

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
 Data File : BP001015.D
 Acq On : 08 Nov 2019 14:40
 Operator : JU
 Sample : K5609-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: Nov 08 17:30:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	193537	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	708651	20.00	ng	0.00
39) Acenaphthene-d10	13.27	164	412726	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	856004	20.00	ng	0.00
76) Chrysene-d12	19.29	240	770874	20.00	ng	0.00
87) Perylene-d12	21.08	264	862912	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	1354665	127.40	ng	0.00
7) Phenol-d6	7.82	99	1855422	137.99	ng	0.00
23) Nitrobenzene-d5	9.26	82	1123001	87.66	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	694774	141.01	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	2422323	88.39	ng	0.00
79) Terphenyl-d14	17.94	244	3355177	86.58	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	8.05	128	1498747	132.922	ng	99
10) Phenol	7.85	94	1282791	87.224	ng	94
11) bis(2-Chloroethyl)ether	7.99	93	1523279	133.049	ng	100
12) 1,3-Dichlorobenzene	8.29	146	1543651	109.123	ng	98
13) 1,4-Dichlorobenzene	8.40	146	1010625	70.927	ng	99
14) 1,2-Dichlorobenzene	8.64	146	822392	62.412	ng	99
19) n-Nitroso-di-n-propylamine	9.05	70	944807	117.022	ng	100
24) Nitrobenzene	9.29	77	1944038	151.232	ng	97
25) Isophorone	9.69	82	5317022	225.490	ng	98
26) 2-Nitrophenol	9.80	139	1049249	218.427	ng	92
29) 2,4-Dichlorophenol	10.19	162	1333967	122.862	ng	98
36) 4-Chloro-3-methylphenol	11.34	107	2563732	227.395	ng	96
37) 2-Methylnaphthalene	11.58	142	2440533	98.482	ng	98
44) 2,4,5-Trichlorophenol	12.08	196	1118168	126.216	ng	96
47) 2-Chloronaphthalene	12.37	162	3425514	137.885	ng	96
49) Acenaphthylene	13.03	152	3080907	81.574	ng	99
50) Dimethylphthalate	12.87	163	276922	9.074	ng	99
51) 2,6-Dinitrotoluene	12.96	165	1395180	219.161	ng	91
52) Acenaphthene	13.33	154	2068274	91.560	ng	98
55) Dibenzofuran	13.62	168	3155947	89.446	ng	95
56) 4-Nitrophenol	13.50	139	590144	122.220	ng	90
57) 2,4-Dinitrotoluene	13.61	165	1584872	198.206	ng	# 90
60) Diethylphthalate	14.04	149	4836083	157.758	ng	100
61) 4-Chlorophenyl-phenylether	14.20	204	2688398	181.073	ng	93
67) 4-Bromophenyl-phenylether	14.99	248	1299796	128.989	ng	98
68) Hexachlorobenzene	15.07	284	1245451	106.652	ng	98
72) Anthracene	15.77	178	2645555	61.901	ng	100
75) Fluoranthene	17.40	202	2972660	60.029	ng	99
78) Pyrene	17.72	202	7244744	132.984	ng	96
80) Butylbenzylphthalate	18.60	149	2302773	106.751	ng	100
84) Bis(2-ethylhexyl)phthalate	19.35	149	5634345	205.430	ng	# 96
85) Di-n-octyl phthalate	20.13	149	7586768	153.653	ng	99
88) Benzo(b)fluoranthene	20.59	252	3103778	60.341	ng	99
92) Benzo(g,h,i)perylene	23.27	276	4047748	83.274	ng	97

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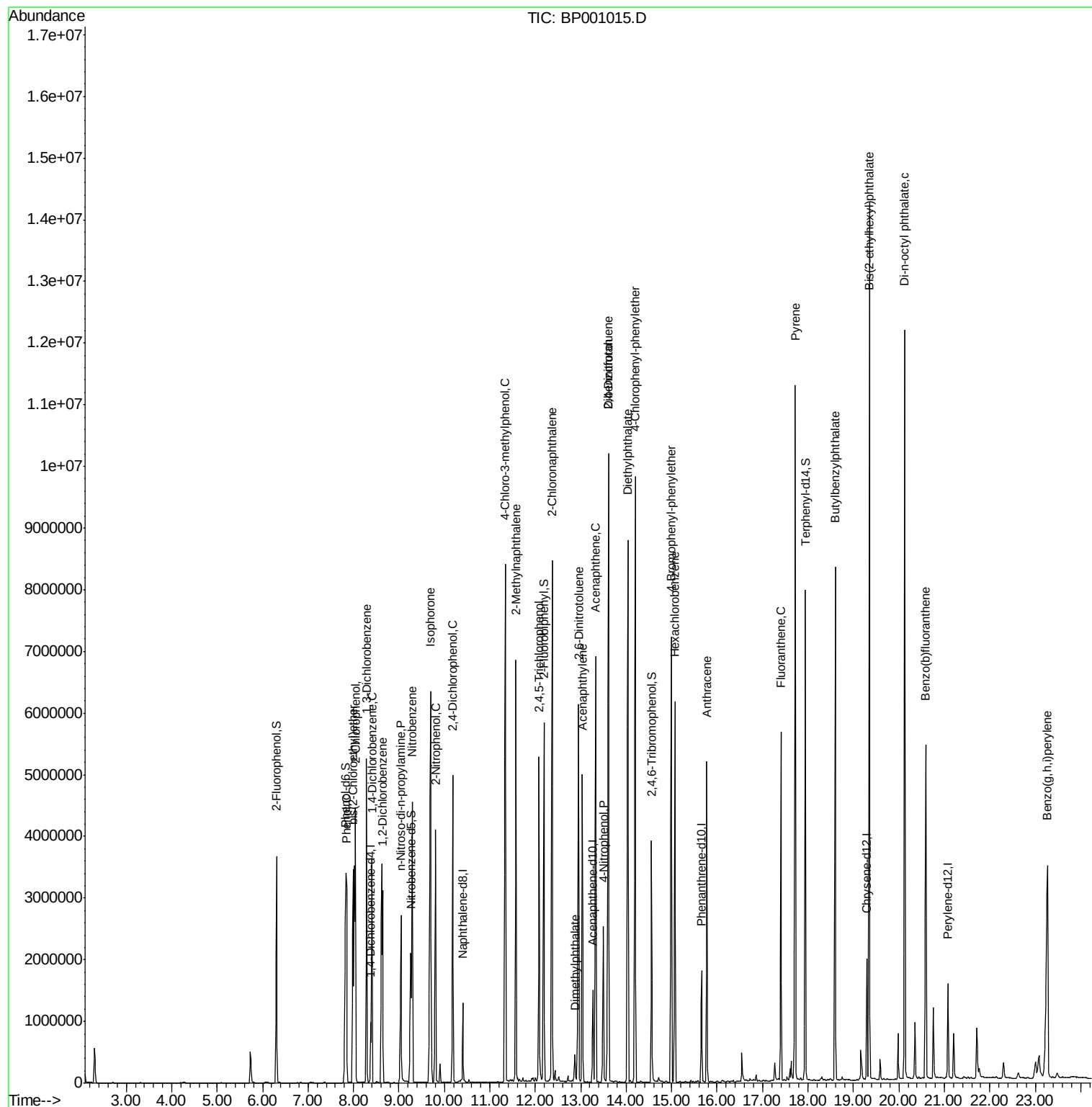
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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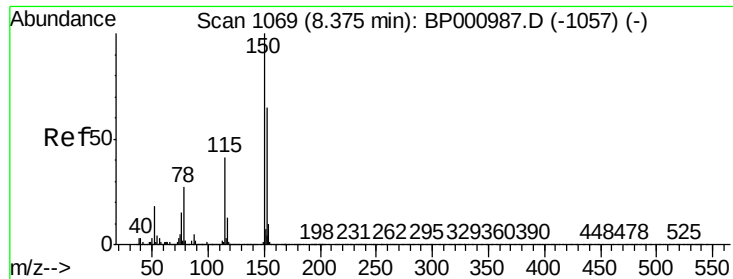
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Wed Nov 06 17:07:13 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

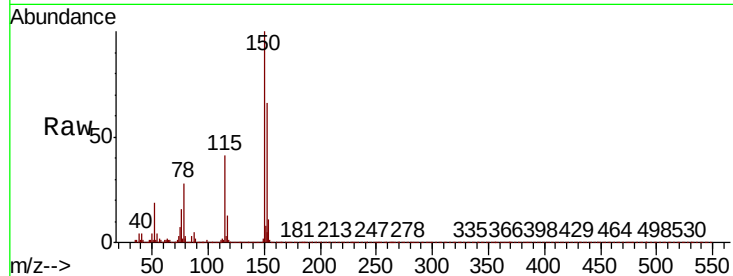
Tot Ion:152 Resp: 193537

Ion Ratio Lower Upper

152 100

150 151.4 123.6 185.4

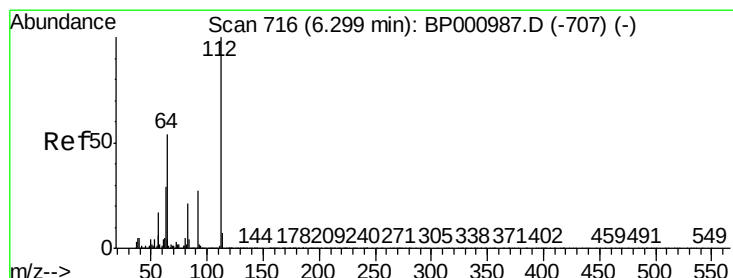
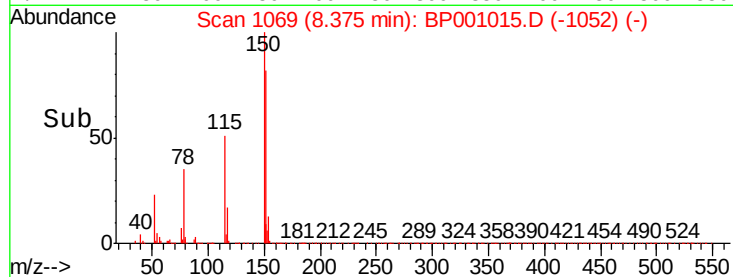
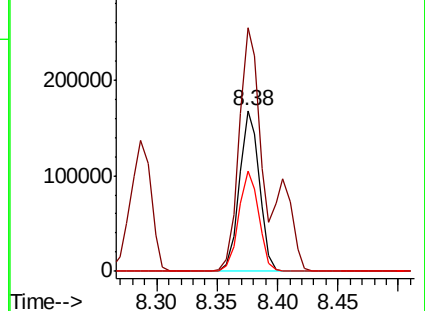
115 62.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 127.403 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

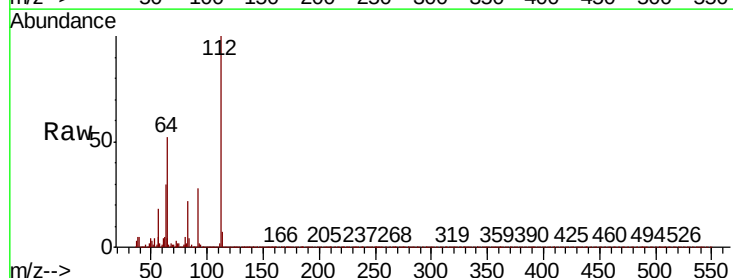
Tgt Ion:112 Resp: 1354665

Ion Ratio Lower Upper

112 100

64 52.5 43.4 65.0

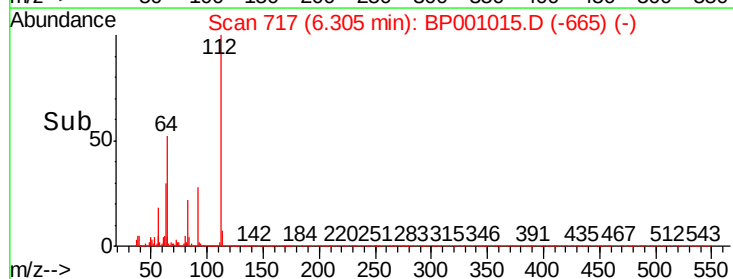
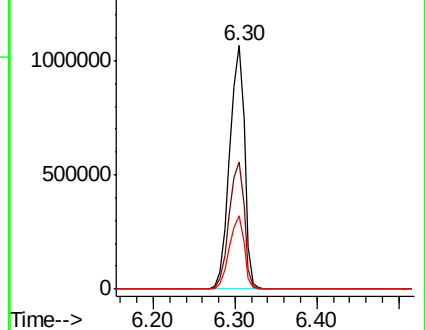
63 30.1 23.4 35.0

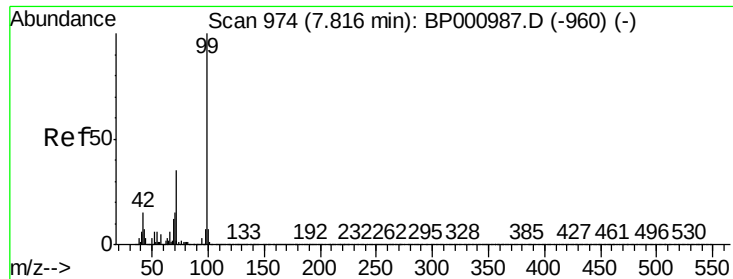


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 137.992 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

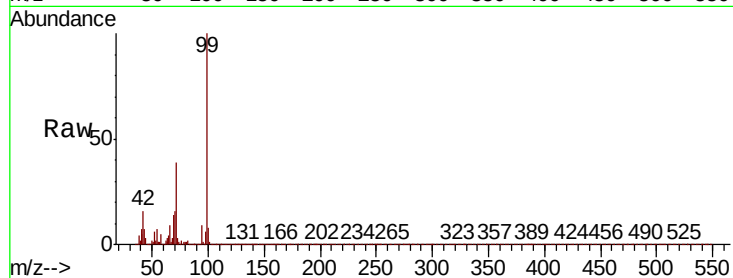
BNA_P

ClientSampleId :

