

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034495.D
 Acq On : 16 May 2018 19:22
 Operator : SJ/JU
 Sample : J2604-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-Soil

Manual Integrations
 APPROVED

Sohil
 5/17/2018 5:04:23 PM

Quant Time: May 17 17:58:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46530	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222159	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	165498	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	383546	20.00	ng	0.00
75) Chrysene-d12	21.74	240	377136	20.00	ng	0.00
86) Perylene-d12	25.01	264	411917	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	394760	130.67	ng	0.00
7) Phenol-d6	7.21	99	623404	127.56	ng	0.00
23) Nitrobenzene-d5	9.21	82	487184	83.77	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	367618	128.97	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1008297	82.71	ng	0.00
78) Terphenyl-d14	20.06	244	1698886	98.79	ng	0.00

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	7.94	146	346142	92.068	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	770984	201.398	ng	94
14) 1,2-Dichlorobenzene	8.41	146	693942m	184.682	ng	
28) bis(2-Chloroethoxy)methane	10.26	93	632771	111.527	ng	98
29) 2,4-Dichlorophenol	10.51	162	973102	247.598	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	390776	83.623	ng	98
34) Hexachlorobutadiene	11.20	225	699001	188.278	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	475983	89.883	ng	85
37) 2-Methylnaphthalene	12.52	142	571305	61.245	ng	# 91
42) 2,4,6-Trichlorophenol	13.13	196	938926	242.652	ng	93
43) 2,4,5-Trichlorophenol	13.20	196	395274	93.101	ng	# 91
46) 2-Chloronaphthalene	13.58	162	951290	92.718	ng	97
48) Acenaphthylene	14.42	152	2042710	130.095	ng	95
50) 2,6-Dinitrotoluene	14.28	165	794537	271.225	ng	# 73
51) Acenaphthene	14.76	154	1054057	103.549	ng	93
55) 4-Nitrophenol	14.93	139	400644	168.388	ng	# 51
57) Fluorene	15.75	166	1491933	114.484	ng	98
60) 4-Chlorophenyl-phenylether	15.74	204	1534006	198.223	ng	# 86
66) 4-Bromophenyl-phenylether	16.64	248	1014522	200.990	ng	# 92
67) Hexachlorobenzene	16.76	284	927777	166.335	ng	95
69) Pentachlorophenol	17.11	266	928145	275.926	ng	98
70) Phenanthrene	17.50	178	2522694	120.760	ng	95
73) Di-n-butylphthalate	18.42	149	3047488	140.509	ng	# 90
74) Fluoranthene	19.51	202	2320828	90.396	ng	93
79) Butylbenzylphthalate	20.76	149	1036552	113.881	ng	89
80) Benzo(a)anthracene	21.73	228	1978904	80.752	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	1856231	150.159	ng	# 98
85) Indeno(1,2,3-cd)pyrene	28.76	276	2530843	88.007	ng	# 79
88) Benzo(k)fluoranthene	24.05	252	2280180	92.090	ng	# 93
89) Benzo(a)pyrene	24.87	252	2845058	115.000	ng	# 95
90) Dibenzo(a,h)anthracene	28.84	278	2326744	94.839	ng	# 94
91) Benzo(a,h,i)perylene	29.95	276	2451766	99.414	ng	# 89

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

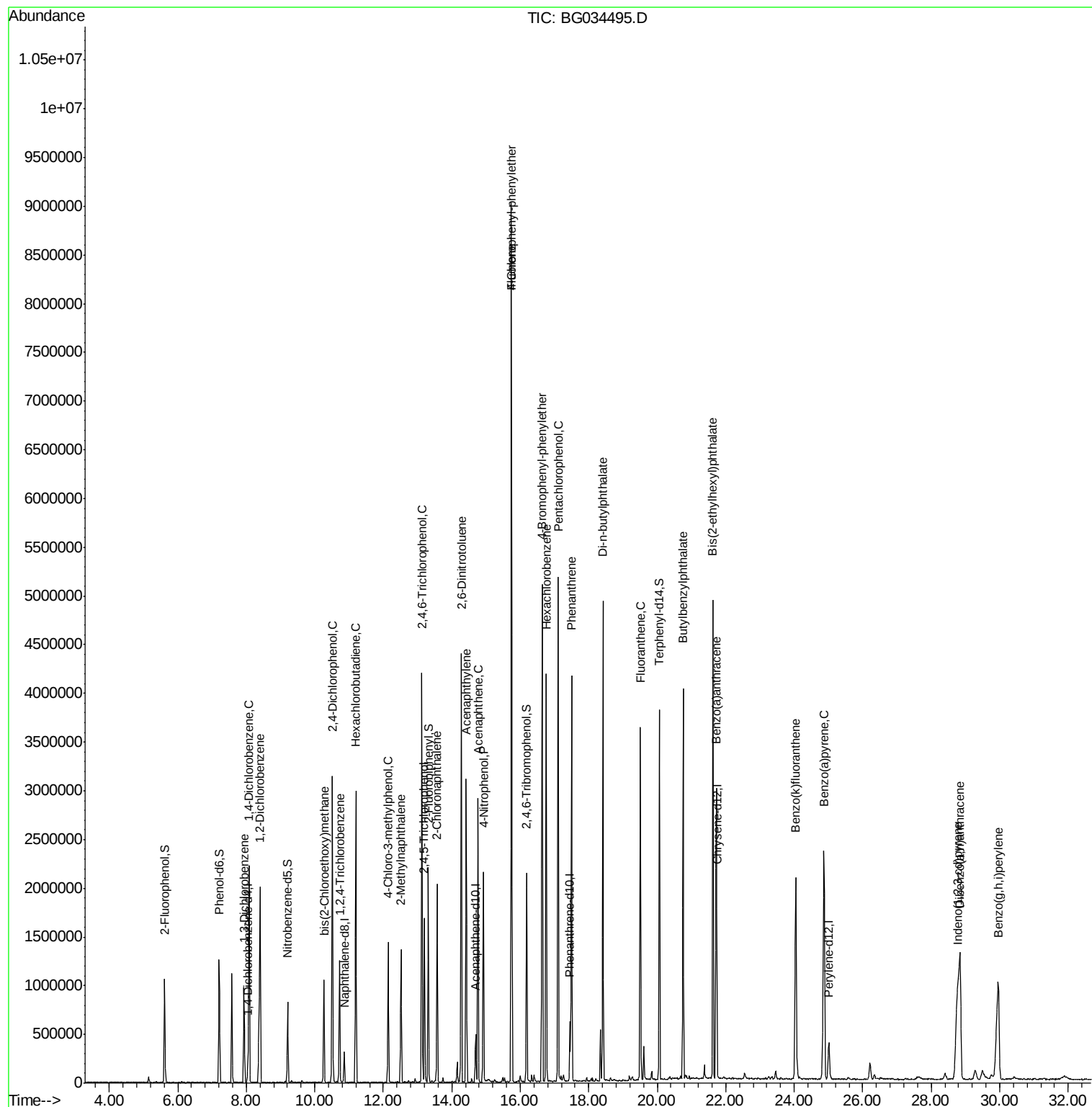
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
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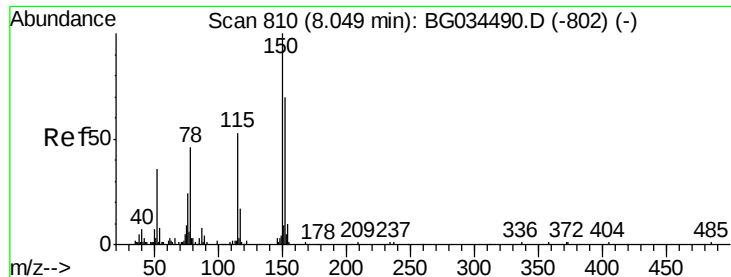
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

ClientSampleId :

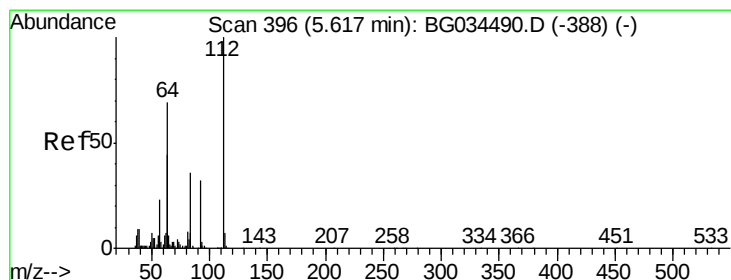
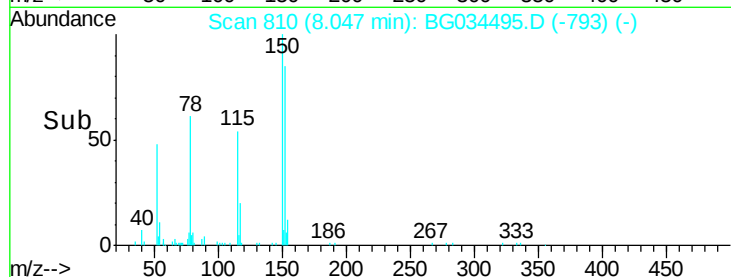
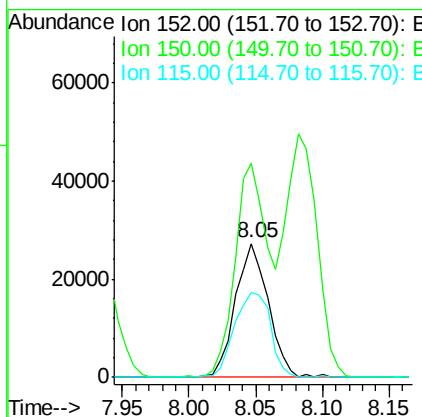
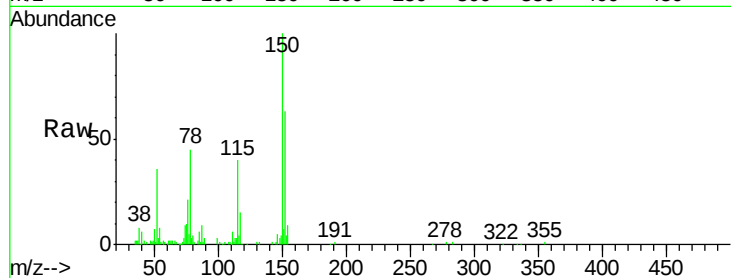
PT-BNA-Soil

Tot Ion:	152	Resp:	46530
Ion Ratio	Lower	Upper	
152	100		
150	159.5	126.6	189.8
115	63.3	53.0	79.4

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#5

2-Fluorophenol

Concen: 130.673 ng

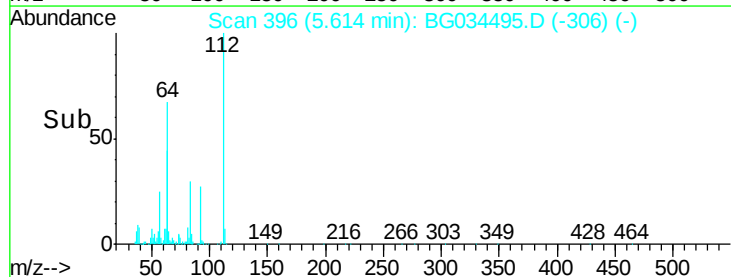
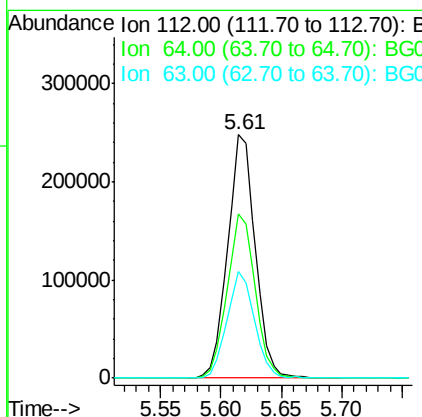
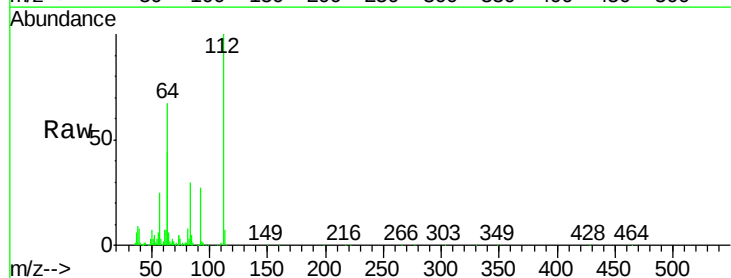
RT: 5.61 min Scan# 396

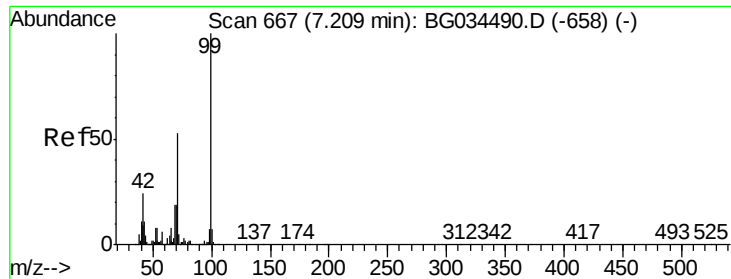
Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Tgt Ion:	112	Resp:	394760
Ion Ratio	Lower	Upper	
112	100		
64	67.3	56.3	84.5
63	43.6	30.1	45.1





#7

Phenol-d6

Concen: 127.564 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

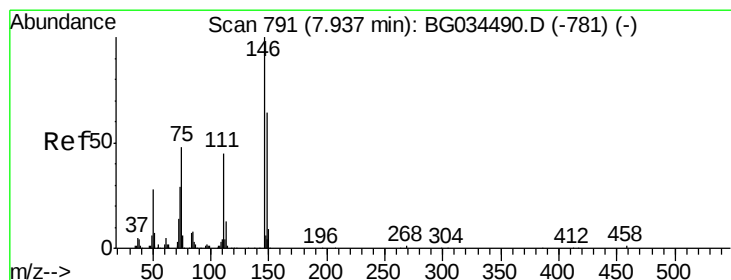
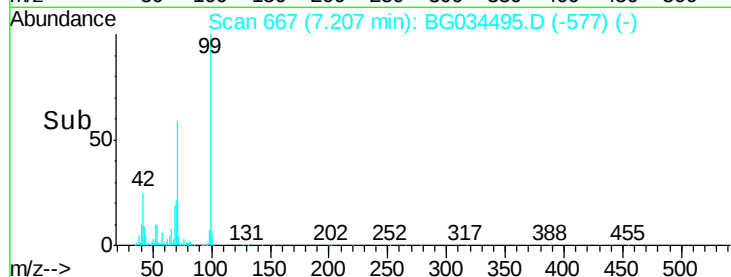
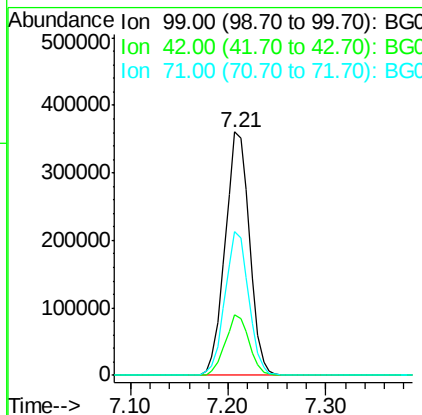
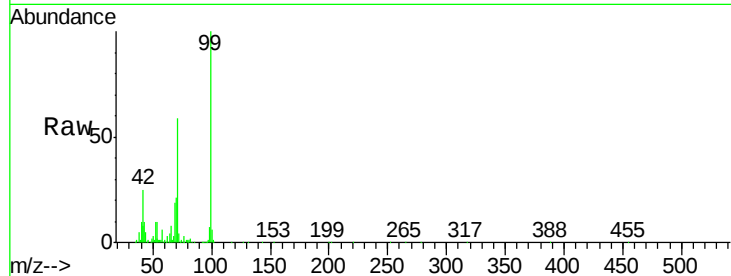
ClientSampleId :

