

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034496.D
 Acq On : 16 May 2018 20:00
 Operator : SJ/JU
 Sample : J2604-13DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SoilDL

Manual Integrations
 APPROVED

Sohil
 5/17/2018 5:04:25 PM

Quant Time: May 17 03:25:36 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	41056	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	199951	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	157060	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	397474	20.00	ng	0.00
75) Chrysene-d12	21.74	240	408240	20.00	ng	0.00
86) Perylene-d12	25.00	264	425851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	63867	23.96	ng	0.00
7) Phenol-d6	7.21	99	102707	23.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	76841	14.68	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	64215	23.74	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	177914	15.38	ng	0.00
78) Terphenyl-d14	20.06	244	381122	20.47	ng	0.00

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	7.93	146	60168m	18.137	ng	
13) 1,4-Dichlorobenzene	8.08	146	140981	41.737	ng	92
14) 1,2-Dichlorobenzene	8.40	146	126514	38.159	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	106410	20.838	ng	93
29) 2,4-Dichlorophenol	10.51	162	161657	45.701	ng	88
30) 1,2,4-Trichlorobenzene	10.72	180	68612	16.313	ng	98
34) Hexachlorobutadiene	11.20	225	124639	37.301	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	78836	16.541	ng	# 86
37) 2-Methylnaphthalene	12.52	142	95572	11.383	ng	# 89
42) 2,4,6-Trichlorophenol	13.12	196	165539	45.080	ng	90
43) 2,4,5-Trichlorophenol	13.20	196	70071	17.391	ng	# 95
46) 2-Chloronaphthalene	13.57	162	173912	17.861	ng	97
48) Acenaphthylene	14.42	152	391409	26.267	ng	96
50) 2,6-Dinitrotoluene	14.26	165	143171	51.499	ng	# 78
51) Acenaphthene	14.76	154	193351	20.015	ng	91
55) 4-Nitrophenol	14.91	139	71979	31.878	ng	# 65
57) Fluorene	15.74	166	277538	22.441	ng	97
60) 4-Chlorophenyl-phenylether	15.74	204	299043	40.718	ng	97
66) 4-Bromophenyl-phenylether	16.63	248	199357	38.111	ng	# 90
67) Hexachlorobenzene	16.75	284	186146	32.203	ng	94
69) Pentachlorophenol	17.09	266	175512	50.349	ng	98
70) Phenanthrene	17.49	178	552230	25.509	ng	99
73) Di-n-butylphthalate	18.40	149	754525	33.570	ng	# 97
74) Fluoranthene	19.50	202	543474	20.427	ng	96
79) Butylbenzylphthalate	20.75	149	216219	21.945	ng	# 89
80) Benzo(a)anthracene	21.72	228	421563	15.892	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	384791	28.756	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.73	276	486589	15.631	ng	# 54
88) Benzo(k)fluoranthene	24.03	252	461525	18.030	ng	# 96
89) Benzo(a)pyrene	24.84	252	564312	22.064	ng	# 91
90) Dibenzo(a,h)anthracene	28.78	278	458877	18.092	ng	# 94
91) Benzo(a,h,i)perylene	29.90	276	497573	19.515	ng	# 90

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Manual Integrations
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Quant Time: May 17 03:25:36 2018
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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

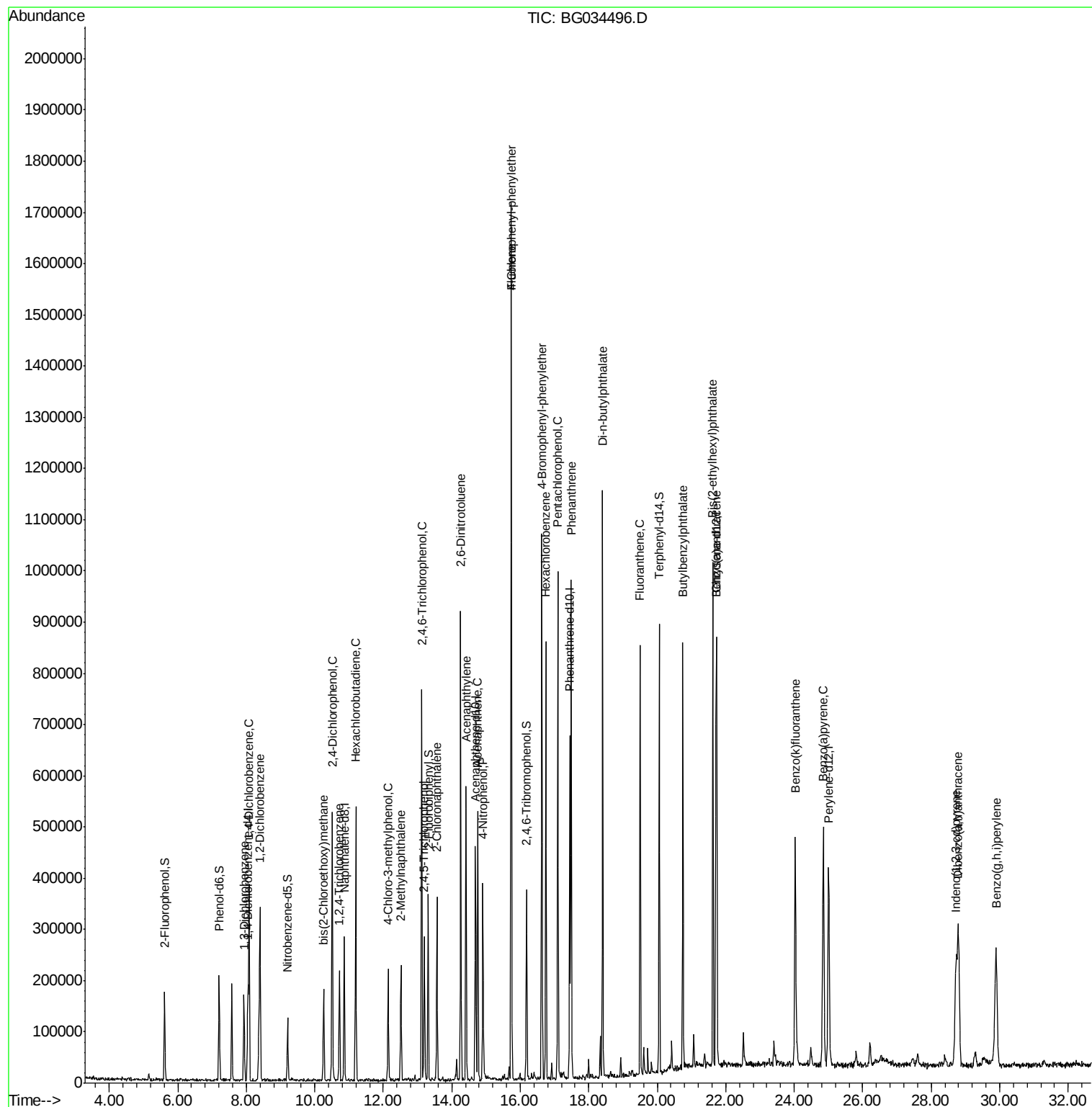
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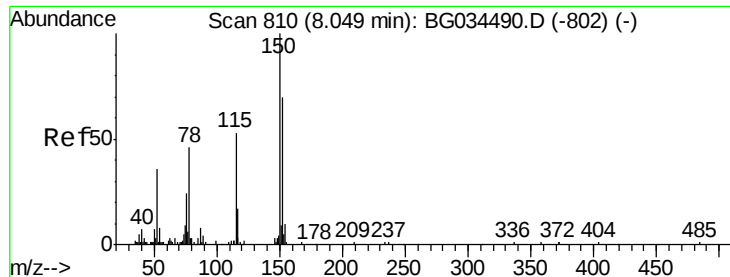
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

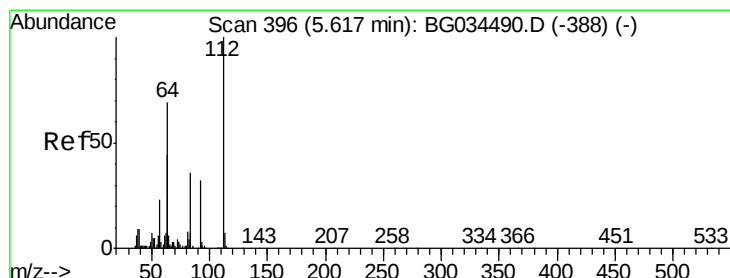
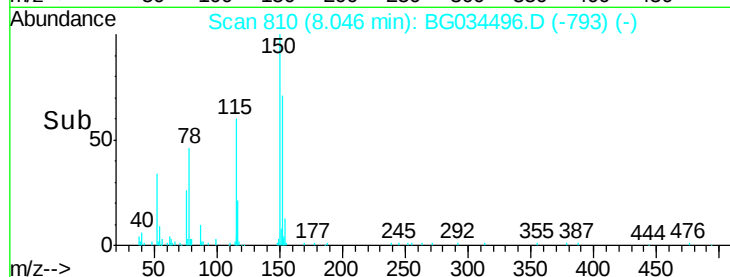
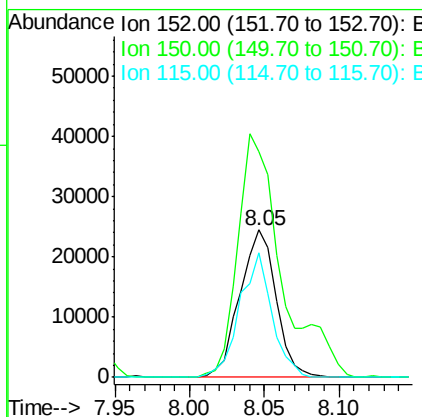
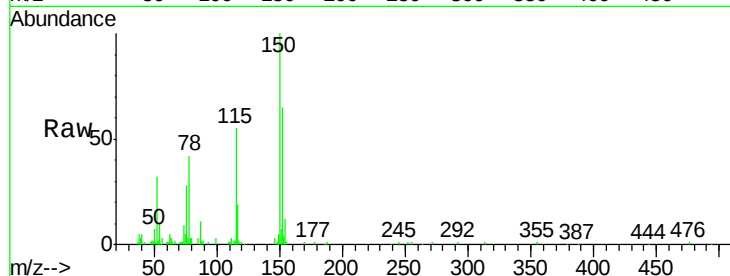
ClientSampleID :

PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	80.5	53.0	79.4

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#5

2-Fluorophenol

Concen: 23.960 ng

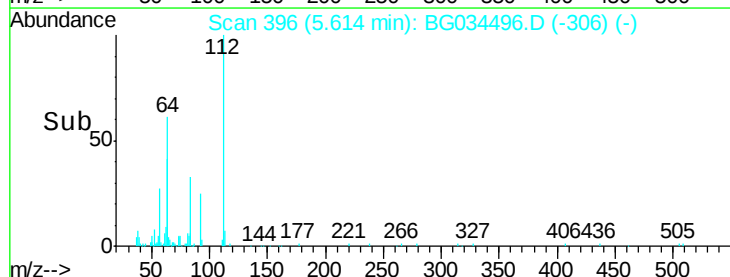
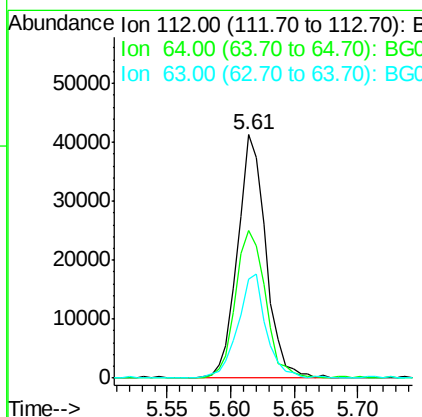
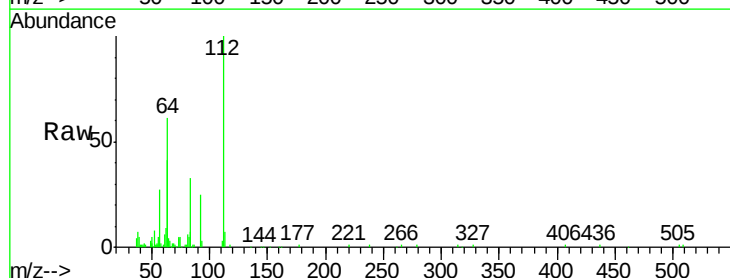
RT: 5.61 min Scan# 396

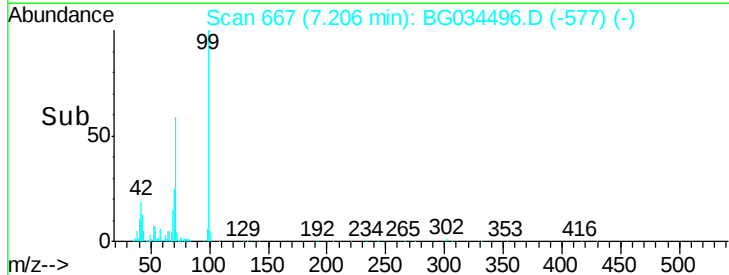
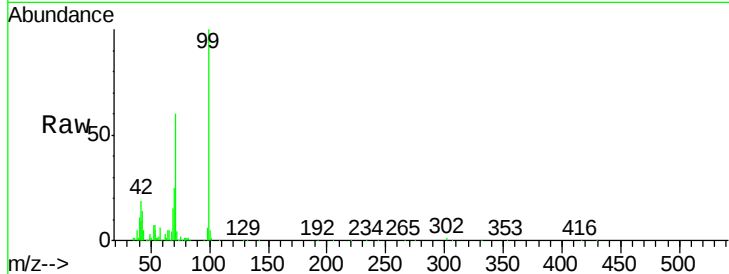
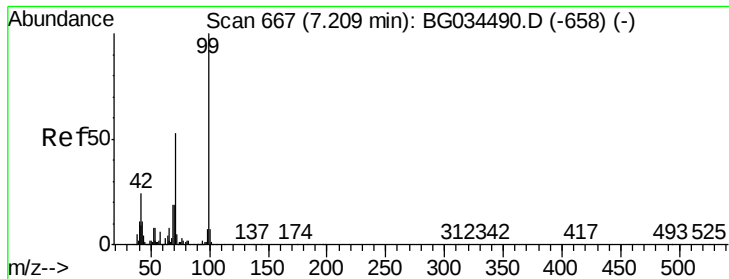
Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	56.3	84.5
63	40.7	30.1	45.1





#7

Phenol-d6

Concen: 23.819 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tot Ion:	99	Resp:	102707
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.1	21.1
71	59.7	26.1	39.1#

Instrument :