PT-BNA-SOIL

Tot Ion: 99 Resp: 1855422

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.6	17.4
71	39.4	28.0	42.0

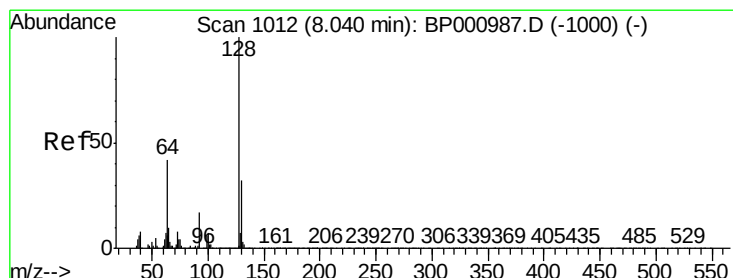
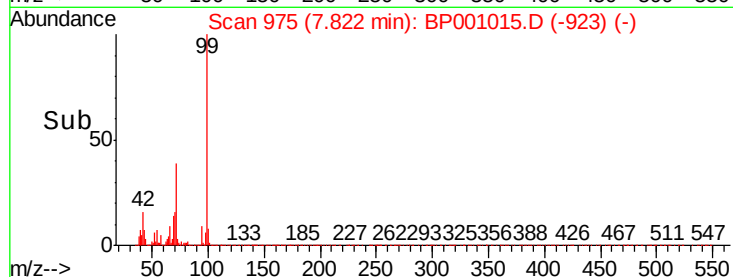


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 132.922 ng

RT: 8.05 min Scan# 1013

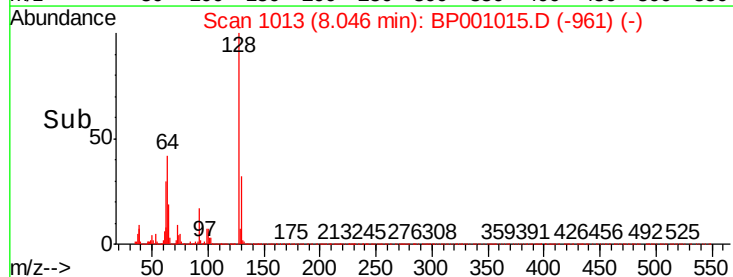
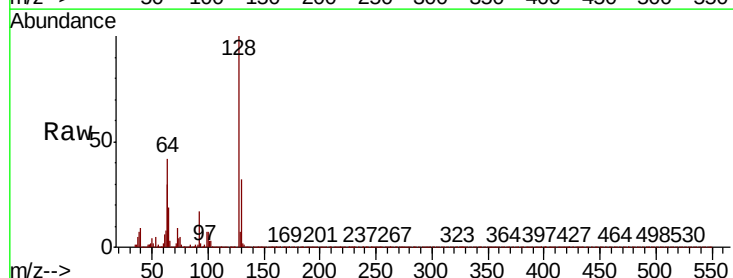
Delta R.T. 0.01 min

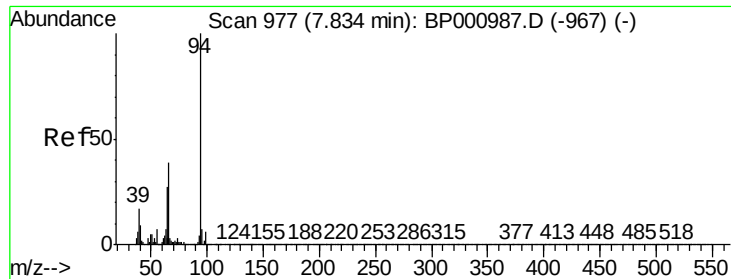
Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion:128 Resp: 1498747

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	41.8	22.7	62.7





#10

Phenol

Concen: 87.224 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampled :

PT-BNA-SOIL

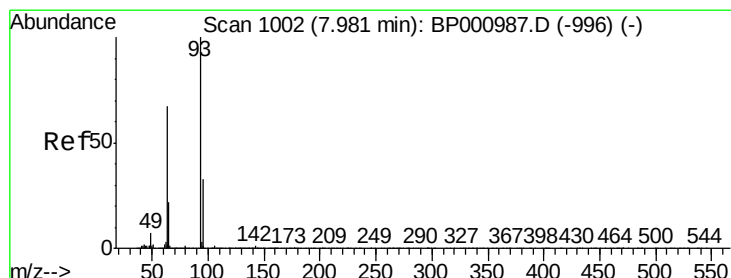
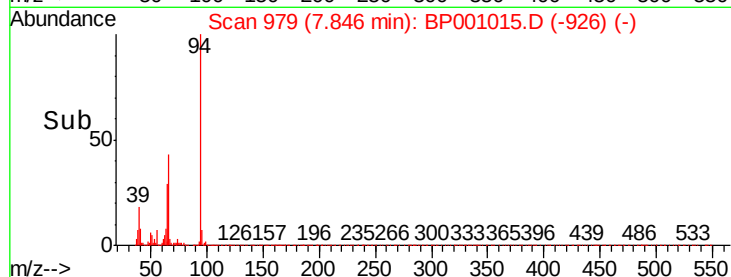
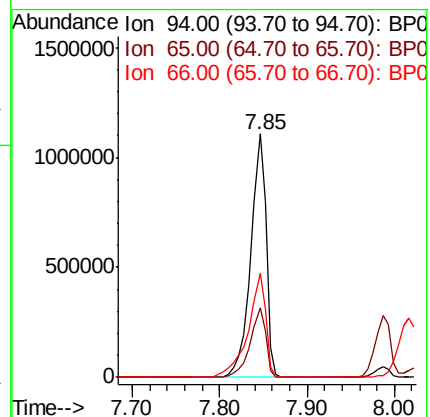
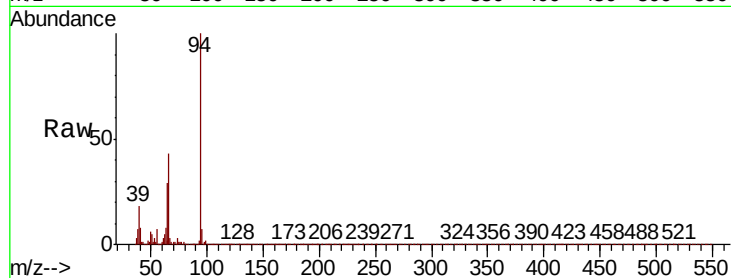
Tot Ion: 94 Resp: 1282791

Ion	Ratio	Lower	Upper
94	100		
65	28.7	6.7	46.7
66	42.8	18.6	58.6

94 100

65 28.7 6.7 46.7

66 42.8 18.6 58.6



#11

bis(2-Chloroethyl)ether

Concen: 133.049 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

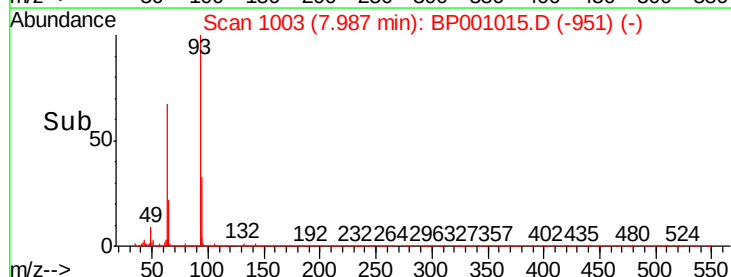
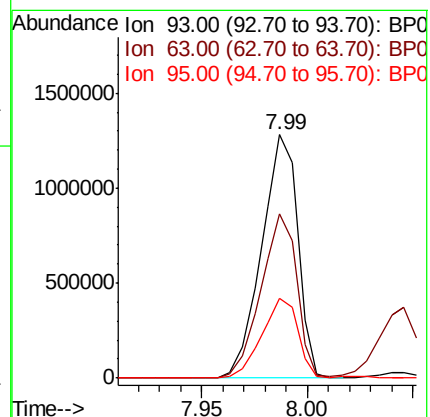
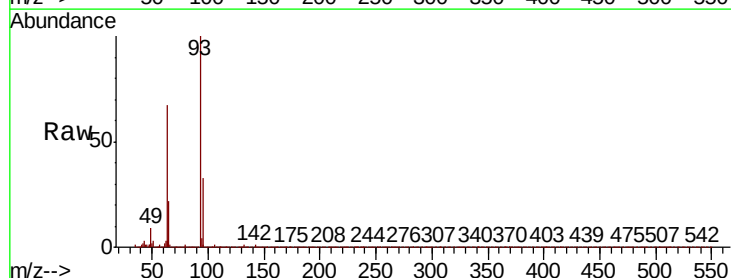
Tgt Ion: 93 Resp: 1523279

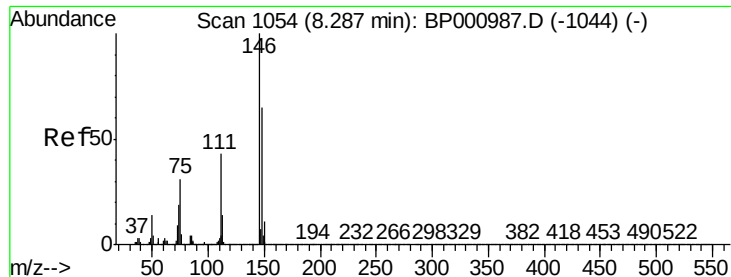
Ion	Ratio	Lower	Upper
93	100		
63	67.2	47.4	87.4
95	32.8	12.6	52.6

93 100

63 67.2 47.4 87.4

95 32.8 12.6 52.6

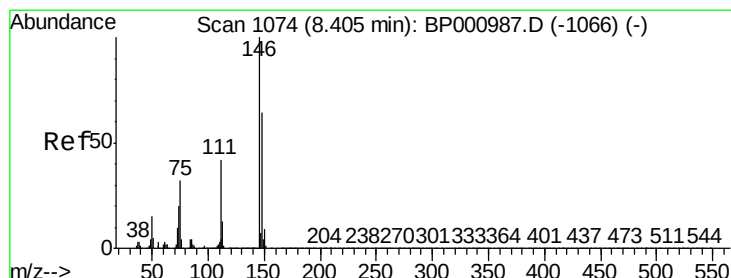
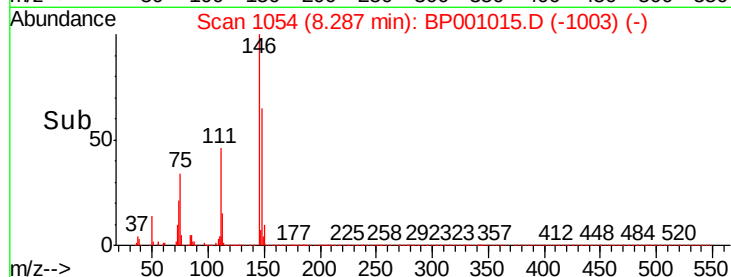
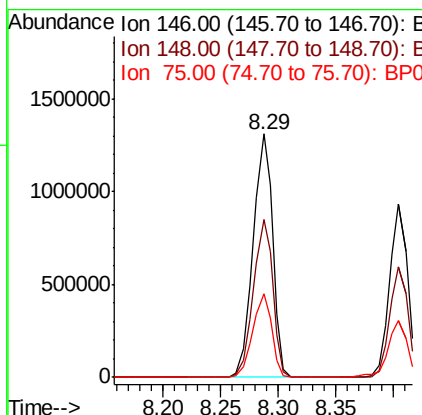
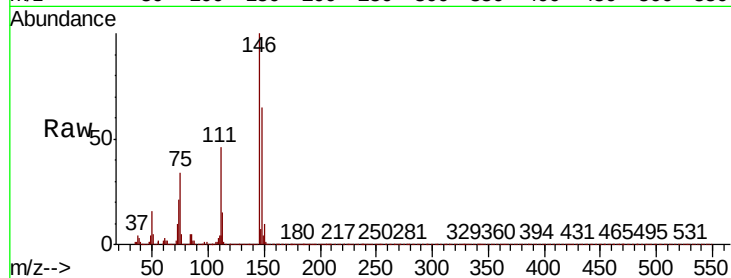




#12
 1,3-Dichlorobenzene
 Concen: 109.123 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001015.D
 Acq: 08 Nov 2019 14:40

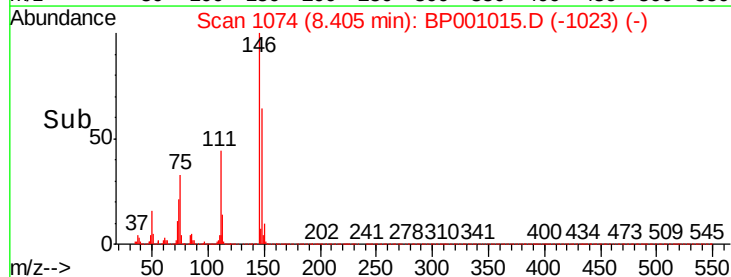
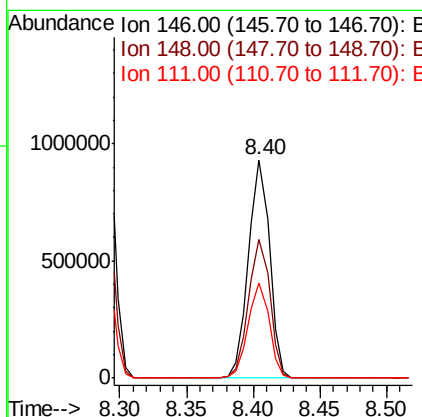
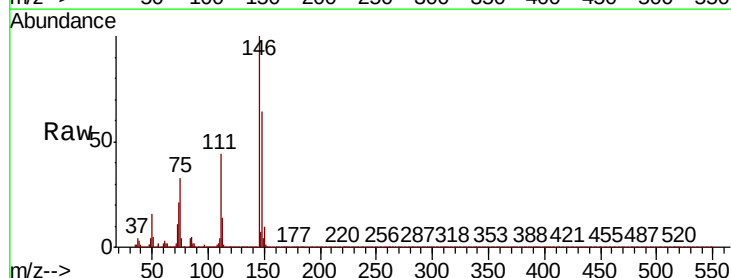
Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