PT-BNA-Soil

Tot Ion:	99	Resp:	623404
Ion Ratio	Lower	Upper	
99	100		
42	25.1	14.1	21.1#
71	59.3	26.1	39.1#

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#12

1,3-Dichlorobenzene

Concen: 92.068 ng

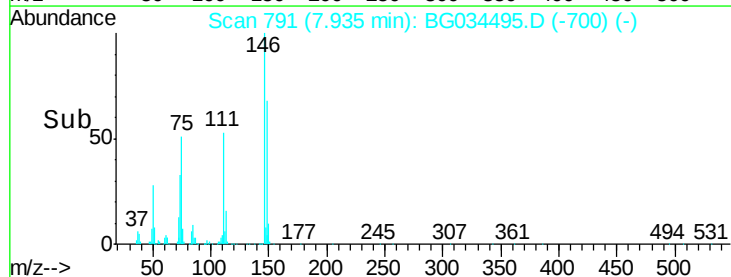
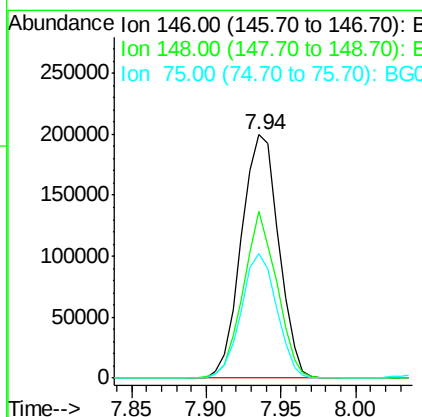
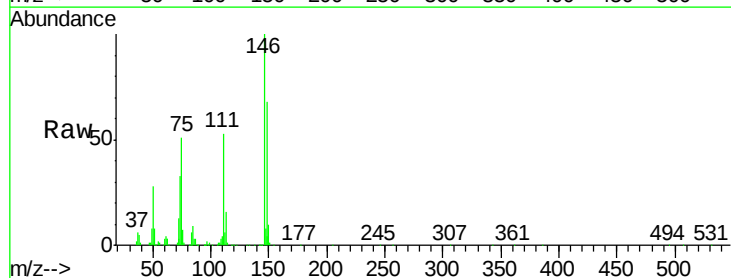
RT: 7.94 min Scan# 791

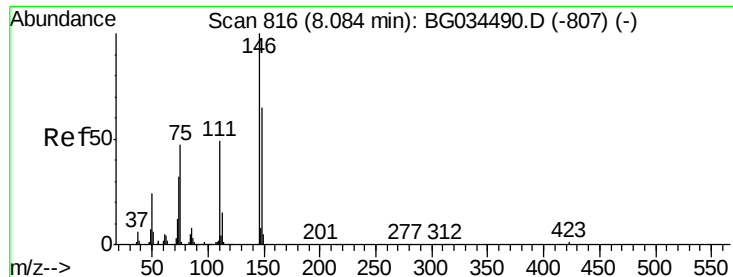
Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Tgt Ion:	146	Resp:	346142
Ion Ratio	Lower	Upper	
146	100		
148	68.5	51.4	77.2
75	51.4	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 201.398 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

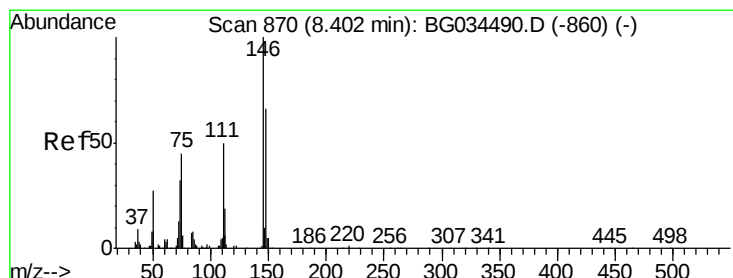
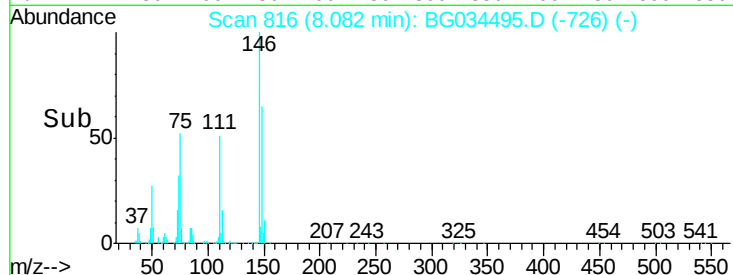
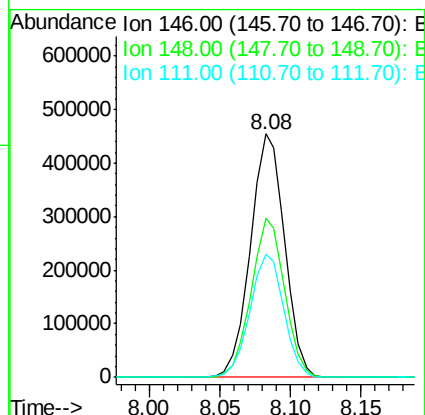
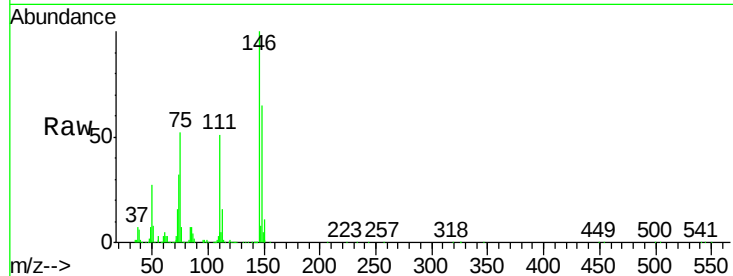
ClientSampled :

PT-BNA-Soil

Tot Ion:	146	Resp:	770984
Ion Ratio	Lower	Upper	
146	100		
148	65.3	53.7	80.5
111	50.8	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 184.682 ng m

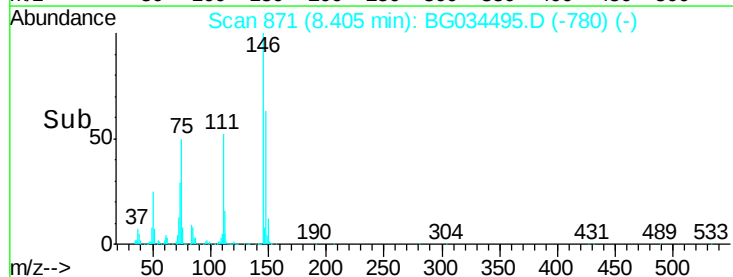
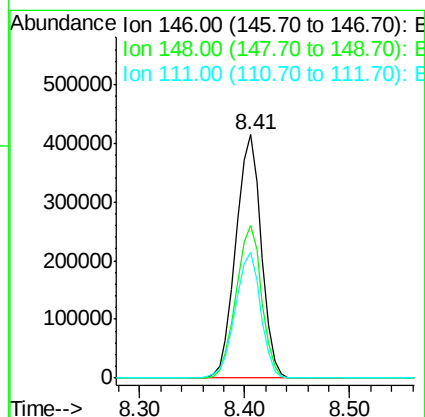
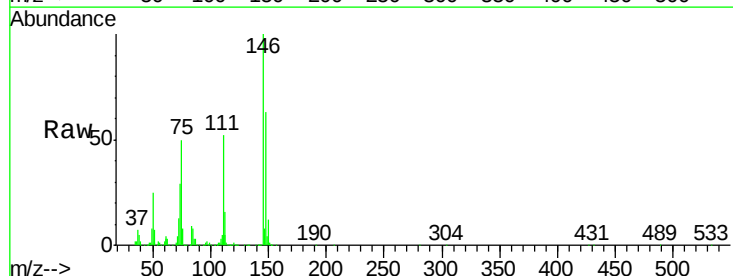
RT: 8.41 min Scan# 871

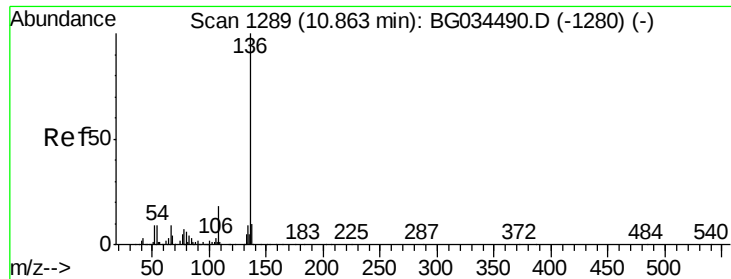
Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Tgt Ion:	146	Resp:	693942
Ion Ratio	Lower	Upper	
146	100		
148	62.8	49.3	73.9
111	51.8	34.3	51.5#





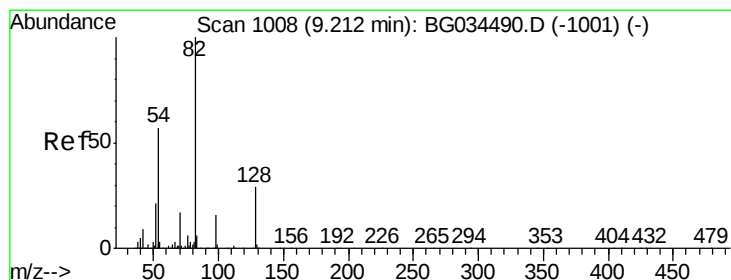
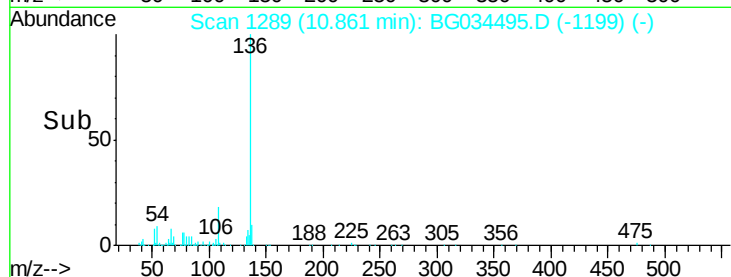
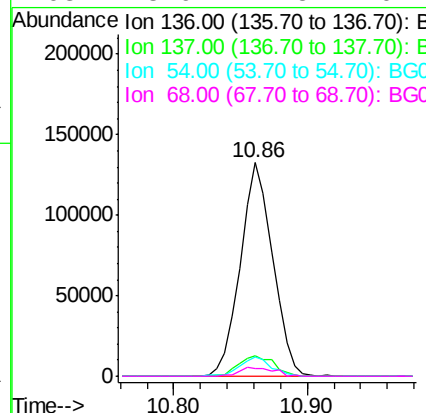
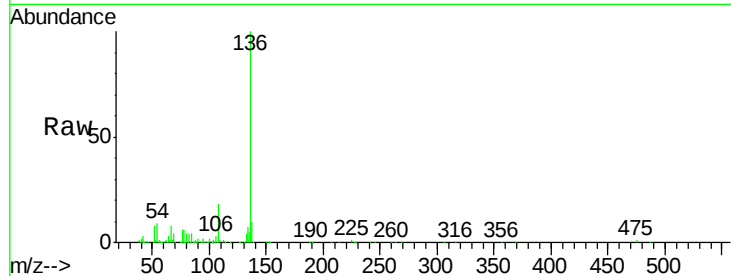
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

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BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Resp	Lower	Upper
136	100	222159		
137	9.7		9.2	13.8
54	9.2		10.3	15.5#
68	3.9		4.5	6.7#

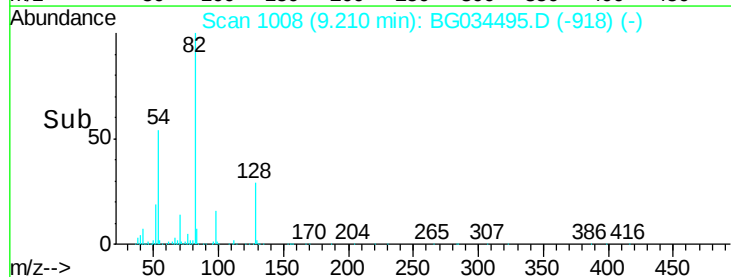
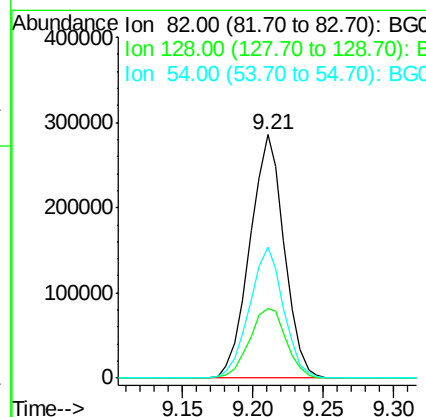
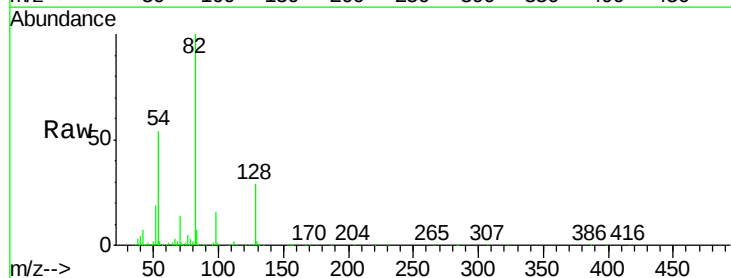
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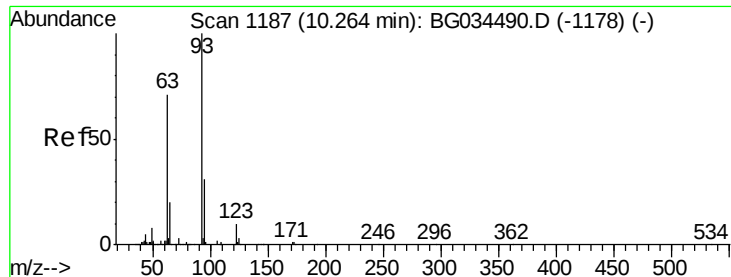
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#23
Nitrobenzene-d5
Concen: 83.772 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	487184		
128	28.5		29.7	44.5#
54	53.9		43.1	64.7