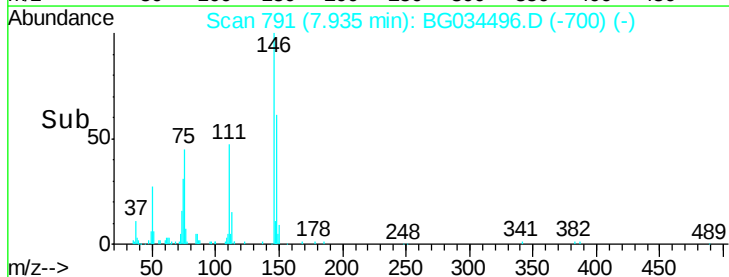
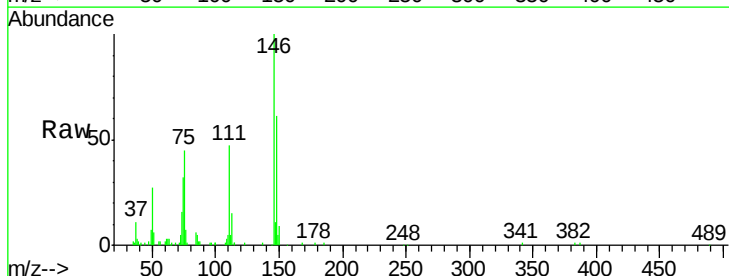
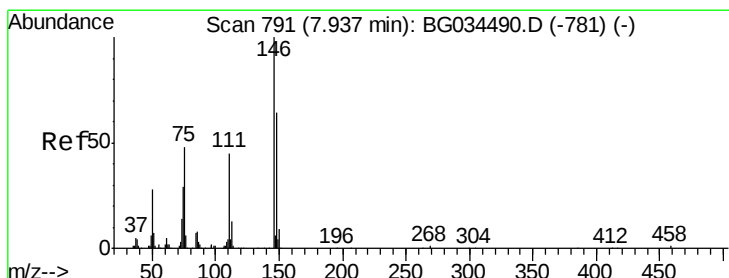
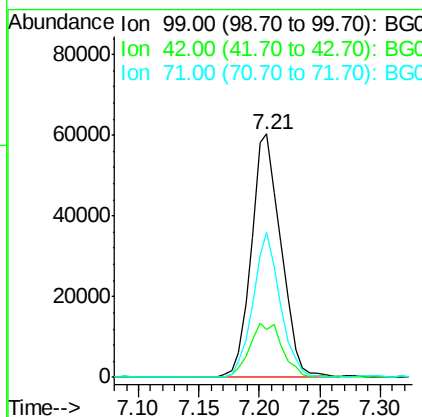
BNA_G

ClientSampleId :

PT-BNA-SoilDL

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#12

1,3-Dichlorobenzene

Concen: 18.137 ng m

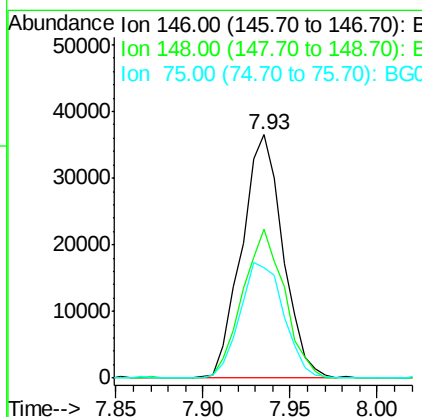
RT: 7.93 min Scan# 791

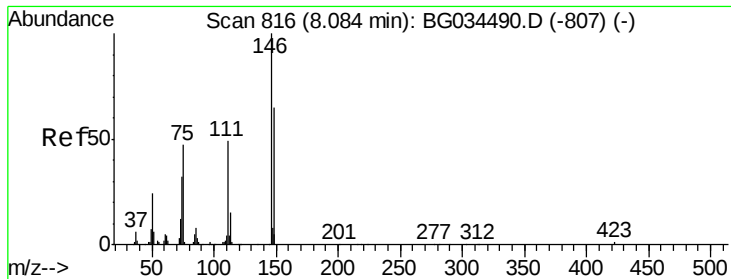
Delta R.T. 0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	146	Resp:	60168
Ion Ratio	Lower	Upper	
146	100		
148	61.2	51.4	77.2
75	45.2	26.6	39.8#





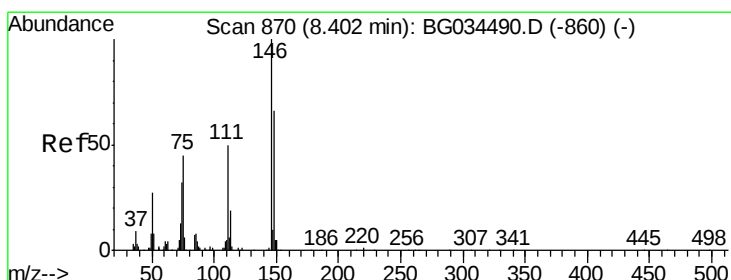
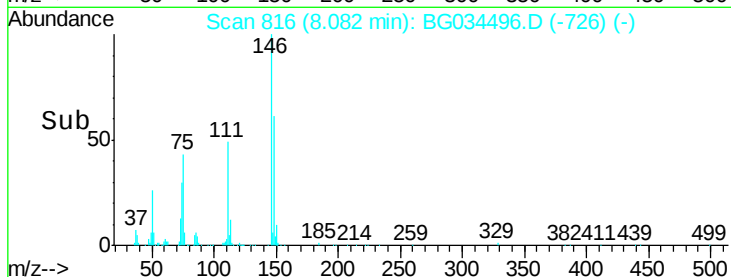
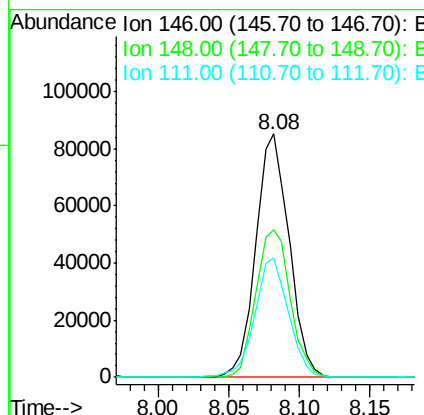
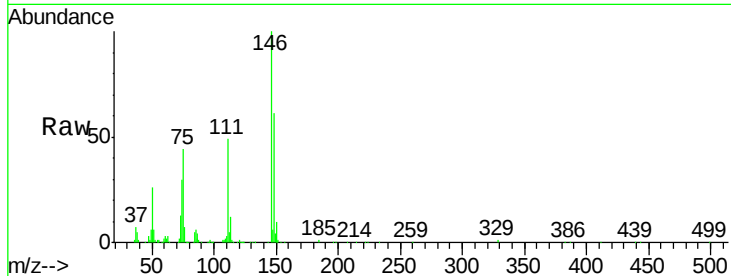
#13
 1,4-Dichlorobenzene
 Concen: 41.737 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	53.7	80.5
111	49.2	35.2	52.8

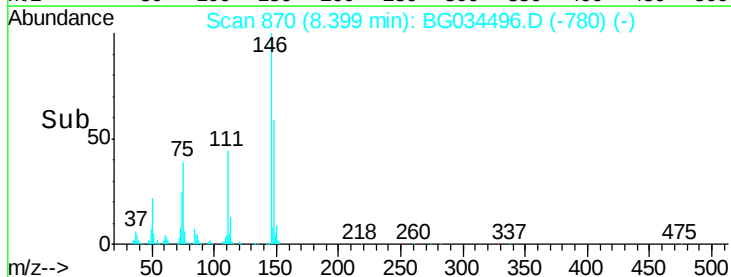
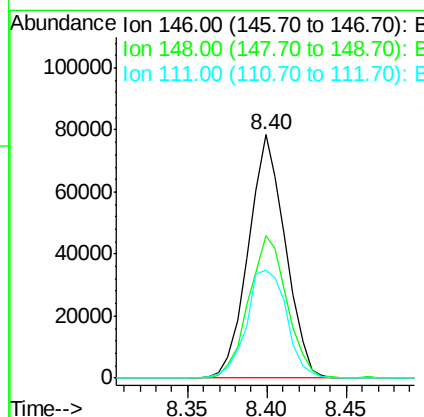
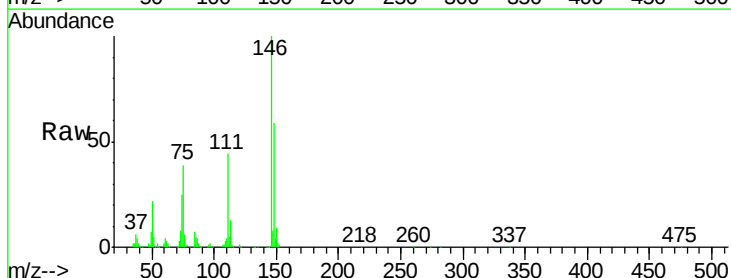
Manual Integrations
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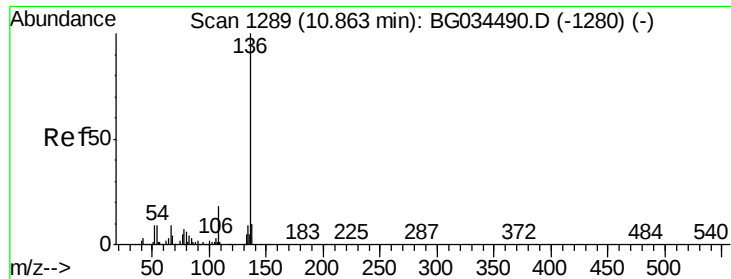
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#14
 1,2-Dichlorobenzene
 Concen: 38.159 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.7	49.3	73.9
111	44.2	34.3	51.5





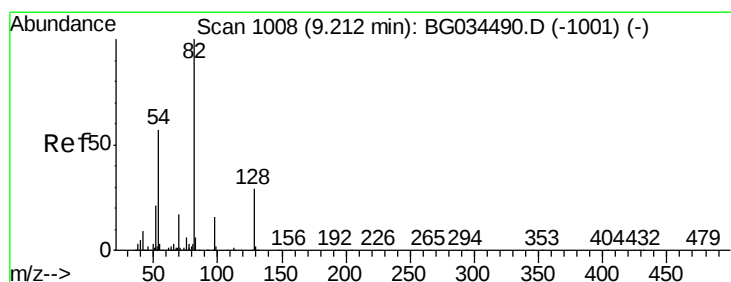
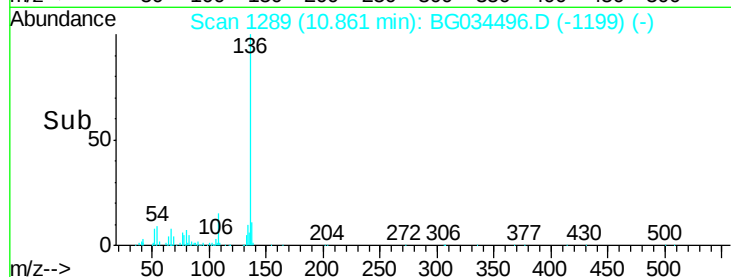
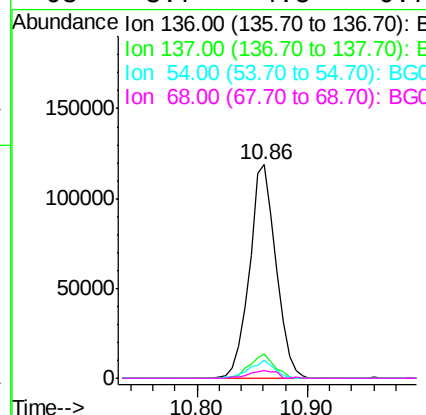
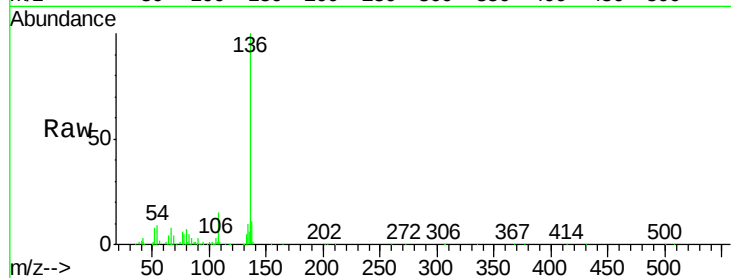
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		199951		
137	11.2	9.2	13.8		
54	8.5	10.3	15.5#		
68	3.7	4.5	6.7#		

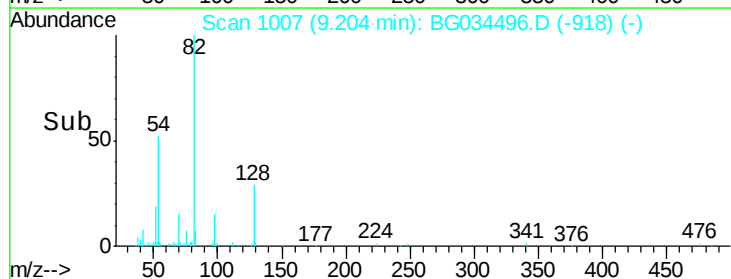
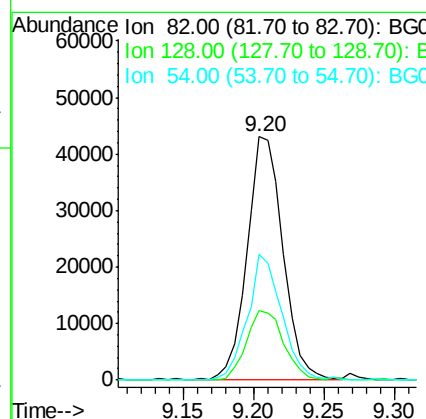
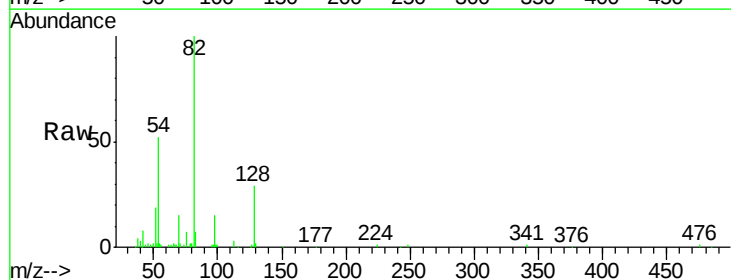
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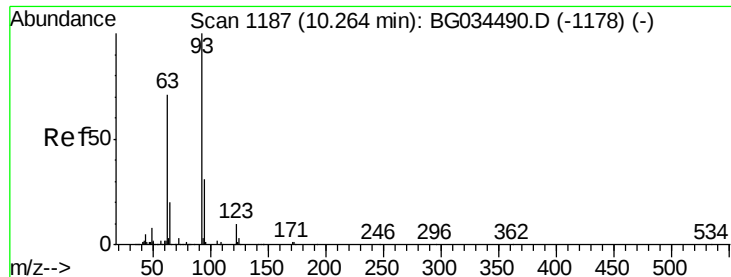
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#23
Nitrobenzene-d5
Concen: 14.680 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		76841		
128	28.5	29.7	44.5#		
54	51.7	43.1	64.7		





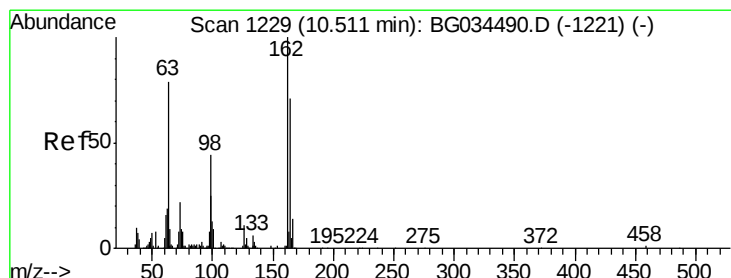
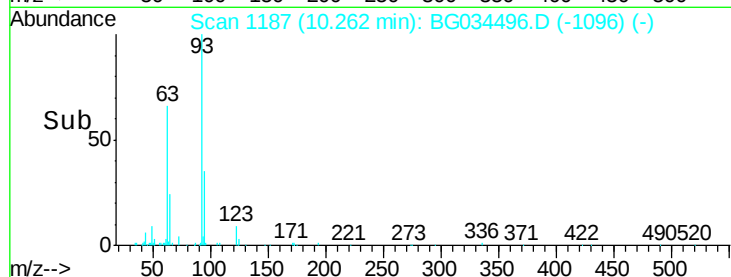
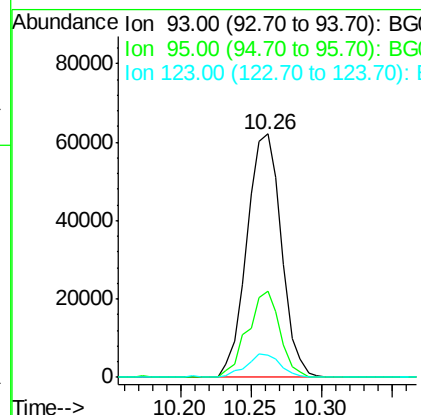
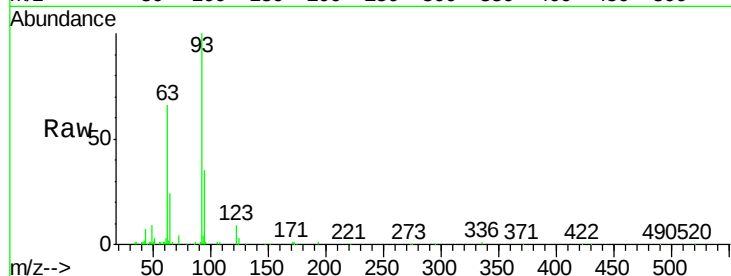
#28
bis(2-Chloroethoxy)methane
Concen: 20.838 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
93	100		
95	35.2	24.3	36.5
123	9.1	8.4	12.6