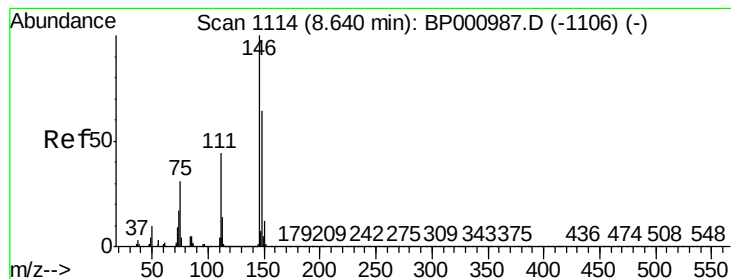
Tot Ion:146 Resp: 1543651
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 75 34.3 24.6 37.0



#13
 1,4-Dichlorobenzene
 Concen: 70.927 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BP001015.D
 Acq: 08 Nov 2019 14:40

Tgt Ion:146 Resp: 1010625
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.5 77.3
 111 43.6 33.8 50.6





#14

1,2-Dichlorobenzene

Concen: 62.412 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampled :

PT-BNA-SOIL

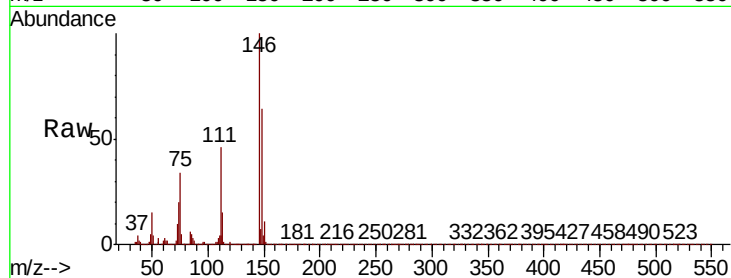
Tot Ion:146 Resp: 822392

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

111 45.5 35.6 53.4

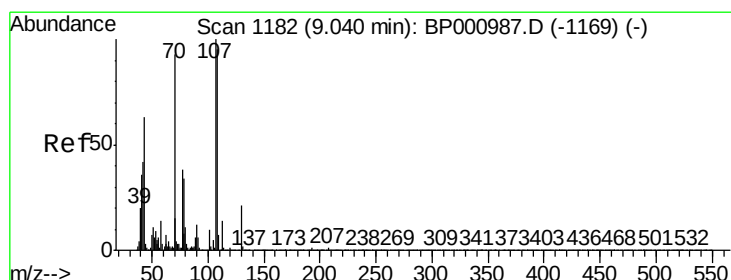
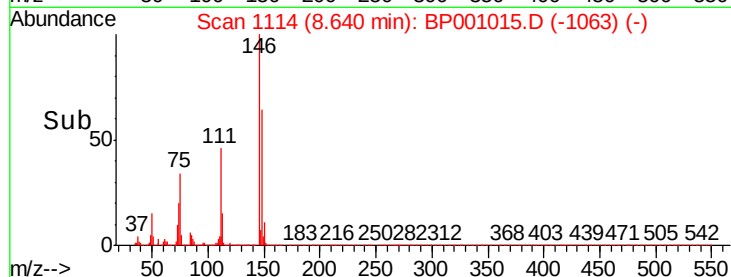
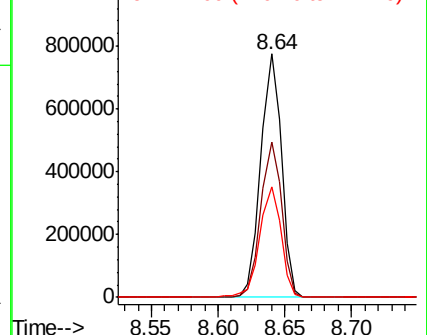


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 117.022 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion: 70 Resp: 944807

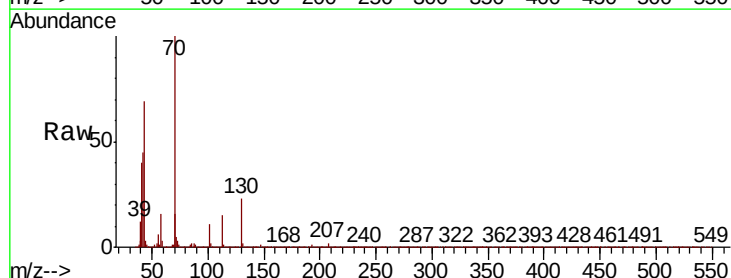
Ion Ratio Lower Upper

70 100

42 45.4 36.3 54.5

101 10.7 8.7 13.1

130 22.8 18.0 27.0



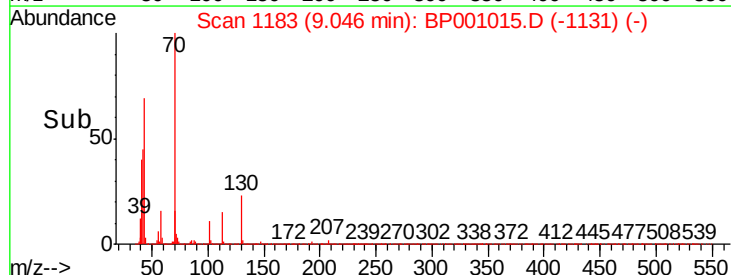
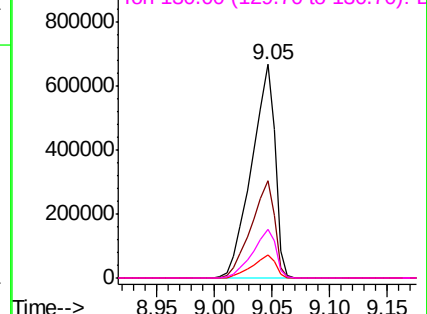
Abundance

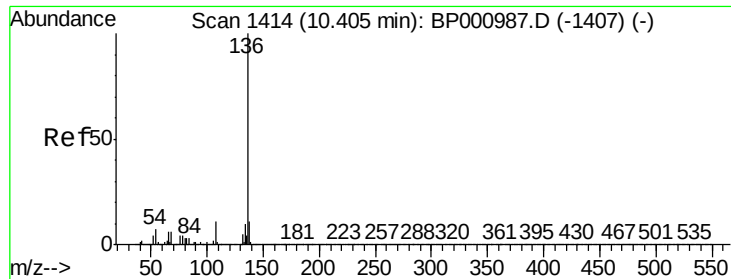
Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

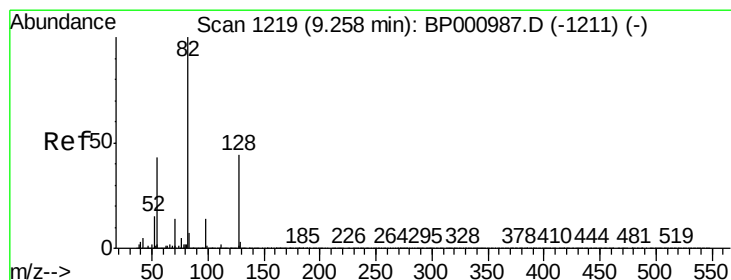
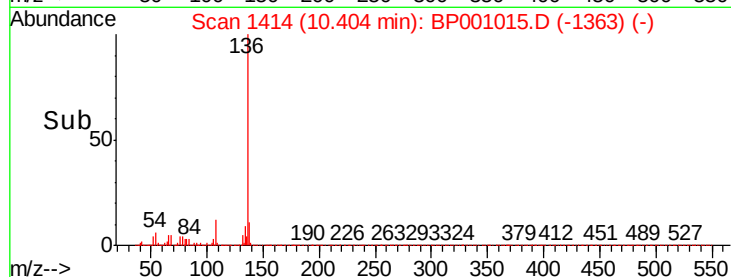
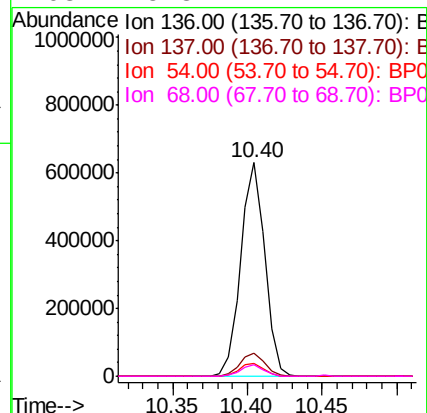
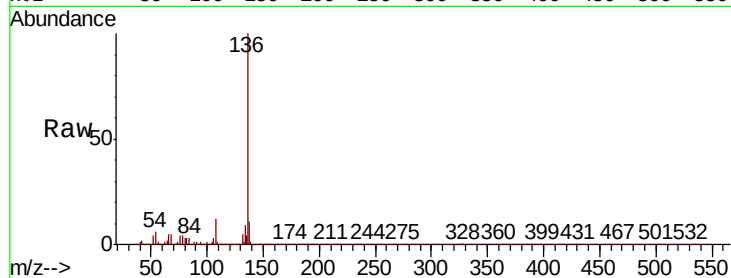




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

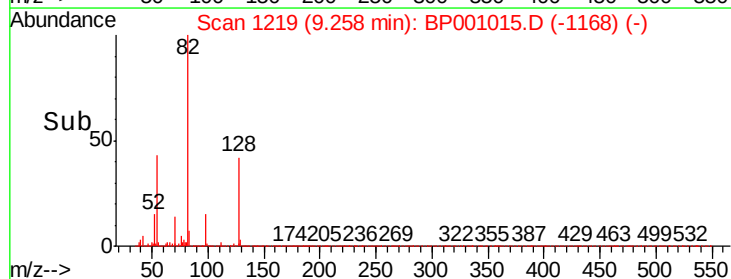
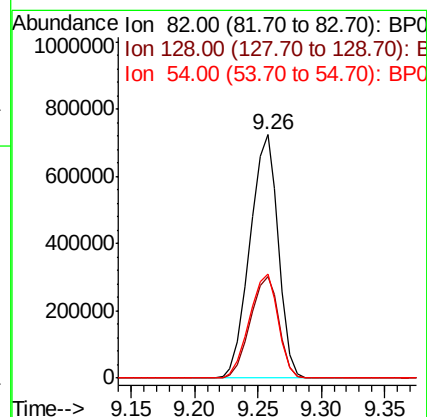
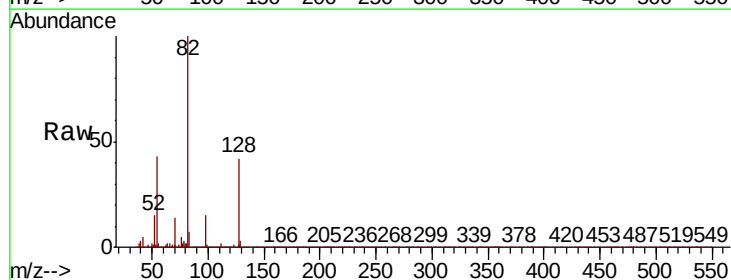
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

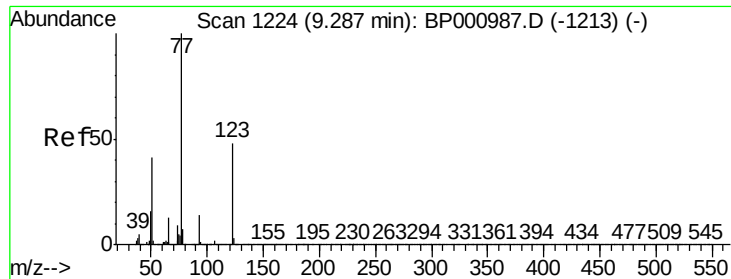
Tot Ion:136	Resp:	708651	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.0	13.6	
54 6.3	5.4	8.2	
68 5.3	4.7	7.1	



#23
Nitrobenzene-d5
Concen: 87.660 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion: 82	Resp: 1123001
Ion Ratio	Lower Upper
82 100	
128 41.8	35.3 52.9
54 42.9	34.3 51.5



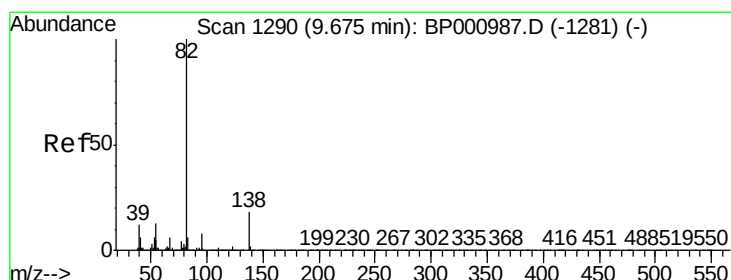
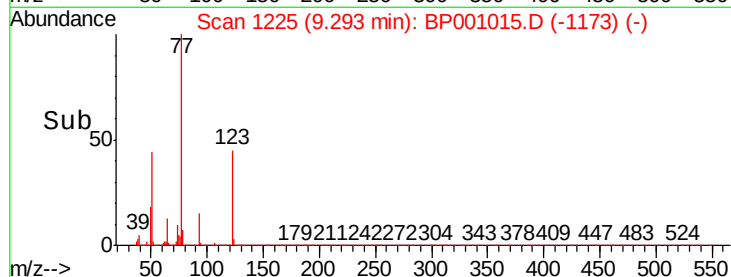
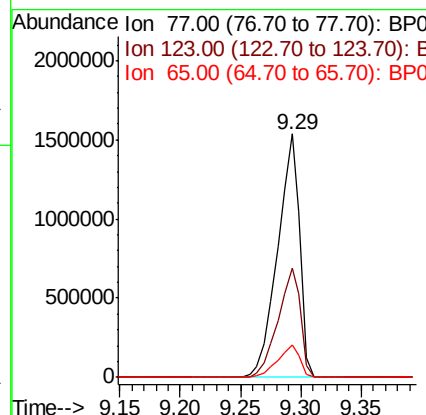
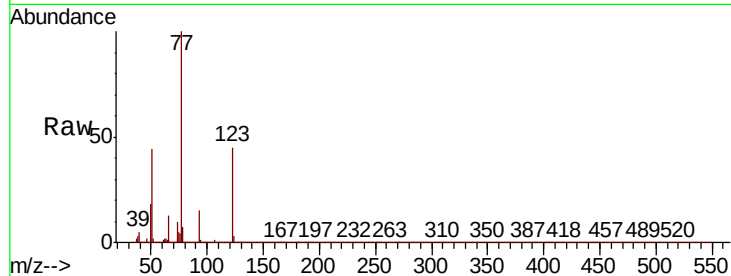


