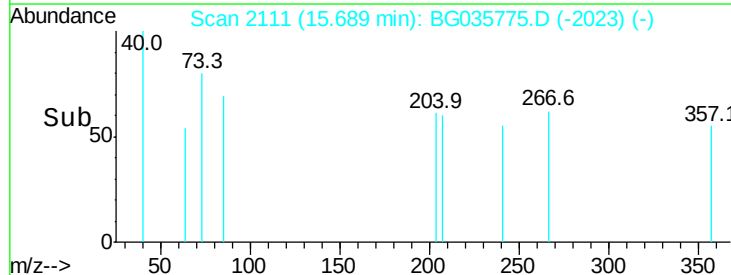
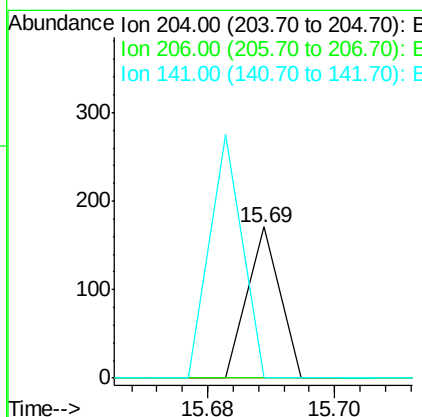
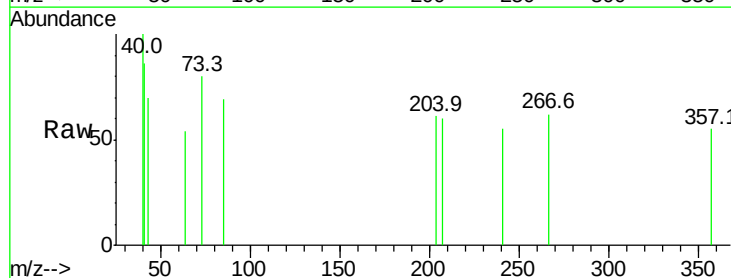
Instrument :
BNA_G
ClientSampled :
LS-SOIL-2

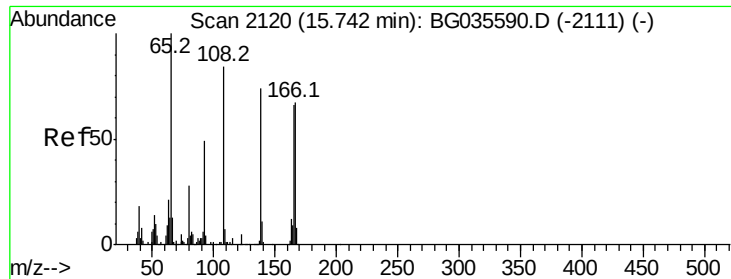
Tot Ion:149 Resp: 646
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 71.3 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:204 Resp: 60
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 45.8 68.6#

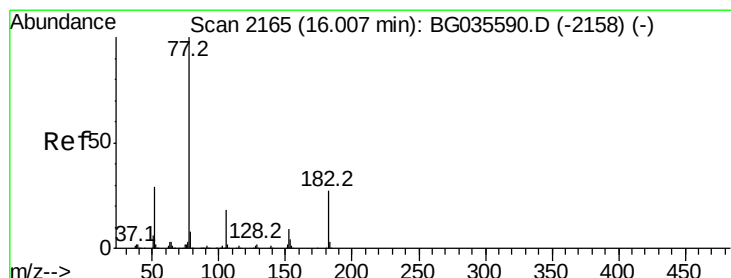
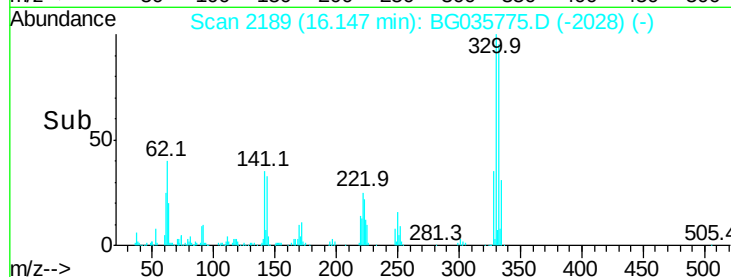
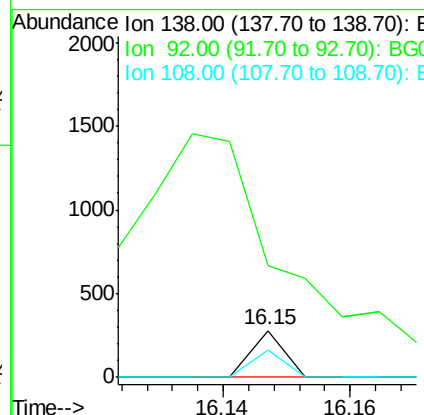
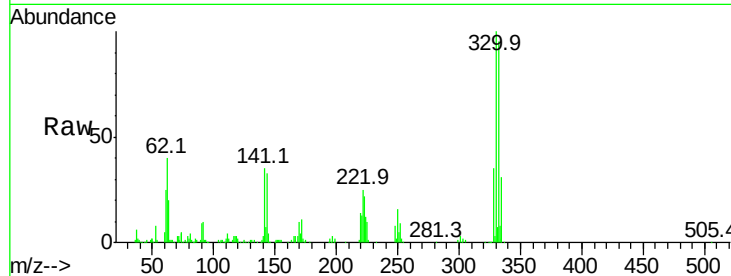




#61
4-Nitroaniline
Concen: 0.049 ng
RT: 16.15 min Scan# 2189
Delta R.T. 0.42 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

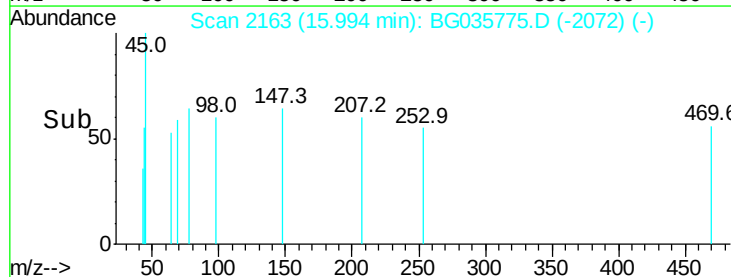
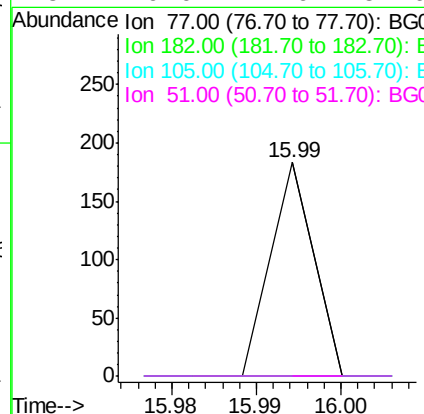
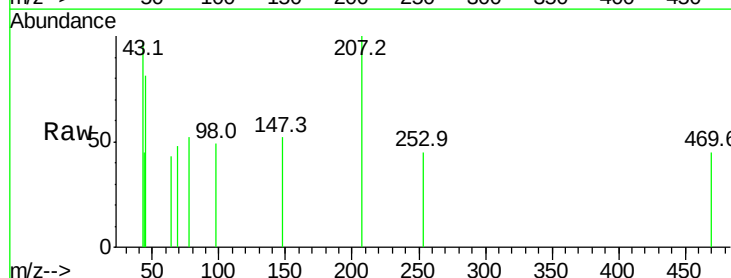
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

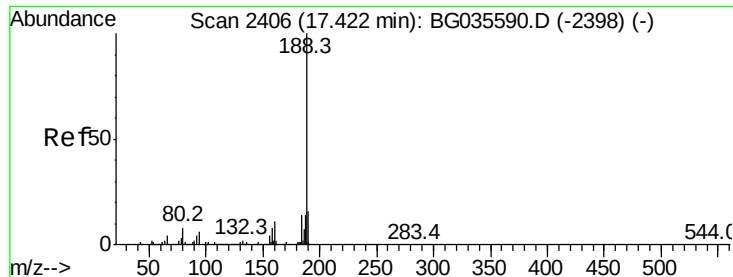
Tot Ion:138 Resp: 98
Ion Ratio Lower Upper
138 100
92 241.0 40.1 80.1#
108 59.7 65.4 105.4#



#62
Azobenzene
Concen: 0.007 ng
RT: 15.99 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

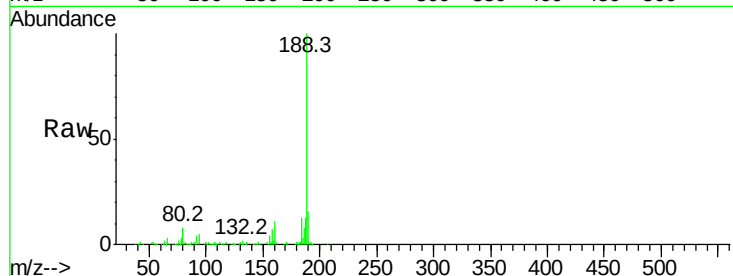
Tot Ion:188 Resp: 295836

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

17.40

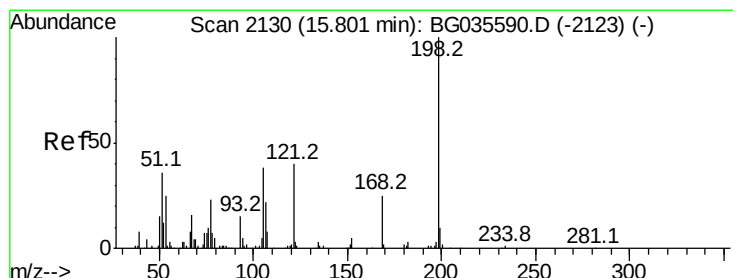
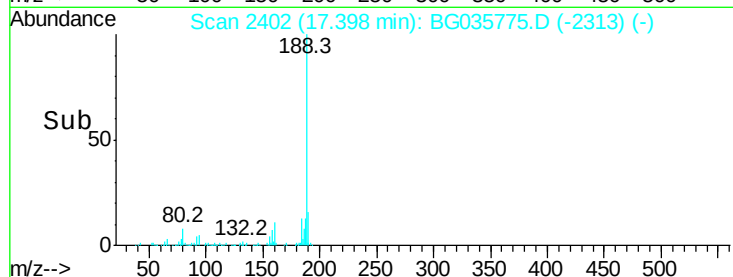
150000

