

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035778.D
 Acq On : 20 Jul 2018 10:24
 Operator : JU/SJ
 Sample : J4057-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-5

Quant Time: Jul 20 12:02:37 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	46313	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	157737	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	108155	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	288169	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	354789	20.00	ng	-0.02
86) Perylene-d12	24.86	264	329439	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	344671	123.56	ng	0.00
7) Phenol-d6	7.20	99	422714	101.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	350319	92.78	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208021	145.92	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	785562	97.31	ng	-0.01
78) Terphenyl-d14	20.00	244	1530440	95.09	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	307	0.216	ng	# 1
3) Pyridine	3.99	79	65	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	877	0.551	ng	# 4
6) Aniline	7.39	93	62	0.011	ng	# 41
8) 2-Chlorophenol	7.57	128	82	0.029	ng	# 1
9) Benzaldehyde	7.21	77	801	0.314	ng	# 5
10) Phenol	7.20	94	114	0.027	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	62	0.019	ng	# 16
12) 1,3-Dichlorobenzene	8.03	146	68	0.020	ng	# 1
13) 1,4-Dichlorobenzene	8.03	146	68	0.020	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	230	0.069	ng	# 1
15) Benzyl Alcohol	8.35	79	7000	1.852	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.56	45	260	0.094	ng	# 75
17) 2-Methylphenol	8.41	107	59	0.021	ng	# 13
18) Hexachloroethane	9.21	117	61	0.046	ng	# 1
20) 3+4-Methylphenols	8.41	107	59	0.015	ng	# 24
22) Acetophenone	8.86	105	64	0.013	ng	# 15
24) Nitrobenzene	9.25	77	62	0.016	ng	# 42
25) Isophorone	9.59	82	564	0.080	ng	# 69
27) 2,4-Dimethylphenol	9.64	122	100	0.044	ng	# 1
28) bis(2-Chloroethoxy)methane	10.46	93	65	0.017	ng	# 51
31) Naphthalene	10.88	128	3937	0.479	ng	# 93
32) Benzoic acid	9.64	122	100	0.065	ng	# 1
33) 4-Chloroaniline	10.98	127	55	0.015	ng	# 46
35) Caprolactam	11.78	113	55	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	12.41	107	75	0.021	ng	# 22
37) 2-Methylnaphthalene	12.51	142	269	0.044	ng	# 57
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	57	0.014	ng	# 25
40) Hexachlorocyclopentadiene	12.89	237	57	0.027	ng	# 22
42) 2,4,6-Trichlorophenol	13.25	196	71	0.030	ng	# 11
43) 2,4,5-Trichlorophenol	13.25	196	71	0.027	ng	# 1
45) 1,1'-Biphenyl	13.50	154	974	0.116	ng	# 87
47) 2-Nitroaniline	13.72	65	76	0.033	ng	# 9
48) Acenaphthylene	14.38	152	86	0.008	ng	# 59

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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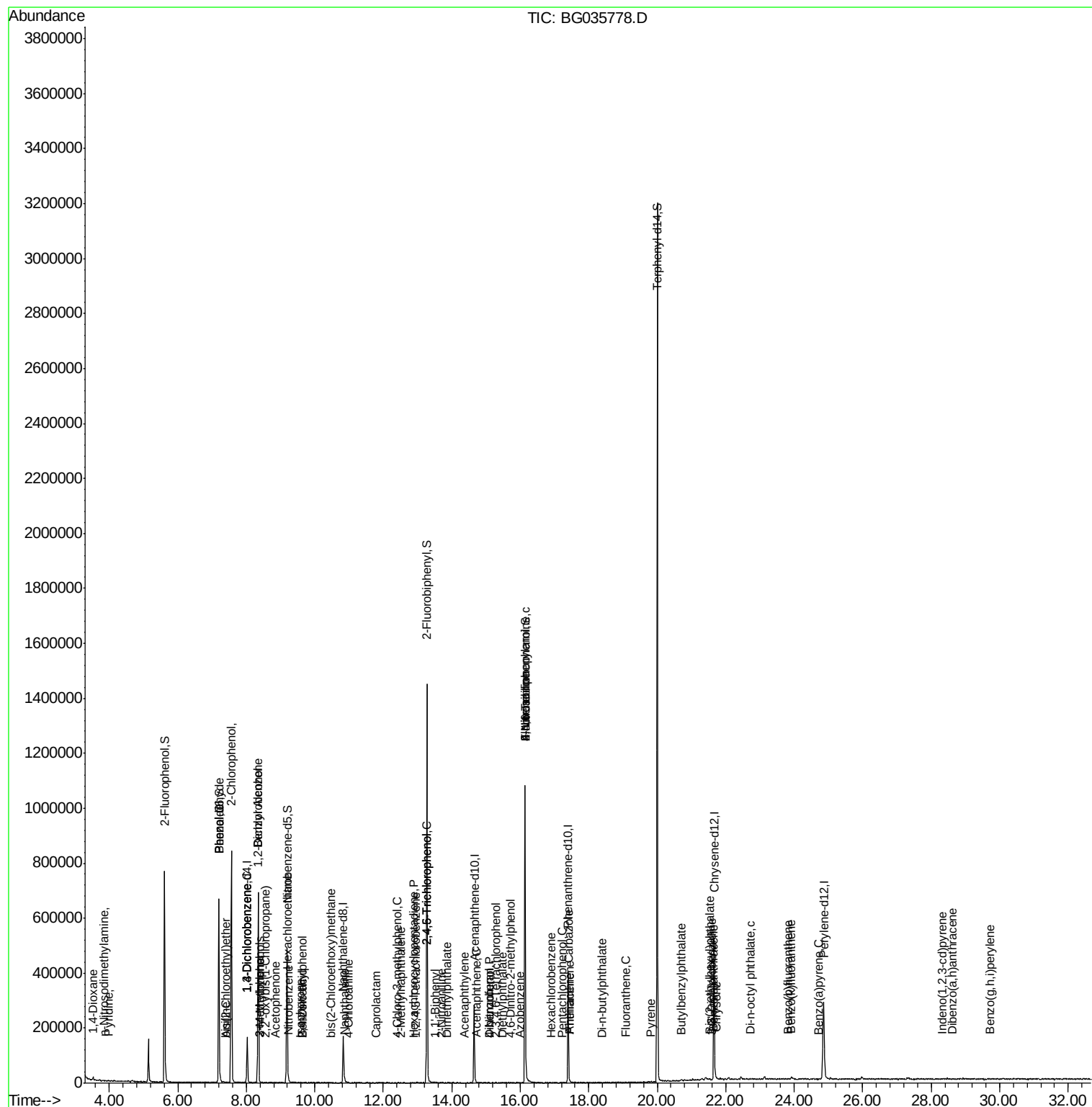
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	13.87	163	65	0.007	ng	# 77
51) Acenaphthene	14.73	154	215	0.032	ng	# 53
54) Dibenzofuran	15.11	168	148	0.014	ng	# 46
55) 4-Nitrophenol	15.10	139	69	0.049	ng	# 1
57) Fluorene	16.14	166	7729	0.852	ng	# 94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	62	0.024	ng	# 40
59) Diethylphthalate	15.47	149	54	0.006	ng	# 58
61) 4-Nitroaniline	16.15	138	54	0.026	ng	# 1
62) Azobenzene	15.99	77	70	0.007	ng	# 48
64) 4,6-Dinitro-2-methylphenol	15.71	198	75	0.047	ng	# 29
65) n-Nitrosodiphenylamine	16.14	169	8345	1.017	ng	# 41
67) Hexachlorobenzene	16.91	284	133	0.039	ng	# 41
69) Pentachlorophenol	17.23	266	62	0.030	ng	# 19
70) Phenanthrene	17.44	178	880	0.061	ng	# 71
71) Anthracene	17.44	178	880	0.061	ng	# 70
72) Carbazole	17.41	167	146	0.011	ng	# 59
73) Di-n-butylphthalate	18.37	149	1030	0.064	ng	# 78
74) Fluoranthene	19.08	202	57	0.003	ng	# 65
77) Pyrene	19.82	202	602	0.027	ng	# 38
79) Butylbenzylphthalate	20.69	149	271	0.034	ng	# 54
80) Benzo(a)anthracene	21.62	228	107	0.005	ng	# 50
81) 3,3'-Dichlorobenzidine	21.60	252	63	0.008	ng	# 26
82) Chrysene	21.73	228	282	0.014	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.54	149	1536	0.141	ng	# 84
84) Di-n-octyl phthalate	22.72	149	302	0.017	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.31	276	73	0.003	ng	# 53
87) Benzo(b)fluoranthene	23.83	252	150	0.007	ng	# 22
88) Benzo(k)fluoranthene	23.90	252	485	0.025	ng	# 60
89) Benzo(a)pyrene	24.71	252	357	0.019	ng	# 59
90) Dibenzo(a,h)anthracene	28.60	278	121	0.007	ng	# 58
91) Benzo(a,h,i)perylene	29.71	276	56	0.003	ng	# 56

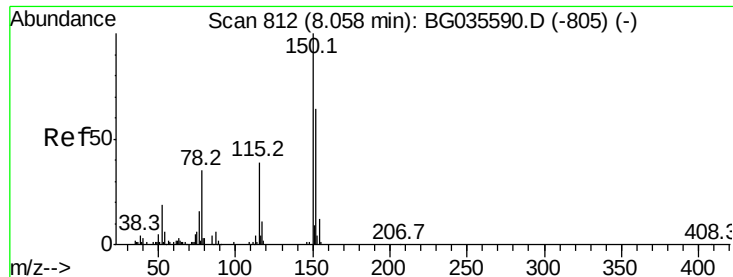
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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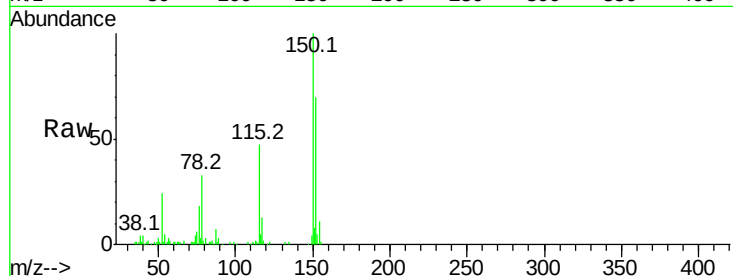


#1

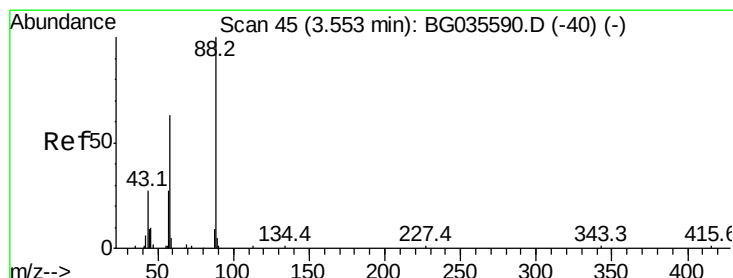
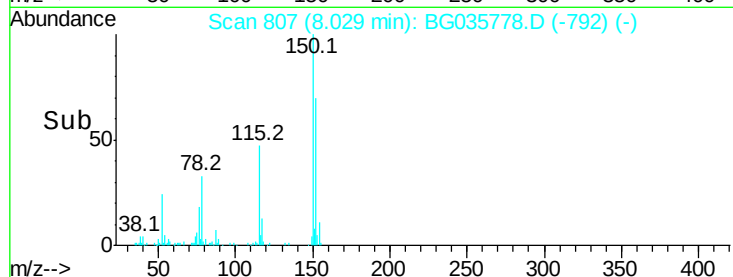
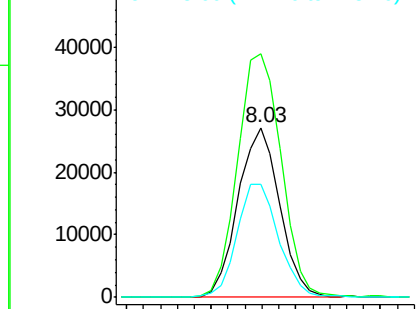
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

Tot Ion:152 Resp: 46313
Ion Ratio Lower Upper
152 100
150 143.6 126.6 189.8
115 67.0 53.0 79.4



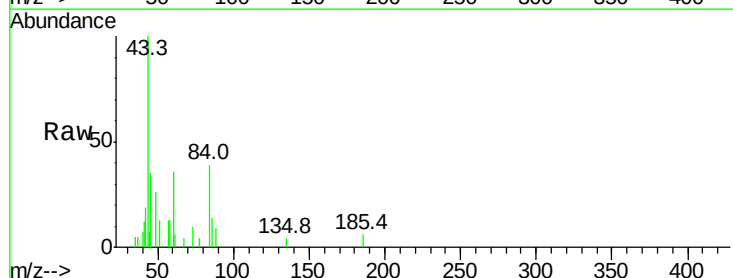
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



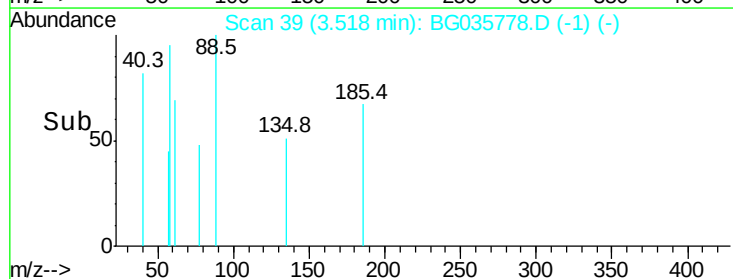
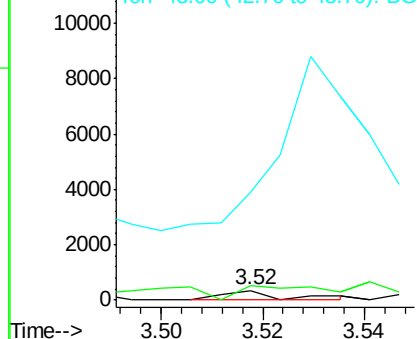
#2

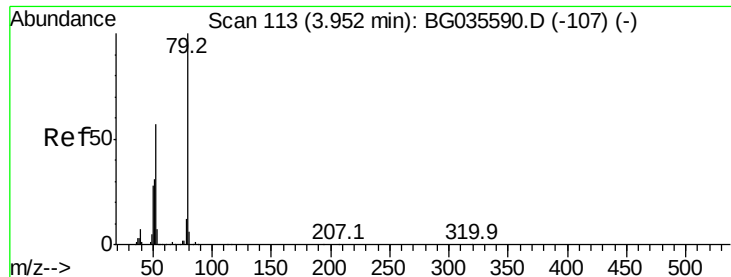
1,4-Dioxane
Concen: 0.216 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.02 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion: 88 Resp: 307
Ion Ratio Lower Upper
88 100
58 196.1 79.6 119.4#
43 2802.6 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: 0.018 ng

RT: 3.99 min Scan# 120

Delta R.T. 0.06 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

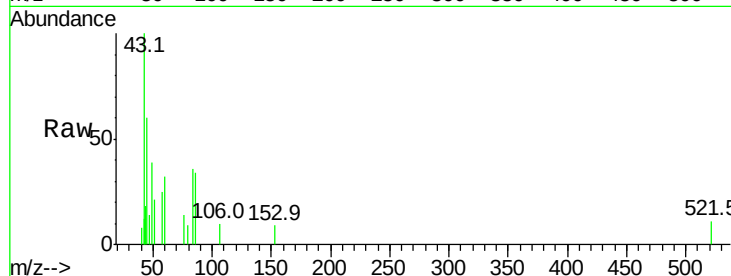
Tot Ion: 79 Resp: 65

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

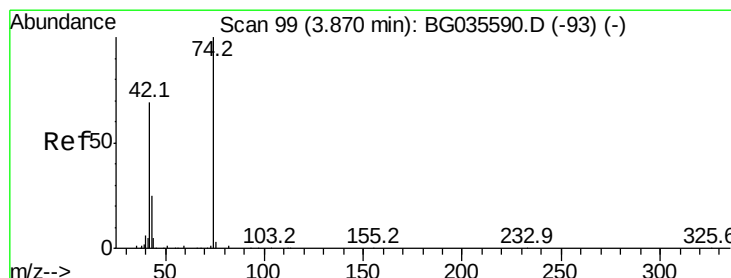
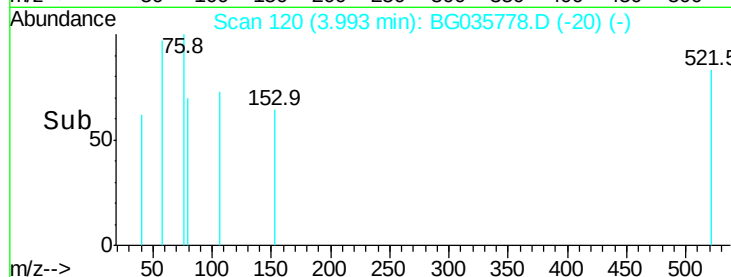
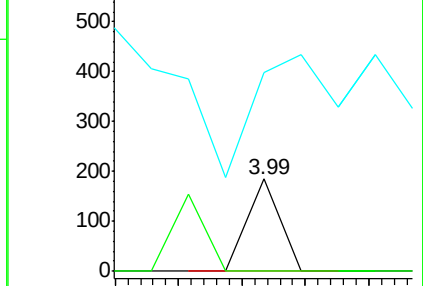
51 216.3 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.551 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

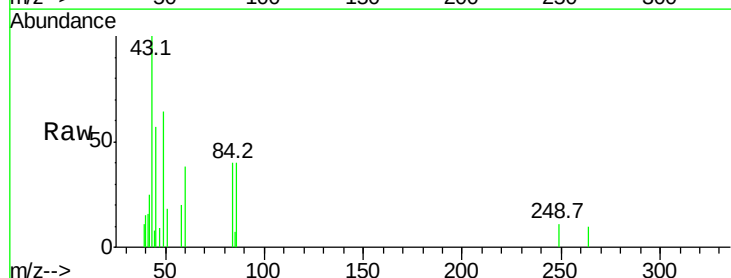
Tgt Ion: 42 Resp: 877

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

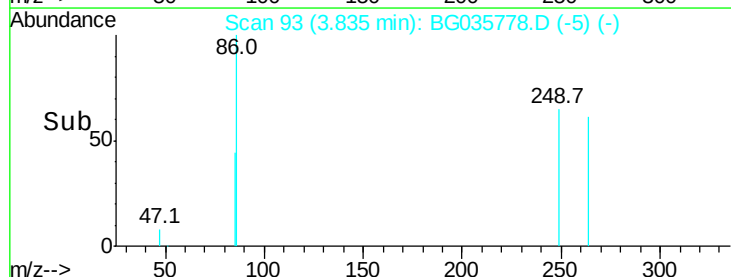
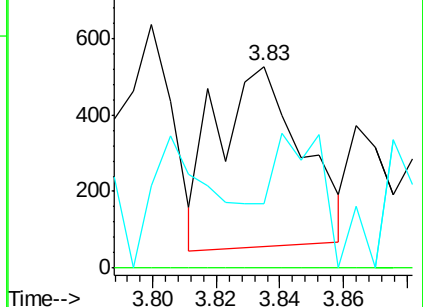
44 31.7 18.9 28.3#

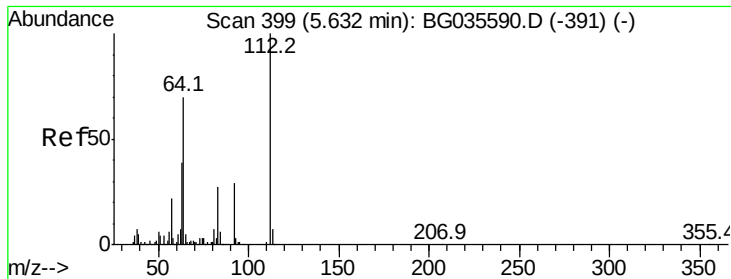


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.558 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

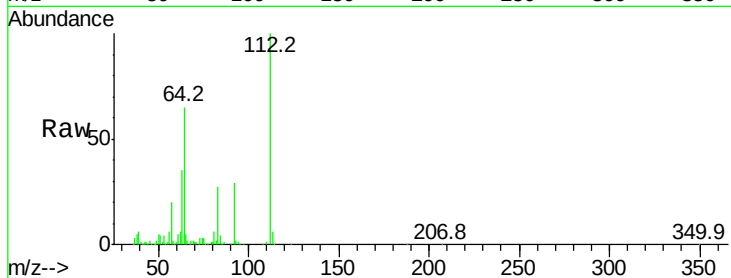
Tot Ion: 112 Resp: 344671

Ion Ratio Lower Upper

112 100

64 64.8 56.3 84.5

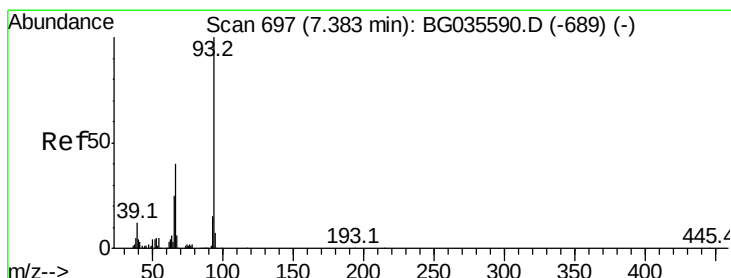
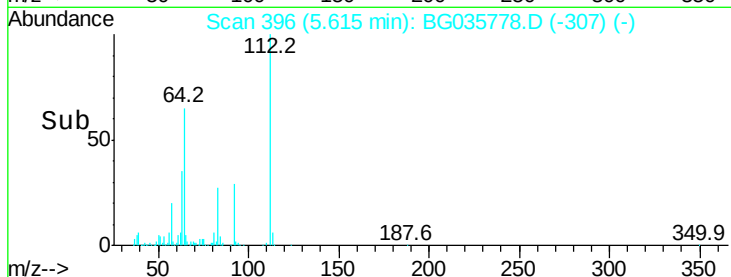
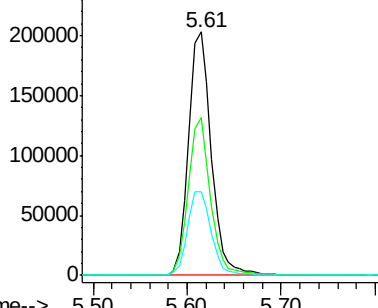
63 34.6 30.1 45.1



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



#6

Aniline

Concen: 0.011 ng

RT: 7.39 min Scan# 699

Delta R.T. 0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

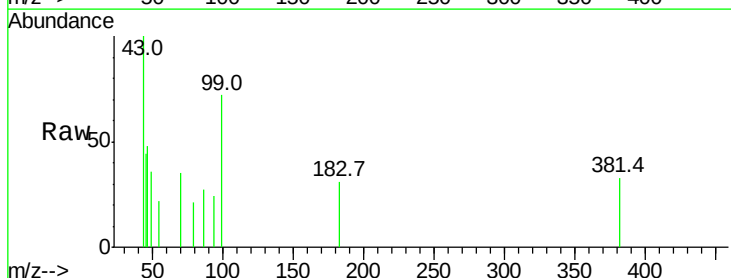
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

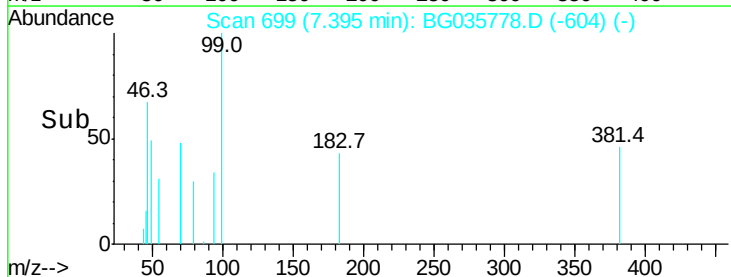
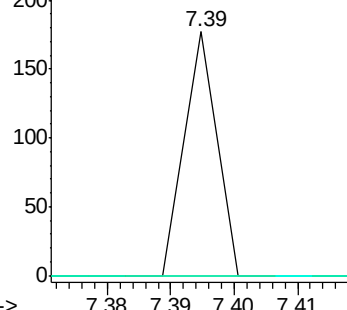
65 0.0 16.1 24.1#

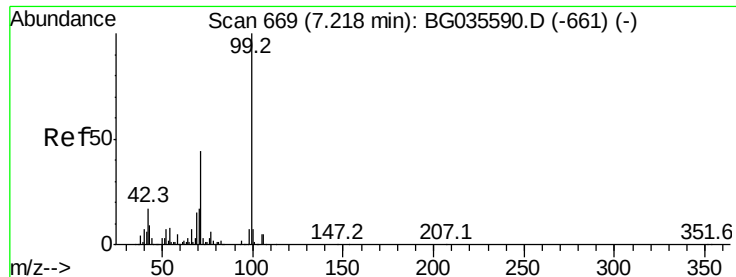


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.566 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampled :