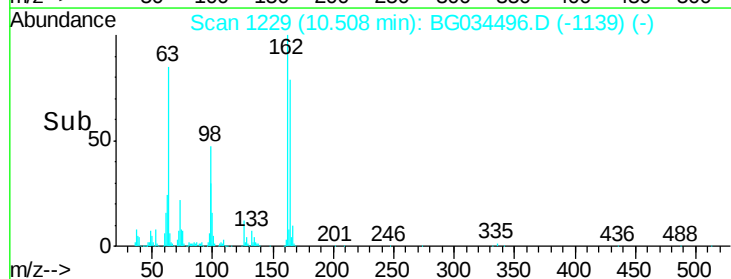
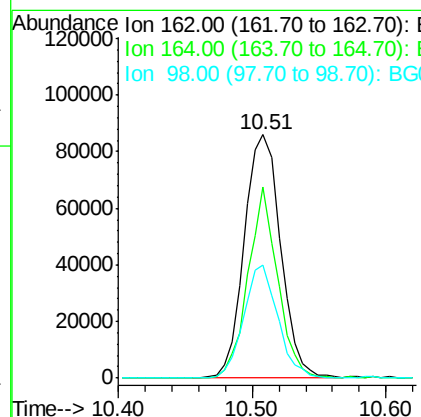
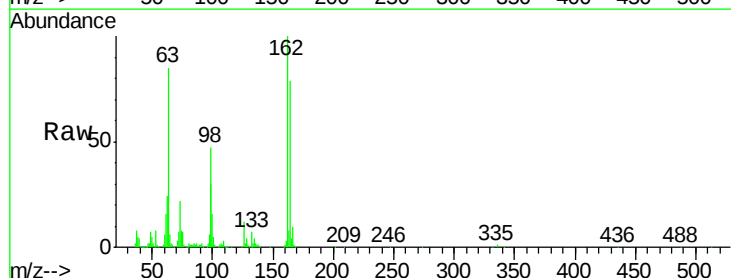
Manual Integrations
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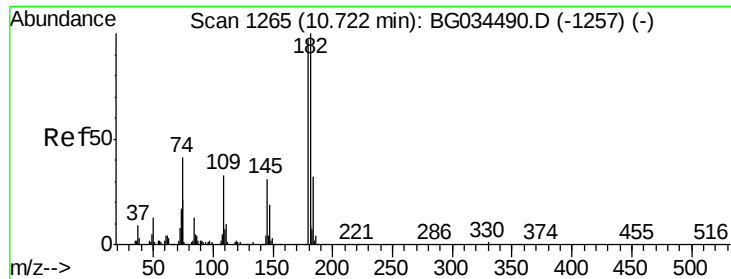
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#29
2,4-Dichlorophenol
Concen: 45.701 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
162	100		
164	78.7	48.0	88.0
98	46.6	21.1	61.1





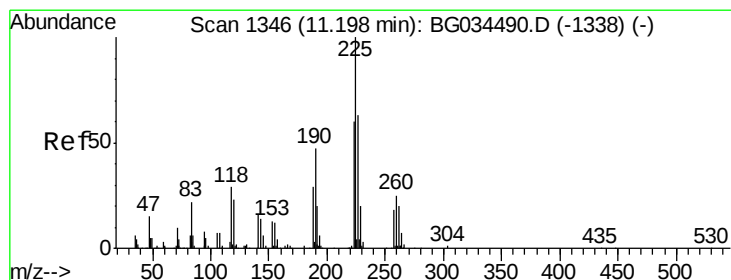
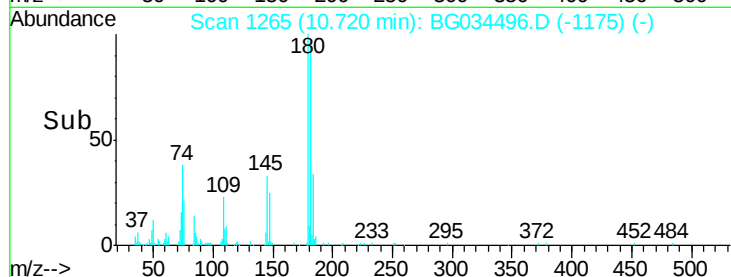
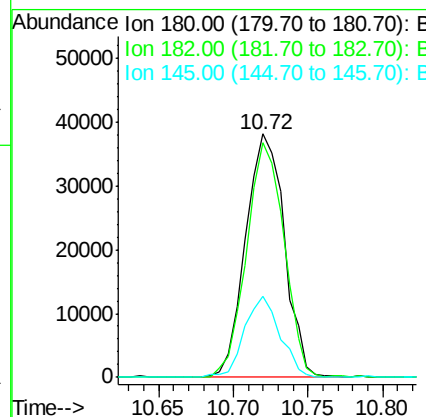
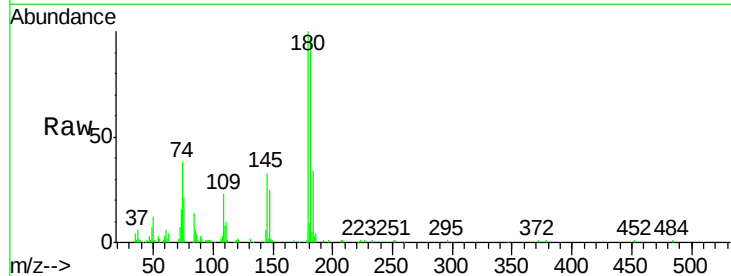
#30
 1,2,4-Trichlorobenzene
 Concen: 16.313 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	33.3	23.4	35.2

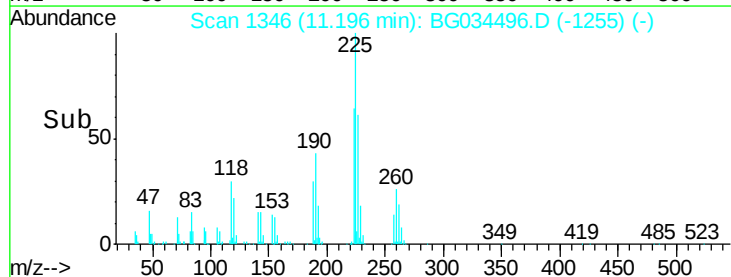
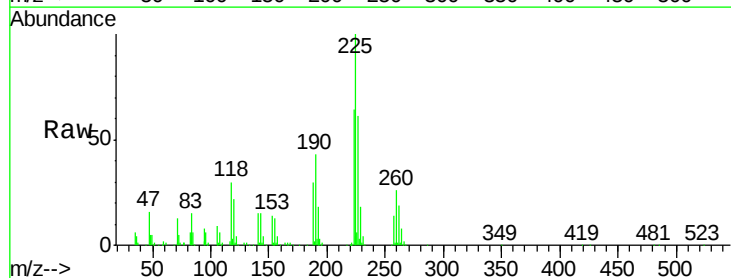
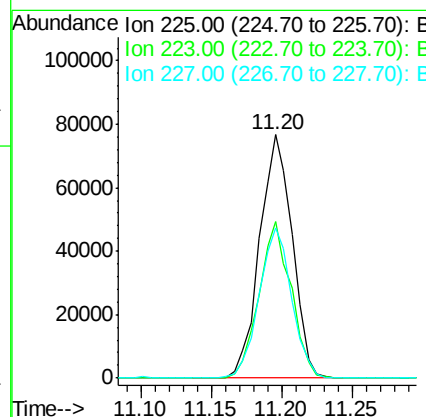
Manual Integrations
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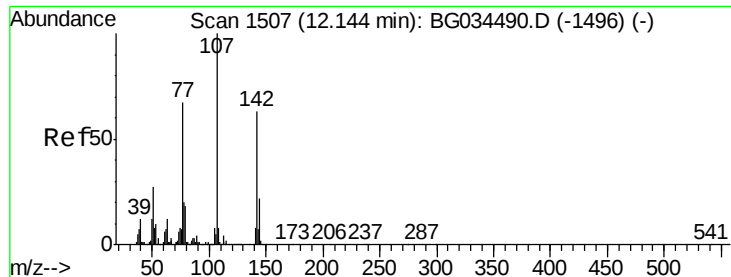
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#34
 Hexachlorobutadiene
 Concen: 37.301 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	61.5	48.1	72.1





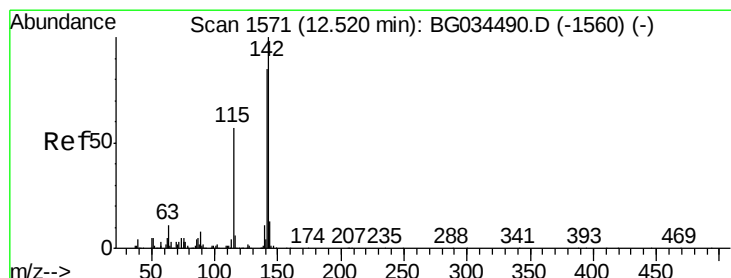
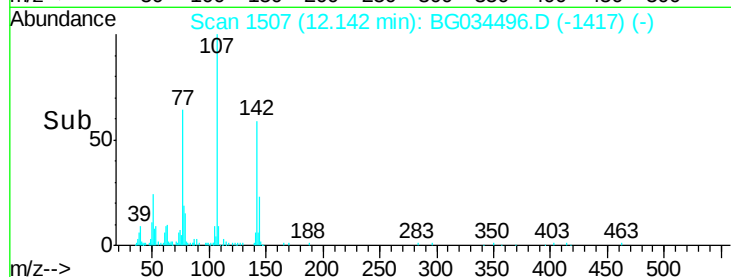
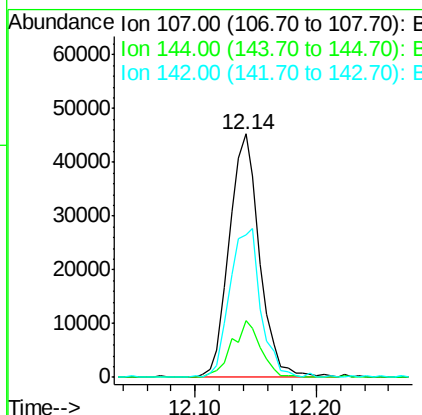
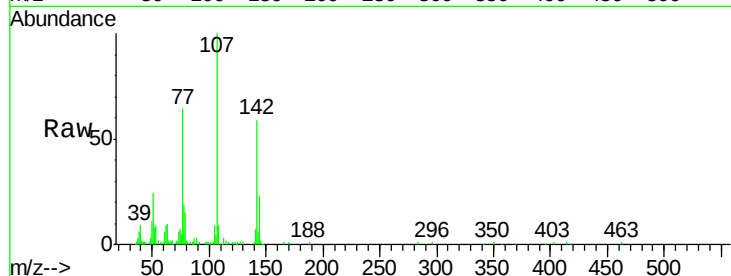
#36
4-Chloro-3-methylphenol
Concen: 16.541 ng
RT: 12.14 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.2	27.4
142	58.7	59.0	88.4#

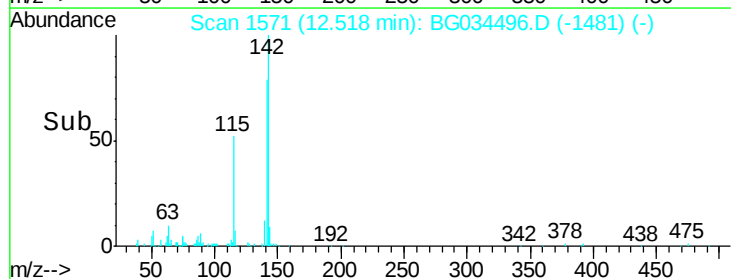
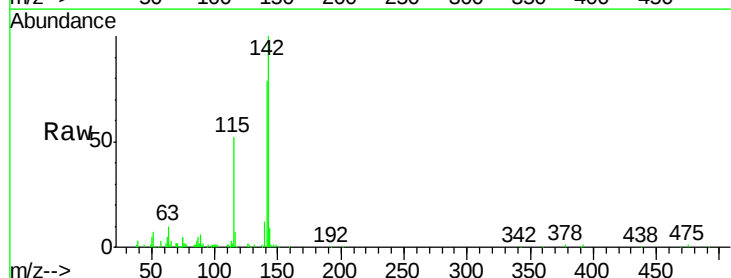
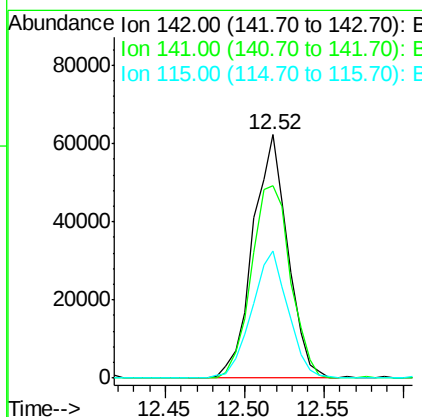
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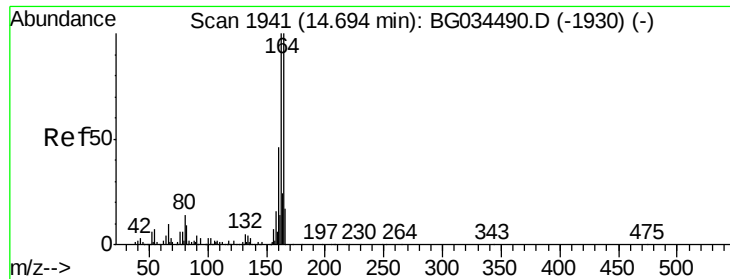
Sohil
5/17/2018 5:04:25 PM



#37
2-Methylnaphthalene
Concen: 11.383 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.9	67.1	100.7
115	52.2	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

