

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016870.D
 Acq On : 5 May 2015 17:56
 Operator : TP/IZ
 Sample : G2078-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
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Quant Time: May 06 03:23:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69065	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	298332	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	200206	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	439286	20.00	ng	0.00
75) Chrysene-d12	21.37	240	447786	20.00	ng	0.00
86) Perylene-d12	23.67	264	423701	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	510975	128.82	ng	0.00
7) Phenol-d6	6.98	99	728403	128.54	ng	0.00
23) Nitrobenzene-d5	8.96	82	466351	76.37	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	258316	128.52	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	1030271	77.65	ng	0.00
78) Terphenyl-d14	19.82	244	1480486	77.51	ng	0.00

Target Compounds						Qvalue
8) 2-Chlorophenol	7.38	128	919393	200.08	ng	99
10) Phenol	7.01	94	1047730	172.42	ng	98
12) 1,3-Dichlorobenzene	7.70	146	834926	164.78	ng	98
13) 1,4-Dichlorobenzene	7.85	146	400893	78.11	ng	98
18) Hexachloroethane	8.89	117	138255	65.53	ng	99
20) 3+4-Methylphenols	8.57	107	218802	37.11	ng	84
25) Isophorone	9.54	82	2538545	205.87	ng	94
26) 2-Nitrophenol	9.72	139	295145	117.54	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	968890	212.83	ng	96
31) Naphthalene	10.65	128	2224796	149.93	ng	95
36) 4-Chloro-3-methylphenol	11.88	107	935868	170.25	ng	98
37) 2-Methylnaphthalene	12.26	142	867078	76.72	ng	98
42) 2,4,6-Trichlorophenol	12.87	196	364432	95.02	ng	92
43) 2,4,5-Trichlorophenol	12.94	196	607343	149.19	ng	99
48) Acenaphthylene	14.17	152	1578283	79.82	ng	97
51) Acenaphthene	14.51	154	2029245	172.45	ng	95
57) Fluorene	15.50	166	1087729	73.53	ng	98
59) Diethylphthalate	15.28	149	1956393	123.97	ng	# 91
60) 4-Chlorophenyl-phenylether	15.50	204	1365205	183.68	ng	97
66) 4-Bromophenyl-phenylether	16.39	248	711438	161.35	ng	98
69) Pentachlorophenol	16.83	266	351762	116.53	ng	96
70) Phenanthrene	17.23	178	840521	37.18	ng	99
71) Anthracene	17.33	178	2945756m	129.16	ng	
73) Di-n-butylphthalate	18.17	149	1924371	68.46	ng	96
74) Fluoranthene	19.25	202	2426127	92.50	ng	89
77) Pyrene	19.61	202	2007688	75.97	ng	94
79) Butylbenzylphthalate	20.52	149	1764338	140.46	ng	# 93
80) Benzo(a)anthracene	21.36	228	1944405m	80.94	ng	
82) Chrysene	21.41	228	926091	41.16	ng	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1544357	89.88	ng	# 91
84) Di-n-octyl phthalate	22.19	149	2403387	83.27	ng	# 100
88) Benzo(k)fluoranthene	23.04	252	3606363	158.82	ng	# 85
89) Benzo(a)pyrene	23.58	252	1092983	49.66	ng	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

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Quant Time: May 06 03:23:19 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
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

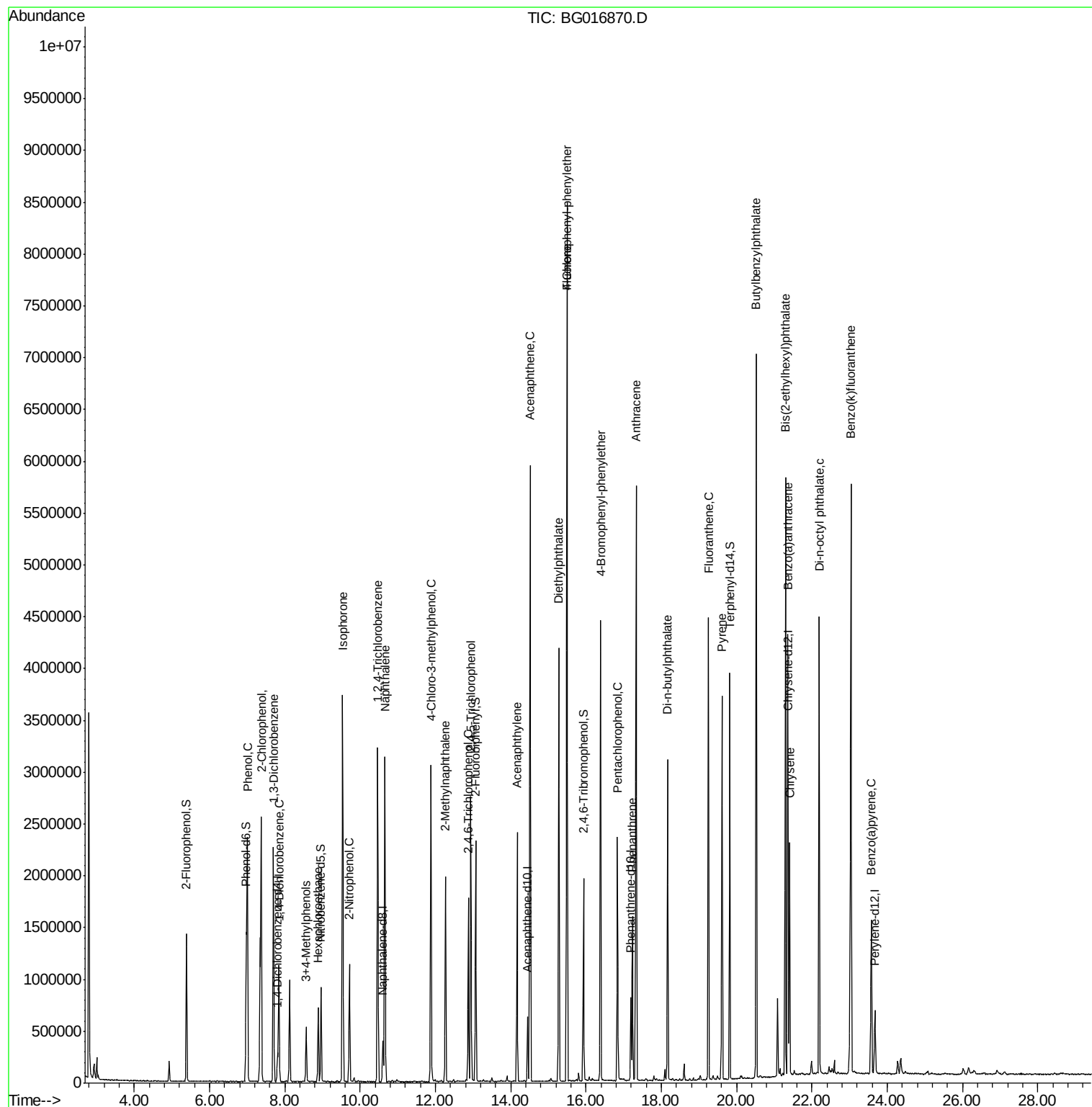
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016870.D
Acq On : 5 May 2015 17:56
Operator : TP/IZ
Sample : G2078-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

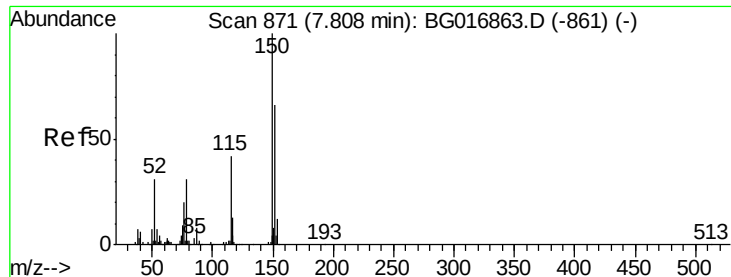
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

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Quant Time: May 06 03:23:19 2015
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#1

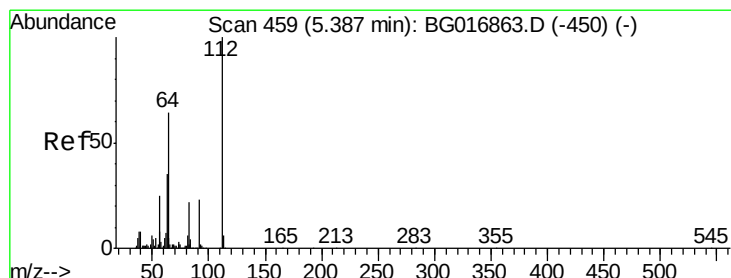
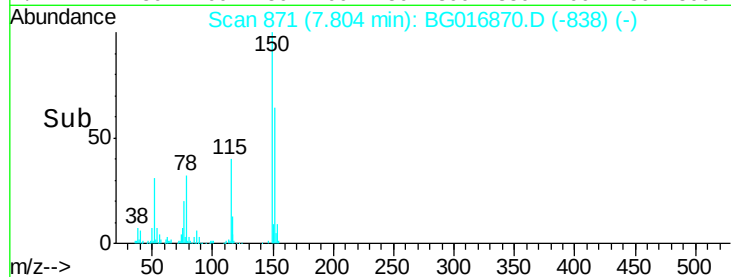
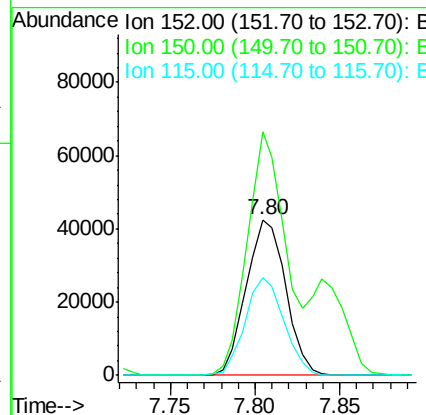
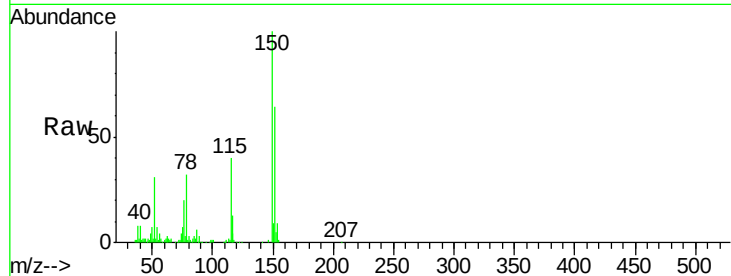
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

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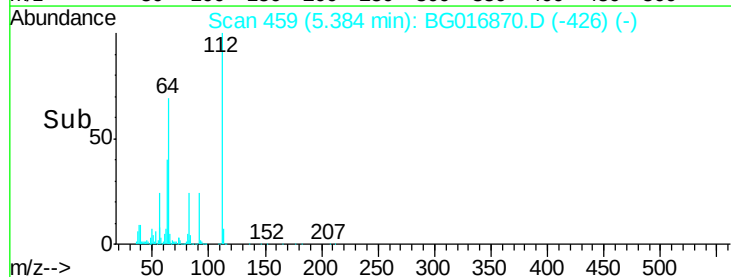
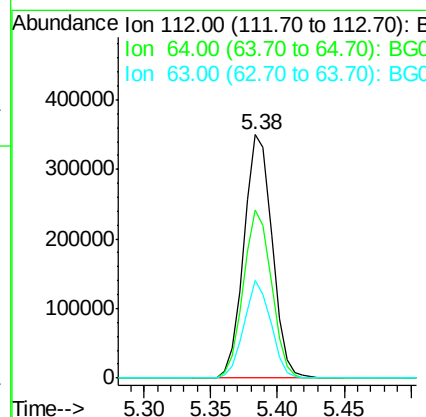
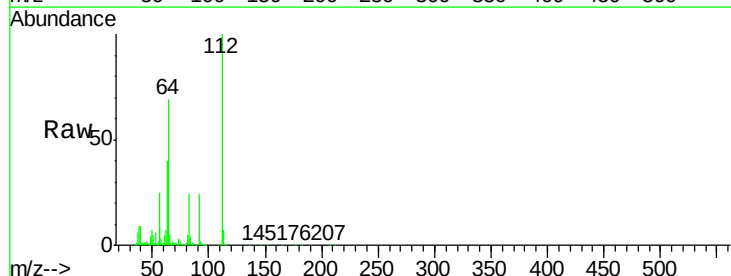
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.0	181.4
115	62.9	50.5	75.7

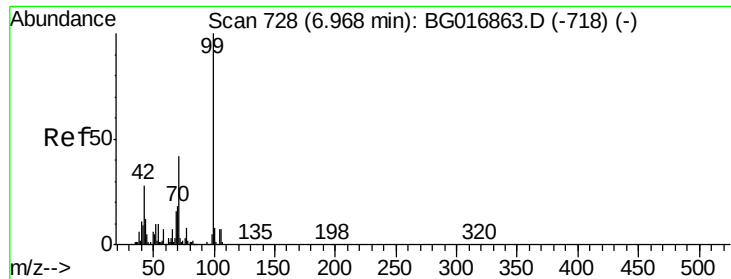


#5

2-Fluorophenol
Concen: 128.82 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	51.4	77.2
63	39.9	28.1	42.1





#7

Phenol-d6

Concen: 128.54 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

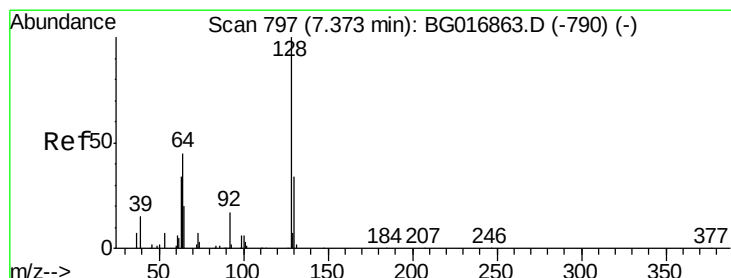
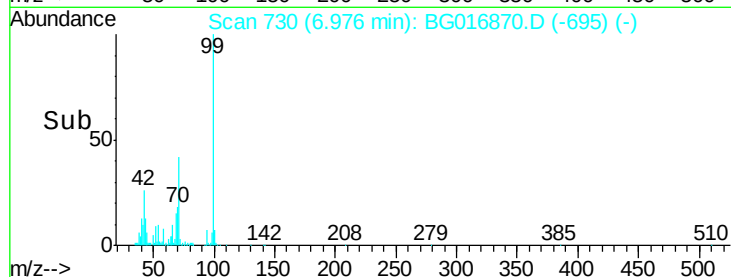
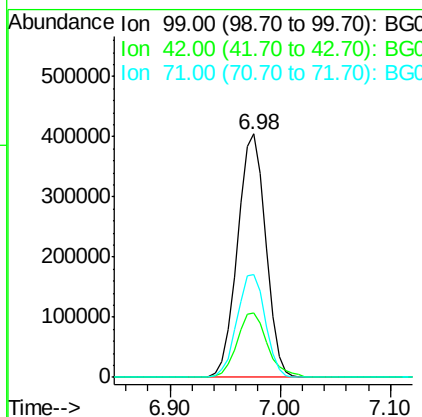
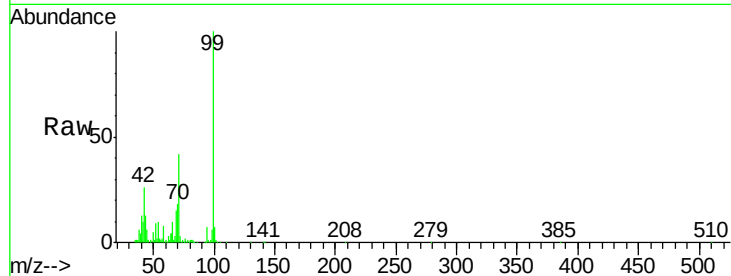
ClientSampleId :

PT-BNA-SOIL

Tot Ion:	99	Resp:	728403
Ion Ratio	Lower	Upper	
99	100		
42	26.4	22.1	33.1
71	42.2	33.4	50.0