LS-SOIL-5

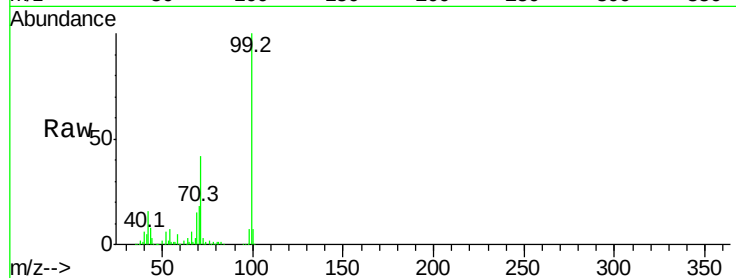
Tot Ion: 99 Resp: 422714

Ion Ratio Lower Upper

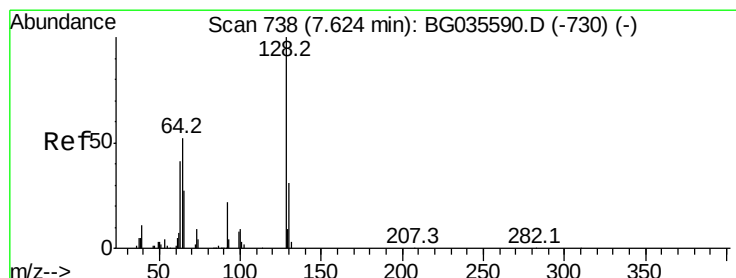
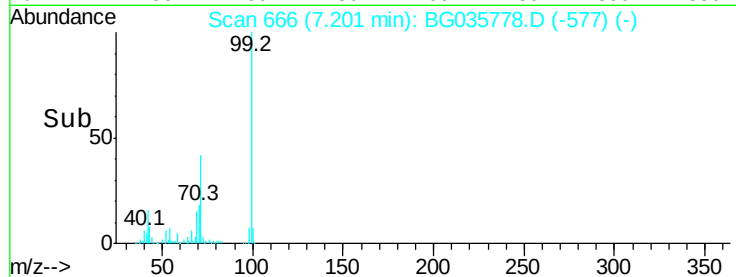
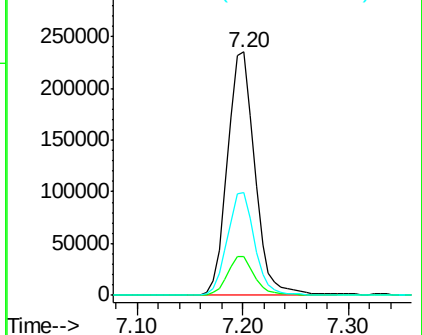
99 100

42 16.1 14.1 21.1

71 42.3 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: 0.029 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

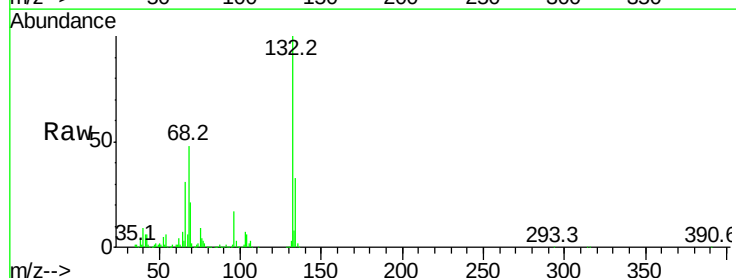
Tgt Ion:128 Resp: 82

Ion Ratio Lower Upper

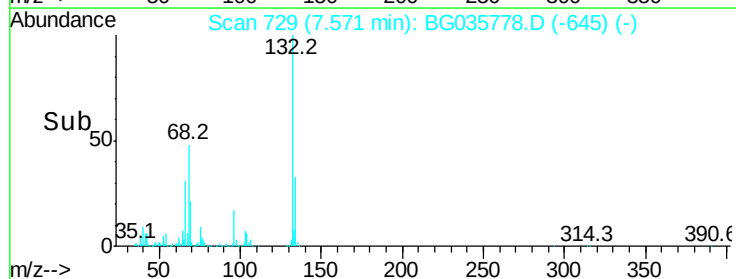
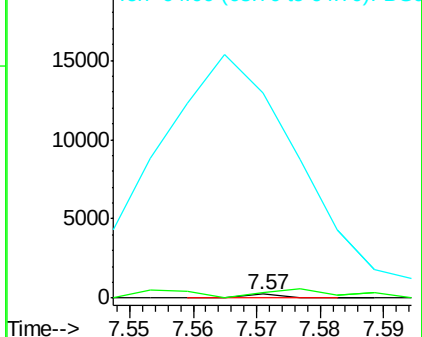
128 100

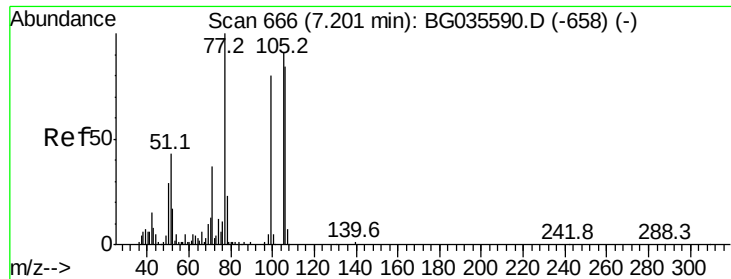
130 136.6 14.0 54.0#

64 5572.4 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





#9

Benzaldehyde

Concen: 0.314 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.03 min

Lab File: BG035778.D

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ClientSampleId :

LS-SOIL-5

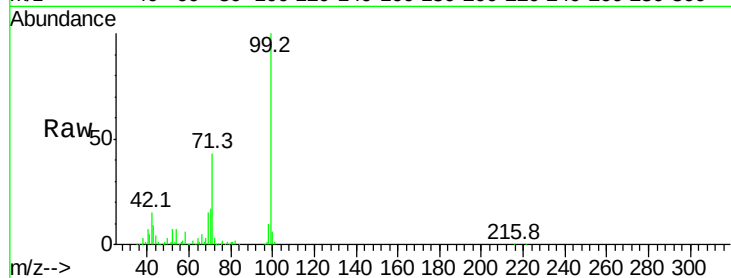
Tot Ion: 77 Resp: 801

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

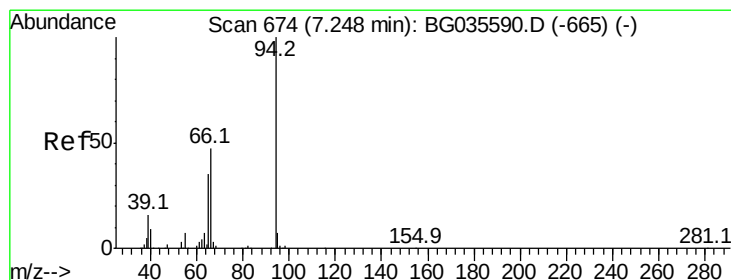
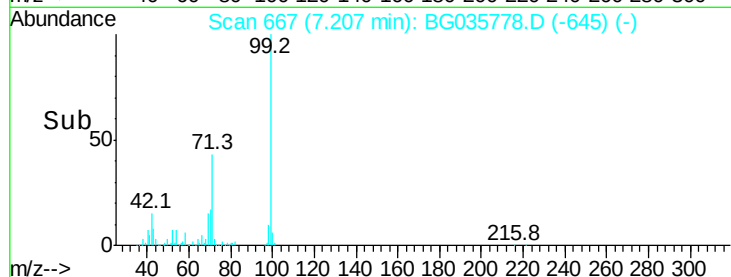
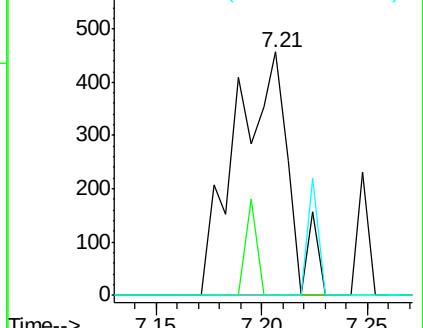
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.027 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

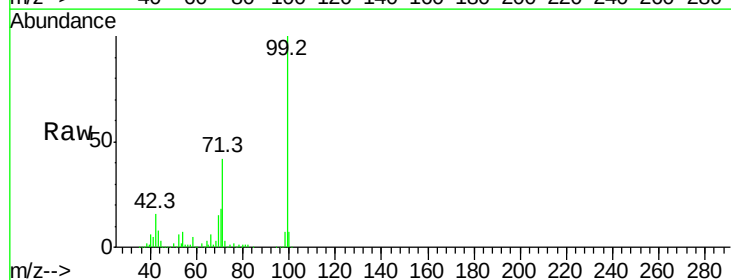
Tgt Ion: 94 Resp: 114

Ion Ratio Lower Upper

94 100

65 1692.6 11.9 51.9#

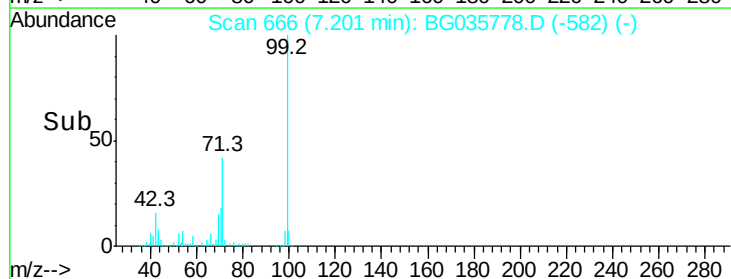
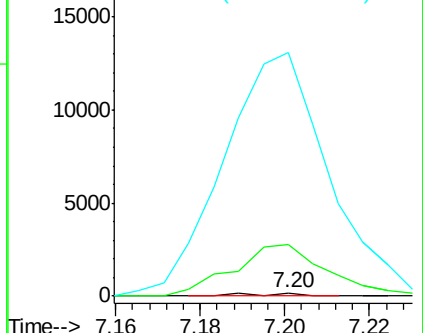
66 8022.7 22.2 62.2#

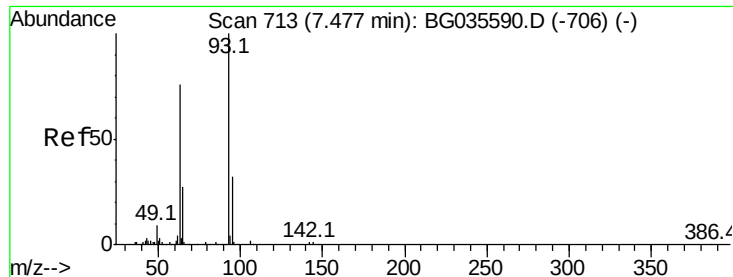


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

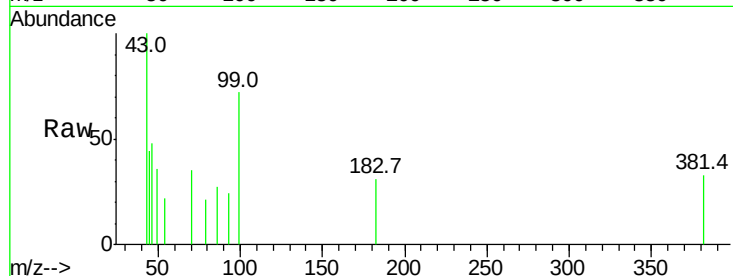




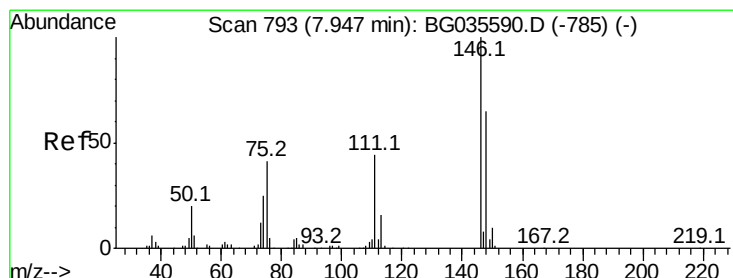
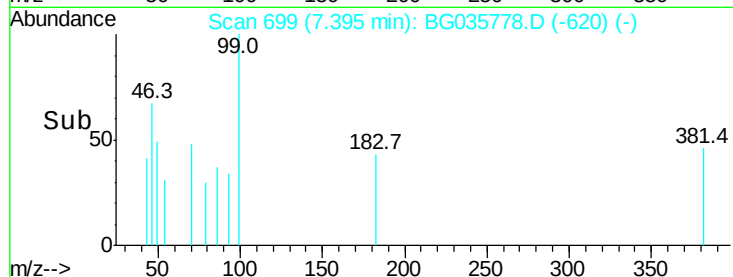
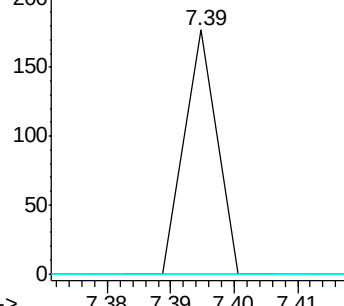
#11
bis(2-Chloroethyl)ether
Concen: 0.019 ng
RT: 7.39 min Scan# 699
Delta R.T. -0.06 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

Tot Ion: 93 Resp: 62
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#

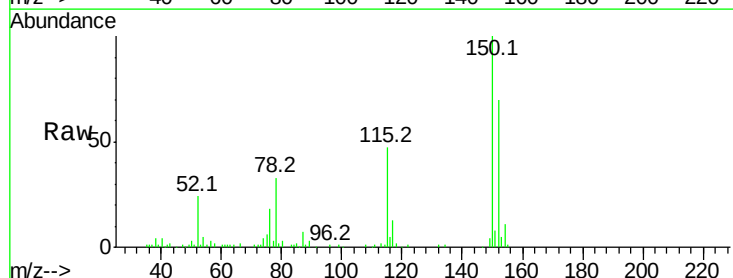


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

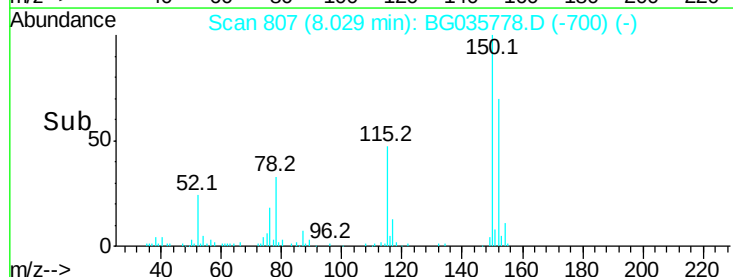
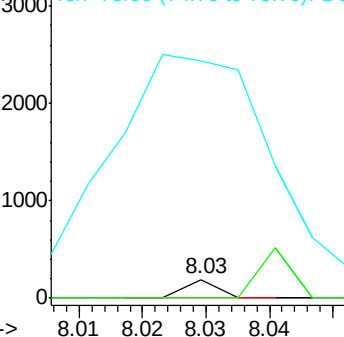


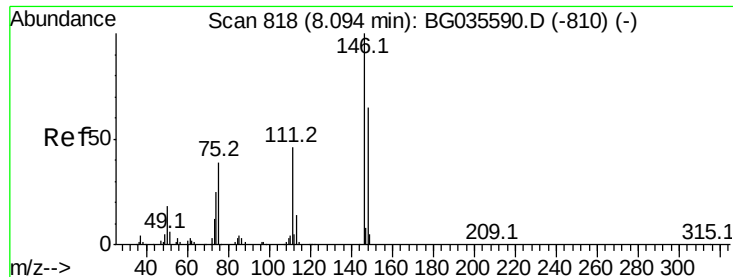
#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.10 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion: 146 Resp: 68
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 1255.2 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

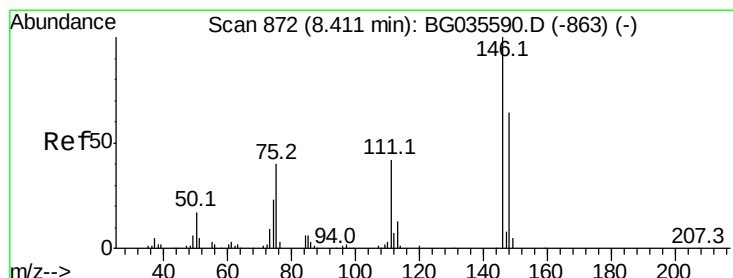
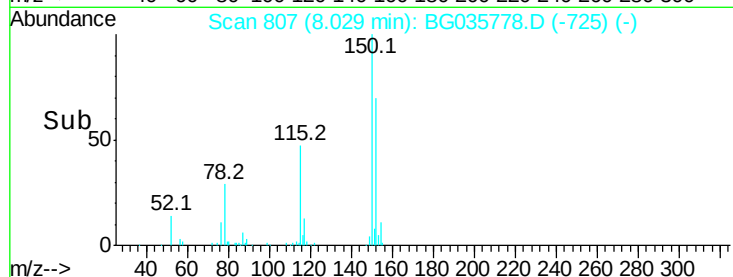
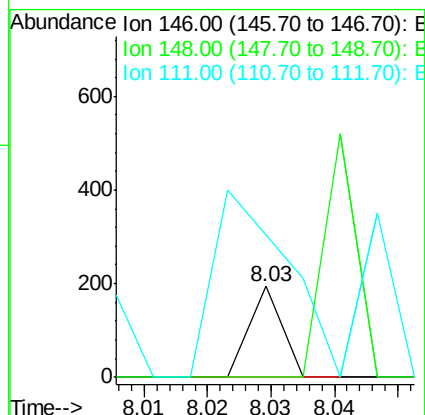
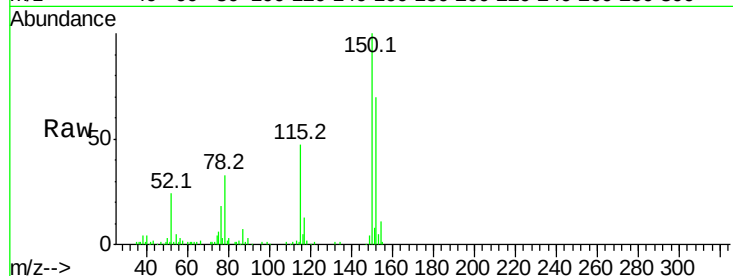




#13
 1,4-Dichlorobenzene
 Concen: 0.020 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

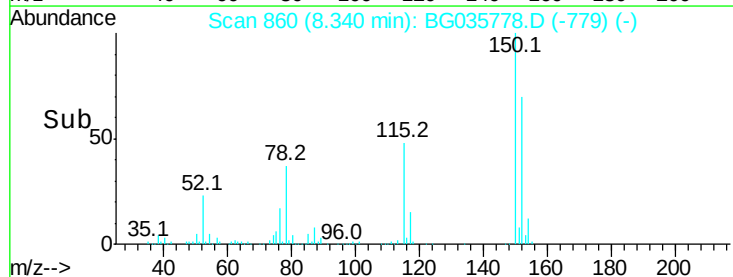
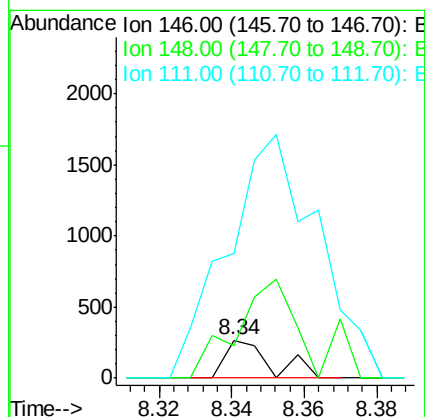
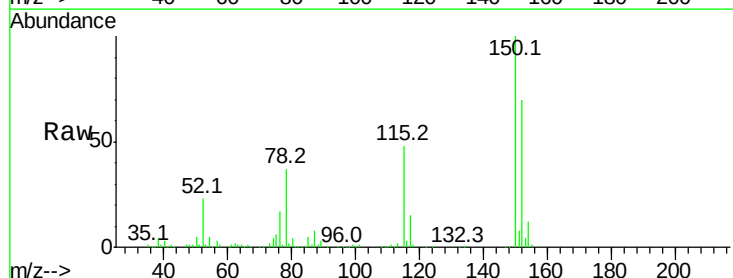
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-5

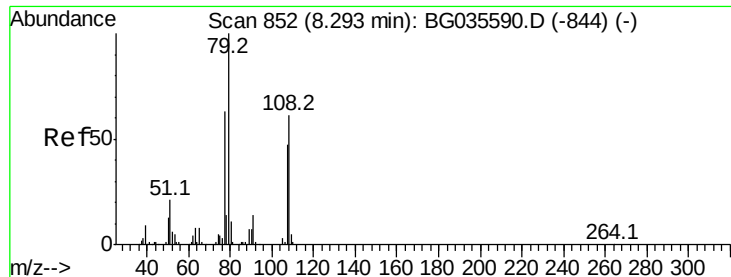
Tot Ion:146 Resp: 68
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.7 80.5#
 111 156.2 35.2 52.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.069 ng
 RT: 8.34 min Scan# 860
 Delta R.T. -0.05 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

Tgt Ion:146 Resp: 230
 Ion Ratio Lower Upper
 146 100
 148 87.2 49.3 73.9#
 111 328.2 34.3 51.5#





#15

Benzyl Alcohol

Concen: 1.852 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.08 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

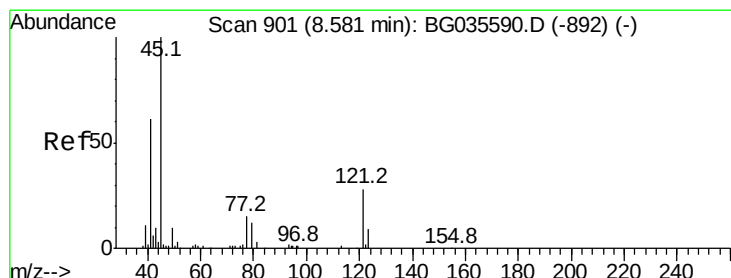
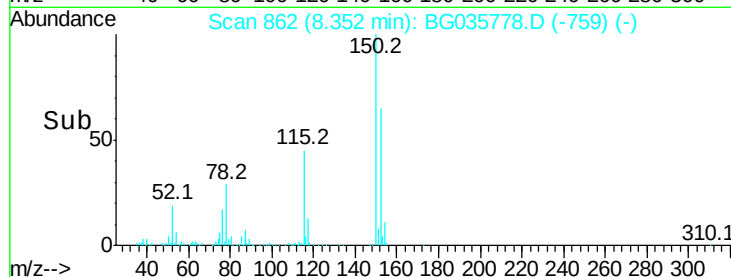
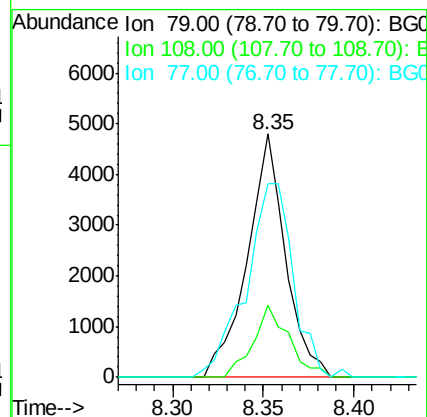
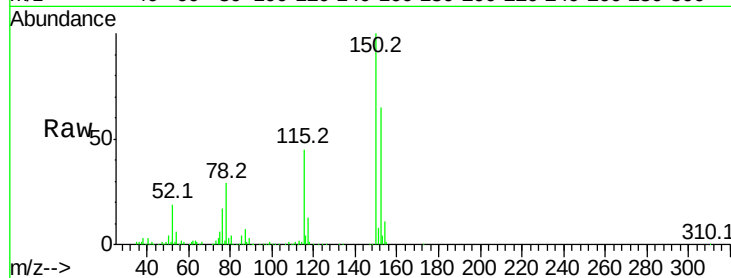
Tot Ion: 79 Resp: 7000

Ion Ratio Lower Upper

79 100

108 29.4 57.2 85.8#

77 79.5 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.094 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

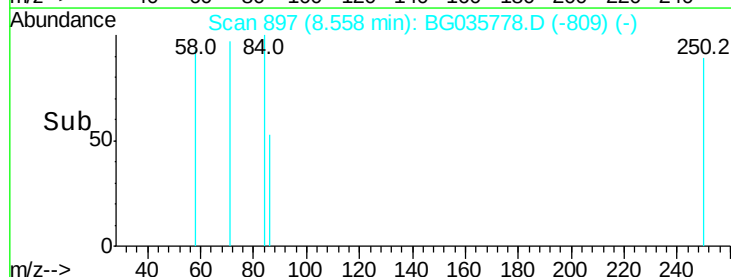
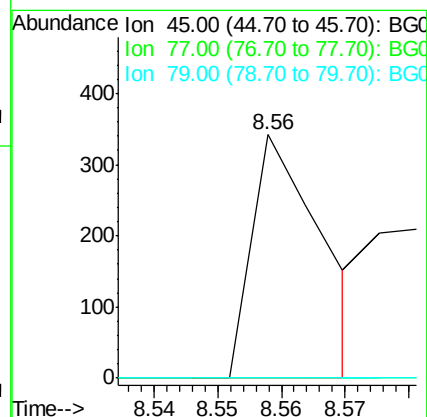
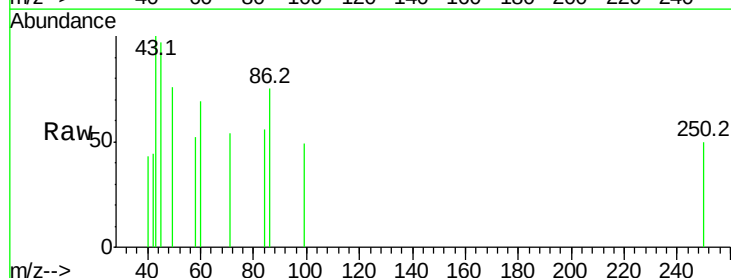
Tgt Ion: 45 Resp: 260

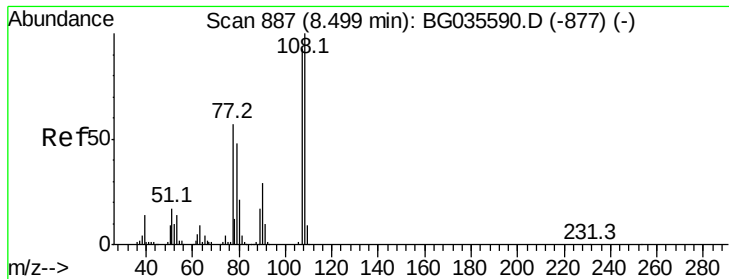
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9





#17

2-Methylphenol

Concen: 0.021 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.08 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampled :

LS-SOIL-5

Tot Ion:107 Resp: 59

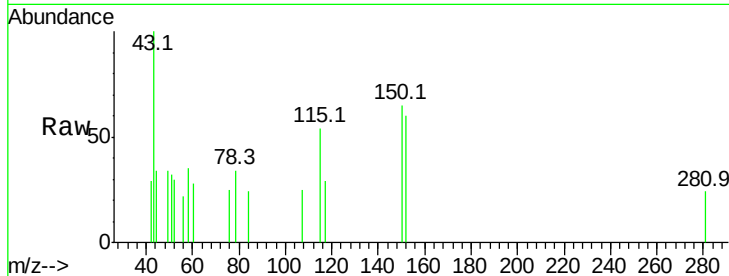
Ion Ratio Lower Upper

107 100

108 0.0 83.9 125.9#

77 0.0 37.2 55.8#

79 0.0 36.2 54.2#



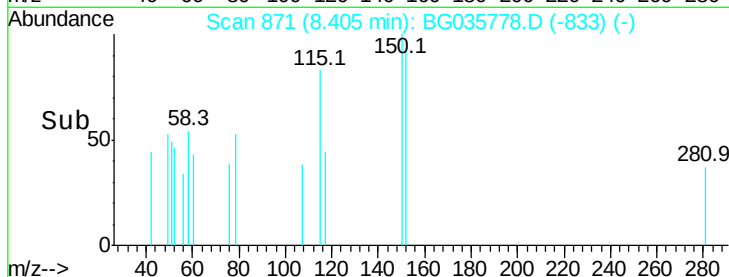
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

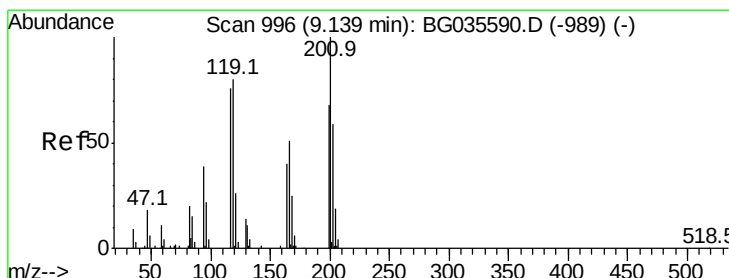
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



Time-->



#18

Hexachloroethane

Concen: 0.046 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.09 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

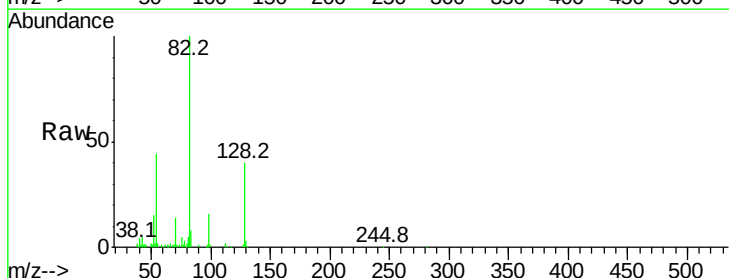
Tgt Ion:117 Resp: 61

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

201 0.0 95.7 143.5#

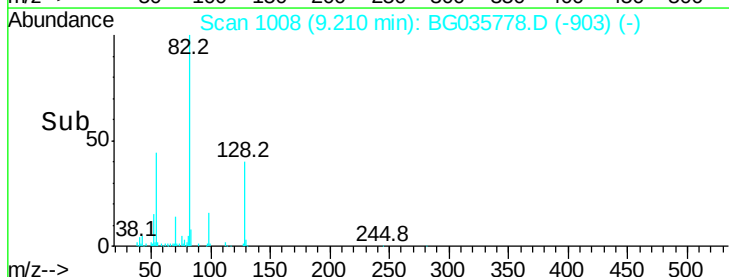


Abundance Ion 117.00 (116.70 to 117.70): E

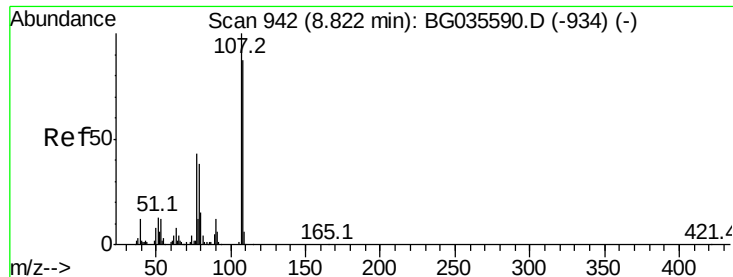
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 0.015 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.40 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

Tot Ion:107 Resp: 59

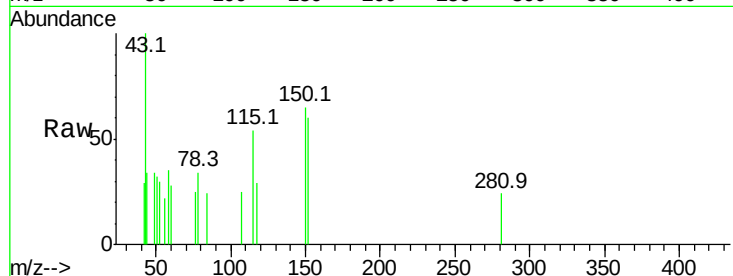
Ion Ratio Lower Upper

107 100

108 0.0 61.6 101.6#

77 0.0 13.9 53.9#

79 0.0 8.8 48.8#

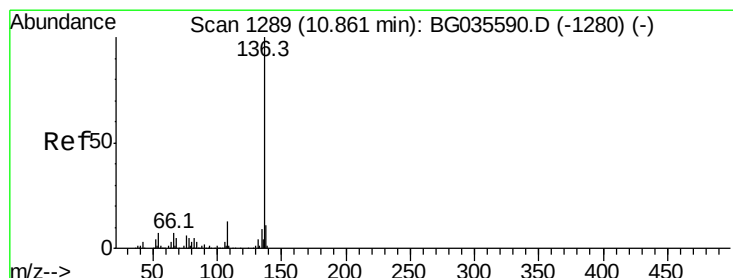
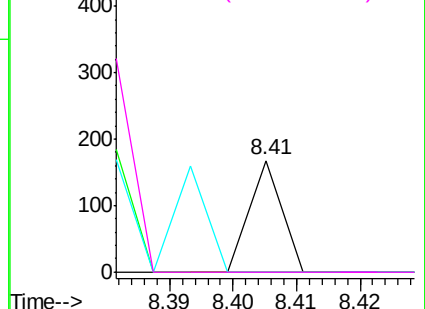
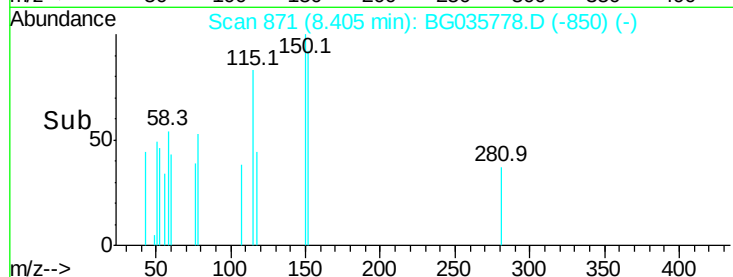


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Tgt Ion:136 Resp: 157737

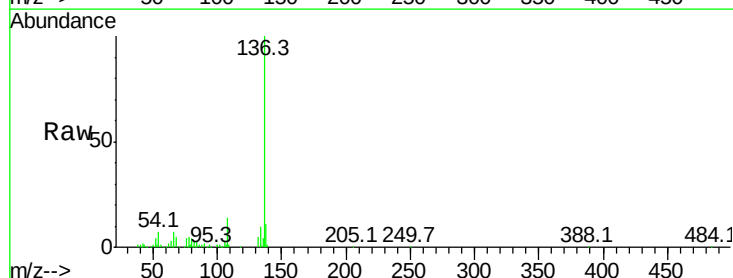
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.2 10.3 15.5#

68 5.0 4.5 6.7

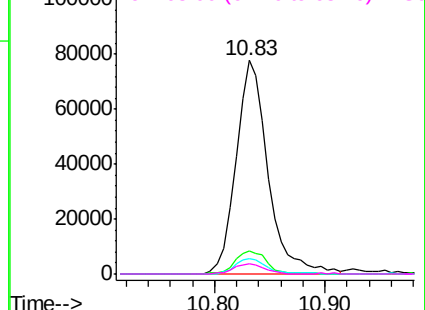
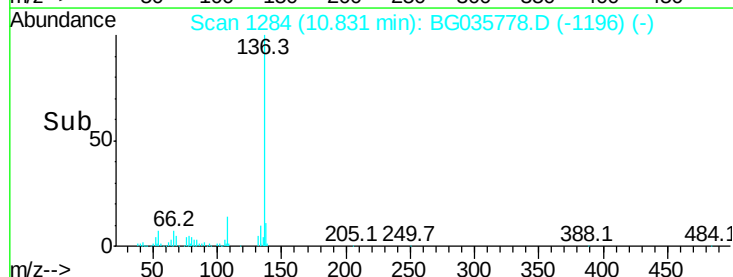


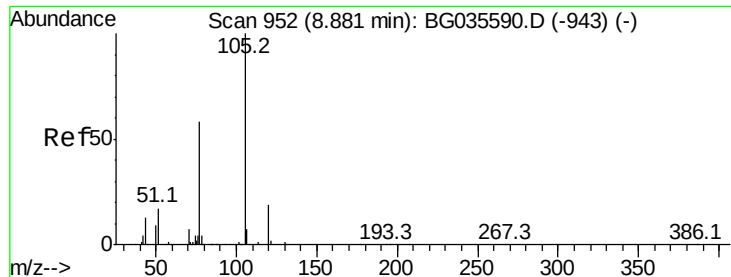
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 0.013 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampled :

LS-SOIL-5

Tot Ion:105 Resp: 64

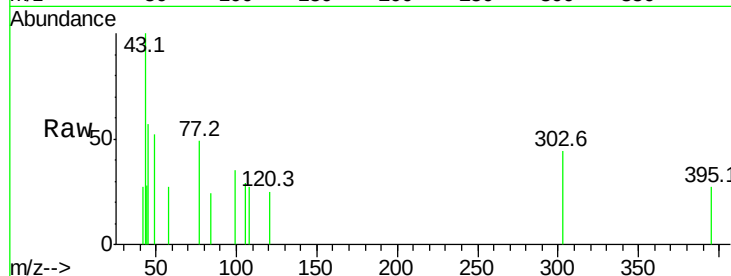
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 87.3 17.4 26.2#

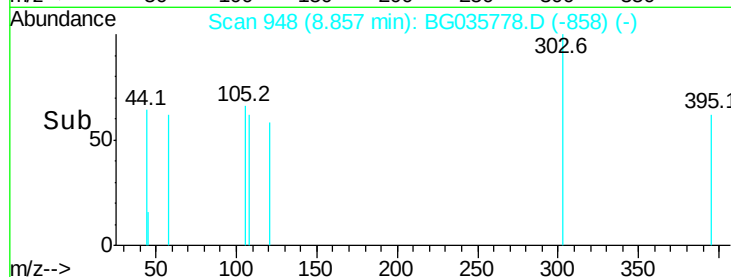
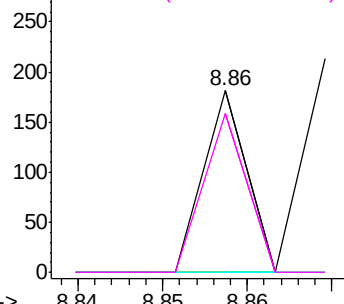


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 92.778 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

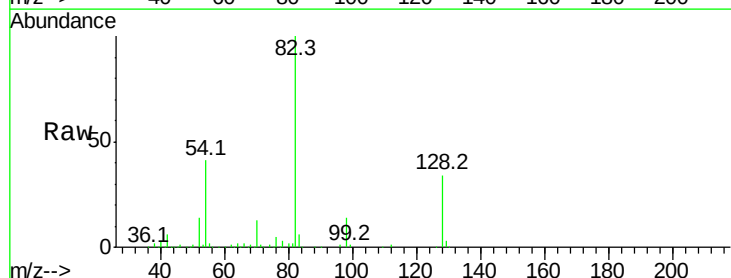
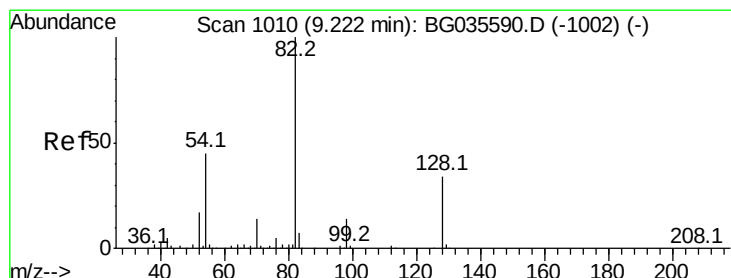
Tgt Ion: 82 Resp: 350319

Ion Ratio Lower Upper

82 100

128 34.2 29.7 44.5

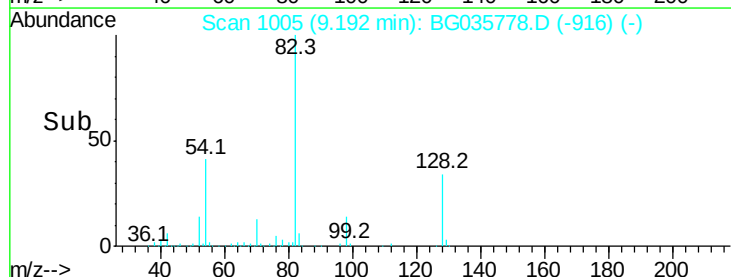
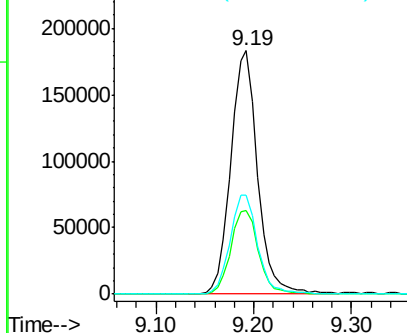
54 40.8 43.1 64.7#

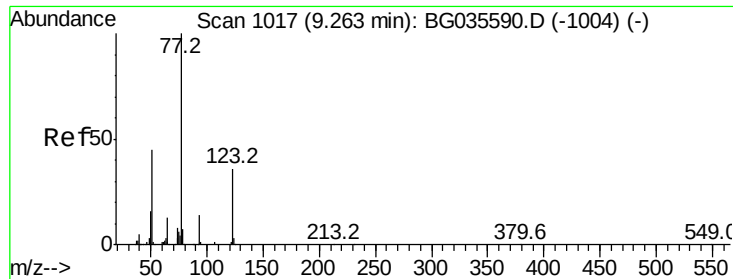


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

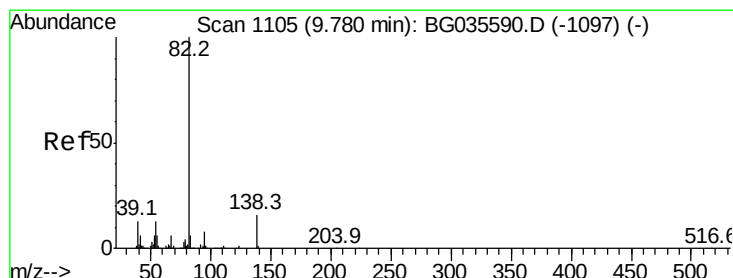
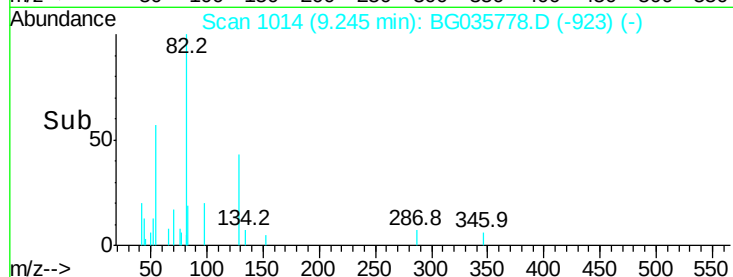
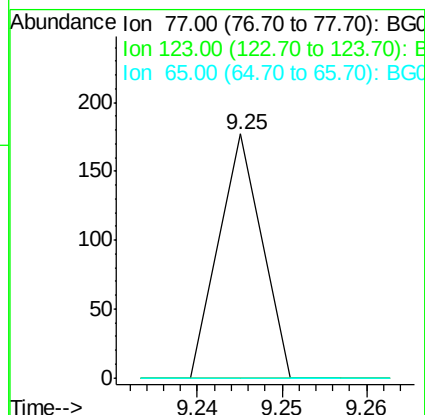
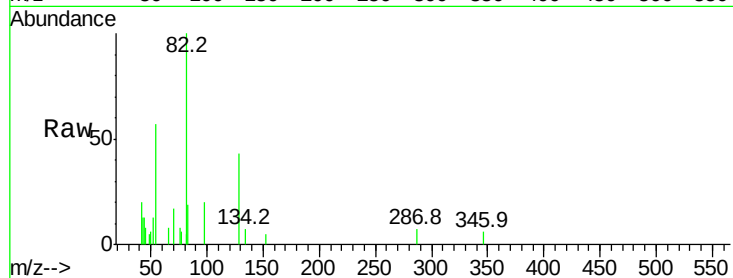




#24
Nitrobenzene
Concen: 0.016 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

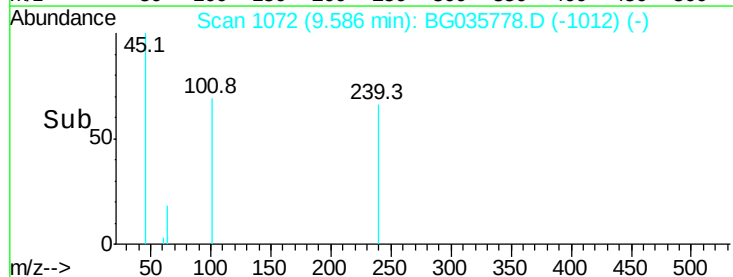
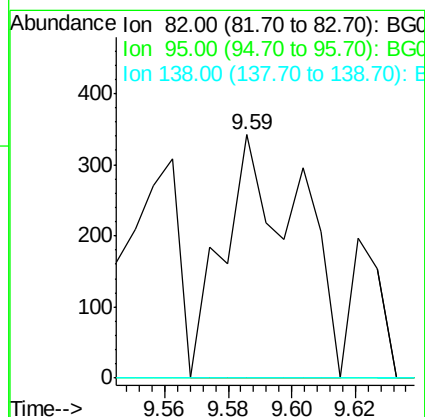
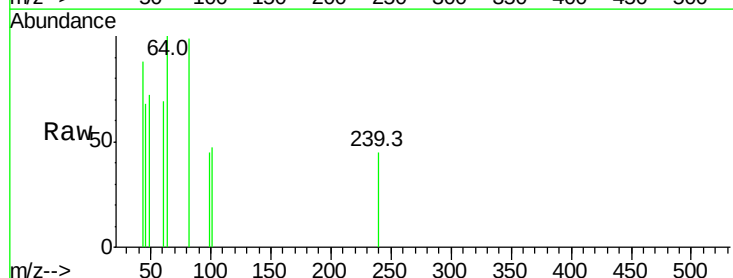
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

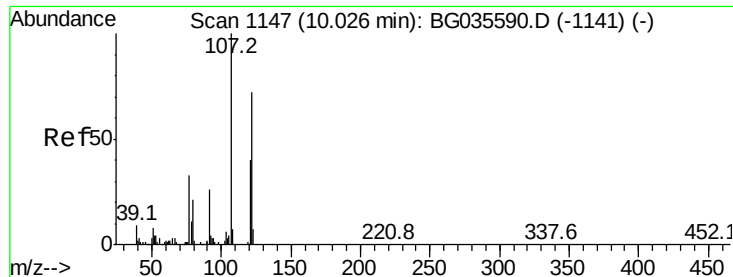
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
Isophorone
Concen: 0.080 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.18 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

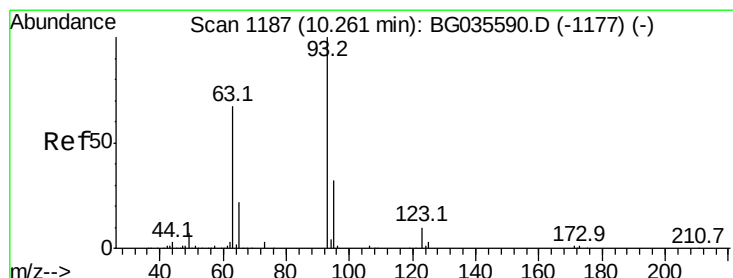
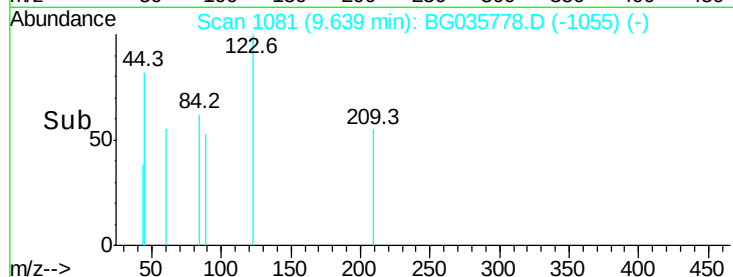
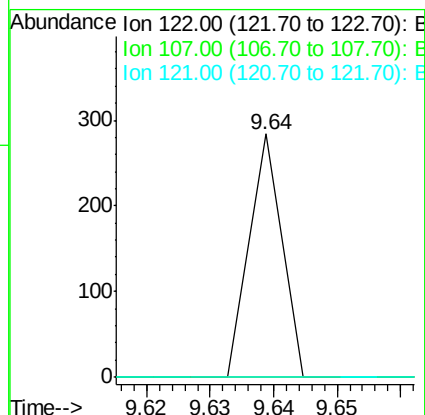
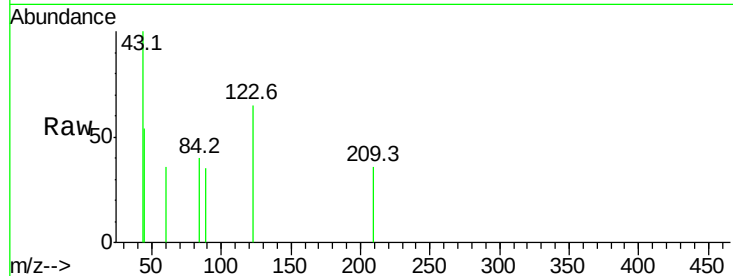




#27
2,4-Dimethylphenol
Concen: 0.044 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.38 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

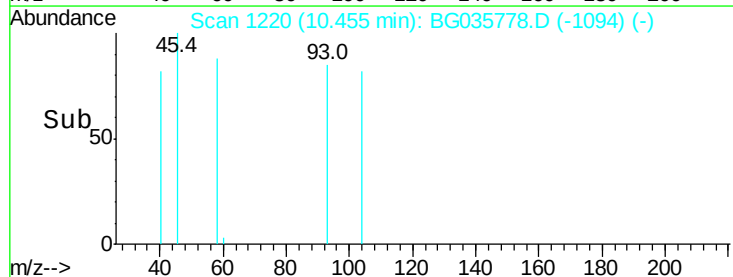
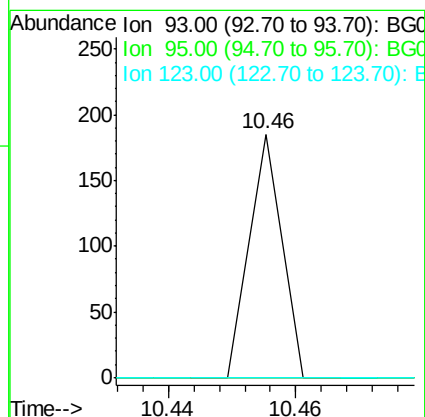
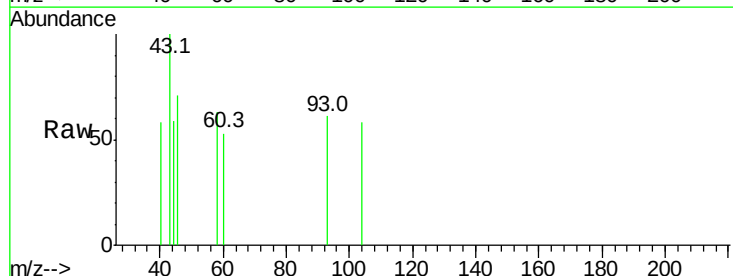
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

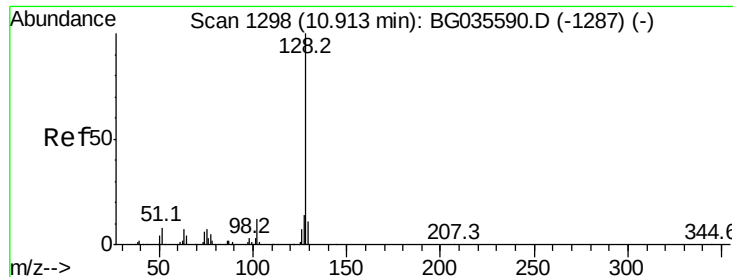
Tot Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 44.4 66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 0.017 ng
RT: 10.46 min Scan# 1220
Delta R.T. 0.21 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion: 93 Resp: 65
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#