Tot Ion:164 Resp: 157060

Ion Ratio Lower Upper

164 100

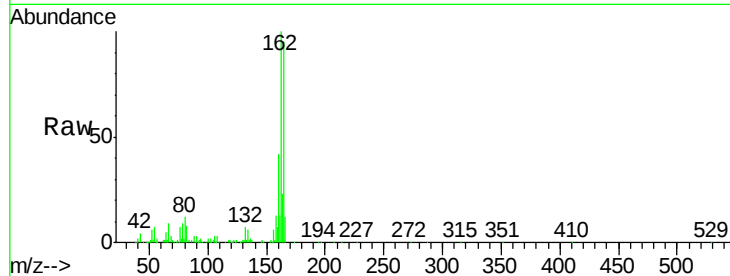
162 104.8 78.8 118.2

160 43.8 35.4 53.0

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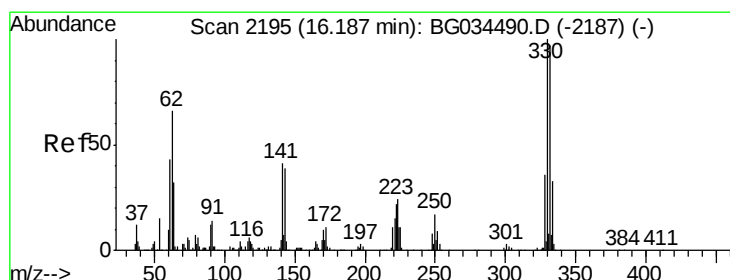
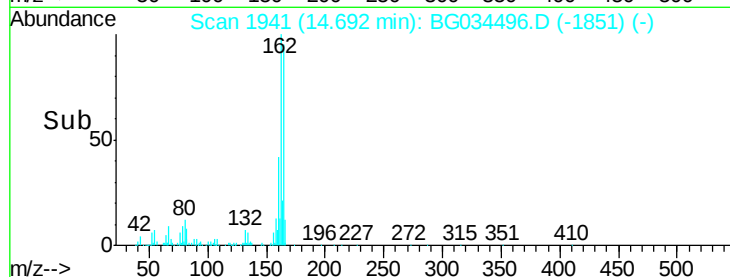
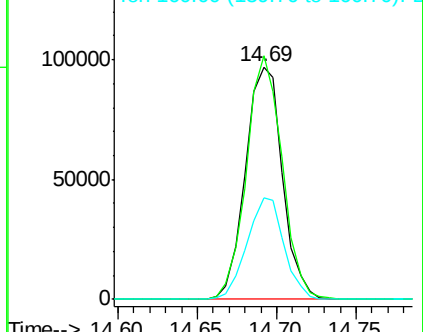
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 23.739 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

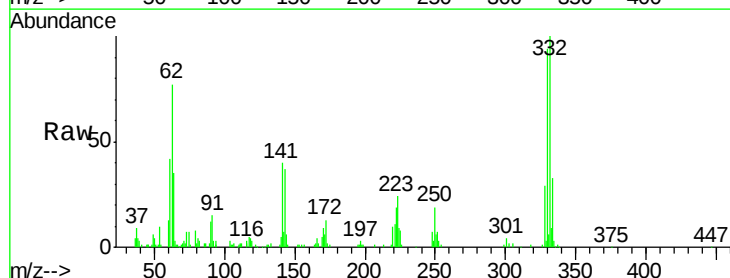
Tgt Ion:330 Resp: 64215

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

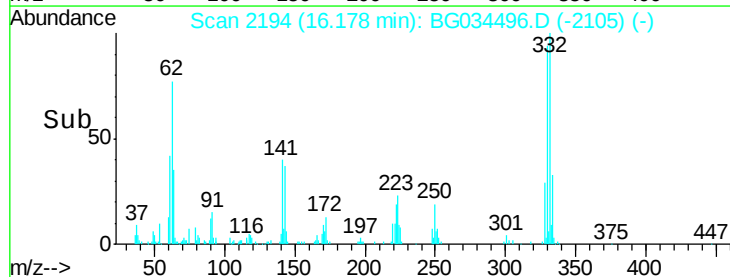
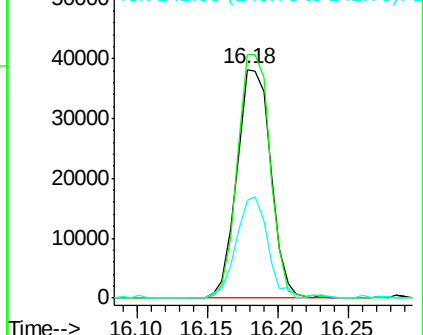
141 40.9 25.2 37.8#

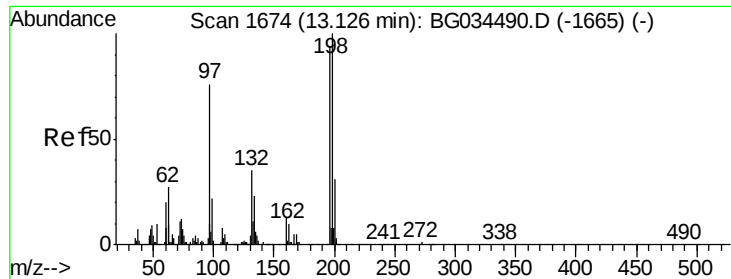


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





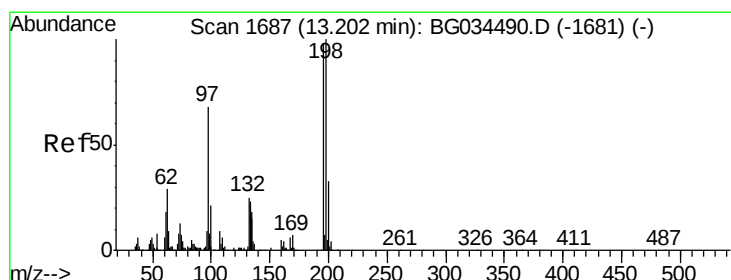
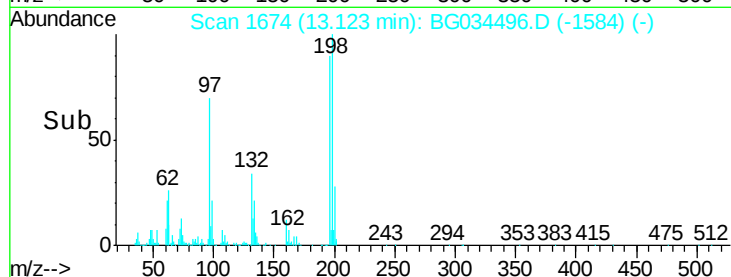
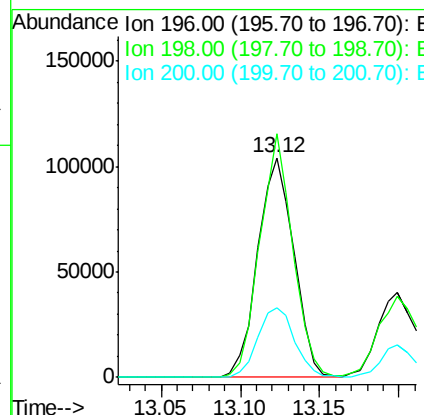
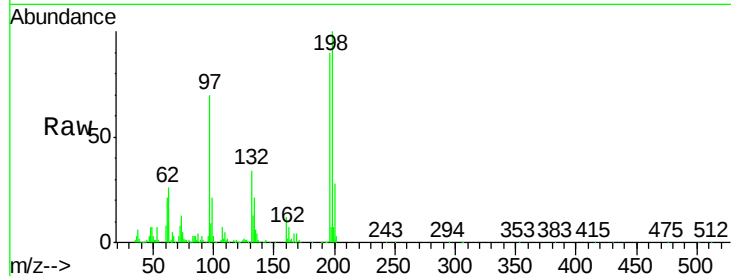
#42
2,4,6-Trichlorophenol
Concen: 45.080 ng
RT: 13.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165539		
198	110.9		78.2	117.2
200	31.4		24.6	36.8

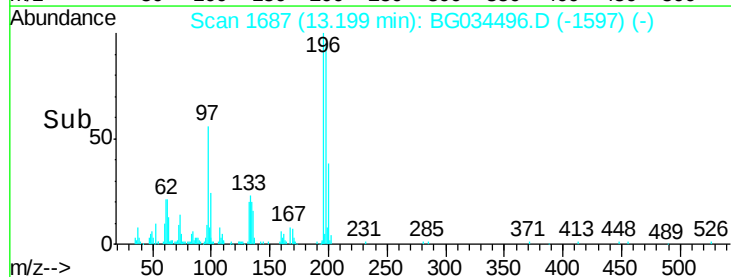
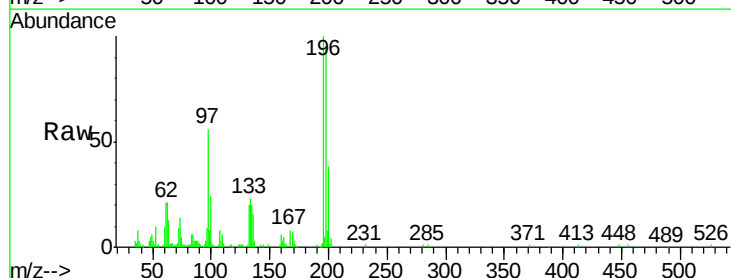
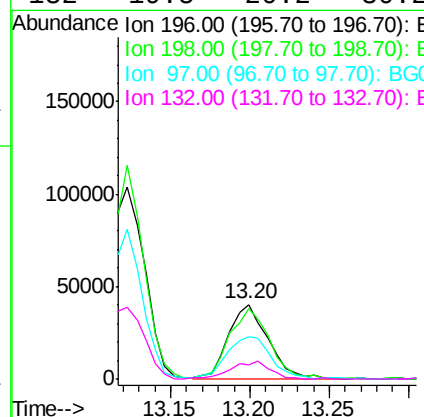
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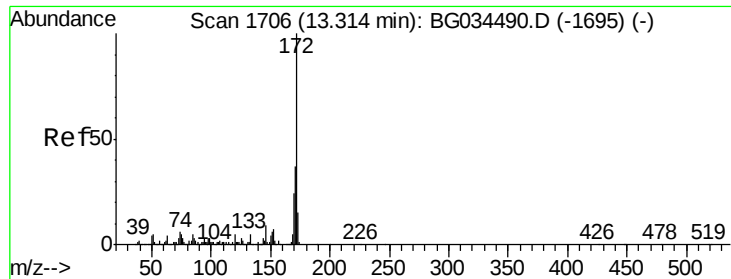
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#43
2,4,5-Trichlorophenol
Concen: 17.391 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70071		
198	94.8		76.2	114.4
97	56.4		38.7	58.1
132	19.5		20.2	30.2#





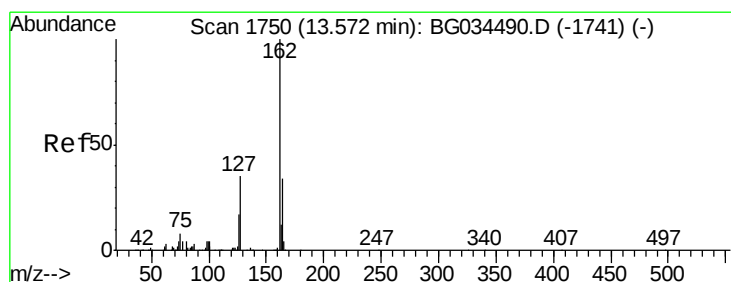
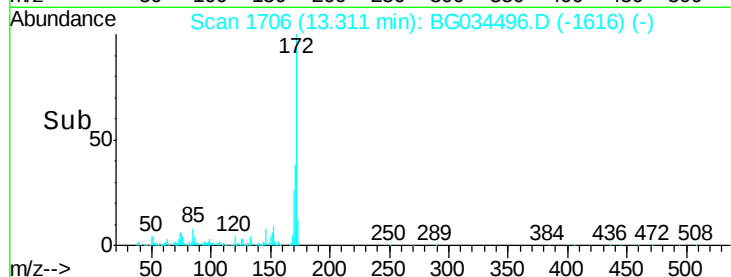
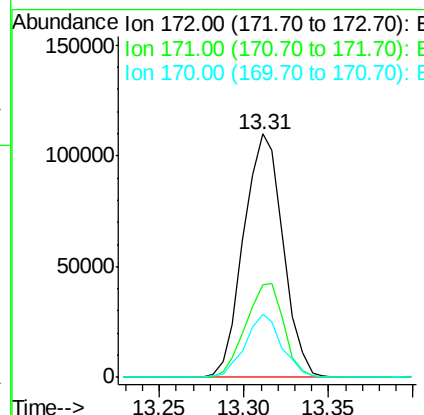
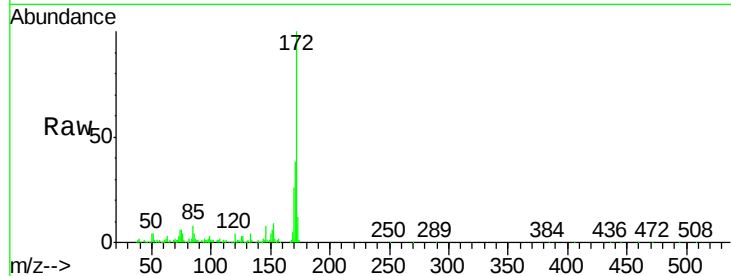
#44
2-Fluorobiphenyl
Concen: 15.379 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleID :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.8	19.5	29.3

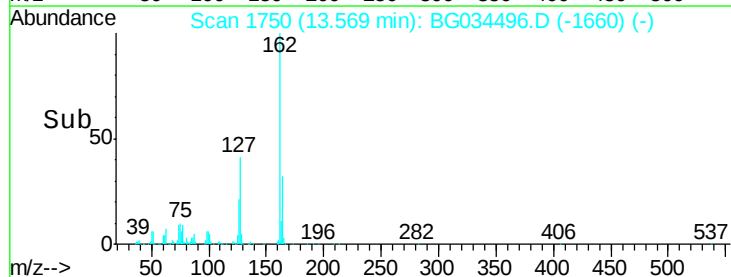
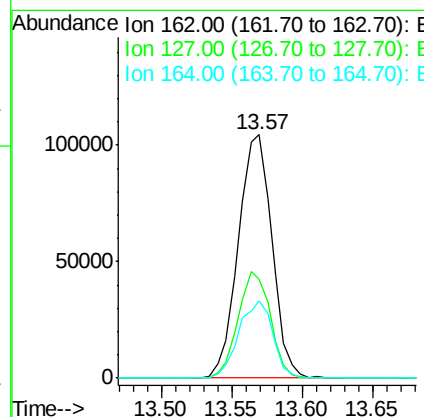
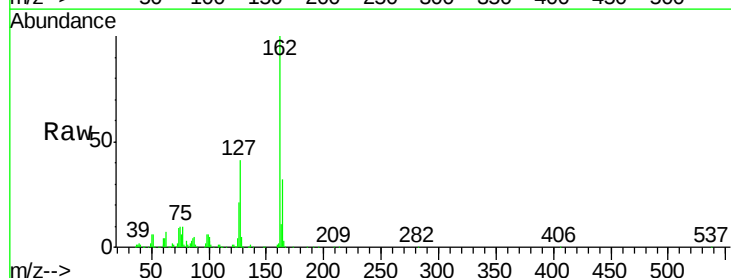
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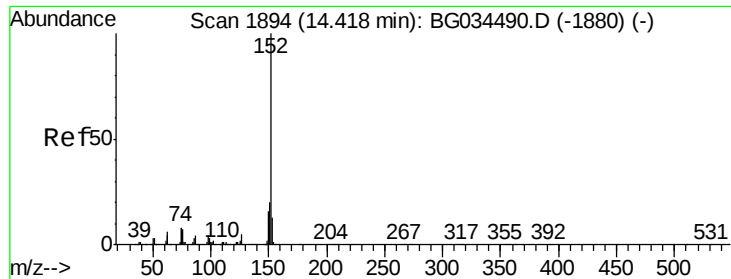
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#46
2-Chloronaphthalene
Concen: 17.861 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	31.8	26.0	39.0





