

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045423.D
 Acq On : 19 May 2020 12:07
 Operator : CG/JU
 Sample : L2447-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 19 12:47:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	88065	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	346404	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	256257	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	598650	20.00	ng	0.00
76) Chrysene-d12	21.62	240	542176	20.00	ng	0.00
87) Perylene-d12	24.77	264	619661	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	519949	115.38	ng	0.00
7) Phenol-d6	7.20	99	822840	128.29	ng	0.00
23) Nitrobenzene-d5	9.13	82	560965	88.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	423088	129.10	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1295854	85.77	ng	0.00
79) Terphenyl-d14	19.97	244	2126313	91.47	ng	0.00

Target Compounds

						Qvalue
10) Phenol	7.23	94	606172	91.703	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	601897	116.738	ng	96
12) 1,3-Dichlorobenzene	7.85	146	587012	98.849	ng	98
13) 1,4-Dichlorobenzene	8.00	146	1020072	174.061	ng	95
14) 1,2-Dichlorobenzene	8.32	146	635497	112.745	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	502530	113.306	ng	98
24) Nitrobenzene	9.18	77	1044544	153.477	ng	98
25) Isophorone	9.71	82	2336866	186.797	ng	# 93
26) 2-Nitrophenol	9.89	139	250713	86.113	ng	93
28) bis(2-Chloroethoxy)methane	10.18	93	1104522	168.352	ng	99
29) 2,4-Dichlorophenol	10.46	162	834491	163.651	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	1071322	177.800	ng	97
34) Hexachlorobutadiene	11.12	225	815446	191.455	ng	99
36) 4-Chloro-3-methylphenol	12.11	107	928247	161.548	ng	100
37) 2-Methylnaphthalene	12.43	142	431075	35.829	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	257135	51.715	ng	99
47) 2-Chloronaphthalene	13.49	162	1578935	123.487	ng	96
49) Acenaphthylene	14.33	152	1393300	67.841	ng	99
50) Dimethylphthalate	14.07	163	1061620	60.391	ng	98
51) 2,6-Dinitrotoluene	14.19	165	379559	95.686	ng	99
52) Acenaphthene	14.68	154	391759	28.496	ng	98
55) Dibenzofuran	15.02	168	2421883	118.630	ng	# 89
56) 4-Nitrophenol	14.91	139	265833	87.076	ng	98
60) Diethylphthalate	15.43	149	2233137	122.050	ng	94
61) 4-Chlorophenyl-phenylether	15.66	204	1122918	116.998	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	885848	136.654	ng	98
74) Di-n-butylphthalate	18.33	149	3520852	114.665	ng	# 87
80) Butylbenzylphthalate	20.67	149	2181339	163.517	ng	# 90
81) Benzo(a)anthracene	21.60	228	1393793	46.148	ng	98
83) Chrysene	21.67	228	1362733	46.924	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	2635766	143.734	ng	# 88
86) Indeno(1,2,3-cd)pyrene	28.38	276	2338322	61.573	ng	# 97
92) Benzo(a,h,i)perylene	29.49	276	1553113	49.929	ng	96

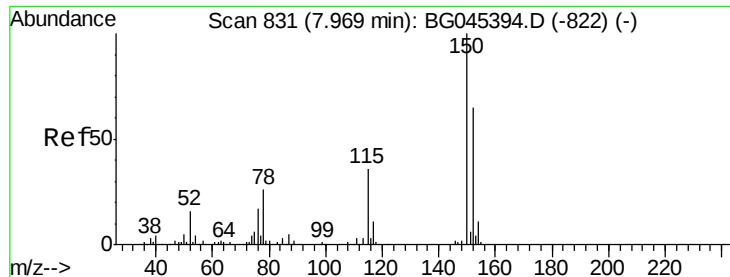
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
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Operator : CG/JU
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QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

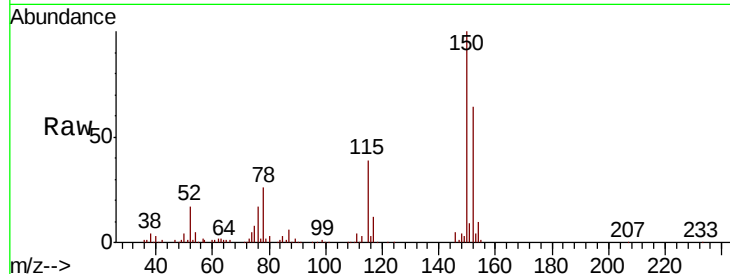


#1

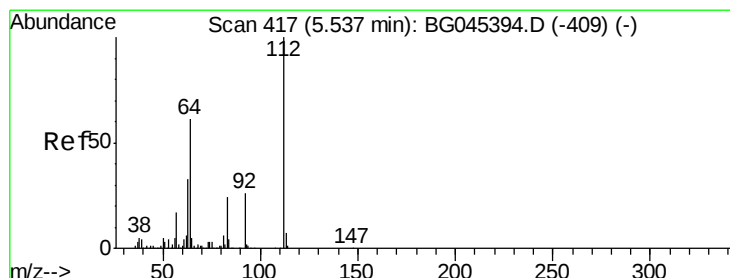
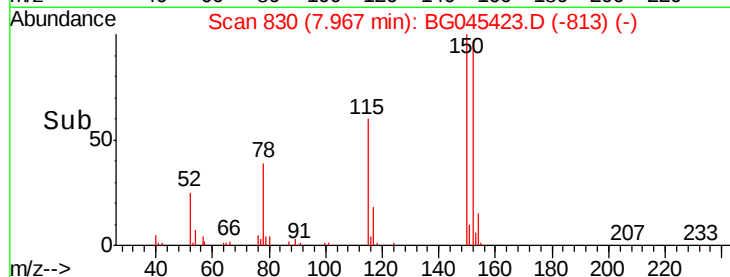
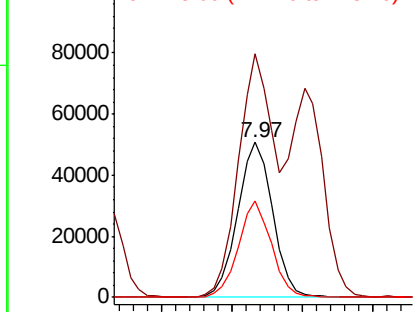
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion:152 Resp: 88065
Ion Ratio Lower Upper
152 100
150 157.2 122.4 183.6
115 62.0 44.2 66.4



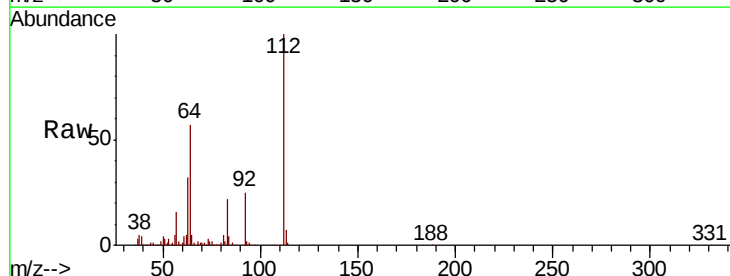
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



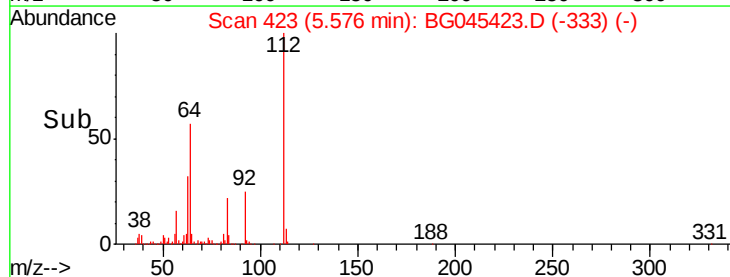
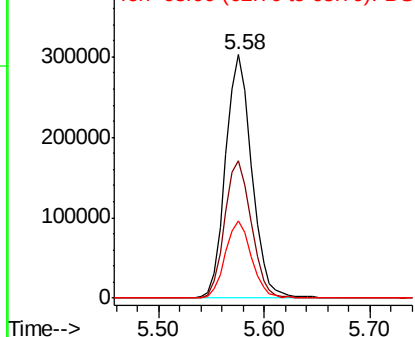
#5

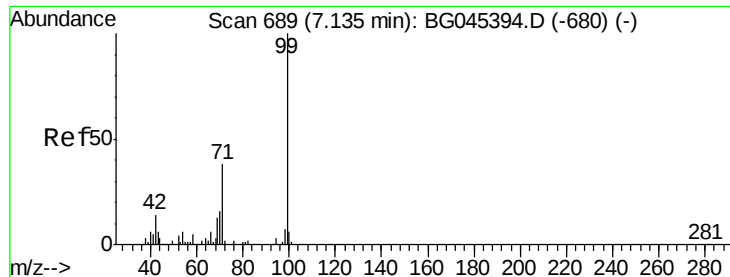
2-Fluorophenol
Concen: 115.385 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion:112 Resp: 519949
Ion Ratio Lower Upper
112 100
64 56.7 48.6 72.8
63 31.6 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 128.294 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

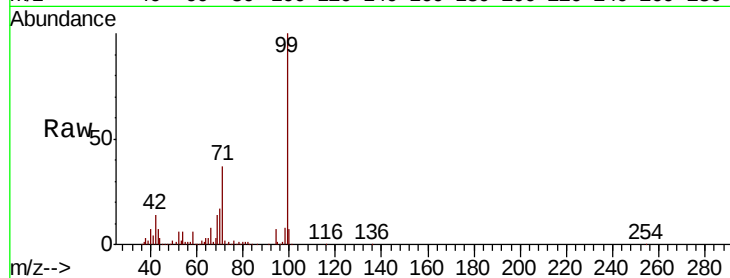
Tot Ion: 99 Resp: 822840

Ion Ratio Lower Upper

99 100

42 14.1 11.3 16.9

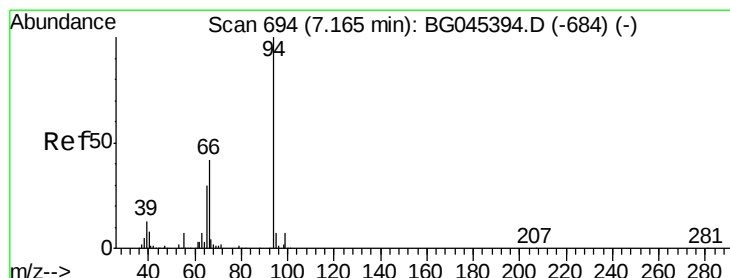
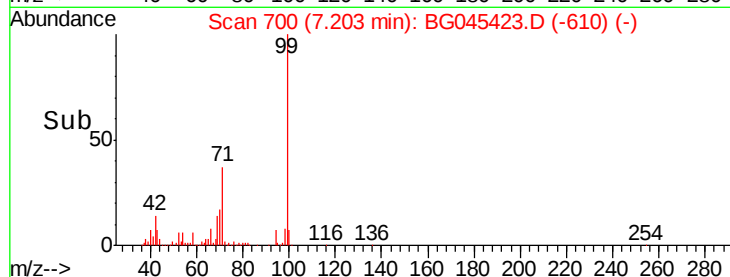
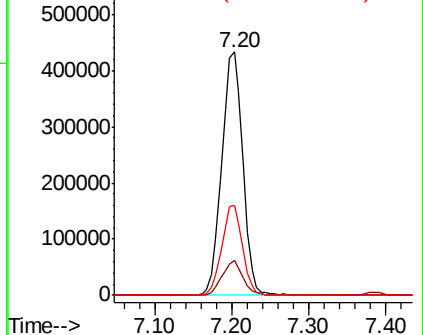
71 36.8 30.8 46.2



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



#10

Phenol

Concen: 91.703 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

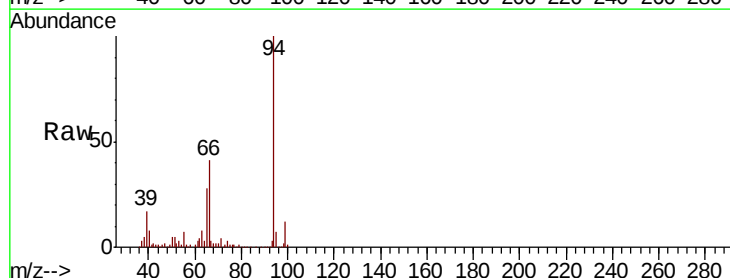
Tgt Ion: 94 Resp: 606172

Ion Ratio Lower Upper

94 100

65 28.2 9.8 49.8

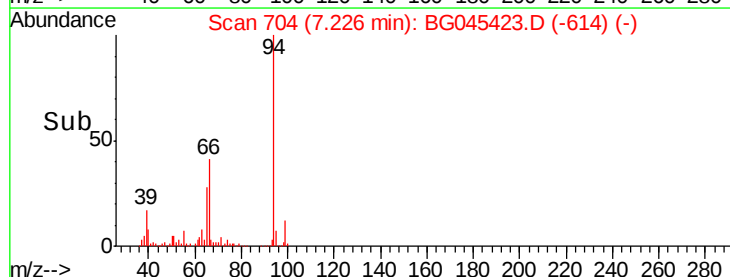
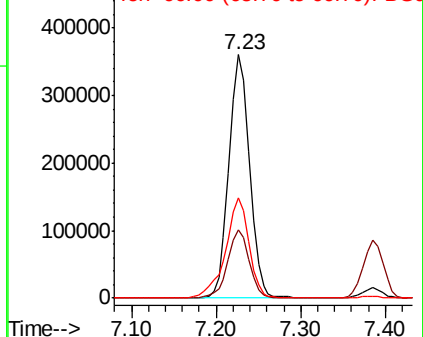
66 41.0 22.0 62.0

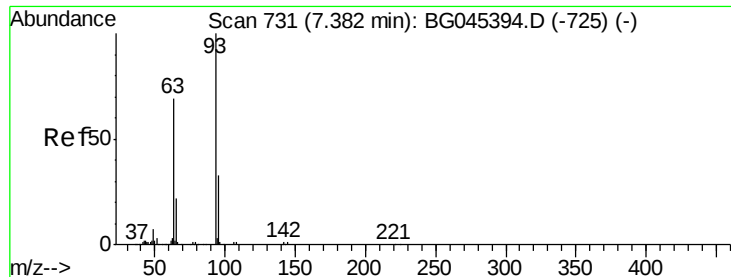


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

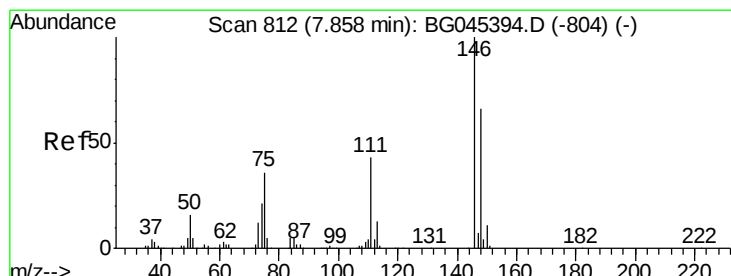
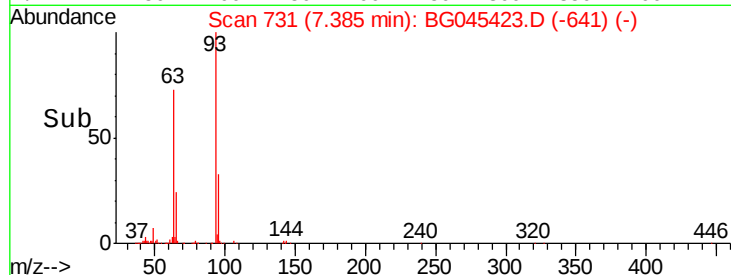
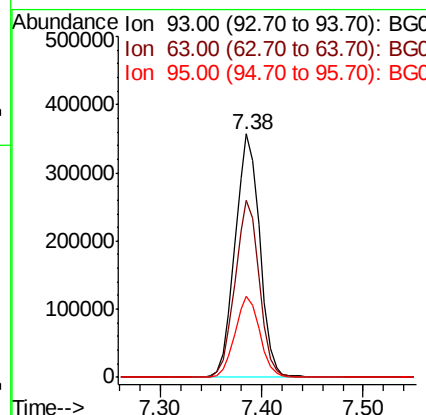
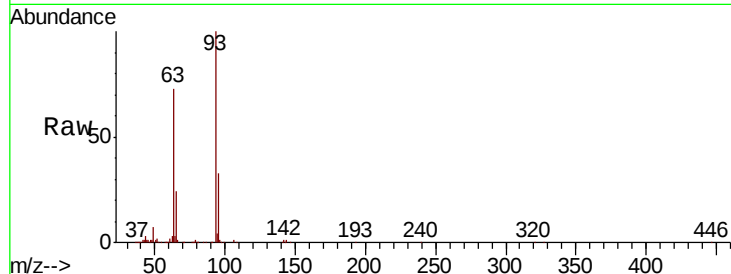