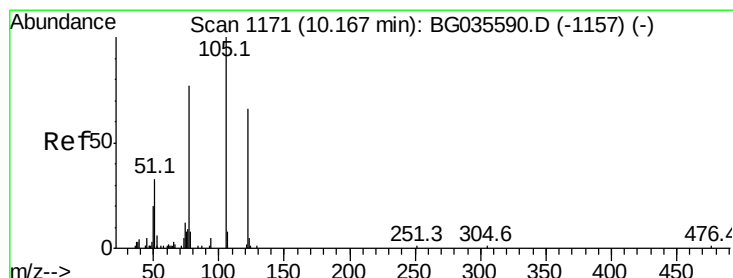
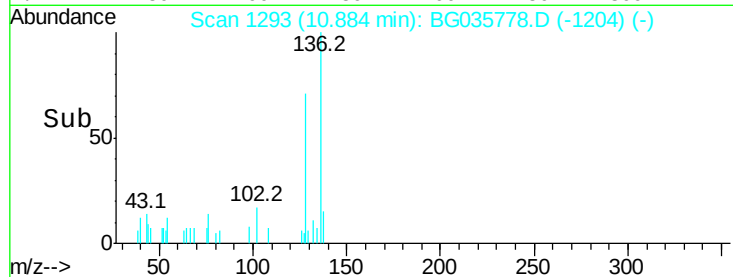
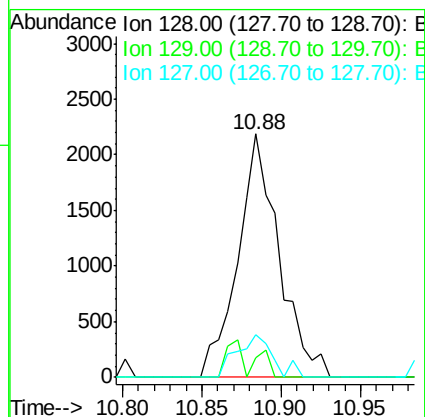
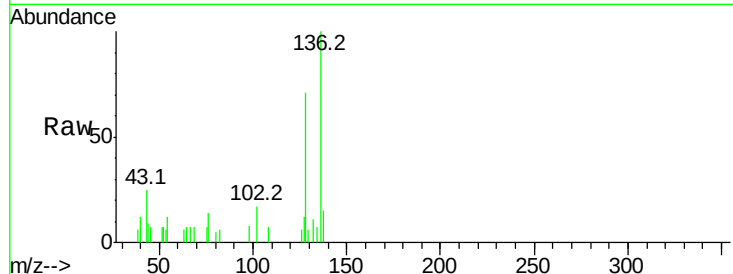




#31
Naphthalene
Concen: 0.479 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

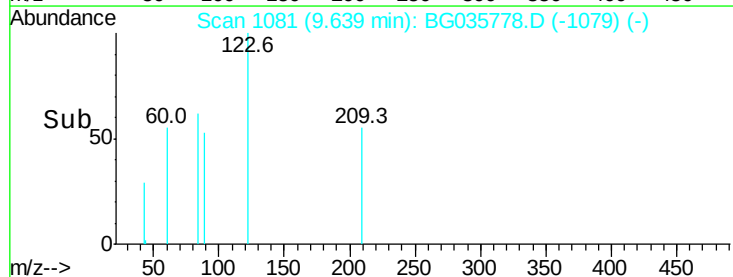
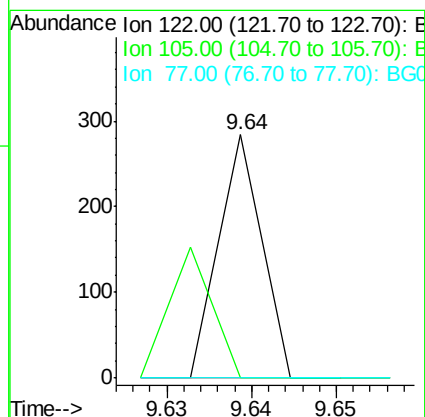
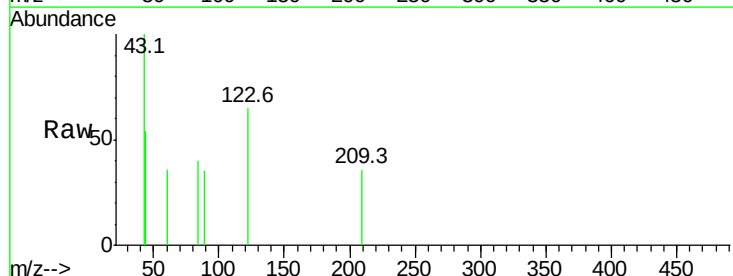
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

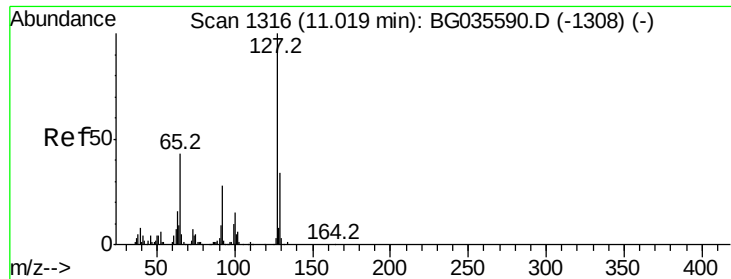
Tot Ion	Ratio	Lower	Upper
128	100		
129	8.2	8.6	12.8#
127	17.3	11.6	17.4



#32
Benzoic acid
Concen: 0.065 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.52 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

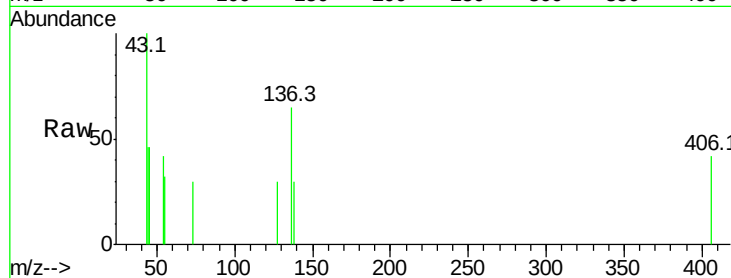




#33
4-Chloroaniline
Concen: 0.015 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

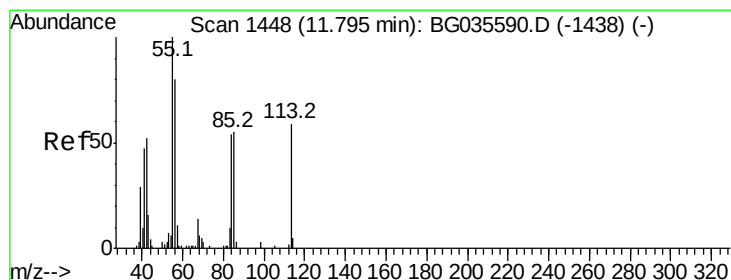
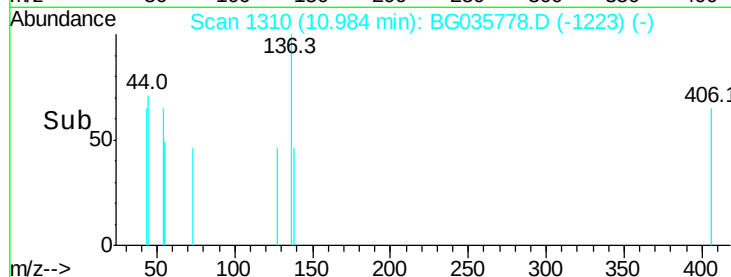
Tot Ion:	127	Resp:	55
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



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

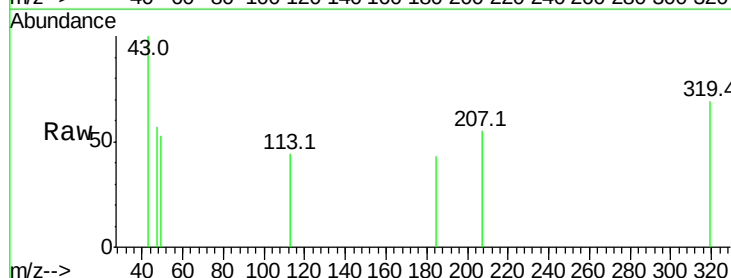
10.98

Time-->



#35
Caprolactam
Concen: 0.049 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

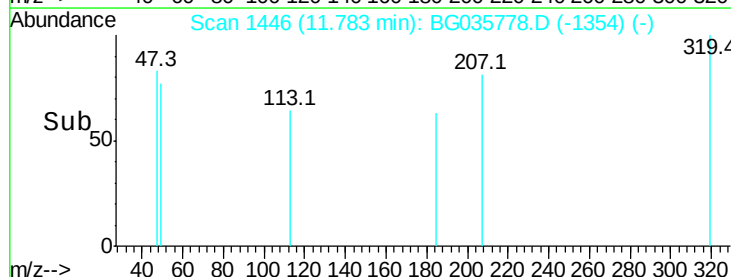
Tgt Ion:	113	Resp:	55
Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#

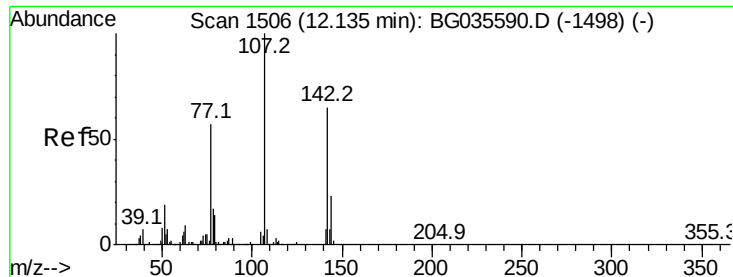


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

11.78

Time-->

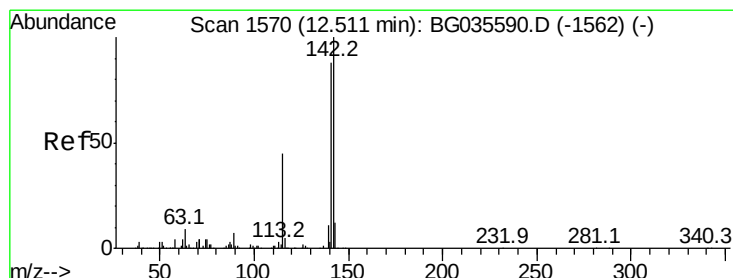
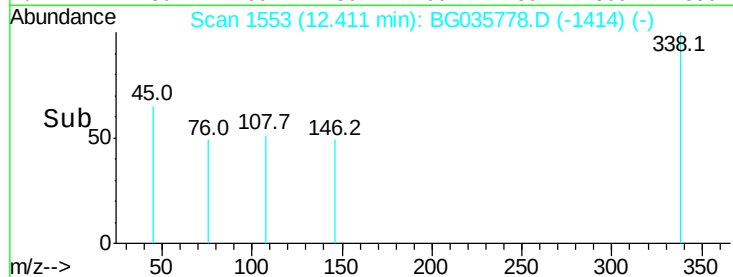
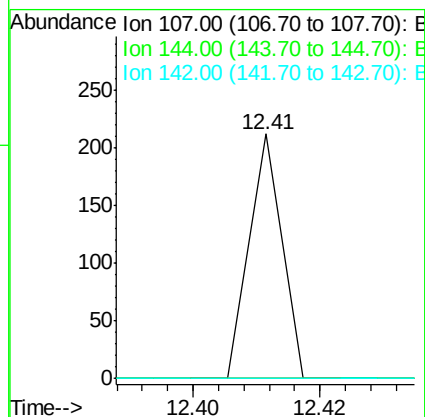
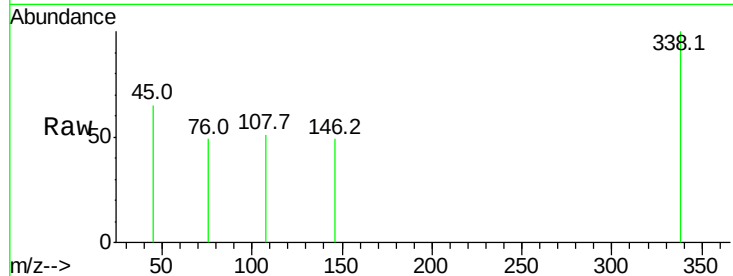




#36
 4-Chloro-3-methylphenol
 Concen: 0.021 ng
 RT: 12.41 min Scan# 1553
 Delta R.T. 0.29 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

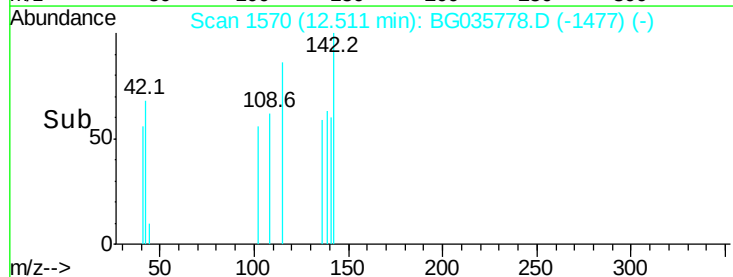
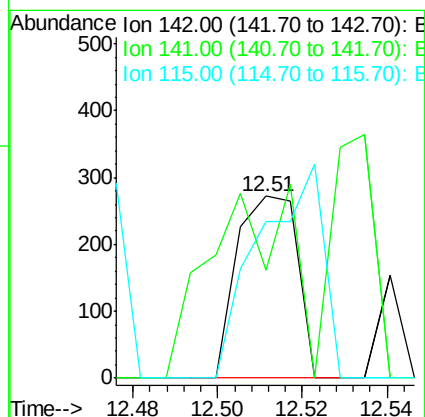
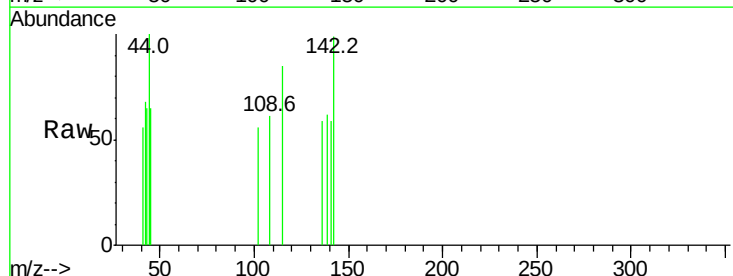
Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-5

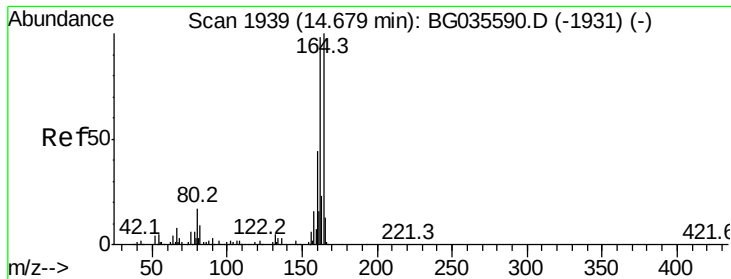
Tot Ion:107 Resp: 75
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#



#37
 2-Methylnaphthalene
 Concen: 0.044 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

Tgt Ion:142 Resp: 269
 Ion Ratio Lower Upper
 142 100
 141 59.6 67.1 100.7#
 115 86.0 30.7 46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

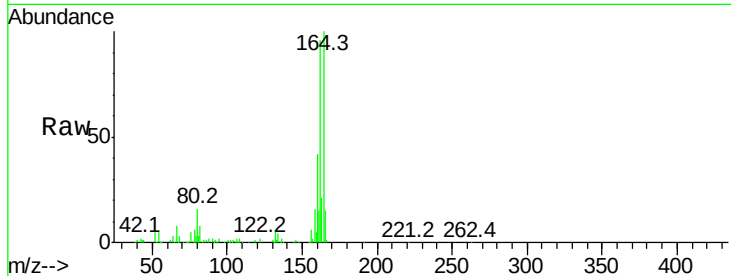
Tot Ion:164 Resp: 108155

Ion Ratio Lower Upper

164 100

162 95.9 78.8 118.2

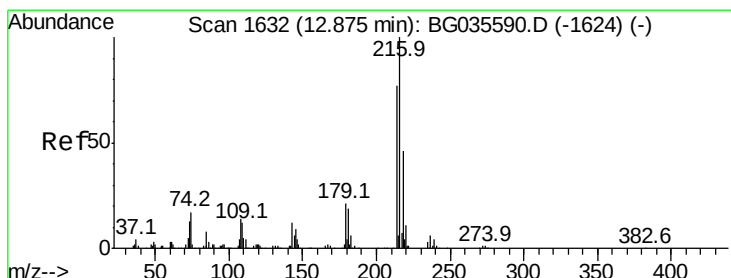
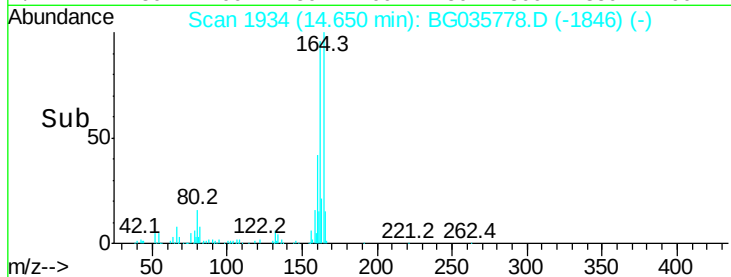
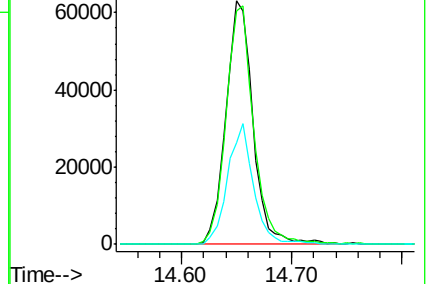
160 41.9 35.4 53.0



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: 0.014 ng

RT: 12.93 min Scan# 1641

Delta R.T. 0.07 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Tgt Ion:216 Resp: 57

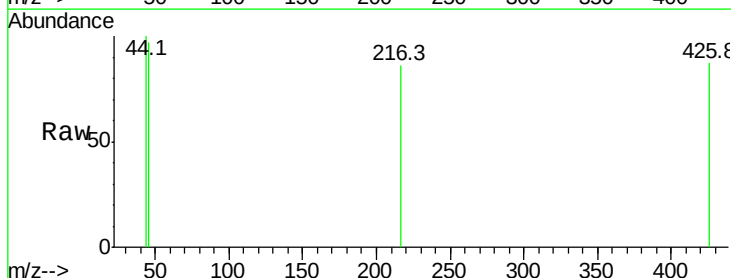
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

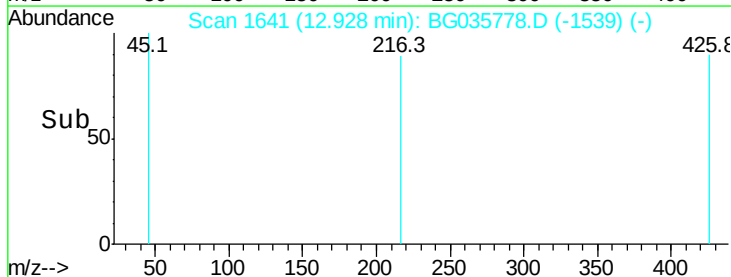
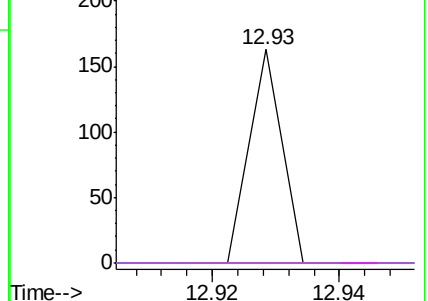


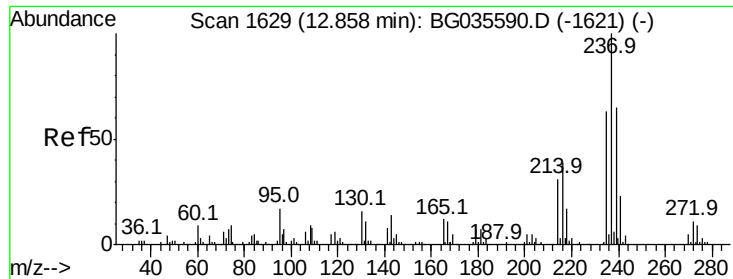
Abundance Ion 216.00 (215.70 to 216.70): E

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

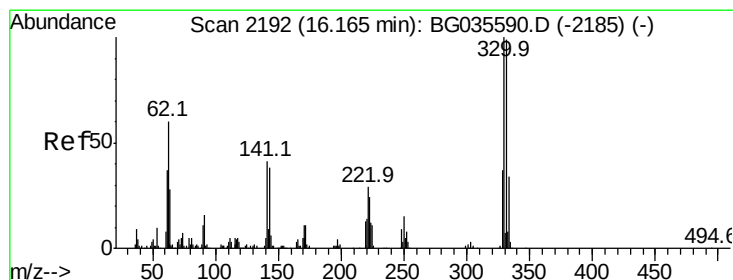
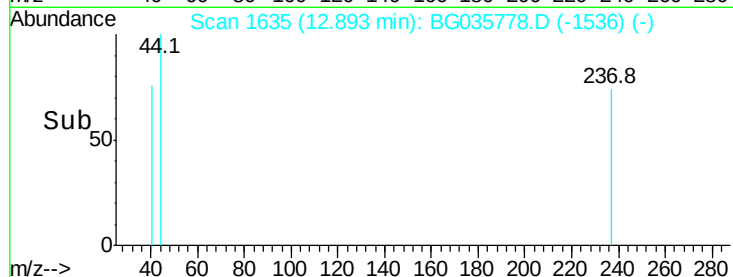
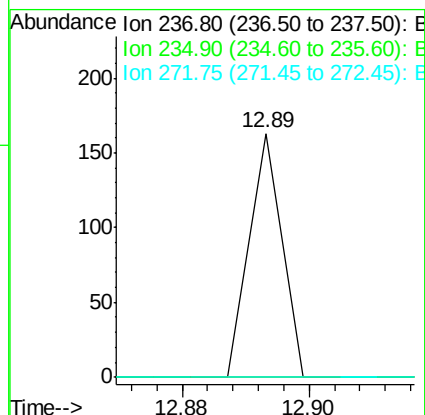
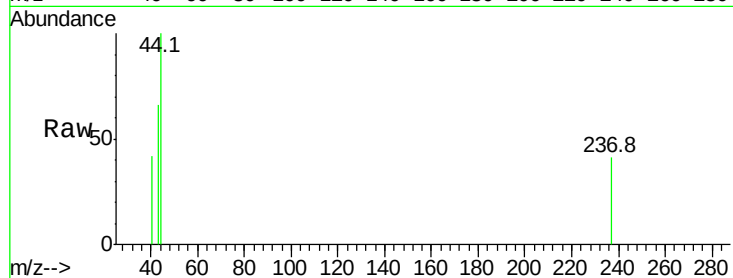




#40
Hexachlorocyclopentadiene
Concen: 0.027 ng
RT: 12.89 min Scan# 1635
Delta R.T. 0.05 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

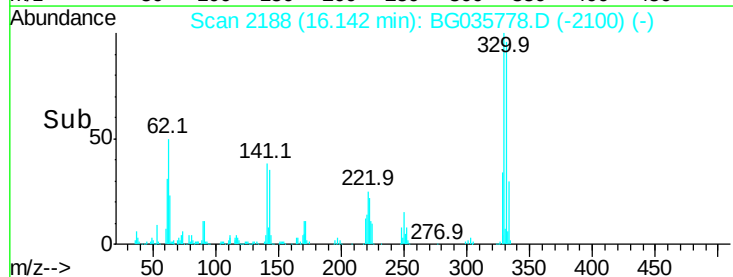
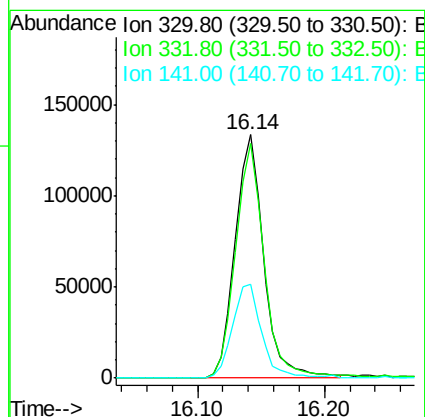
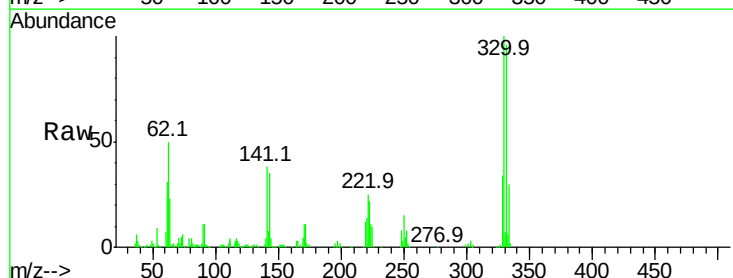
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

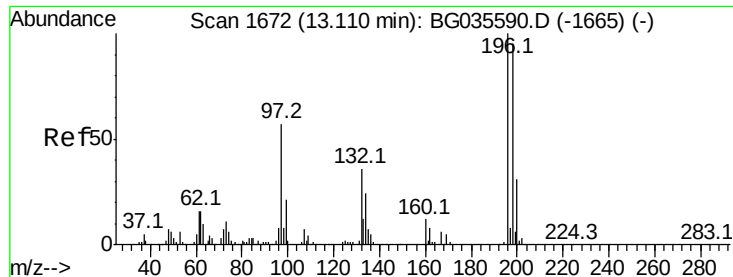
Tot Ion:237 Resp: 57
Ion Ratio Lower Upper
237 100
235 0.0 50.4 90.4#
272 0.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 145.923 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion:330 Resp: 208021
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 38.9 25.2 37.8#