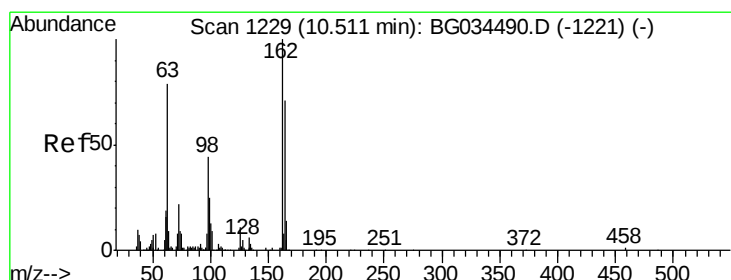
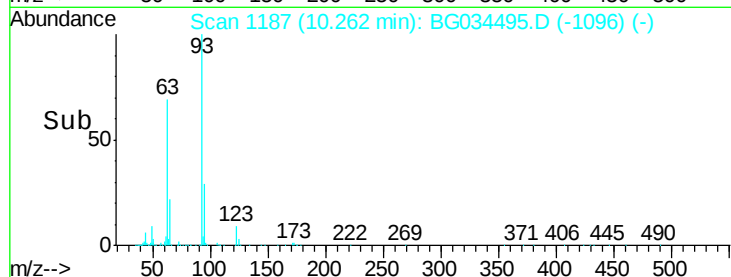
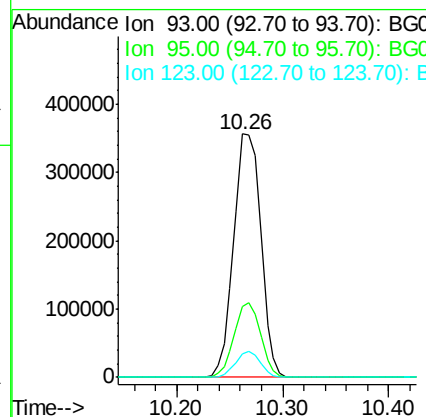
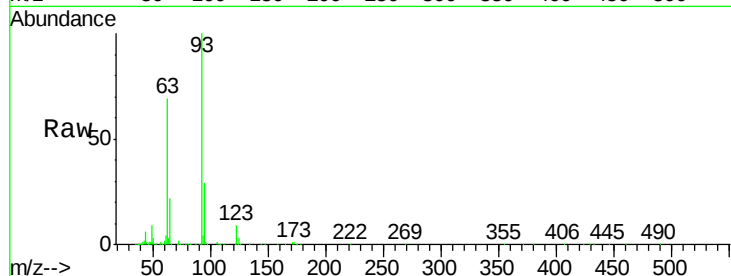
#28
bis(2-Chloroethoxy)methane
Concen: 111.527 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
93	100		
95	29.2	24.3	36.5
123	9.4	8.4	12.6

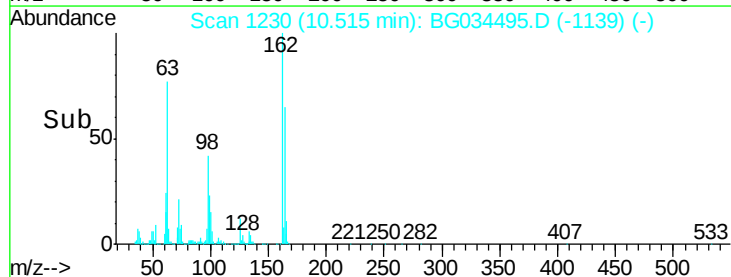
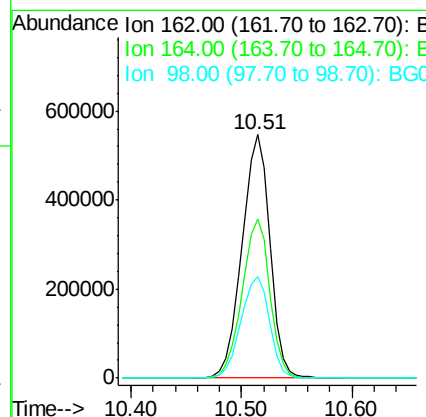
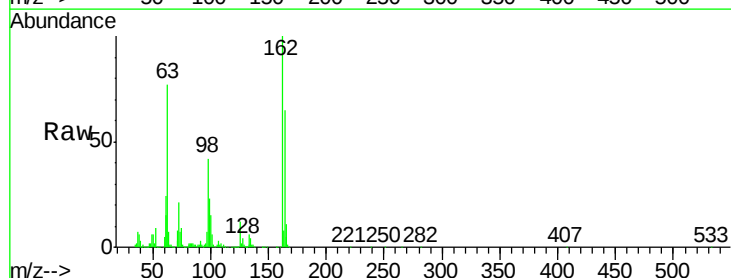
Manual Integrations
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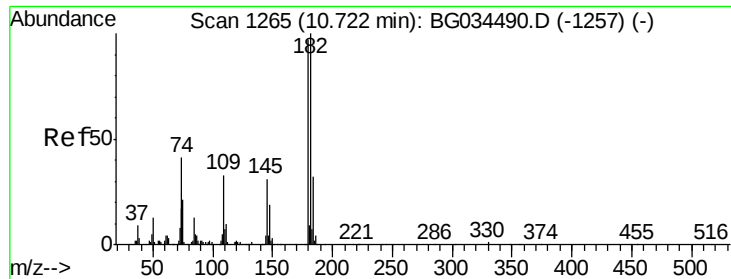
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#29
2,4-Dichlorophenol
Concen: 247.598 ng
RT: 10.51 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	41.8	21.1	61.1





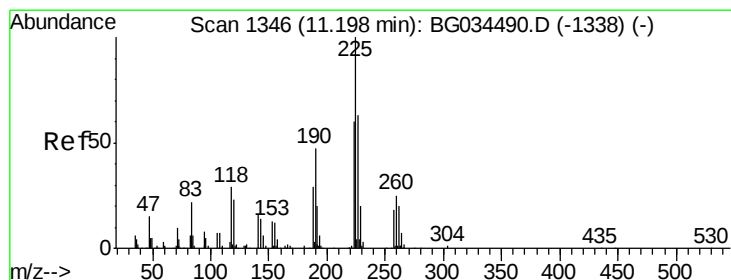
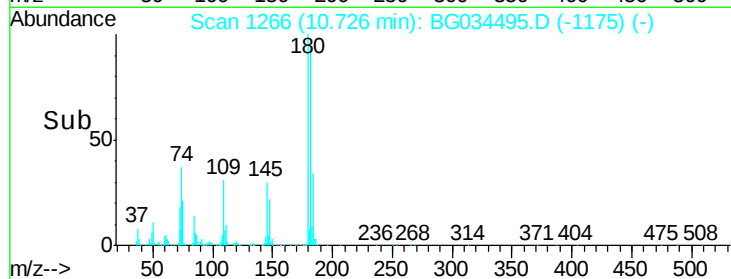
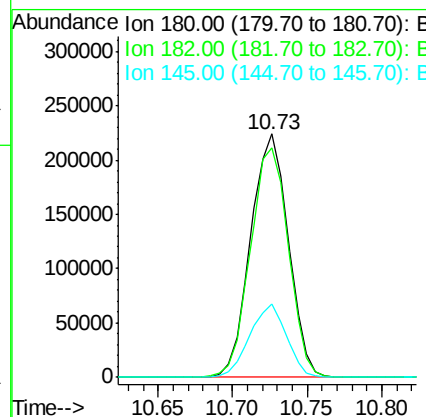
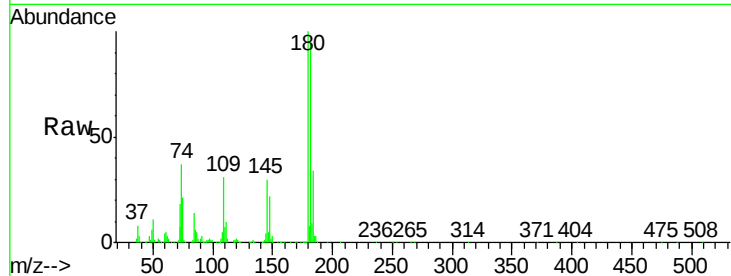
#30
 1,2,4-Trichlorobenzene
 Concen: 83.623 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BG034495.D
 Acq: 16 May 2018 19:22

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-Soil

Tot Ion	Ratio	Resp	Lower	Upper
180	100	390776		
182	94.3		77.5	116.3
145	30.1		23.4	35.2

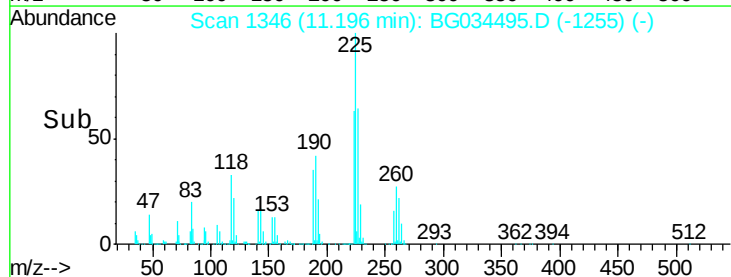
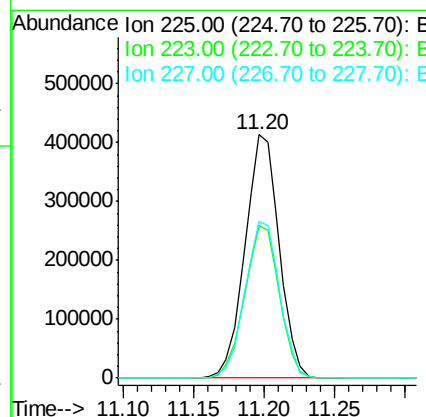
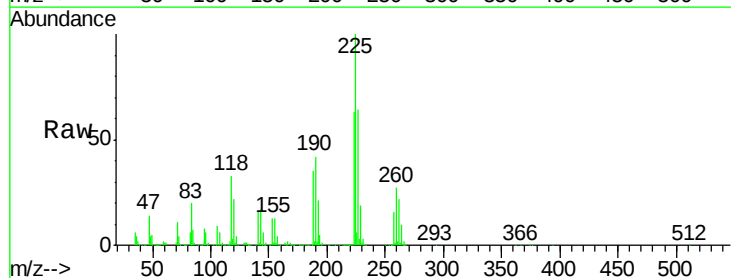
Manual Integrations
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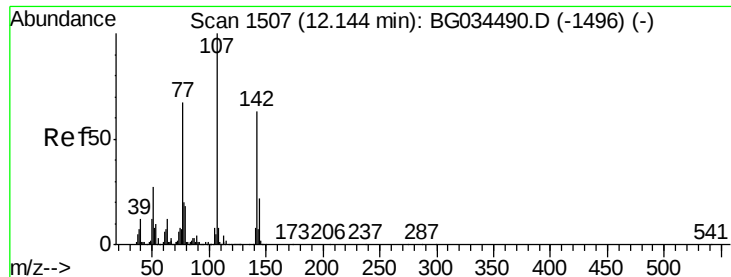
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#34
 Hexachlorobutadiene
 Concen: 188.278 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BG034495.D
 Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	699001		
223	62.6		49.7	74.5
227	64.4		48.1	72.1





#36

4-Chloro-3-methylphenol

Concen: 89.883 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

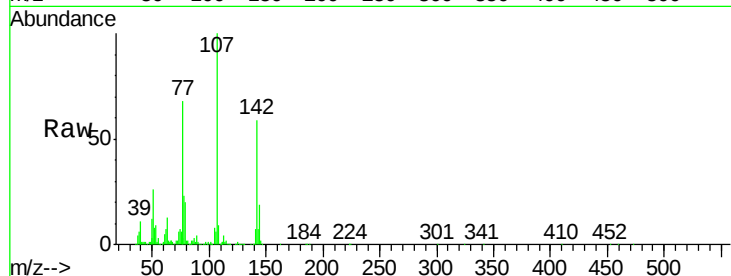
ClientSampled :

PT-BNA-Soil

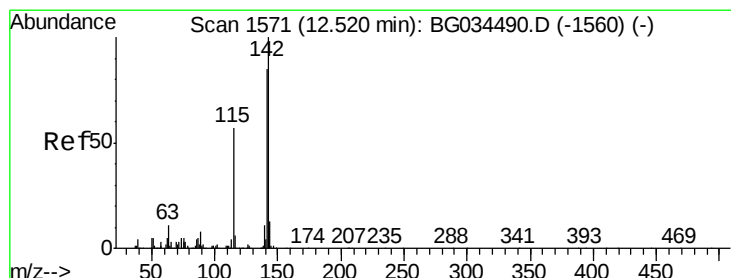
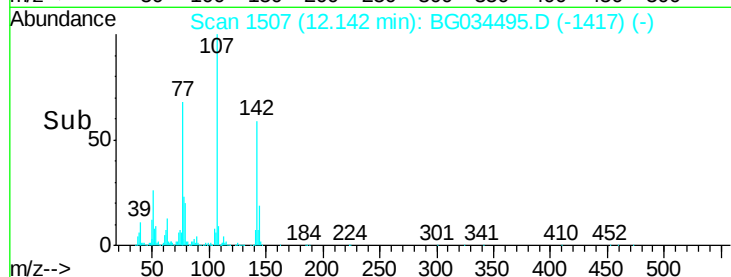
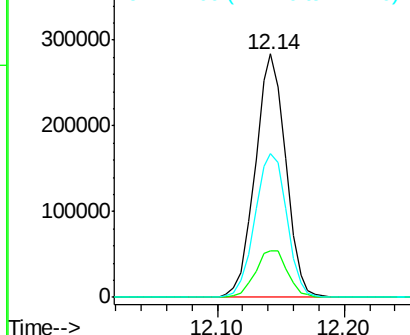
Tot Ion:	107	Resp:	475983
Ion Ratio	Lower	Upper	
107	100		
144	18.9	18.2	27.4
142	59.1	59.0	88.4

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 61.245 ng

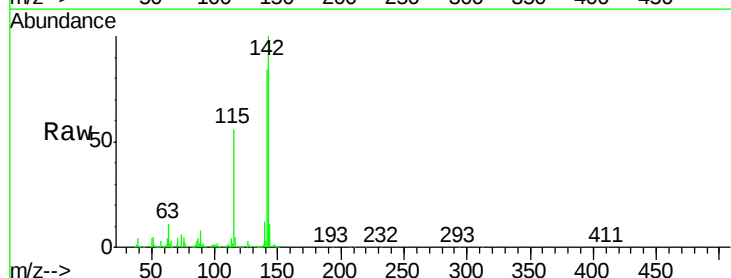
RT: 12.52 min Scan# 1571

Delta R.T. -0.00 min

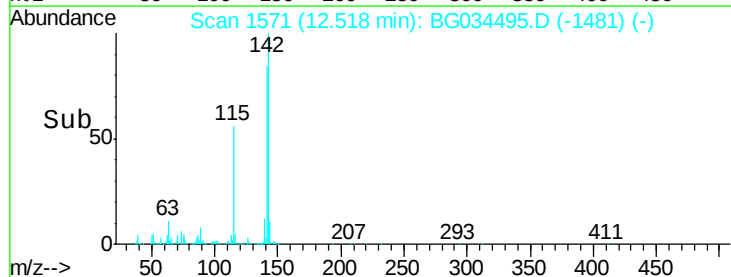
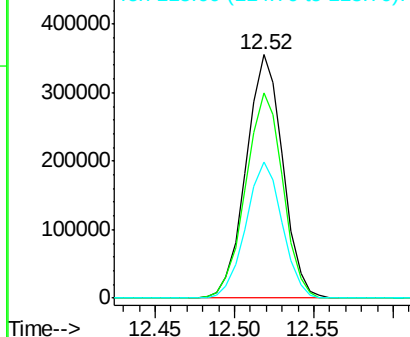
Lab File: BG034495.D

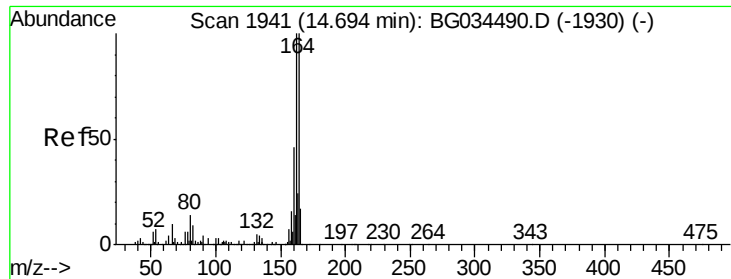
Acq: 16 May 2018 19:22

Tgt Ion:	142	Resp:	571305
Ion Ratio	Lower	Upper	
142	100		
141	84.3	67.1	100.7
115	55.9	30.7	46.1#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