#24
 Nitrobenzene
 Concen: 151.232 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BP001015.D
 Acq: 08 Nov 2019 14:40

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion: 77 Resp: 1944038

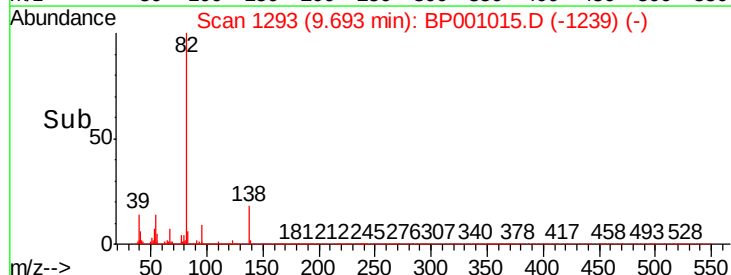
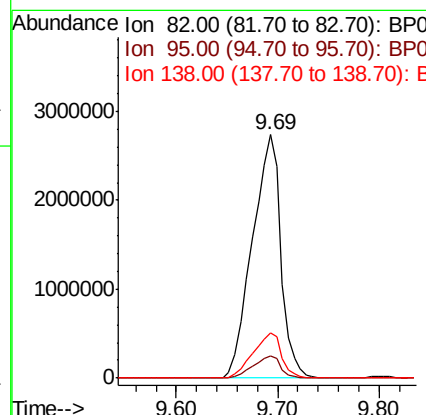
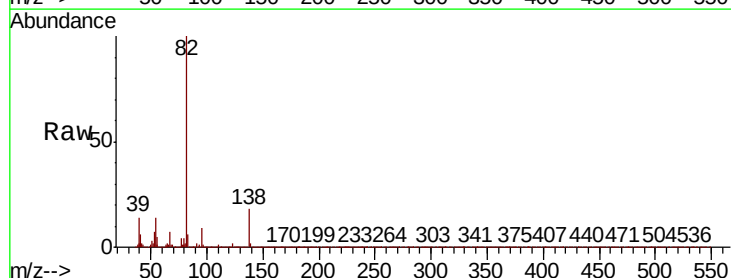
Ion	Ratio	Lower	Upper
77	100		
123	44.9	38.1	57.1
65	13.4	10.2	15.2

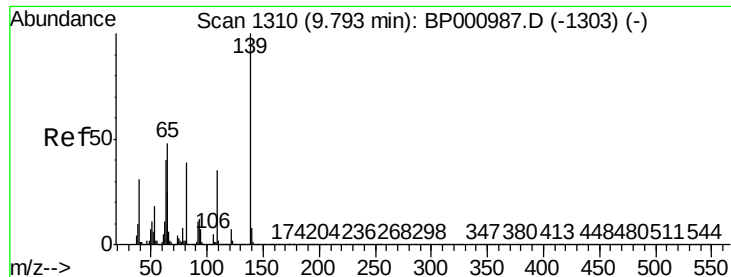


#25
 Isophorone
 Concen: 225.490 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.02 min
 Lab File: BP001015.D
 Acq: 08 Nov 2019 14:40

Tgt Ion: 82 Resp: 5317022

Ion	Ratio	Lower	Upper
82	100		
95	9.1	6.2	9.4
138	18.5	14.2	21.4

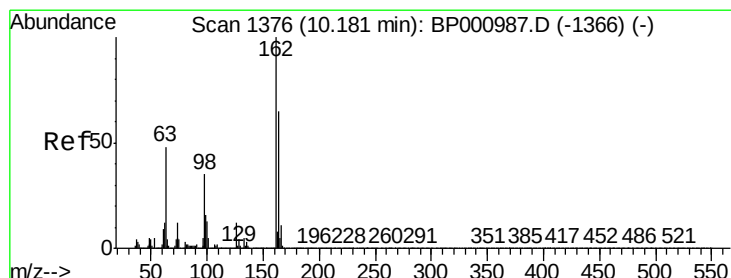
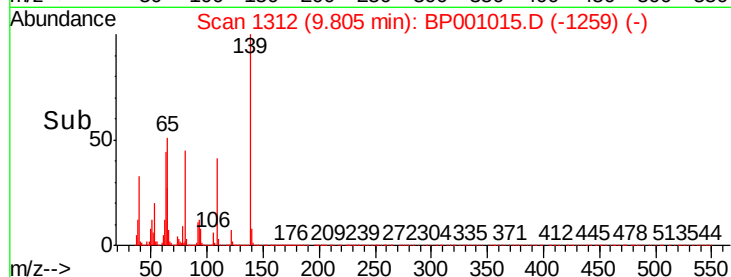
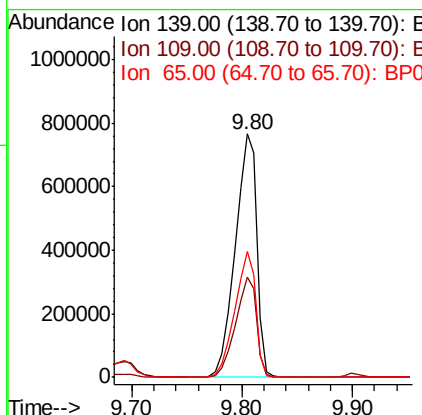
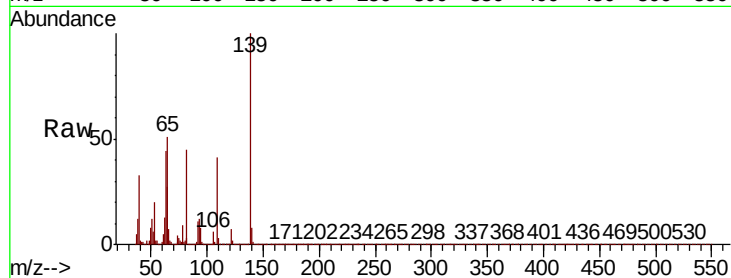




#26
2-Nitrophenol
Concen: 218.427 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

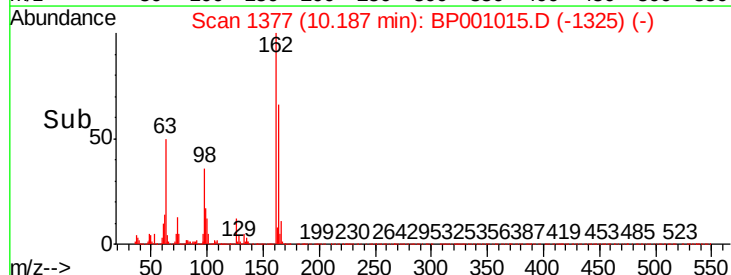
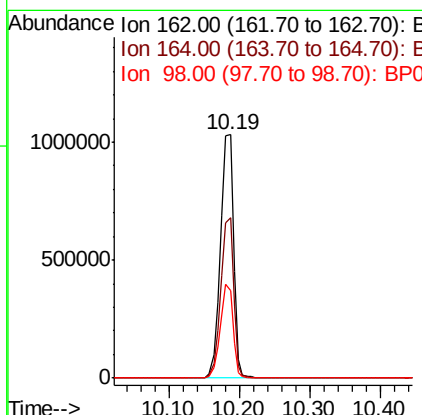
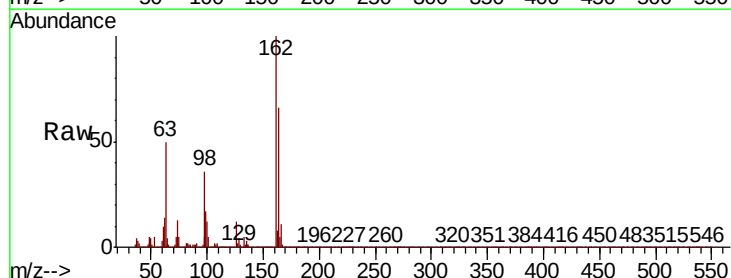
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

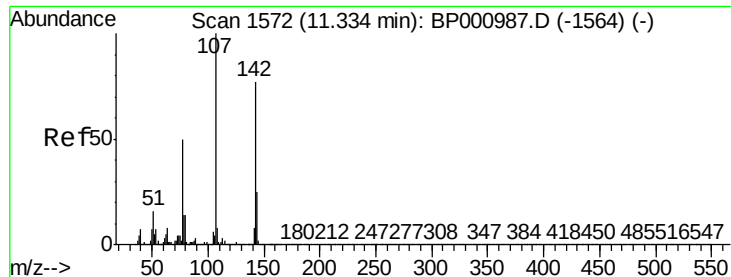
Tot Ion:139 Resp: 1049249
Ion Ratio Lower Upper
139 100
109 41.1 27.7 41.5
65 51.5 38.2 57.4



#29
2,4-Dichlorophenol
Concen: 122.862 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:162 Resp: 1333967
Ion Ratio Lower Upper
162 100
164 65.9 44.5 84.5
98 36.0 15.2 55.2

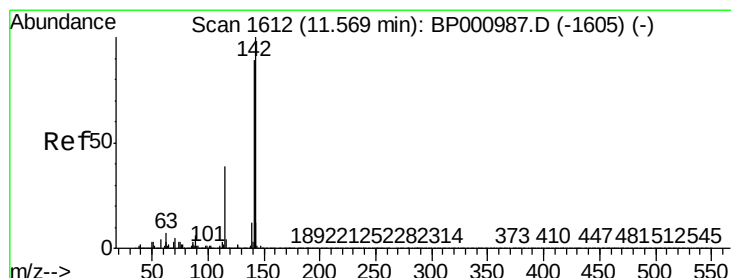
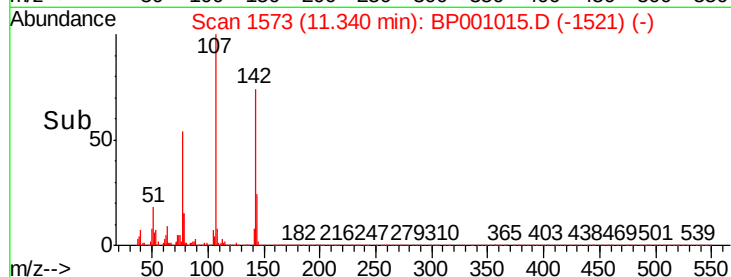
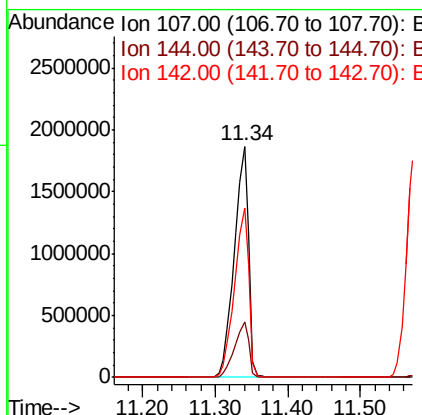
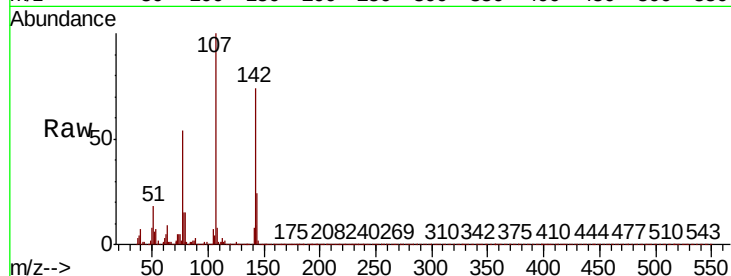




#36
4-Chloro-3-methylphenol
Concen: 227.395 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

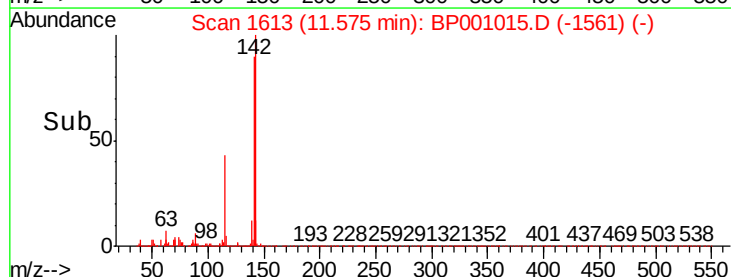
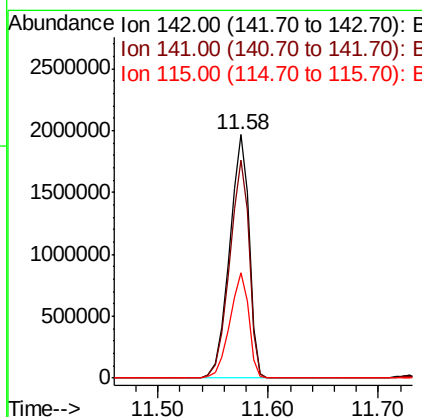
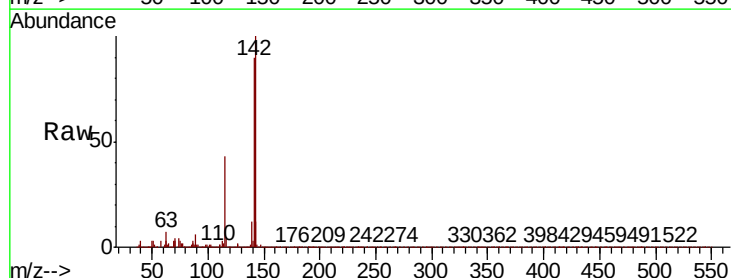
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

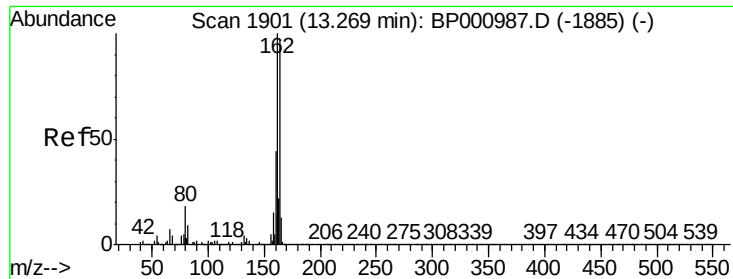
Tot Ion:107 Resp: 2563732
Ion Ratio Lower Upper
107 100
144 24.2 20.0 30.0
142 73.6 61.9 92.9