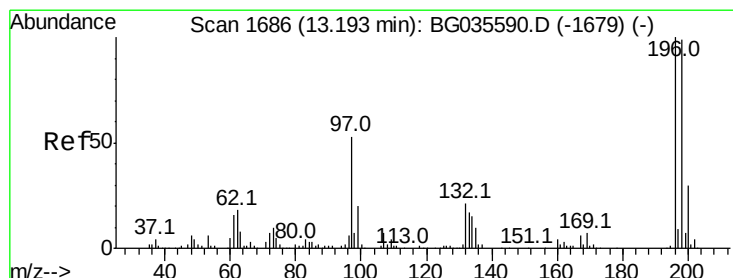
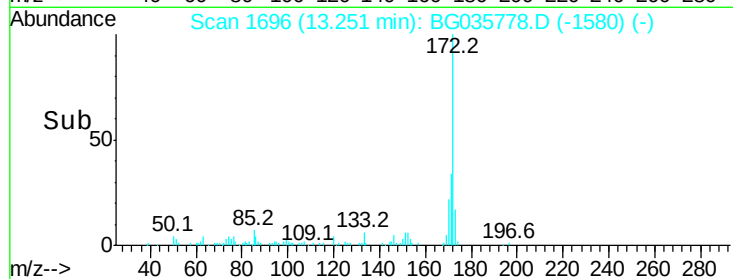
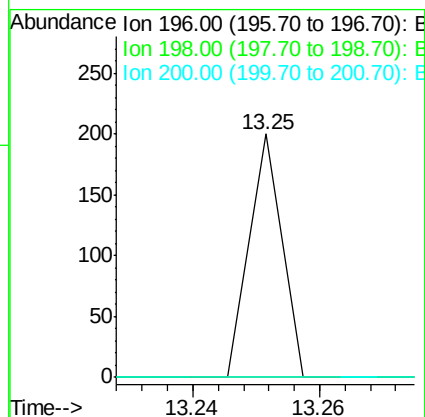
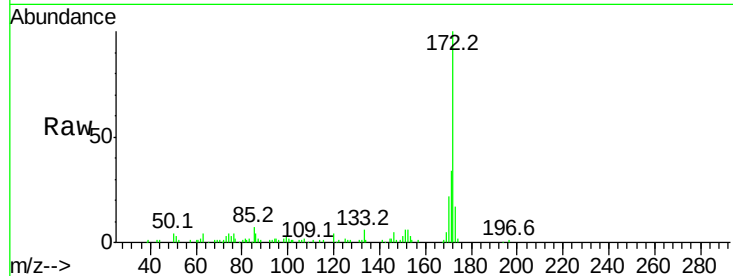




#42
2,4,6-Trichlorophenol
Concen: 0.030 ng
RT: 13.25 min Scan# 1696
Delta R.T. 0.15 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

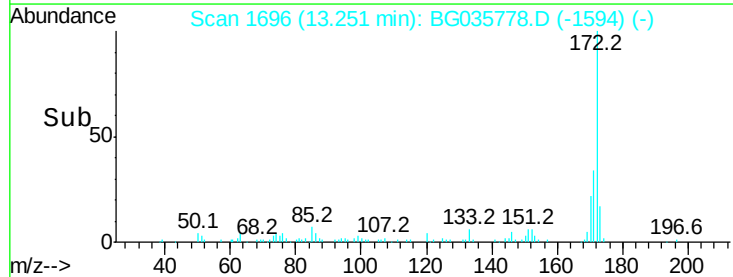
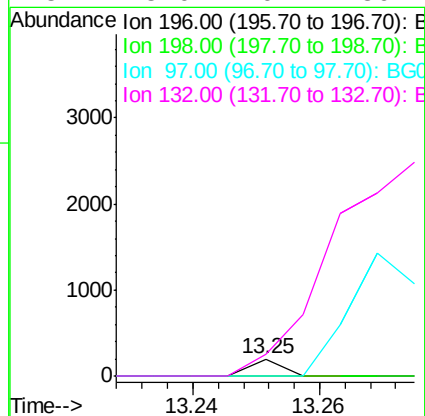
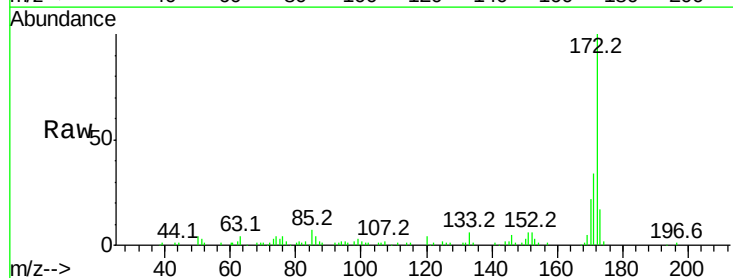
Instrument :
BNA_G
ClientSampled :
LS-SOIL-5

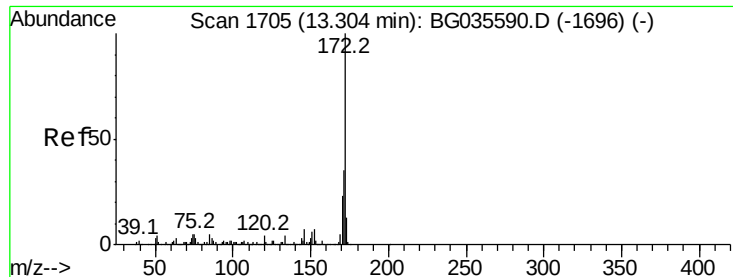
Tot Ion:196 Resp: 71
Ion Ratio Lower Upper
196 100
198 0.0 78.2 117.2#
200 0.0 24.6 36.8#



#43
2,4,5-Trichlorophenol
Concen: 0.027 ng
RT: 13.25 min Scan# 1696
Delta R.T. 0.07 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion:196 Resp: 71
Ion Ratio Lower Upper
196 100
198 0.0 76.2 114.4#
97 0.0 38.7 58.1#
132 123.0 20.2 30.2#

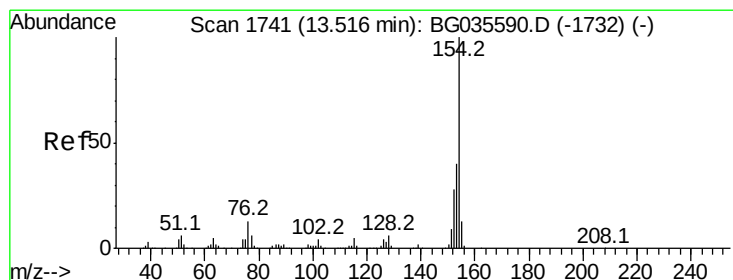
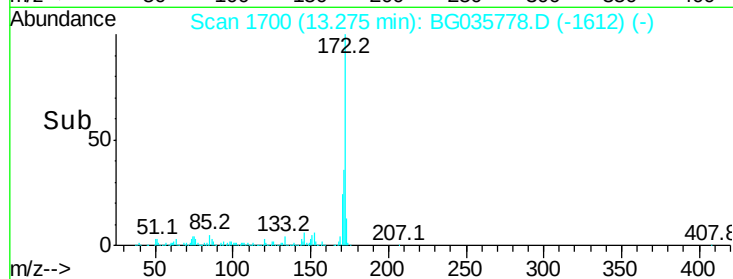
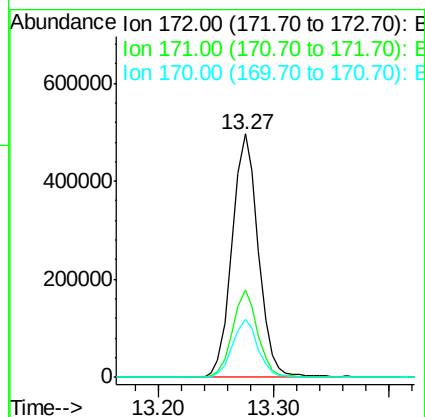
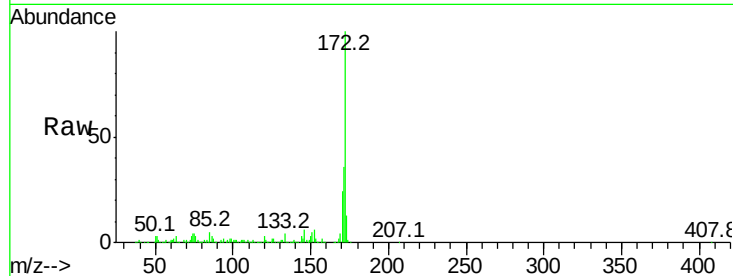




#44
2-Fluorobiphenyl
Concen: 97.309 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

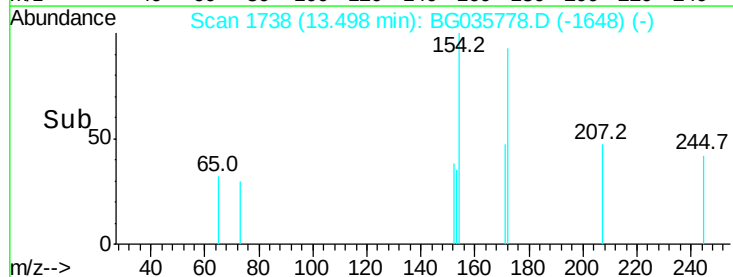
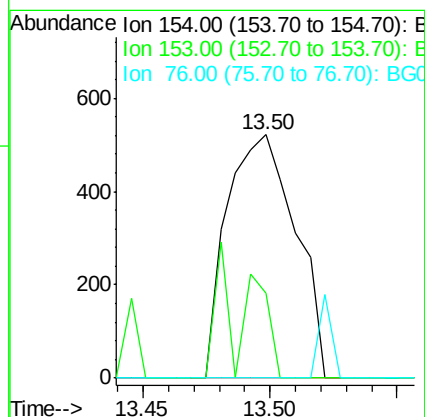
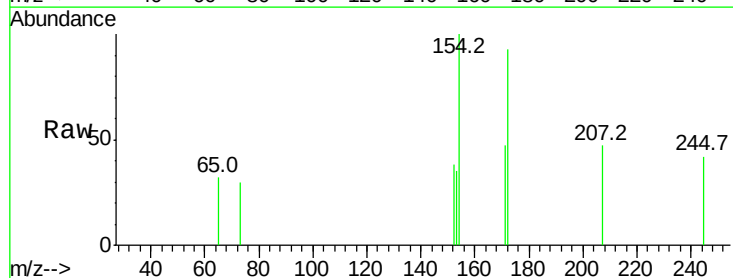
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

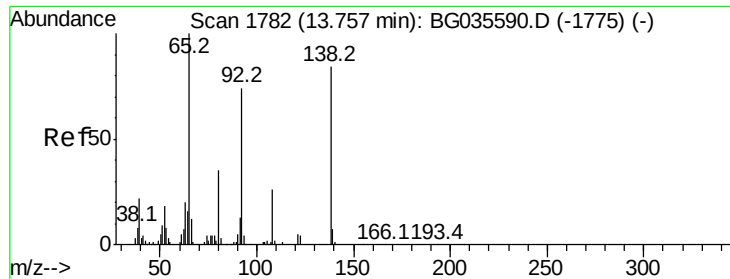
Tot Ion:172 Resp: 785562
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 24.1 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.116 ng
RT: 13.50 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion:154 Resp: 974
Ion Ratio Lower Upper
154 100
153 34.9 19.8 59.8
76 0.0 0.0 31.9

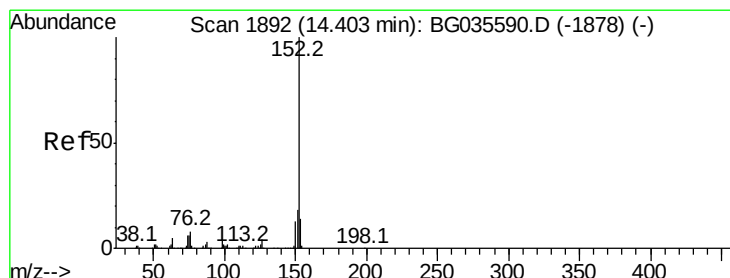
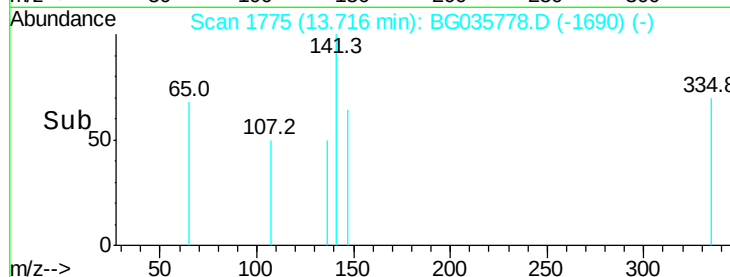
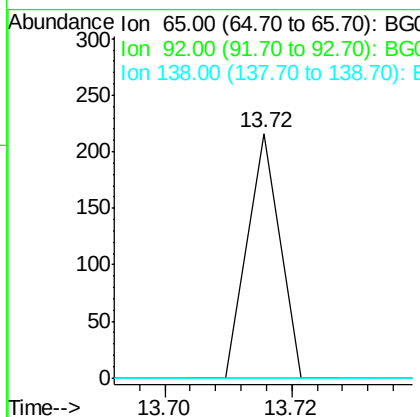
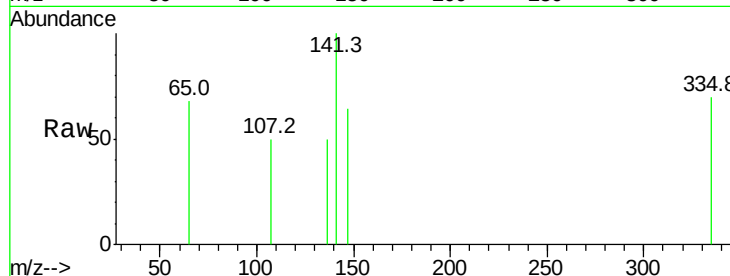




#47
 2-Nitroaniline
 Concen: 0.033 ng
 RT: 13.72 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

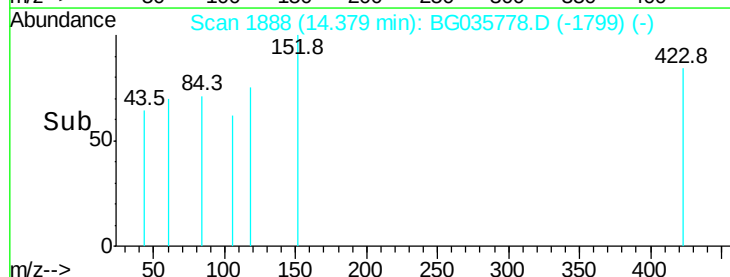
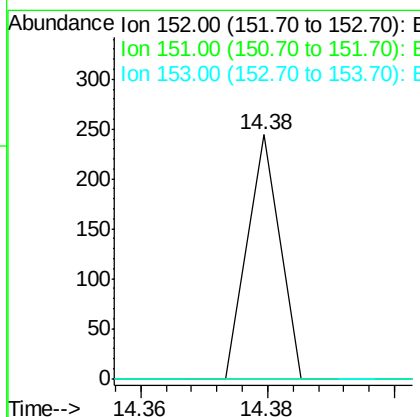
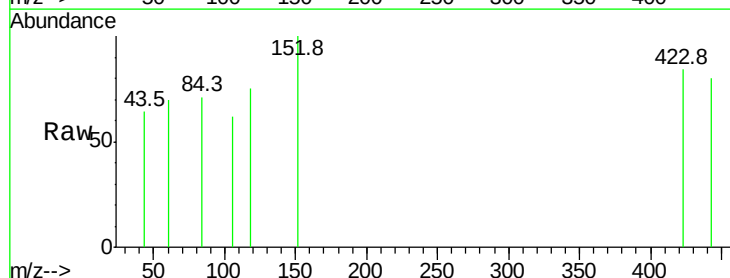
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-5

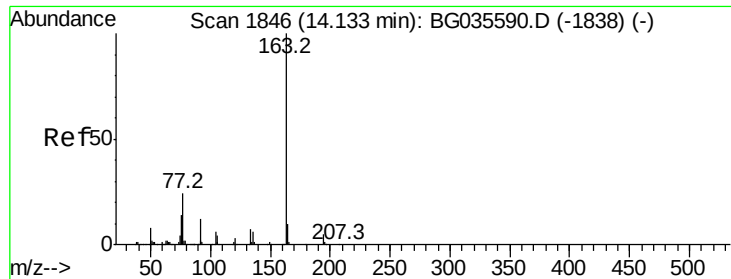
Tot Ion: 65 Resp: 76
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 0.008 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

Tgt Ion: 152 Resp: 86
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.2 25.8#
 153 0.0 10.2 15.4#





#49

Dimethylphthalate

Concen: 0.007 ng

RT: 13.87 min Scan# 1802

Delta R.T. -0.24 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

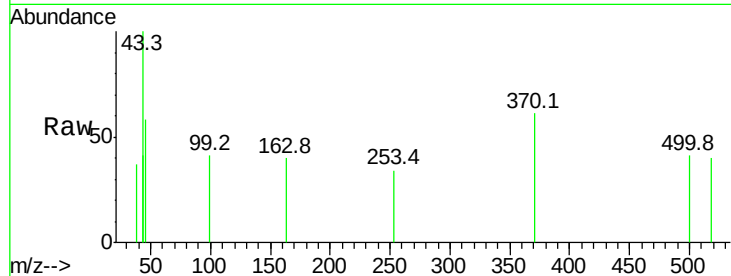
Tot Ion:163 Resp: 65

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

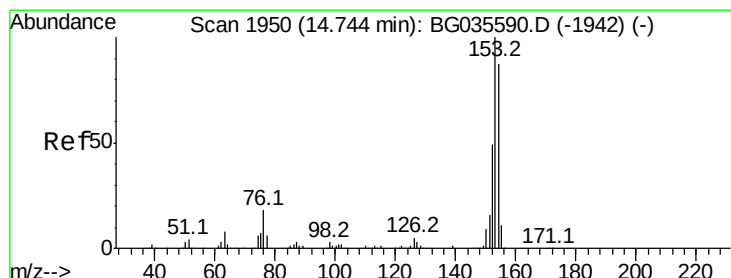
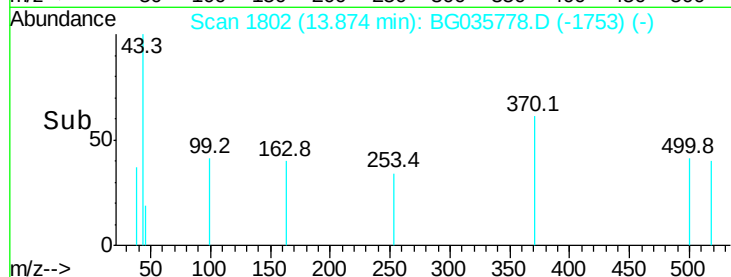
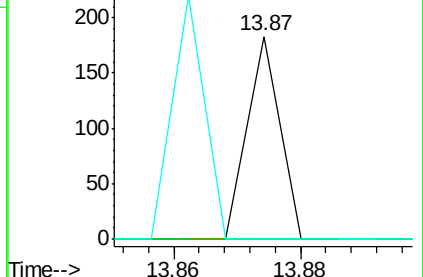
164 0.0 8.2 12.4#



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



#51

Acenaphthene

Concen: 0.032 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

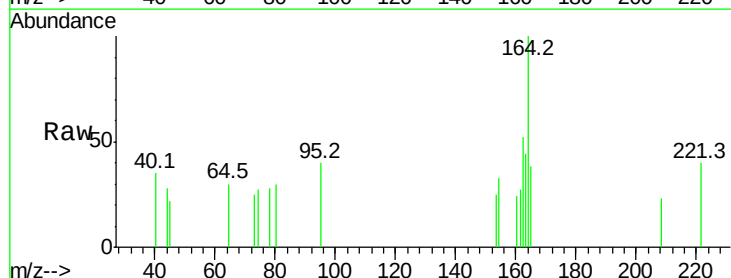
Tgt Ion:154 Resp: 215

Ion Ratio Lower Upper

154 100

153 75.6 90.4 135.6#

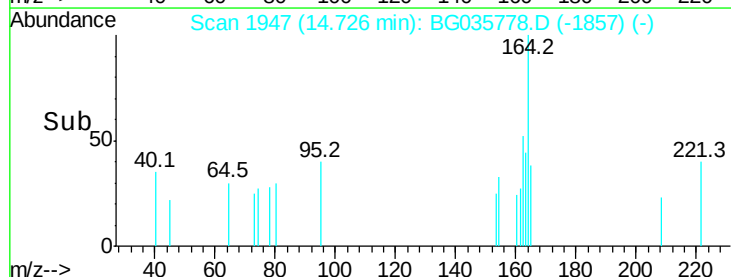
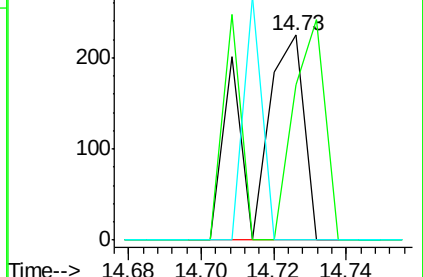
152 0.0 41.6 62.4#

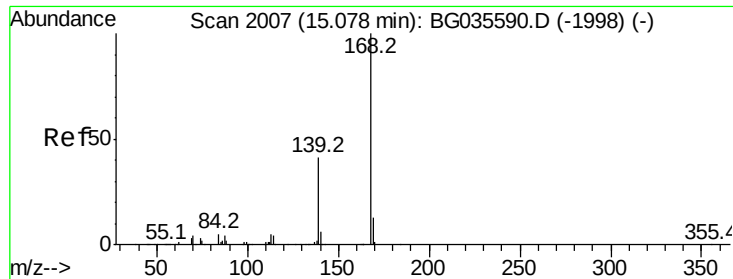


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.014 ng

RT: 15.11 min Scan# 2012

Delta R.T. 0.05 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

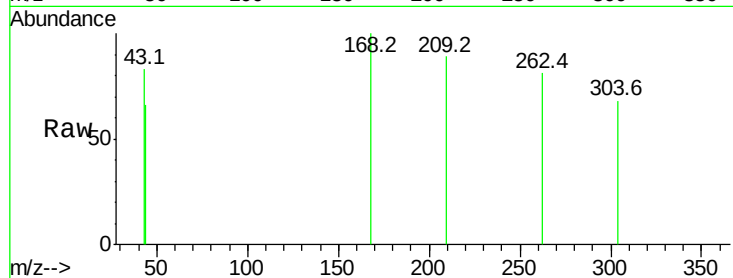
Tot Ion:168 Resp: 148

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

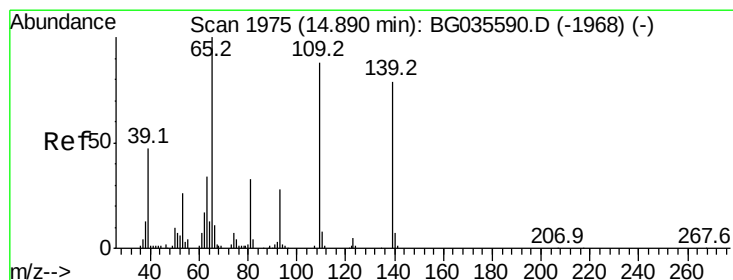
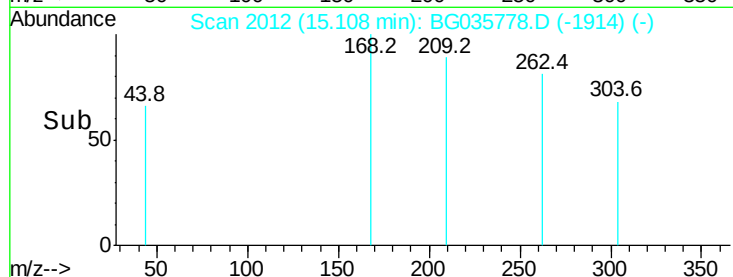
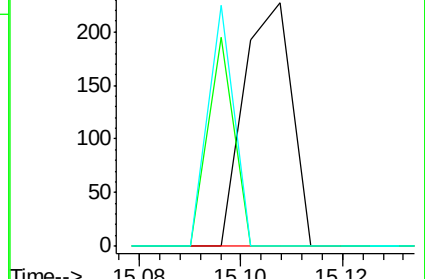
169 0.0 11.2 16.8#



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: 0.049 ng

RT: 15.10 min Scan# 2010

Delta R.T. 0.21 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

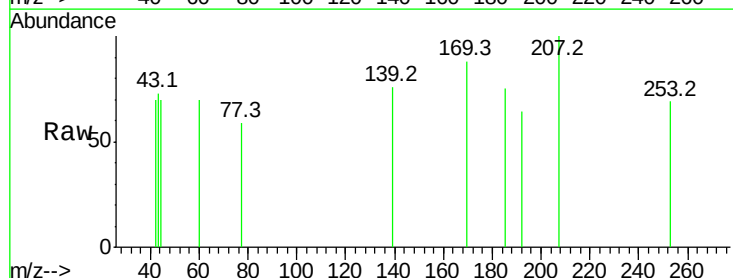
Tgt Ion:139 Resp: 69

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

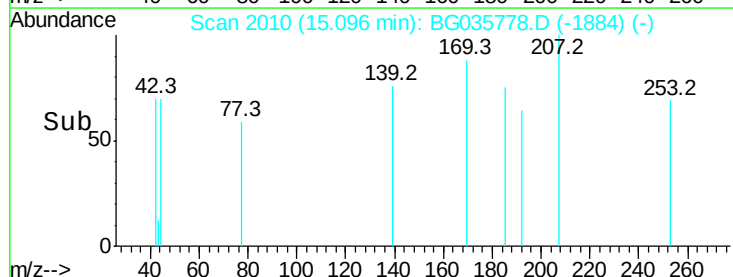
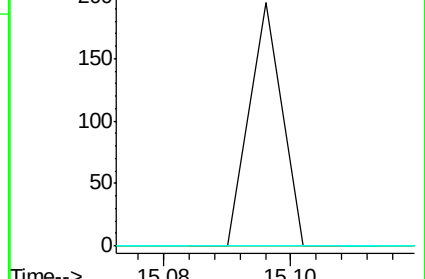
65 0.0 97.2 137.2#

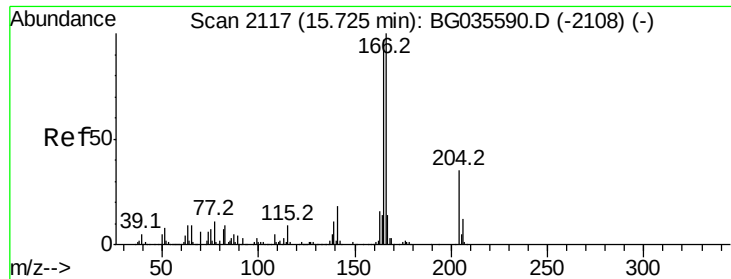


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

Fluorene

Concen: 0.852 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.44 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