#48

Acenaphthylene

Concen: 26.267 ng

RT: 14.42 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

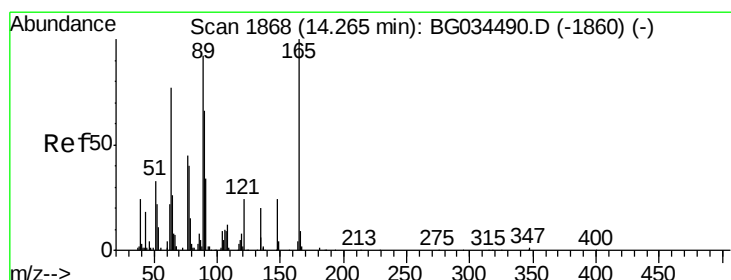
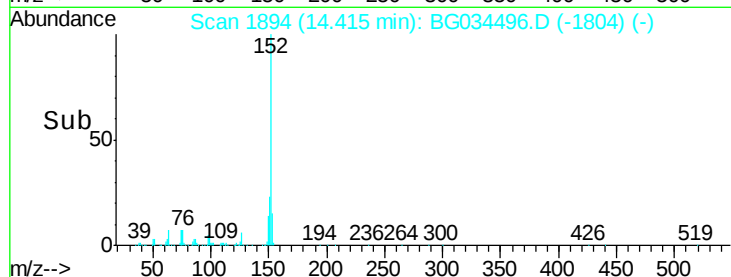
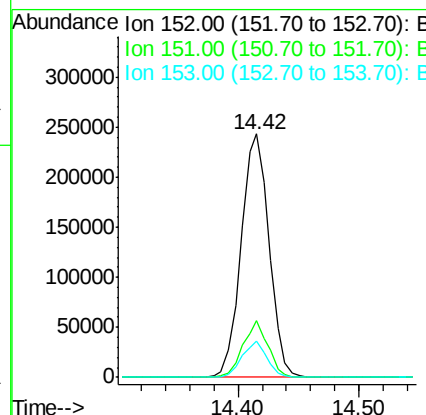
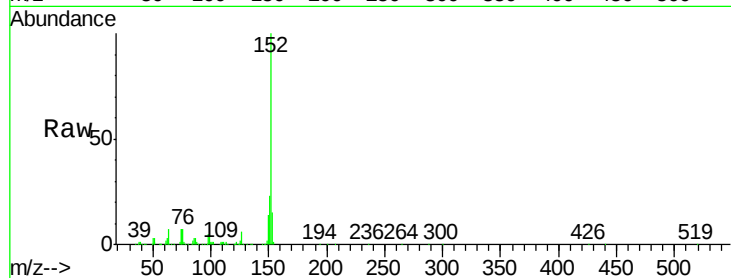
ClientSampleId :

PT-BNA-SoilDL

Tot Ion:	152	Resp:	391409
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.2	25.8
153	14.8	10.2	15.4

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#50

2,6-Dinitrotoluene

Concen: 51.499 ng

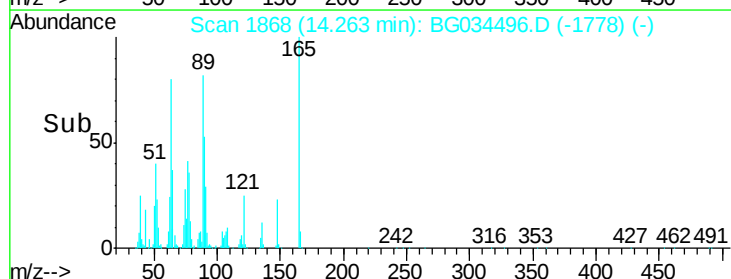
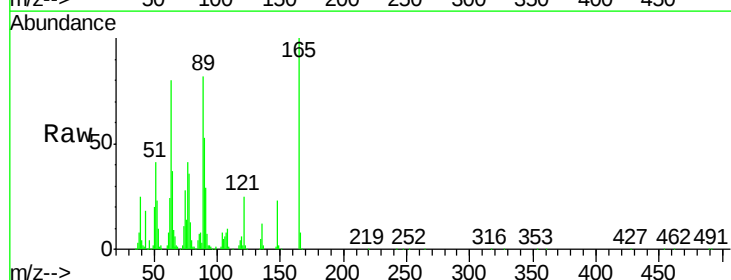
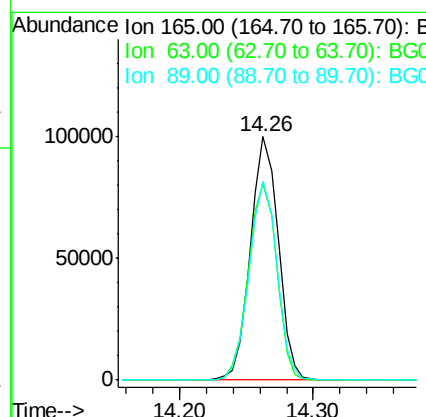
RT: 14.26 min Scan# 1868

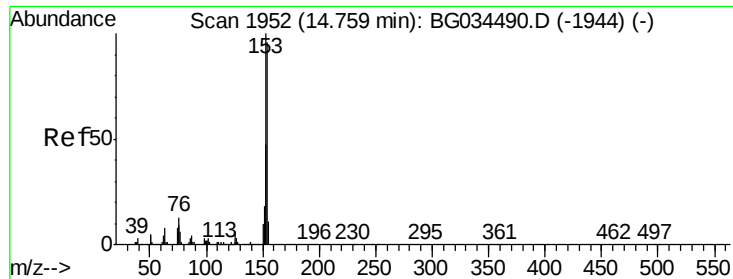
Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	165	Resp:	143171
Ion Ratio	Lower	Upper	
165	100		
63	80.5	52.7	79.1#
89	81.7	49.2	73.8#





#51

Acenaphthene

Concen: 20.015 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

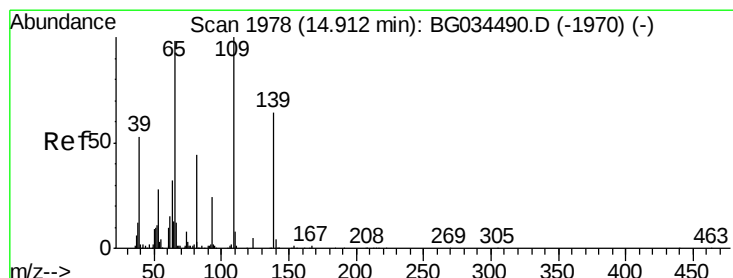
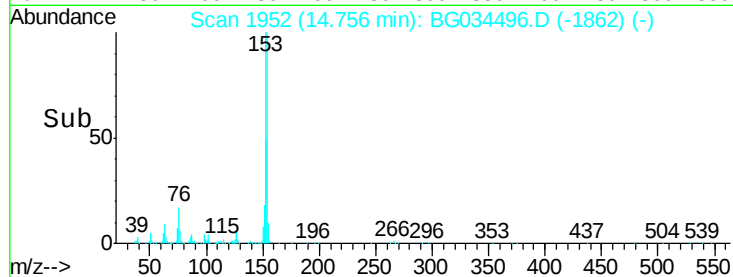
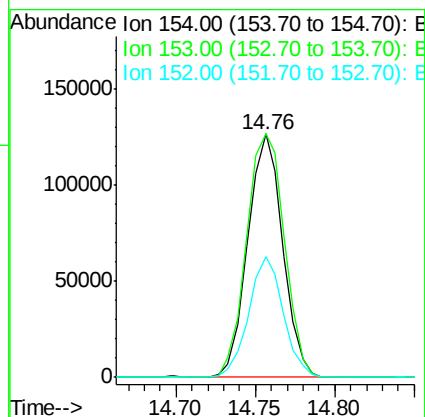
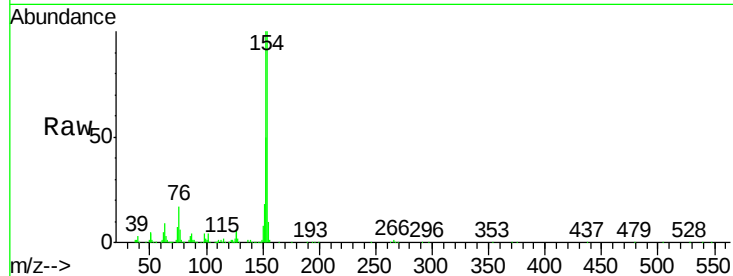
ClientSampleId :

PT-BNA-SoilDL

Tot Ion:	154	Resp:	193351
Ion Ratio	Lower	Upper	
154	100		
153	100.0	90.4	135.6
152	49.6	41.6	62.4

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#55

4-Nitrophenol

Concen: 31.878 ng

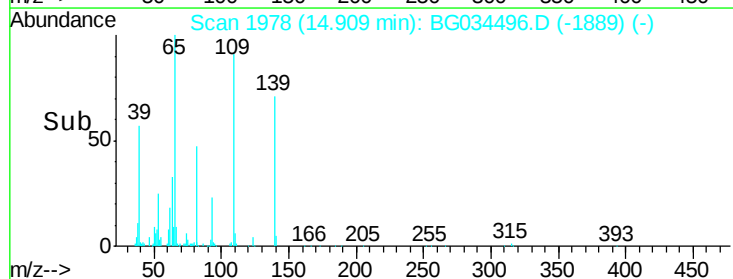
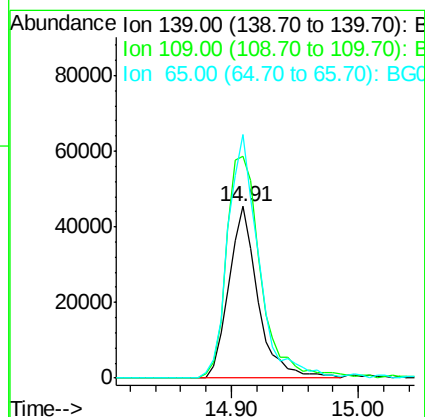
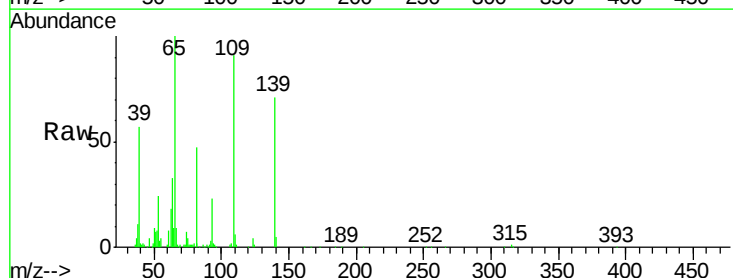
RT: 14.91 min Scan# 1978

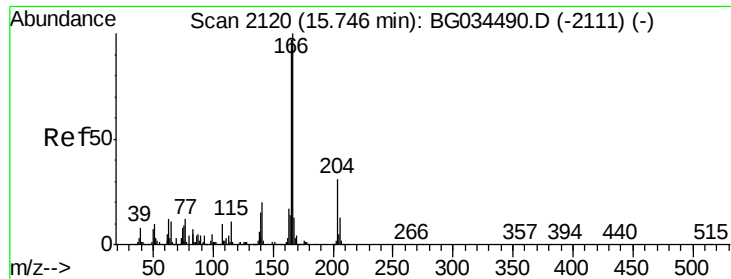
Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	139	Resp:	71979
Ion Ratio	Lower	Upper	
139	100		
109	129.0	62.2	102.2#
65	141.7	97.2	137.2#





#57

Fluorene

Concen: 22.441 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

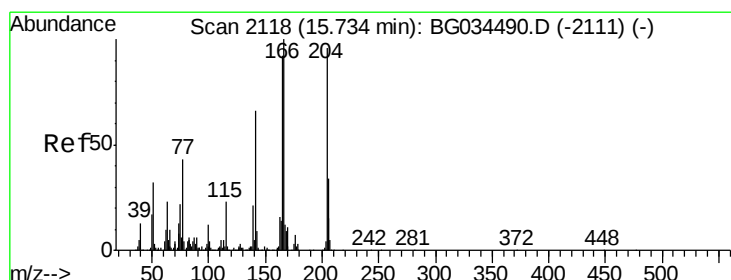
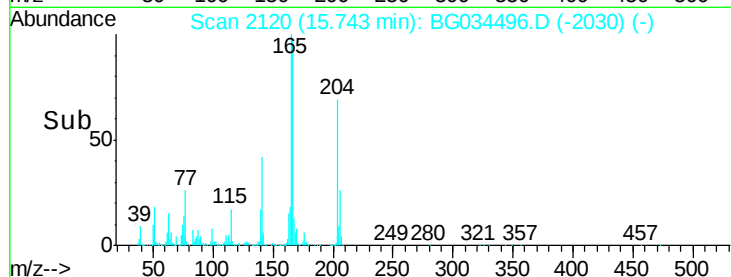
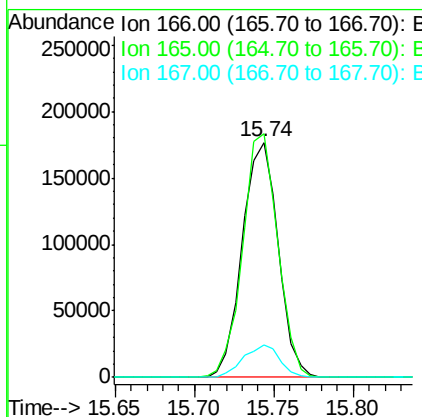
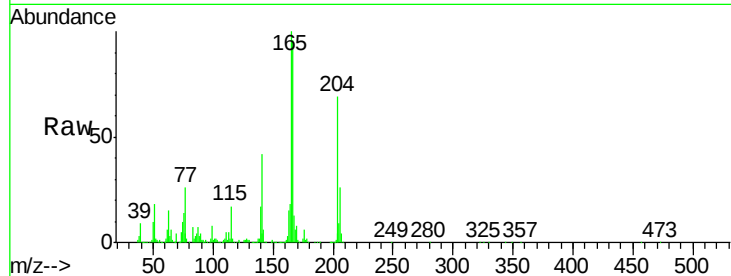
ClientSampleId :

PT-BNA-SoilDL

Tot Ion:	166	Resp:	277538
Ion Ratio		Lower	Upper
166	100		
165	103.7	80.6	121.0
167	13.7	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 40.718 ng

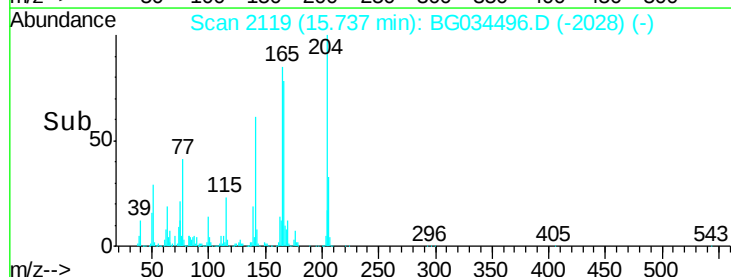
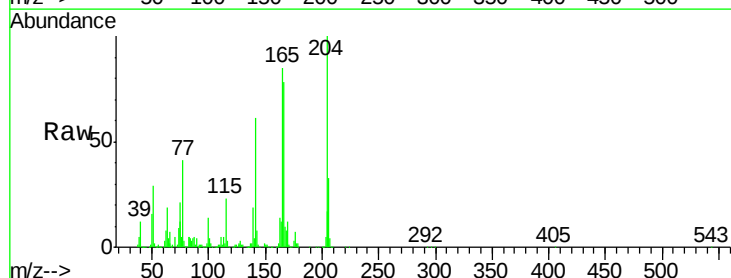
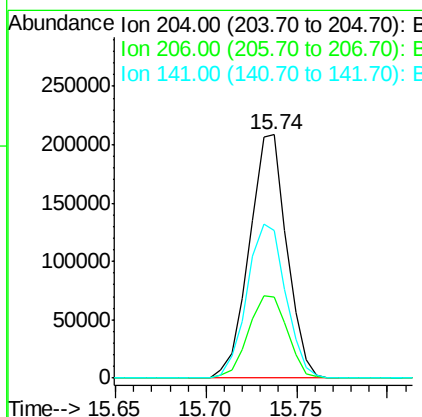
RT: 15.74 min Scan# 2119