#37
2-Methylnaphthalene
Concen: 98.482 ng
RT: 11.58 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:142 Resp: 2440533
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3
115 43.1 30.8 46.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

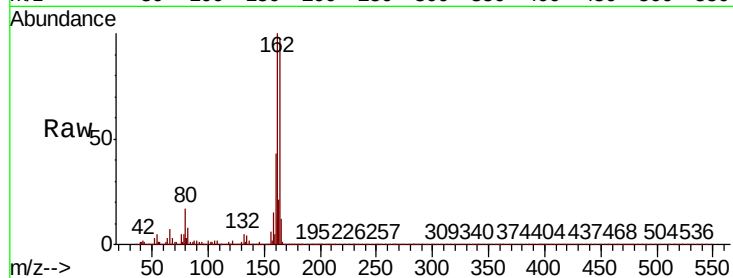
BNA_P

ClientSampleId :

PT-BNA-SOIL

Tot Ion:164 Resp: 412726

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.0	36.5	54.7

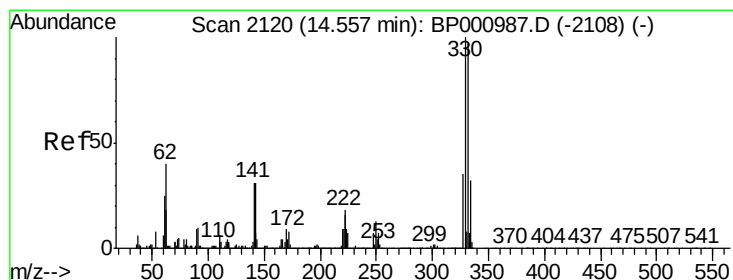
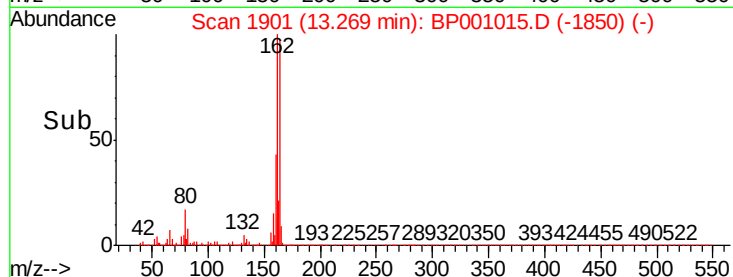
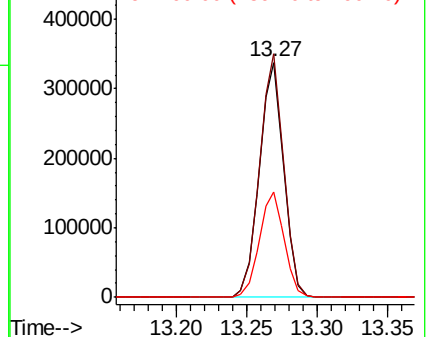


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 141.013 ng

RT: 14.56 min Scan# 2121

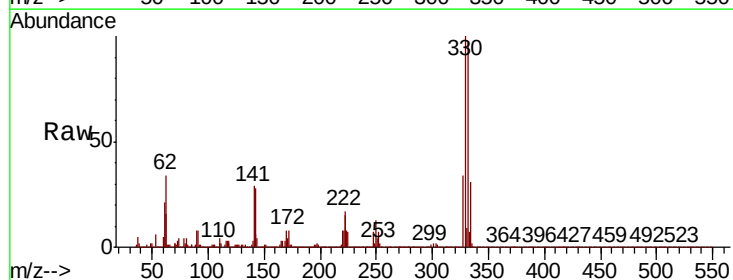
Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion:330 Resp: 694774

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	33.0	25.0	37.4

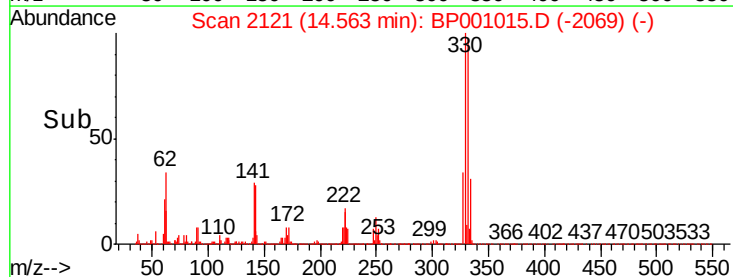
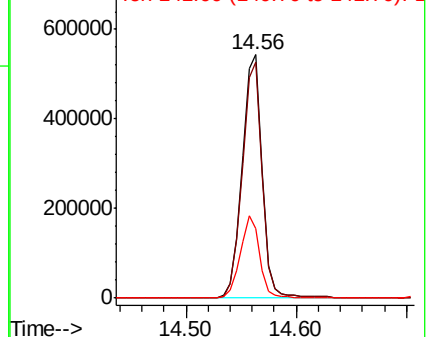


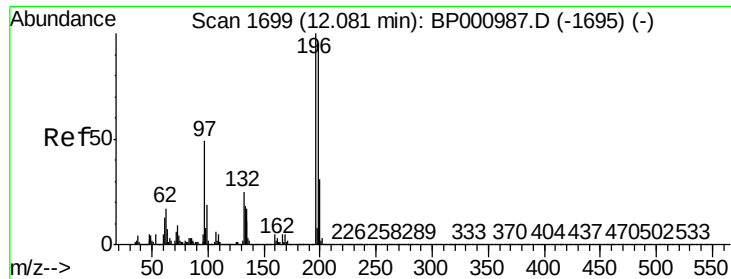
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

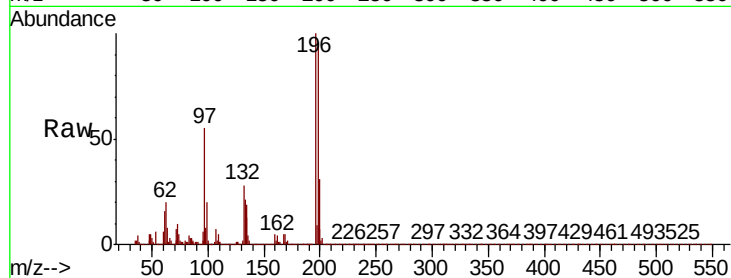




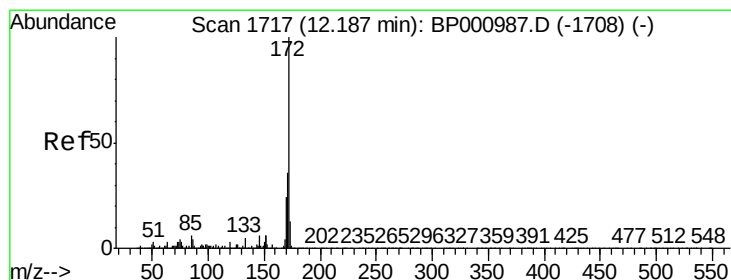
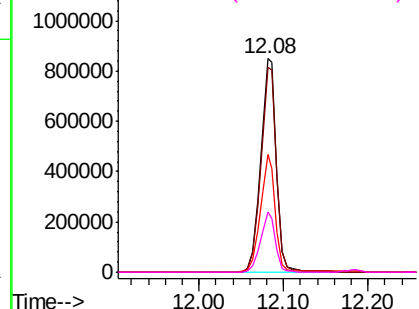
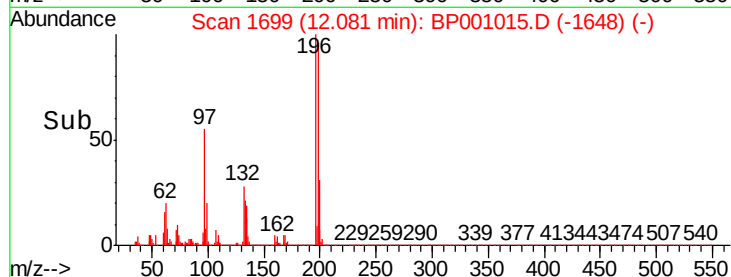
#44
2,4,5-Trichlorophenol
Concen: 126.216 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Tot Ion:196 Resp: 1118168
Ion Ratio Lower Upper
196 100
198 96.0 76.3 114.5
97 55.0 39.1 58.7
132 28.0 20.6 30.8

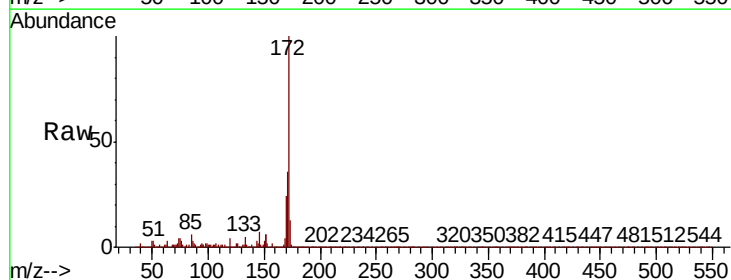


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BP0
Ion 132.00 (131.70 to 132.70): E

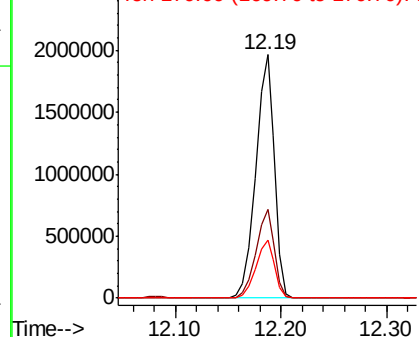
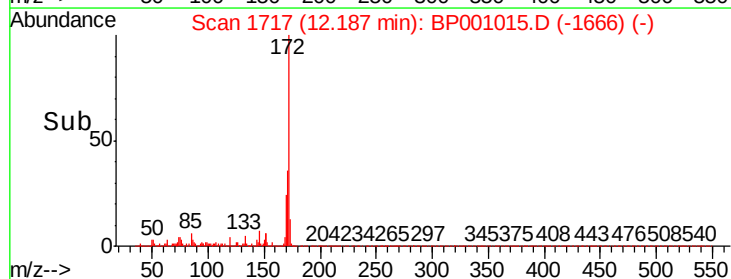


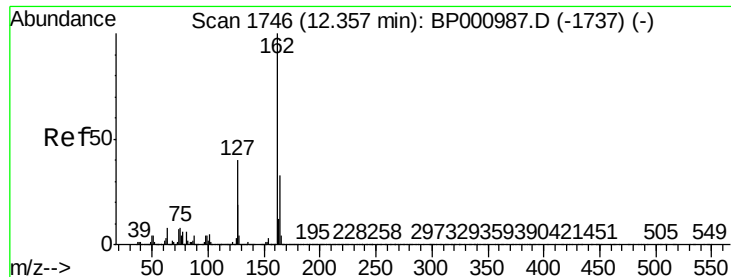
#45
2-Fluorobiphenyl
Concen: 88.394 ng
RT: 12.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:172 Resp: 2422323
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.8 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

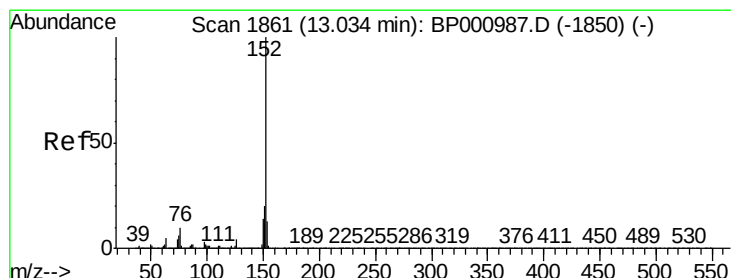
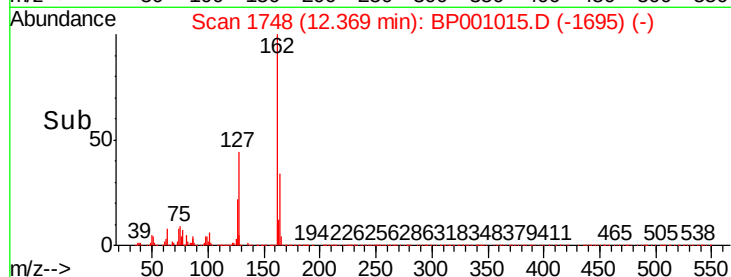
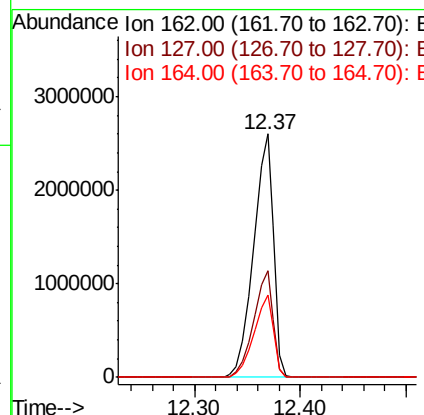
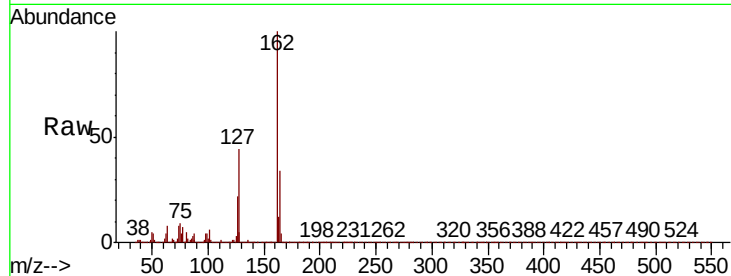




#47
2-Chloronaphthalene
Concen: 137.885 ng
RT: 12.37 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