100000

50000

0

Time--> 17.30 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 0.038 ng

RT: 15.57 min Scan# 2090

Delta R.T. -0.22 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

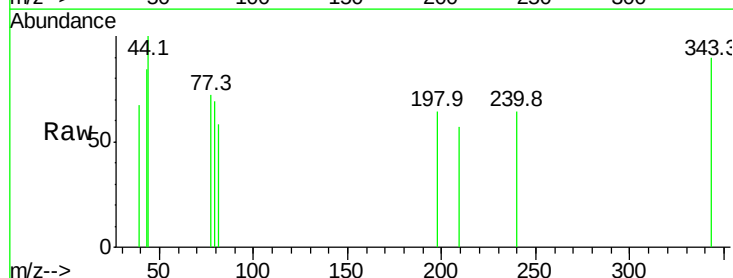
Tgt Ion:198 Resp: 63

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

15.57

250

200

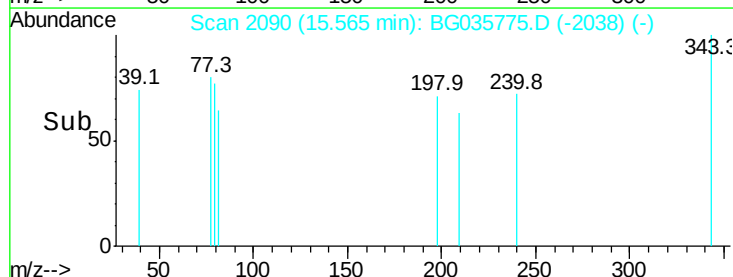
150

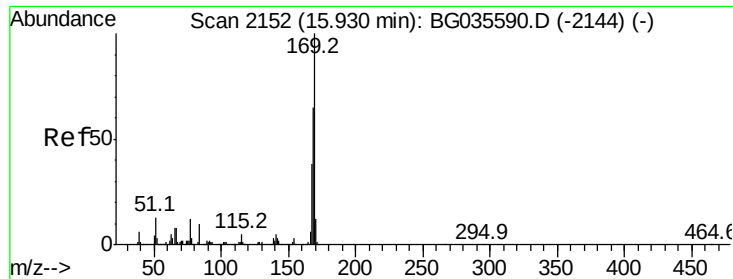
100

50

0

Time--> 15.56 15.58





#65

n-Nitrosodiphenylamine

Concen: 0.899 ng

RT: 16.14 min Scan# 2187

Delta R.T. 0.22 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

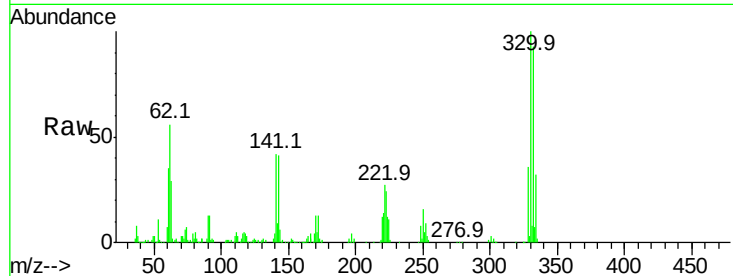
Tot Ion:169 Resp: 7574

Ion Ratio Lower Upper

169 100

168 10.5 55.7 83.5#

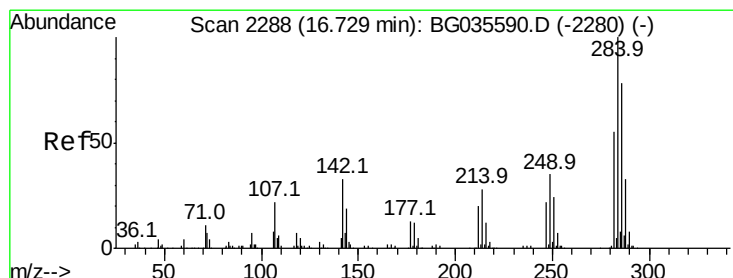
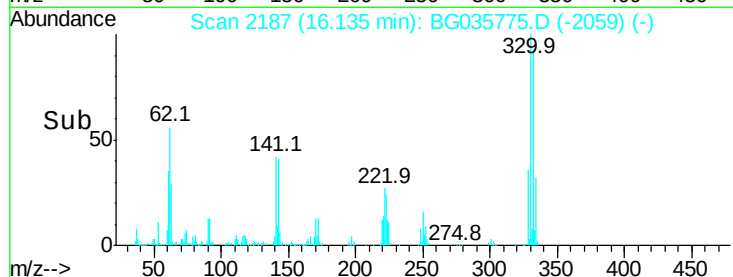
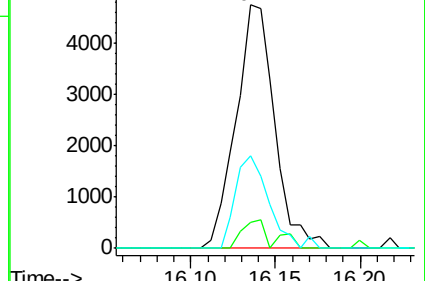
167 37.9 30.1 45.1



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

Hexachlorobenzene

Concen: 0.017 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.33 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

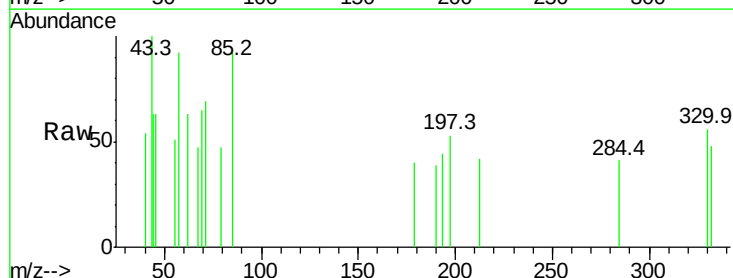
Tgt Ion:284 Resp: 59

Ion Ratio Lower Upper

284 100

142 0.0 26.8 40.2#

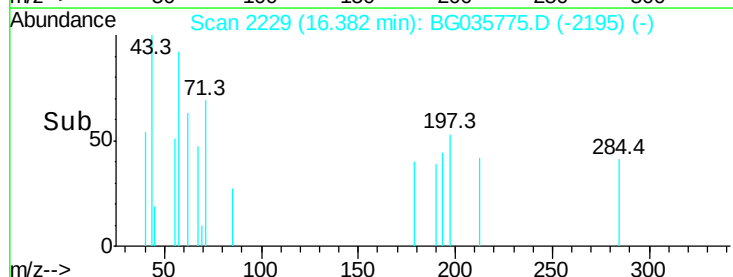
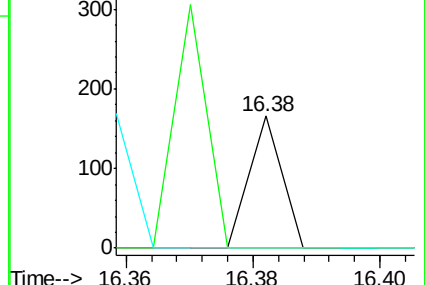
249 0.0 26.3 39.5#

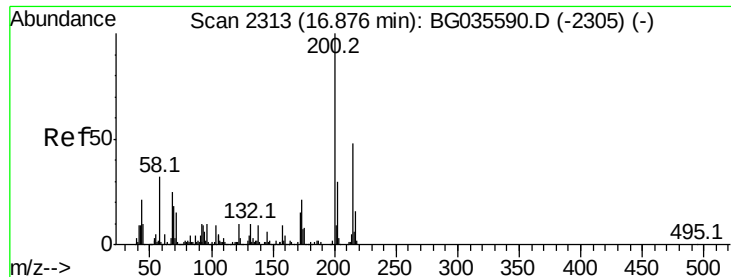


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

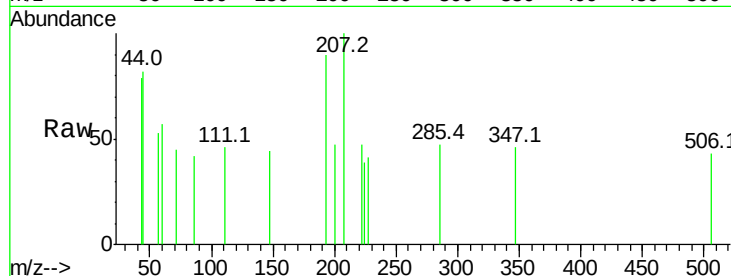




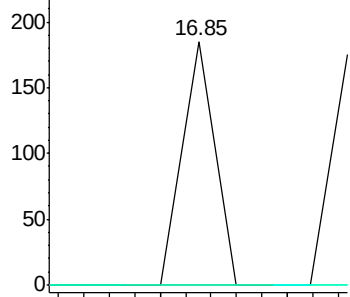
#68
Atrazine
Concen: 0.019 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Instrument :
BNA_G
ClientSampled :
LS-SOIL-2