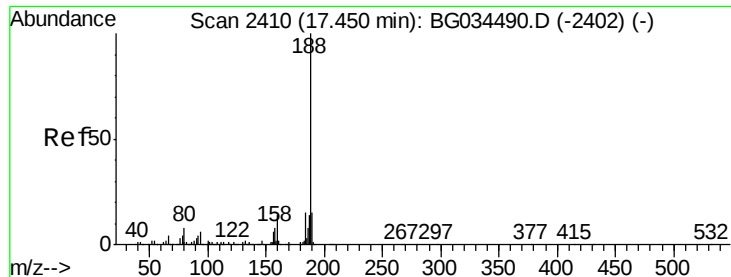
Delta R.T. 0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	204	Resp:	299043
Ion Ratio		Lower	Upper
204	100		
206	33.2	26.2	39.2
141	60.6	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: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

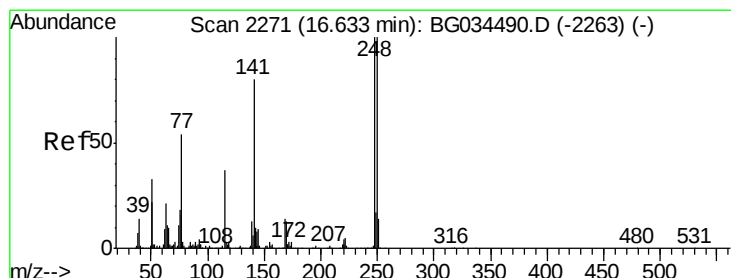
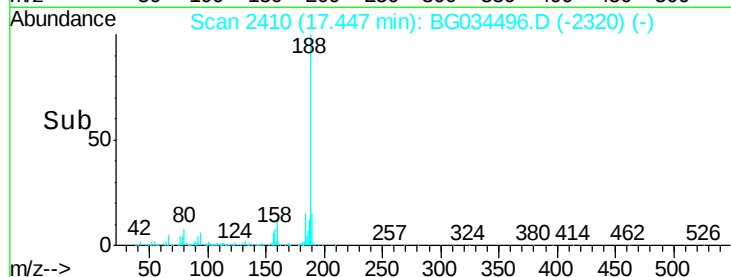
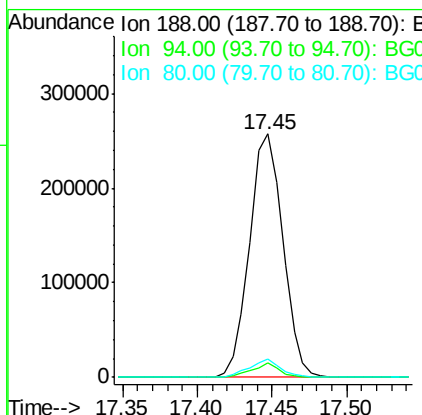
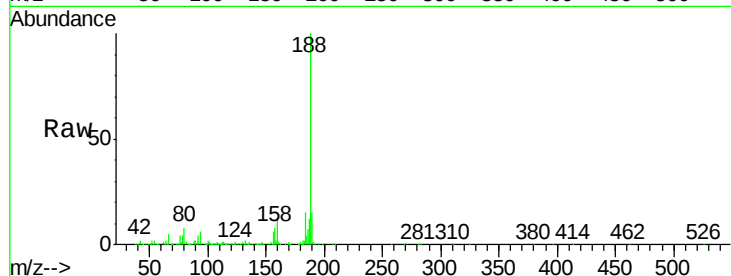
ClientSampleId :

PT-BNA-SoilDL

Tot Ion:	188	Resp:	397474
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.9	10.3#
80	7.7	7.7	11.5#

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#66

4-Bromophenyl-phenylether

Concen: 38.111 ng

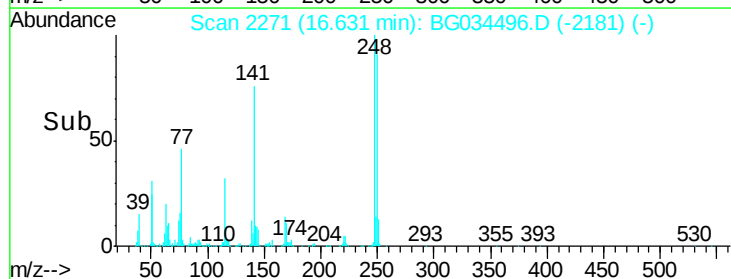
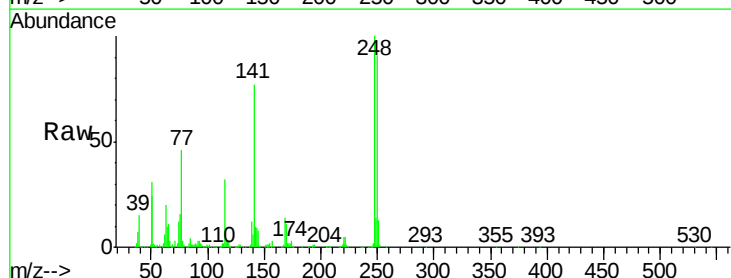
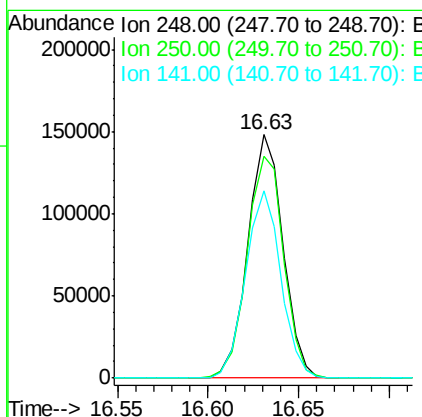
RT: 16.63 min Scan# 2271

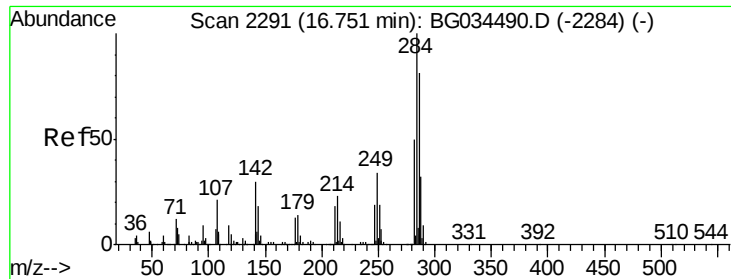
Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	248	Resp:	199357
Ion Ratio	Lower	Upper	
248	100		
250	91.1	77.1	115.7
141	76.7	50.8	76.2#





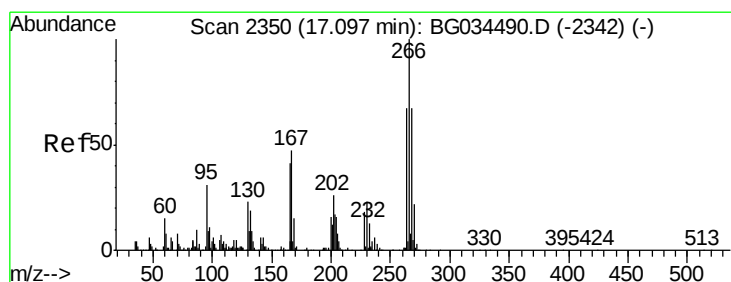
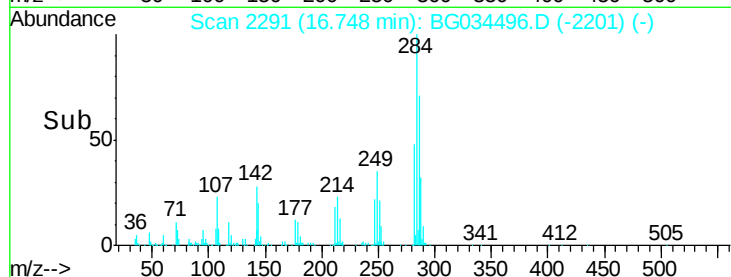
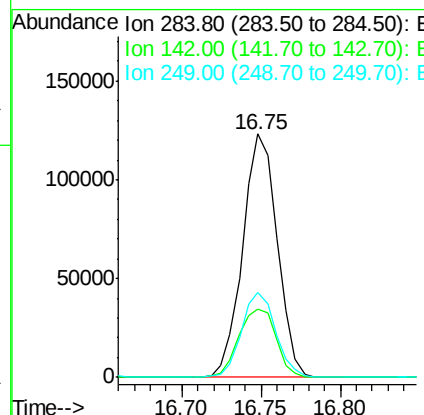
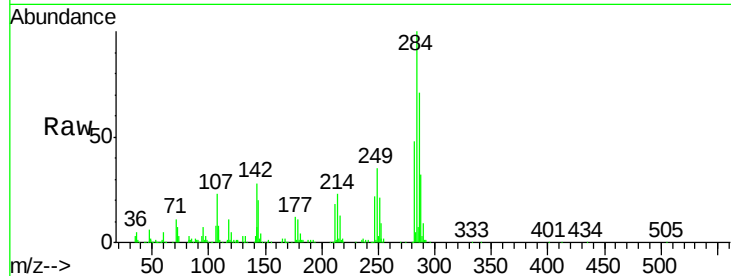
#67
Hexachlorobenzene
Concen: 32.203 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	28.2	26.8	40.2
249	34.9	26.3	39.5

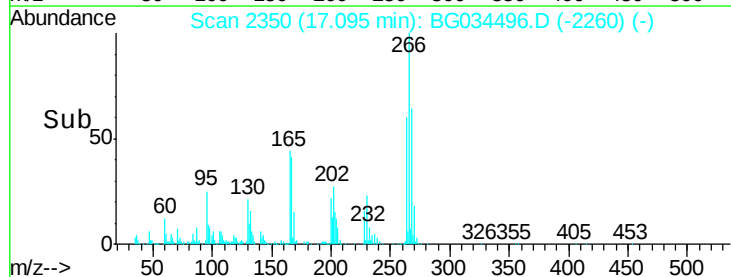
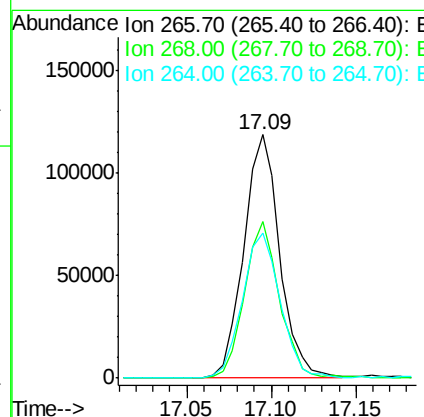
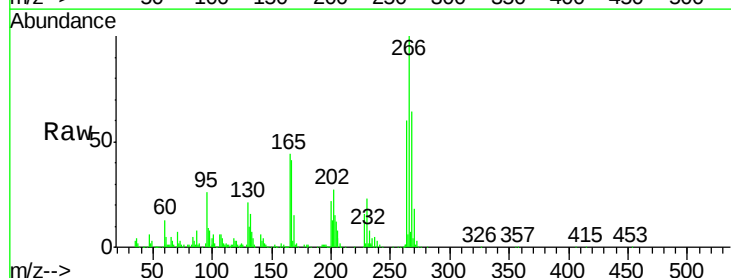
Manual Integrations
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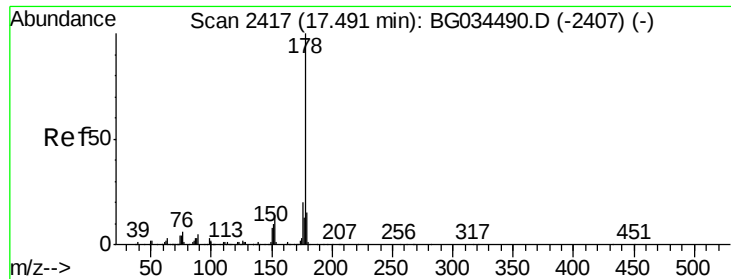
Sohil
5/17/2018 5:04:25 PM



#69
Pentachlorophenol
Concen: 50.349 ng
RT: 17.09 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.1	76.7
264	59.8	49.6	74.4





#70

Phenanthrene

Concen: 25.509 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

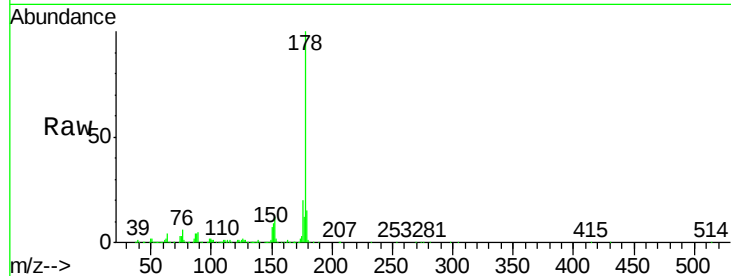
ClientSampleID :

PT-BNA-SoilDL

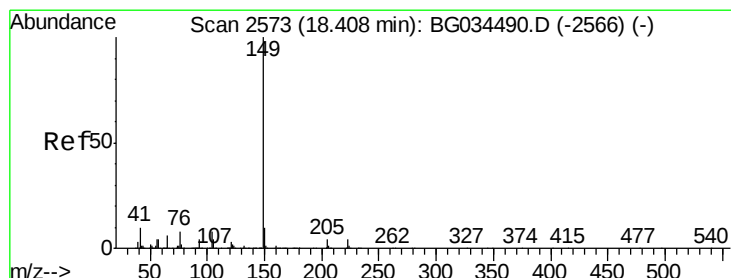
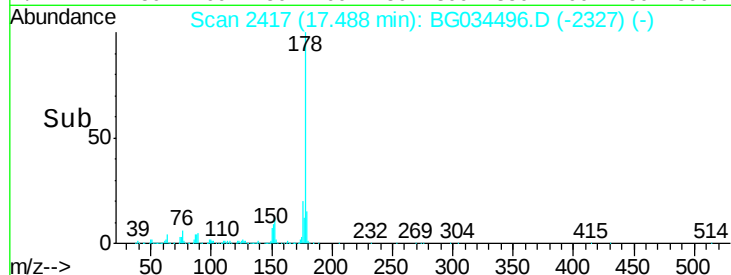
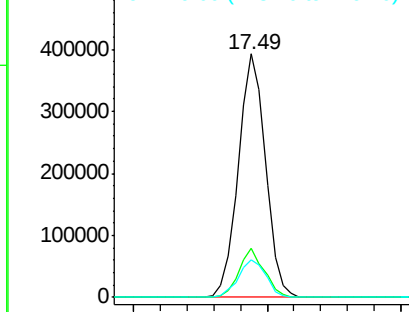
Tot Ion:	178	Resp:	552230
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.7	23.5
179	15.2	12.5	18.7

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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: 33.570 ng

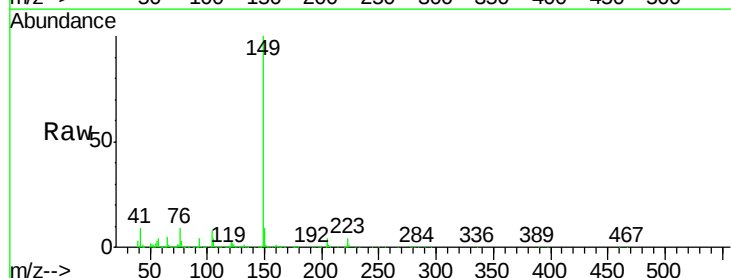
RT: 18.40 min Scan# 2573

Delta R.T. -0.00 min

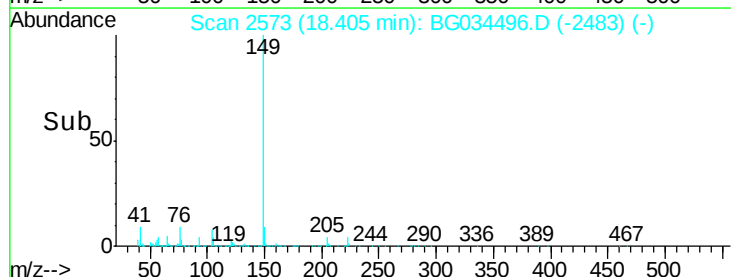
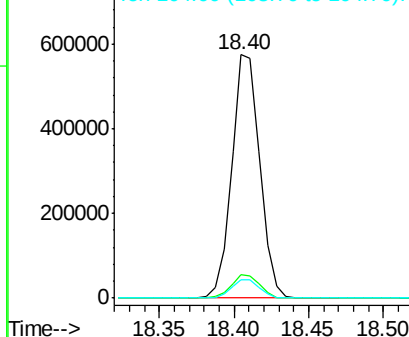
Lab File: BG034496.D