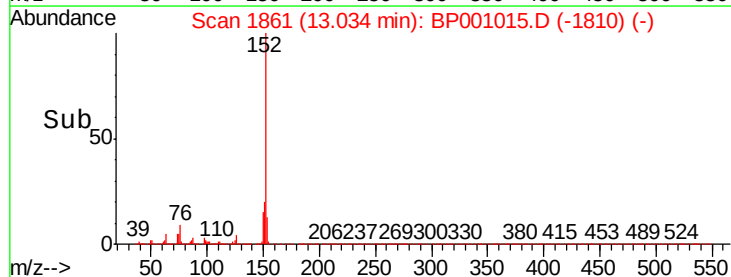
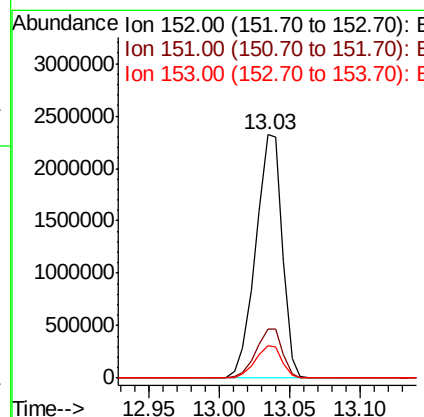
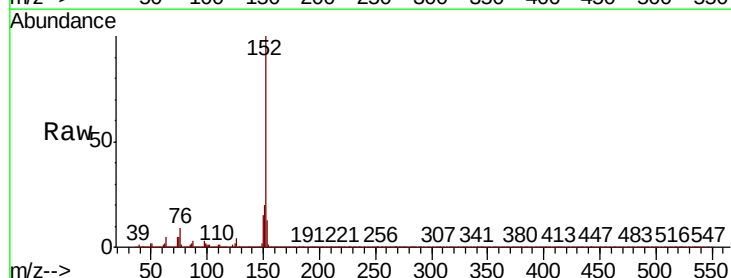
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

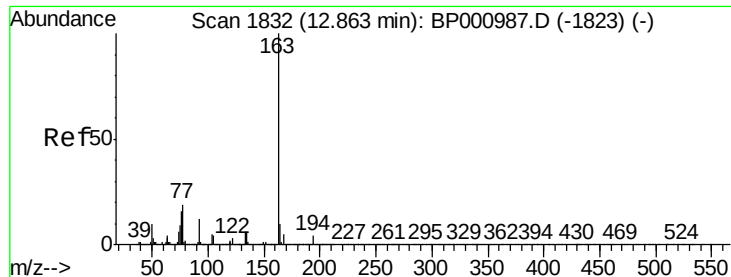
Tot Ion:162 Resp: 3425514
Ion Ratio Lower Upper
162 100
127 43.9 32.1 48.1
164 33.6 26.1 39.1



#49
Acenaphthylene
Concen: 81.574 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:152 Resp: 3080907
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.4 10.6 16.0





#50

Dimethylphthalate

Concen: 9.074 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

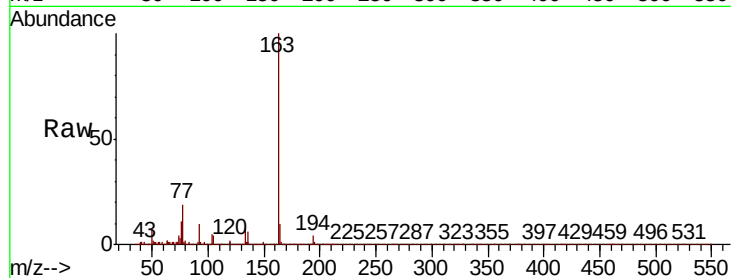
Tot Ion:163 Resp: 276922

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

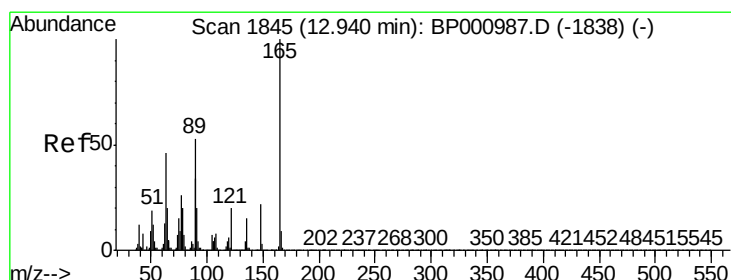
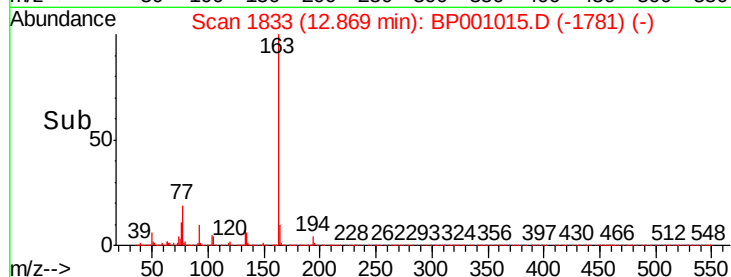
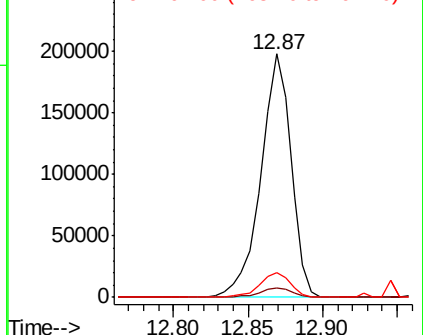
164 10.1 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 219.161 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.02 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

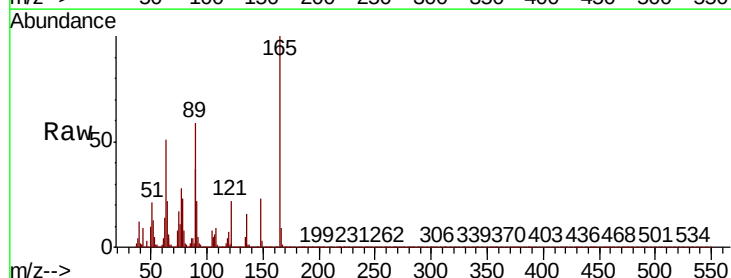
Tgt Ion:165 Resp: 1395180

Ion Ratio Lower Upper

165 100

63 51.0 36.7 55.1

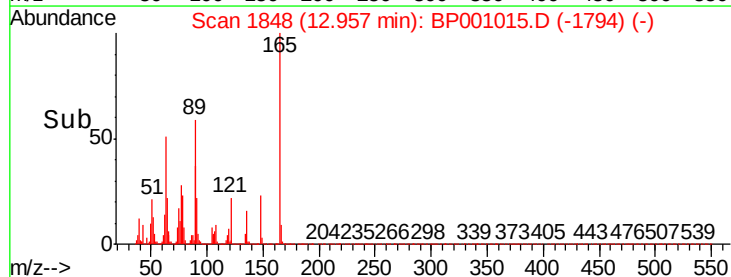
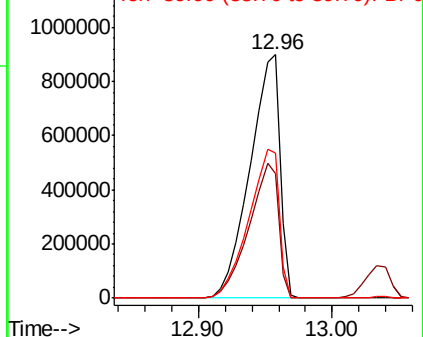
89 59.4 42.3 63.5

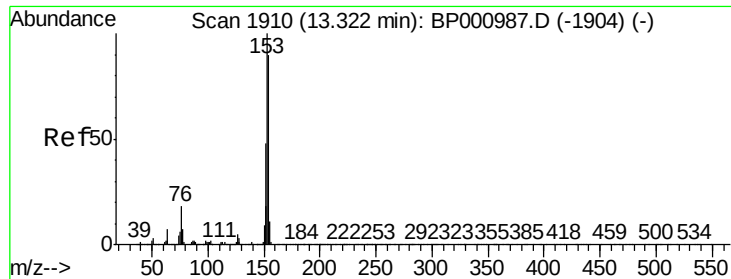


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





#52

Acenaphthene

Concen: 91.560 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

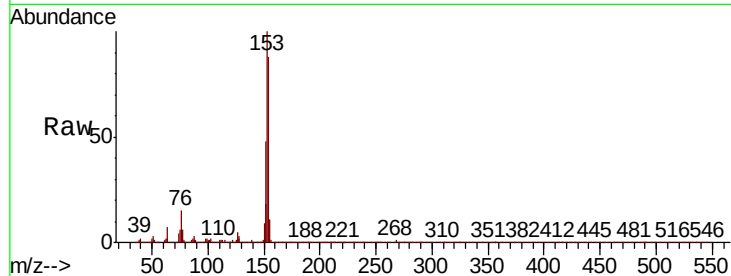
BNA_P

ClientSampleId :

PT-BNA-SOIL

Tot Ion:154 Resp: 2068274

Ion	Ratio	Lower	Upper
154	100		
153	113.3	88.9	133.3
152	54.6	42.4	63.6

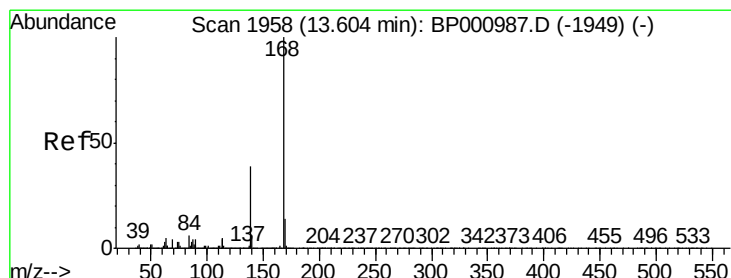
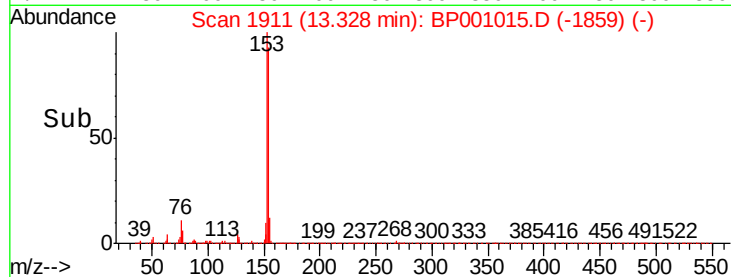
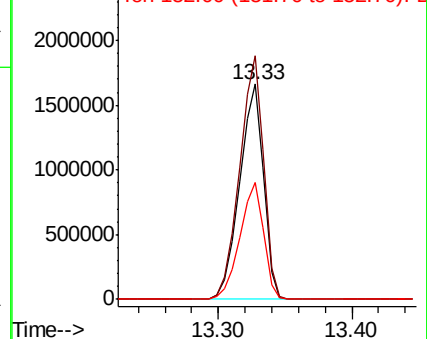


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 89.446 ng

RT: 13.62 min Scan# 1960

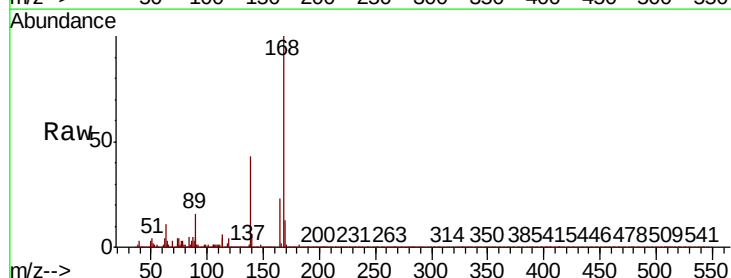
Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion:168 Resp: 3155947

Ion	Ratio	Lower	Upper
168	100		
139	42.8	30.9	46.3
169	13.2	10.9	16.3

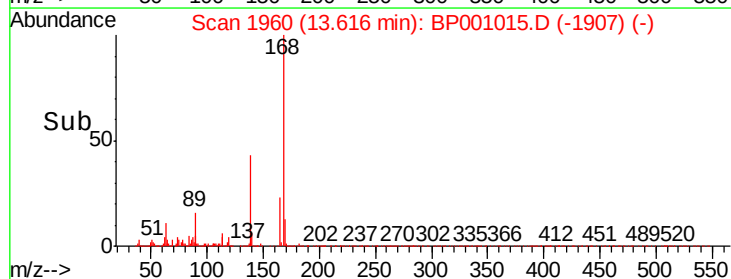
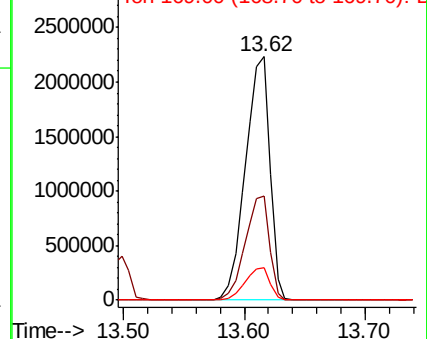


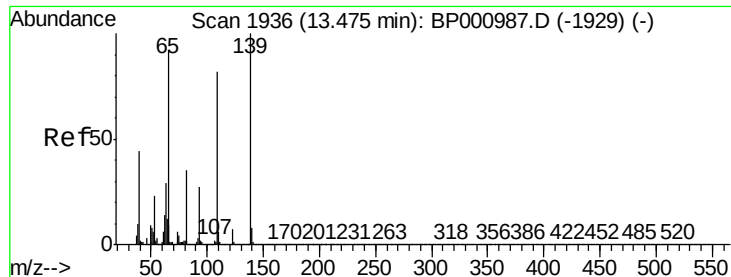
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