#11
 bis(2-Chloroethyl)ether
 Concen: 116.738 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

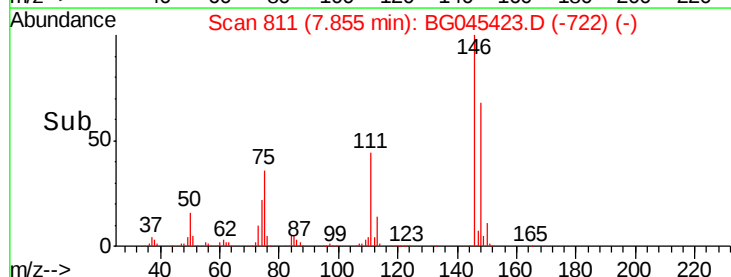
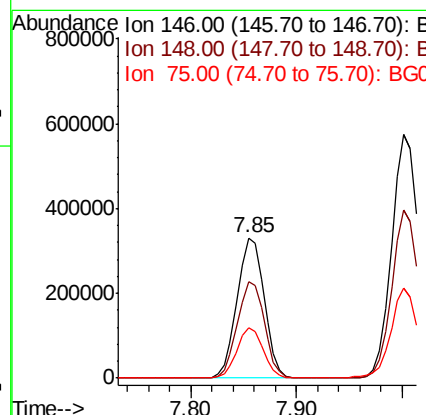
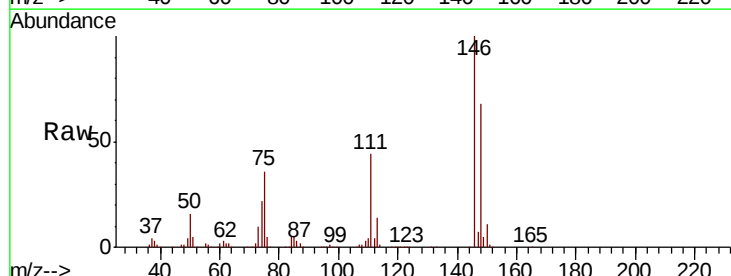
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

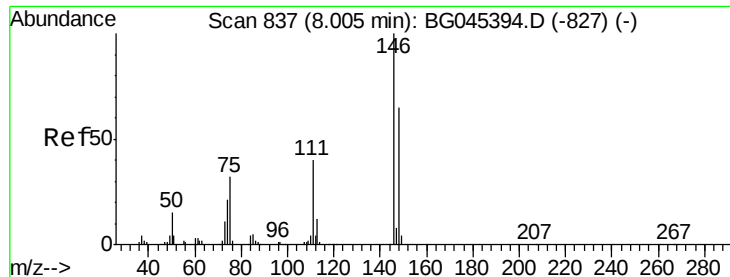
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	48.4	88.4
95	33.5	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 98.849 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	53.2	79.8
75	35.6	28.6	43.0

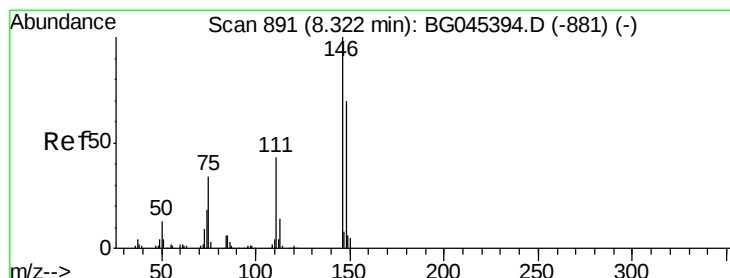
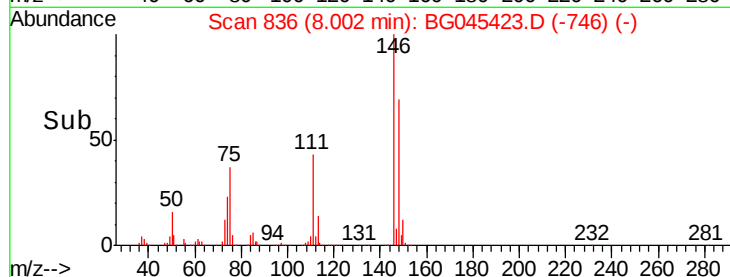
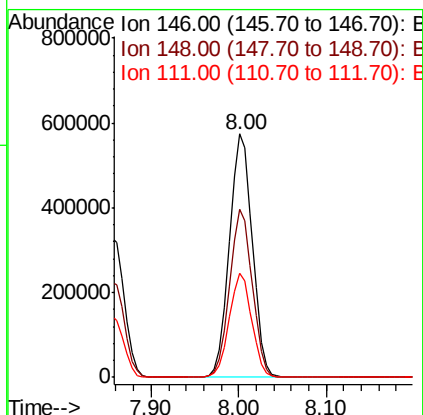
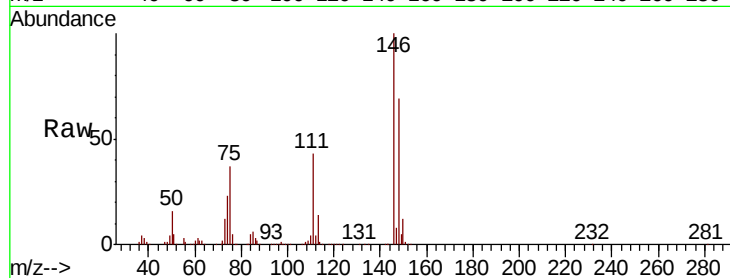




#13
 1,4-Dichlorobenzene
 Concen: 174.061 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

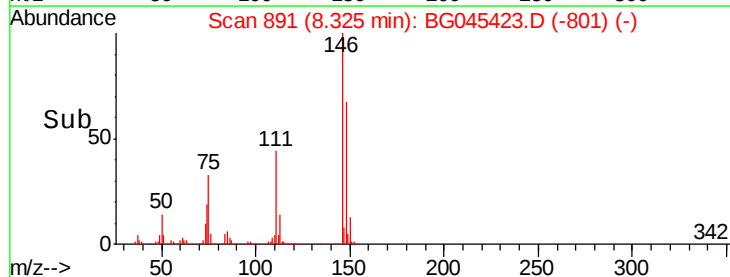
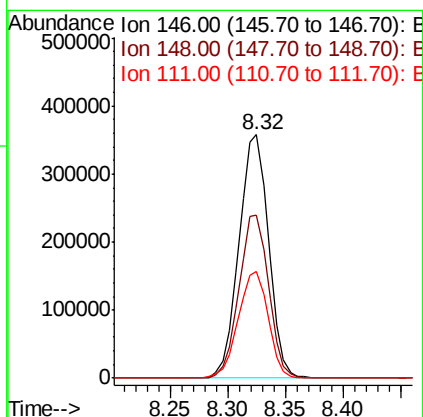
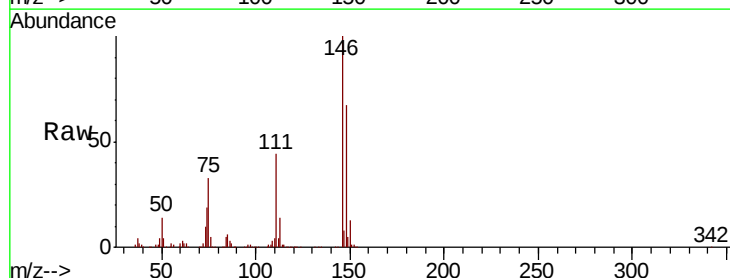
Instrument :
 BNA_G
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 PT-BNA-SOIL

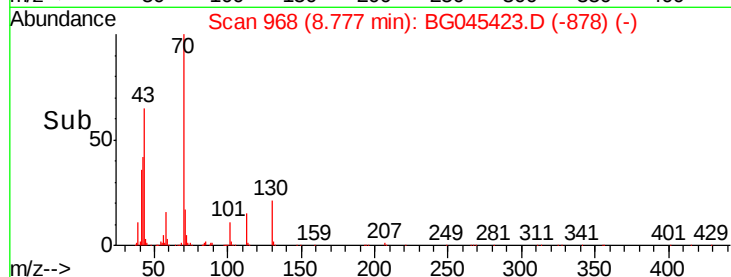
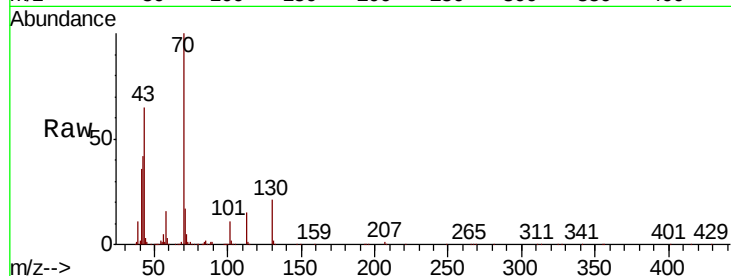
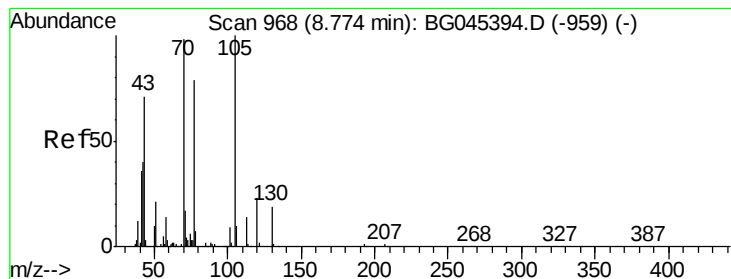
Tot Ion:146 Resp: 1020072
 Ion Ratio Lower Upper
 146 100
 148 68.9 51.8 77.8
 111 43.0 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 112.745 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion:146 Resp: 635497
 Ion Ratio Lower Upper
 146 100
 148 67.0 55.9 83.9
 111 43.9 35.0 52.4





#19

n-Nitroso-di-n-propylamine

Concen: 113.306 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion: 70 Resp: 502530

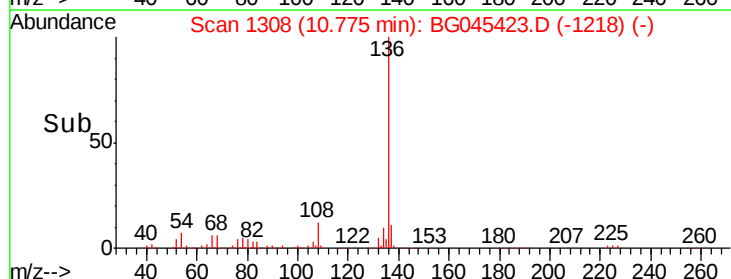
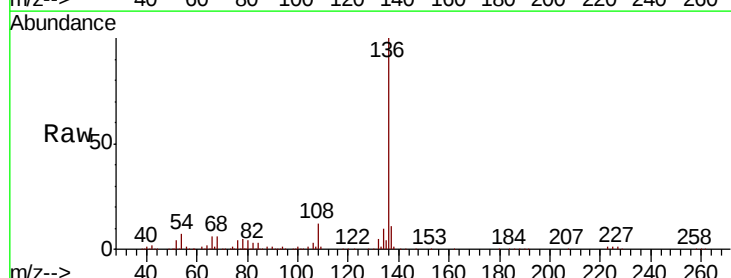
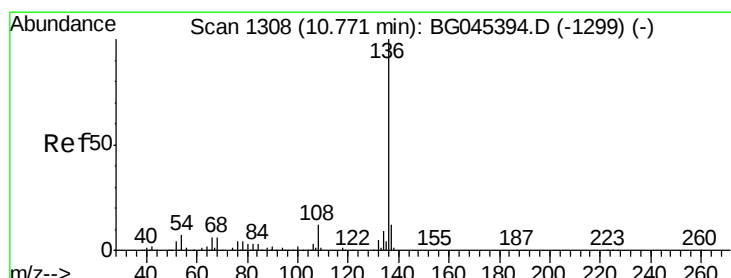
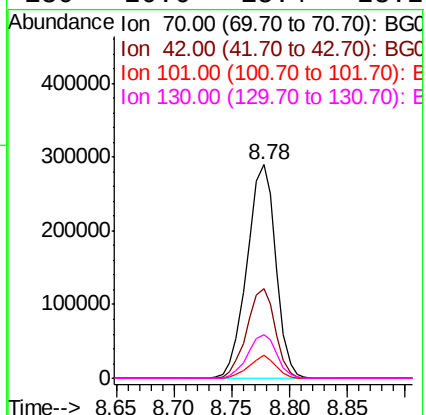
Ion Ratio Lower Upper

70 100

42 41.8 33.2 49.8

101 10.9 7.8 11.6

130 20.6 15.4 23.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Tgt Ion: 136 Resp: 346404

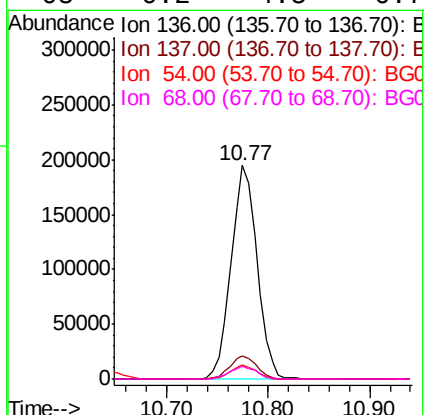
Ion Ratio Lower Upper

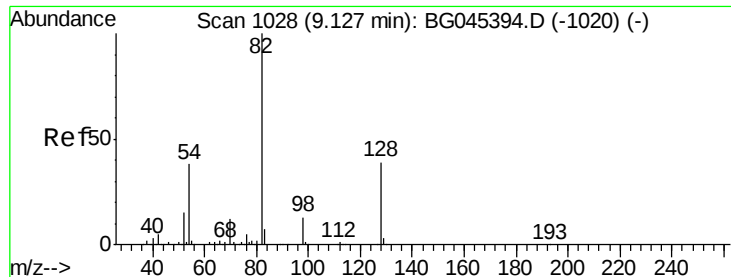
136 100

137 10.8 9.4 14.2

54 6.6 5.8 8.6

68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 88.308 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