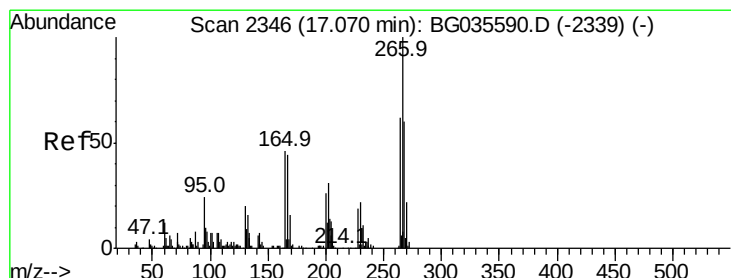
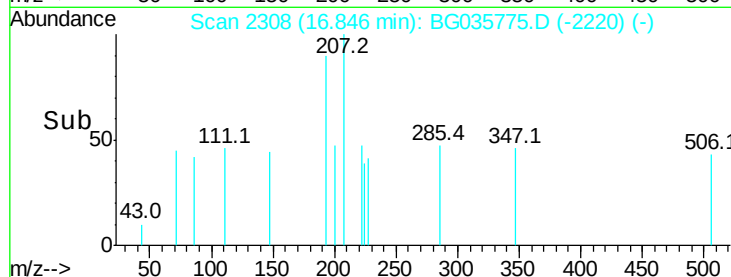
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#



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

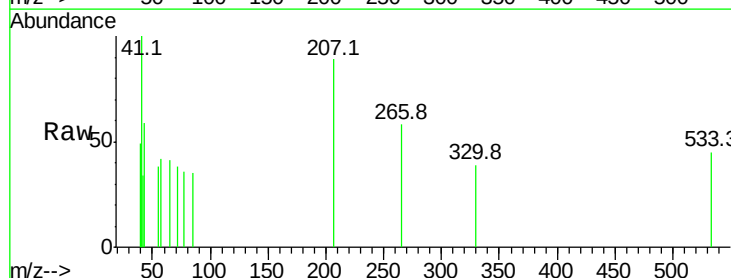


Time-->

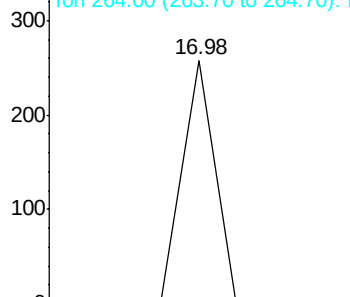


#69
Pentachlorophenol
Concen: 0.042 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.08 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

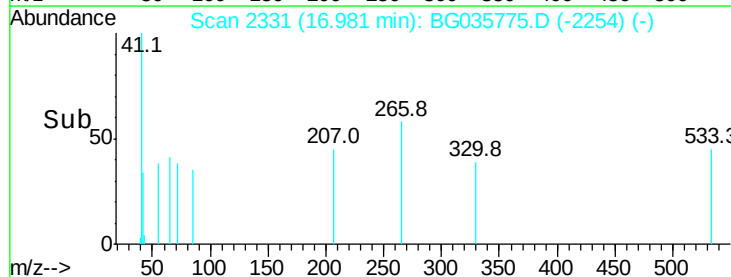
Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#

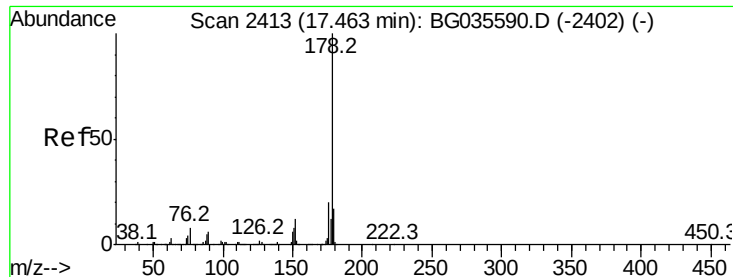


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#70

Phenanthrene

Concen: 0.031 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

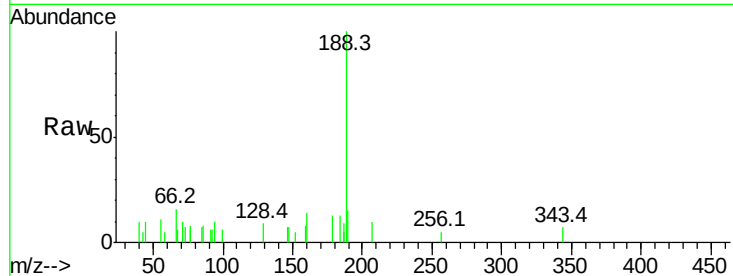
Tot Ion:178 Resp: 460

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 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

17.44

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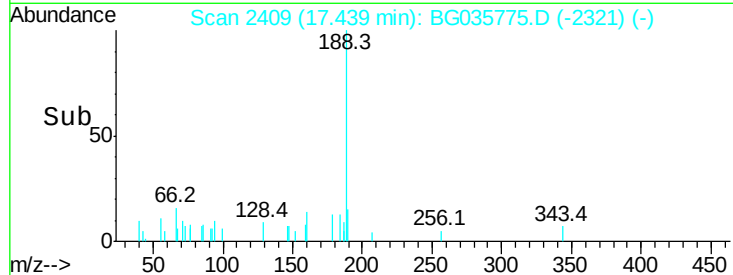
17.44

17.44

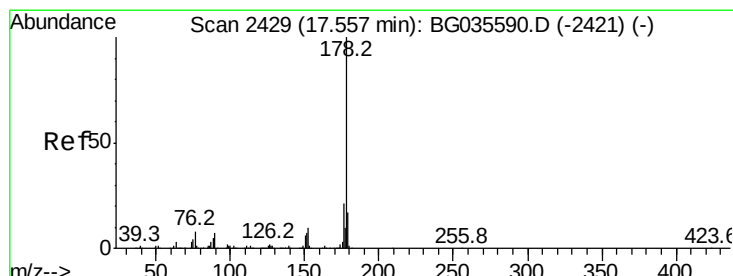
17.44

17.44

17.44



Time-->



#71

Anthracene

Concen: 0.006 ng

RT: 17.55 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

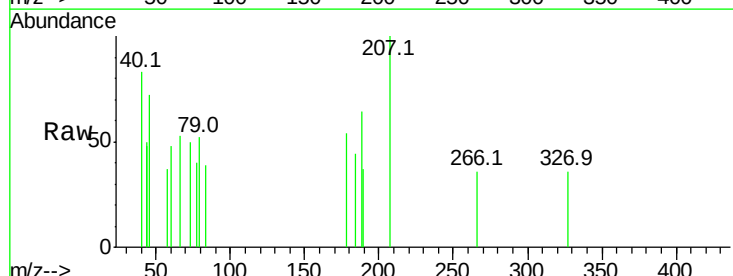
Tgt Ion:178 Resp: 81

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 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

17.55

17.55

17.55

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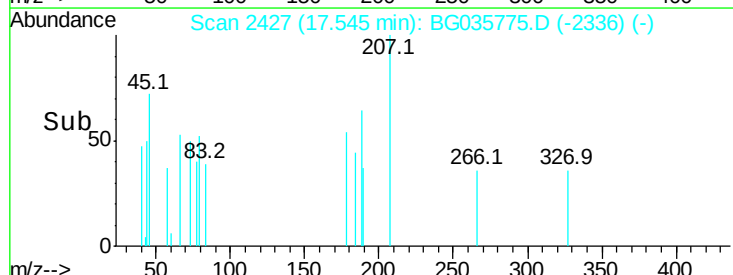
17.55