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#8

2-Chlorophenol

Concen: 200.08 ng

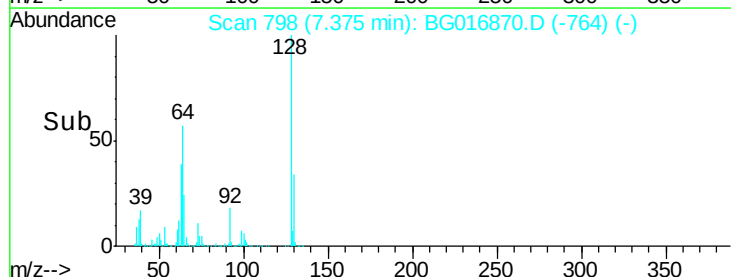
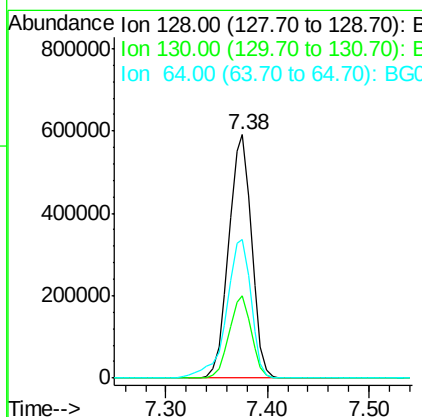
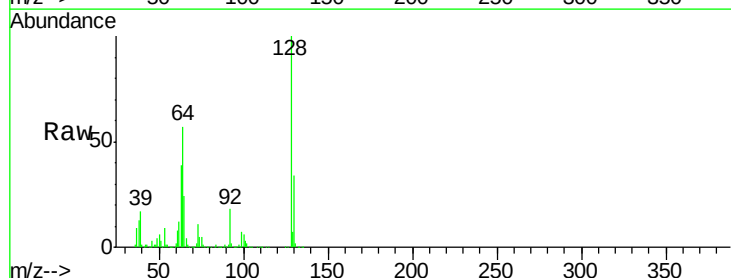
RT: 7.38 min Scan# 798

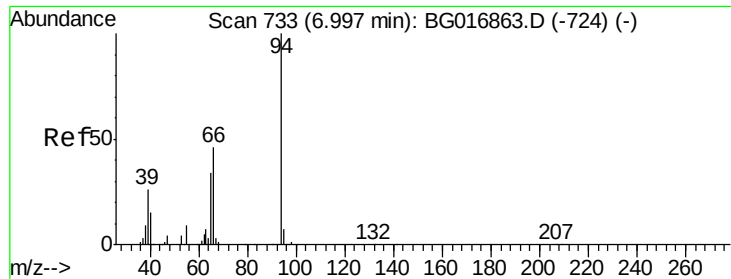
Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:	128	Resp:	919393
Ion Ratio	Lower	Upper	
128	100		
130	33.9	14.4	54.4
64	57.1	38.4	78.4





#10

Phenol

Concen: 172.42 ng

RT: 7.01 min Scan# 735

Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion: 94 Resp: 1047730

Ion Ratio Lower Upper

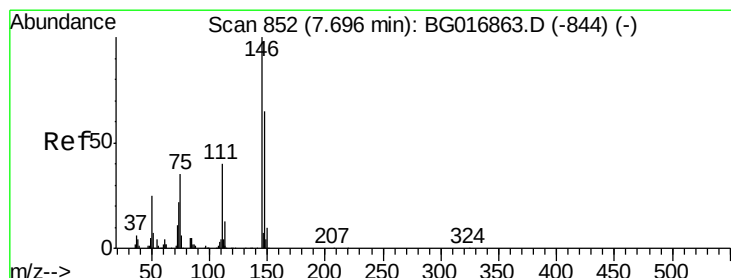
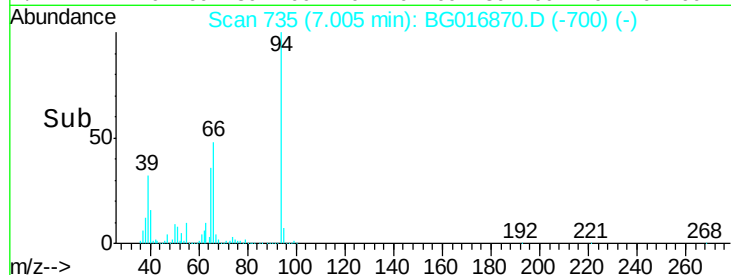
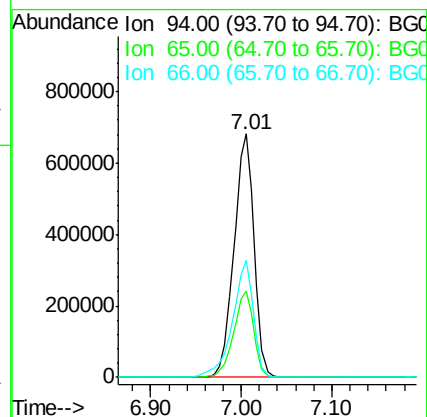
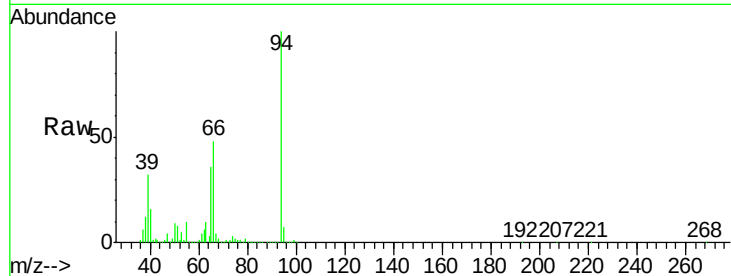
94 100

65 35.5 14.3 54.3

66 47.8 26.9 66.9

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#12

1,3-Dichlorobenzene

Concen: 164.78 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

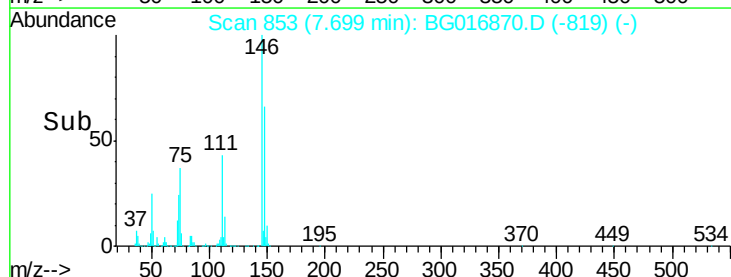
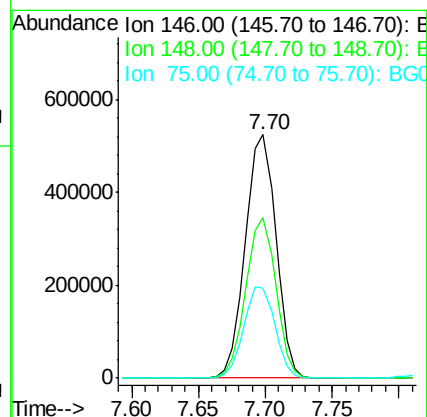
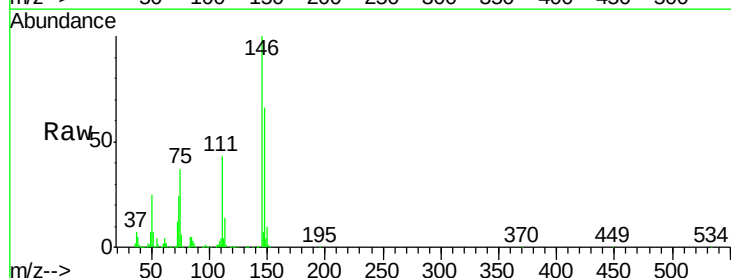
Tgt Ion: 146 Resp: 834926

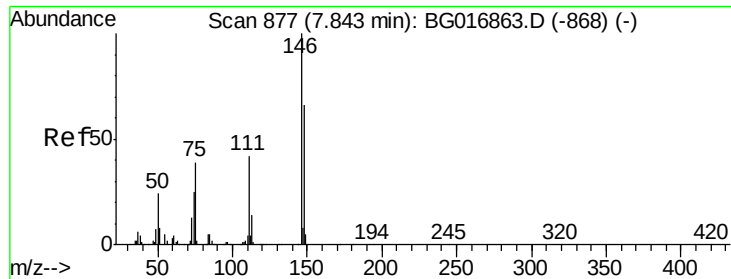
Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

75 36.9 28.2 42.2





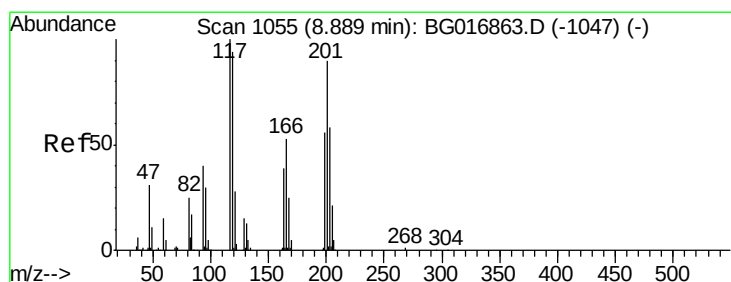
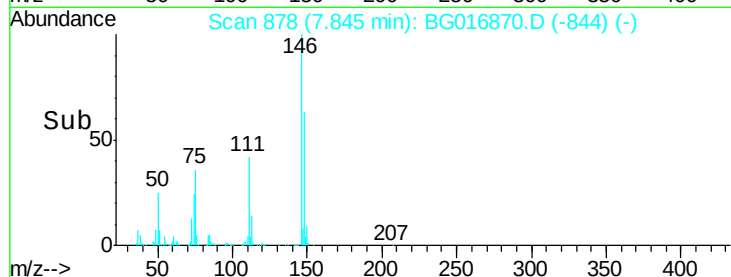
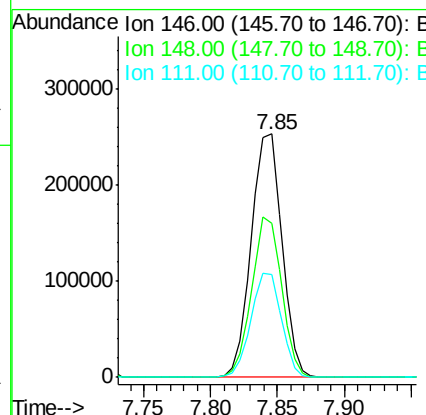
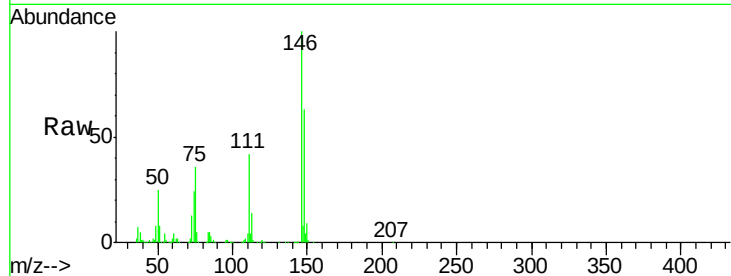
#13
 1,4-Dichlorobenzene
 Concen: 78.11 ng
 RT: 7.85 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
146	100	400893		
148	63.3	52.8	79.2	
111	42.1	33.9	50.9	

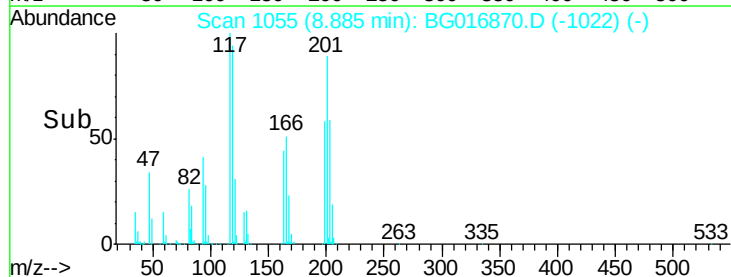
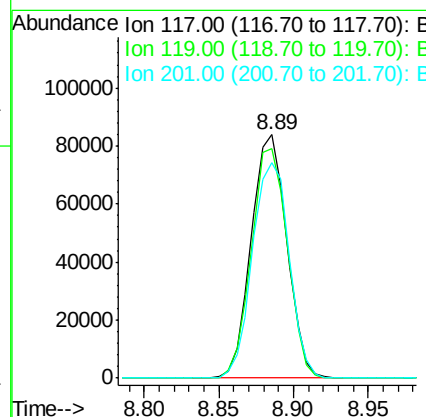
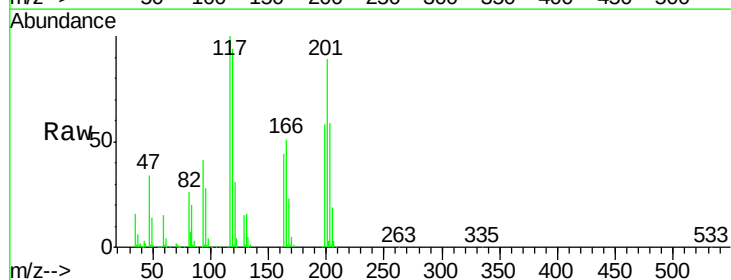
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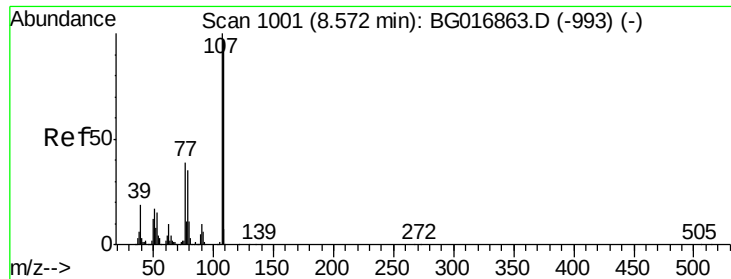
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#18
 Hexachloroethane
 Concen: 65.53 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138255		
119	94.1	74.8	112.2	
201	88.6	72.1	108.1	





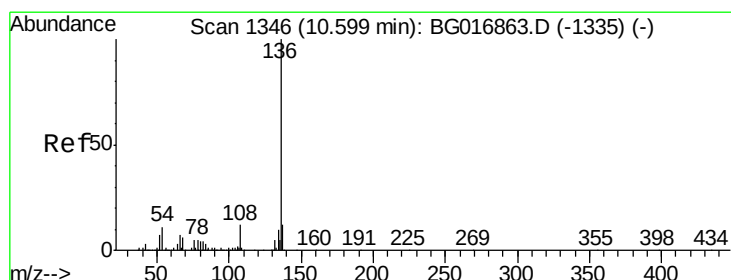
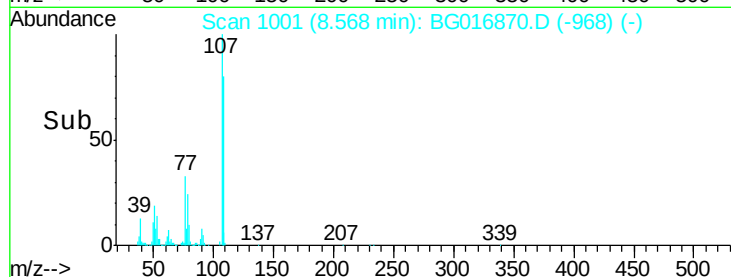
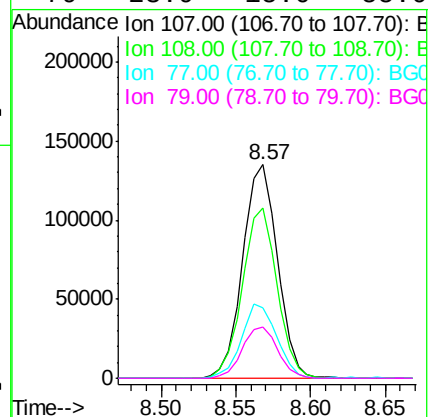
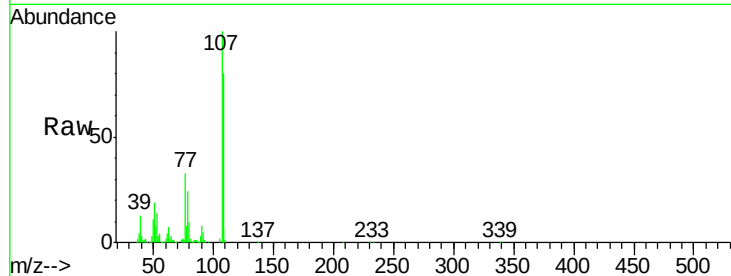
#20
3+4-Methylphenols
Concen: 37.11 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	218802		
108	108	79.7		76.6	116.6
77	77	33.3		19.0	59.0
79	79	23.9		15.0	55.0