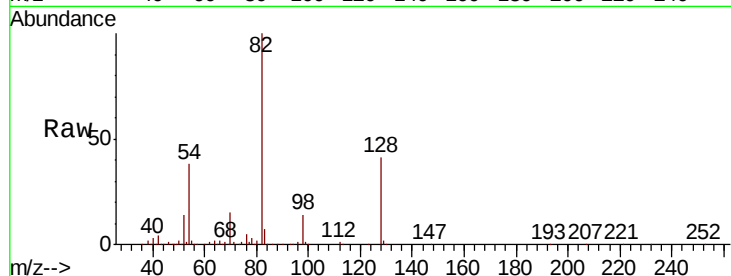
Tot Ion: 82 Resp: 560965

Ion Ratio Lower Upper

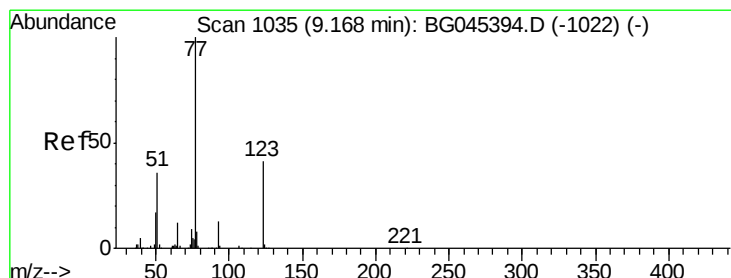
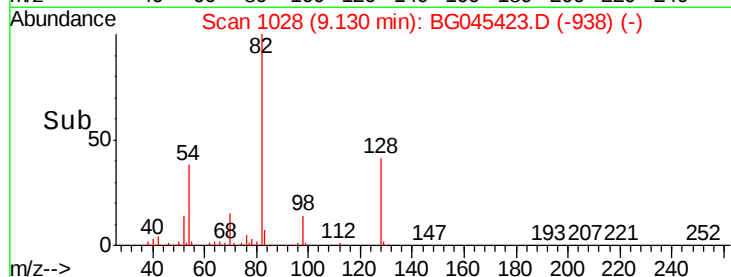
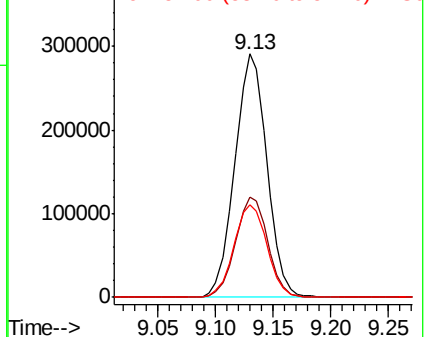
82 100

128 41.3 30.9 46.3

54 37.8 30.3 45.5



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: 153.477 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

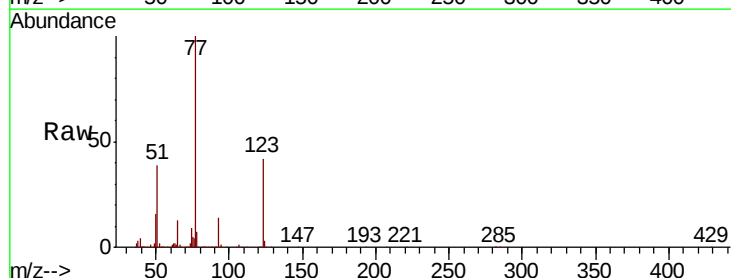
Tgt Ion: 77 Resp: 1044544

Ion Ratio Lower Upper

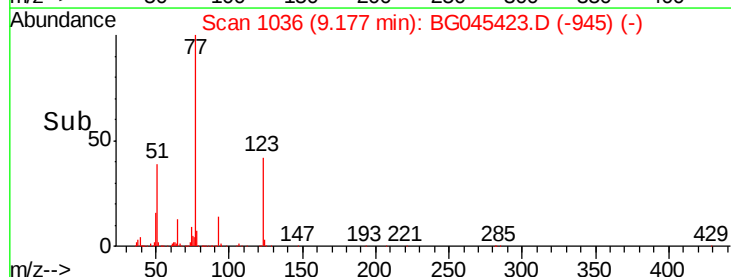
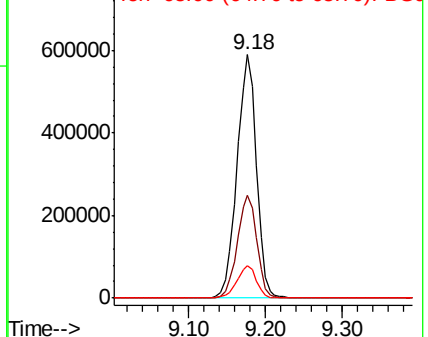
77 100

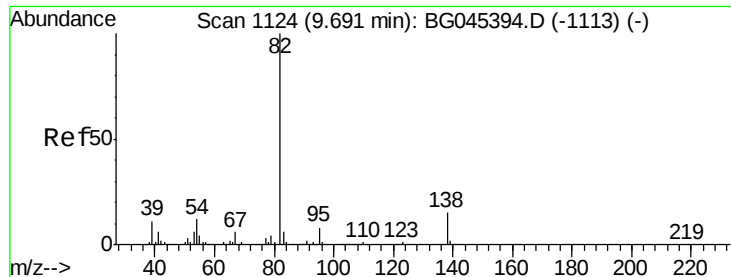
123 42.4 32.9 49.3

65 13.1 9.4 14.2



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: 186.797 ng

RT: 9.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

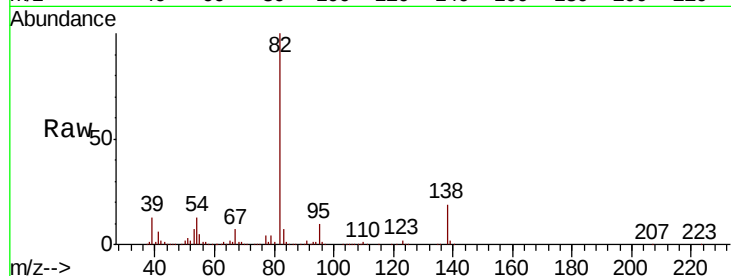
Tot Ion: 82 Resp: 2336866

Ion Ratio Lower Upper

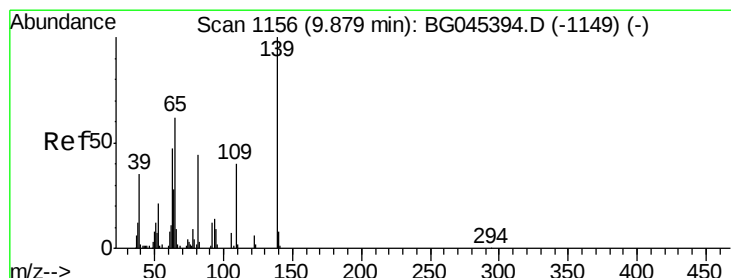
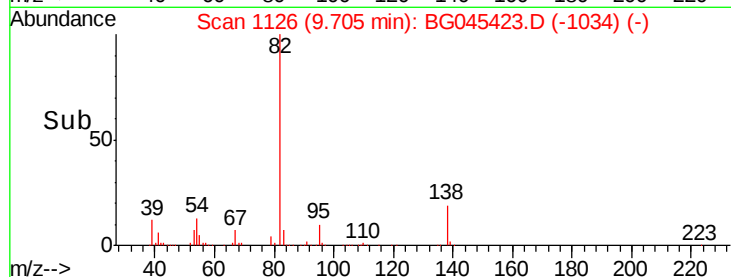
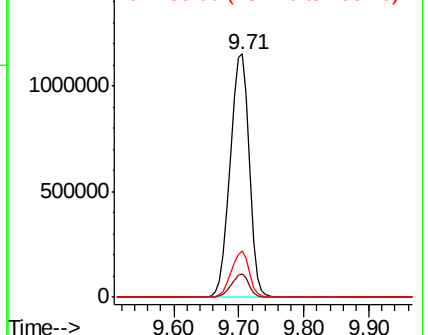
82 100

95 9.6 6.7 10.1

138 19.0 12.2 18.4#



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: 86.113 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

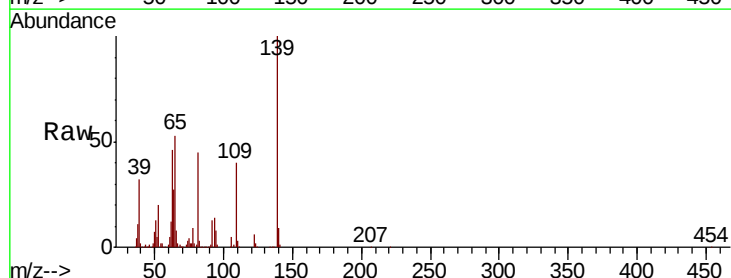
Tgt Ion: 139 Resp: 250713

Ion Ratio Lower Upper

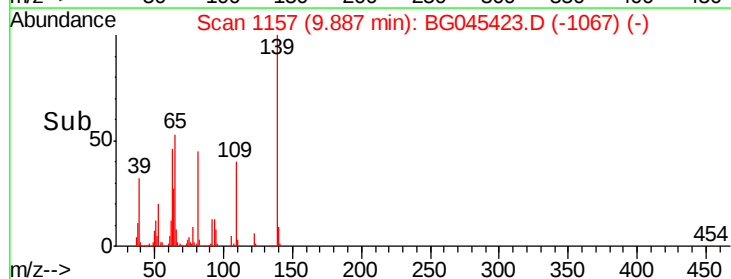
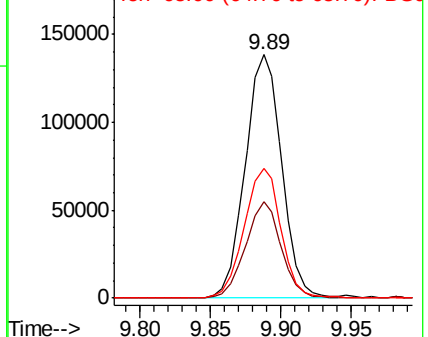
139 100

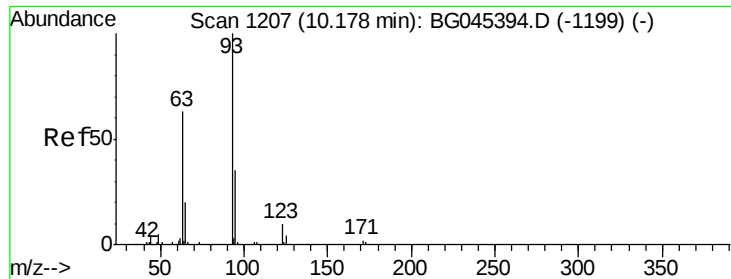
109 39.8 32.2 48.4

65 53.1 49.6 74.4



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



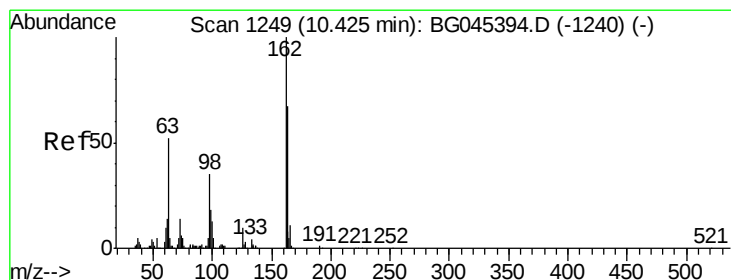
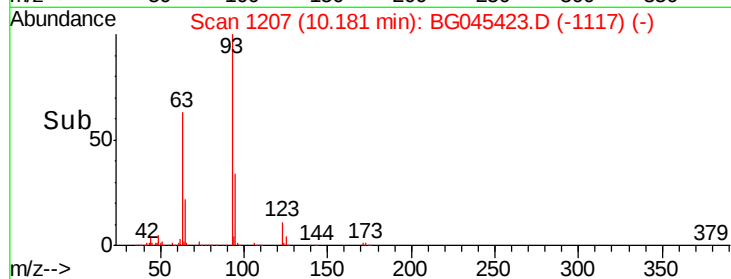
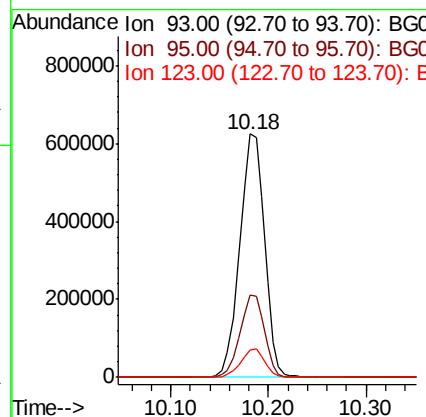
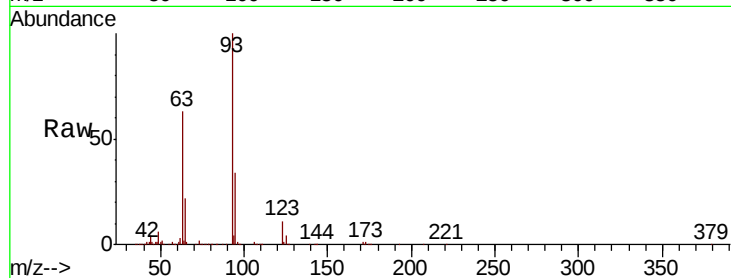


#28
bis(2-Chloroethoxy)methane
Concen: 168.352 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion: 93 Resp: 1104522

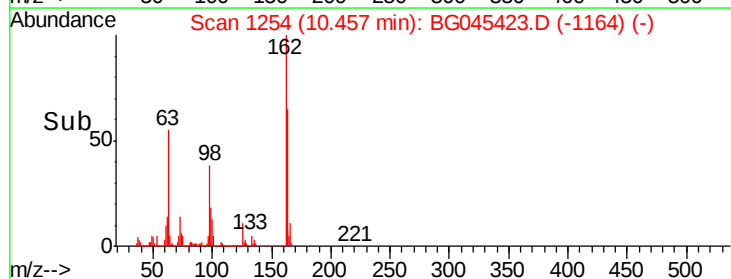
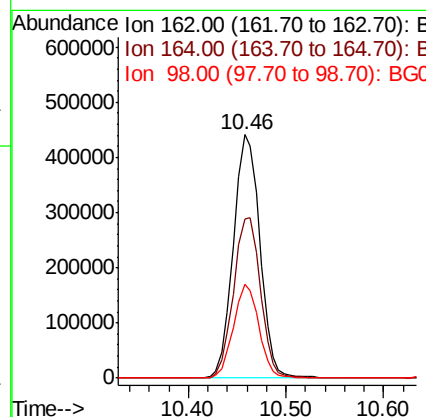
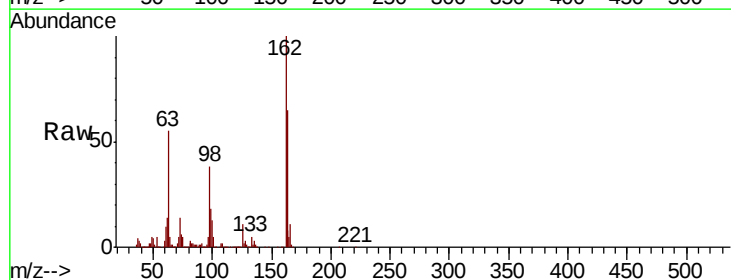
Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.6	41.4
123	11.2	8.1	12.1