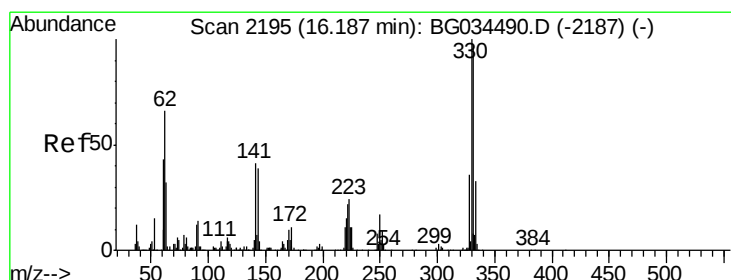
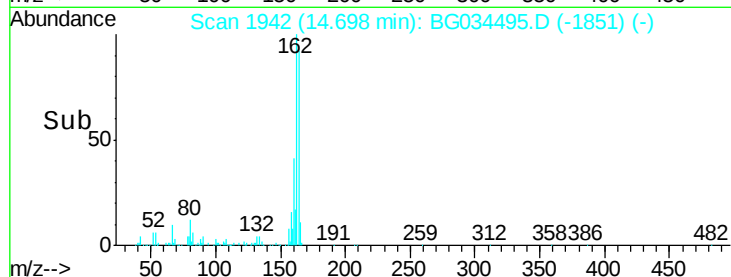
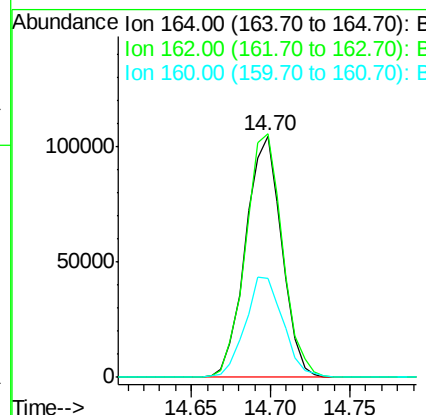
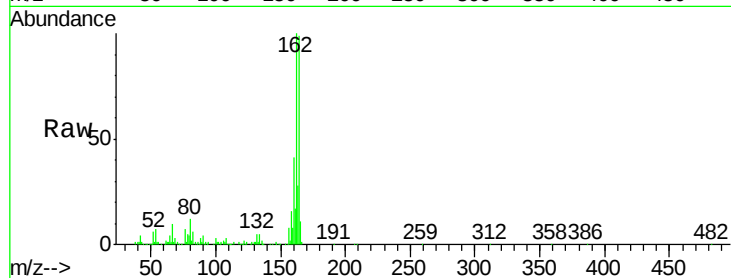
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampled :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	41.1	35.4	53.0

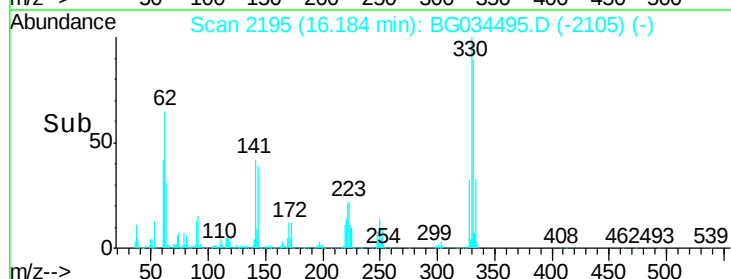
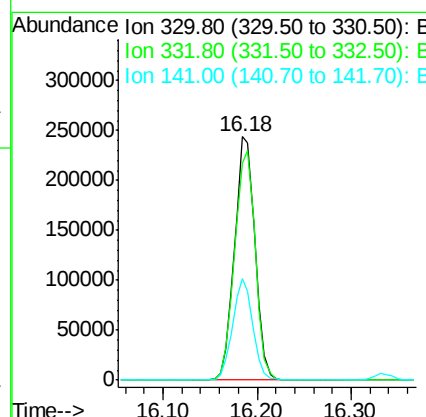
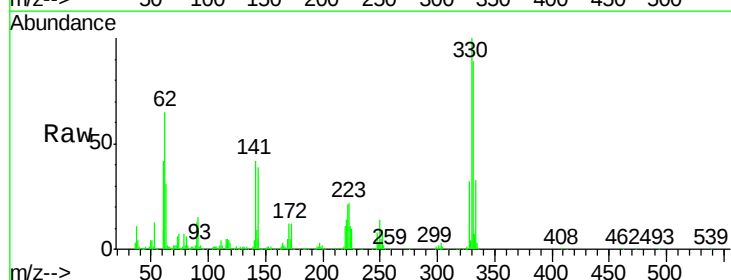
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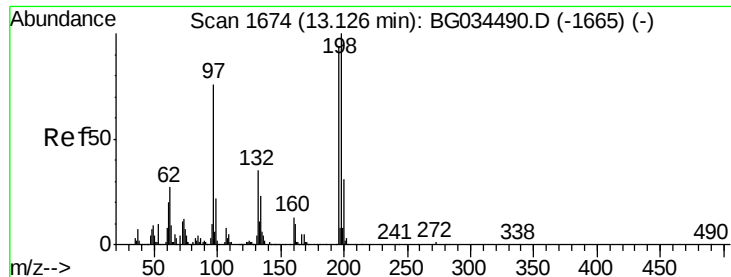
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#41
2,4,6-Tribromophenol
Concen: 128.974 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.5	25.2	37.8





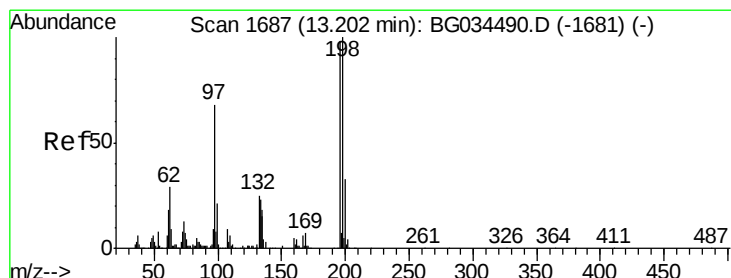
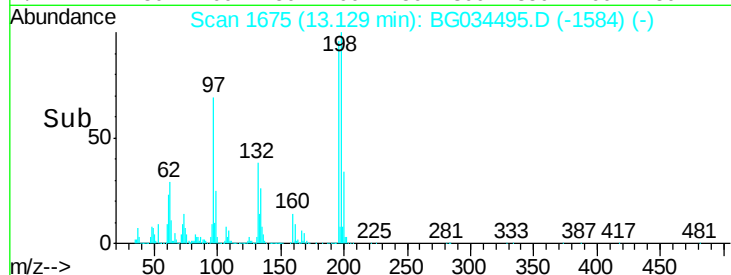
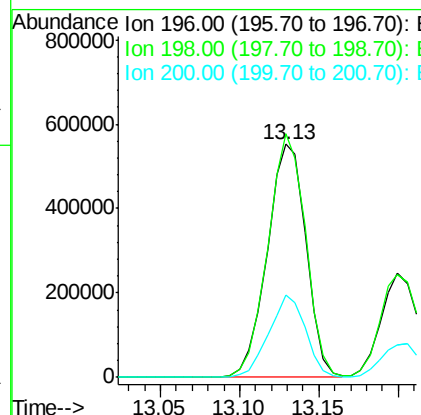
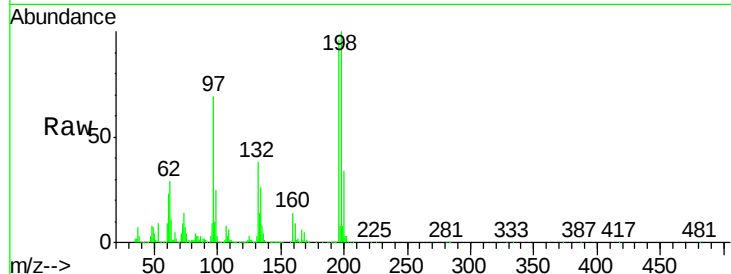
#42
2,4,6-Trichlorophenol
Concen: 242.652 ng
RT: 13.13 min Scan# 1675
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Resp	Lower	Upper
196	100	938926		
198	104.6	78.2	117.2	
200	35.2	24.6	36.8	

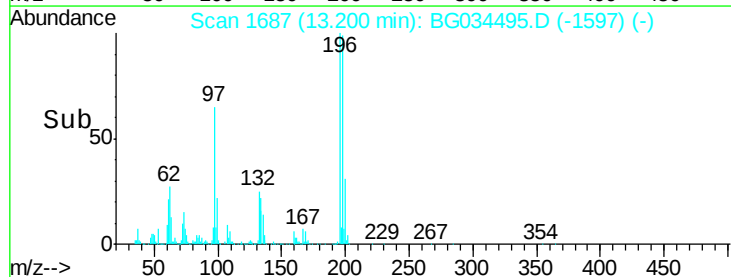
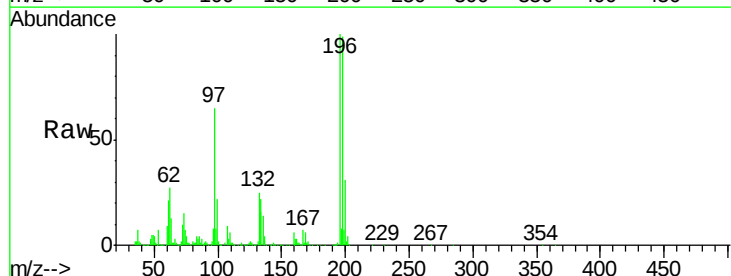
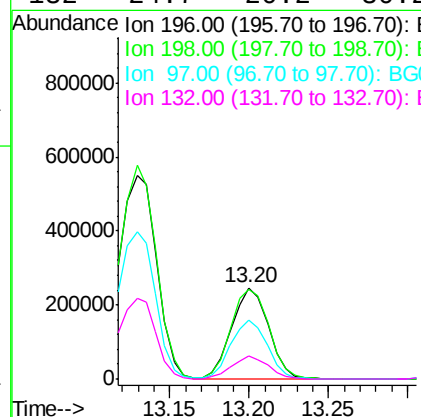
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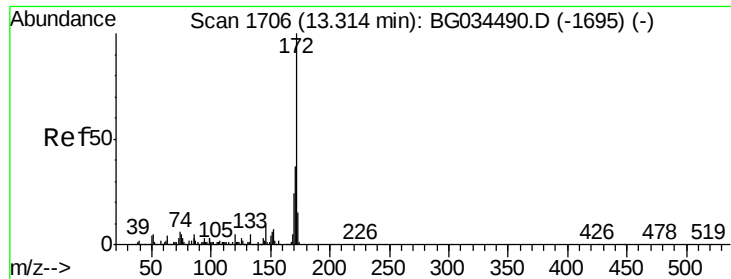
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#43
2,4,5-Trichlorophenol
Concen: 93.101 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	395274		
198	98.8	76.2	114.4	
97	64.5	38.7	58.1	
132	24.7	20.2	30.2	





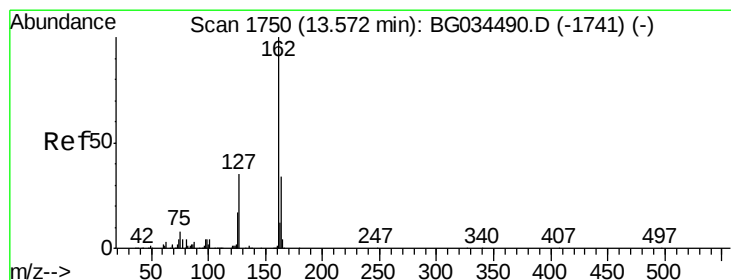
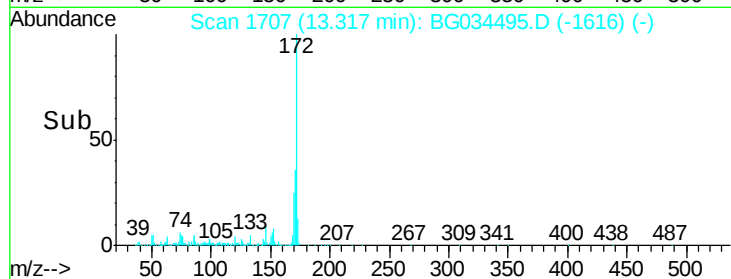
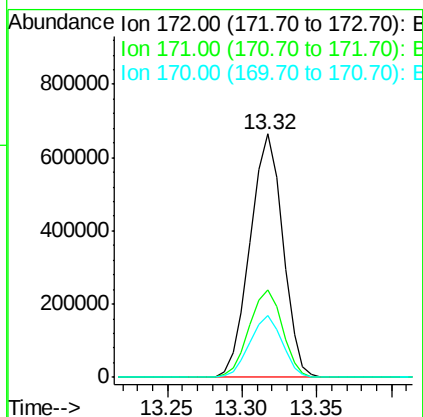
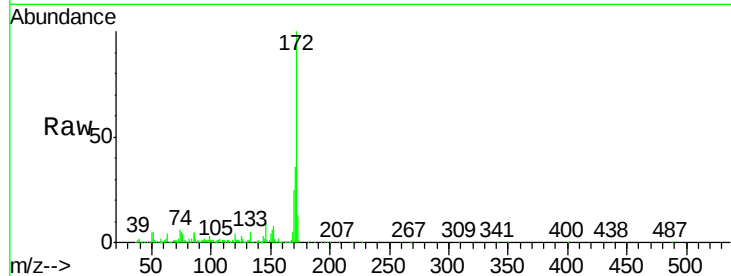
#44
2-Fluorobiphenyl
Concen: 82.713 ng
RT: 13.32 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	25.3	19.5	29.3

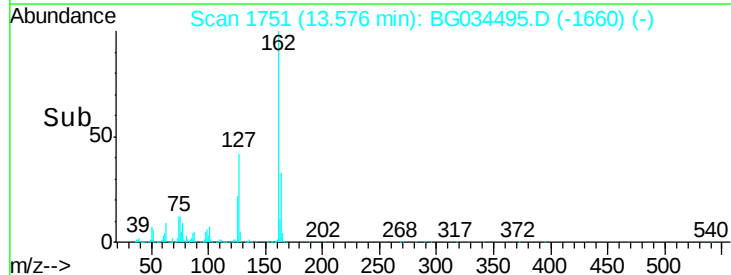
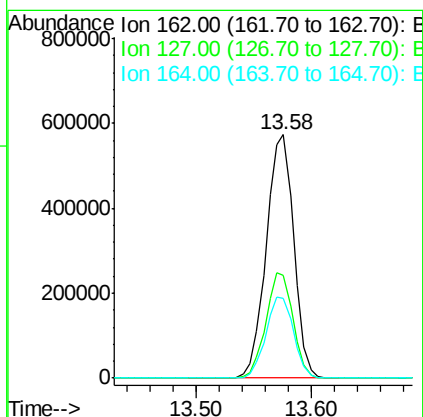
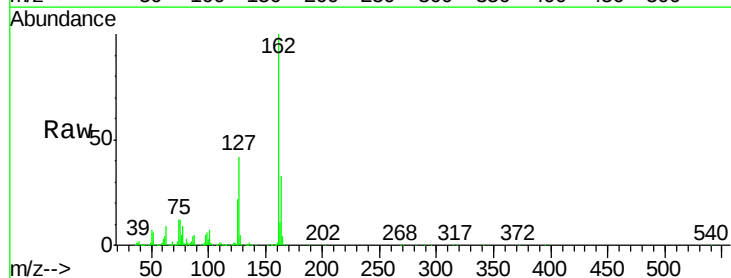
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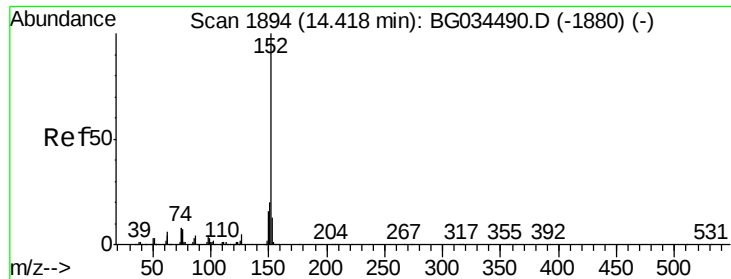
Sohil
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#46
2-Chloronaphthalene
Concen: 92.718 ng
RT: 13.58 min Scan# 1751
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	30.7	46.1
164	32.5	26.0	39.0