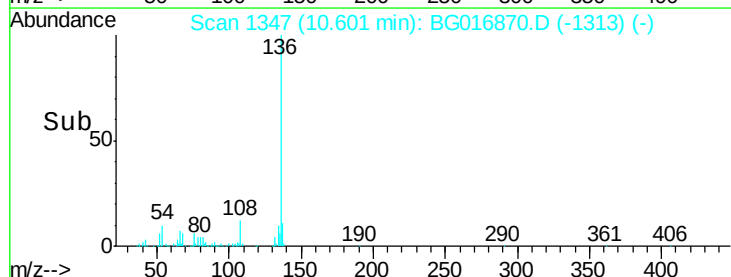
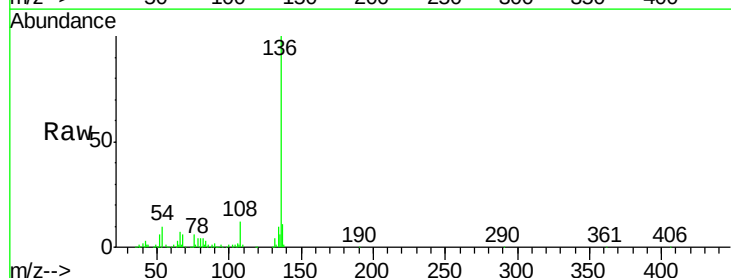
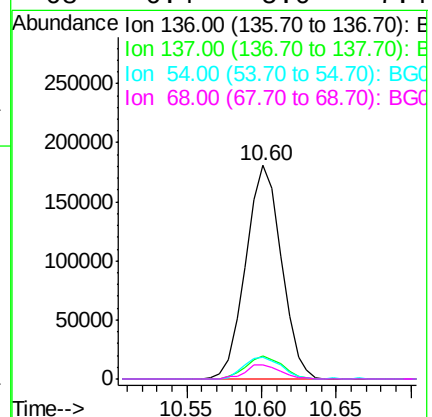
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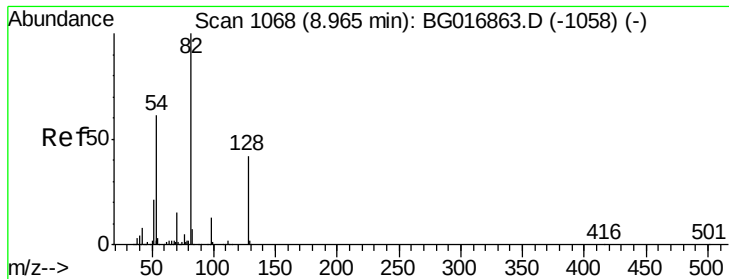
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	298332		
137	137	10.6		9.8	14.8
54	54	10.0		8.7	13.1
68	68	6.4		5.0	7.4





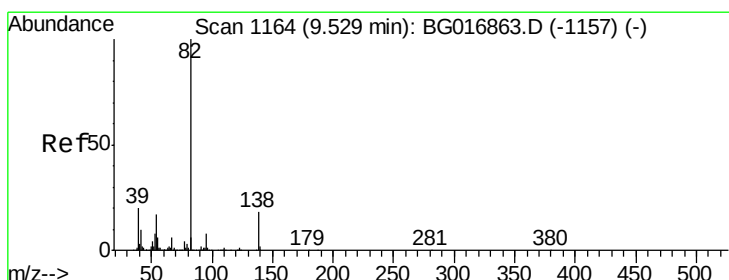
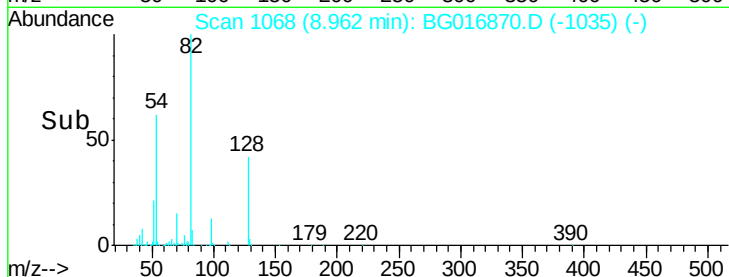
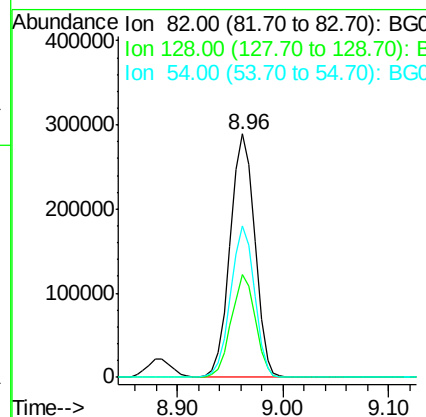
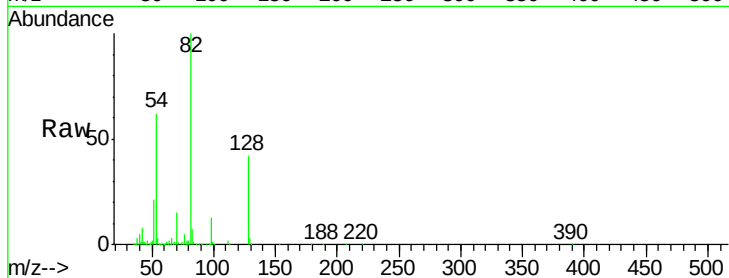
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 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	42.3	33.2	49.8
54	62.2	48.6	72.8

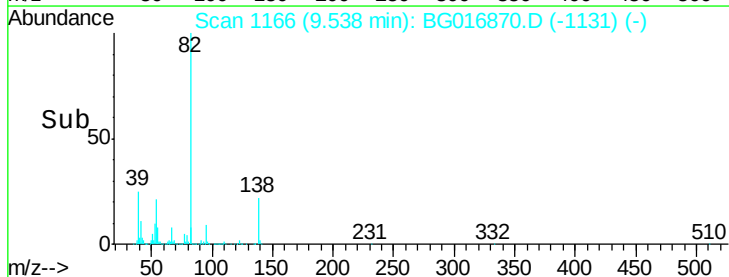
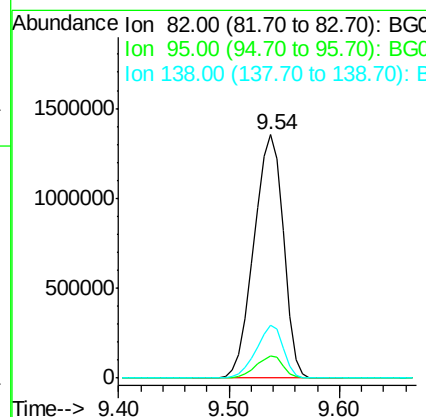
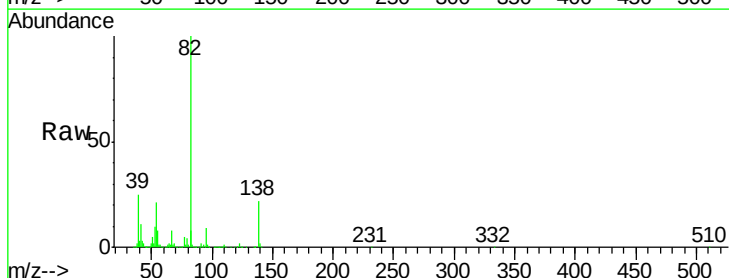
Manual Integrations
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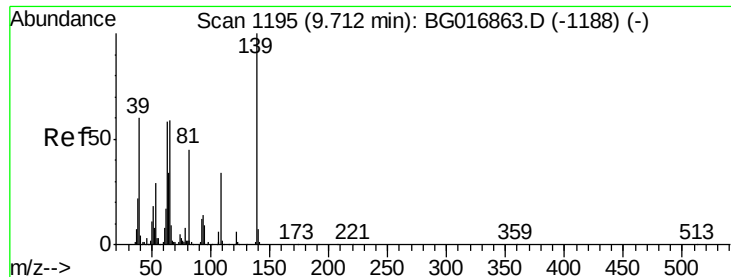
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#25
 Isophorone
 Concen: 205.87 ng
 RT: 9.54 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	9.1	6.7	10.1
138	22.0	14.7	22.1





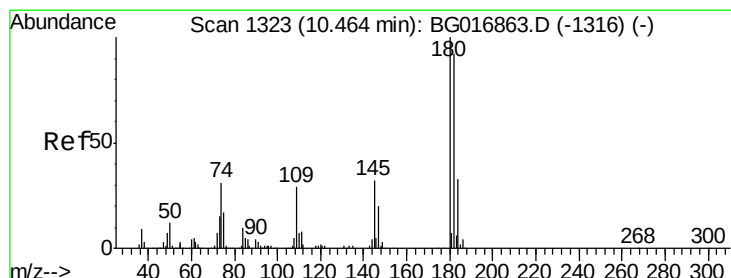
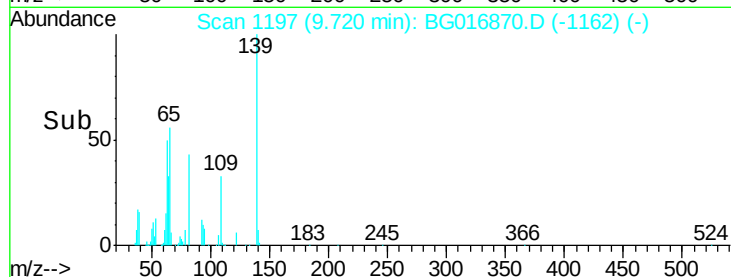
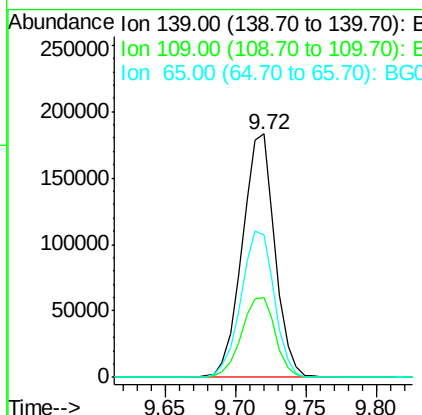
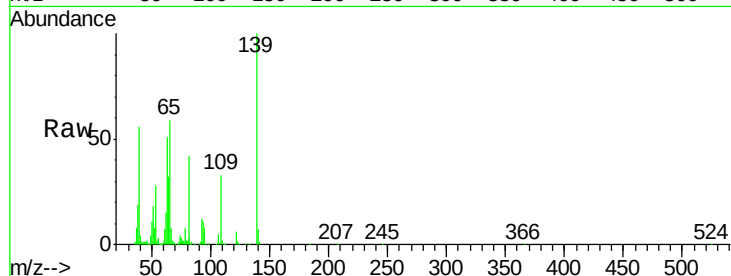
#26
2-Nitrophenol
Concen: 117.54 ng
RT: 9.72 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampled :
PT-BNA-SOIL

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	32.8	27.4	41.2
65	58.7	47.1	70.7

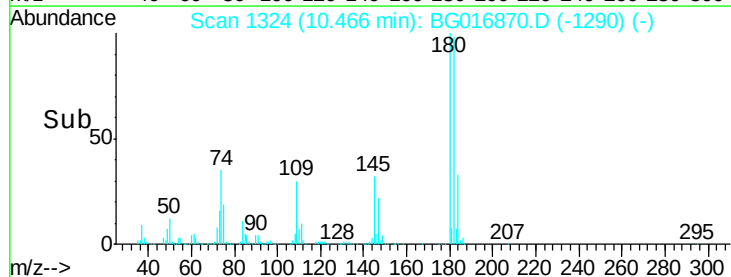
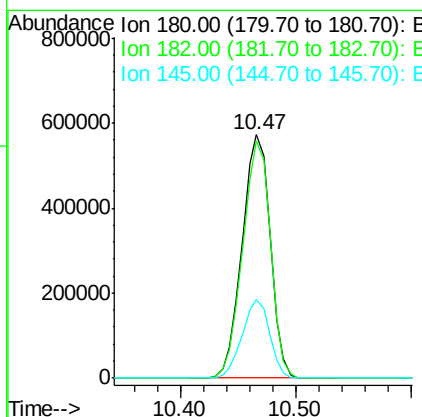
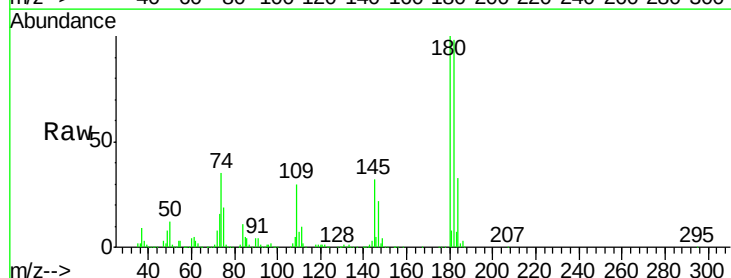
Manual Integrations
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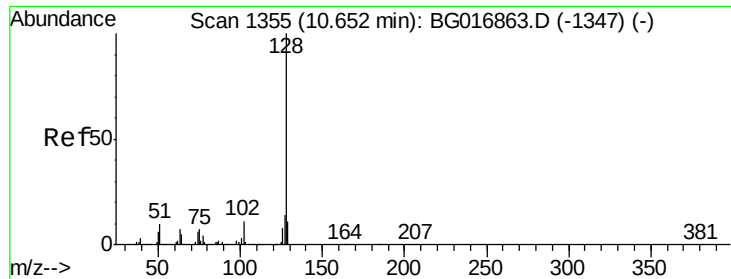
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#30
1,2,4-Trichlorobenzene
Concen: 212.83 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.6	73.8	110.8
145	32.5	25.4	38.0





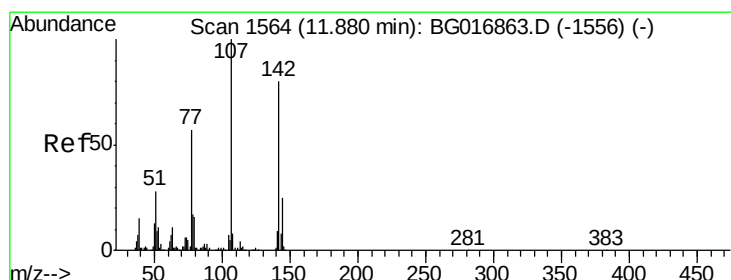
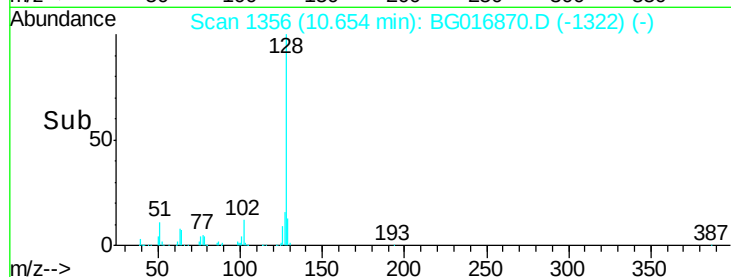
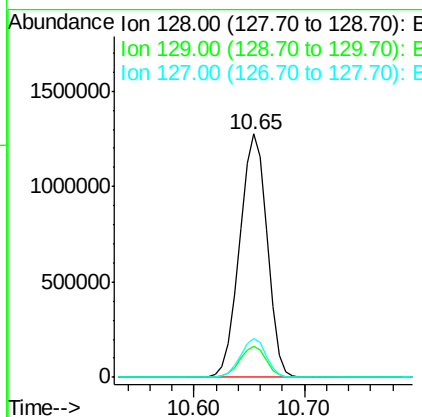
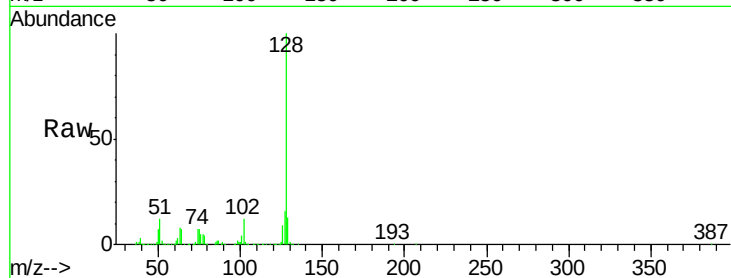
#31
Naphthalene
Concen: 149.93 ng
RT: 10.65 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	15.9	10.9	16.3