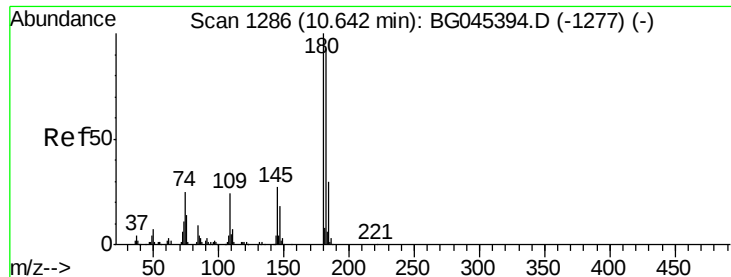


#29
2,4-Dichlorophenol
Concen: 163.651 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion: 162 Resp: 834491

Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.8	86.8
98	38.4	15.2	55.2

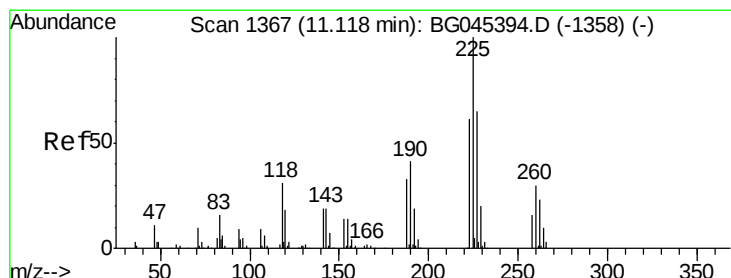
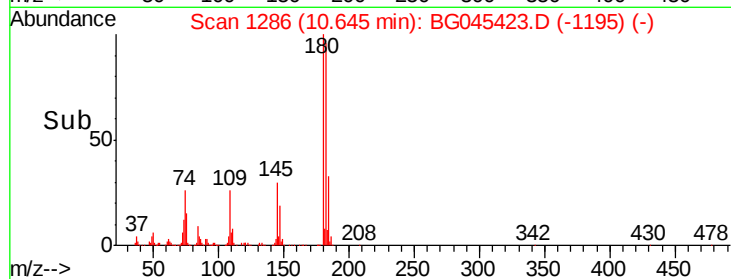
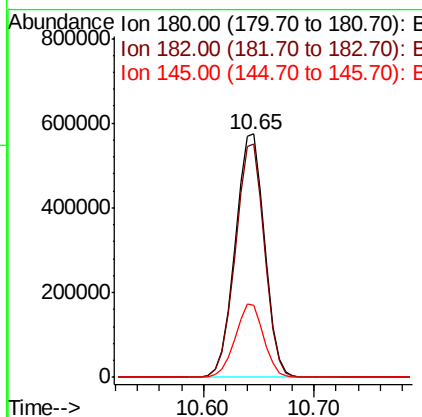
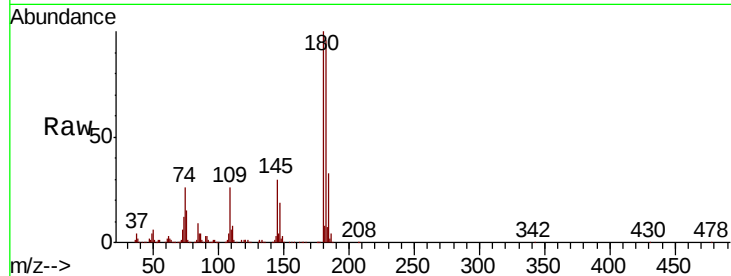




#30
 1,2,4-Trichlorobenzene
 Concen: 177.800 ng
 RT: 10.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

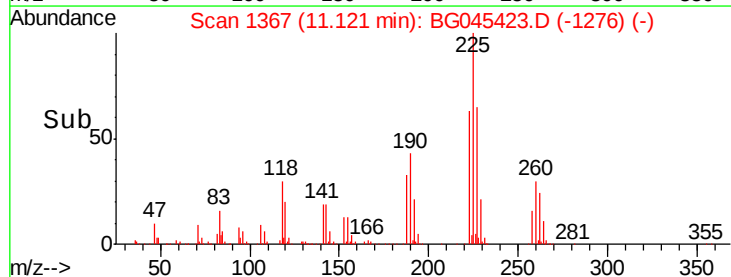
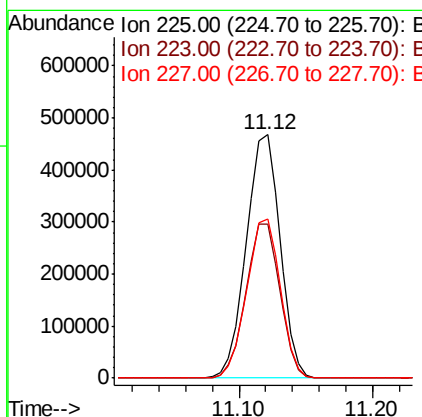
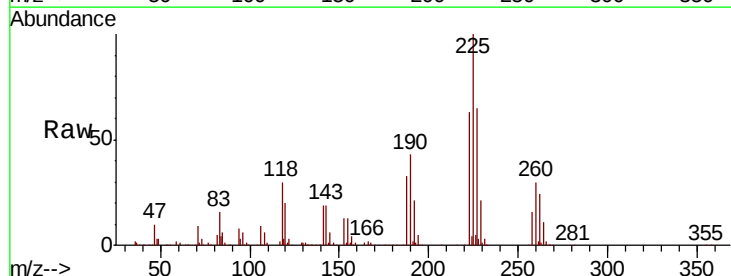
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

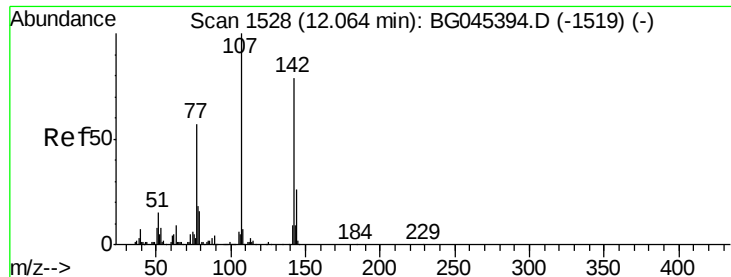
Tot Ion:180 Resp: 1071322
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.8 112.2
 145 29.6 21.9 32.9



#34
 Hexachlorobutadiene
 Concen: 191.455 ng
 RT: 11.12 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion:225 Resp: 815446
 Ion Ratio Lower Upper
 225 100
 223 63.1 49.1 73.7
 227 65.5 52.0 78.0

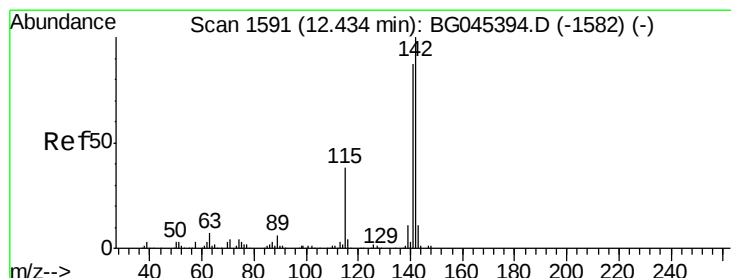
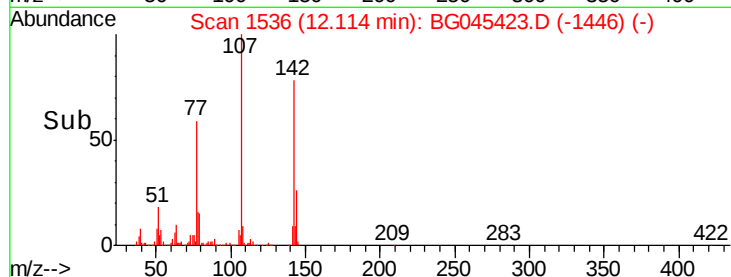
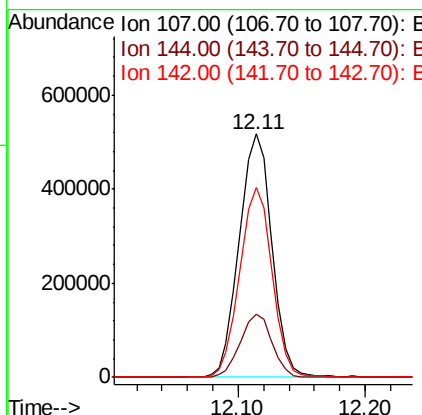
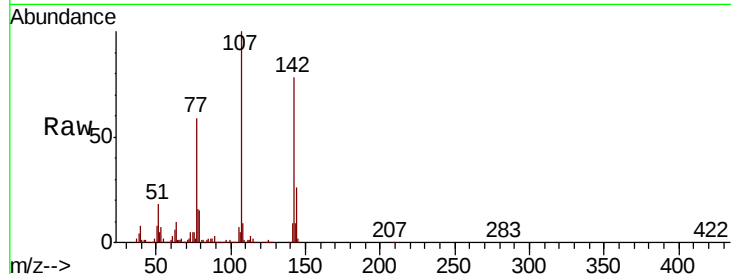




#36
 4-Chloro-3-methylphenol
 Concen: 161.548 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

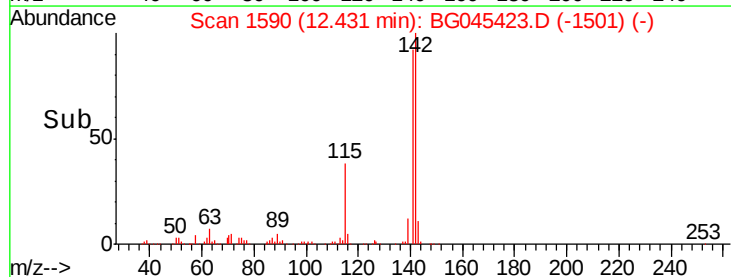
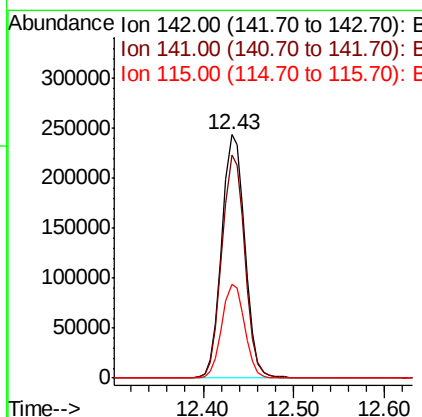
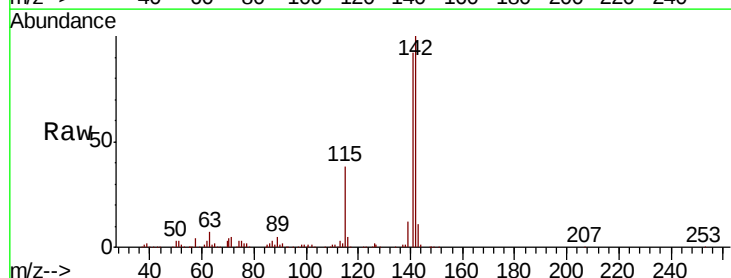
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

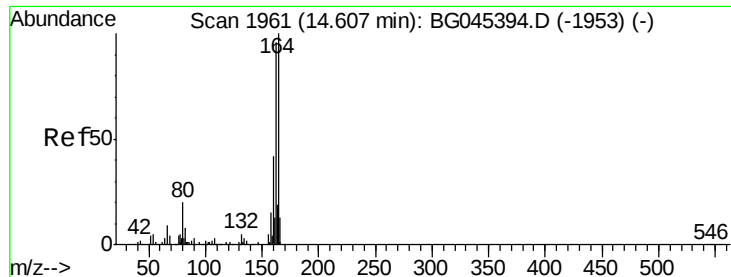
Tot Ion:107 Resp: 928247
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.8 31.2
 142 78.2 62.8 94.2



#37
 2-Methylnaphthalene
 Concen: 35.829 ng
 RT: 12.43 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion:142 Resp: 431075
 Ion Ratio Lower Upper
 142 100
 141 91.9 70.0 105.0
 115 38.4 30.8 46.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

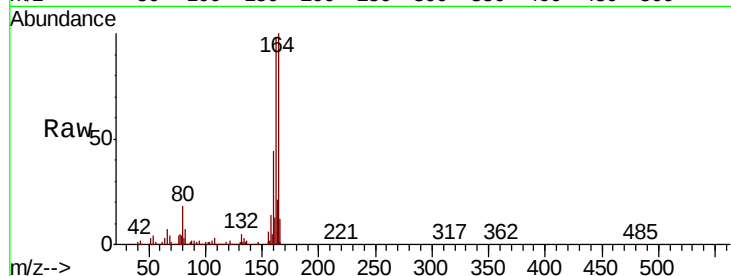
Tot Ion:164 Resp: 256257

Ion Ratio Lower Upper

164 100

162 97.9 76.9 115.3

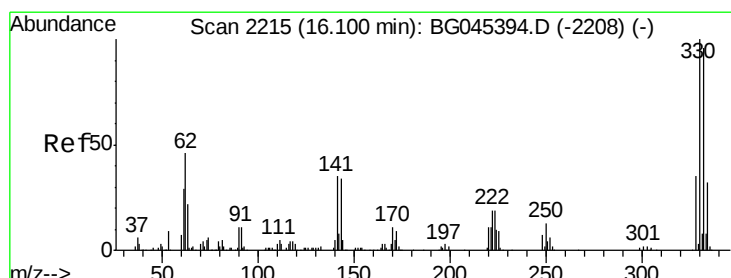
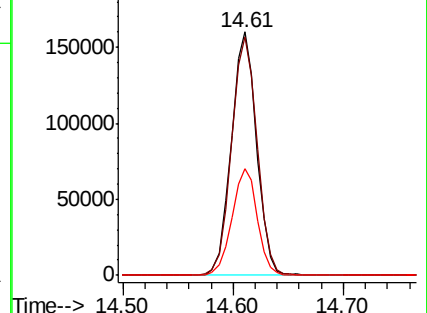
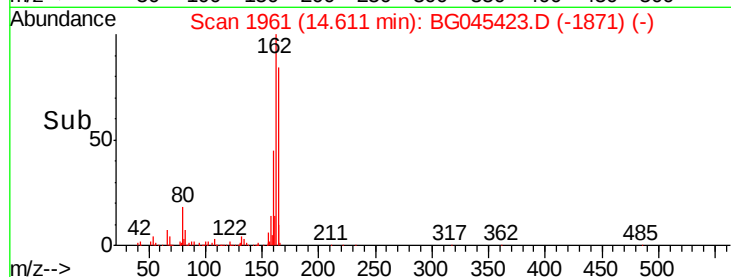
160 43.7 33.8 50.8