17.55

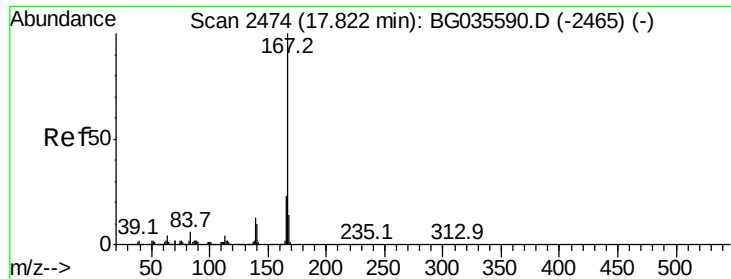
17.55

17.55

17.55



Time-->



#72

Carbazole

Concen: 0.010 ng

RT: 17.79 min Scan# 2468

Delta R.T. -0.02 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

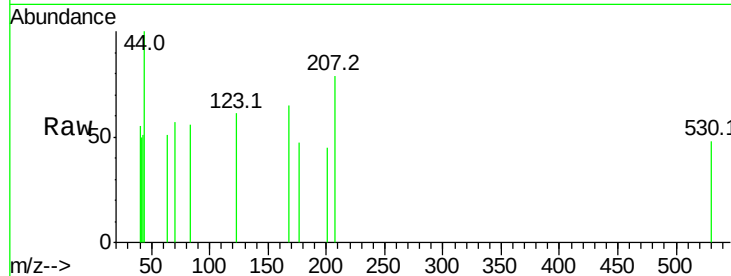
Tot Ion:167 Resp: 139

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

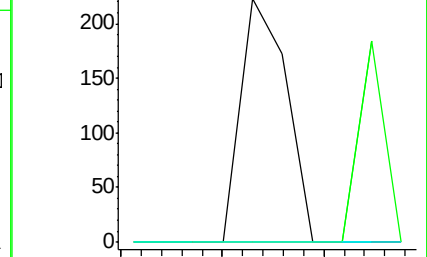
139 0.0 9.4 14.2#



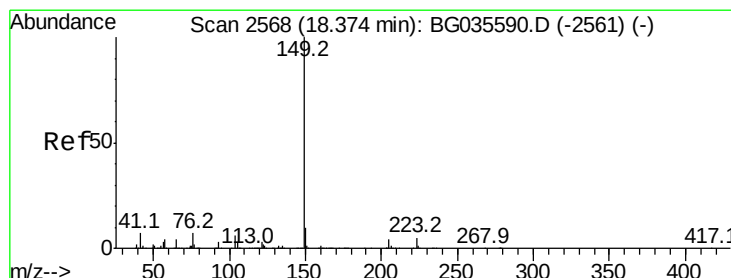
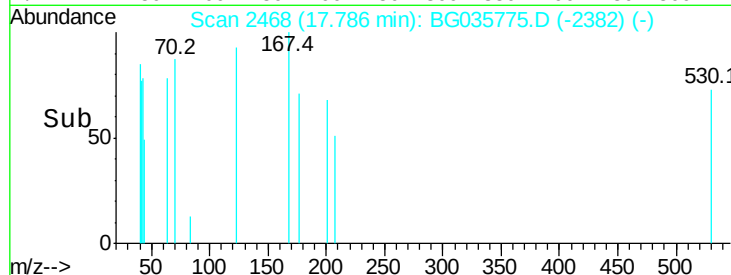
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.76 17.78 17.80



#73

Di-n-butylphthalate

Concen: 0.145 ng

RT: 18.36 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

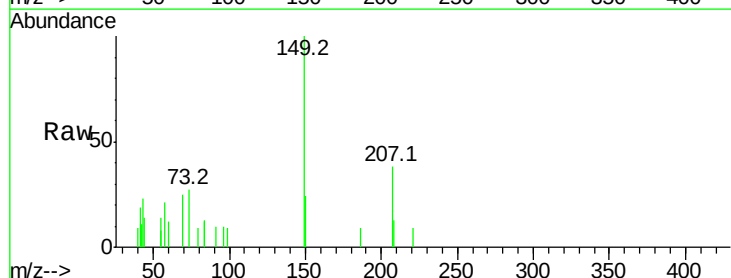
Tgt Ion:149 Resp: 2398

Ion Ratio Lower Upper

149 100

150 23.9 7.8 11.6#

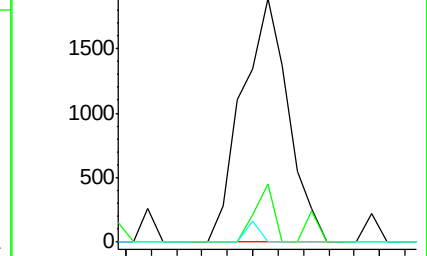
104 0.0 3.9 5.9#



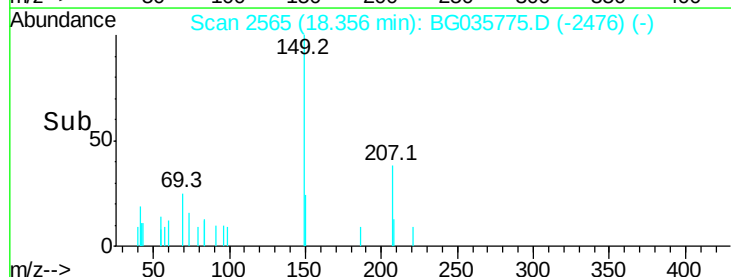
Abundance Ion 149.00 (148.70 to 149.70): E

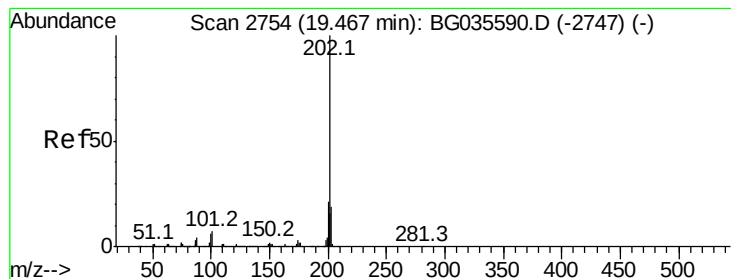
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.35 18.40





#74

Fluoranthene

Concen: 0.021 ng

RT: 19.45 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

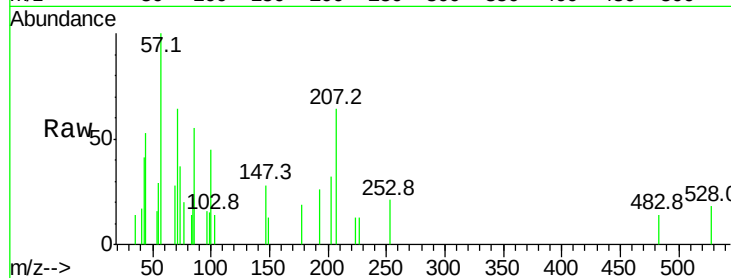
Tot Ion:202 Resp: 425

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

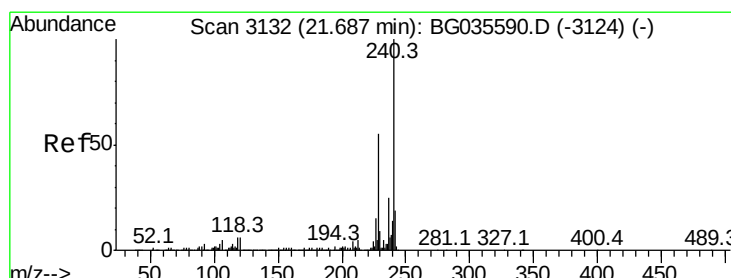
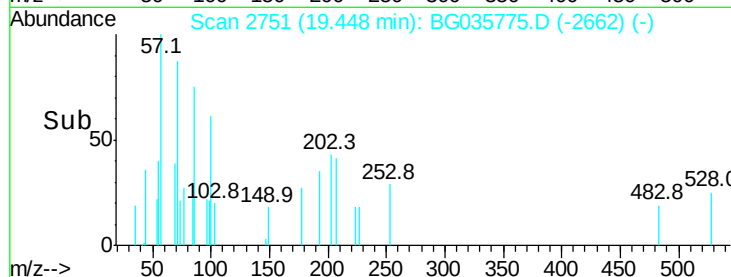
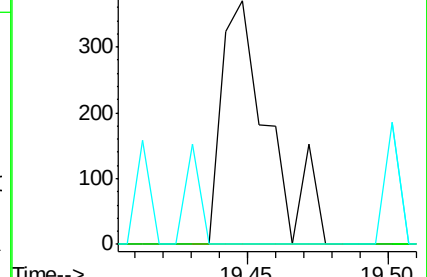
203 0.0 0.0 37.5



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: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

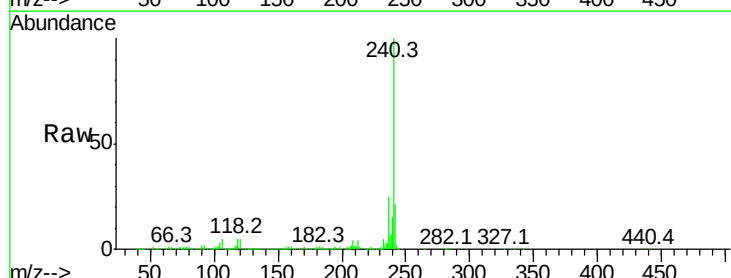
Tgt Ion:240 Resp: 387734

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

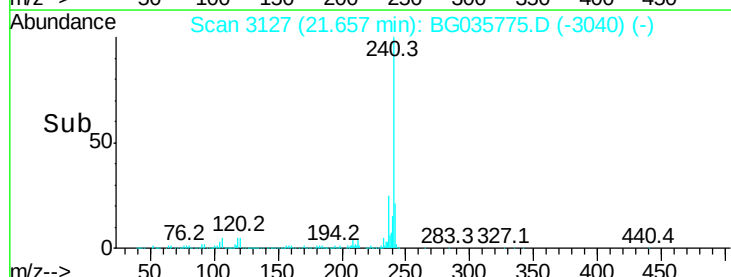
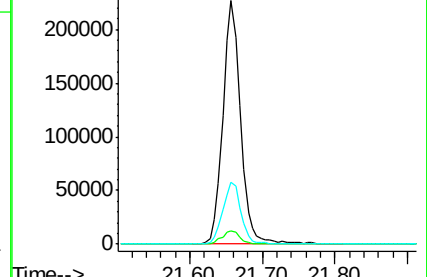
236 25.3 20.9 31.3