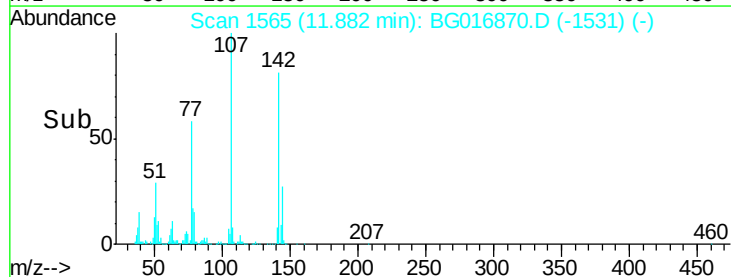
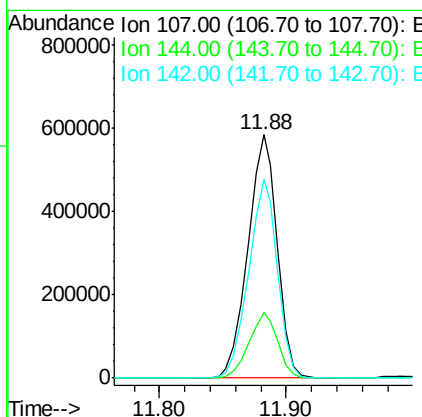
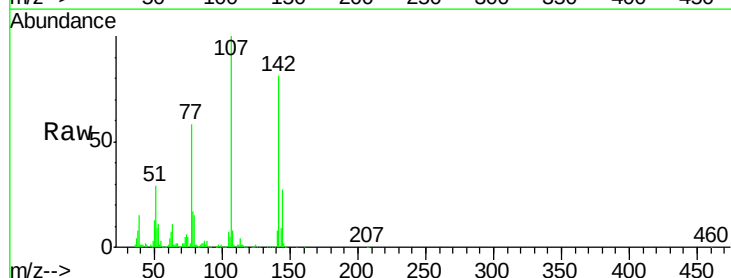
Manual Integrations
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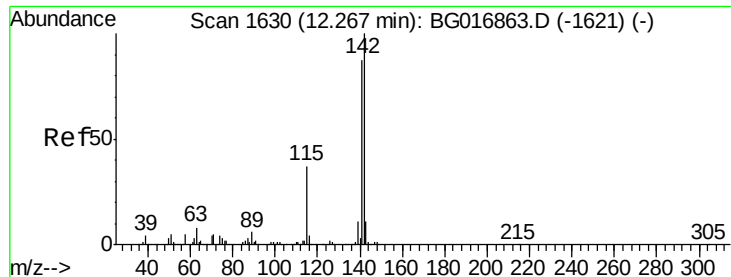
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#36
4-Chloro-3-methylphenol
Concen: 170.25 ng
RT: 11.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.2	30.2
142	81.4	64.2	96.2





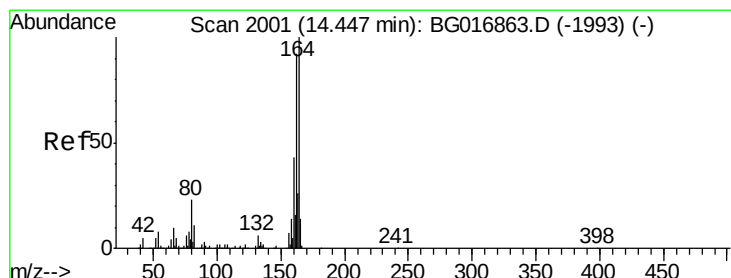
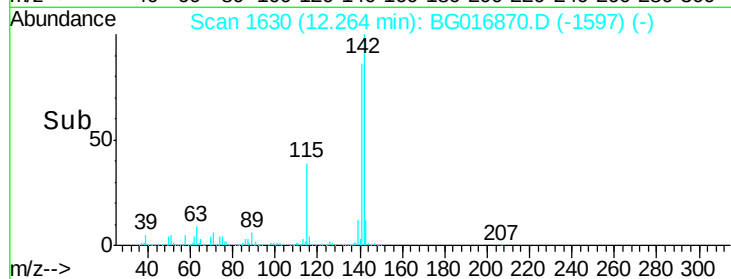
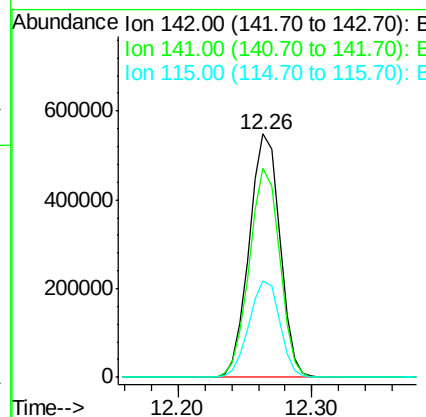
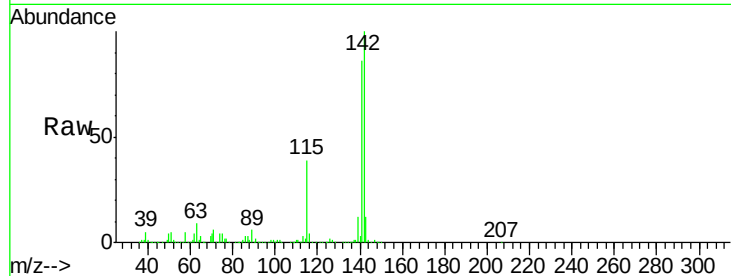
#37
2-Methylnaphthalene
Concen: 76.72 ng
RT: 12.26 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.9	104.9
115	39.5	29.8	44.8

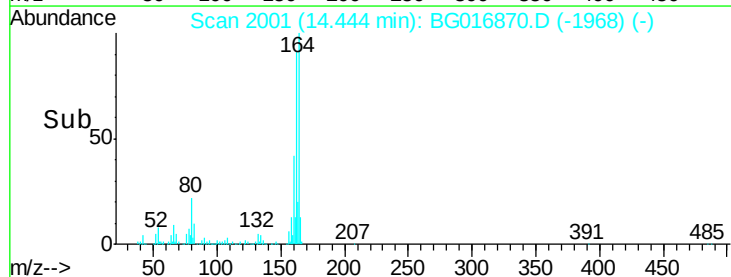
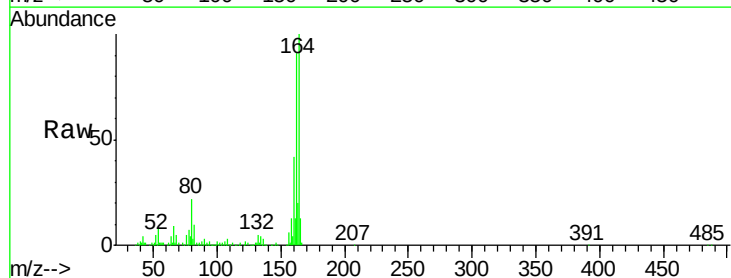
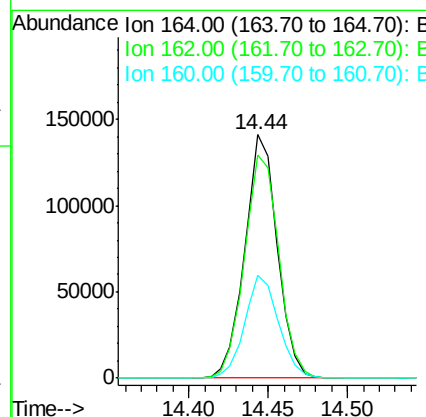
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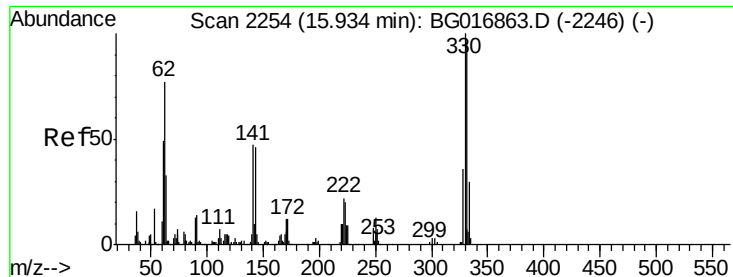
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.4	74.0	111.0
160	42.3	34.7	52.1





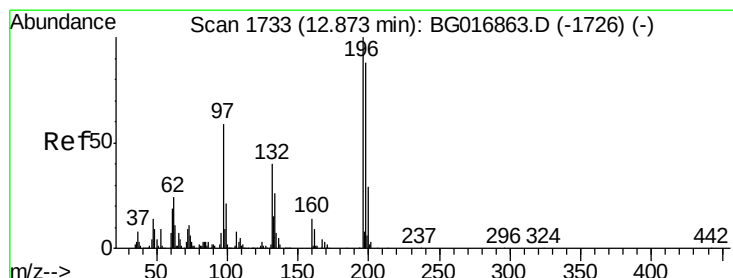
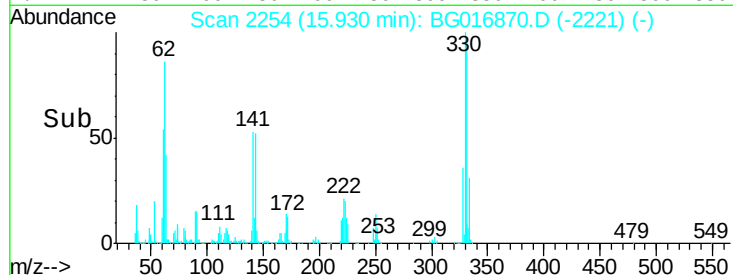
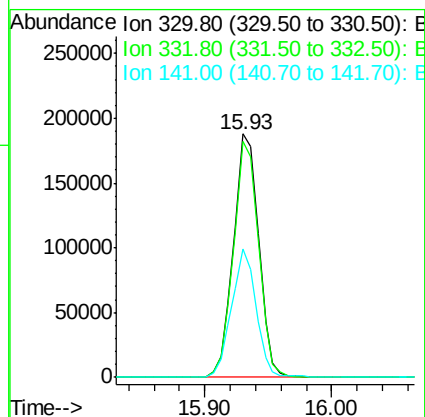
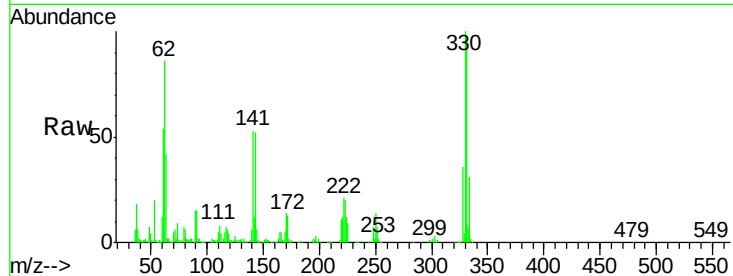
#41
2,4,6-Tribromophenol
Concen: 128.52 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampled :
PT-BNA-SOIL

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	51.8	0.0	0.0#

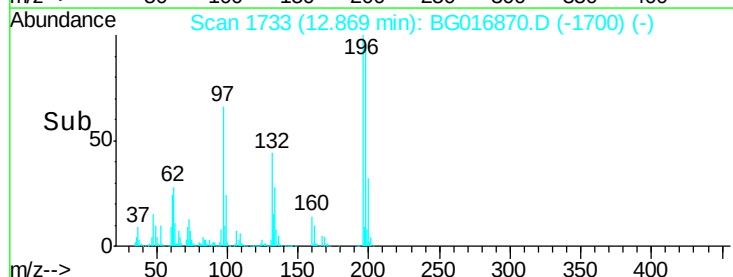
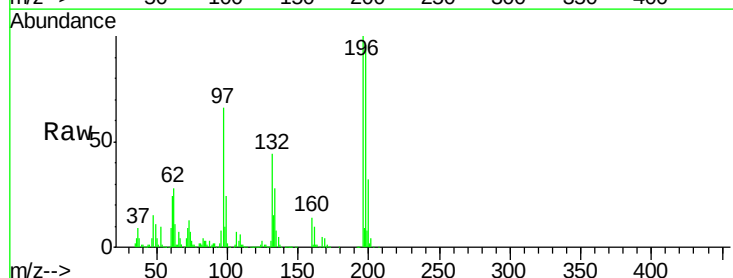
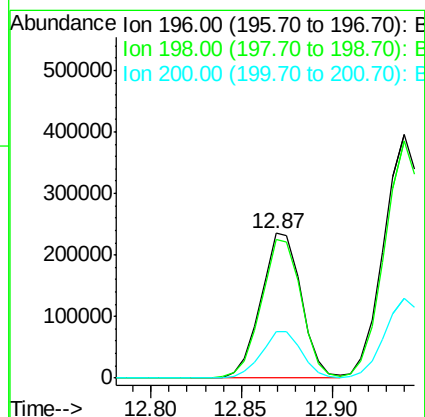
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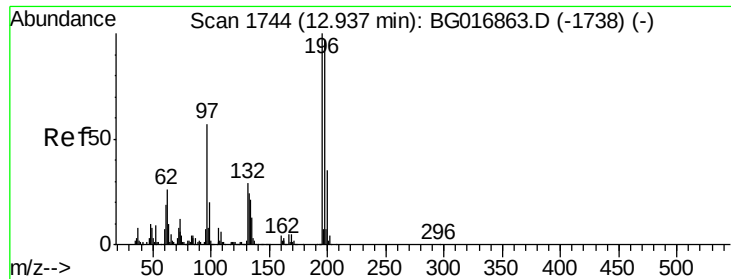
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#42
2,4,6-Trichlorophenol
Concen: 95.02 ng
RT: 12.87 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.1	70.7	106.1
200	32.4	23.0	34.4





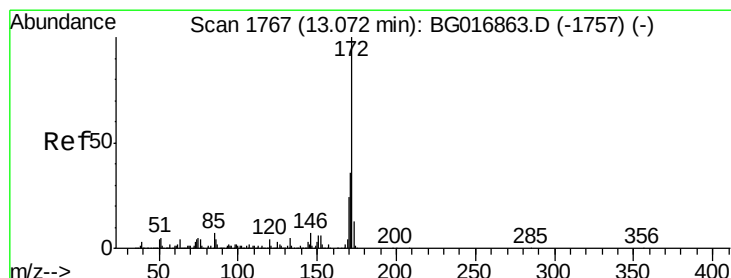
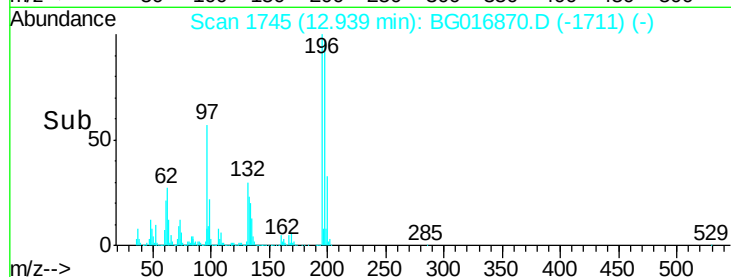
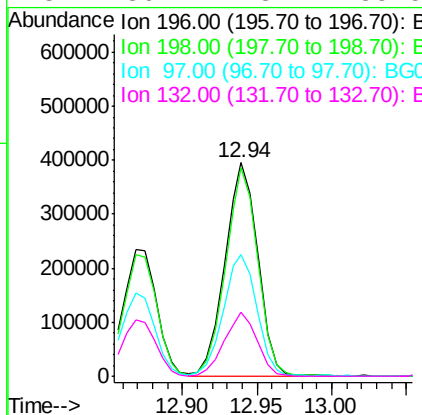
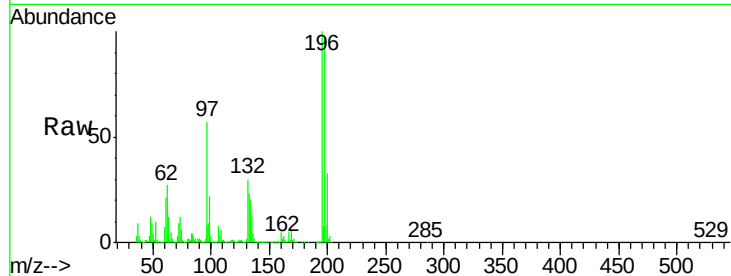
#43
 2,4,5-Trichlorophenol
 Concen: 149.19 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion:	196	Resp:	607343
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.5	116.3
97	56.8	45.9	68.9
132	30.2	23.7	35.5