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



#42

2,4,6-Tribromophenol

Concen: 129.099 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

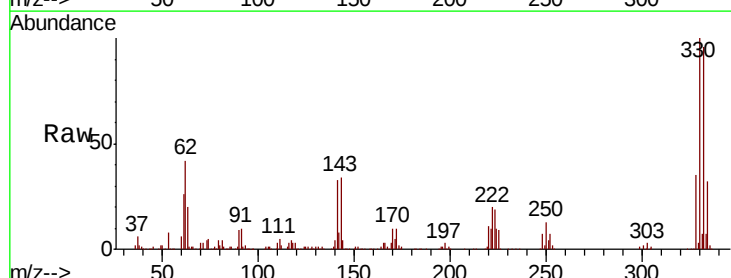
Tgt Ion:330 Resp: 423088

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

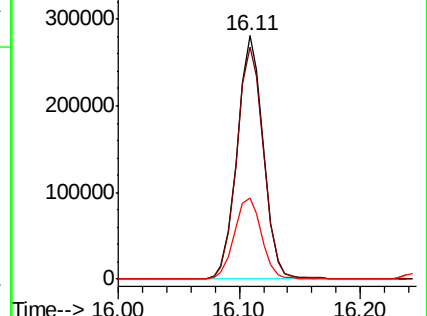
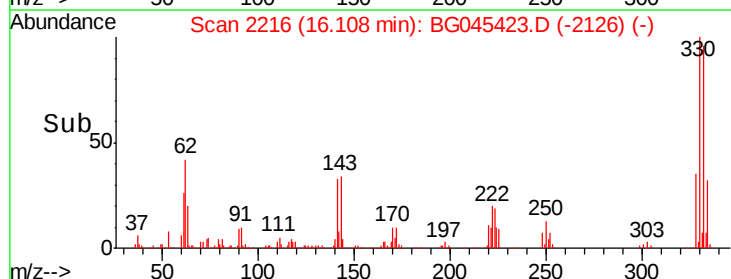
141 35.3 28.2 42.4

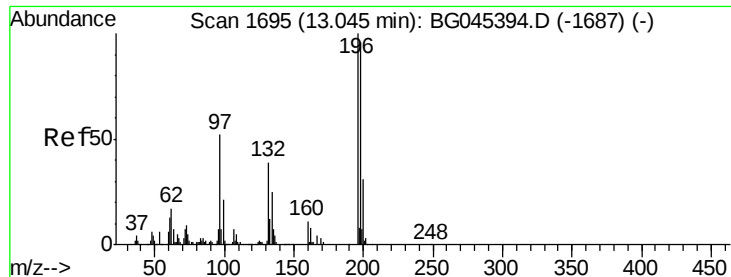


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

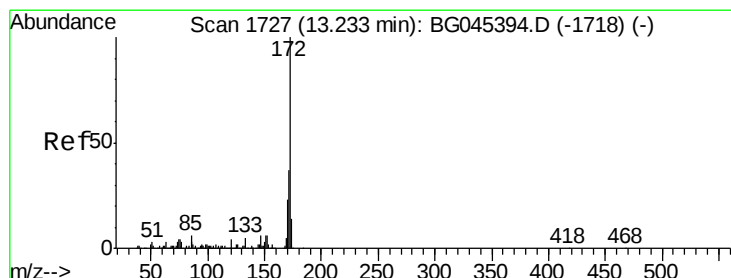
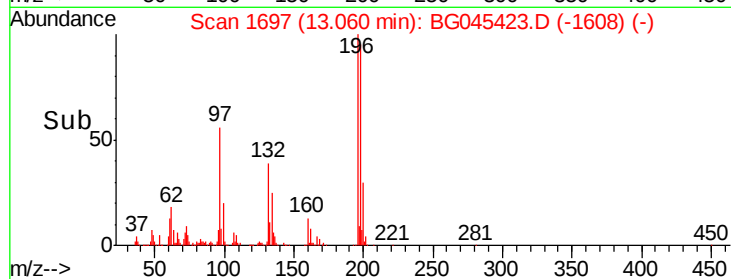
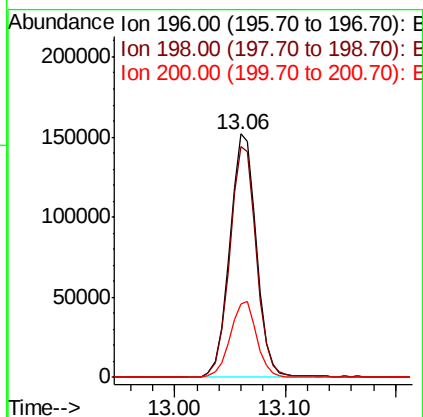
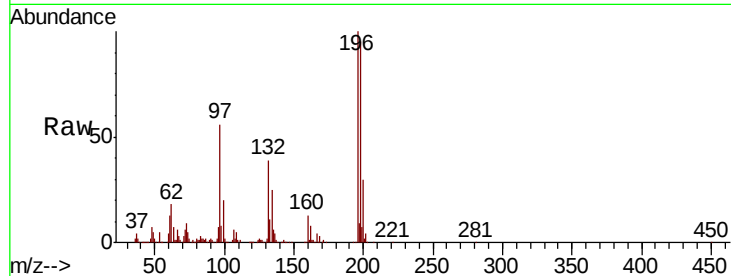




#43
 2,4,6-Trichlorophenol
 Concen: 51.715 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

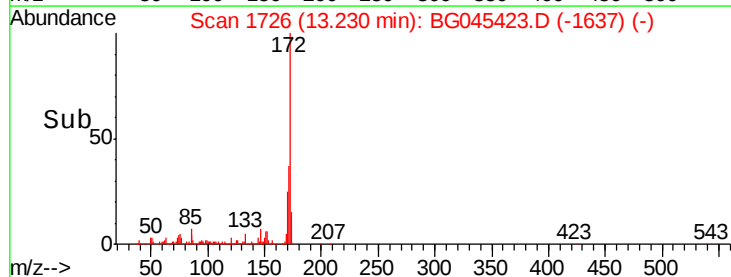
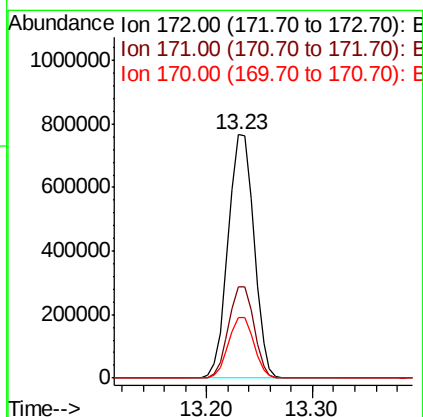
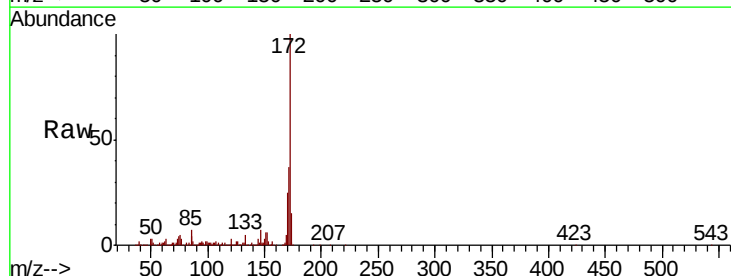
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

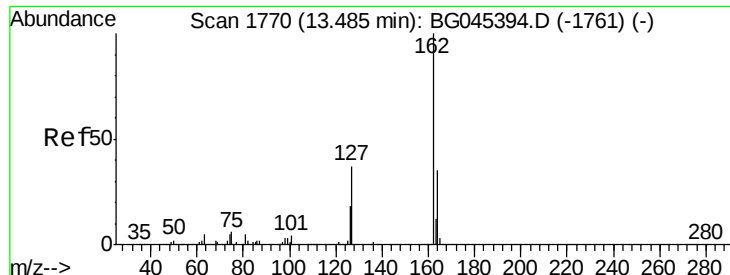
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.7	115.1
200	30.2	24.9	37.3



#45
 2-Fluorobiphenyl
 Concen: 85.775 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.8	18.5	27.7

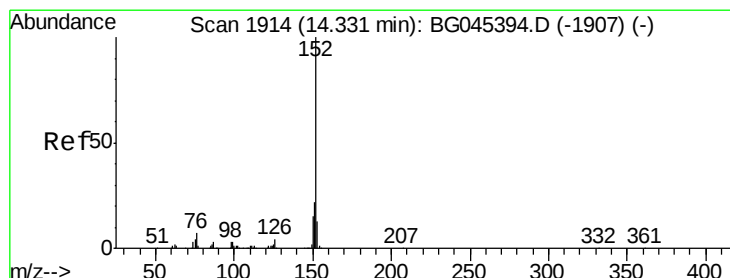
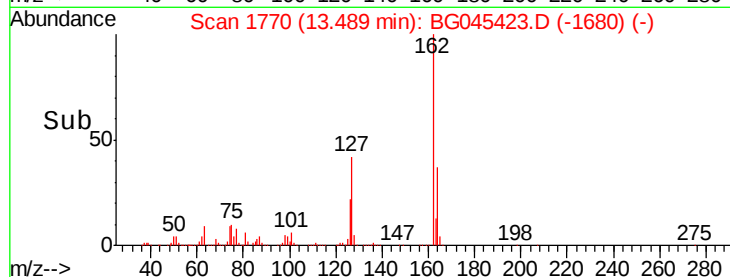
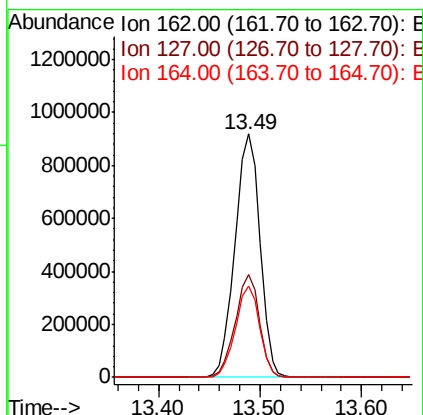
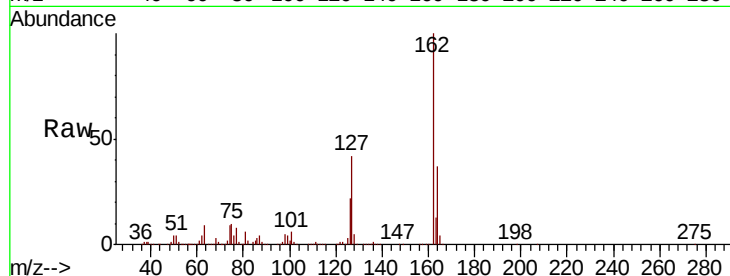




#47
2-Chloronaphthalene
Concen: 123.487 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

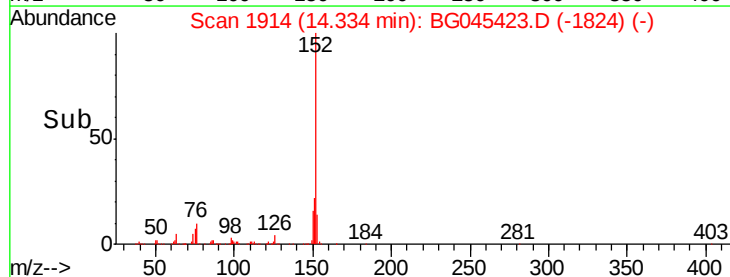
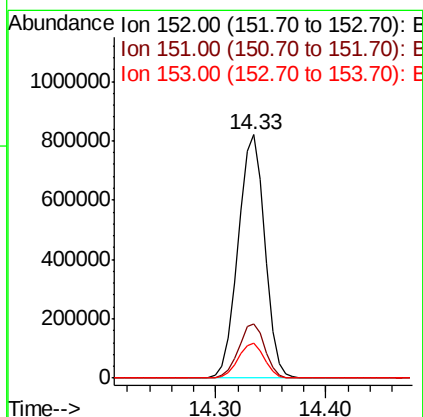
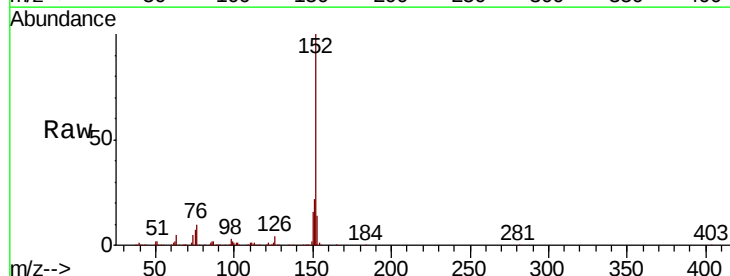
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

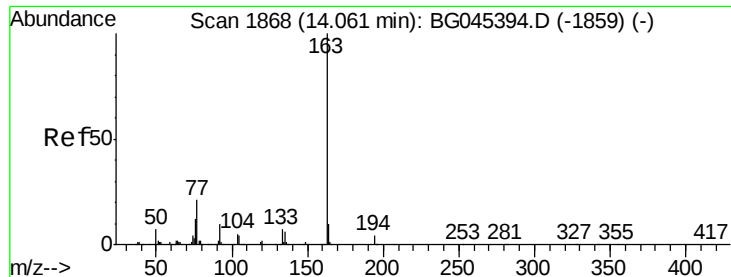
Tot Ion:162 Resp: 1578935
Ion Ratio Lower Upper
162 100
127 42.4 31.6 47.4
164 37.3 28.1 42.1



#49
Acenaphthylene
Concen: 67.841 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion:152 Resp: 1393300
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 14.4 10.7 16.1





#50

Dimethylphthalate

Concen: 60.391 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampled :

PT-BNA-SOIL

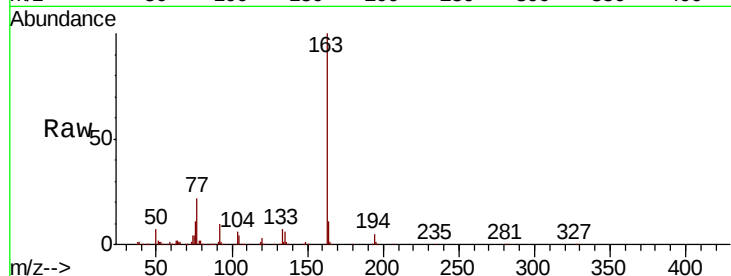
Tot Ion:163 Resp: 1061620

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

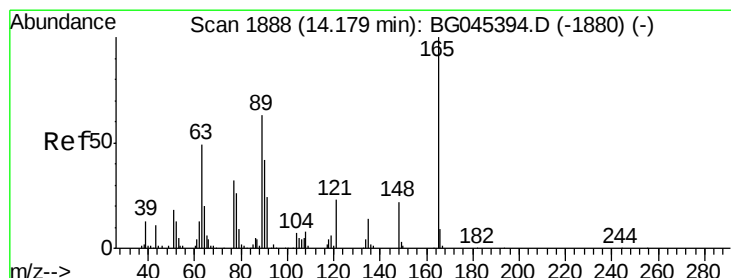
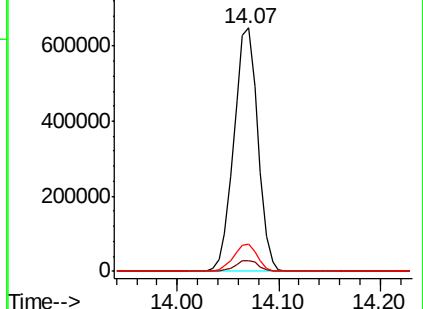
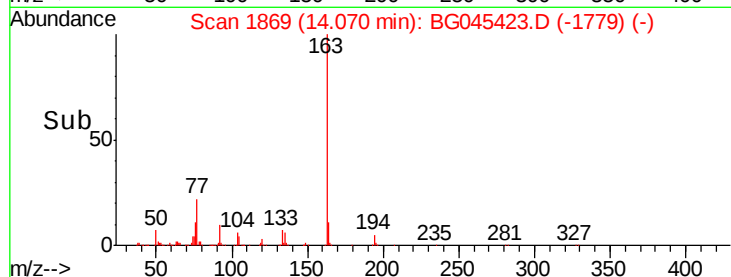
164 11.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 95.686 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