#48

Acenaphthylene

Concen: 130.095 ng

RT: 14.42 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

Tot Ion:152 Resp: 2042710

Ion Ratio Lower Upper

152 100

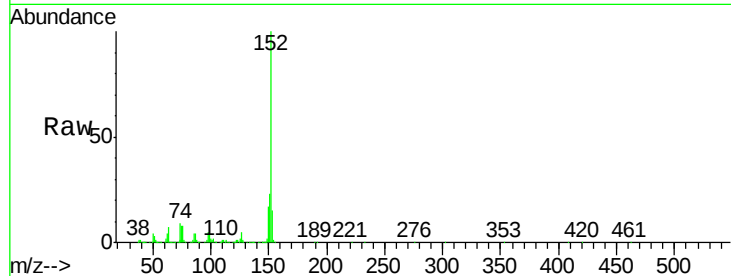
151 23.5 17.2 25.8

153 14.9 10.2 15.4

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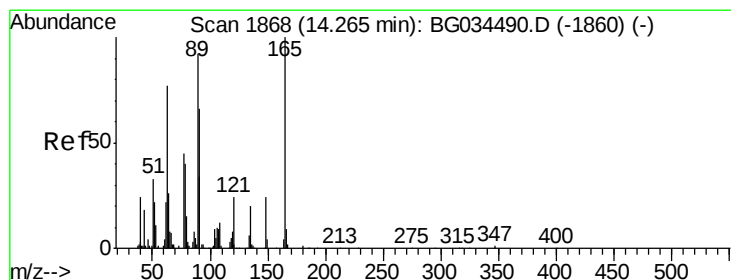
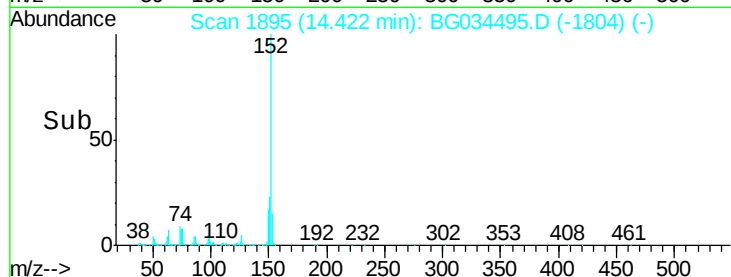
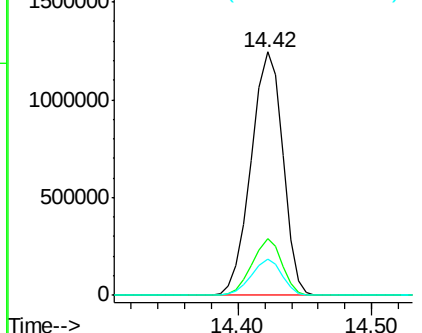
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 271.225 ng

RT: 14.28 min Scan# 1871

Delta R.T. 0.02 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

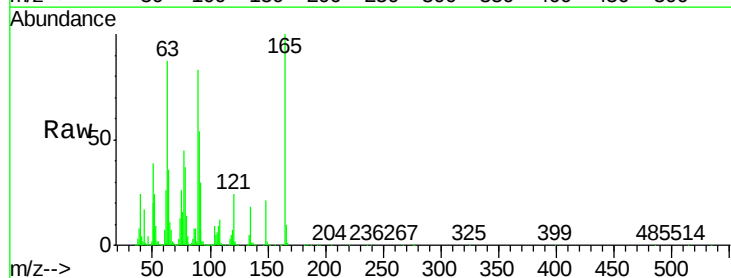
Tgt Ion:165 Resp: 794537

Ion Ratio Lower Upper

165 100

63 86.7 52.7 79.1#

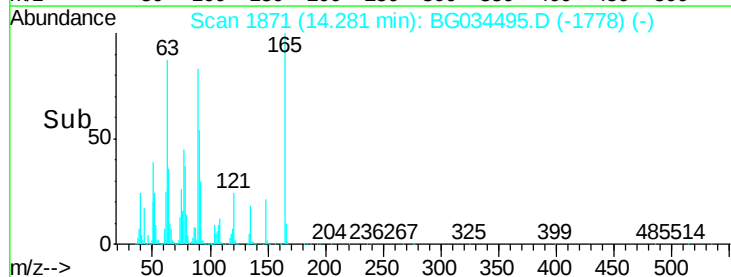
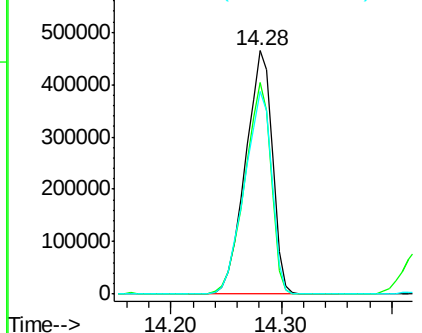
89 83.0 49.2 73.8#

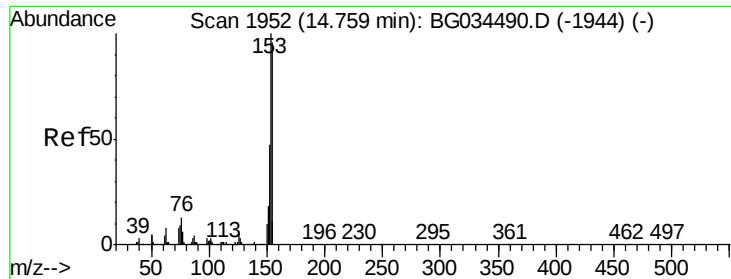


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 103.549 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

Tot Ion:154 Resp: 1054057

Ion Ratio Lower Upper

154 100

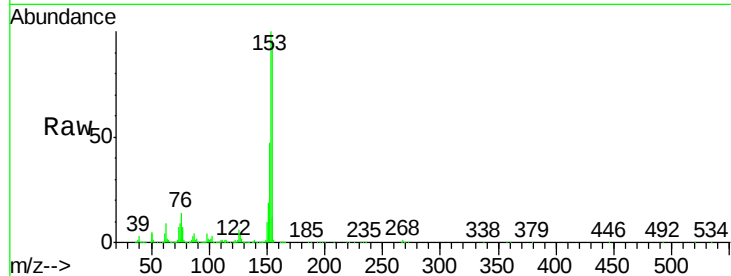
153 104.7 90.4 135.6

152 49.1 41.6 62.4

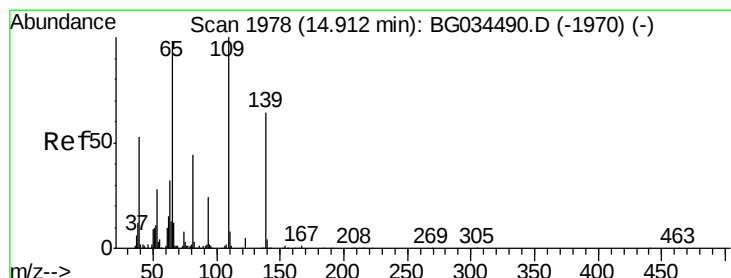
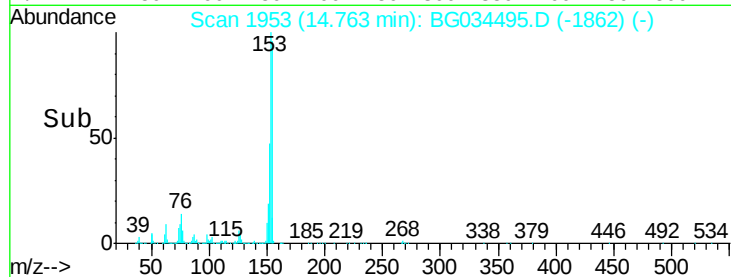
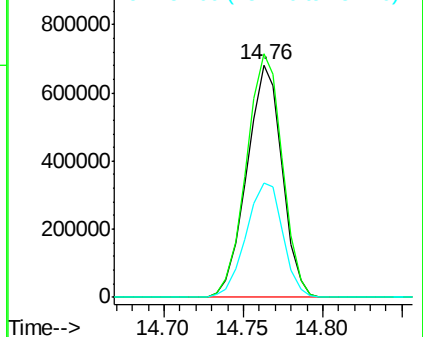
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 168.388 ng

RT: 14.93 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

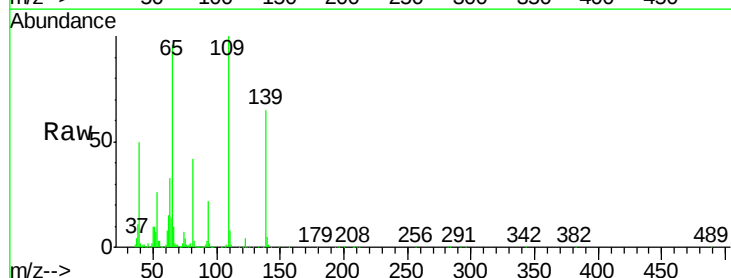
Tgt Ion:139 Resp: 400644

Ion Ratio Lower Upper

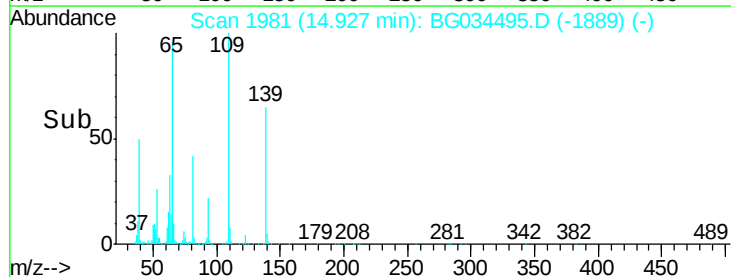
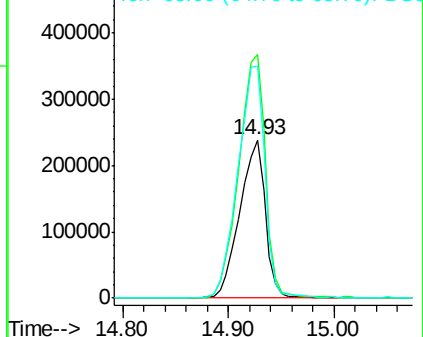
139 100

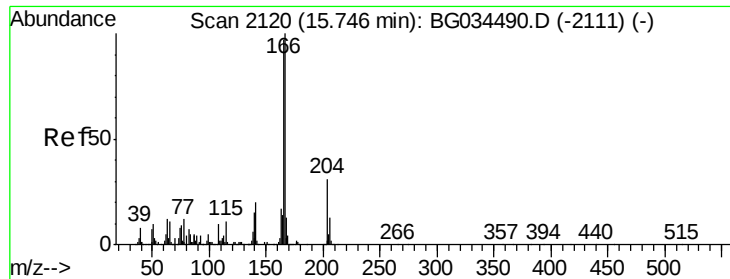
109 153.9 62.2 102.2#

65 147.0 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): BGO





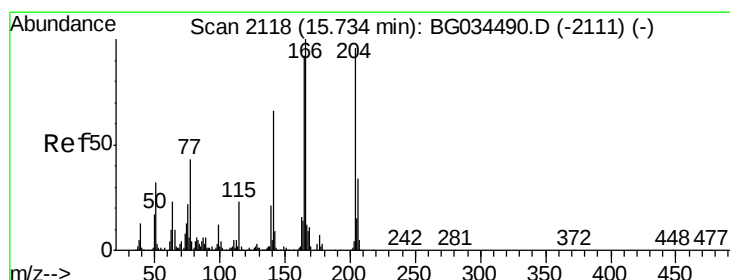
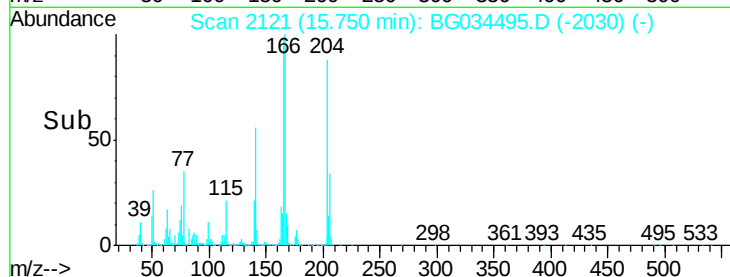
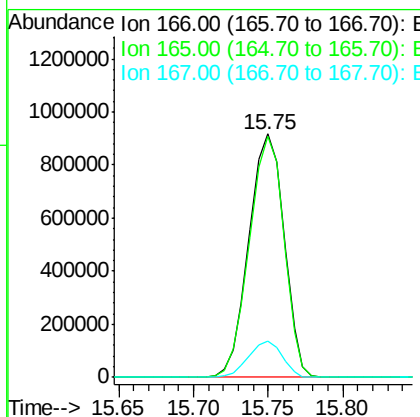
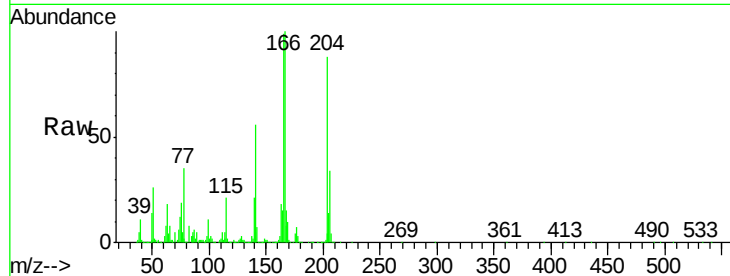
#57
Fluorene
 Concen: 114.484 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BG034495.D
 Acq: 16 May 2018 19:22

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-Soil

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.9	80.6	121.0	
167	15.0	10.4	15.6	

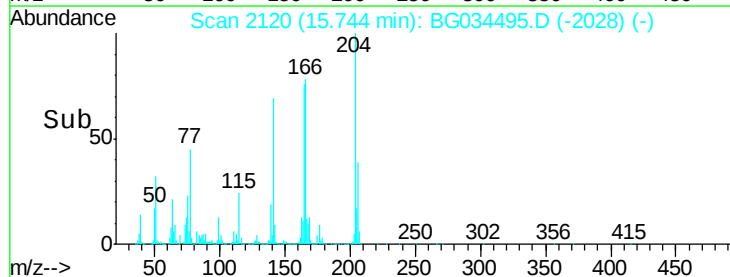
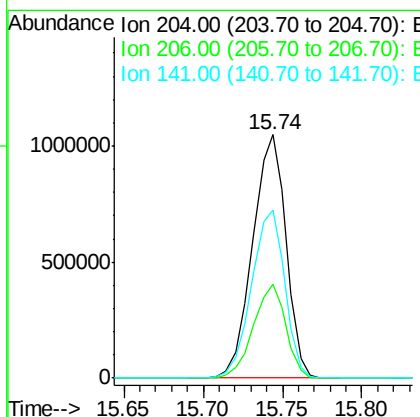
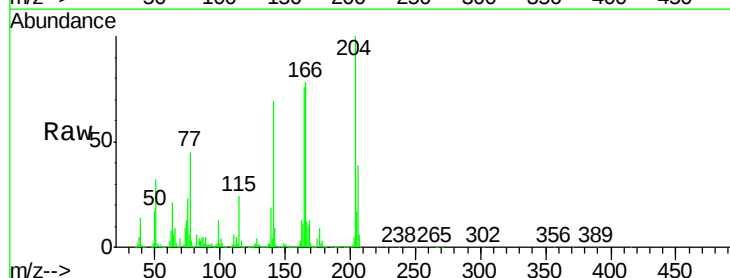
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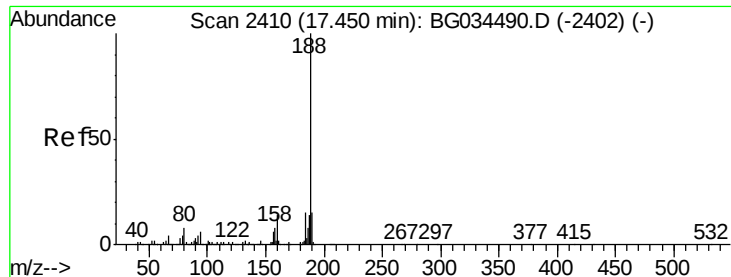
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#60
4-Chlorophenyl-phenylether
 Concen: 198.223 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BG034495.D
 Acq: 16 May 2018 19:22