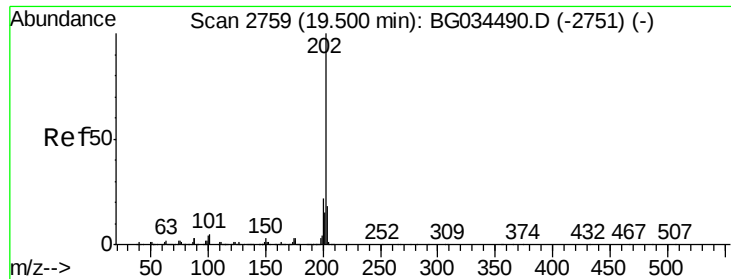
Acq: 16 May 2018 20:00

Tgt Ion:	149	Resp:	754525
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	7.7	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: 20.427 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

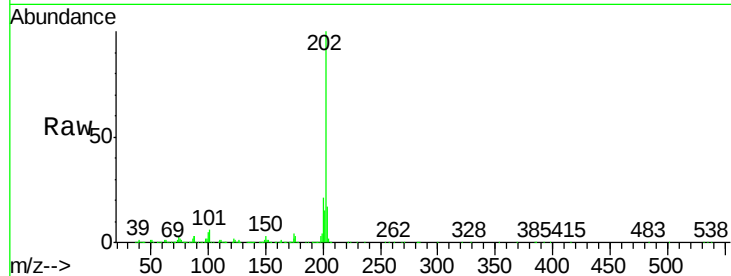
ClientSampleId :

PT-BNA-SoilDL

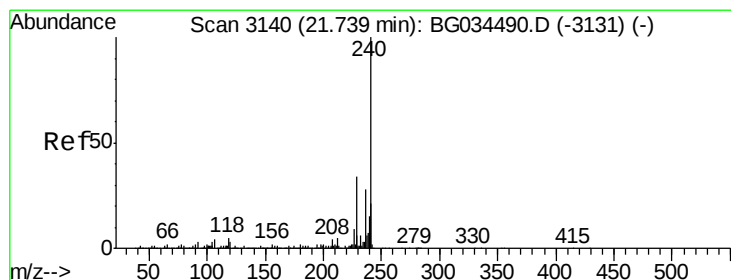
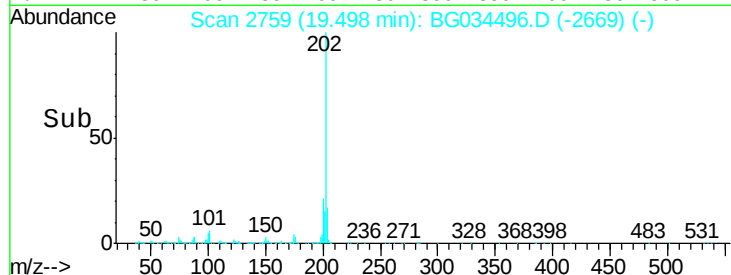
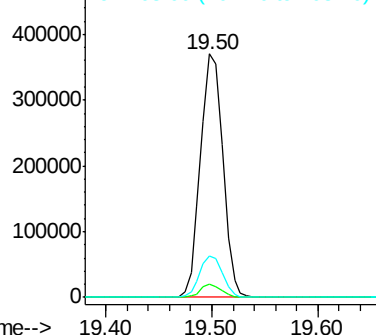
Tot Ion:	202	Resp:	543474
Ion Ratio		Lower	Upper
202	100		
101	5.5	0.0	28.9
203	16.9	0.0	37.5

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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

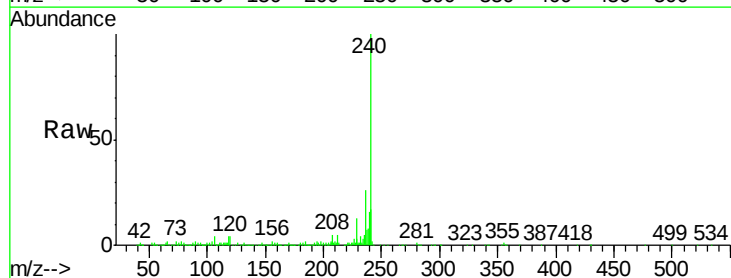
RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

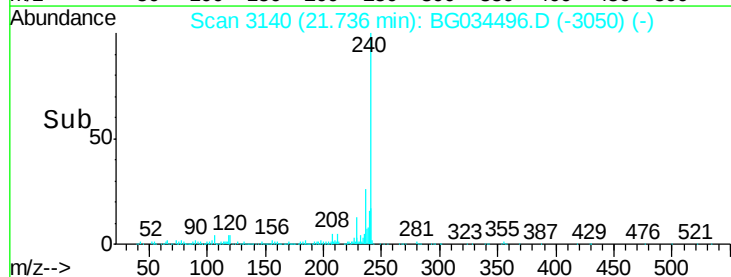
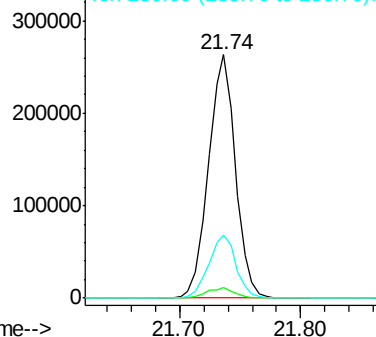
Lab File: BG034496.D

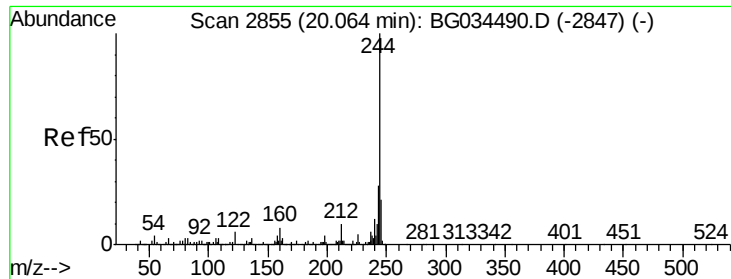
Acq: 16 May 2018 20:00

Tgt Ion:	240	Resp:	408240
Ion Ratio		Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.9	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





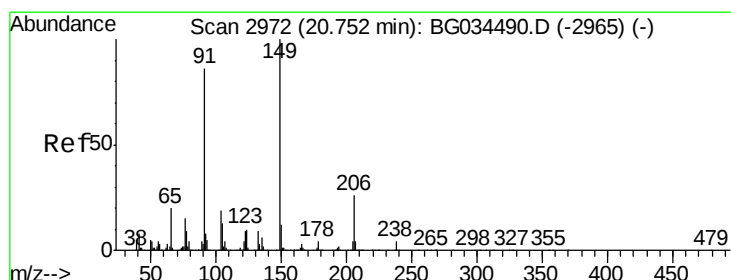
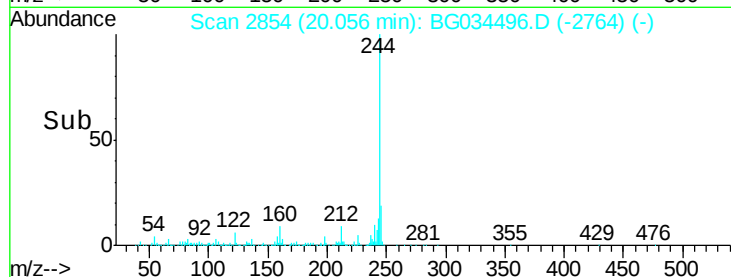
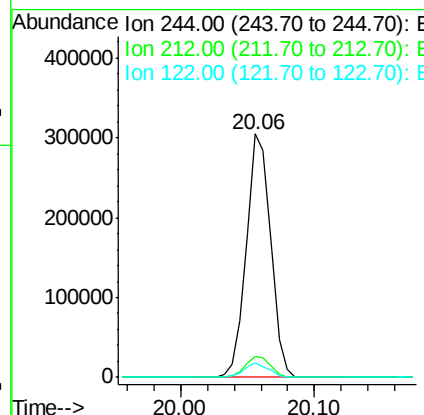
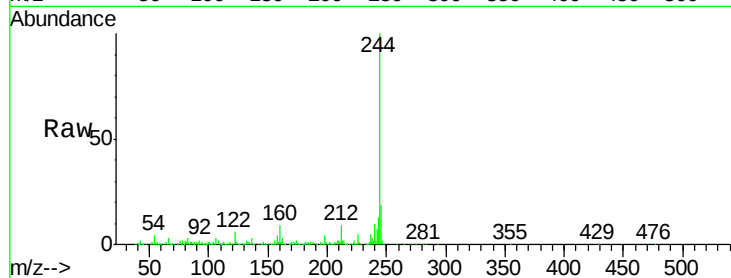
#78
 Terphenyl-d14
 Concen: 20.473 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.1	7.0	10.4

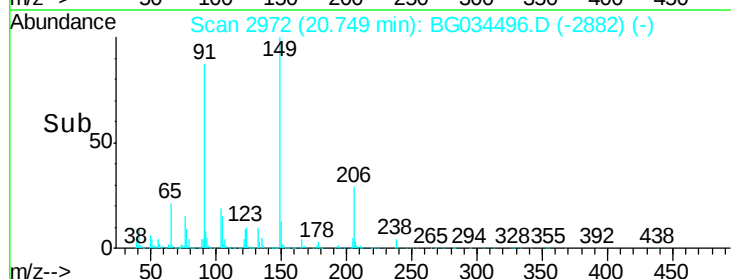
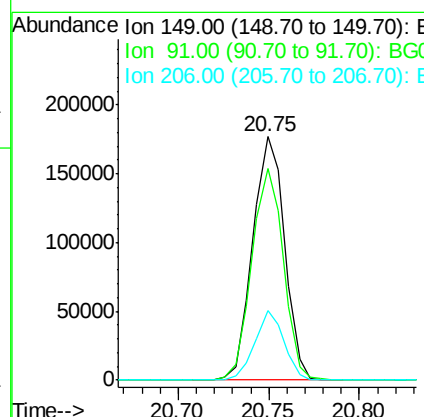
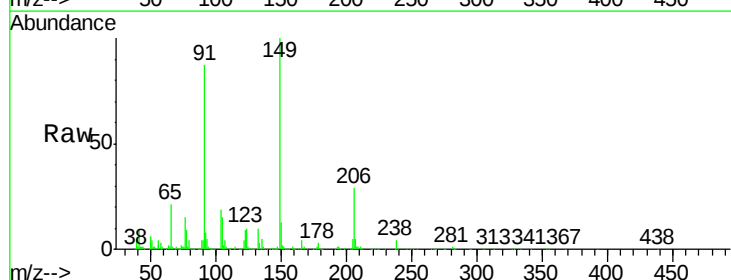
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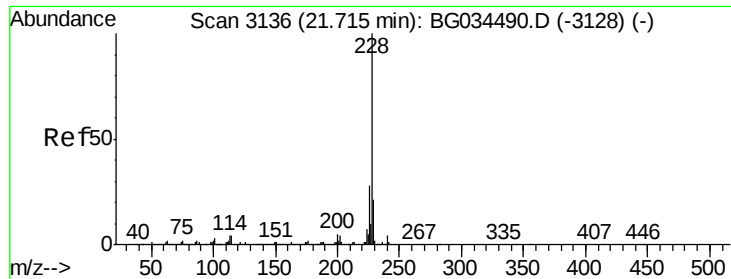
Sohil
 5/17/2018 5:04:25 PM



#79
 Butylbenzylphthalate
 Concen: 21.945 ng
 RT: 20.75 min Scan# 2972
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	87.1	62.2	93.2
206	28.8	18.6	27.8





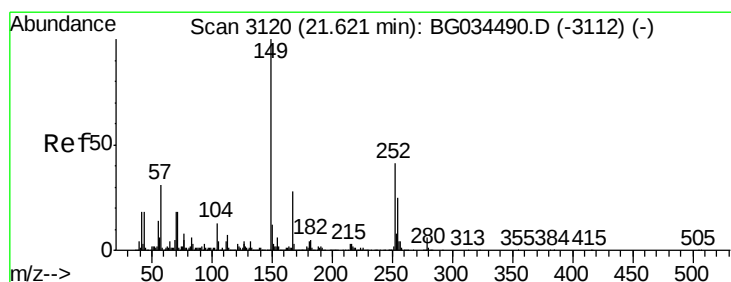
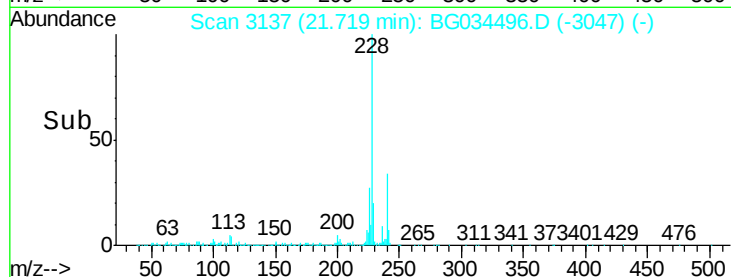
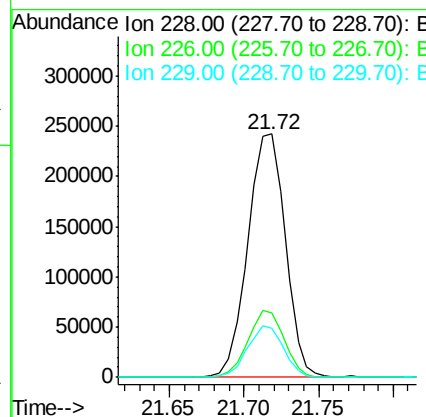
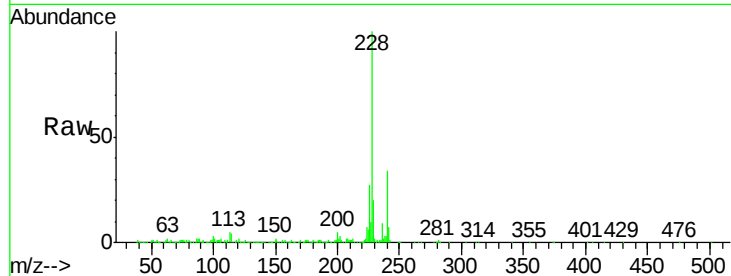
#80
Benzo(a)anthracene
Concen: 15.892 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	26.6	22.7	34.1		
229	19.9	16.2	24.2		