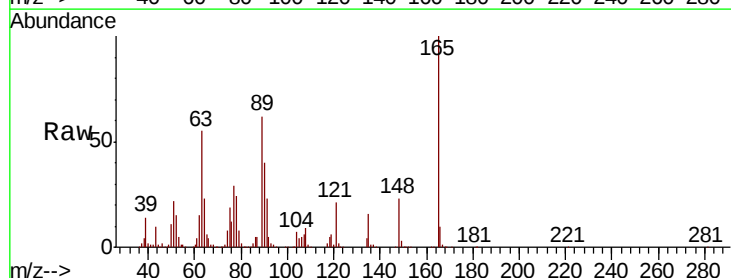
Tgt Ion:165 Resp: 379559

Ion Ratio Lower Upper

165 100

63 55.2 45.0 67.4

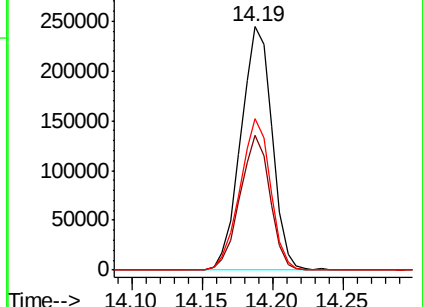
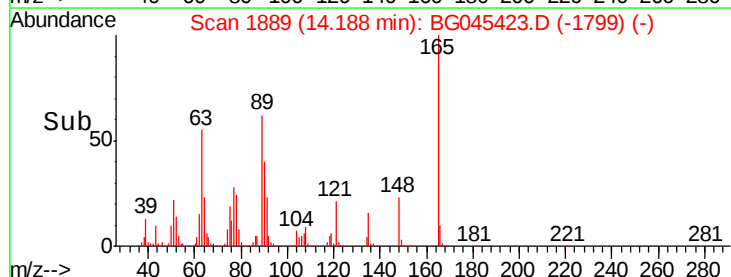
89 62.4 50.2 75.4

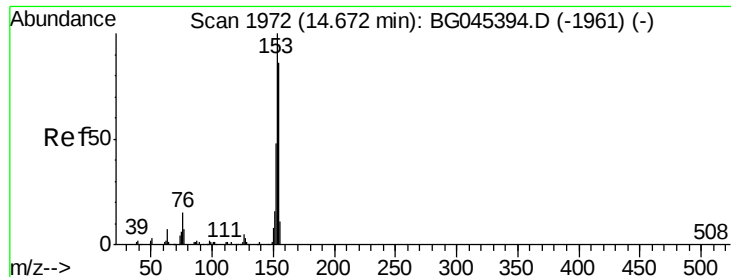


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 28.496 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

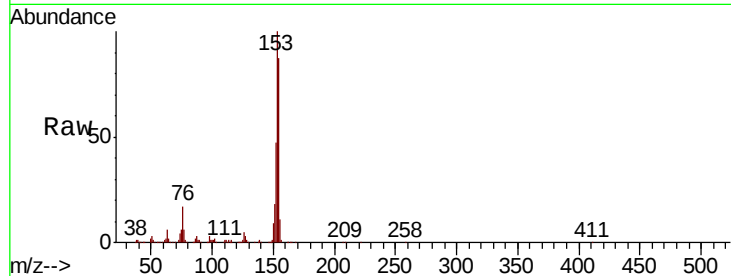
Tot Ion:154 Resp: 391759

Ion Ratio Lower Upper

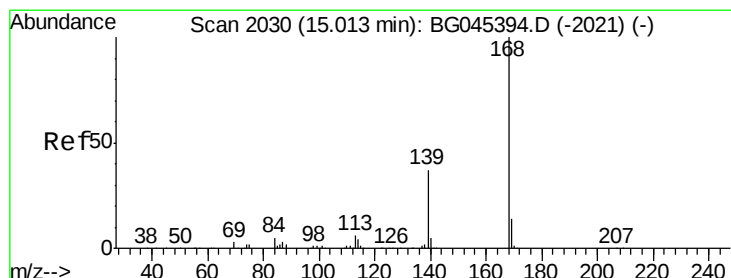
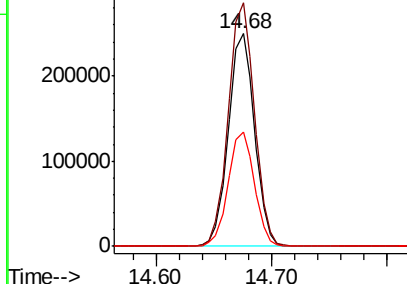
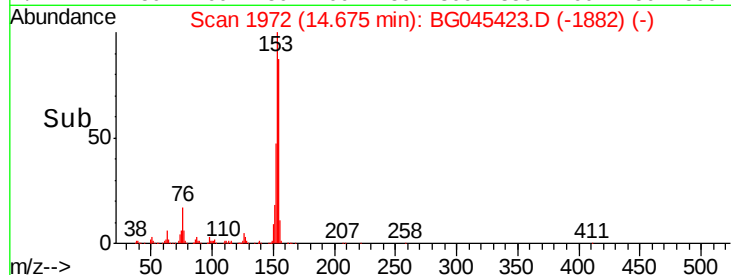
154 100

153 114.5 92.8 139.2

152 53.9 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 118.630 ng

RT: 15.02 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

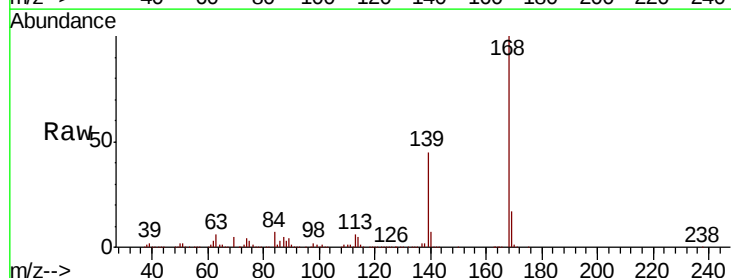
Tgt Ion:168 Resp: 2421883

Ion Ratio Lower Upper

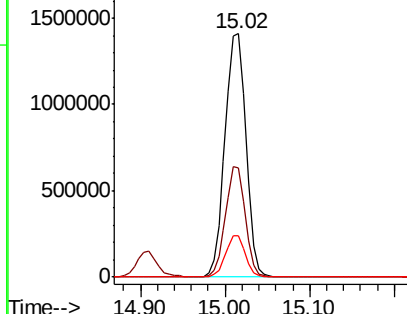
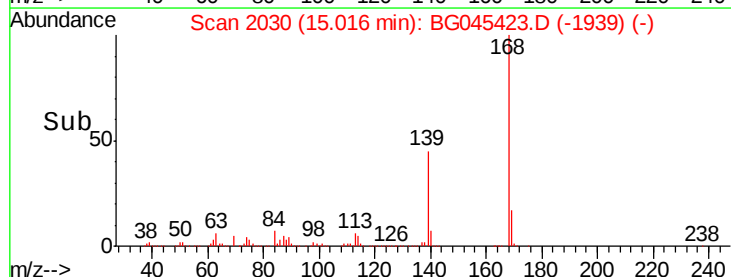
168 100

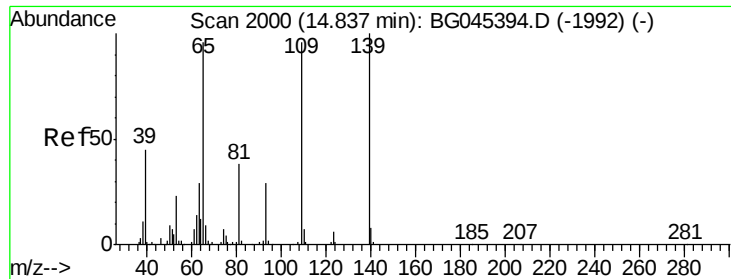
139 44.9 29.9 44.9

169 16.8 10.9 16.3#



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

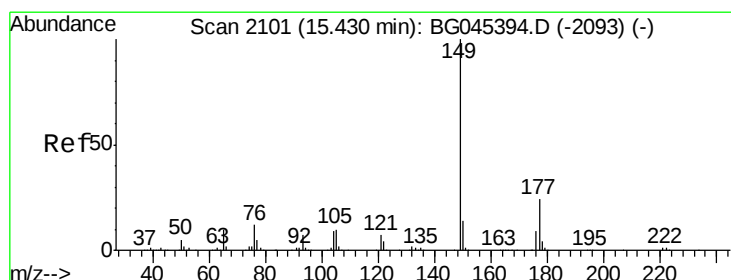
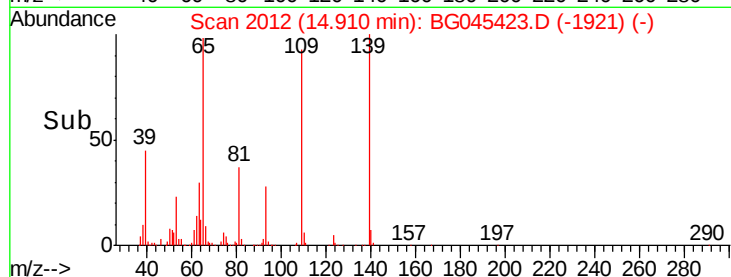
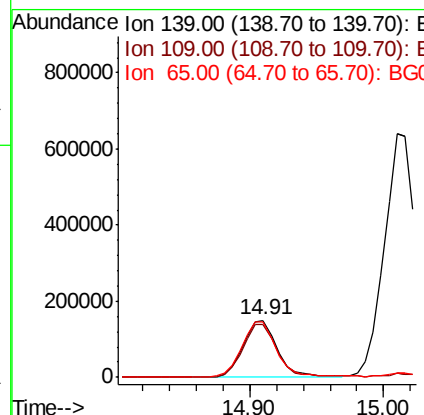
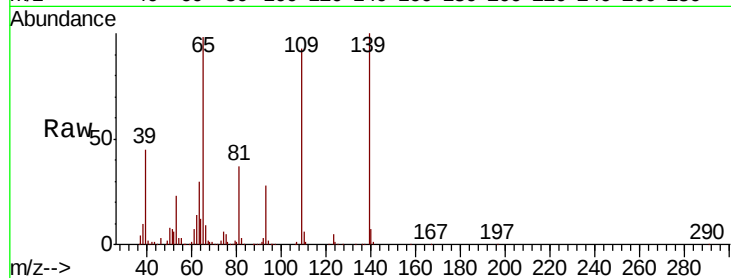




#56
4-Nitrophenol
Concen: 87.076 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

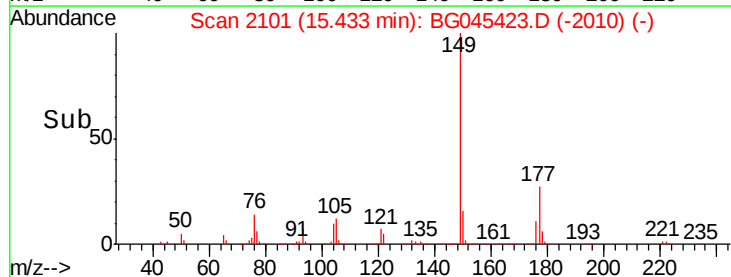
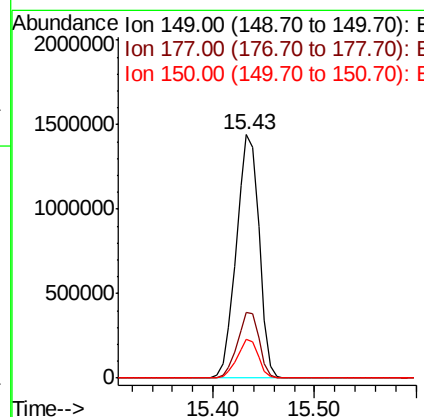
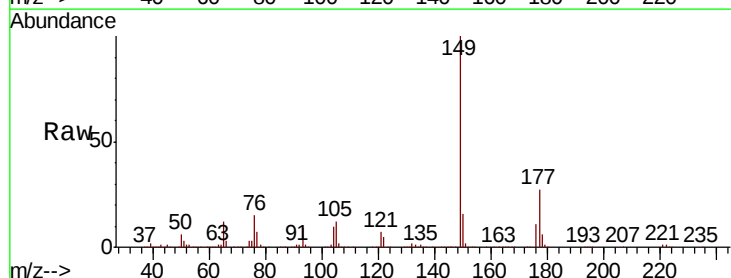
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

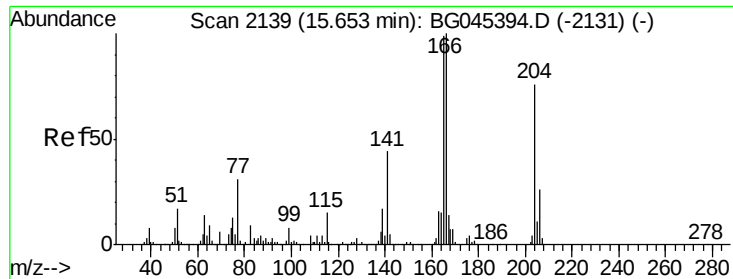
Tot Ion:139 Resp: 265833
Ion Ratio Lower Upper
139 100
109 93.2 75.6 115.6
65 98.1 76.8 116.8



#60
Diethylphthalate
Concen: 122.050 ng
RT: 15.43 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion:149 Resp: 2233137
Ion Ratio Lower Upper
149 100
177 27.2 19.0 28.4
150 16.0 11.4 17.0

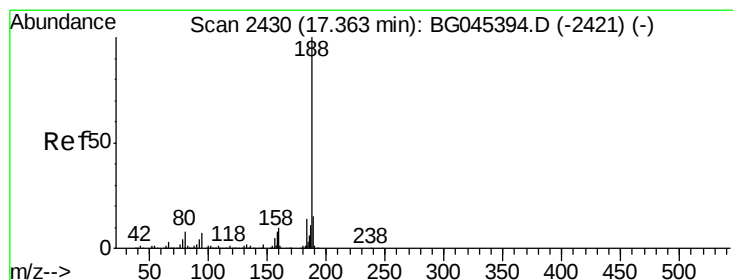
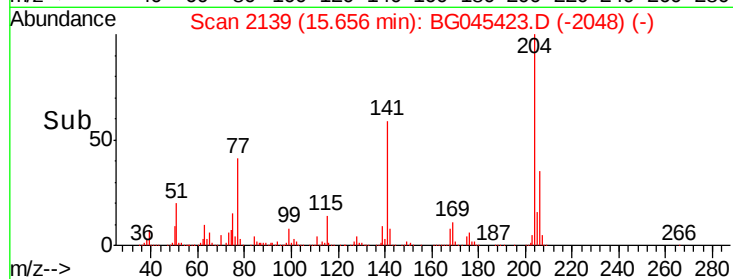
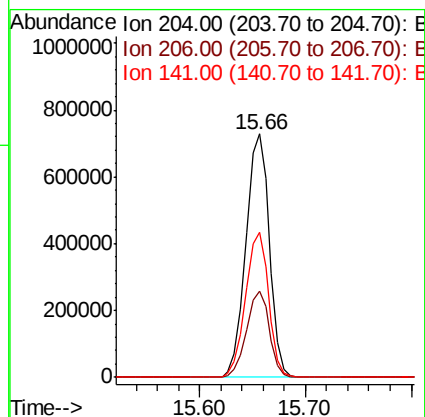
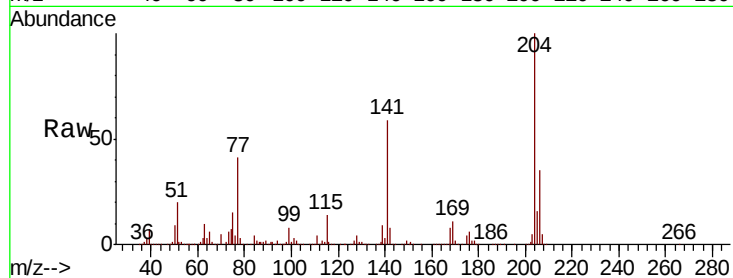