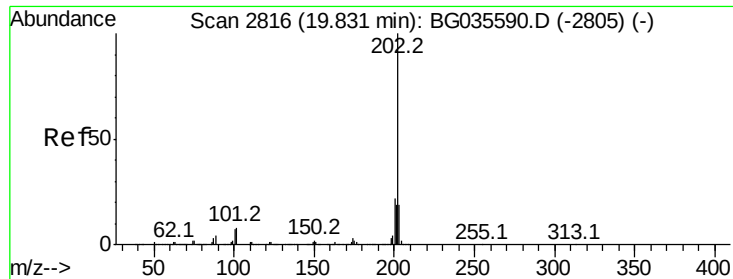


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

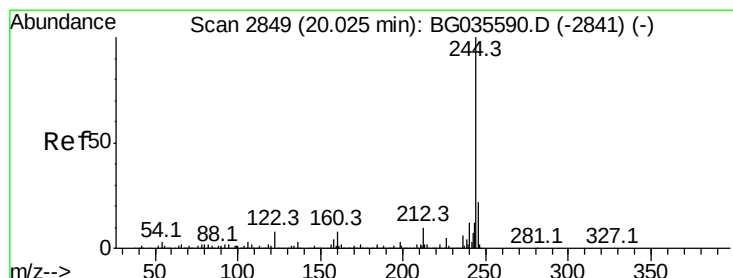
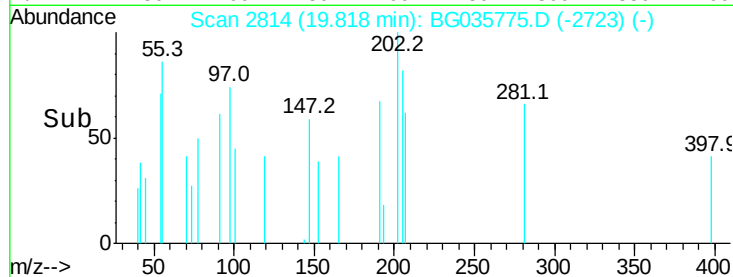
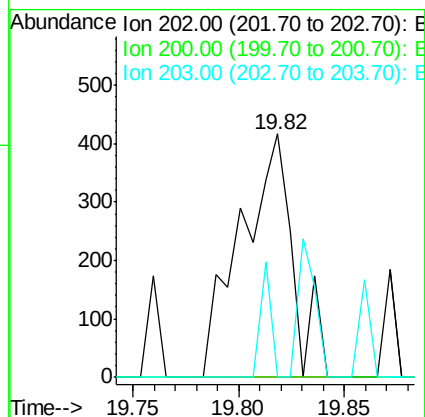
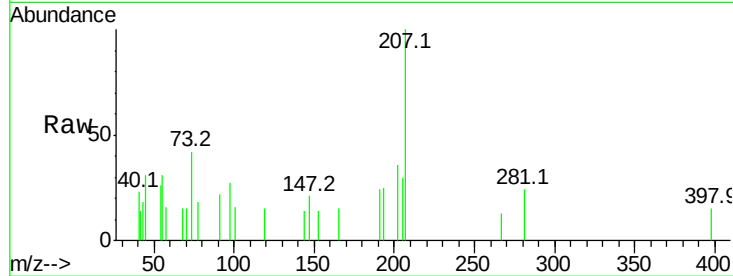




#77
Pvrene
Concen: 0.029 ng
RT: 19.82 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

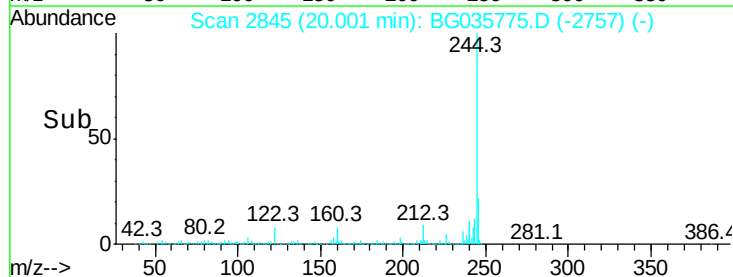
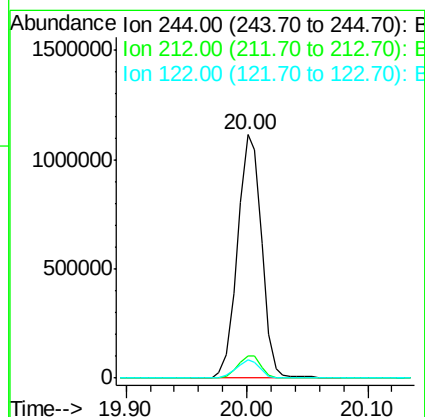
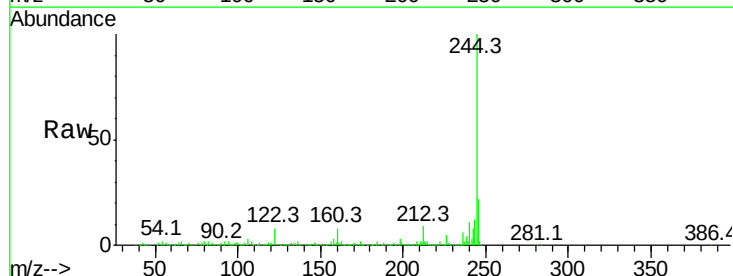
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

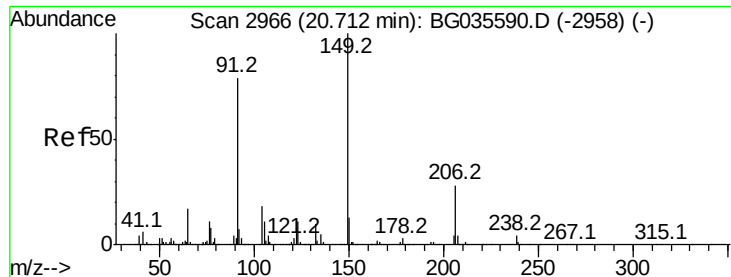
Tot Ion:202 Resp: 716
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 13.9 20.9#



#78
Terphenyl-d14
Concen: 88.229 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG035775.D
Acq: 20 Jul 2018 8:28

Tgt Ion:244 Resp: 1551935
Ion Ratio Lower Upper
244 100
212 9.4 5.8 8.8#
122 7.6 7.0 10.4





#79

Butylbenzylphthalate

Concen: 0.056 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampled :

LS-SOIL-2

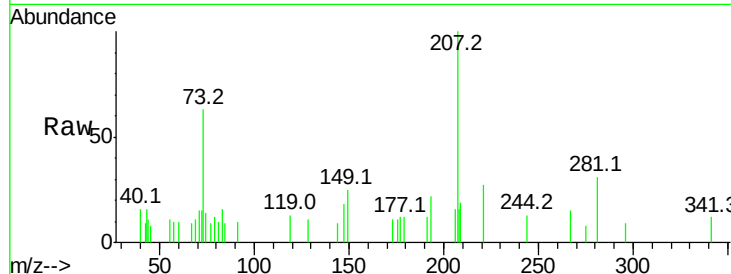
Tot Ion:149 Resp: 494

Ion Ratio Lower Upper

149 100

91 40.3 62.2 93.2#

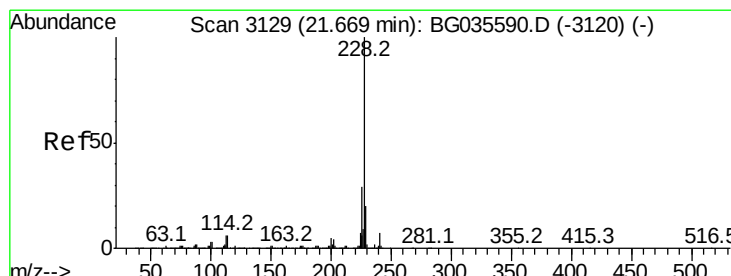
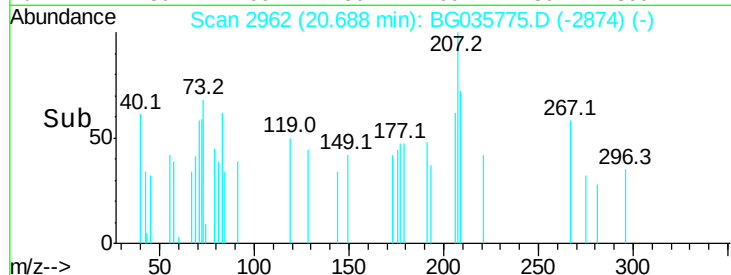
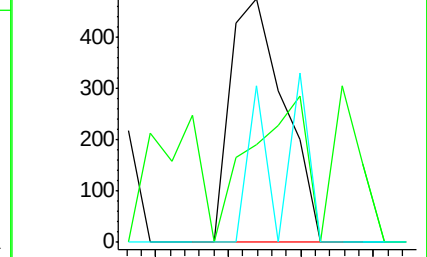
206 64.1 18.6 27.8#



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



#80

Benzo(a)anthracene

Concen: 0.082 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

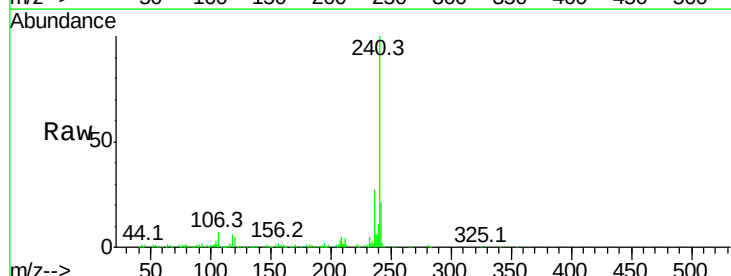
Tgt Ion:228 Resp: 1987

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

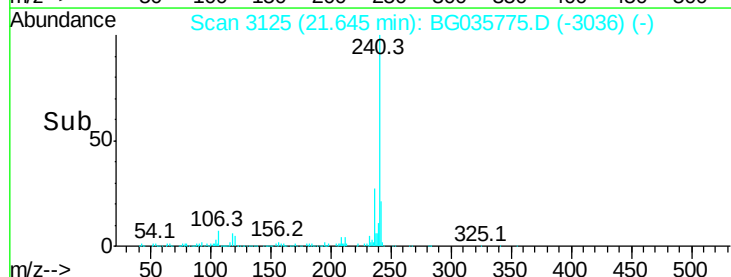
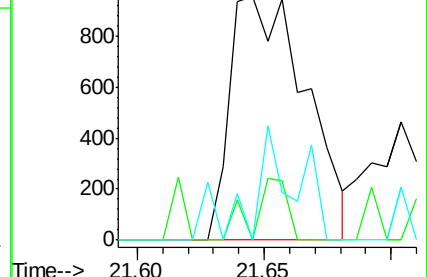
229 0.0 16.2 24.2#