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	38.8	26.2	39.2	
141	69.0	45.8	68.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

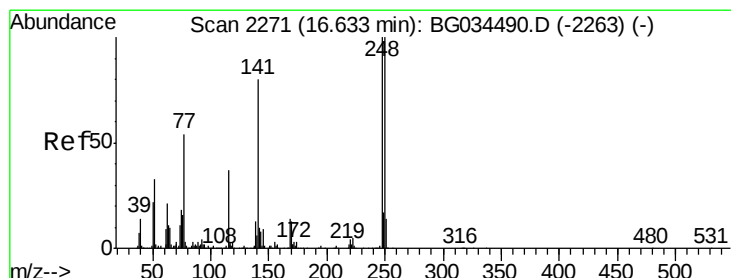
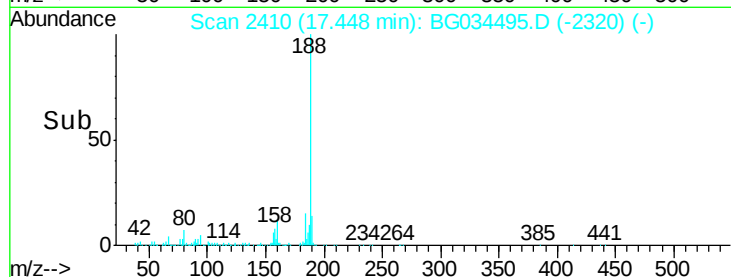
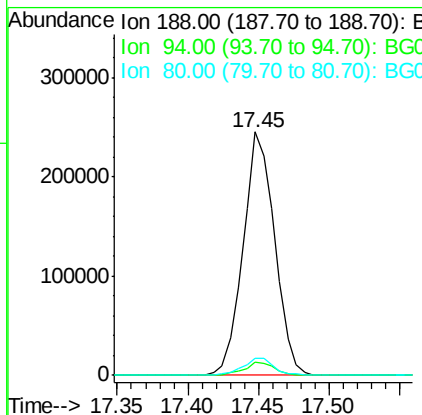
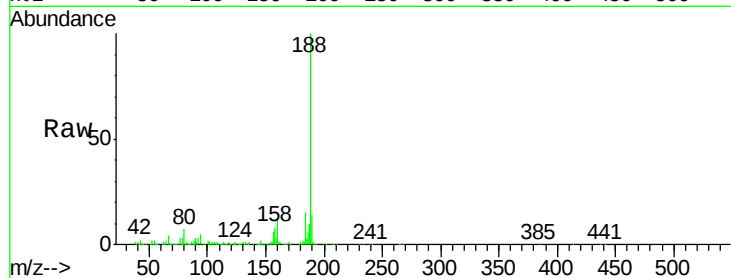
ClientSampleId :

PT-BNA-Soil

Tot Ion:	188	Resp:	383546
Ion Ratio	Lower	Upper	
188	100		
94	5.4	6.9	10.3#
80	6.8	7.7	11.5#

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 200.990 ng

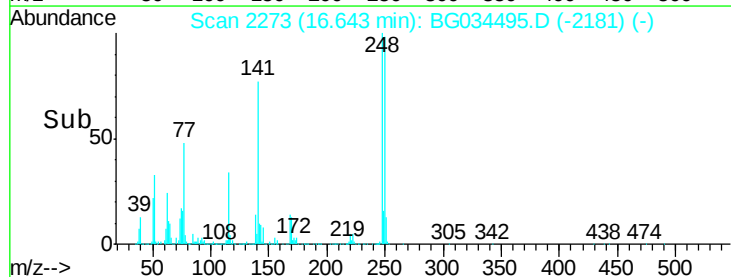
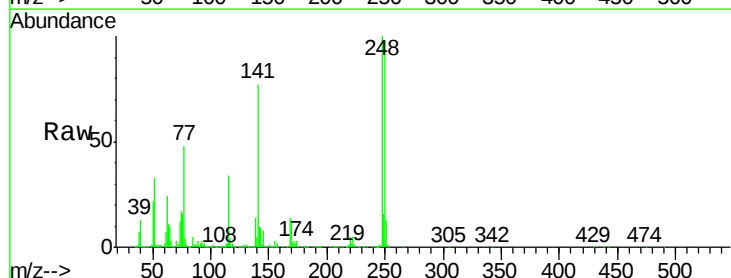
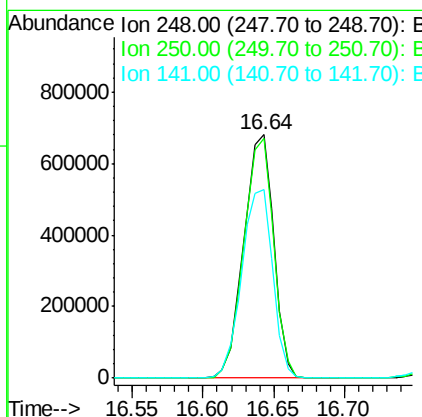
RT: 16.64 min Scan# 2273

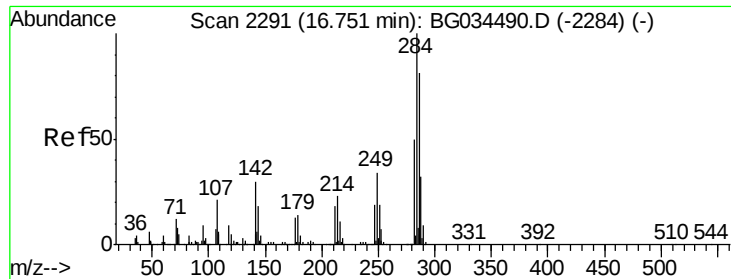
Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Tgt Ion:	248	Resp:	1014522
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.1	115.7
141	77.2	50.8	76.2#





#67

Hexachlorobenzene

Concen: 166.335 ng

RT: 16.76 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

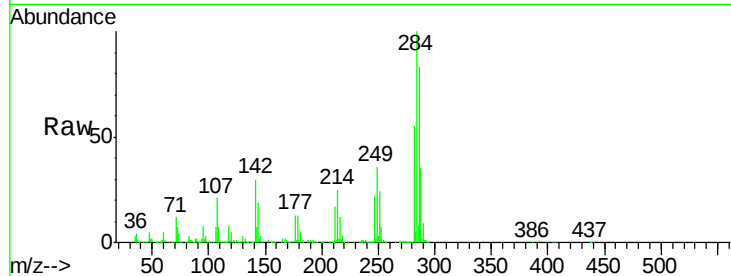
ClientSampleId :

PT-BNA-Soil

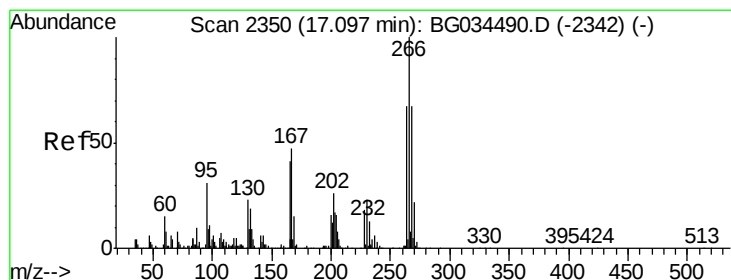
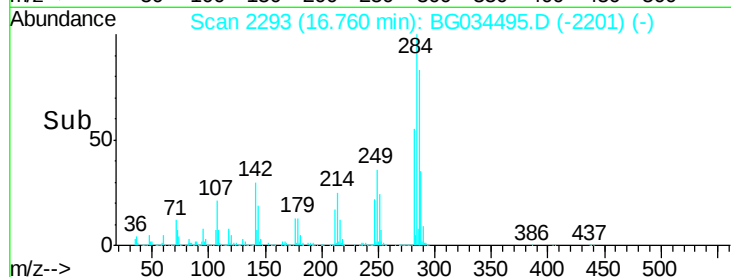
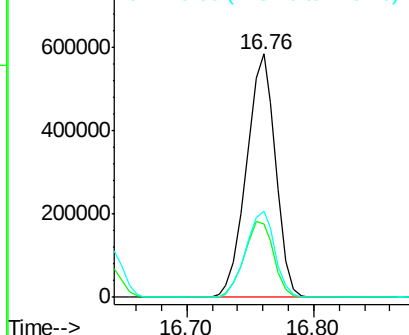
Tot Ion:	284	Resp:	927777
Ion Ratio		Lower	Upper
284	100		
142	30.3	26.8	40.2
249	35.6	26.3	39.5

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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: 275.926 ng

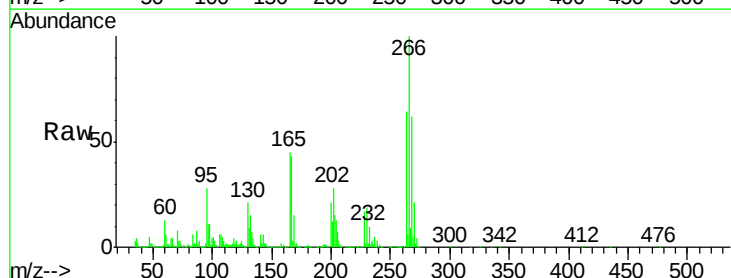
RT: 17.11 min Scan# 2352

Delta R.T. 0.01 min

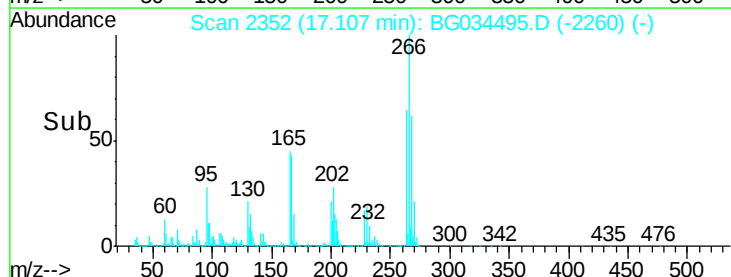
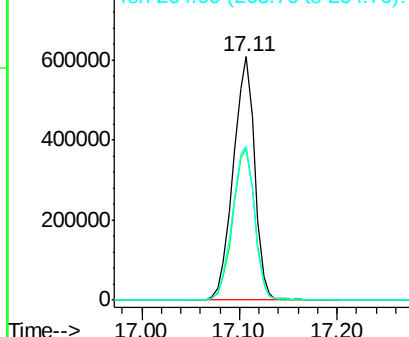
Lab File: BG034495.D

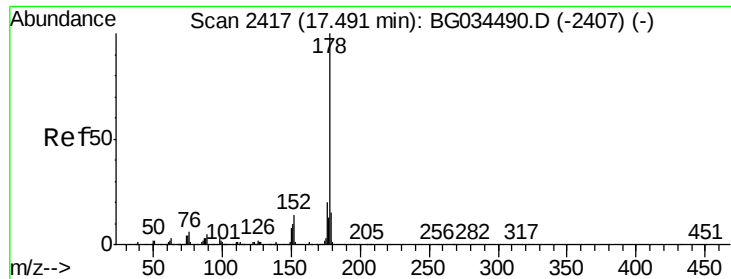
Acq: 16 May 2018 19:22

Tgt Ion:	266	Resp:	928145
Ion Ratio		Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.5	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: 120.760 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

ClientSampled :

PT-BNA-Soil

Tot Ion:178 Resp: 2522694

Ion Ratio Lower Upper

178 100

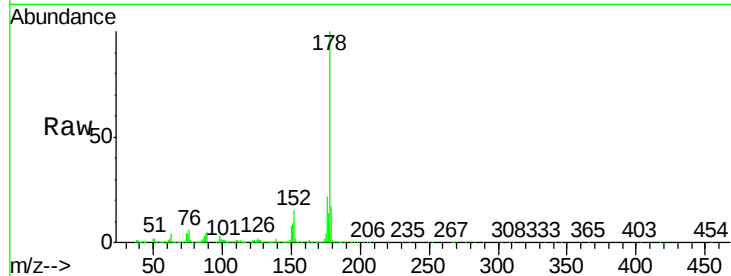
176 22.5 15.7 23.5

179 17.2 12.5 18.7

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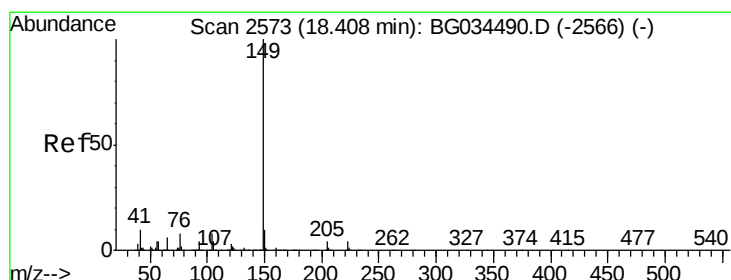
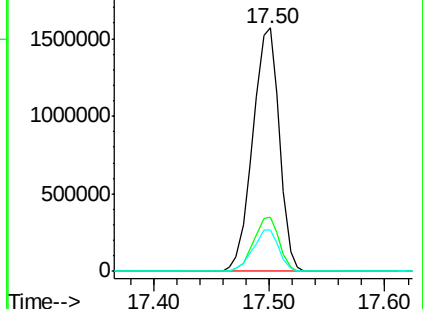
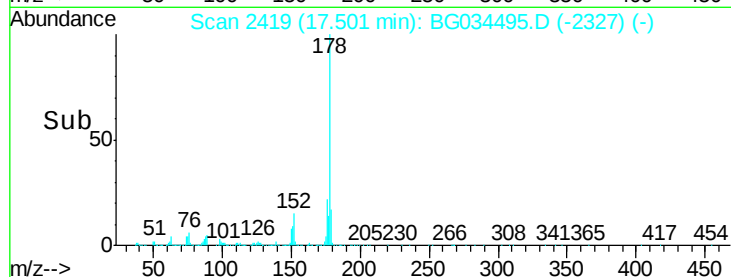
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 140.509 ng

RT: 18.42 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

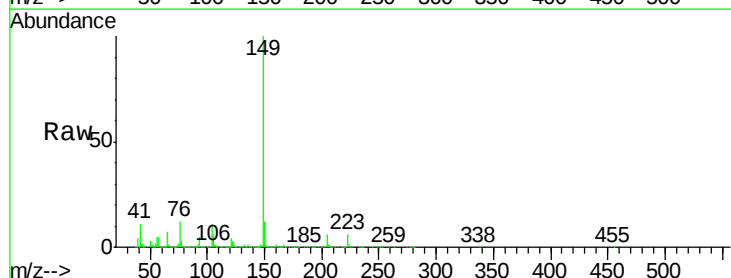
Tgt Ion:149 Resp: 3047488

Ion Ratio Lower Upper

149 100

150 12.0 7.8 11.6#

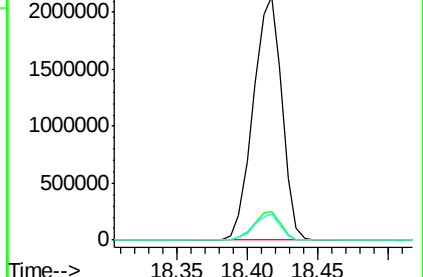
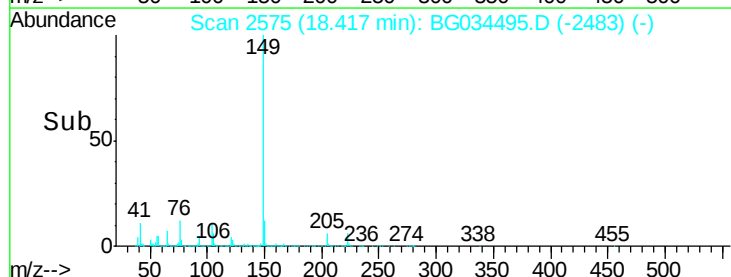
104 10.8 3.9 5.9#