#61
 4-Chlorophenyl-phenylether
 Concen: 116.998 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.01 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

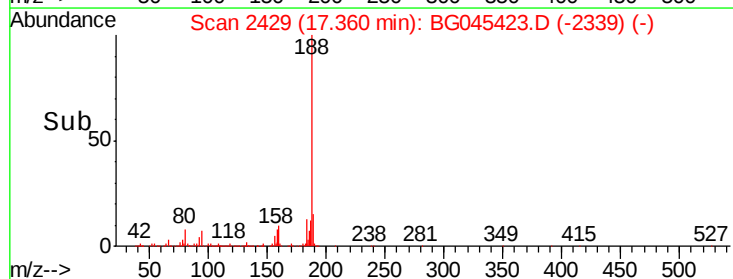
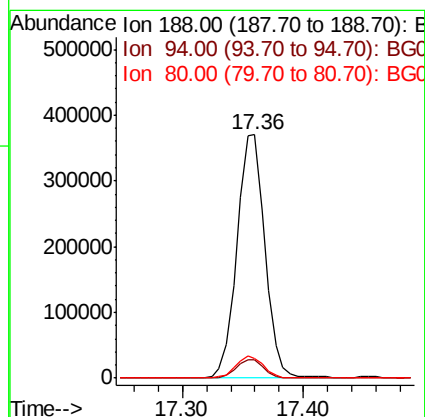
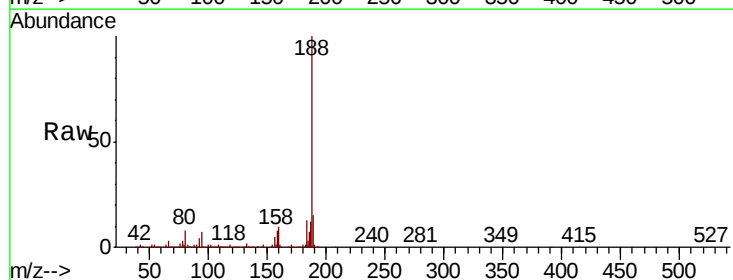
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

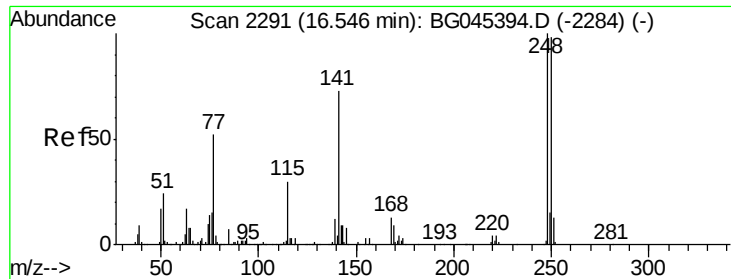
Tot Ion:204 Resp: 1122918
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.3 40.9
 141 59.4 45.9 68.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion:188 Resp: 598650
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.5 8.3
 80 8.1 6.6 10.0

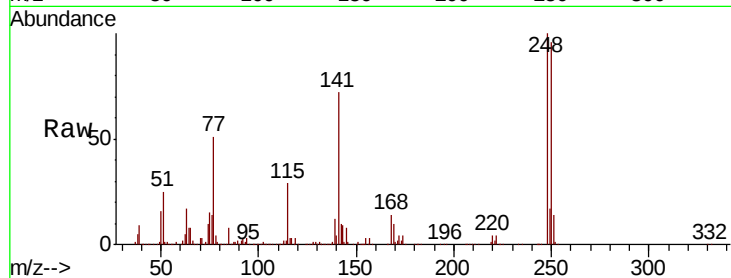




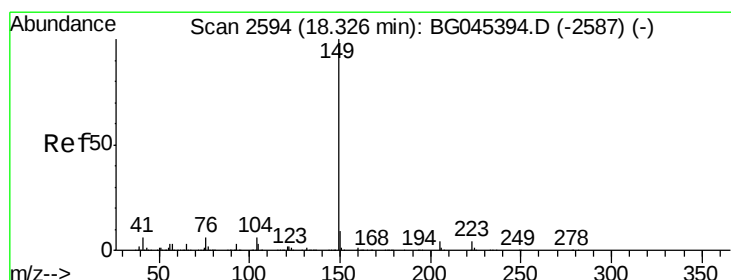
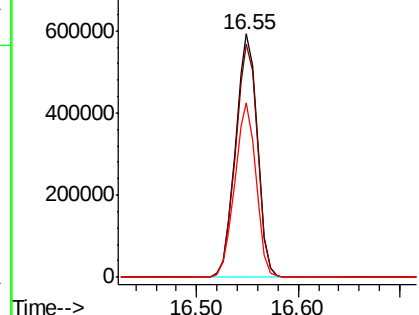
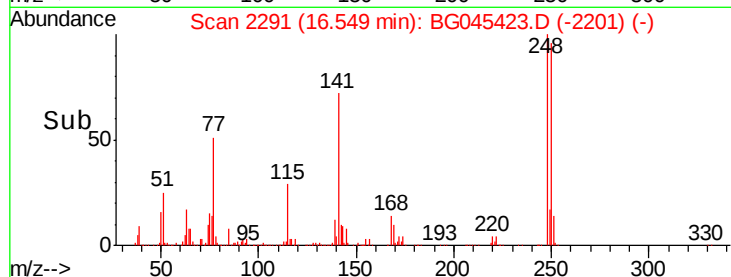
#67
4-Bromophenyl-phenylether
Concen: 136.654 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion:248 Resp: 885848
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 71.9 58.2 87.2

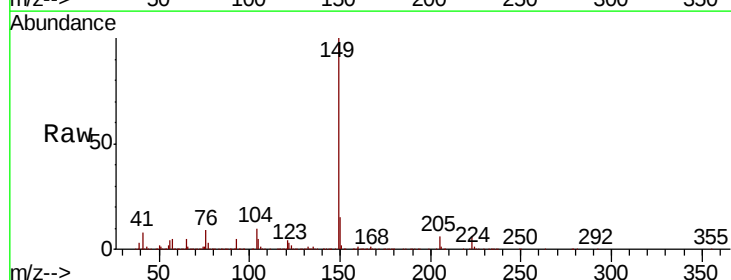


Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

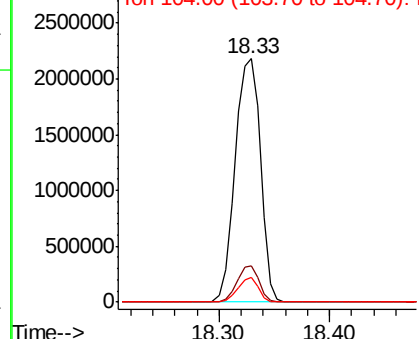
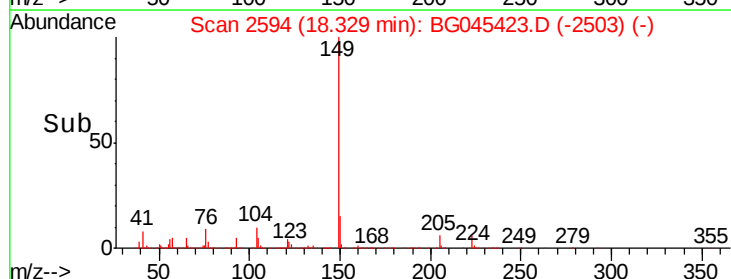


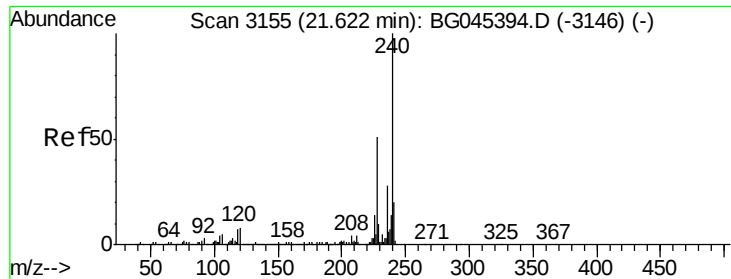
#74
Di-n-butylphthalate
Concen: 114.665 ng
RT: 18.33 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion:149 Resp: 3520852
Ion Ratio Lower Upper
149 100
150 14.9 7.6 11.4#
104 10.0 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E
3000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

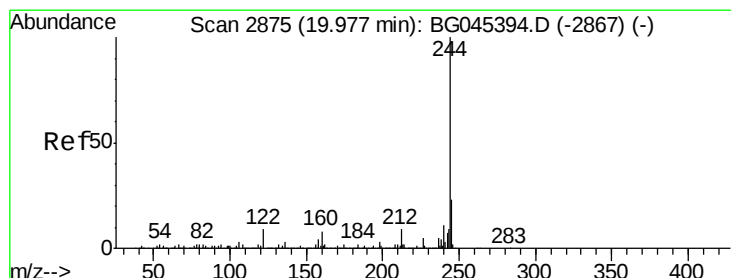
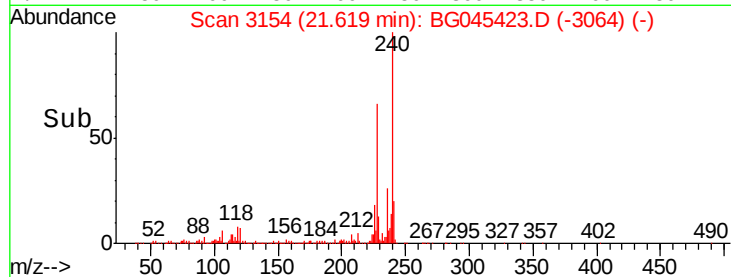
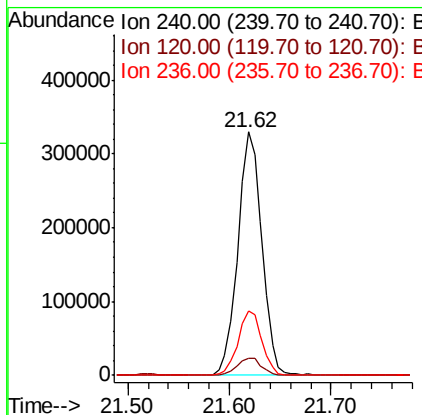
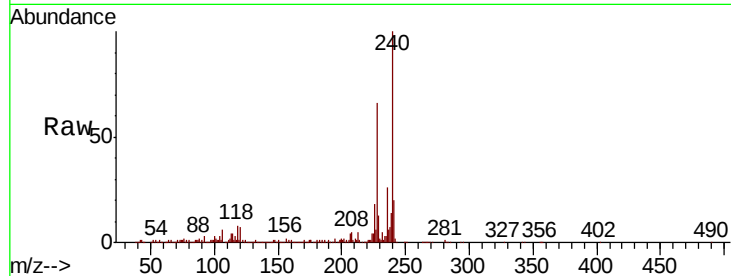




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

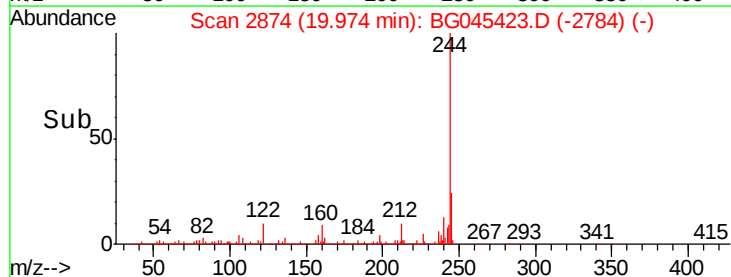
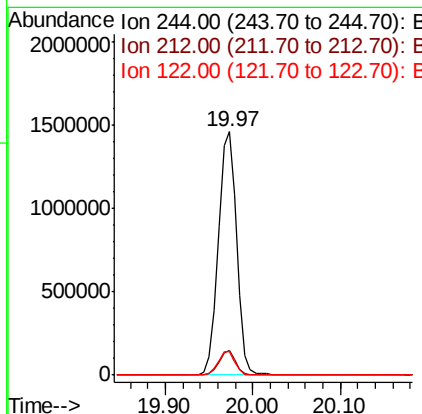
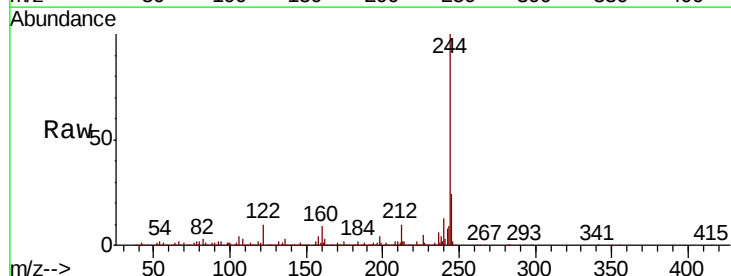
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

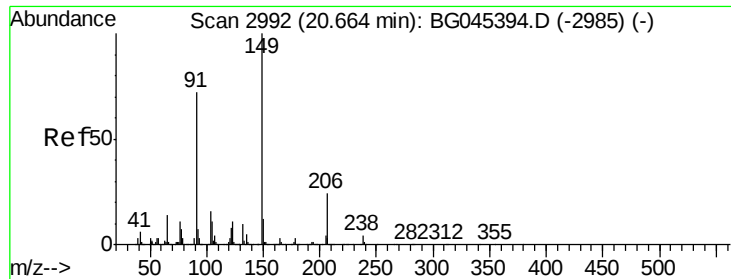
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	26.4	22.3	33.5



#79
 Terphenyl-d14
 Concen: 91.468 ng
 RT: 19.97 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BG045423.D
 Acq: 19 May 2020 12:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.4	11.0
122	9.5	6.8	10.2

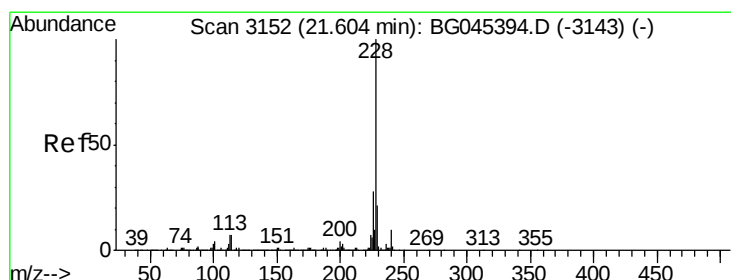
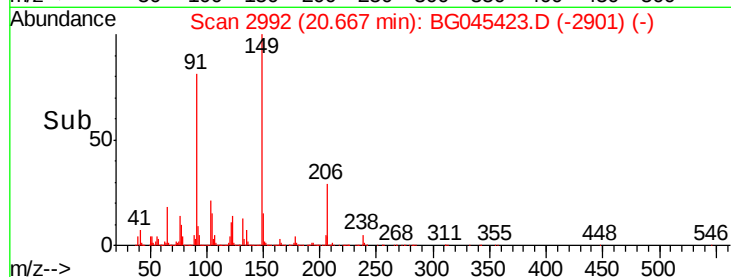
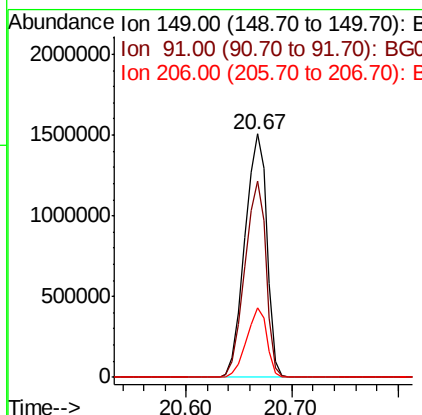
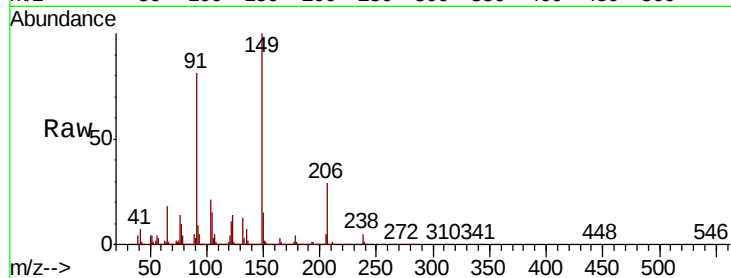