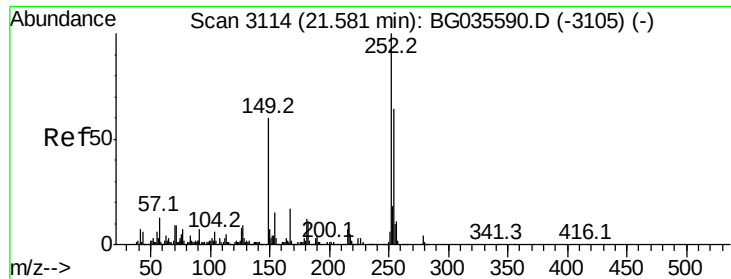


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

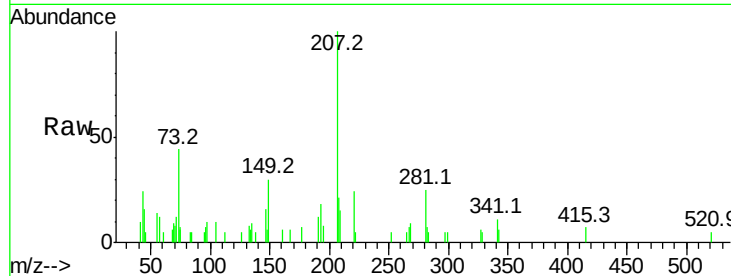




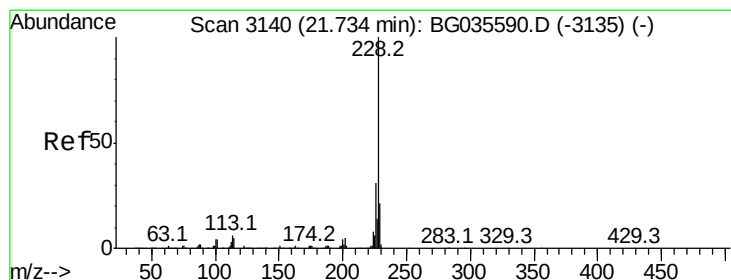
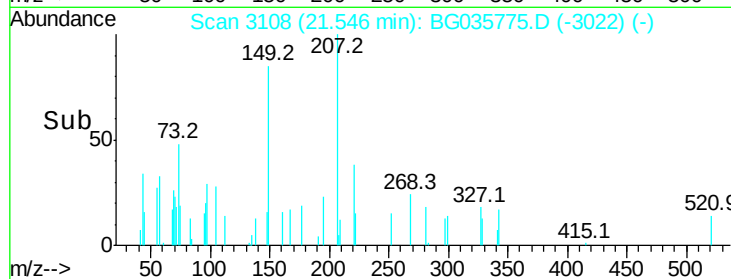
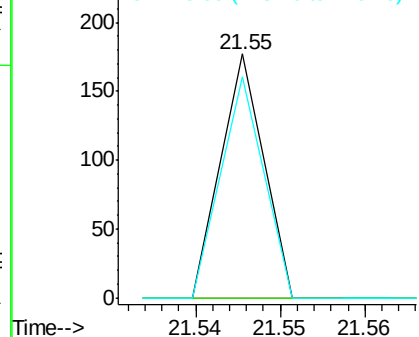
#81
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

Tot Ion:252 Resp: 62
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 91.0 7.4 11.2#

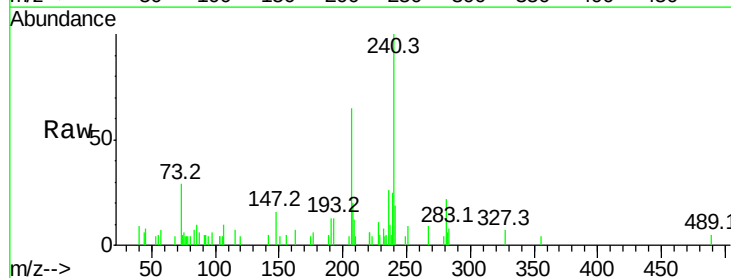


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

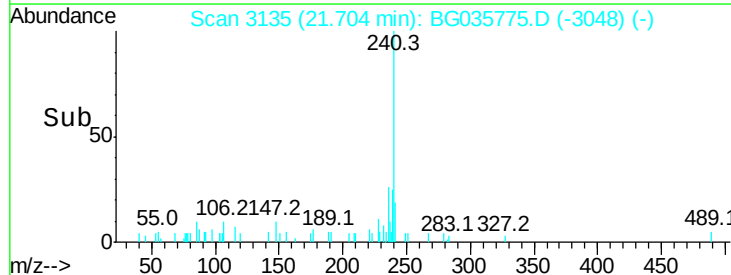
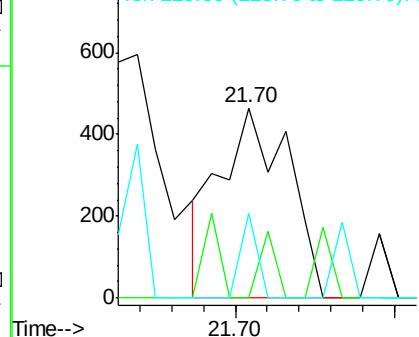


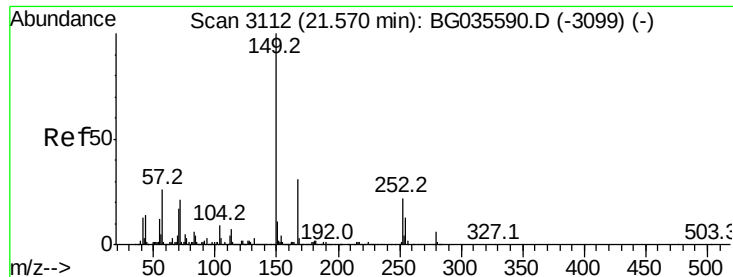
#82
 Chrysene
 Concen: 0.031 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

Tgt Ion:228 Resp: 691
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 44.7 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: 0.159 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

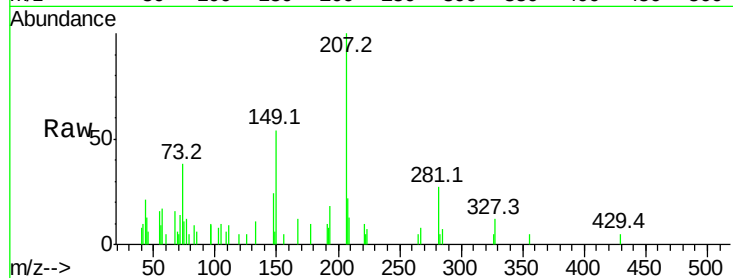
Tot Ion:149 Resp: 1893

Ion Ratio Lower Upper

149 100

167 23.0 24.3 36.5#

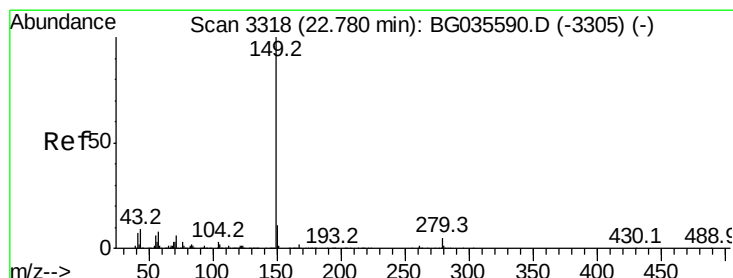
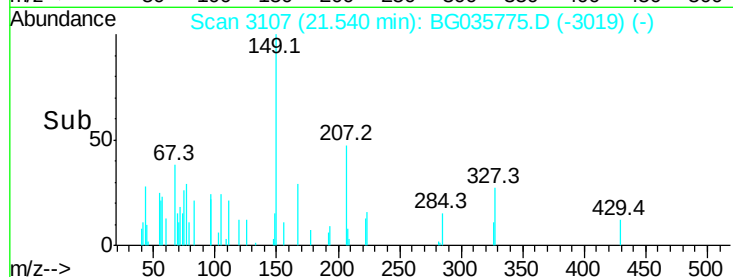
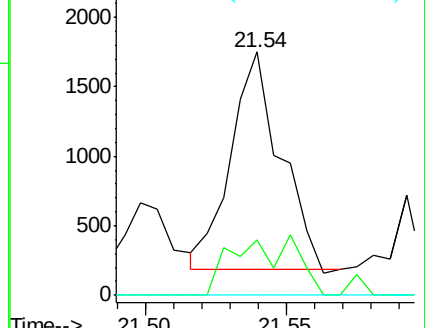
279 0.0 4.0 6.0#