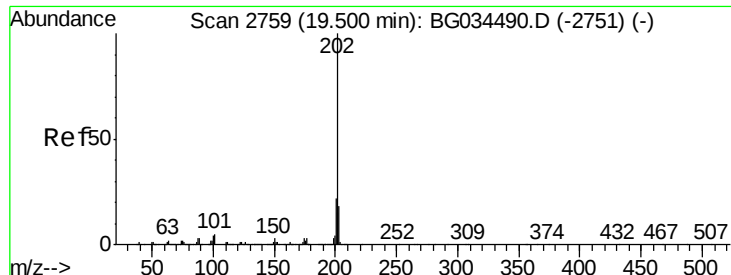


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 90.396 ng

RT: 19.51 min Scan# 2761

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

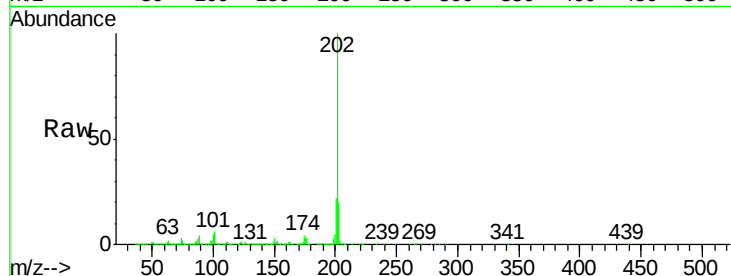
ClientSampled :

PT-BNA-Soil

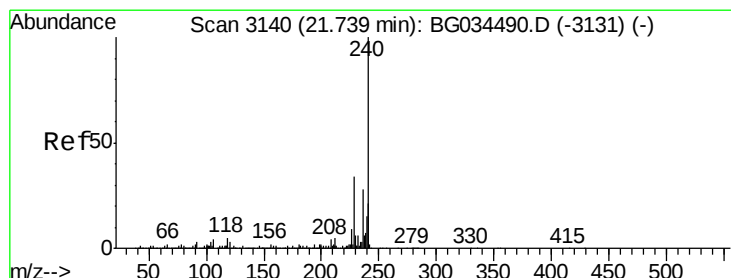
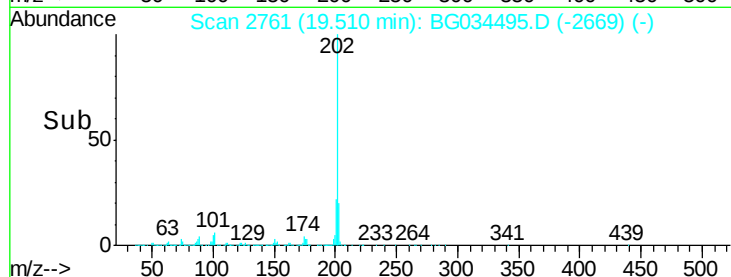
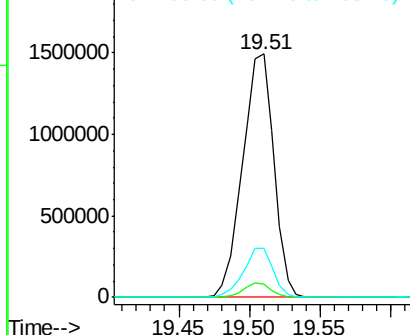
Tot Ion:	202	Resp:	2320828
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	28.9
203	20.4	0.0	37.5

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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

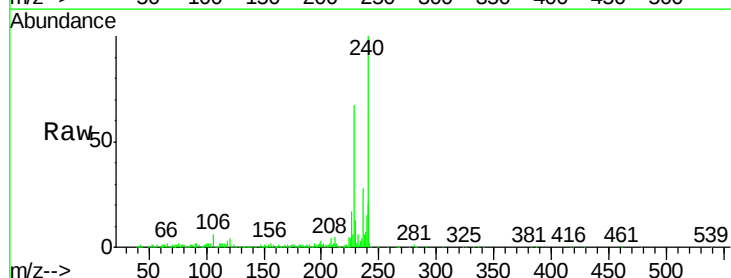
RT: 21.74 min Scan# 3141

Delta R.T. 0.01 min

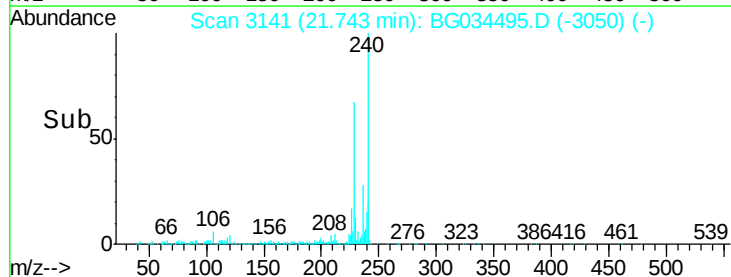
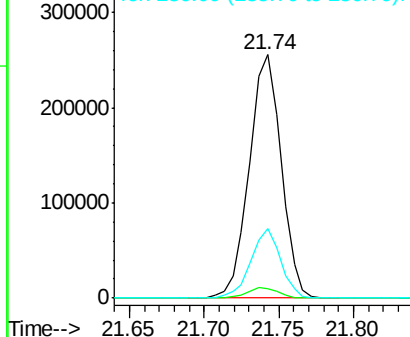
Lab File: BG034495.D

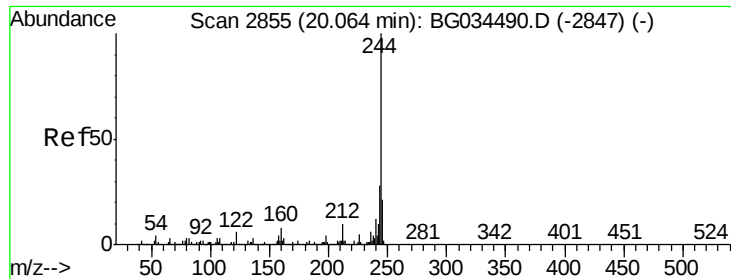
Acq: 16 May 2018 19:22

Tgt Ion:	240	Resp:	377136
Ion Ratio	Lower	Upper	
240	100		
120	3.8	6.8	10.2#
236	28.4	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.786 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

Tot Ion:244 Resp: 1698886

Ion Ratio Lower Upper

244 100

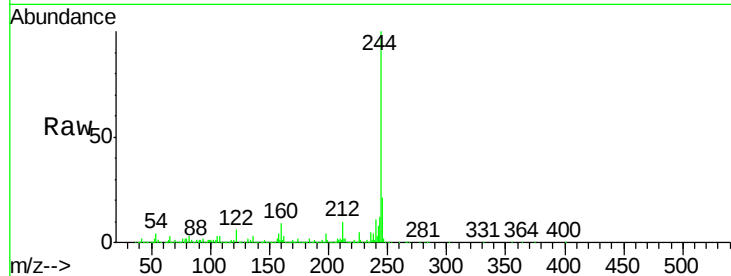
212 9.7 5.8 8.8#

122 6.3 7.0 10.4#

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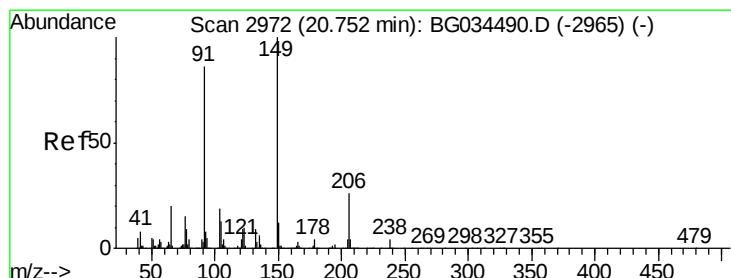
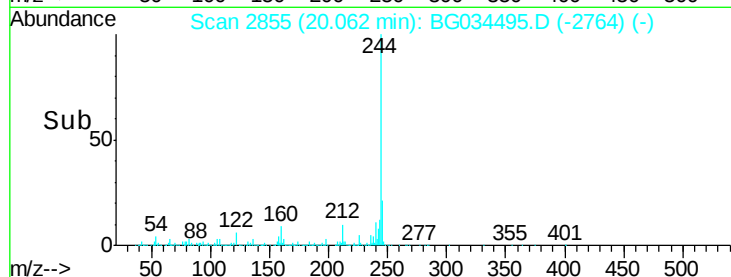
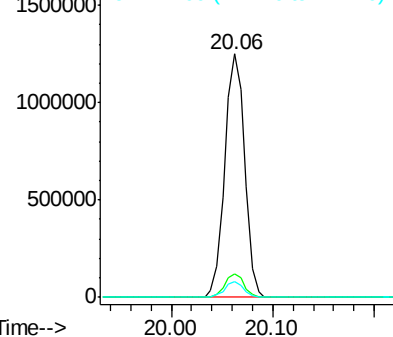
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 113.881 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG034495.D

Acq: 16 May 2018 19:22

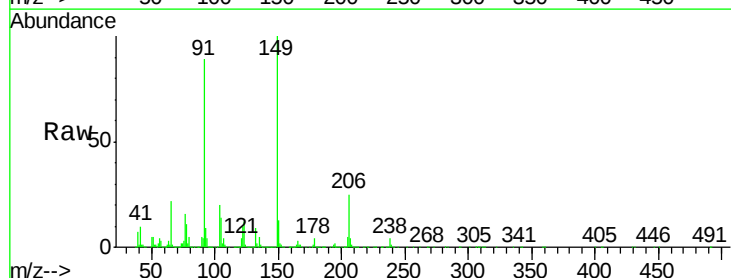
Tgt Ion:149 Resp: 1036552

Ion Ratio Lower Upper

149 100

91 89.3 62.2 93.2

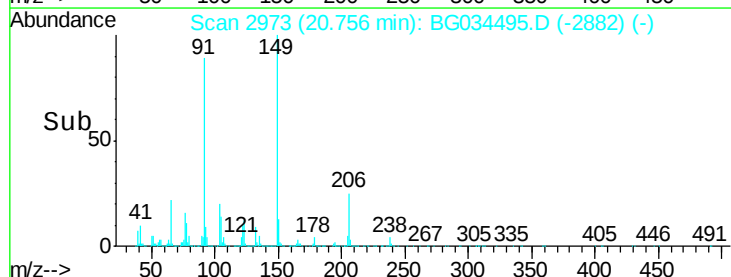
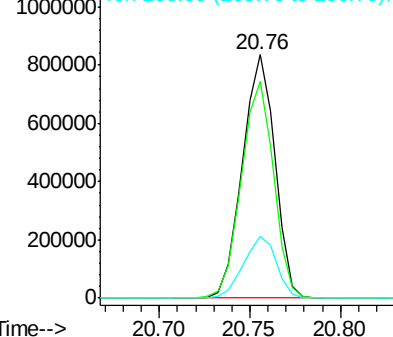
206 25.2 18.6 27.8

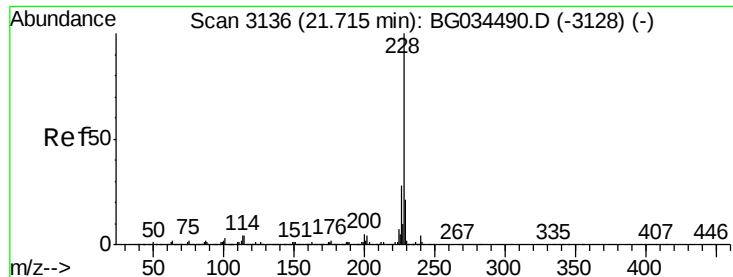


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





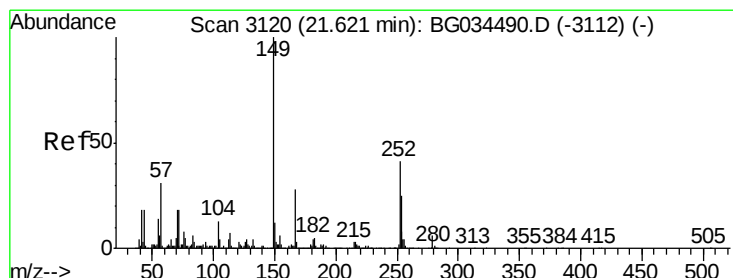
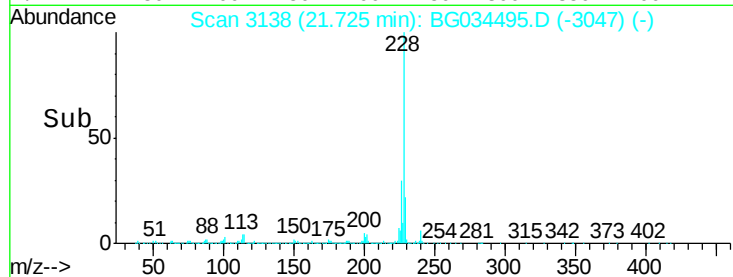
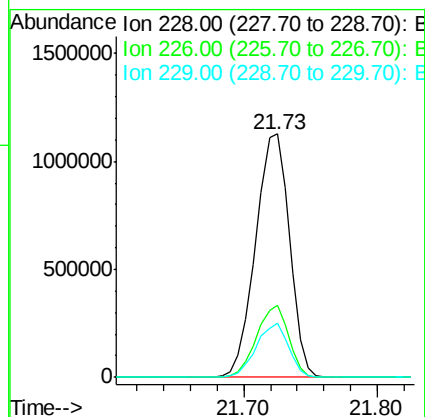
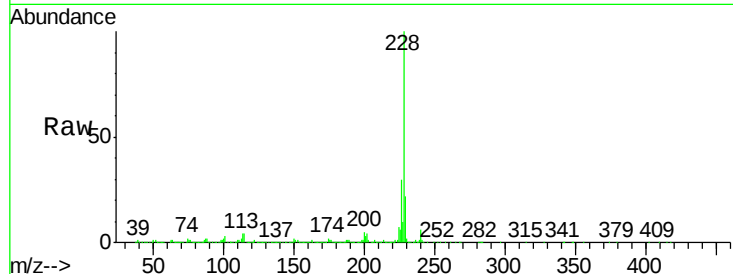
#80
Benzo(a)anthracene
Concen: 80.752 ng
RT: 21.73 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	22.3	16.2	24.2