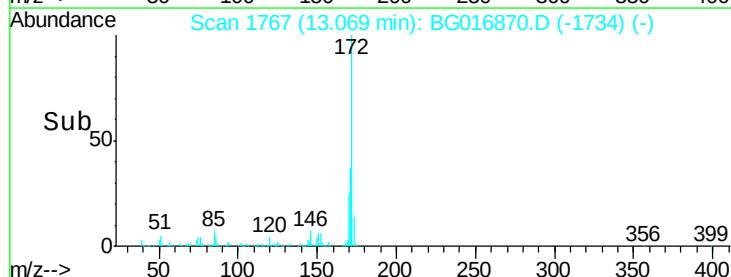
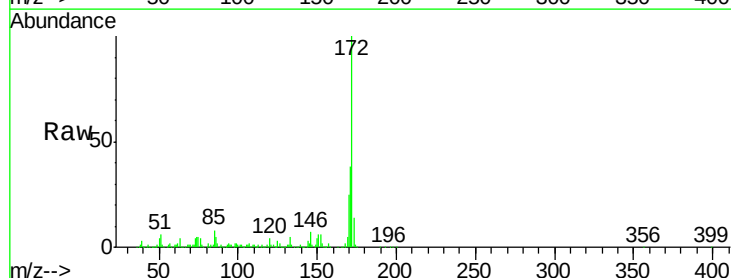
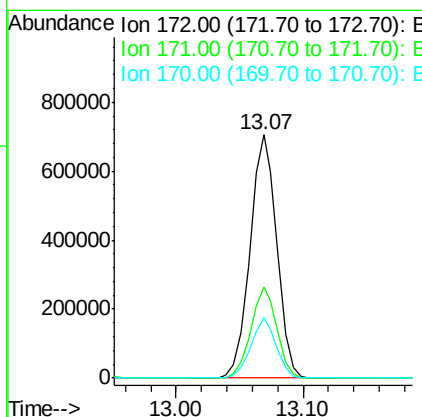
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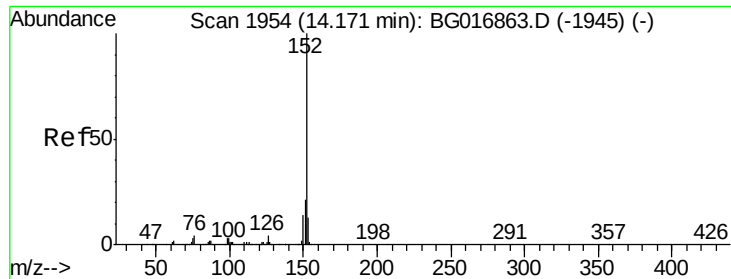
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#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:	172	Resp:	1030271
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.0	43.4
170	24.8	19.0	28.4





#48

Acenaphthylene

Concen: 79.82 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

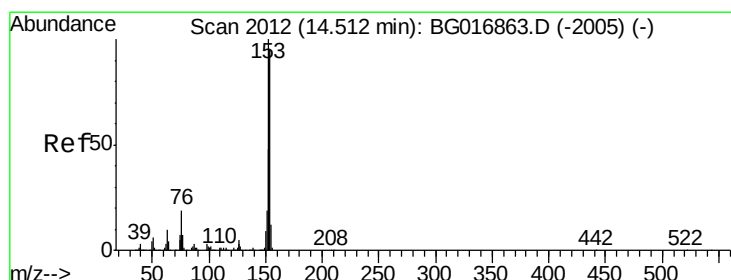
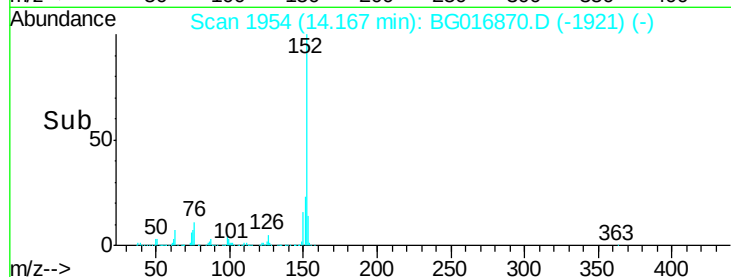
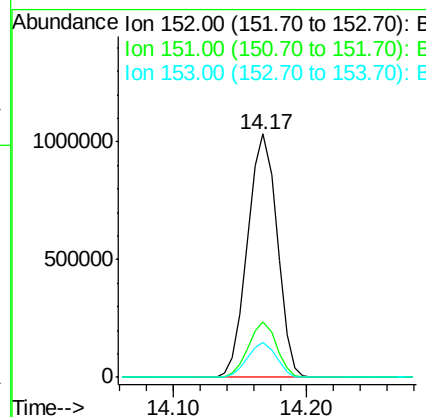
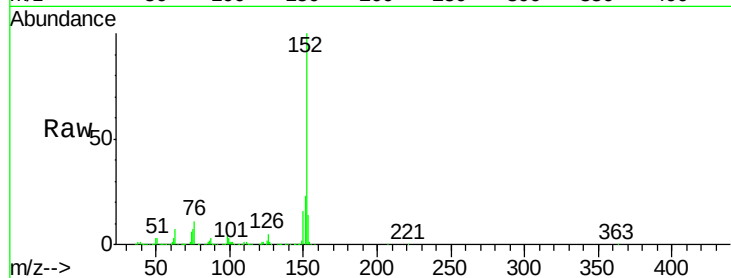
ClientSampleId :

PT-BNA-SOIL

Tot Ion:	152	Resp:	1578283
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.0	25.4
153	14.4	10.7	16.1

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#51

Acenaphthene

Concen: 172.45 ng

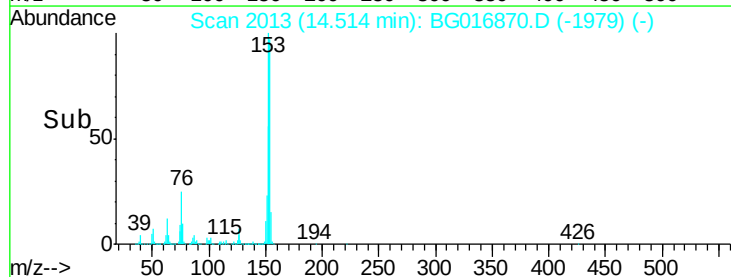
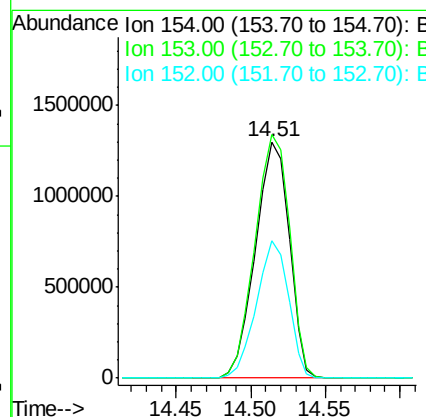
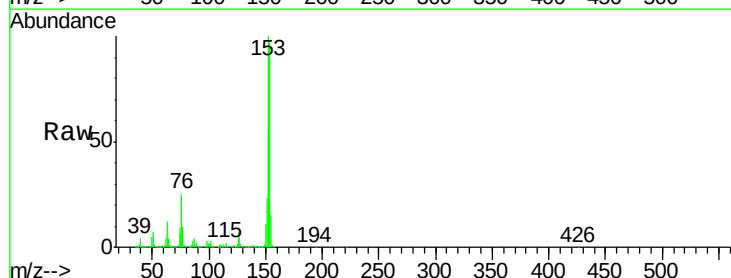
RT: 14.51 min Scan# 2013

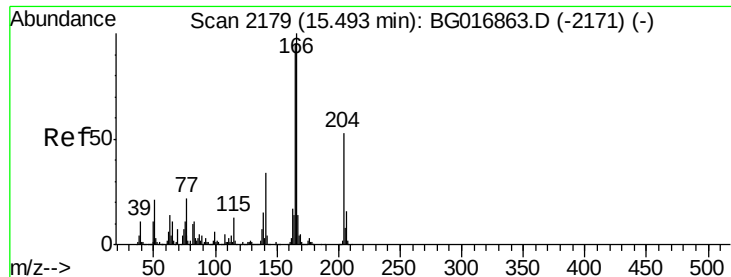
Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:	154	Resp:	2029245
Ion	Ratio	Lower	Upper
154	100		
153	103.1	84.2	126.4
152	58.2	40.2	60.2





#57

Fluorene

Concen: 73.53 ng

RT: 15.50 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG016870.D

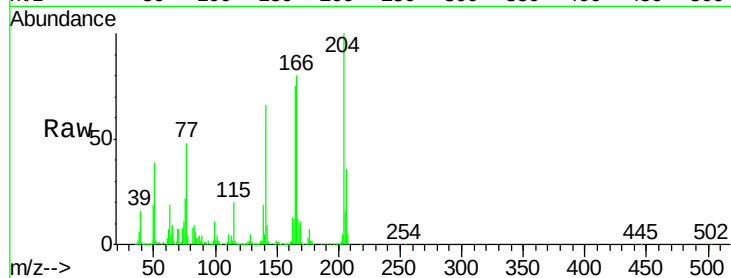
Acq: 5 May 2015 17:56

Instrument :

BNA_G

ClientSampled :

PT-BNA-SOIL



Tot Ion:166 Resp: 1087729

Ion Ratio Lower Upper

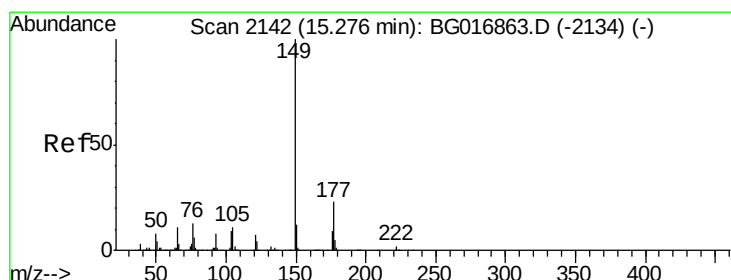
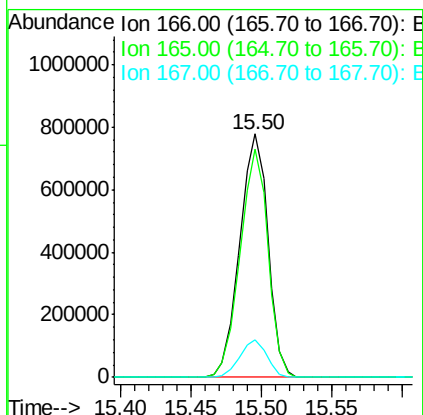
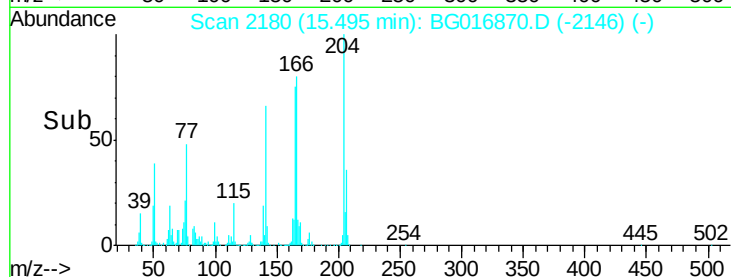
166 100

165 93.6 76.1 114.1

167 15.3 11.4 17.2

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#59

Diethylphthalate

Concen: 123.97 ng

RT: 15.28 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

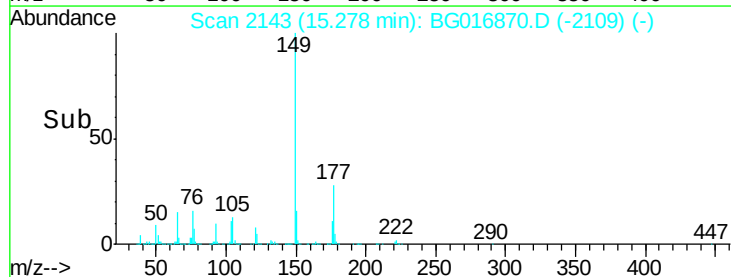
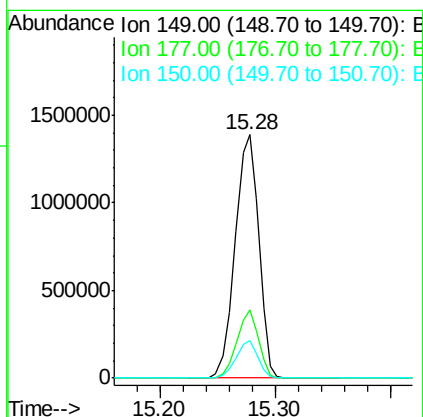
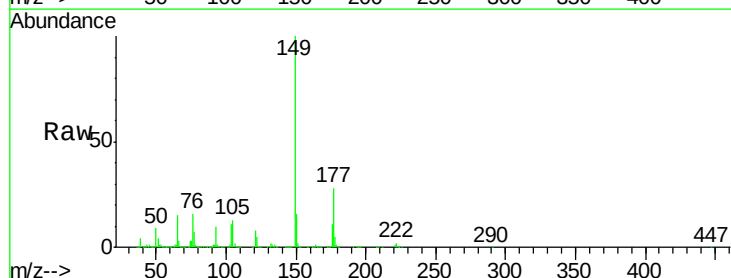
Tgt Ion:149 Resp: 1956393

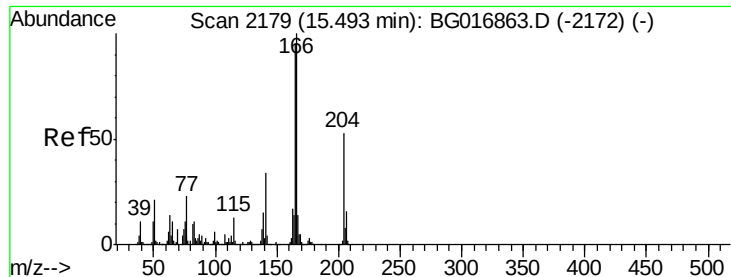
Ion Ratio Lower Upper

149 100

177 28.0 18.6 27.8#

150 15.5 9.8 14.8#





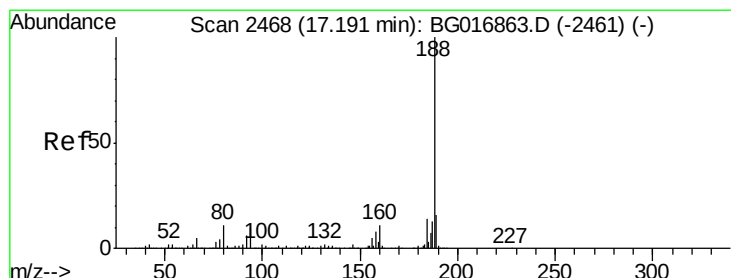
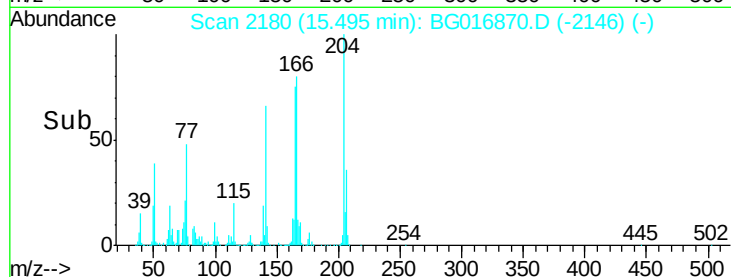
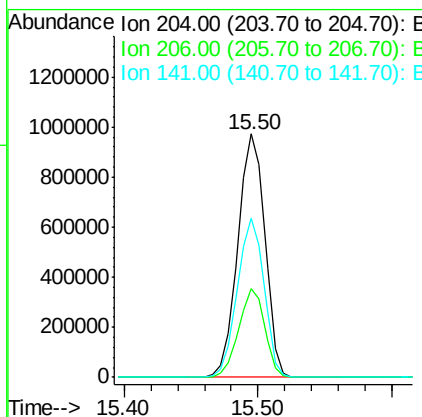
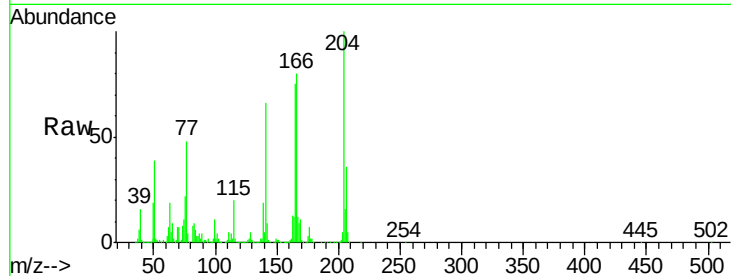
#60
4-Chlorophenyl-phenylether
Concen: 183.68 ng
RT: 15.50 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion:204 Resp: 1365205
Ion Ratio Lower Upper
204 100
206 36.4 24.8 37.2
141 65.5 52.4 78.6