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: 0.057 ng

RT: 22.74 min Scan# 3312

Delta R.T. -0.01 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

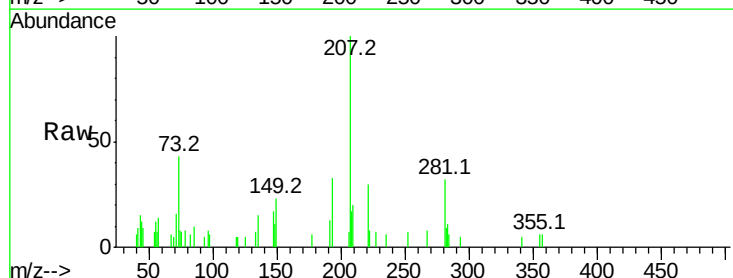
Tgt Ion:149 Resp: 1135

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

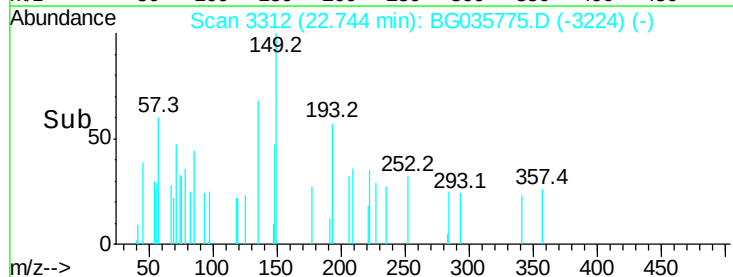
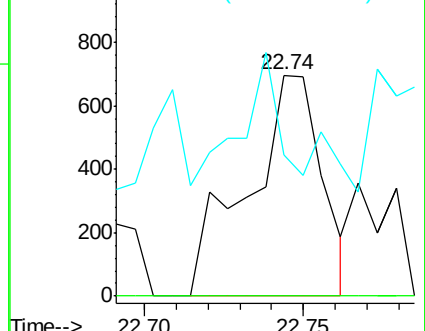
43 21.1 8.9 13.3#

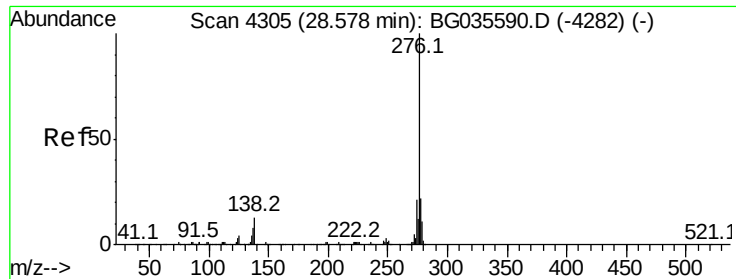


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

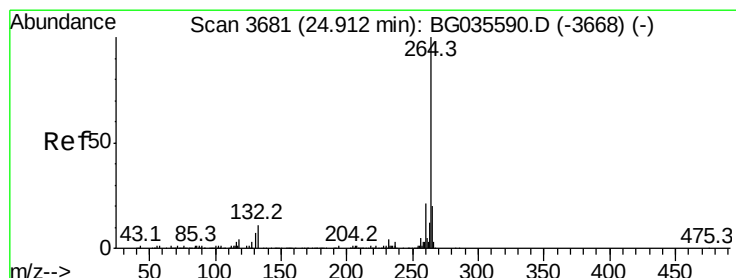
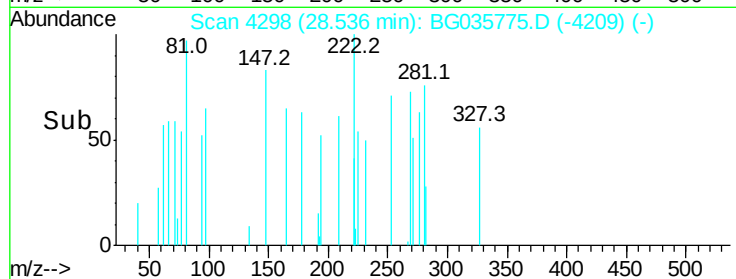
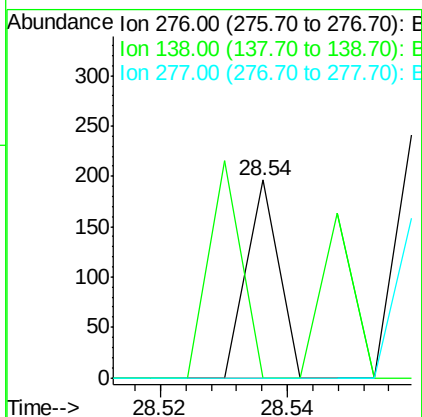
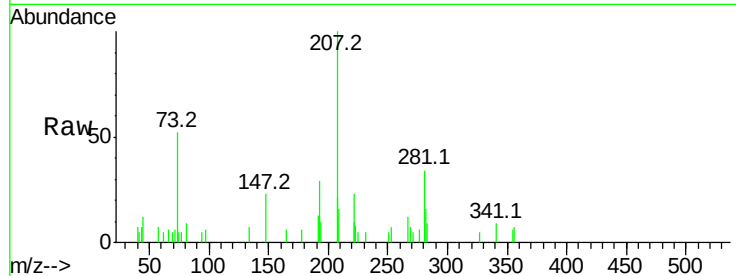




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.01 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

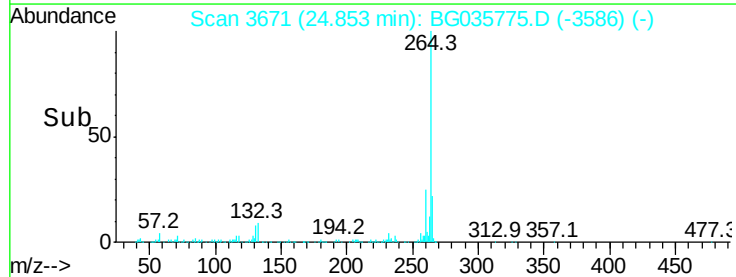
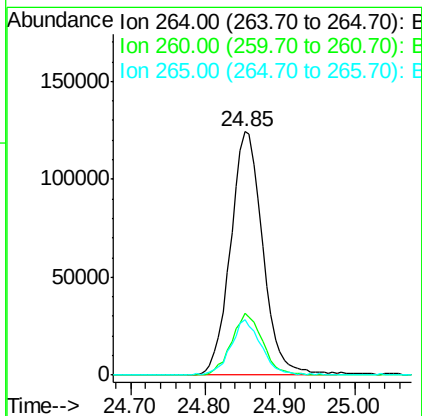
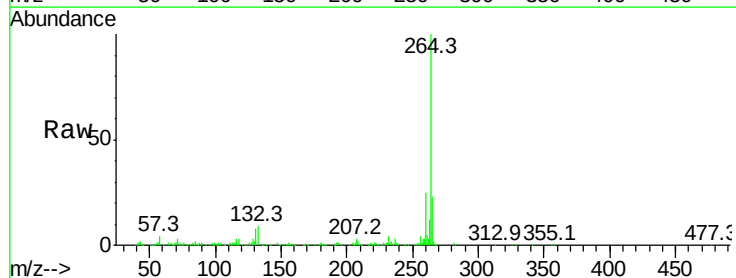
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

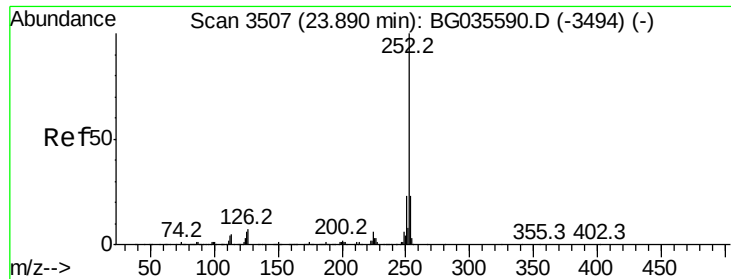
Tot Ion:276 Resp: 69
 Ion Ratio Lower Upper
 276 100
 138 110.1 16.0 24.0#
 277 0.0 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.03 min
 Lab File: BG035775.D
 Acq: 20 Jul 2018 8:28

Tgt Ion:264 Resp: 373430
 Ion Ratio Lower Upper
 264 100
 260 25.2 17.4 26.0
 265 22.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.03 min

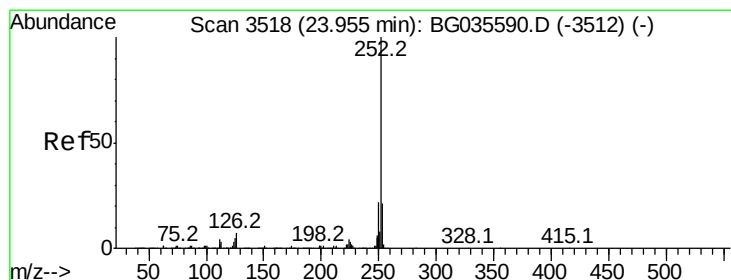
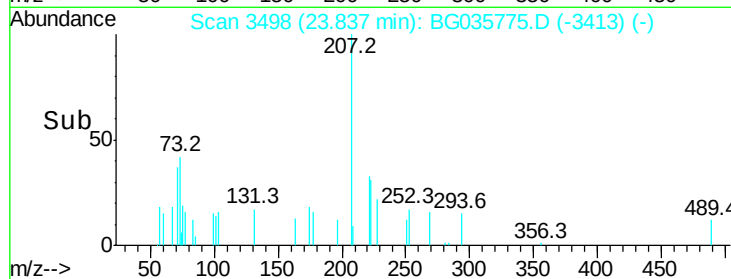
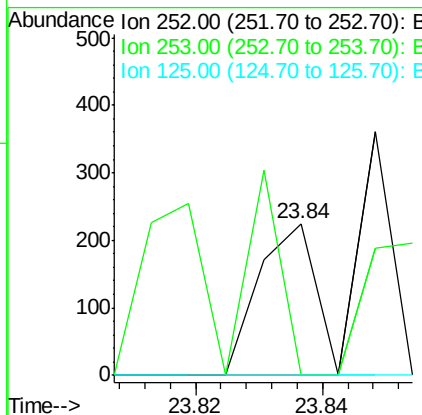
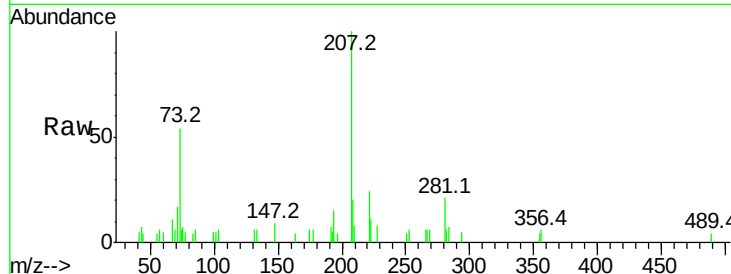
Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