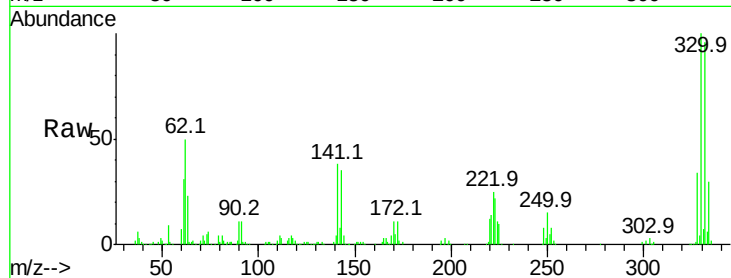
Tot Ion:166 Resp: 7729

Ion Ratio Lower Upper

166 100

165 103.3 80.6 121.0

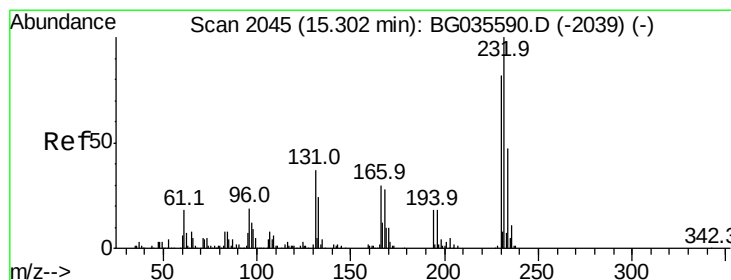
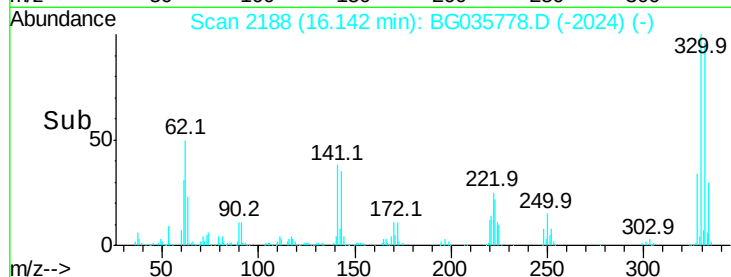
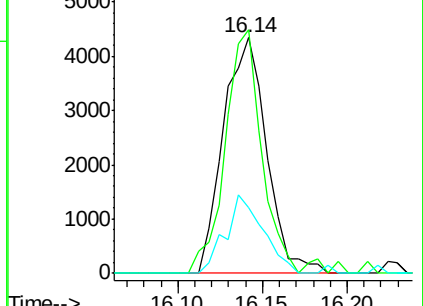
167 27.8 10.4 15.6#



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: 0.024 ng

RT: 15.29 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Tgt Ion:232 Resp: 62

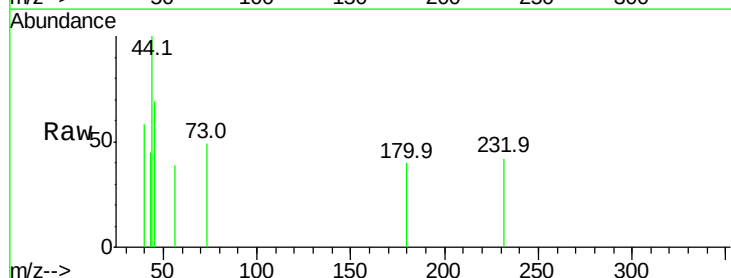
Ion Ratio Lower Upper

232 100

131 0.0 33.5 50.3#

130 0.0 2.2 3.2#

166 0.0 24.8 37.2#

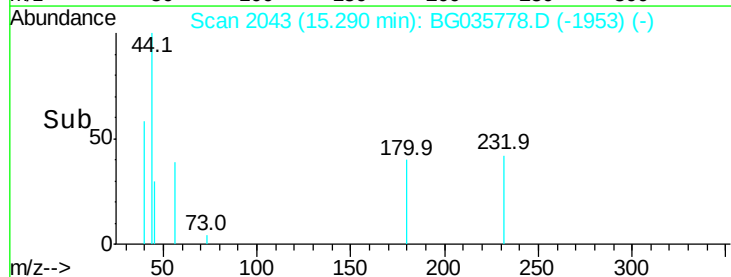
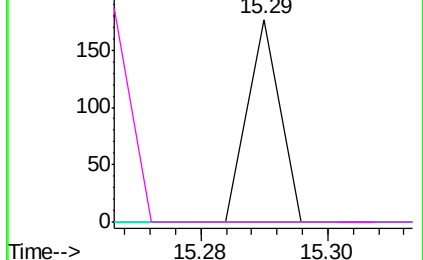


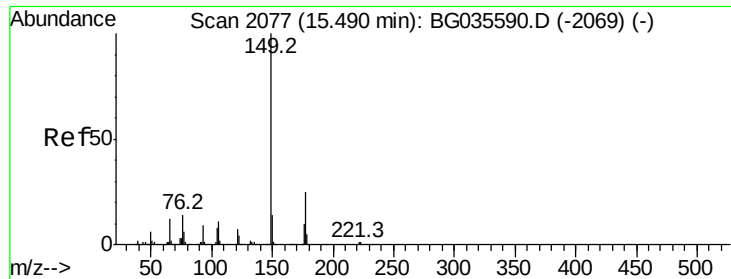
Abundance Ion 232.00 (231.70 to 232.70): E

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

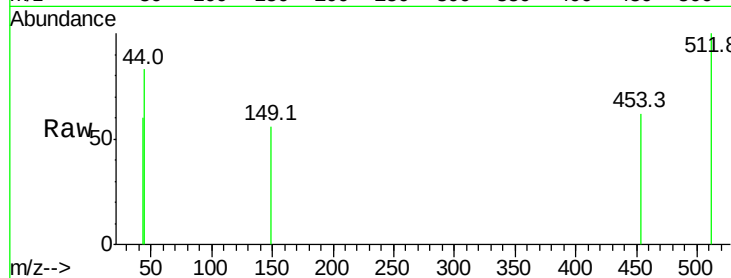




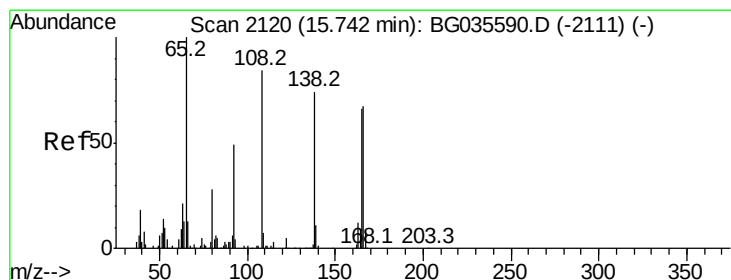
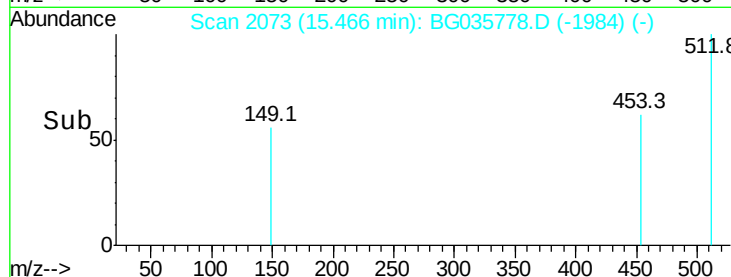
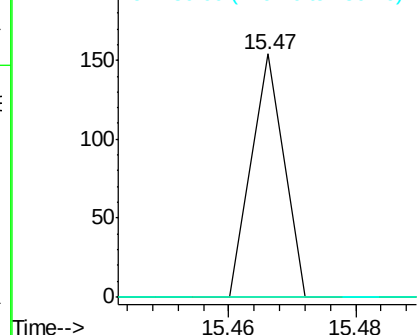
#59
Diethylphthalate
Concen: 0.006 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

Tot Ion:149 Resp: 54
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#

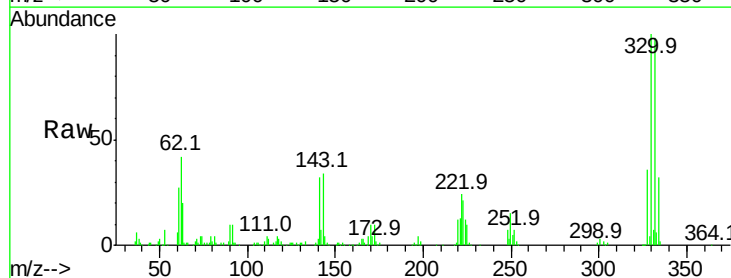


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

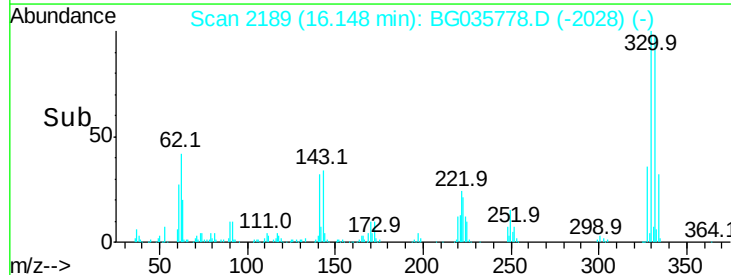
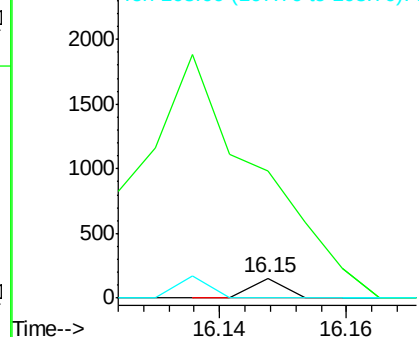


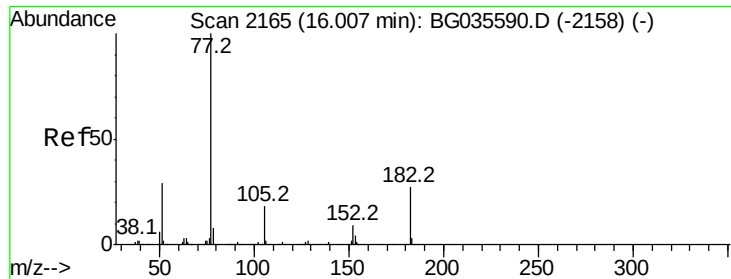
#61
4-Nitroaniline
Concen: 0.026 ng
RT: 16.15 min Scan# 2189
Delta R.T. 0.42 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 643.1 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): BGC
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.007 ng

RT: 15.99 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

Tot Ion: 77 Resp: 70

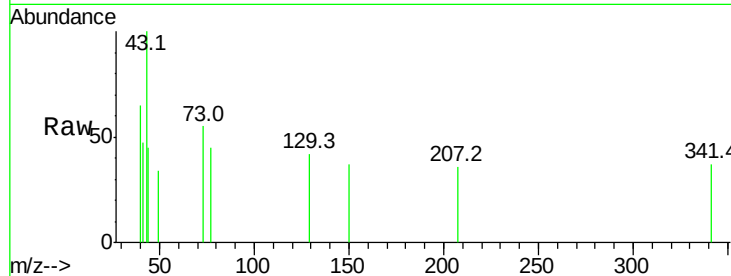
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 0.0 11.6 51.6#

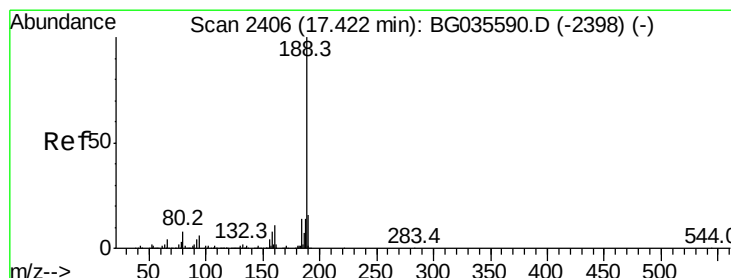
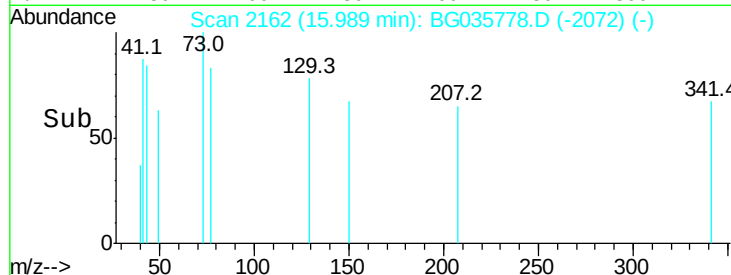
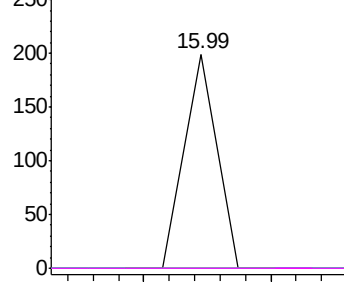


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

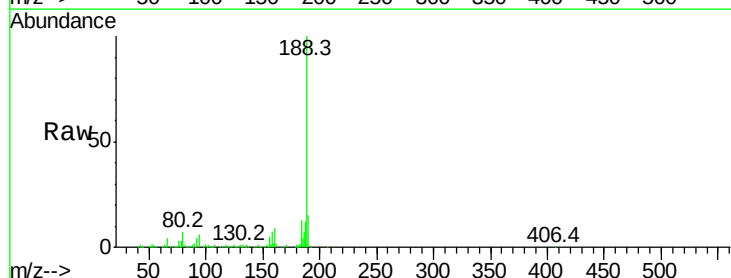
Tgt Ion: 188 Resp: 288169

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

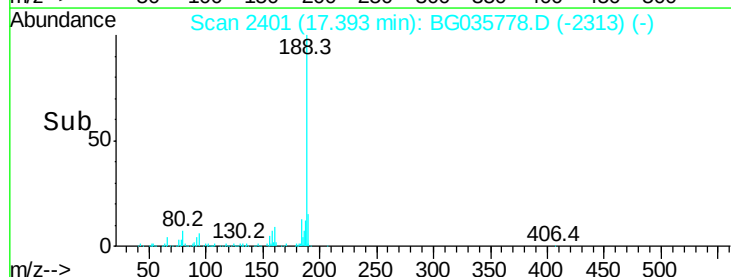
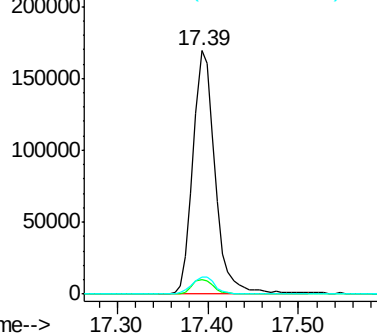
80 7.1 7.7 11.5#

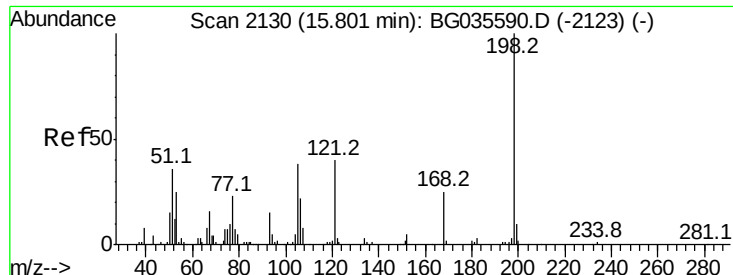


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

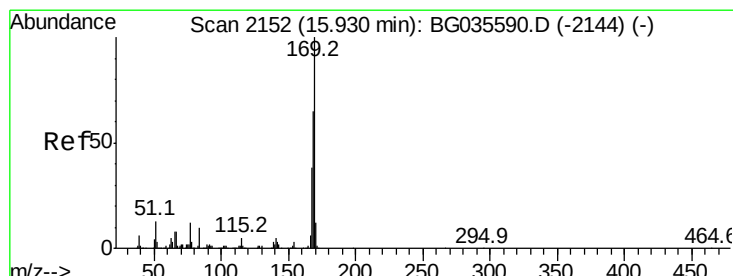
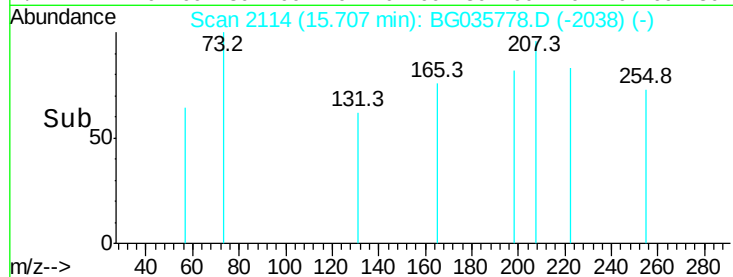
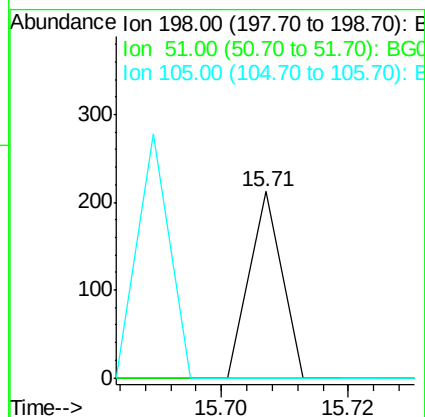
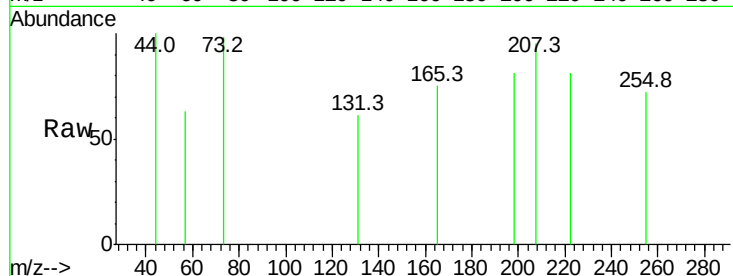




#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.047 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.08 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

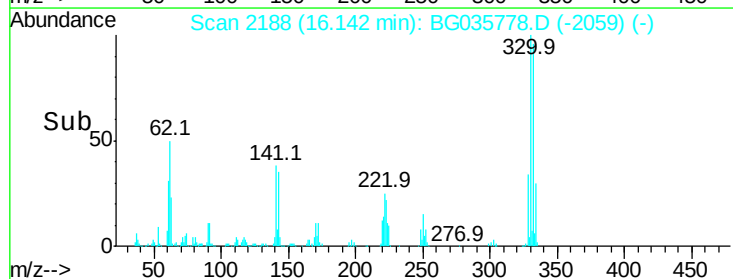
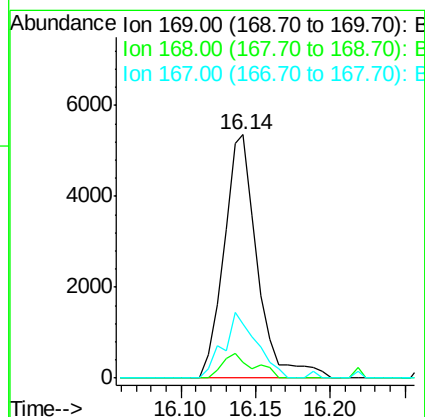
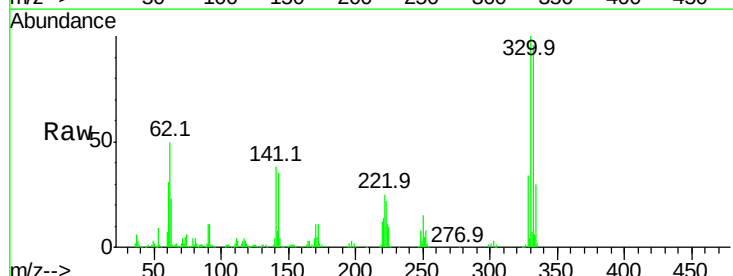
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-5

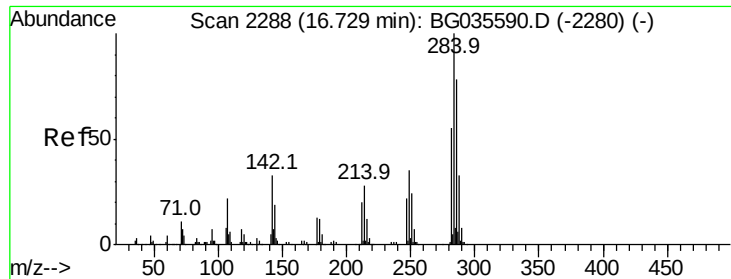
Tot Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



#65
 n-Nitrosodiphenylamine
 Concen: 1.017 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.23 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	6.4	55.7	83.5#
167	22.5	30.1	45.1#

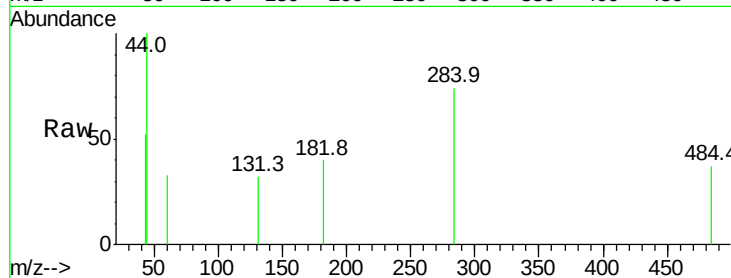




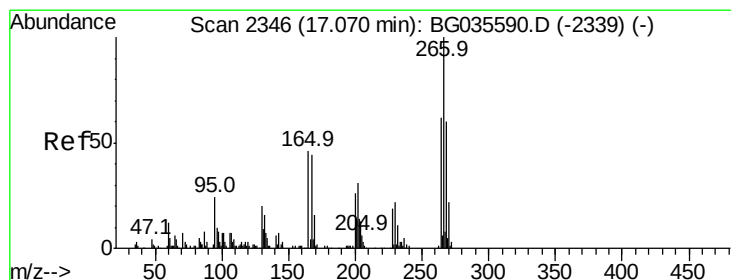
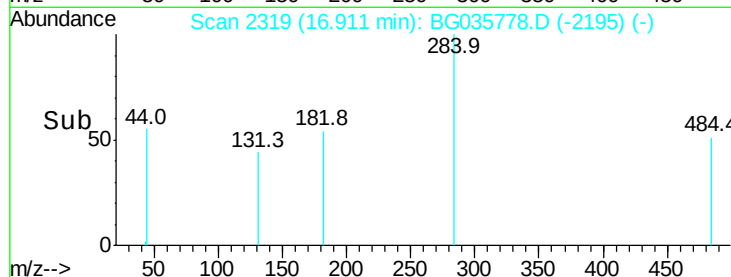
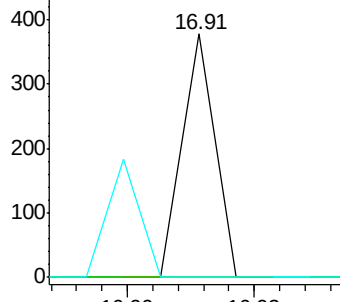
#67
Hexachlorobenzene
Concen: 0.039 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.20 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

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

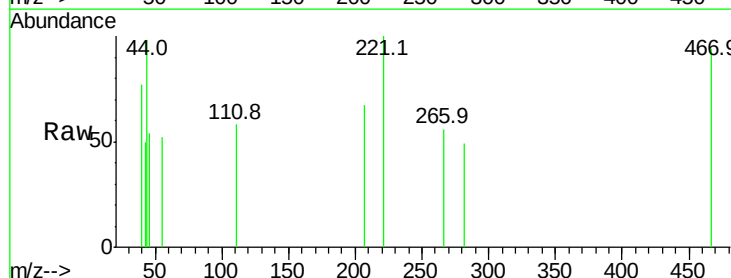


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

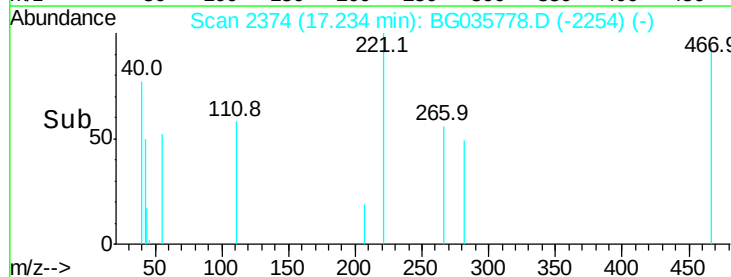
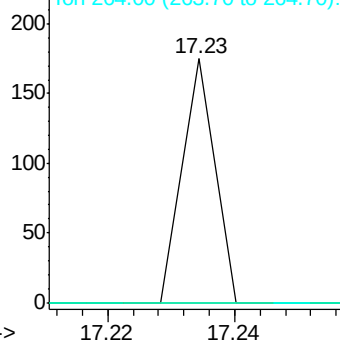


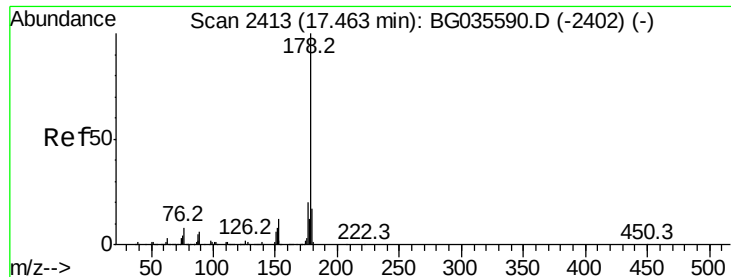
#69
Pentachlorophenol
Concen: 0.030 ng
RT: 17.23 min Scan# 2374
Delta R.T. 0.18 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