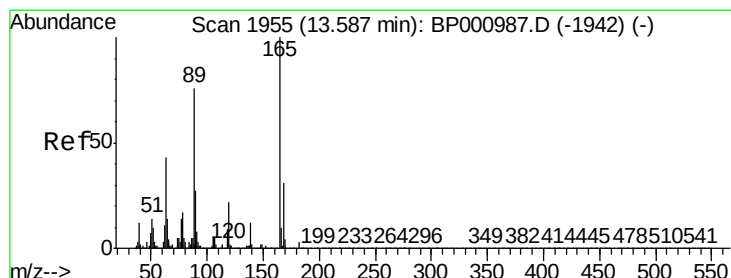
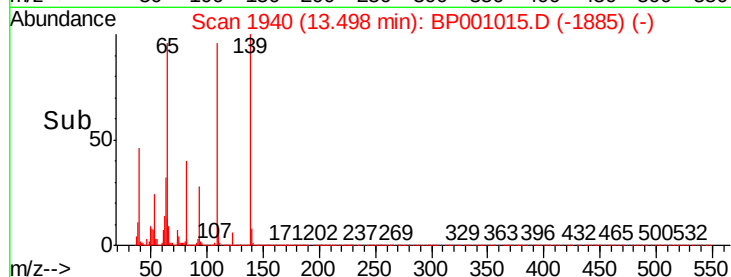
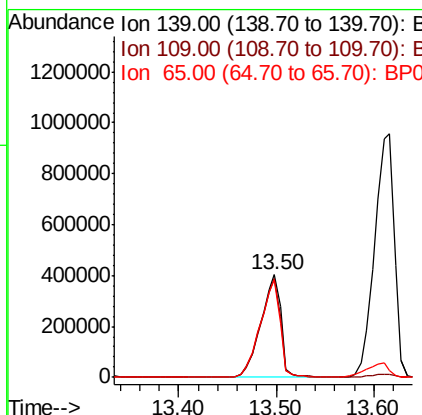
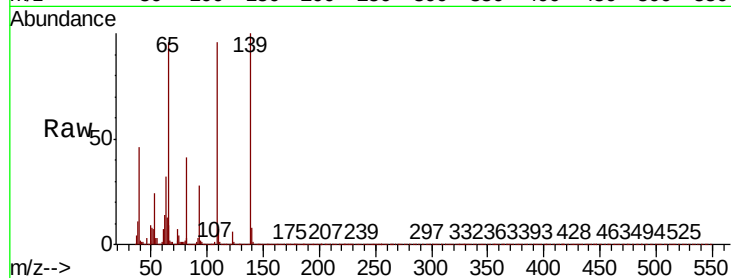




#56
4-Nitrophenol
Concen: 122.220 ng
RT: 13.50 min Scan# 1940
Delta R.T. 0.02 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

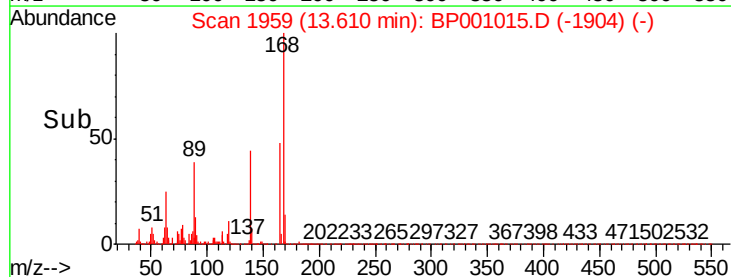
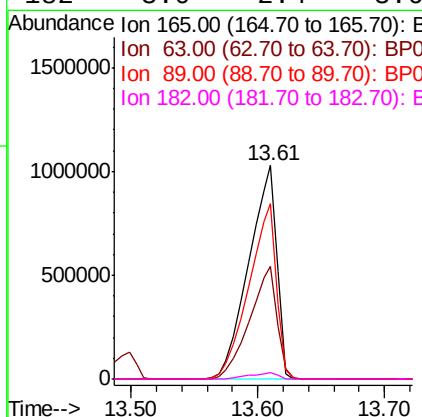
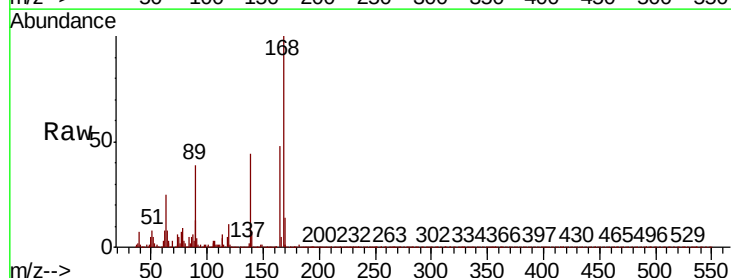
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

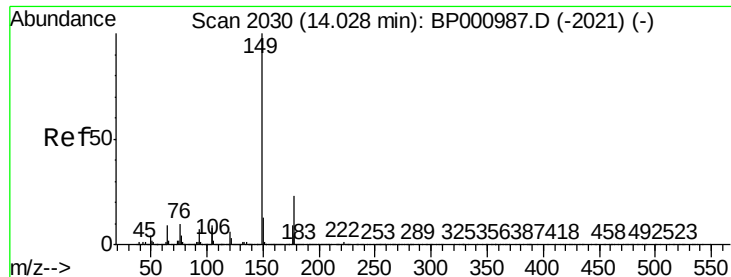
Tot Ion:139 Resp: 590144
Ion Ratio Lower Upper
139 100
109 96.4 61.6 101.6
65 95.7 72.0 112.0



#57
2,4-Dinitrotoluene
Concen: 198.206 ng
RT: 13.61 min Scan# 1959
Delta R.T. 0.02 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:165 Resp: 1584872
Ion Ratio Lower Upper
165 100
63 52.9 34.3 51.5#
89 81.8 60.5 90.7
182 3.0 2.4 3.6





#60

Diethylphthalate

Concen: 157.758 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

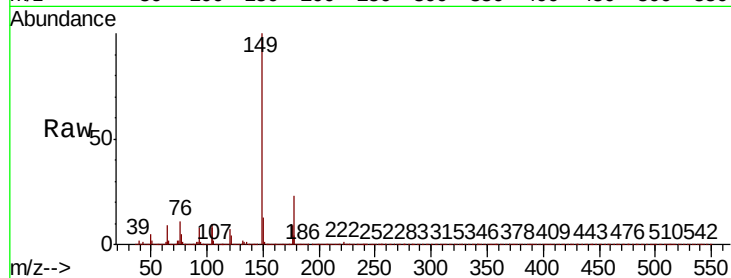
BNA_P

ClientSampleId :

PT-BNA-SOIL

Tot Ion:149 Resp: 4836083

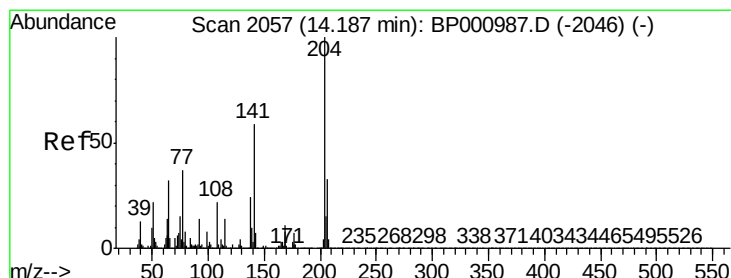
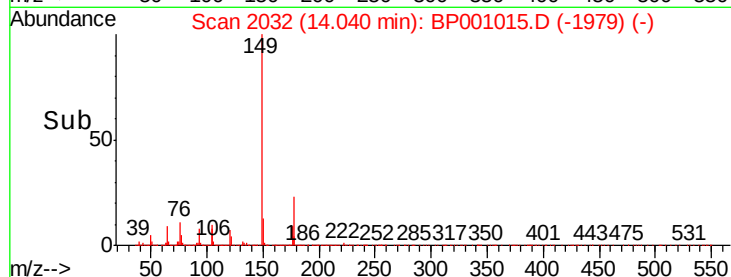
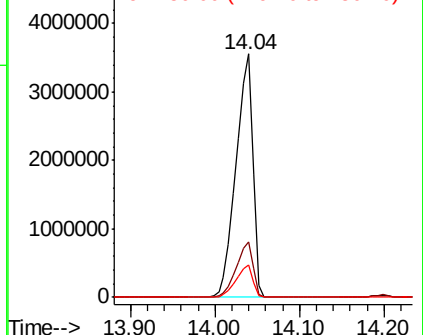
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.5	27.7
150	13.1	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 181.073 ng

RT: 14.20 min Scan# 2059

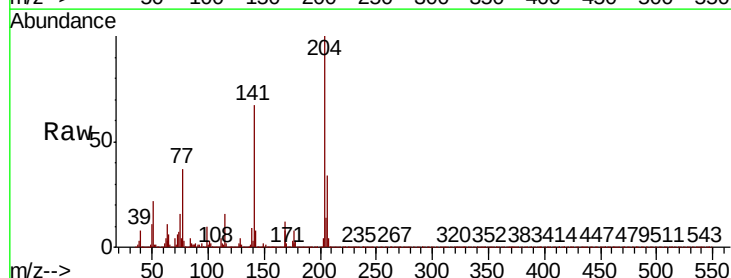
Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion:204 Resp: 2688398

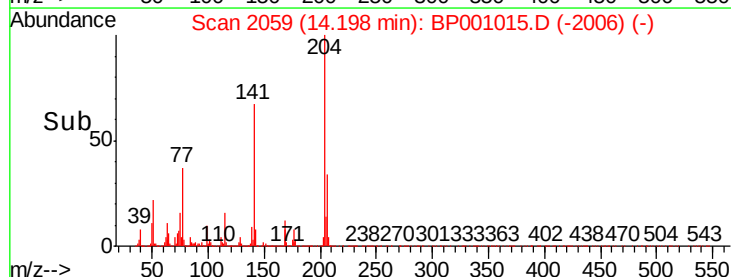
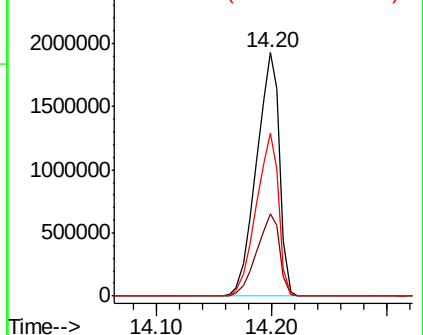
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	67.0	46.9	70.3

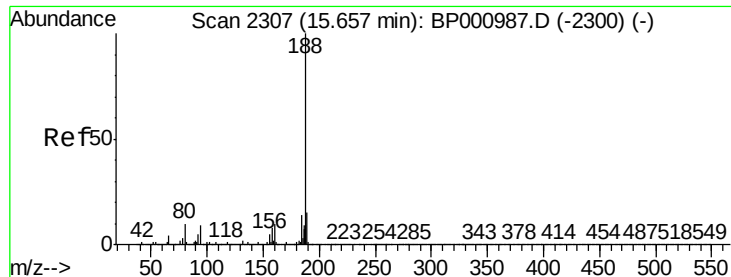


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampled :

PT-BNA-SOIL

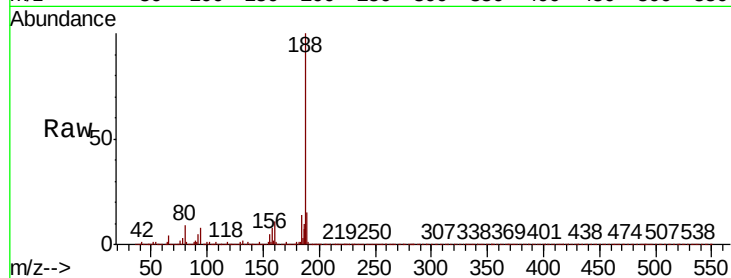
Tot Ion:188 Resp: 856004

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

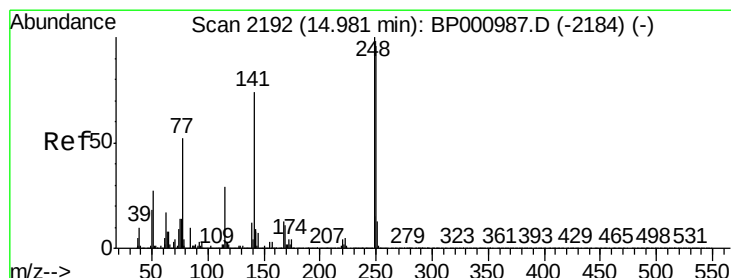
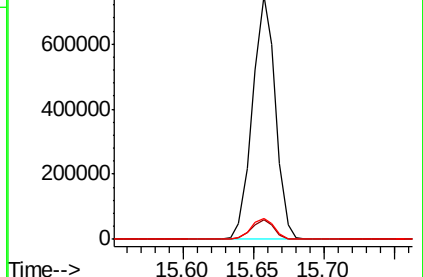
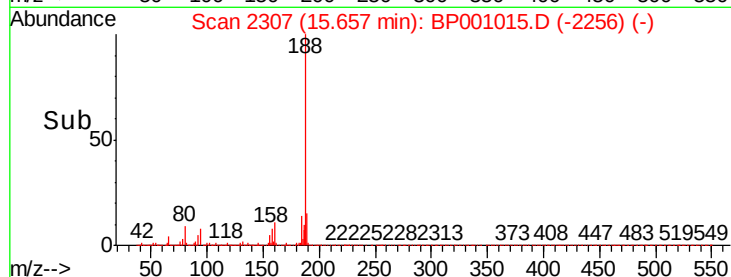
80 8.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 128.989 ng

RT: 14.99 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

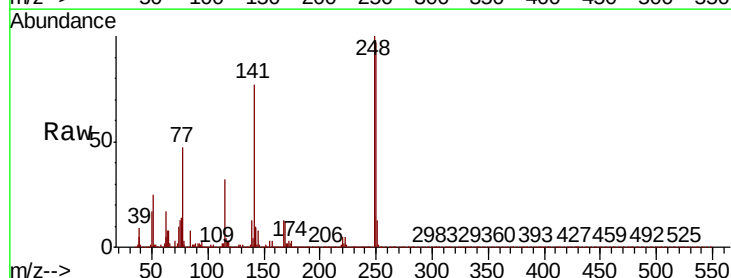
Tgt Ion:248 Resp: 1299796

Ion Ratio Lower Upper

248 100

250 97.5 77.0 115.6

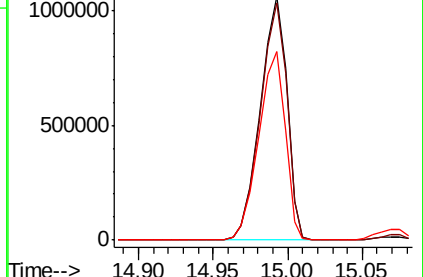
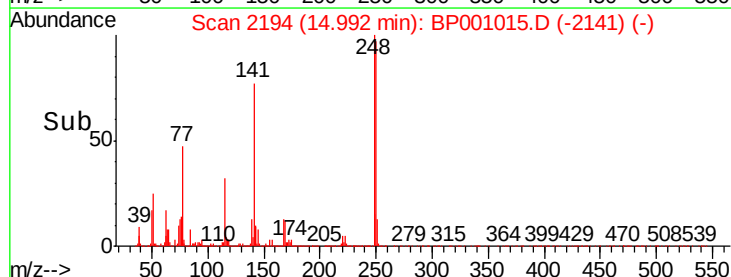
141 77.5 59.4 89.0