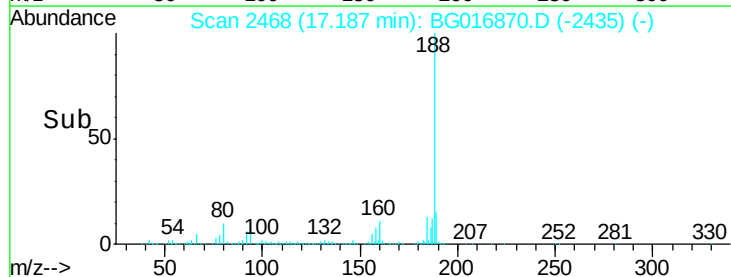
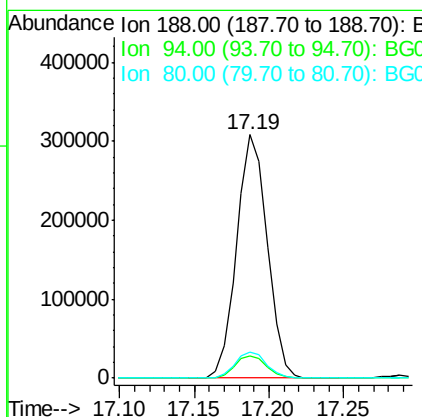
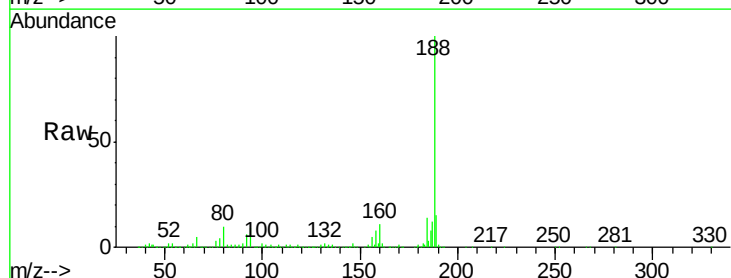
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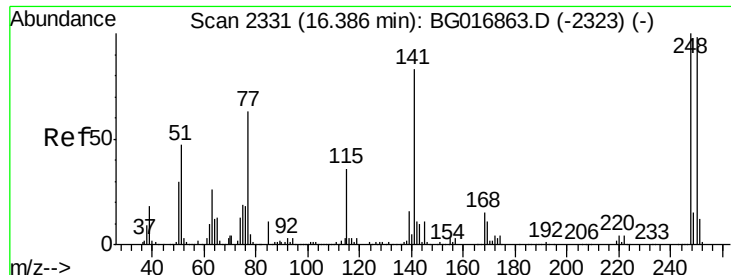
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:188 Resp: 439286
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.5 8.8 13.2





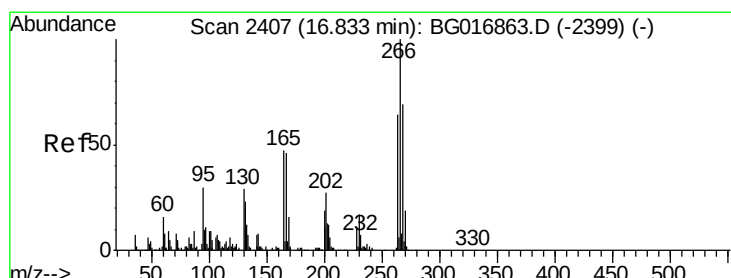
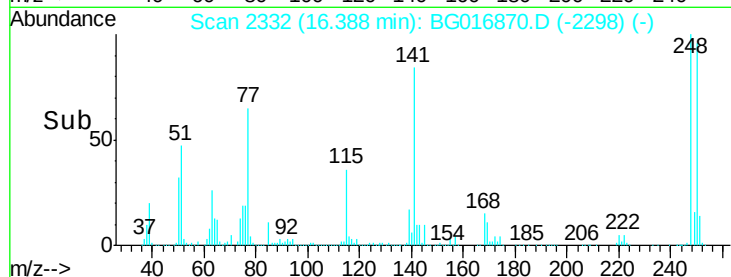
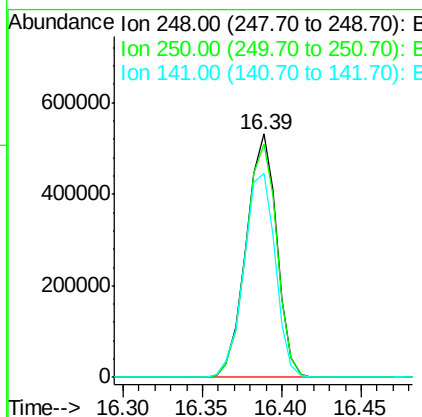
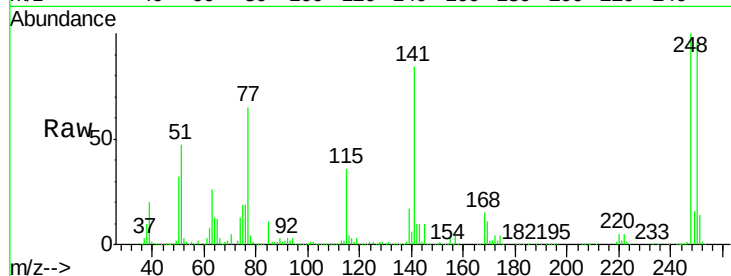
#66
4-Bromophenyl-phenylether
Concen: 161.35 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.8	78.6	117.8	
141	84.0	66.3	99.5	

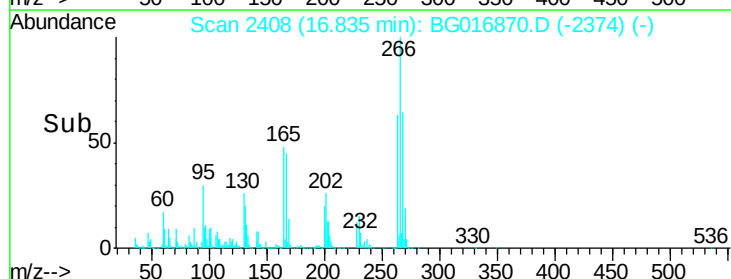
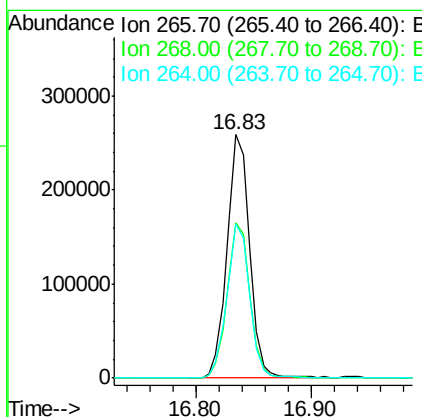
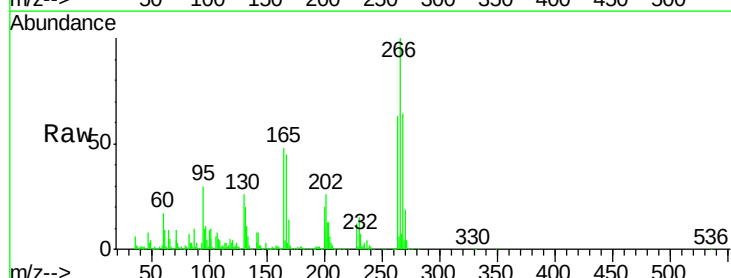
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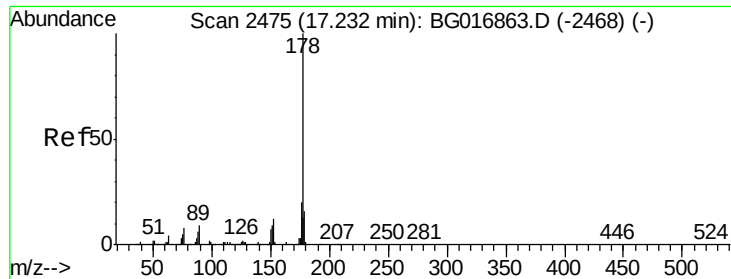
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#69
Pentachlorophenol
Concen: 116.53 ng
RT: 16.83 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	55.2	82.8	
264	63.1	51.4	77.0	





#70

Phenanthrene

Concen: 37.18 ng

RT: 17.23 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

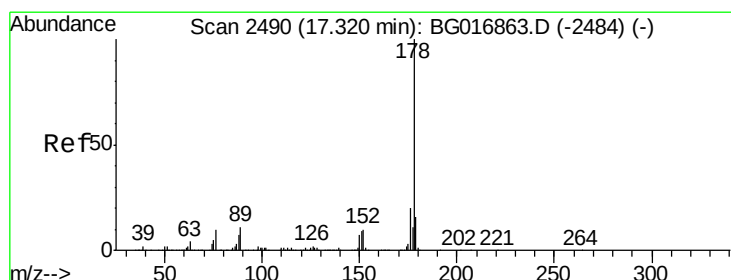
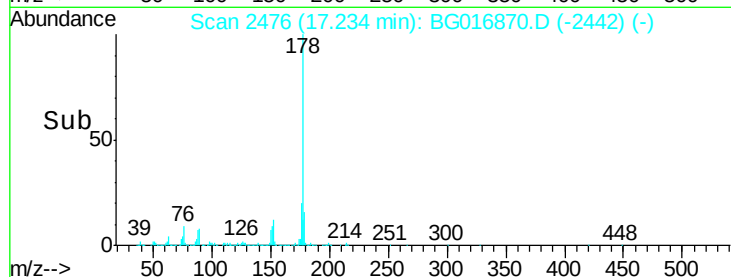
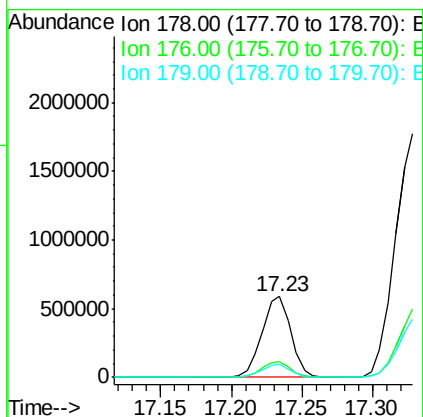
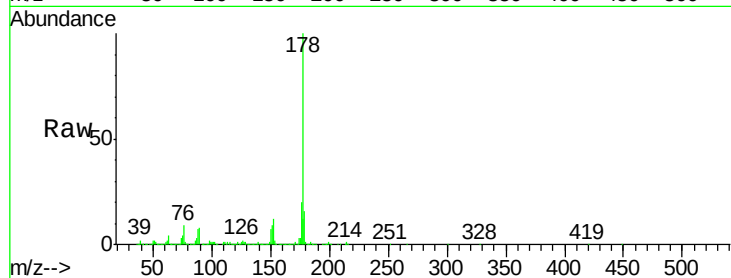
ClientSampleId :

PT-BNA-SOIL

Tot Ion:	178	Resp:	840521
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.0	24.0
179	15.8	13.0	19.6

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#71

Anthracene

Concen: 129.16 ng m

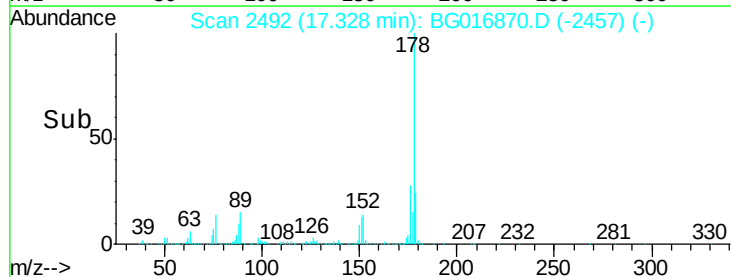
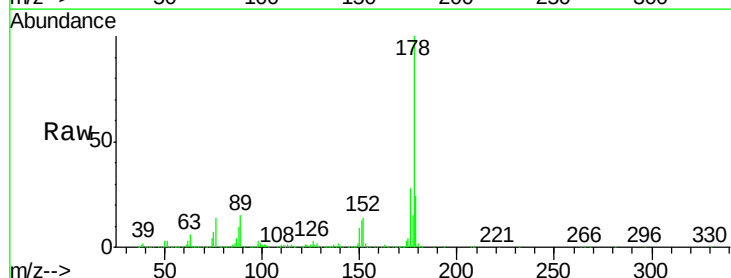
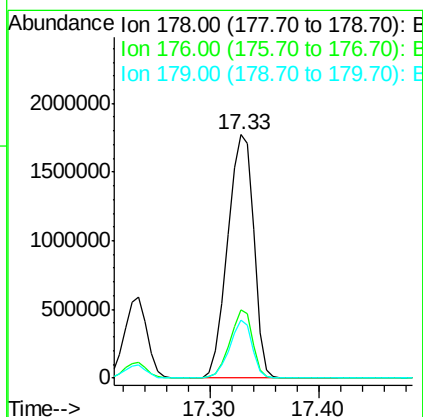
RT: 17.33 min Scan# 2492

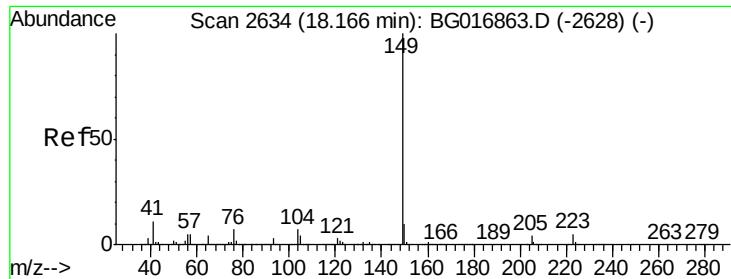
Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:	178	Resp:	2945756
Ion Ratio	Lower	Upper	
178	100		
176	28.0	16.2	24.4#
179	23.7	13.1	19.7#





#73

Di-n-butylphthalate

Concen: 68.46 ng

RT: 18.17 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

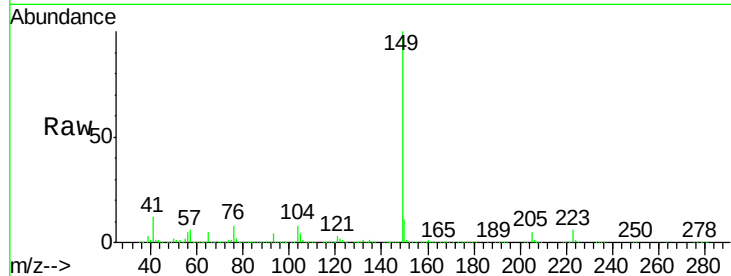
ClientSampleId :

PT-BNA-SOIL

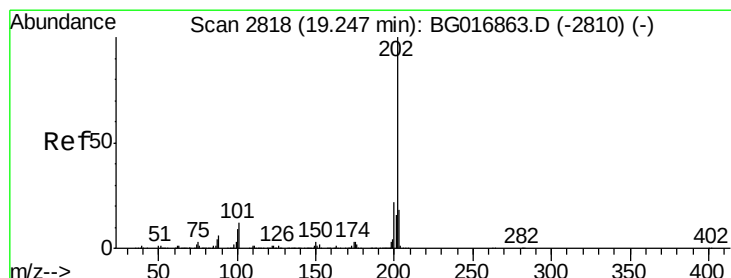
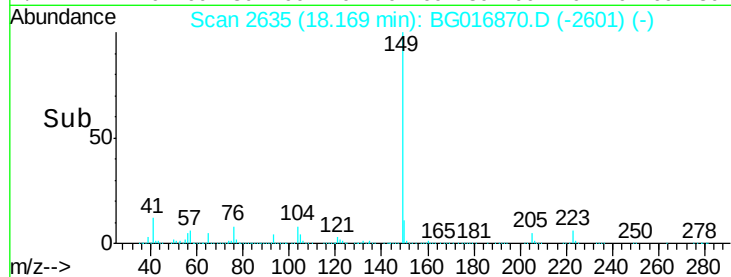
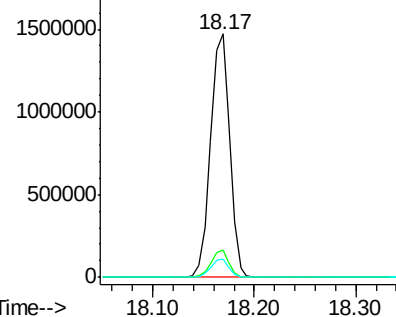
Tot Ion:	149	Resp:	1924371
Ion Ratio	Lower	Upper	
149	100		
150	11.1	7.7	11.5
104	7.7	5.4	8.0