Tot Ion:252 Resp: 140

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 0.058 ng

RT: 23.92 min Scan# 3512

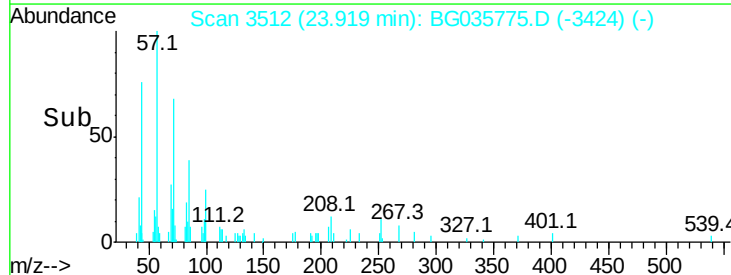
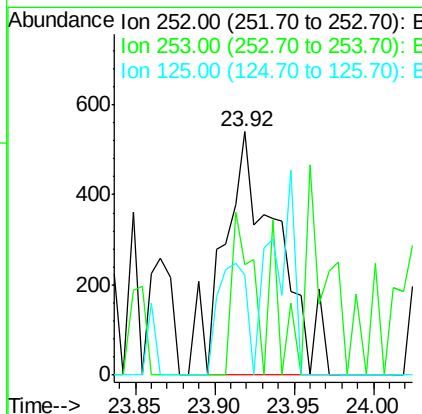
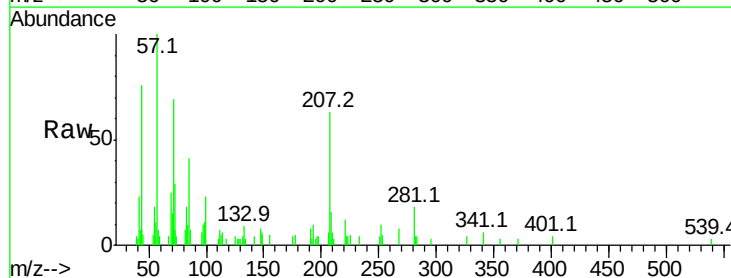
Delta R.T. -0.01 min

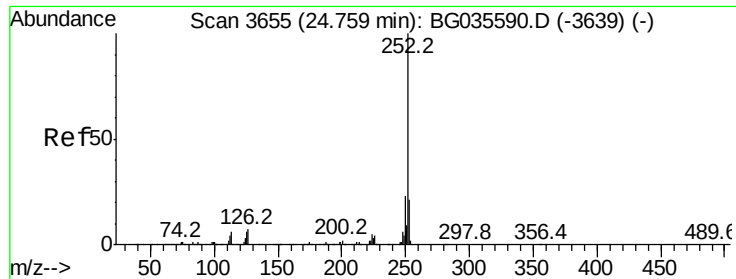
Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Tgt Ion:252 Resp: 1280

Ion	Ratio	Lower	Upper
252	100		
253	45.6	17.4	26.2#
125	41.1	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 0.020 ng

RT: 24.69 min Scan# 3644

Delta R.T. -0.04 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

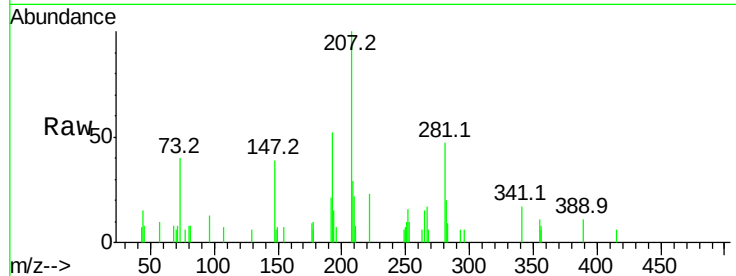
Tot Ion:252 Resp: 421

Ion Ratio Lower Upper

252 100

253 60.9 18.3 27.5#

125 0.0 7.3 10.9#

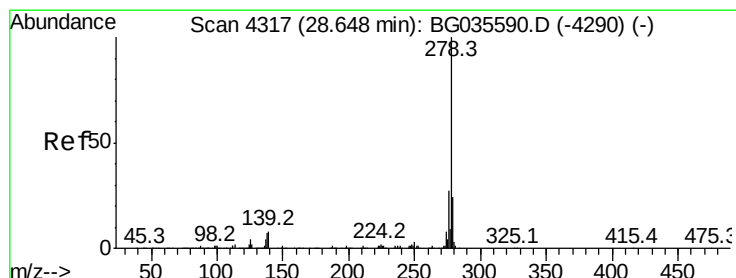
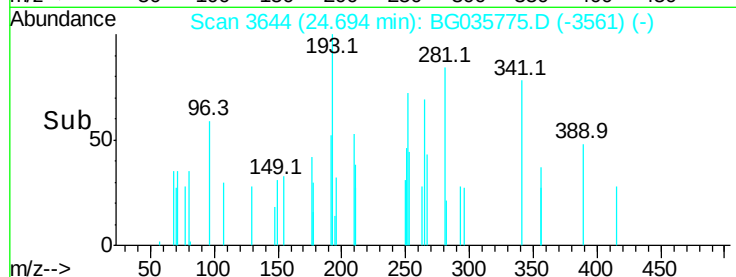


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

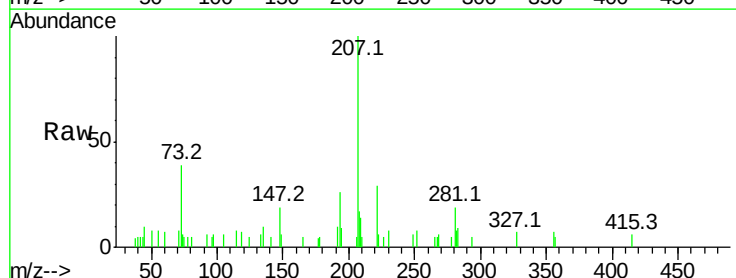
Tgt Ion:278 Resp: 58

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

279 0.0 18.4 27.6#

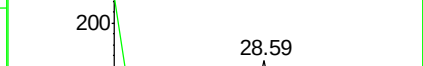
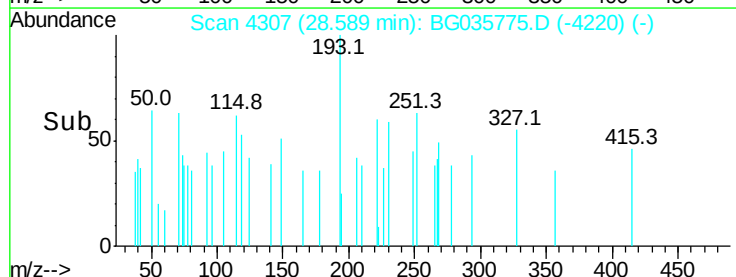


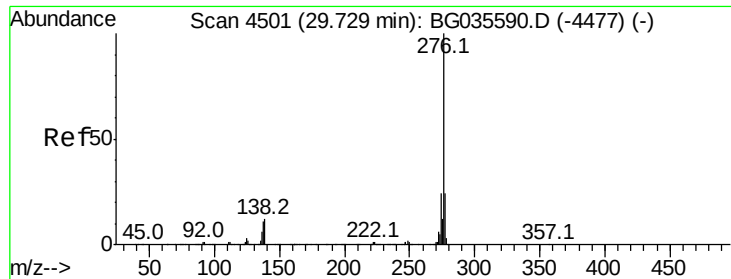
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 29.72 min Scan# 4500

Delta R.T. 0.04 min

Lab File: BG035775.D

Acq: 20 Jul 2018 8:28

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

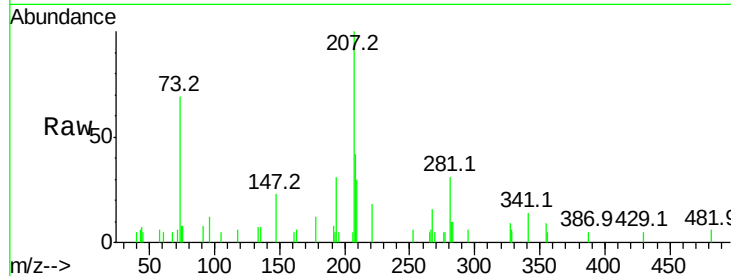
Tot Ion:276 Resp: 58

Ion Ratio Lower Upper

276 100

277 97.6 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