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





#70

Phenanthrene

Concen: 0.061 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

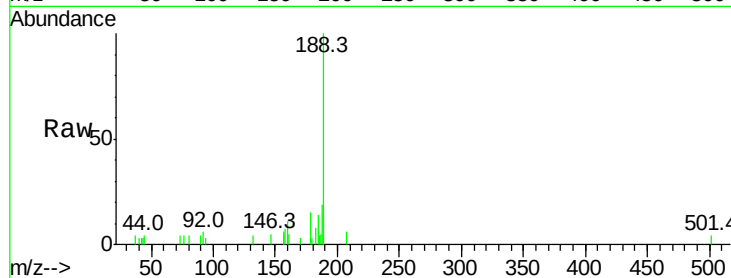
Tot Ion:178 Resp: 880

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

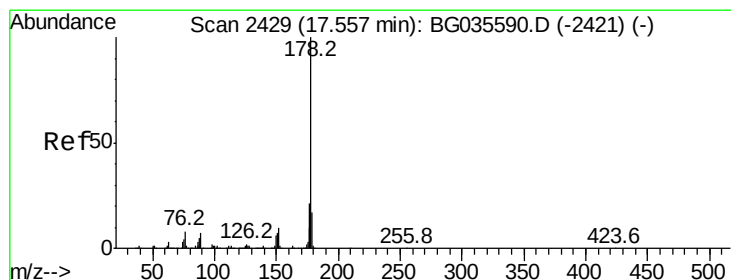
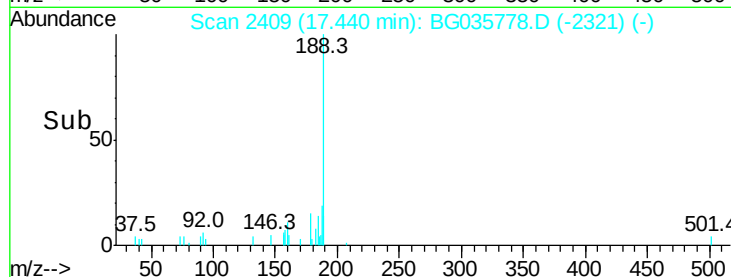
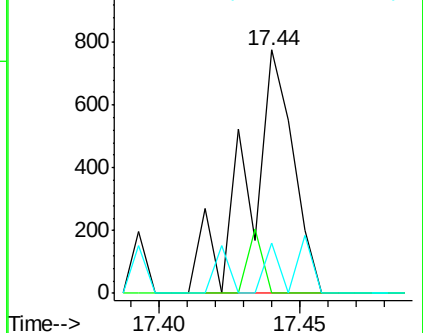
179 20.6 12.5 18.7#



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: 0.061 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.10 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

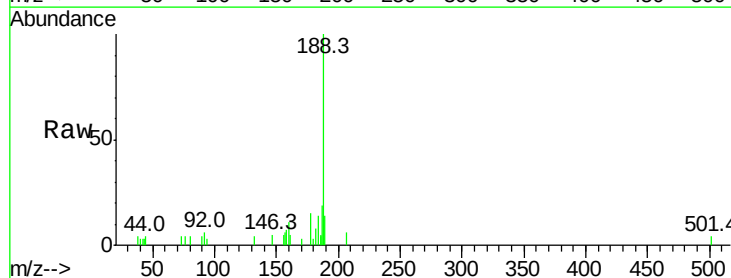
Tgt Ion:178 Resp: 880

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

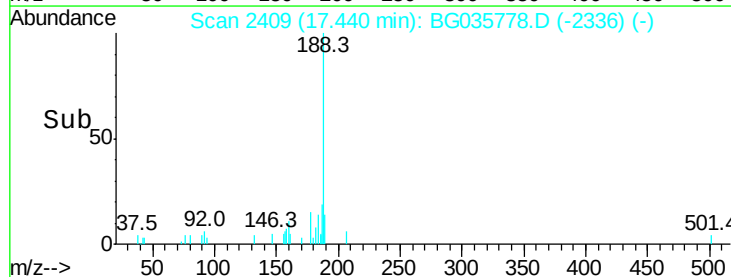
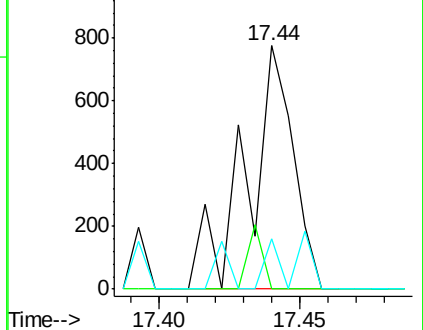
179 20.6 12.5 18.7#

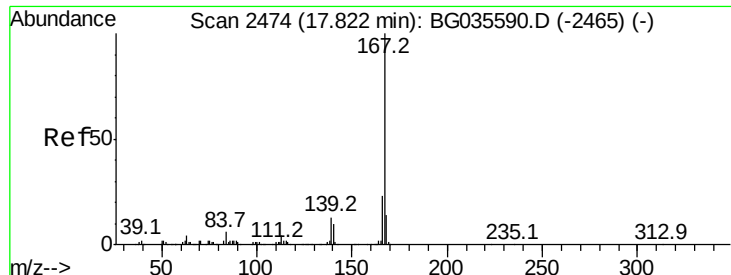


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.011 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.40 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

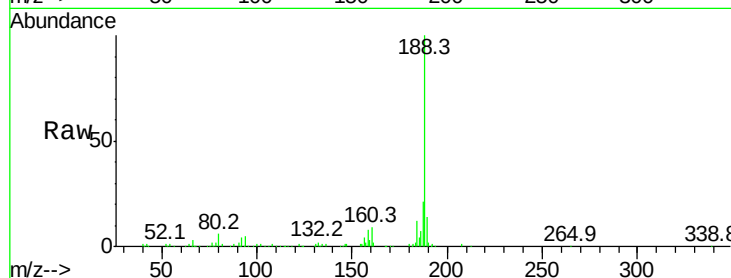
Tot Ion:167 Resp: 146

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

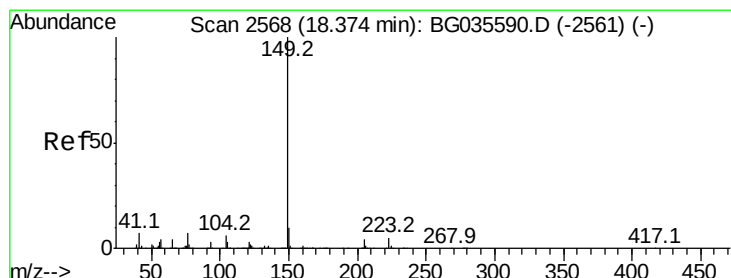
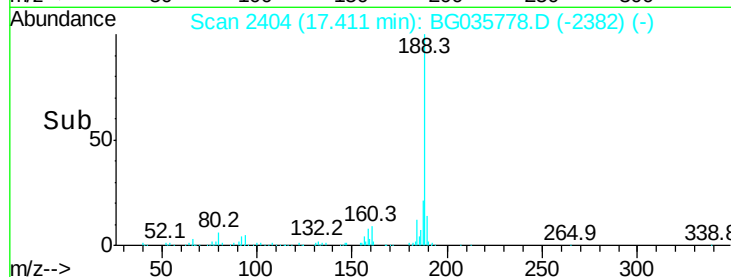
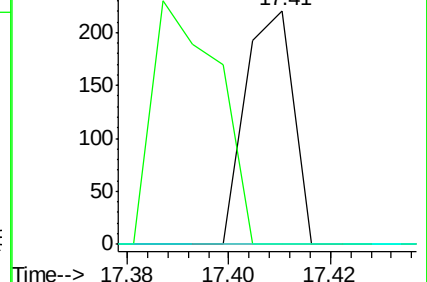
139 0.0 9.4 14.2#



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



#73

Di-n-butylphthalate

Concen: 0.064 ng

RT: 18.37 min Scan# 2567

Delta R.T. 0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

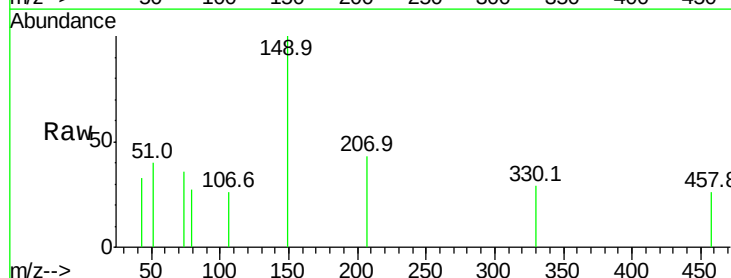
Tgt Ion:149 Resp: 1030

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

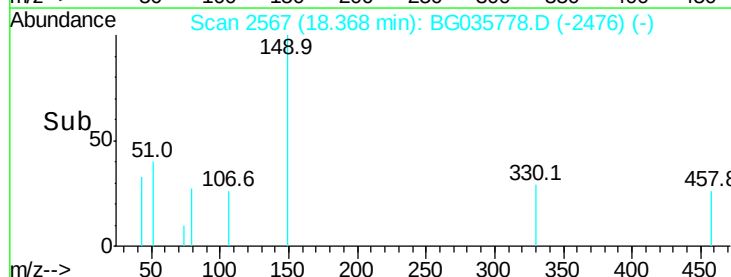
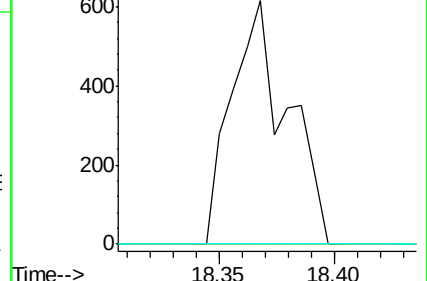
104 0.0 3.9 5.9#

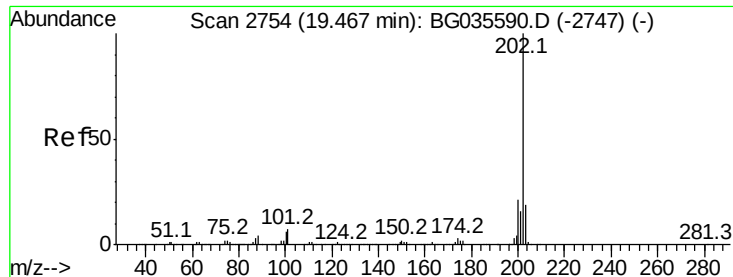


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.003 ng

RT: 19.08 min Scan# 2689

Delta R.T. -0.37 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

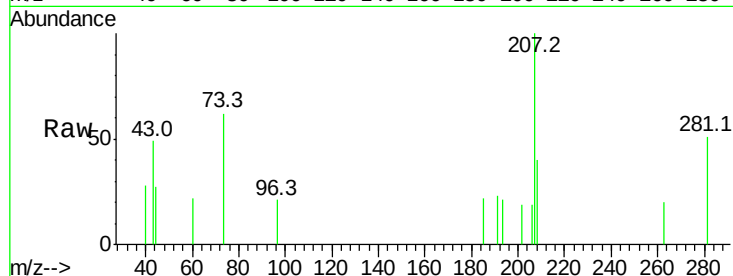
Tot Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

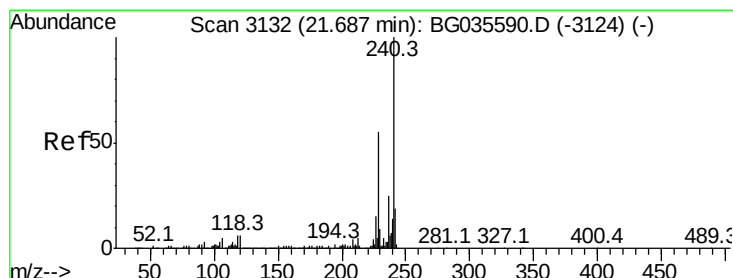
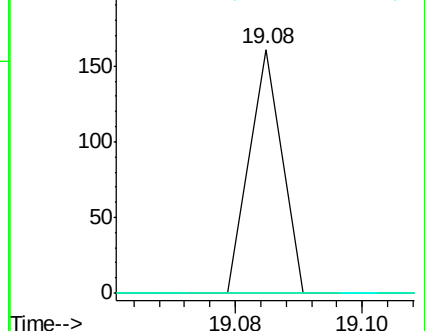
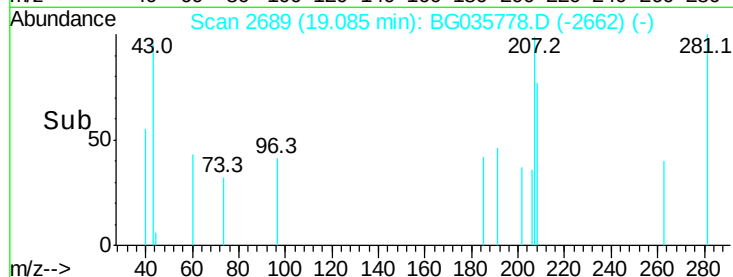
203 0.0 0.0 37.5



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: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

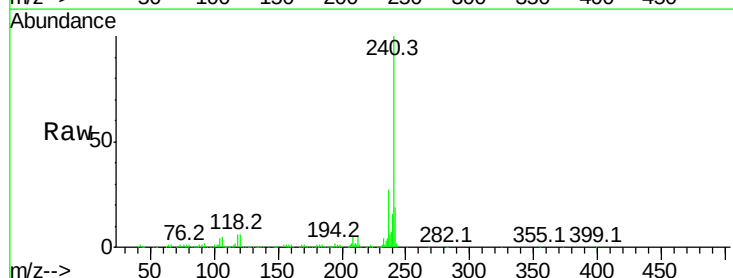
Tgt Ion:240 Resp: 354789

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

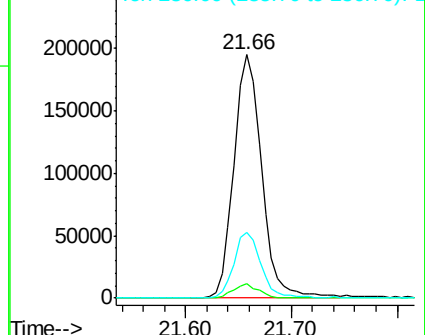
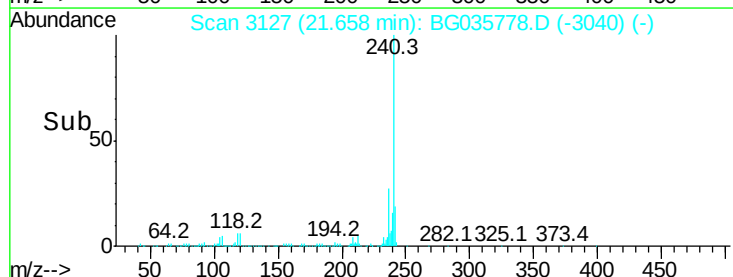
236 27.0 20.9 31.3

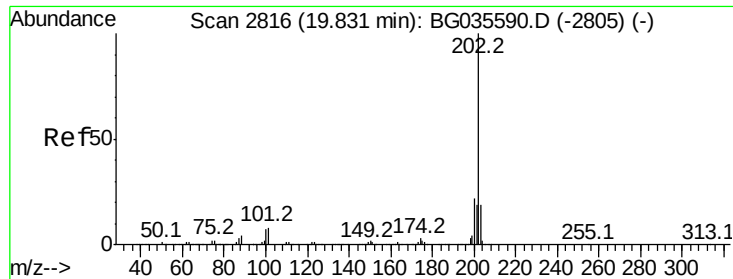


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.027 ng

RT: 19.82 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

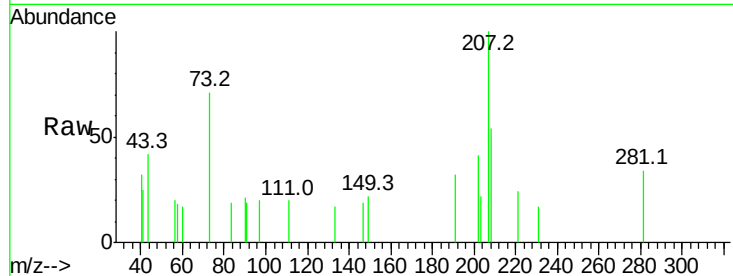
Tot Ion:202 Resp: 602

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

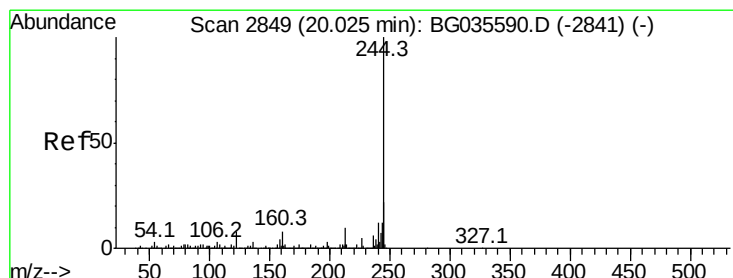
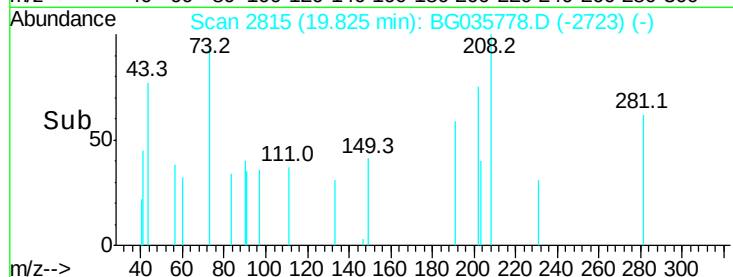
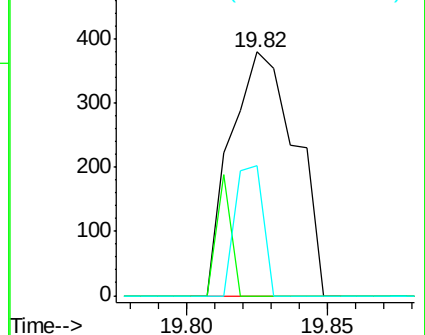
203 53.3 13.9 20.9#



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: 95.086 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

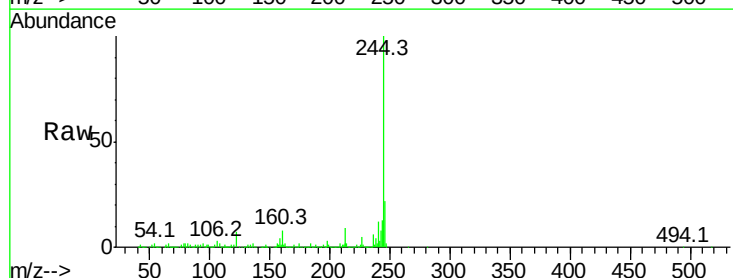
Tgt Ion:244 Resp: 1530440

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

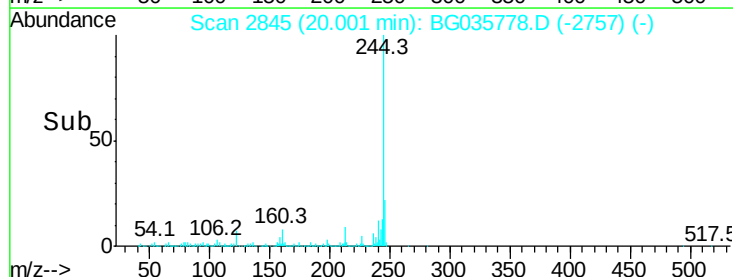
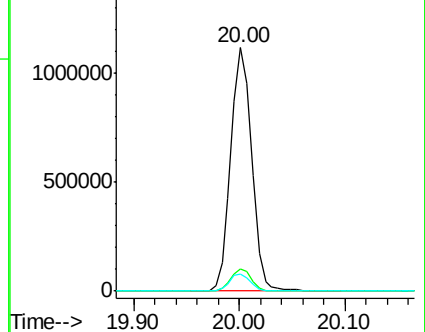
122 7.1 7.0 10.4

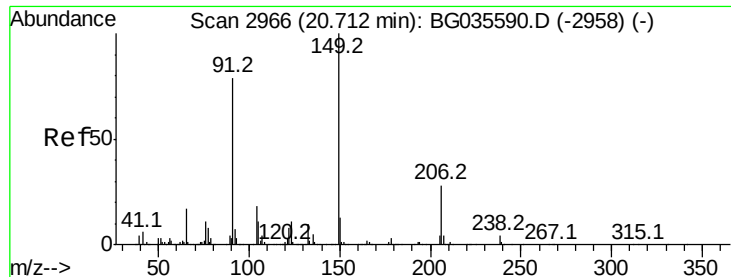


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

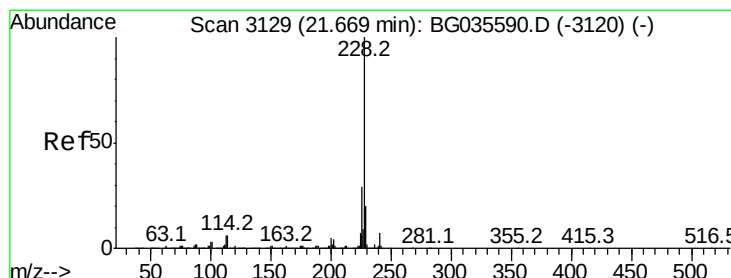
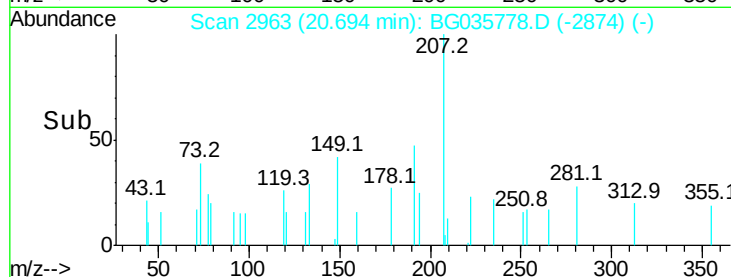
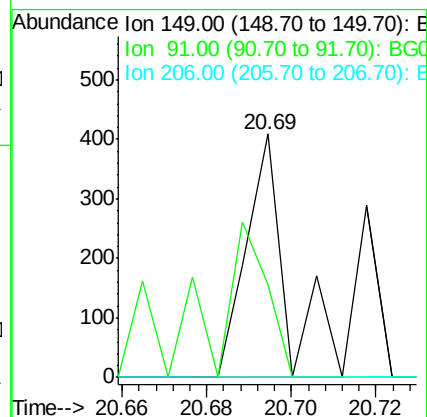
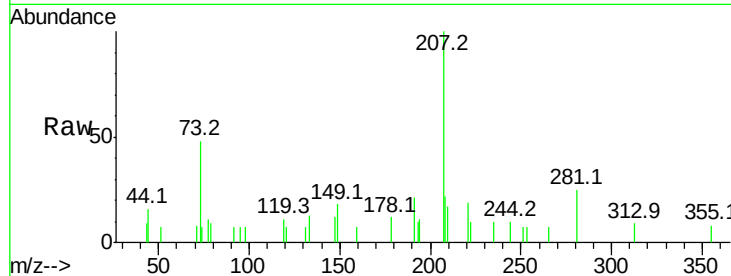




#79
Butylbenzylphthalate
Concen: 0.034 ng
RT: 20.69 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

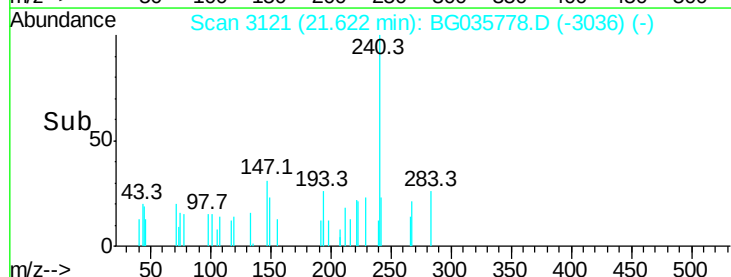
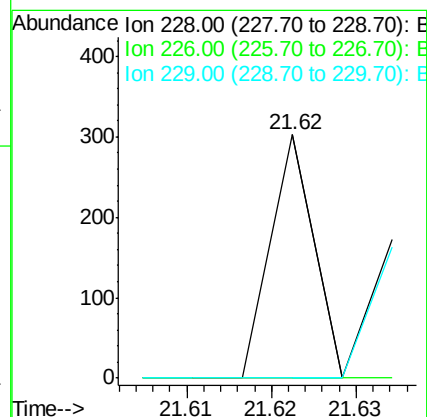
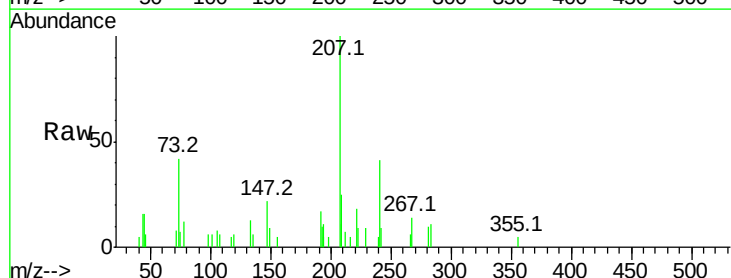
Instrument :
BNA_G
ClientSampled :
LS-SOIL-5

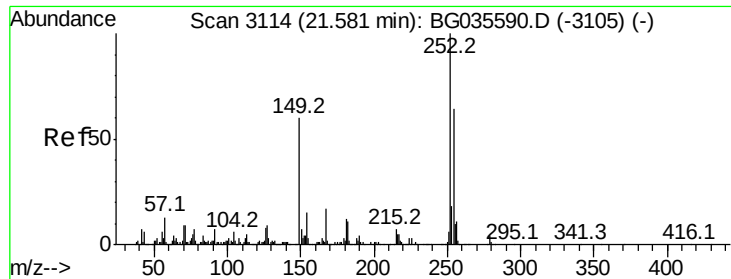
Tot Ion:149 Resp: 271
Ion Ratio Lower Upper
149 100
91 37.9 62.2 93.2#
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.005 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.03 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion:228 Resp: 107
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 0.0 16.2 24.2#