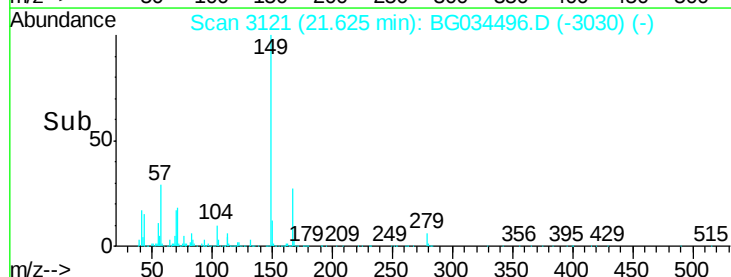
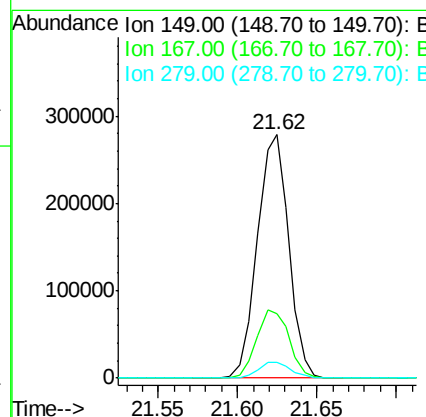
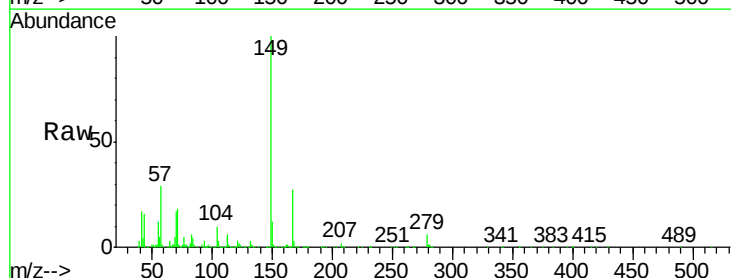
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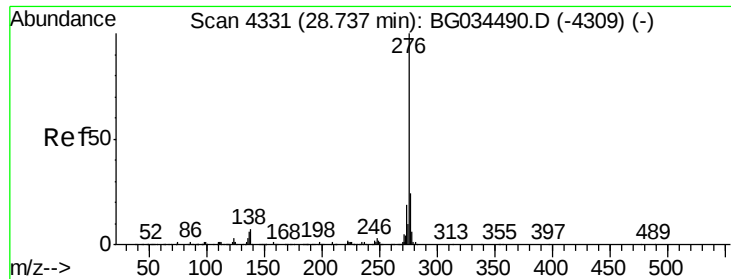
Sohil
5/17/2018 5:04:25 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 28.756 ng
RT: 21.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	26.7	24.3	36.5		
279	6.5	4.0	6.0		





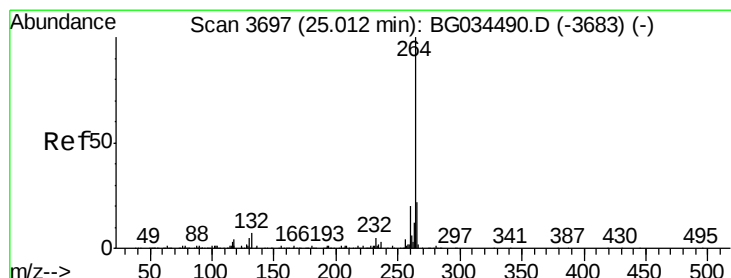
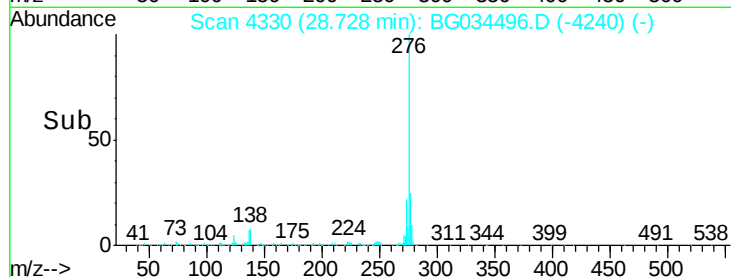
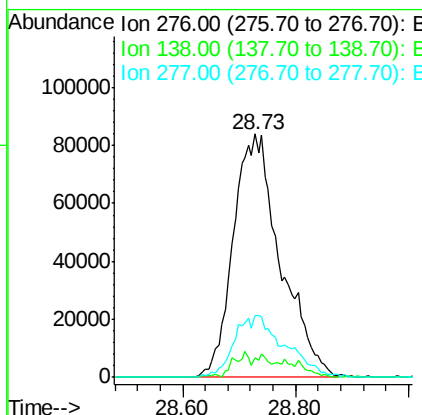
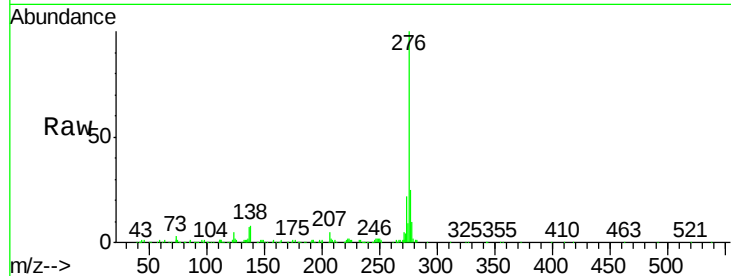
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.631 ng
RT: 28.73 min Scan# 4330
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.1	16.0	24.0#
277	0.0	20.0	30.0#

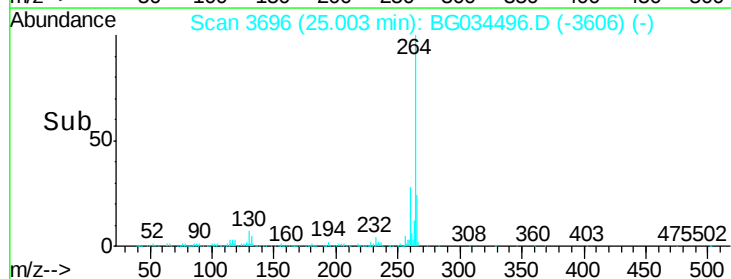
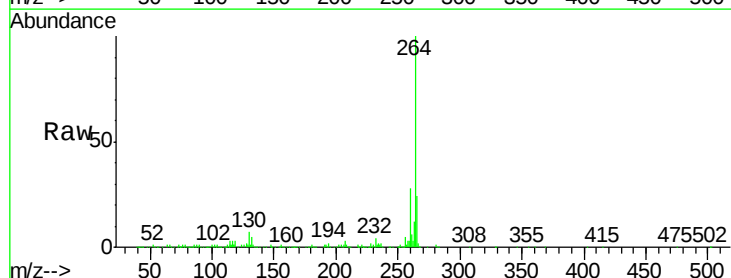
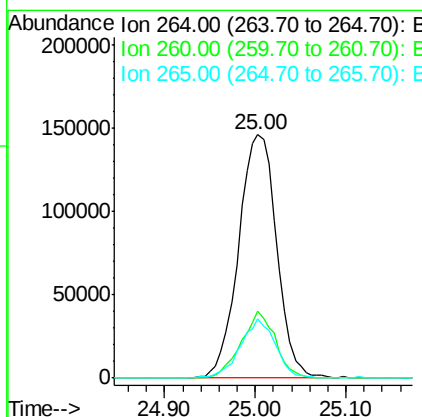
Manual Integrations
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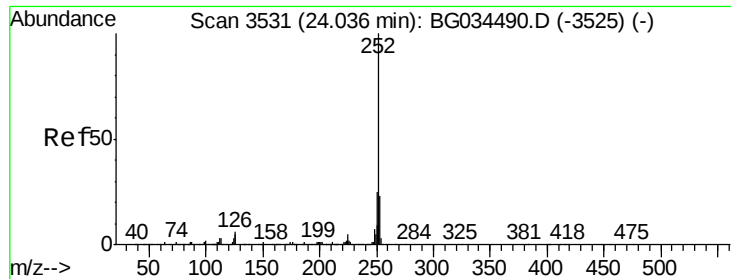
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.8	17.4	26.0#
265	24.3	17.7	26.5





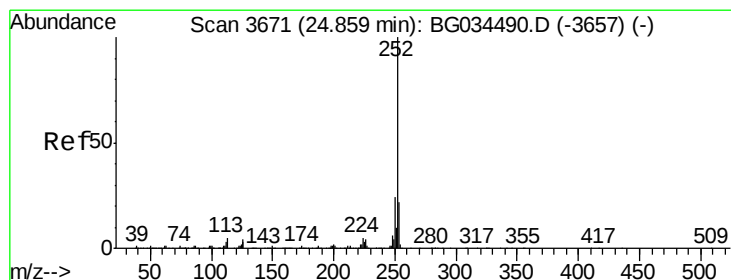
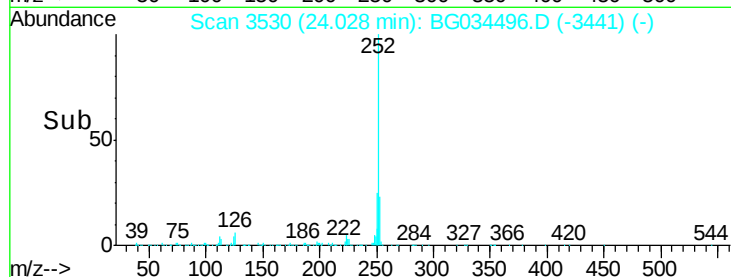
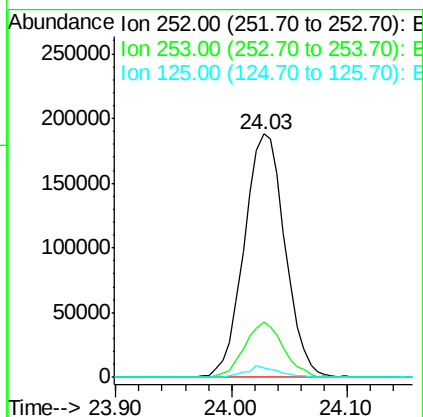
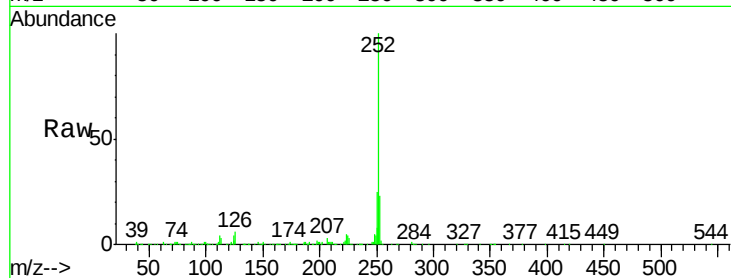
#88
Benzo(k)fluoranthene
Concen: 18.030 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleID :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	4.0	6.6	9.8

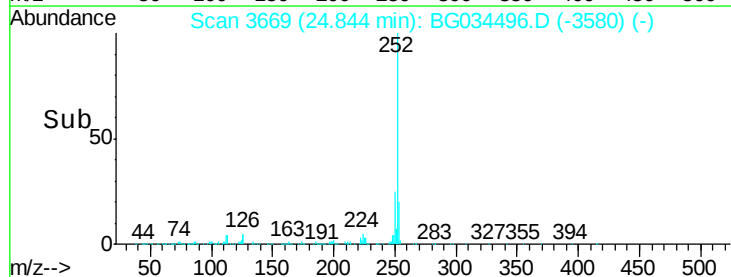
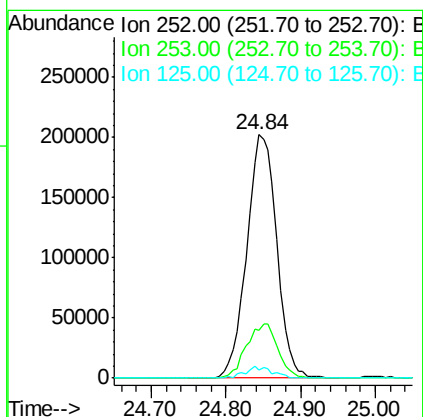
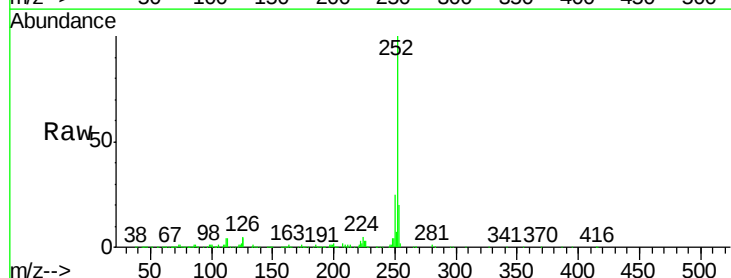
Manual Integrations
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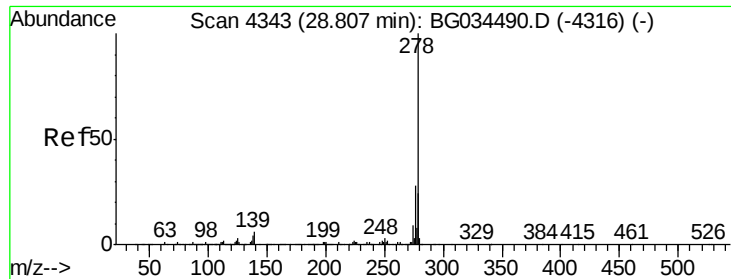
Sohil
5/17/2018 5:04:25 PM



#89
Benzo(a)pyrene
Concen: 22.064 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	18.3	27.5
125	3.5	7.3	10.9





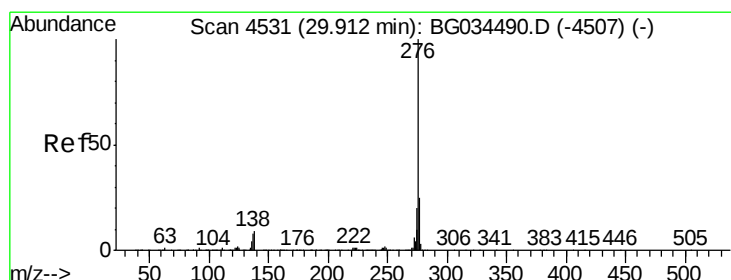
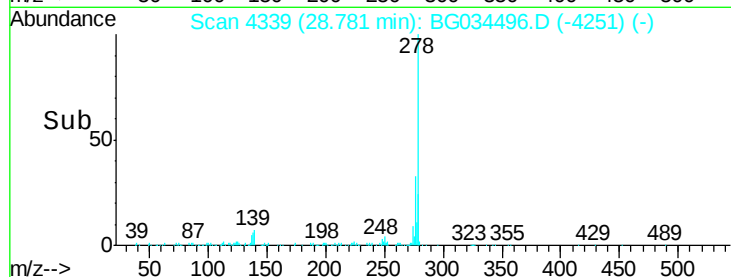
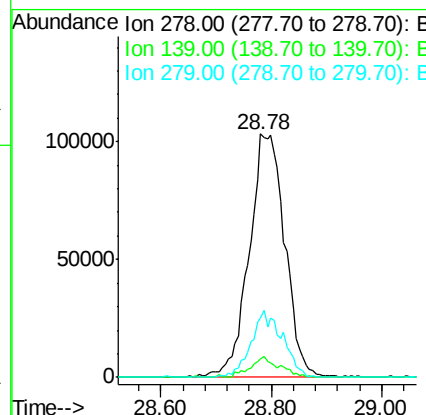
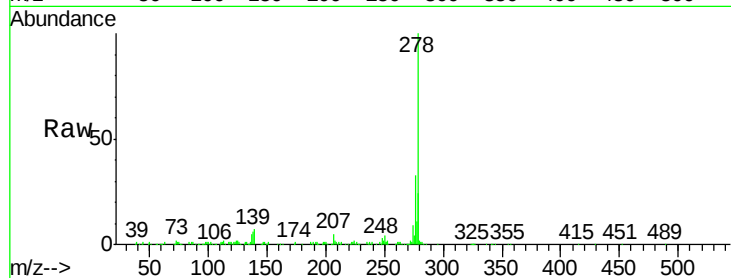
#90
Dibenzo(a,h)anthracene
Concen: 18.092 ng
RT: 28.78 min Scan# 4339
Delta R.T. -0.01 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.3	9.8	14.6#
279	24.4	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 19.515 ng
RT: 29.90 min Scan# 4529
Delta R.T. 0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	7.5	13.9	20.9#