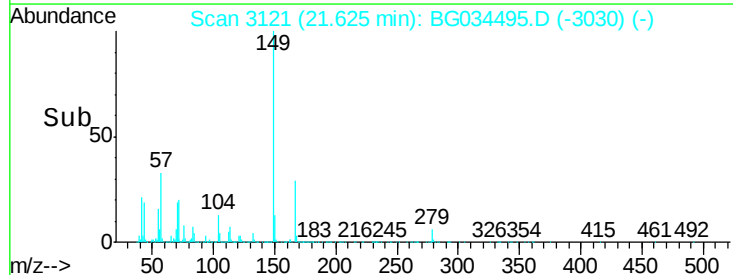
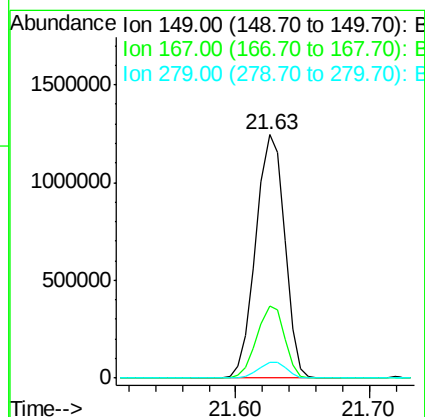
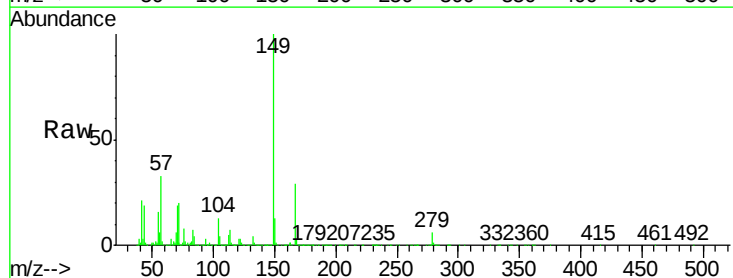
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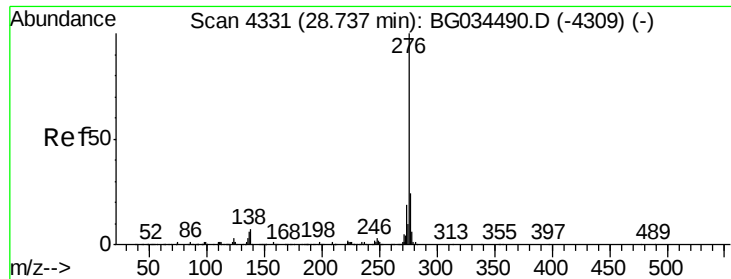
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#83
Bis(2-ethylhexyl)phthalate
Concen: 150.159 ng
RT: 21.63 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.3	36.5
279	6.4	4.0	6.0





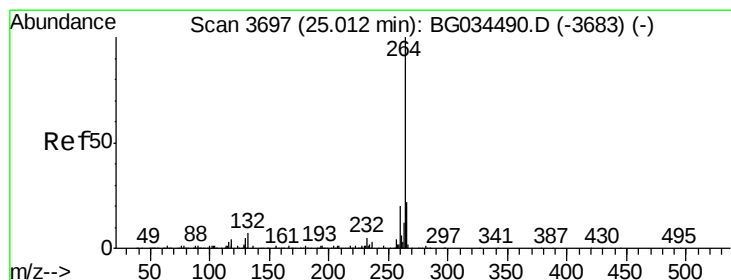
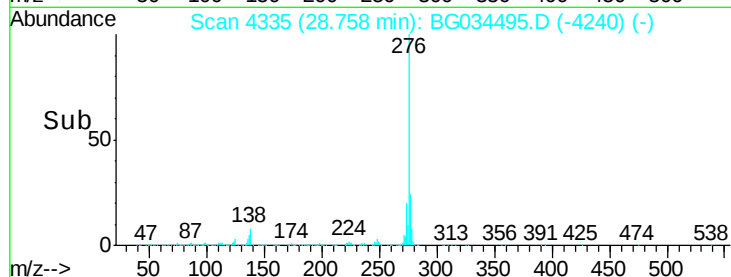
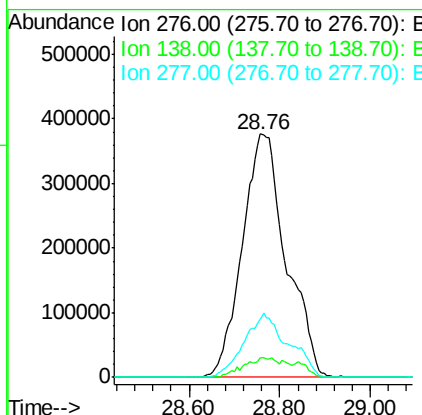
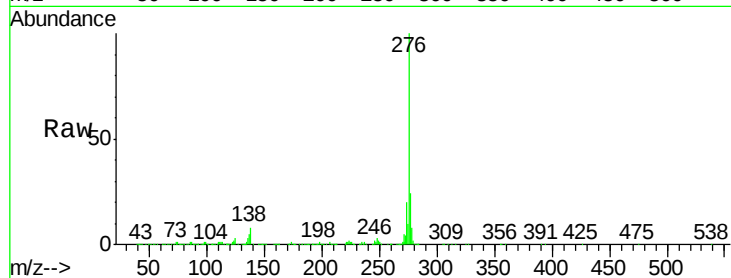
#85
Indeno(1,2,3-cd)pyrene
Concen: 88.007 ng
RT: 28.76 min Scan# 4335
Delta R.T. 0.03 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampled :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.4	20.0	30.0

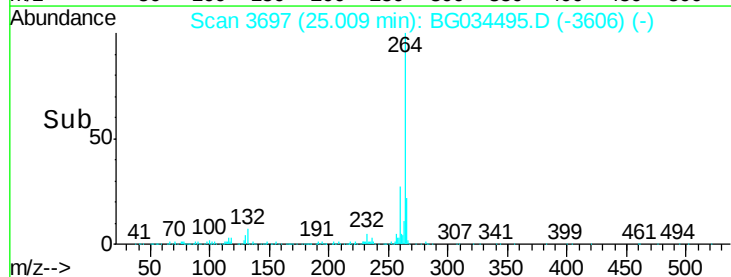
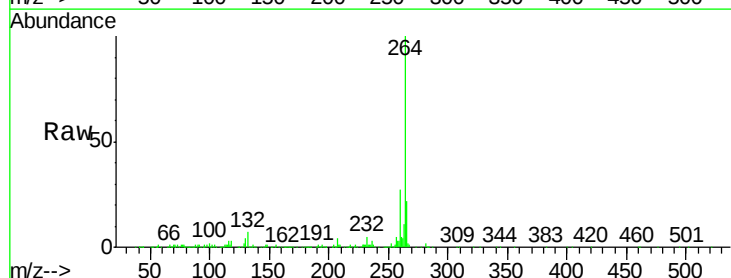
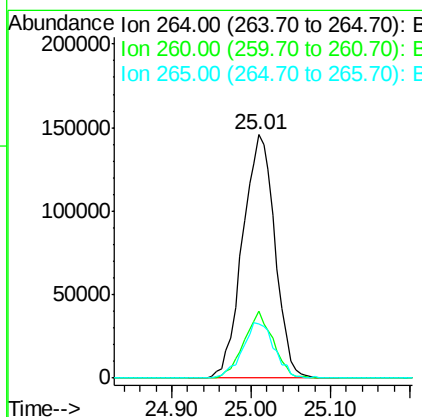
Manual Integrations
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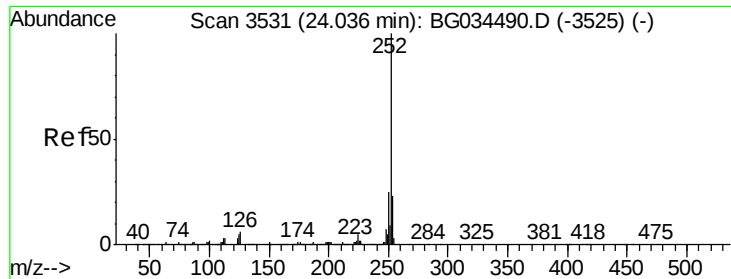
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	17.4	26.0#
265	22.4	17.7	26.5





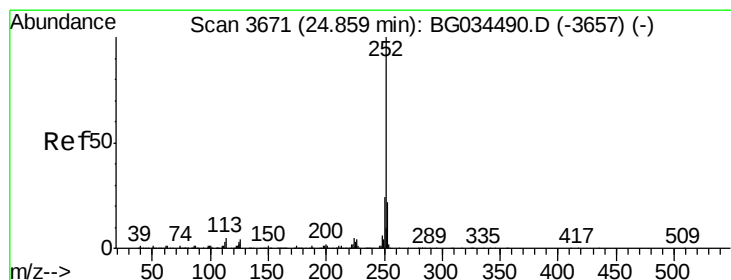
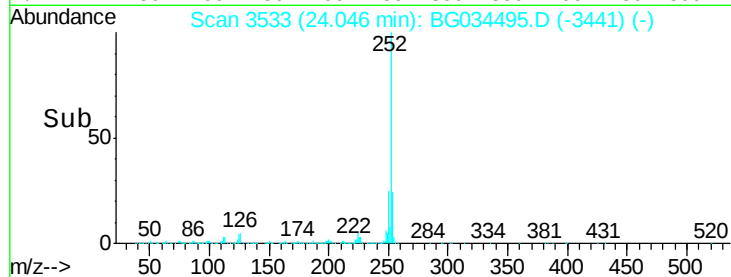
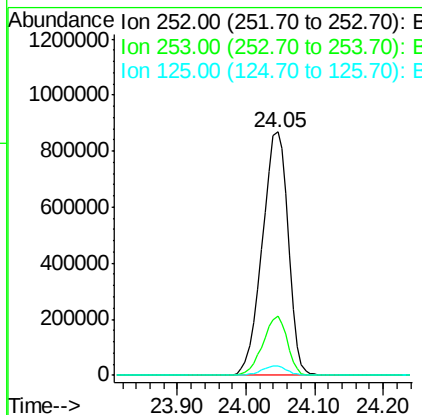
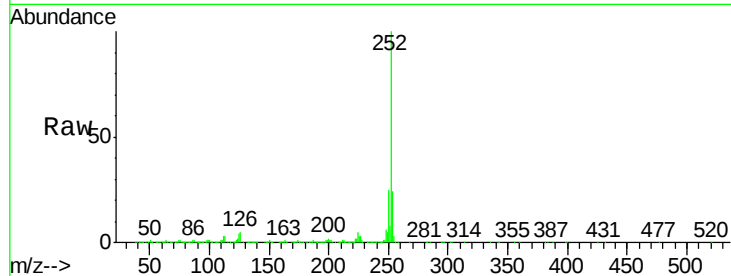
#88
Benzo(k)fluoranthene
Concen: 92.090 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.01 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	3.8	6.6	9.8

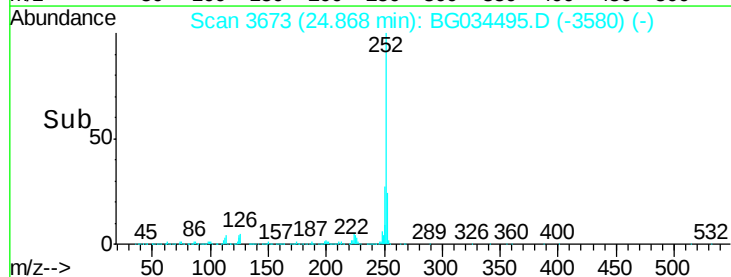
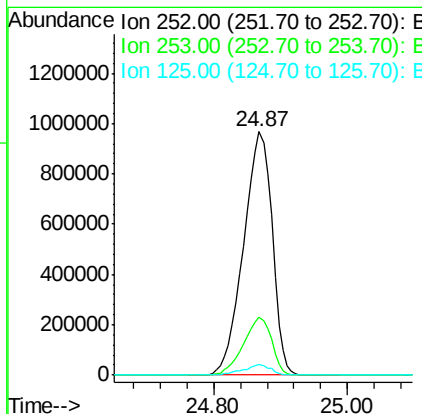
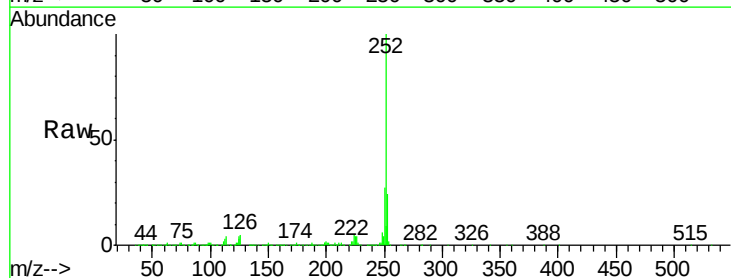
Manual Integrations
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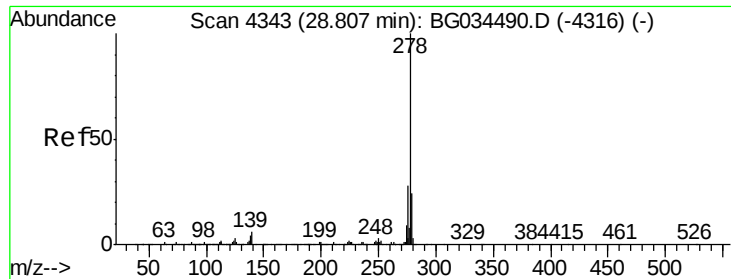
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#89
Benzo(a)pyrene
Concen: 115.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. 0.02 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	4.5	7.3	10.9





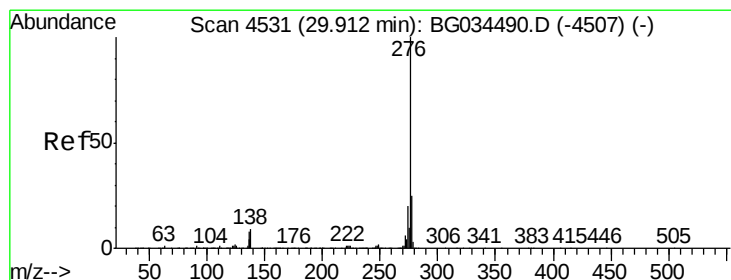
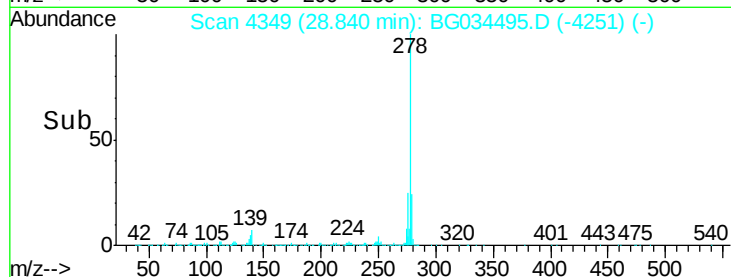
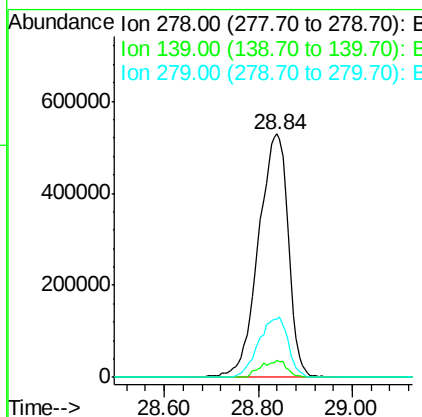
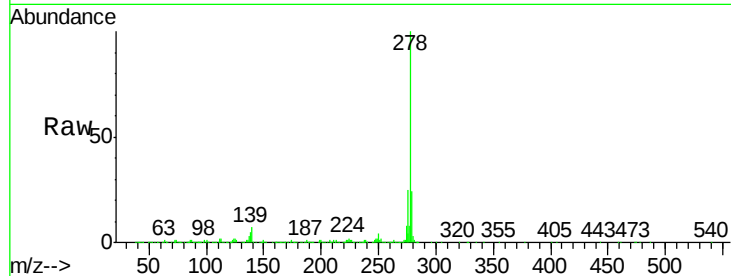
#90
Dibenzo(a,h)anthracene
Concen: 94.839 ng
RT: 28.84 min Scan# 4349
Delta R.T. 0.05 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	6.9	9.8	14.6	
279	23.7	18.4	27.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 99.414 ng
RT: 29.95 min Scan# 4538
Delta R.T. 0.06 min
Lab File: BG034495.D
Acq: 16 May 2018 19:22

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.9	18.3	27.5	
138	6.1	13.9	20.9	