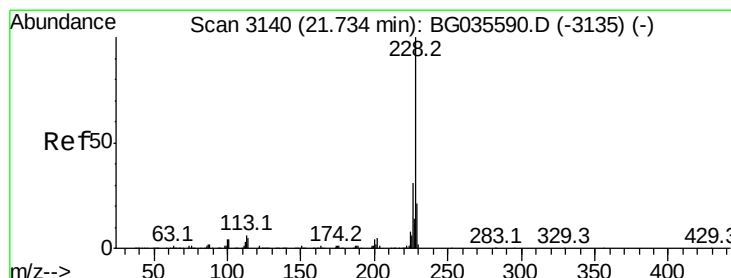
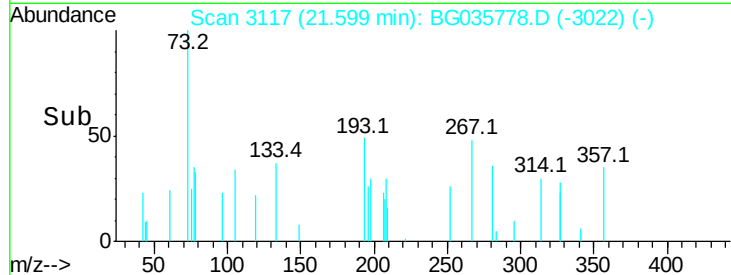
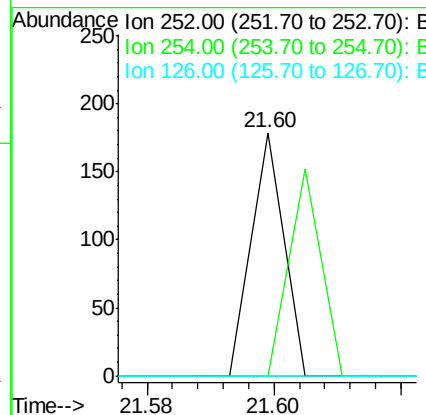
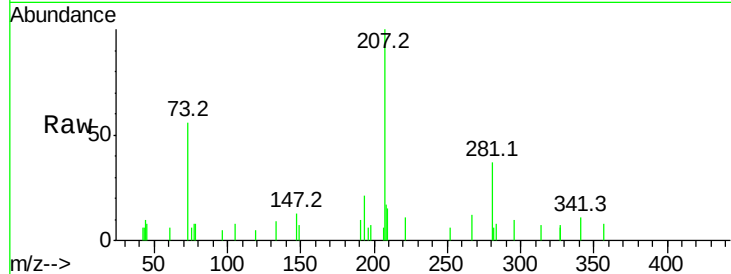




#81
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. 0.03 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

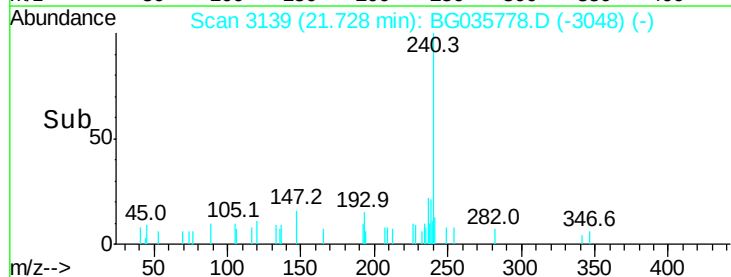
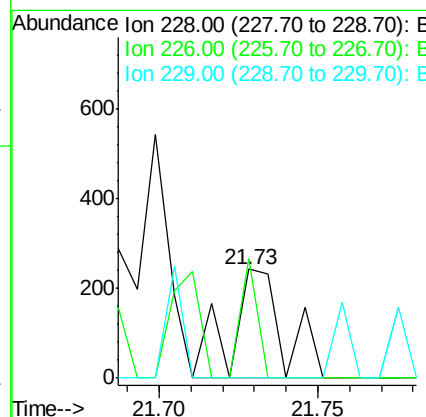
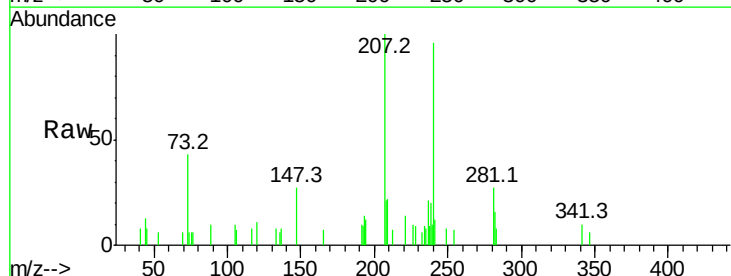
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-5

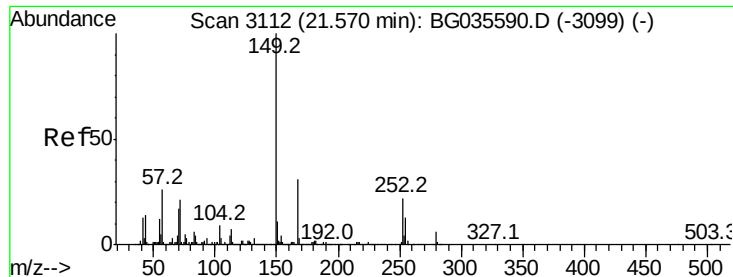
Tot Ion:252 Resp: 63
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#



#82
 Chrysene
 Concen: 0.014 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG035778.D
 Acq: 20 Jul 2018 10:24

Tgt Ion:228 Resp: 282
 Ion Ratio Lower Upper
 228 100
 226 109.5 24.9 37.3#
 229 0.0 15.0 22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

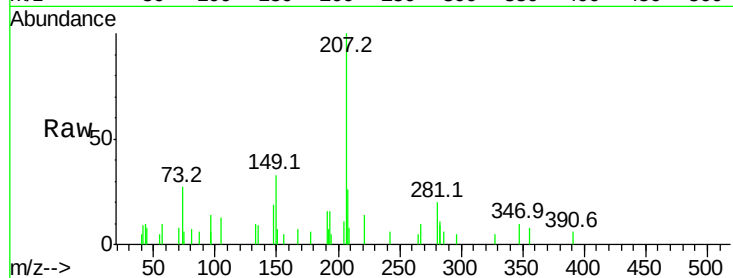
Tot Ion:149 Resp: 1536

Ion Ratio Lower Upper

149 100

167 21.3 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

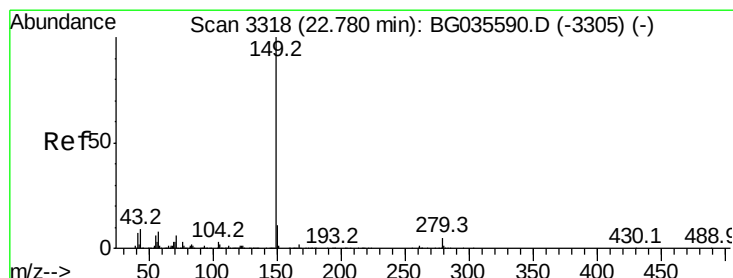
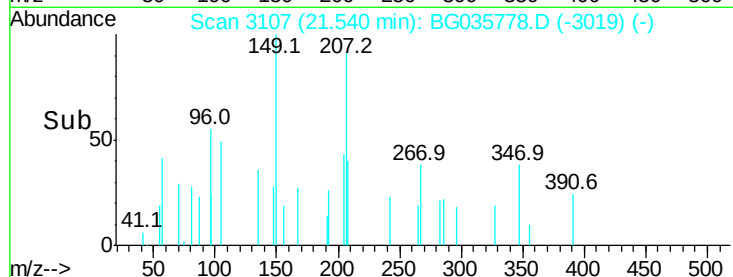
21.54

1000

500

0

Time-->



#84

Di-n-octyl phthalate

Concen: 0.017 ng

RT: 22.72 min Scan# 3308

Delta R.T. -0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

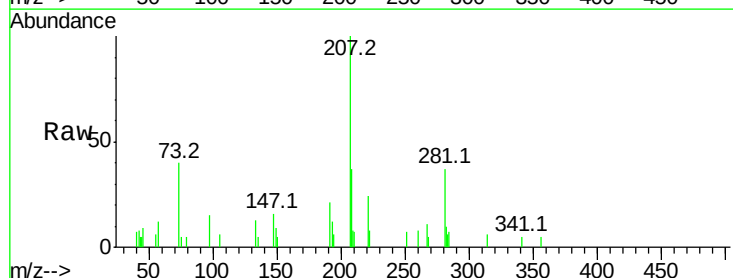
Tgt Ion:149 Resp: 302

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 124.8 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

500

400

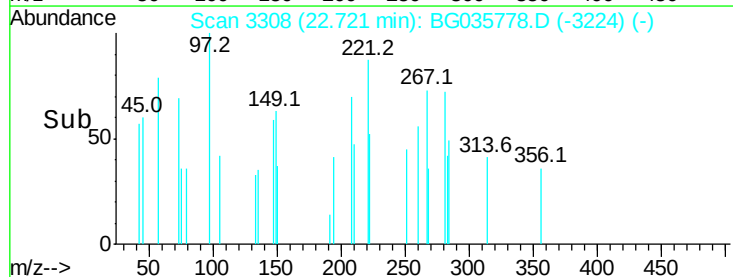
300

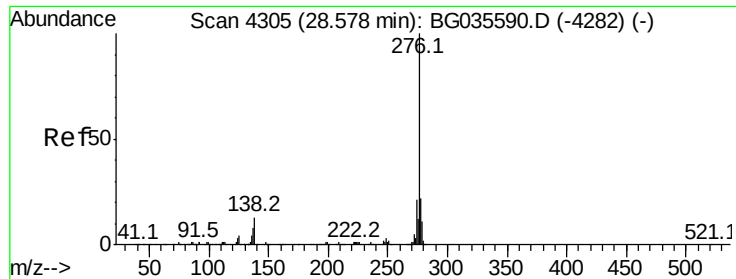
200

100

0

Time-->

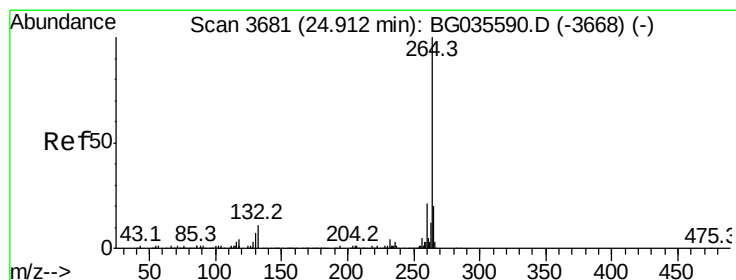
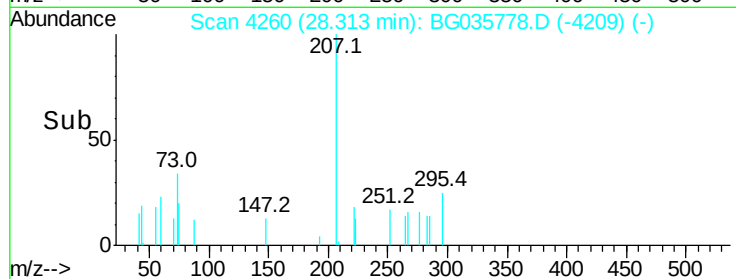
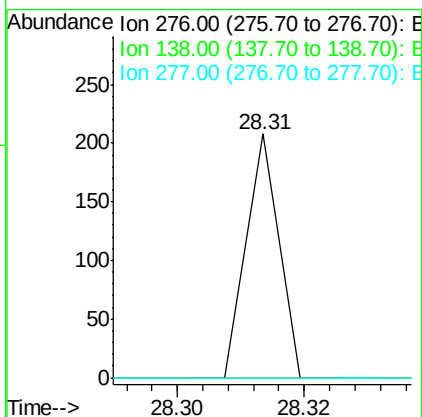
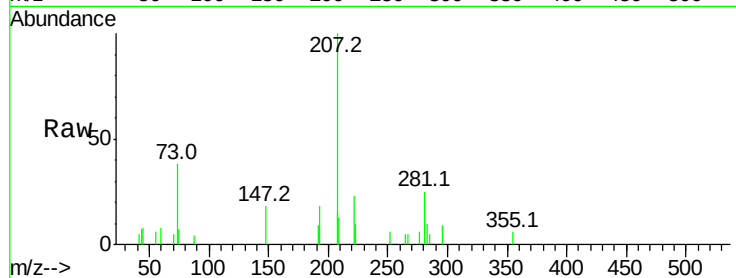




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.31 min Scan# 4260
Delta R.T. -0.23 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

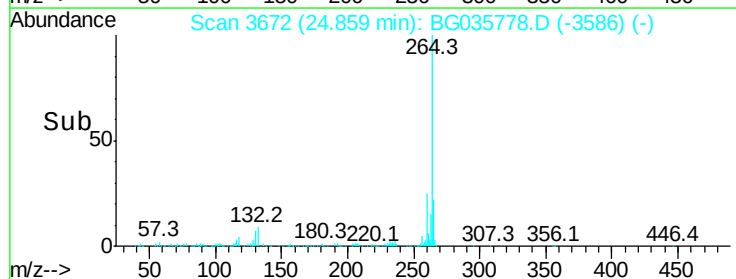
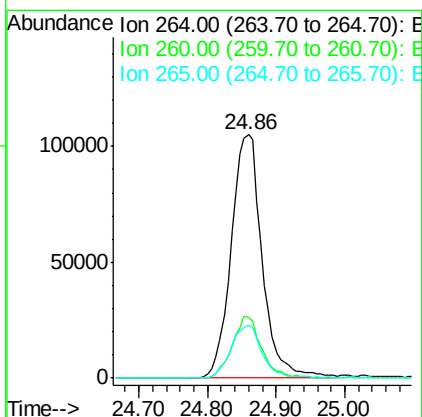
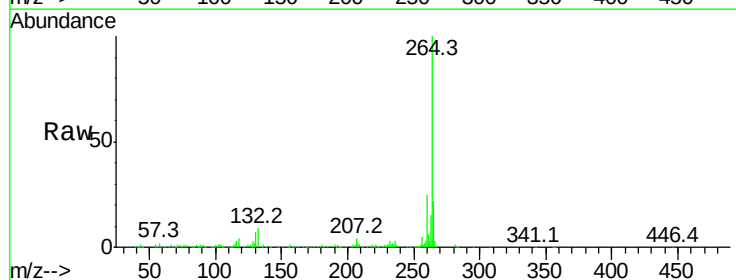
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-5

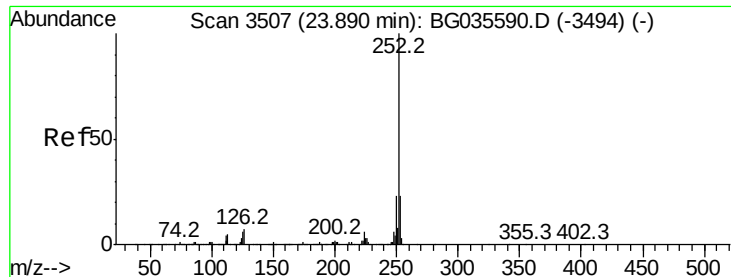
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035778.D
Acq: 20 Jul 2018 10:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 23.83 min Scan# 3497

Delta R.T. -0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampled :

LS-SOIL-5

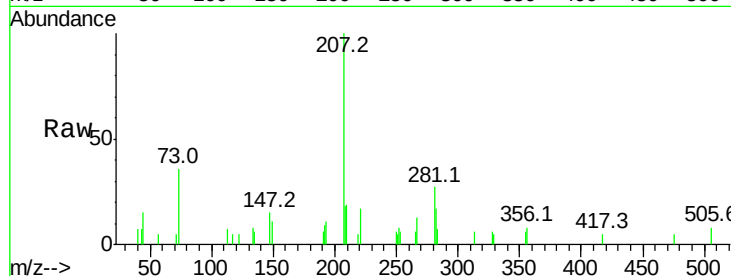
Tot Ion:252 Resp: 150

Ion Ratio Lower Upper

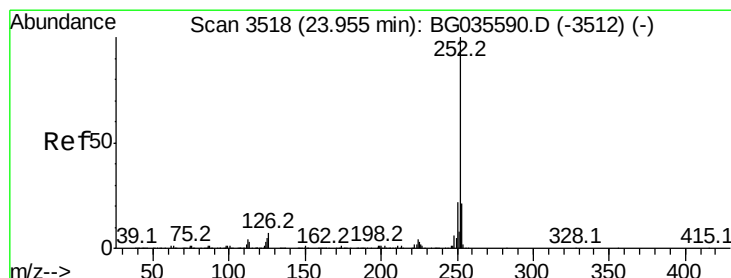
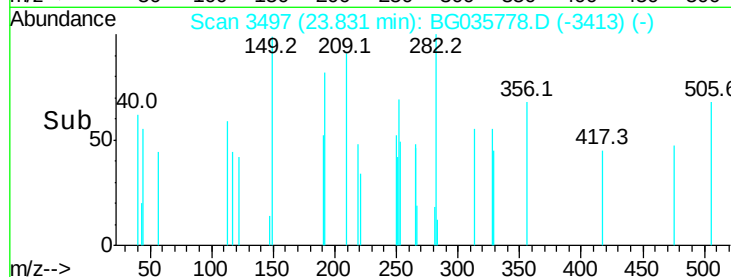
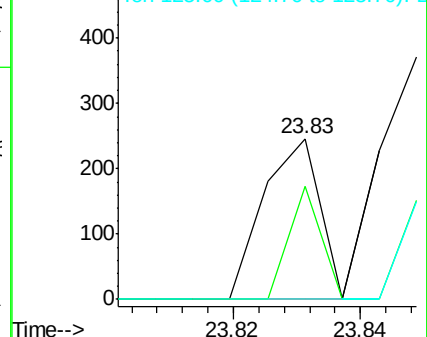
252 100

253 70.7 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: 0.025 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

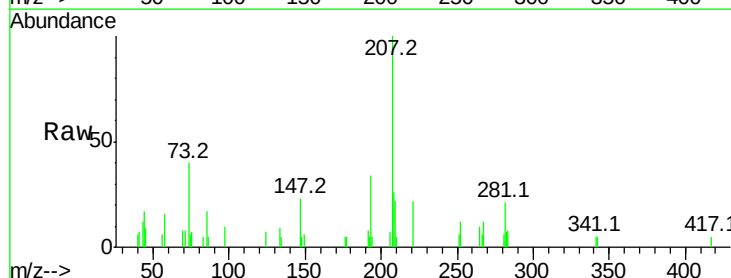
Tgt Ion:252 Resp: 485

Ion Ratio Lower Upper

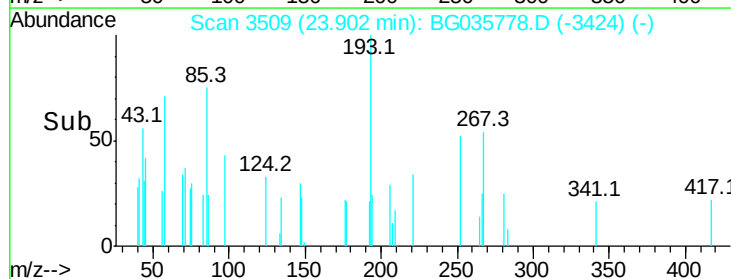
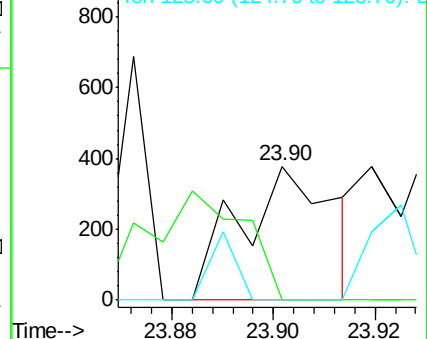
252 100

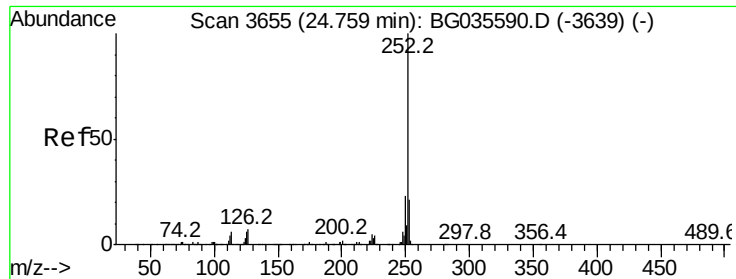
253 0.0 17.4 26.2#

125 0.0 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 0.019 ng

RT: 24.71 min Scan# 3647

Delta R.T. -0.02 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

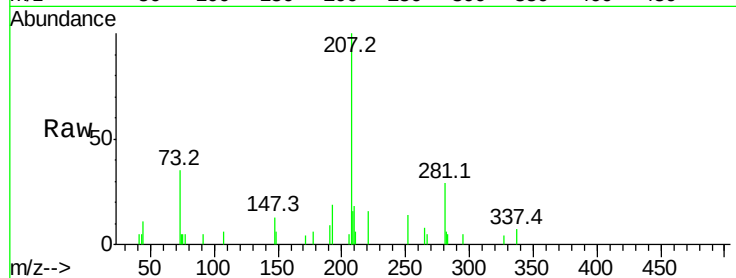
Tot Ion:252 Resp: 357

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

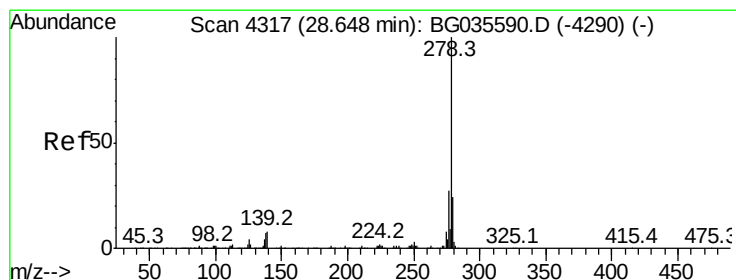
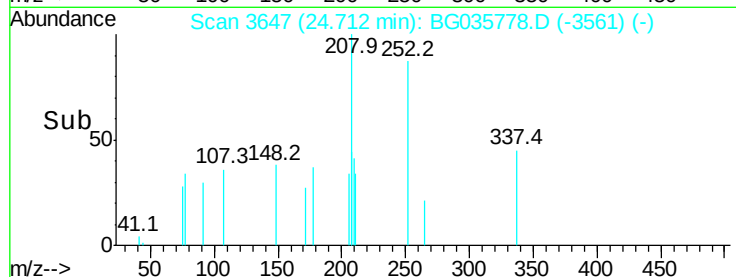
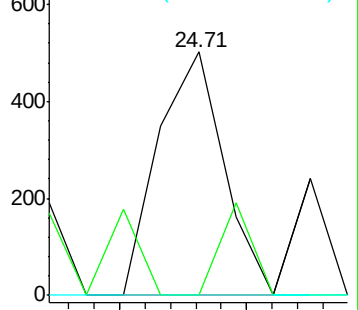
125 0.0 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.01 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

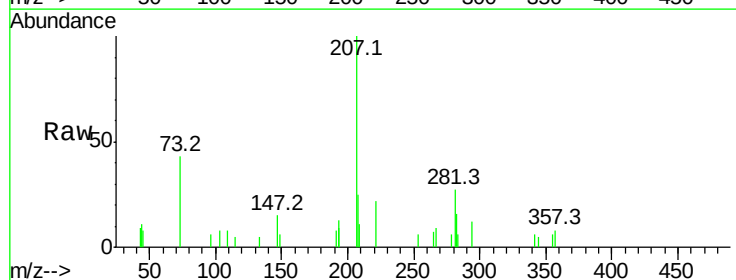
Tgt Ion:278 Resp: 121

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

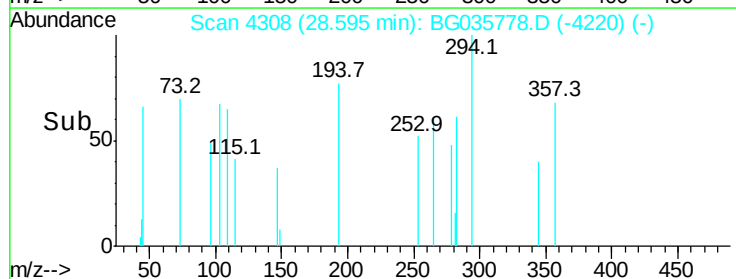
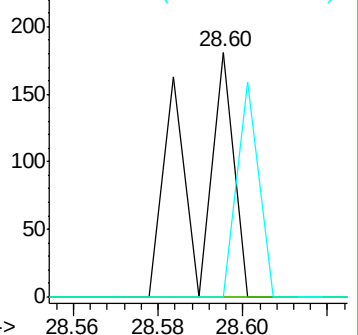
279 0.0 18.4 27.6#

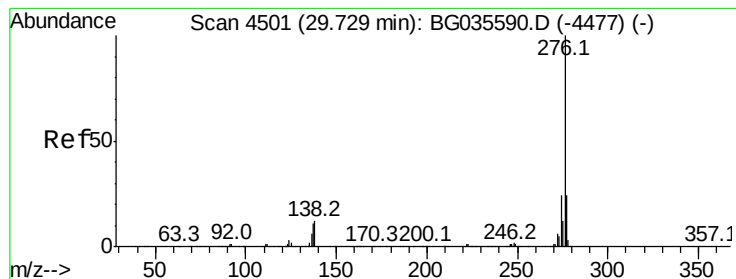


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.003 ng

RT: 29.71 min Scan# 4498

Delta R.T. 0.02 min

Lab File: BG035778.D

Acq: 20 Jul 2018 10:24

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-5

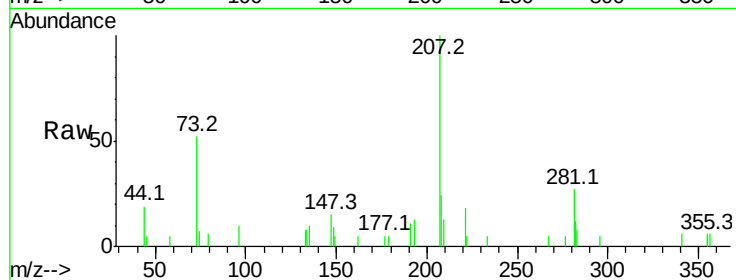
Tot Ion: 276 Resp: 56

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