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 92.50 ng

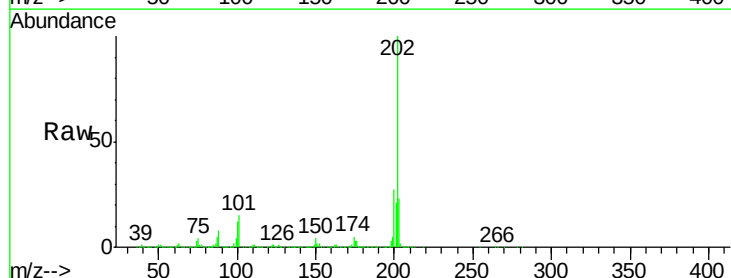
RT: 19.25 min Scan# 2819

Delta R.T. 0.00 min

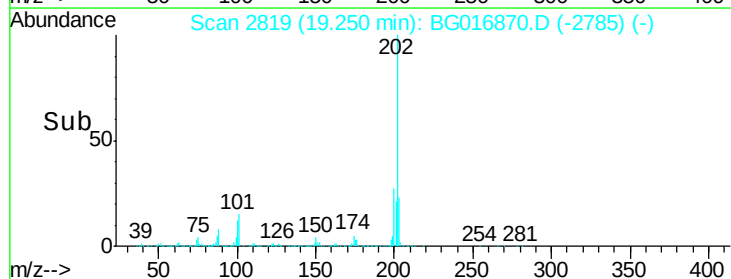
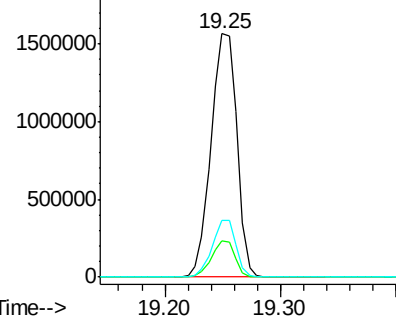
Lab File: BG016870.D

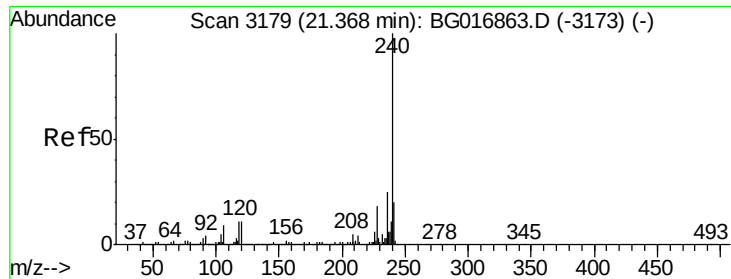
Acq: 5 May 2015 17:56

Tgt Ion:	202	Resp:	2426127
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	31.5
203	23.3	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

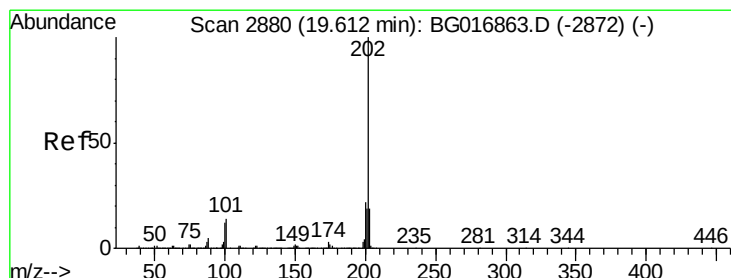
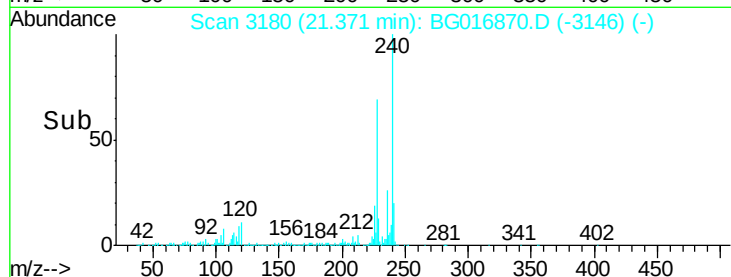
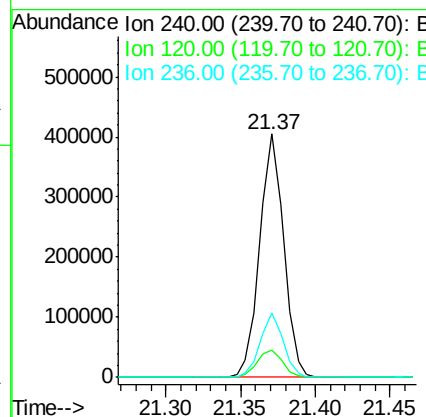
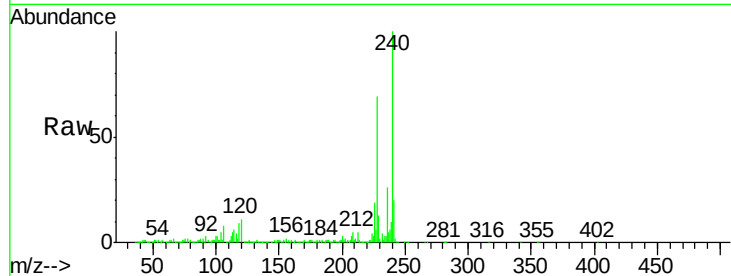
ClientSampled :

PT-BNA-SOIL

Tot Ion:	240	Resp:	447786
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.1	13.7
236	26.4	20.2	30.4

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#77

Pyrene

Concen: 75.97 ng

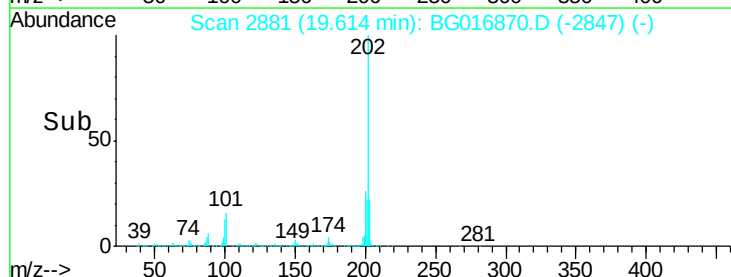
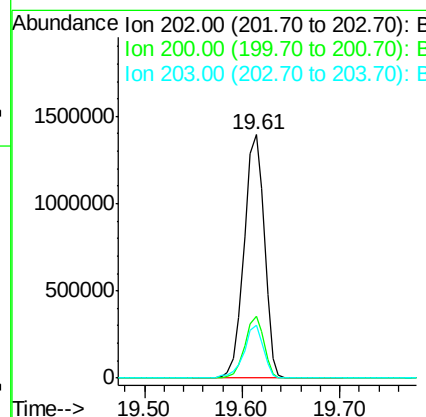
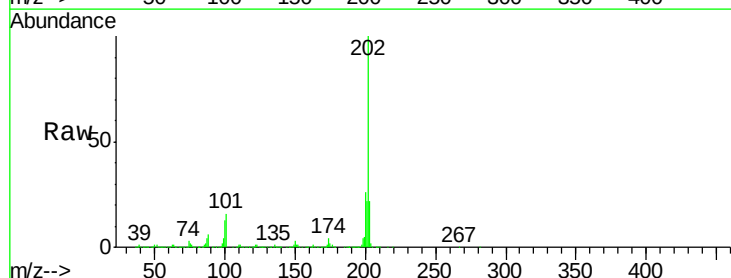
RT: 19.61 min Scan# 2881

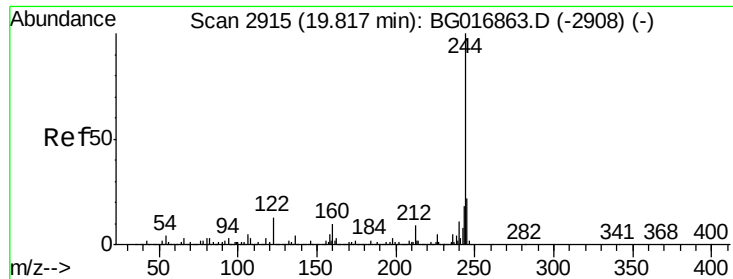
Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:	202	Resp:	2007688
Ion Ratio	Lower	Upper	
202	100		
200	25.5	17.9	26.9
203	21.8	15.2	22.8





#78

Terphenyl-d14

Concen: 77.51 ng

RT: 19.82 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG016870.D

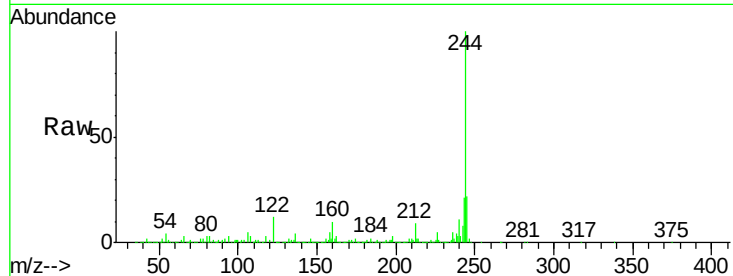
Acq: 5 May 2015 17:56

Instrument :

BNA_G

ClientSampleId :

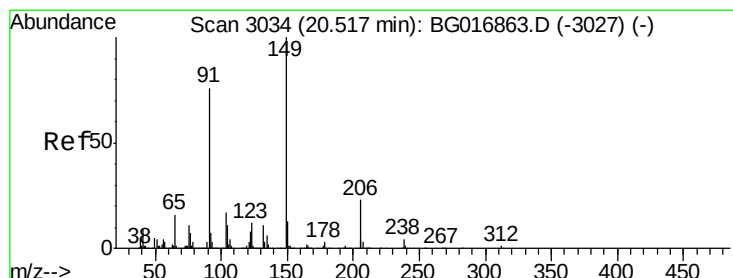
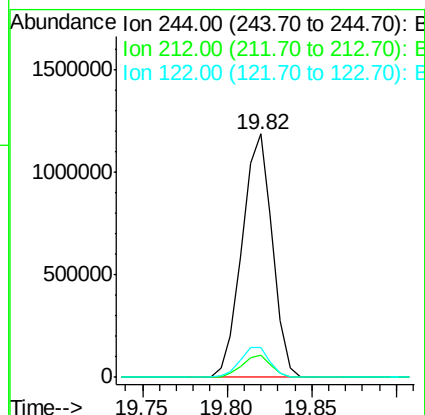
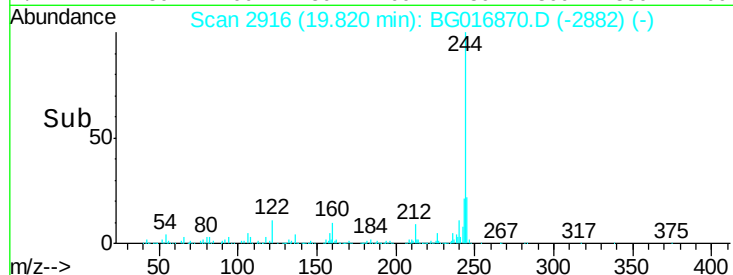
PT-BNA-SOIL



Tot Ion:	244	Resp:	1480486
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.1	10.4	15.6

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#79

Butylbenzylphthalate

Concen: 140.46 ng

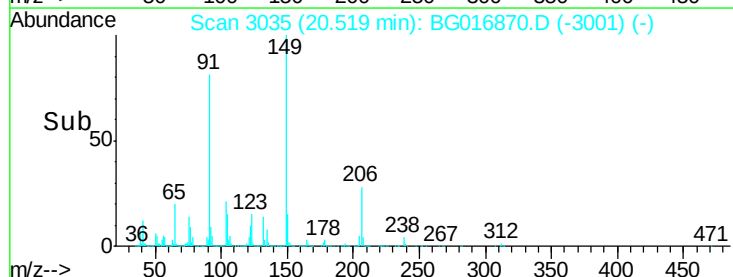
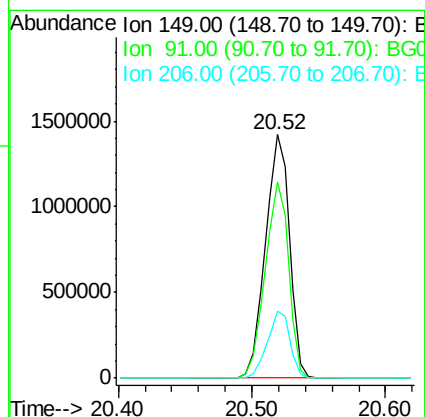
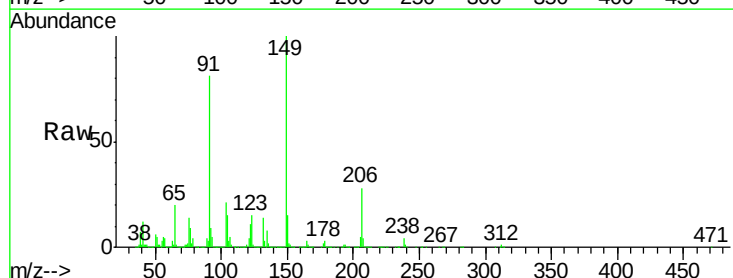
RT: 20.52 min Scan# 3035

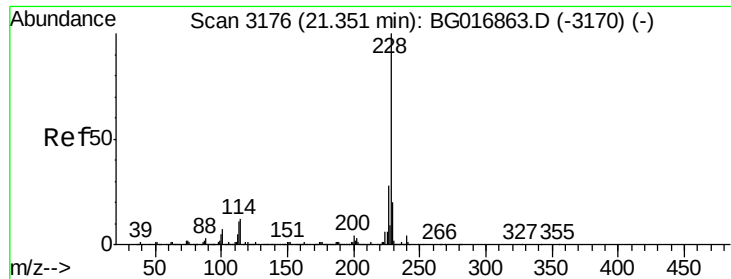
Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:	149	Resp:	1764338
Ion	Ratio	Lower	Upper
149	100		
91	80.7	60.6	91.0
206	27.6	18.4	27.6#