#80
Butylbenzylphthalate
Concen: 163.517 ng
RT: 20.67 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

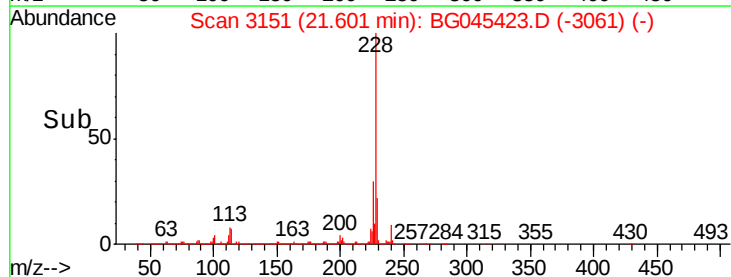
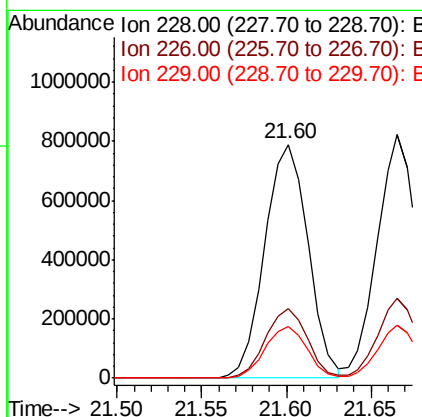
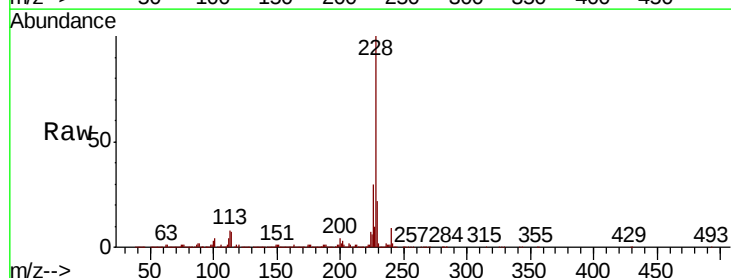
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

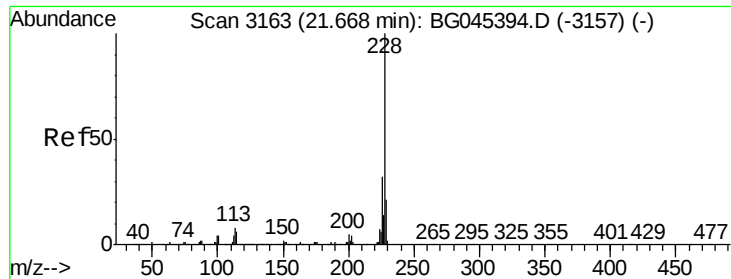
Tot Ion:149 Resp: 2181339
Ion Ratio Lower Upper
149 100
91 80.8 57.8 86.6
206 28.8 19.1 28.7#



#81
Benzo(a)anthracene
Concen: 46.148 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045423.D
Acq: 19 May 2020 12:07

Tgt Ion:228 Resp: 1393793
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 21.9 16.7 25.1





#83

Chrysene

Concen: 46.924 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

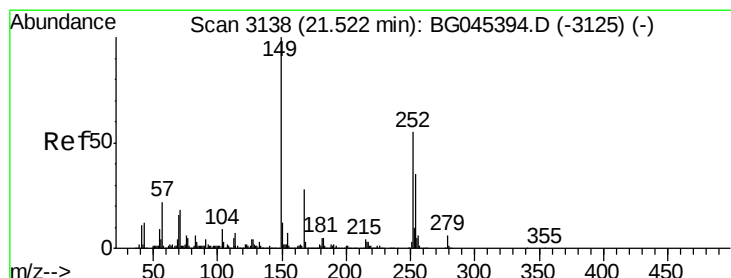
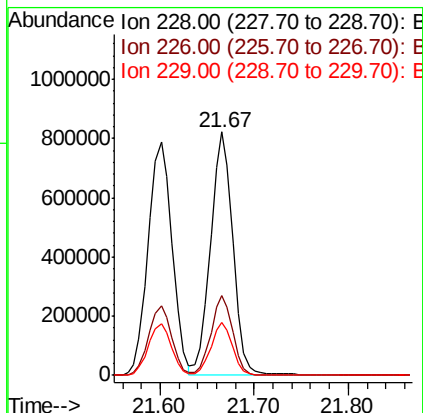
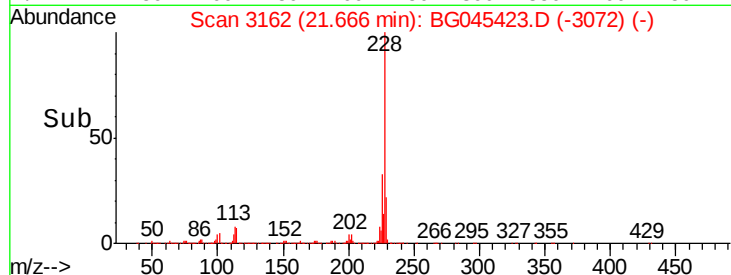
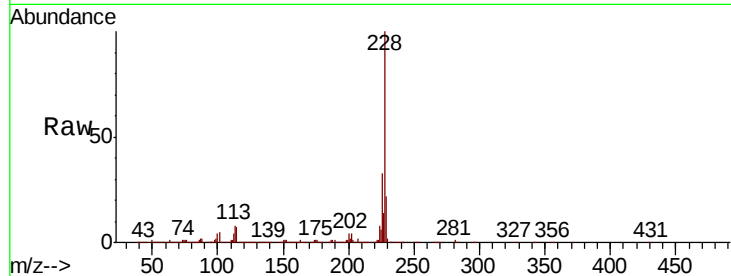
Tot Ion:228 Resp: 1362733

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.7	16.7	25.1

228 100

226 32.7 25.2 37.8

229 21.7 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 143.734 ng

RT: 21.52 min Scan# 3137

Delta R.T. 0.01 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

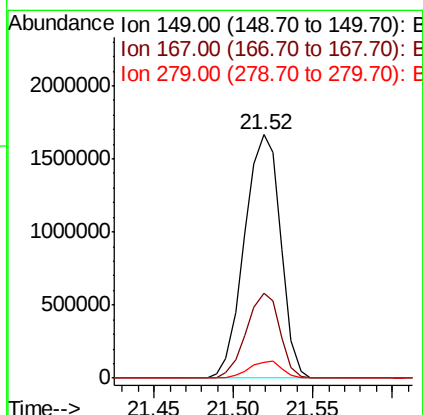
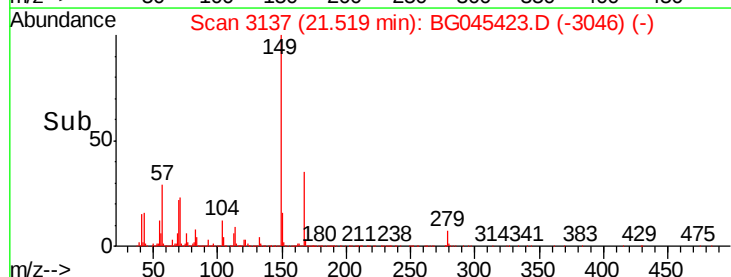
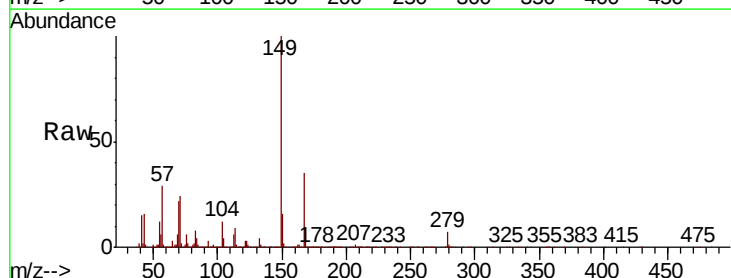
Tgt Ion:149 Resp: 2635766

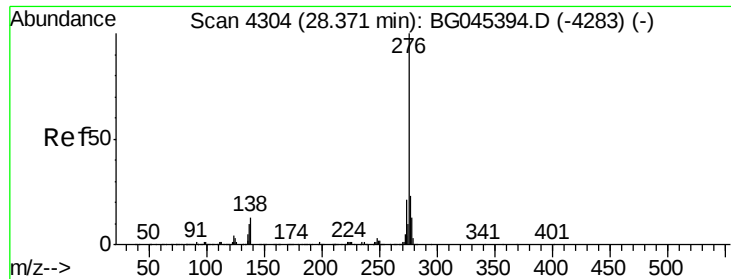
Ion	Ratio	Lower	Upper
149	100		
167	35.0	22.2	33.2#
279	6.6	4.7	7.1

149 100

167 35.0 22.2 33.2#

279 6.6 4.7 7.1





#86

Indeno(1,2,3-cd)pyrene

Concen: 61.573 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.02 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

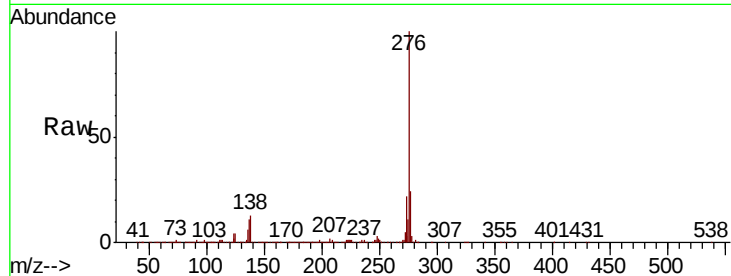
Tot Ion:276 Resp: 2338322

Ion Ratio Lower Upper

276 100

138 12.9 8.6 12.8#

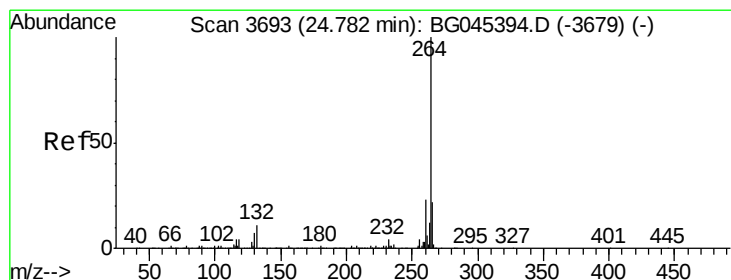
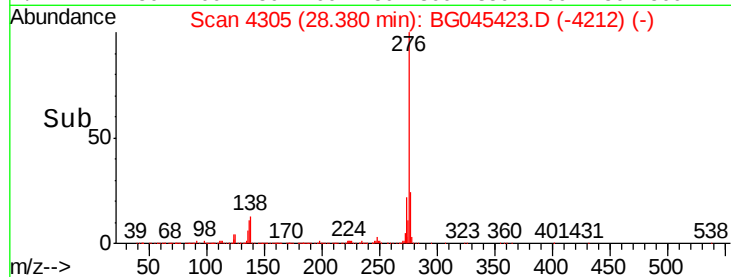
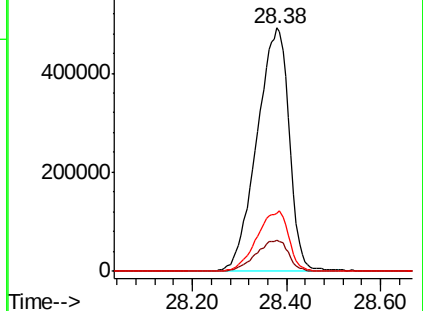
277 24.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.00 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

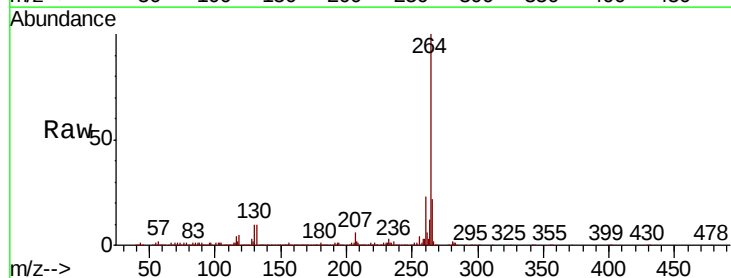
Tgt Ion:264 Resp: 619661

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

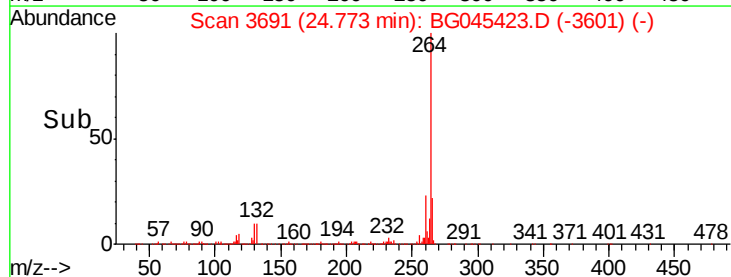
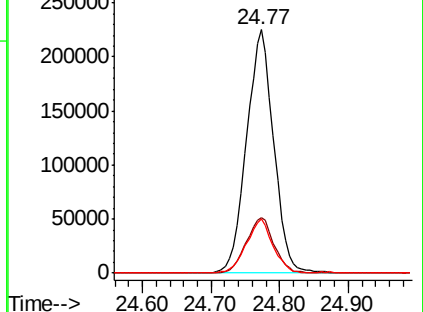
265 22.2 17.6 26.4

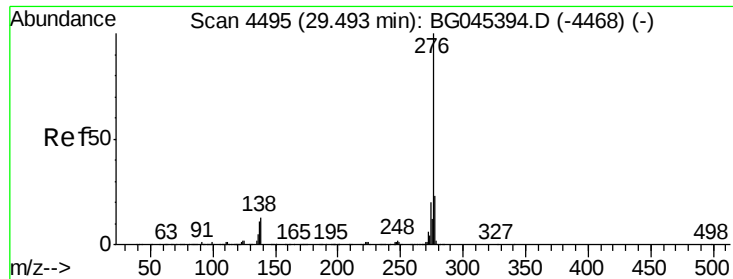


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#92

Benzo(a,h,i)perylene

Concen: 49.929 ng

RT: 29.49 min Scan# 4494

Delta R.T. 0.01 min

Lab File: BG045423.D

Acq: 19 May 2020 12:07

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion:276 Resp: 1553113

Ion Ratio Lower Upper

276 100

277 24.8 18.1 27.1

138 13.5 10.2 15.4