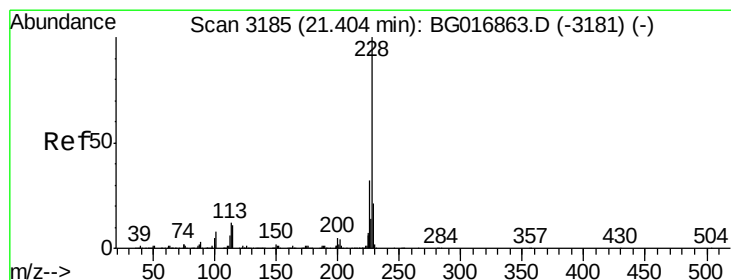
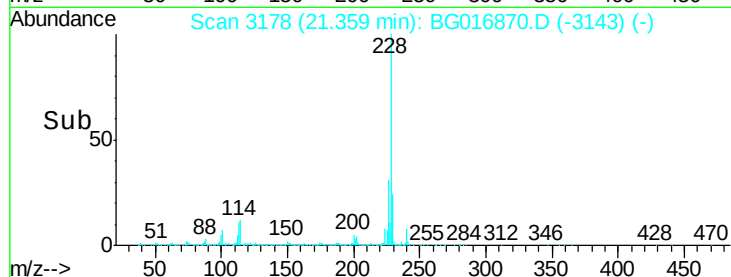
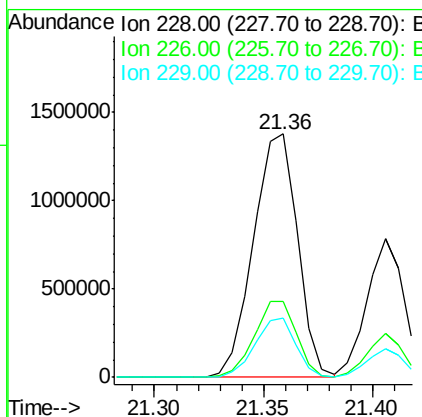
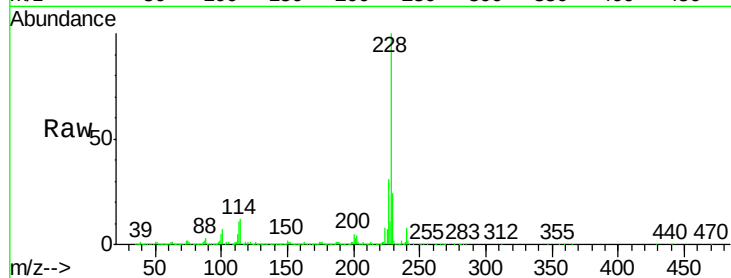
#80
Benzo(a)anthracene
Concen: 80.94 ng m
RT: 21.36 min Scan# 3178
Delta R.T. 0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.7	34.1
229	24.2	16.1	24.1

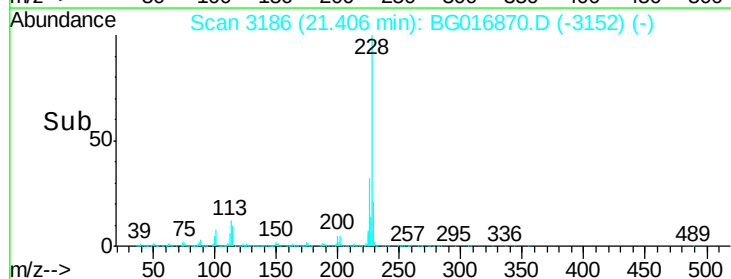
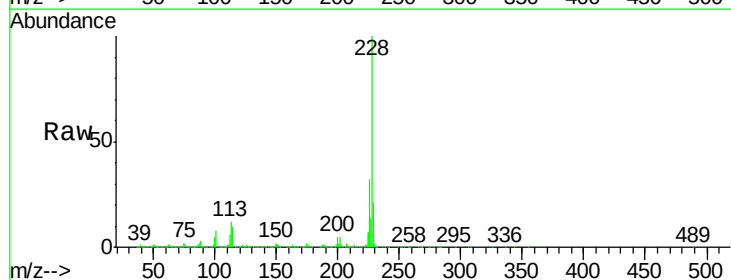
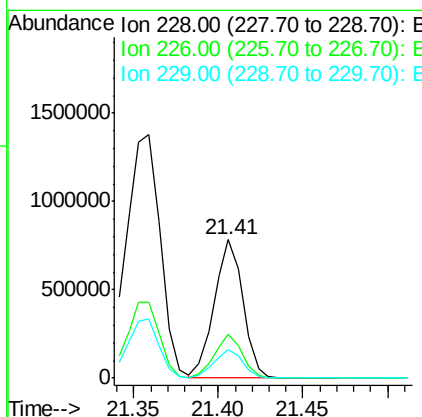
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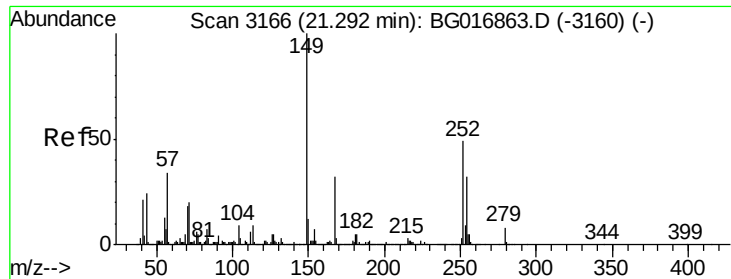
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#82
Chrysene
Concen: 41.16 ng
RT: 21.41 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.9	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 89.88 ng

RT: 21.29 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion:149 Resp: 1544357

Ion Ratio Lower Upper

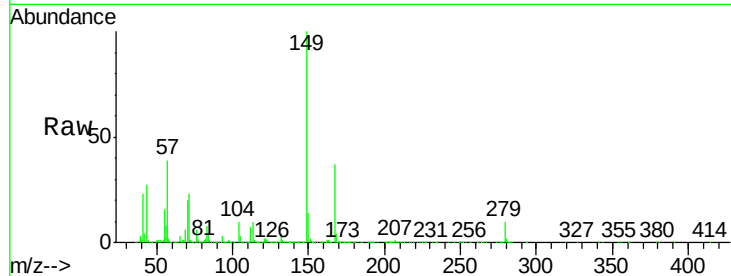
149 100

167 37.4 25.4 38.0

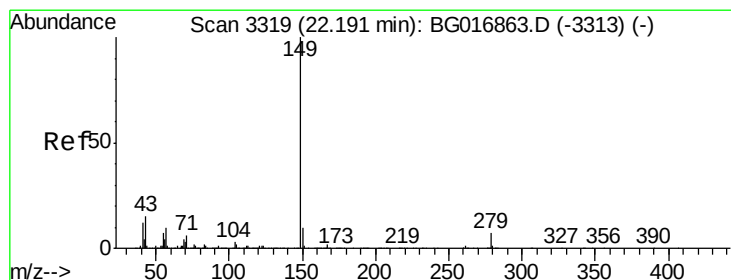
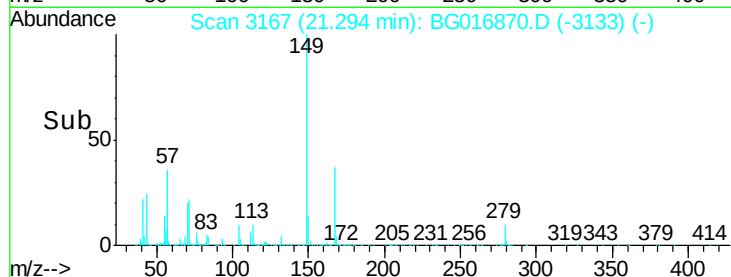
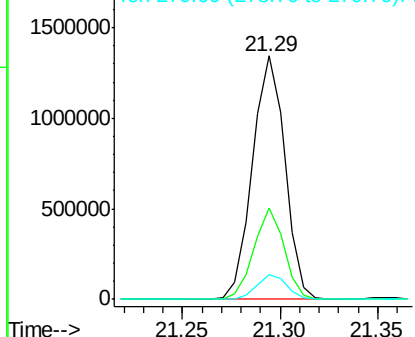
279 10.1 6.4 9.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 83.27 ng

RT: 22.19 min Scan# 3320

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

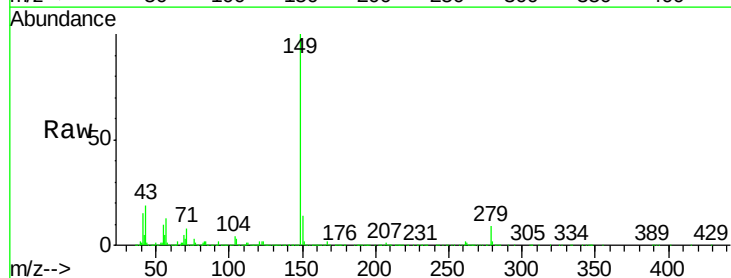
Tgt Ion:149 Resp: 2403387

Ion Ratio Lower Upper

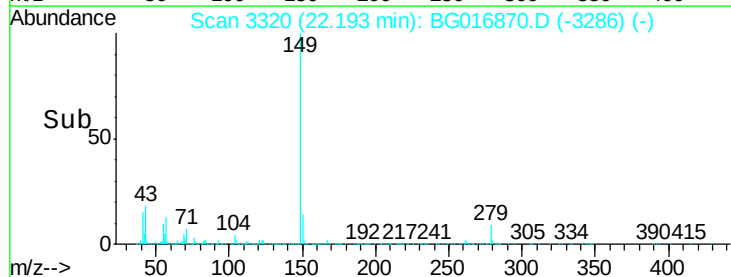
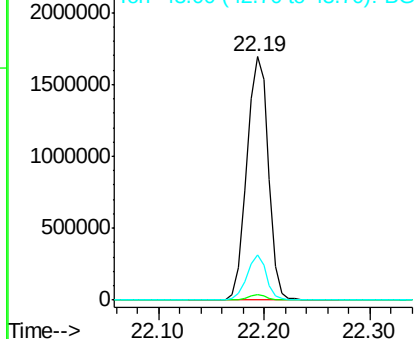
149 100

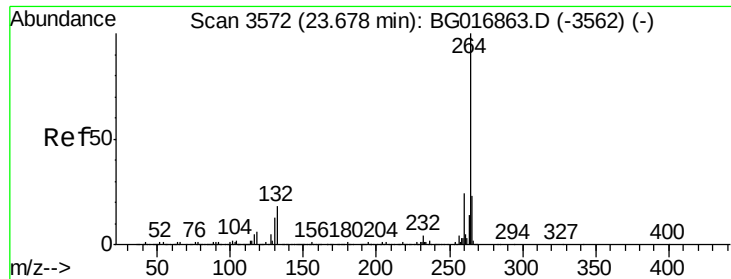
167 2.0 0.0 0.0#

43 16.5 0.0 0.0#



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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3572

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

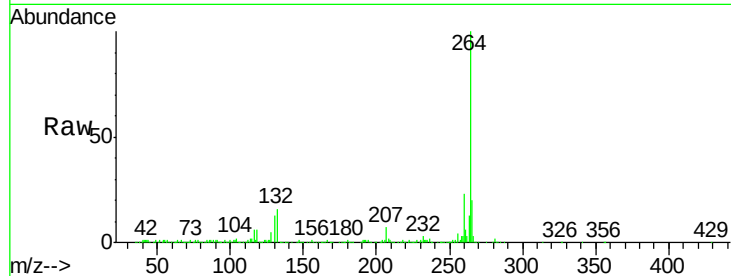
ClientSampleId :

PT-BNA-SOIL

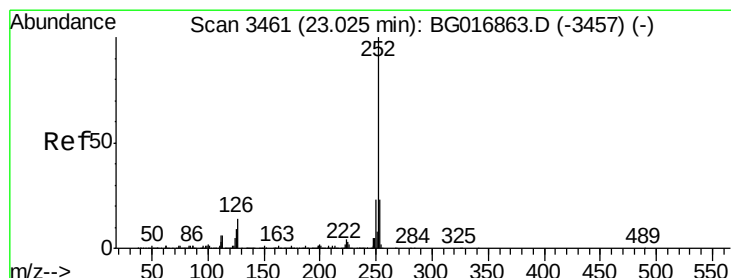
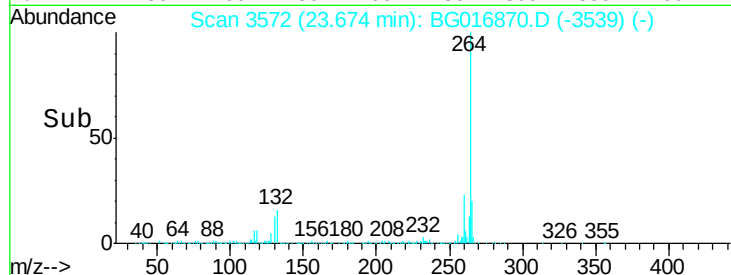
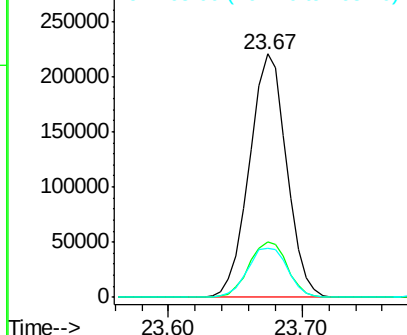
Tot Ion:	264	Resp:	423701
Ion Ratio		Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.1	18.5	27.7

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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



#88

Benzo(k)fluoranthene

Concen: 158.82 ng

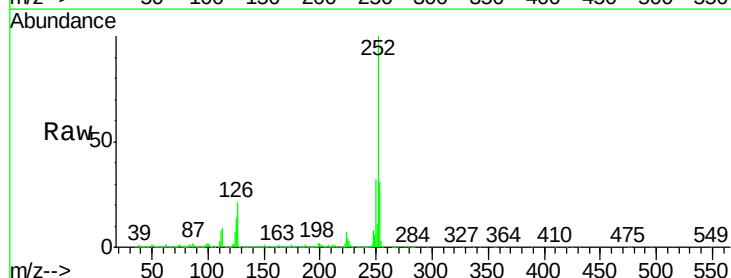
RT: 23.04 min Scan# 3464

Delta R.T. 0.01 min

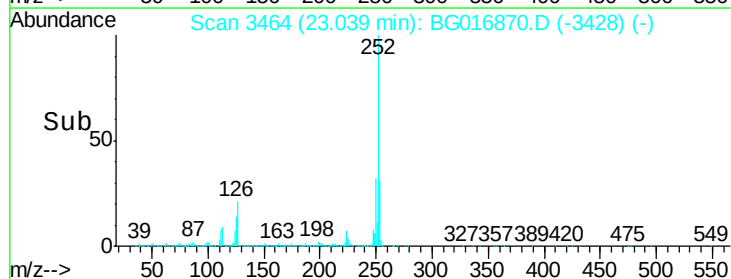
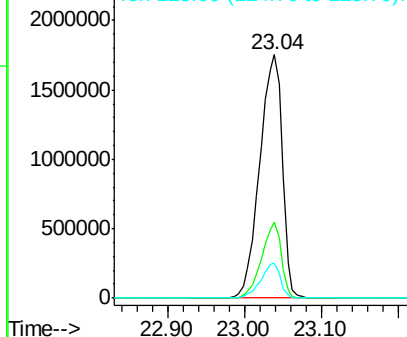
Lab File: BG016870.D

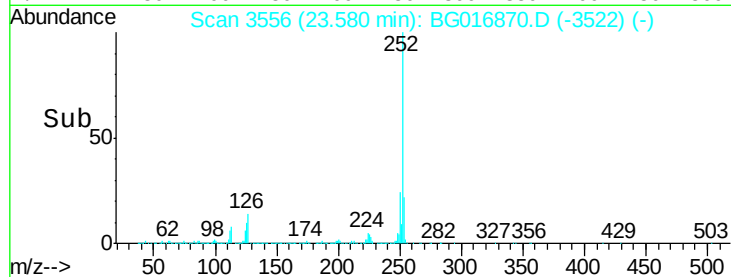
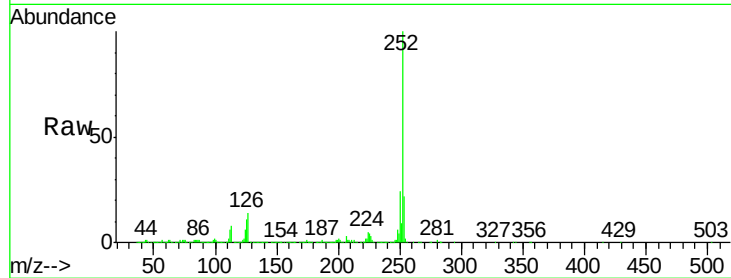
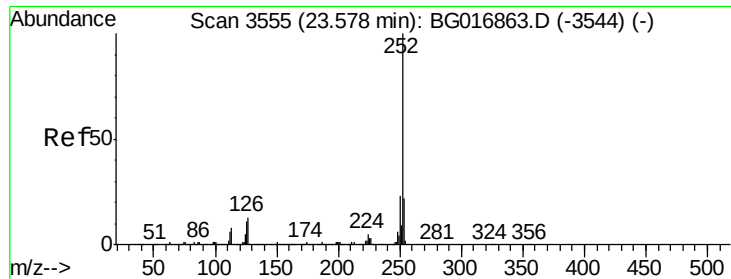
Acq: 5 May 2015 17:56

Tgt Ion:	252	Resp:	3606363
Ion Ratio		Lower	Upper
252	100		
253	31.1	18.4	27.6#
125	14.4	7.9	11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.66 ng

RT: 23.58 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion: 252 Resp: 1092983

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.5 8.5 12.7

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