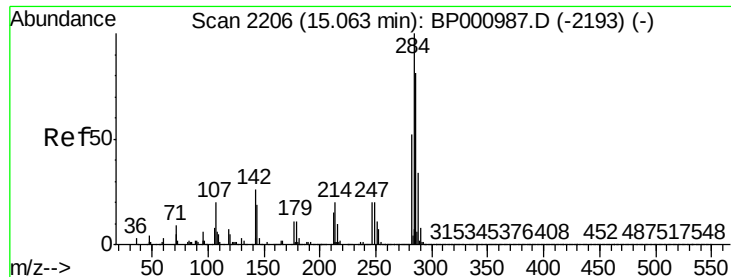


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

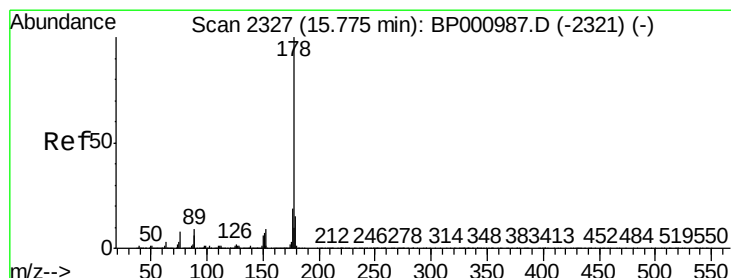
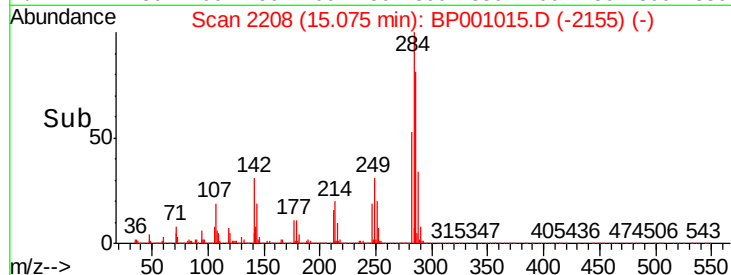
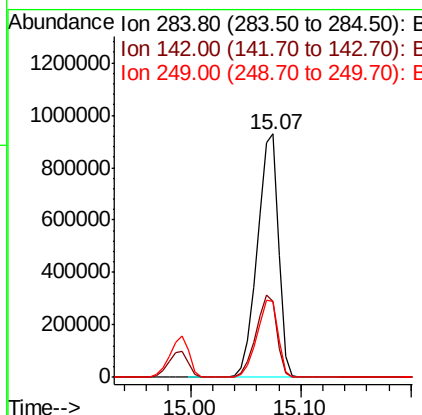
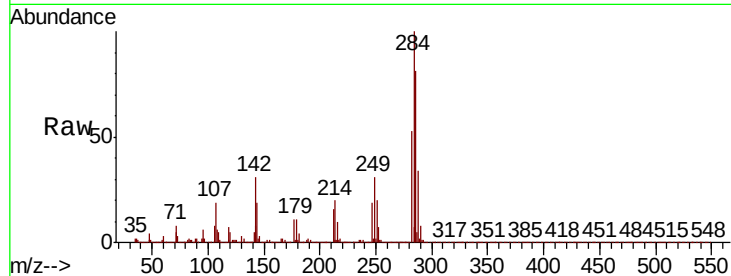




#68
Hexachlorobenzene
Concen: 106.652 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

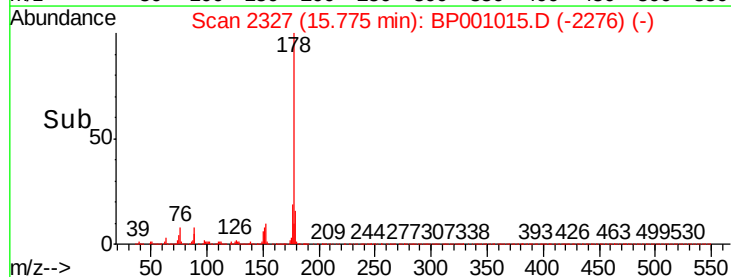
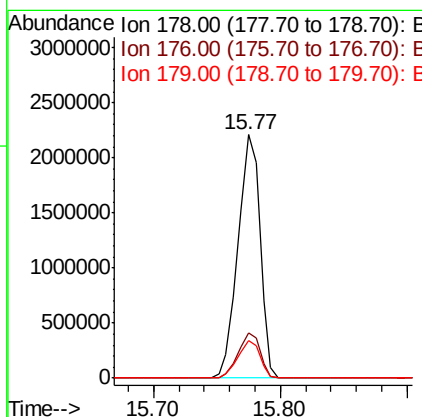
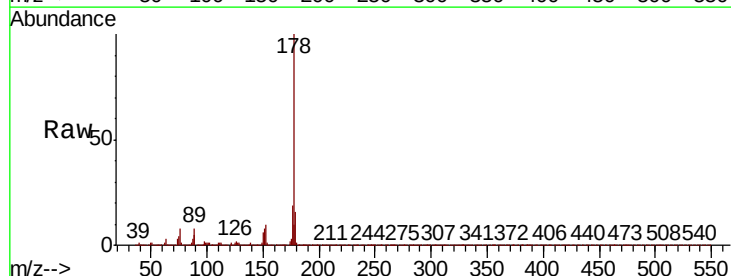
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

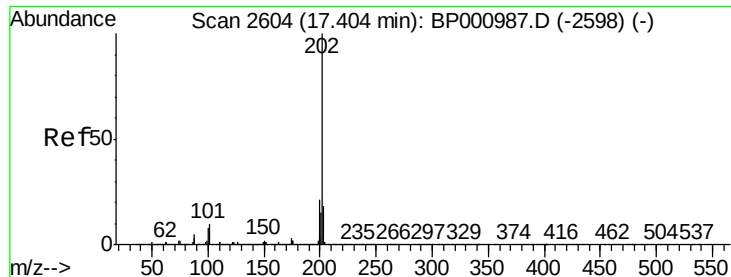
Tot Ion:284 Resp: 1245451
Ion Ratio Lower Upper
284 100
142 31.0 25.8 38.8
249 31.3 25.4 38.0



#72
Anthracene
Concen: 61.901 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:178 Resp: 2645555
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.3 18.5





#75

Fluoranthene

Concen: 60.029 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

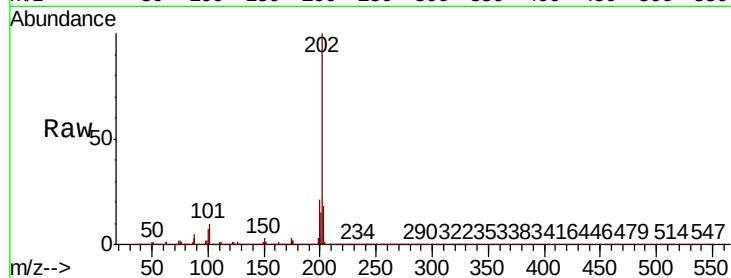
BNA_P

ClientSampleId :

PT-BNA-SOIL

Tot Ion:202 Resp: 2972660

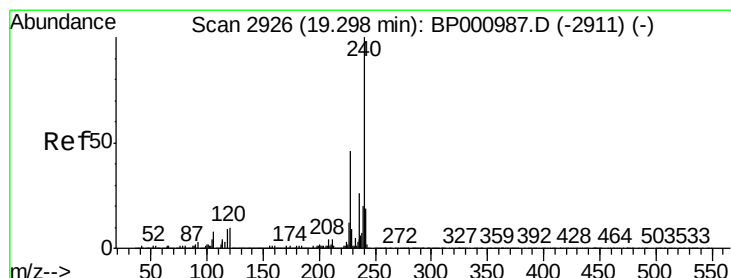
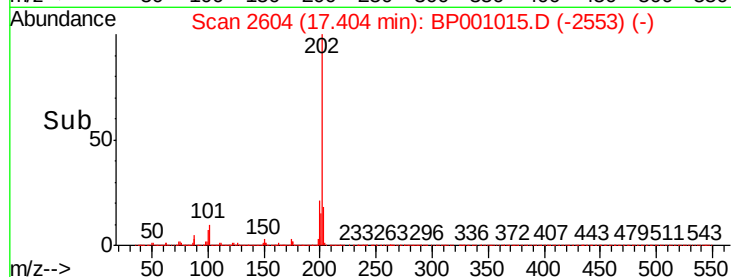
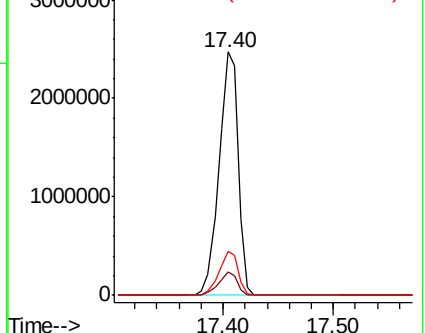
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.1
203	17.9	0.0	37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2925

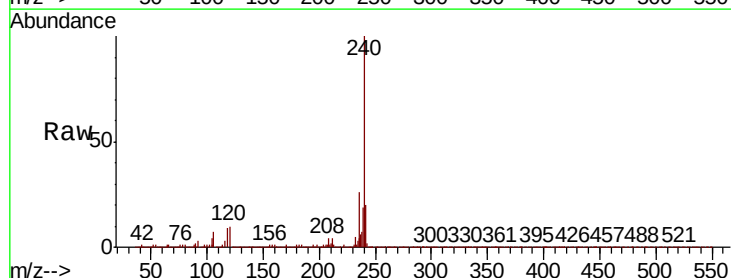
Delta R.T. -0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Tgt Ion:240 Resp: 770874

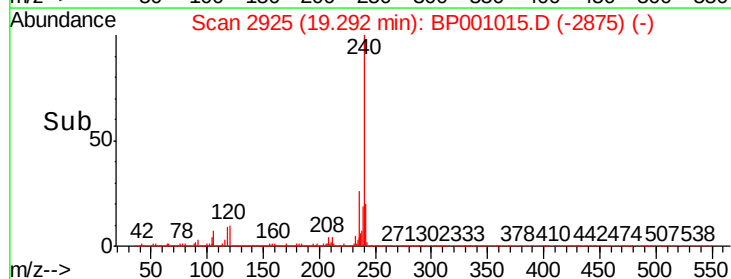
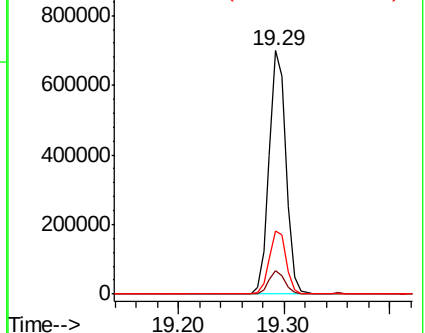
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.2	12.2
236	26.1	20.5	30.7

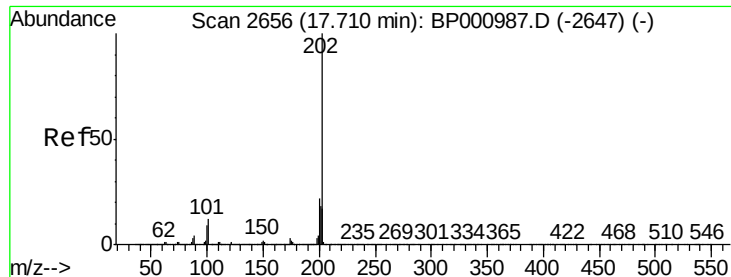


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 132.984 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

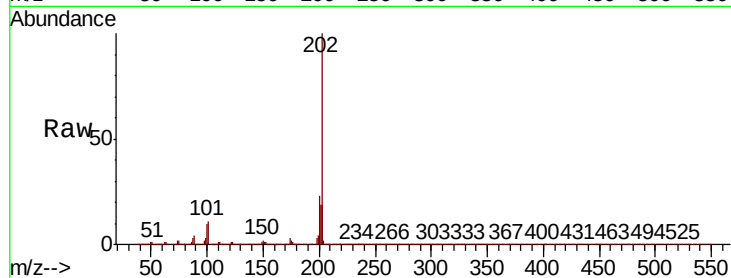
Tot Ion:202 Resp: 7244744

Ion Ratio Lower Upper

202 100

200 23.3 17.2 25.8

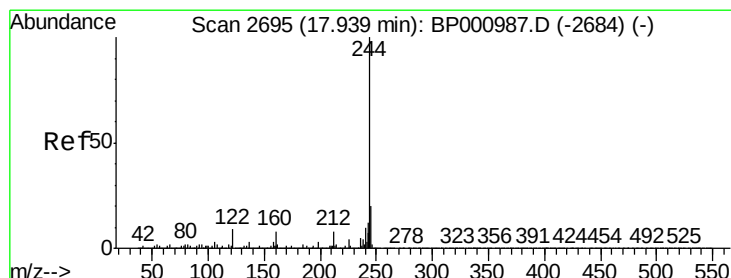
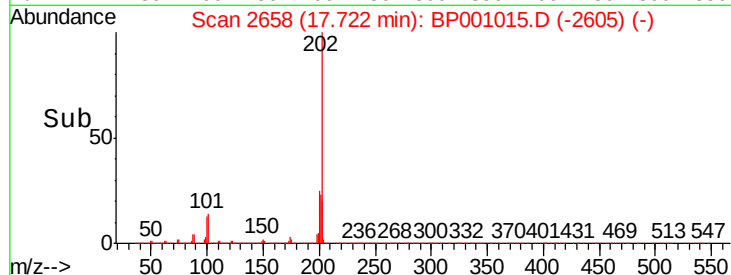
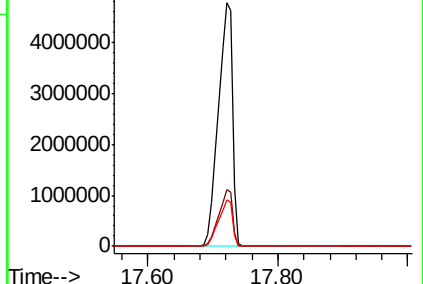
203 18.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 86.576 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

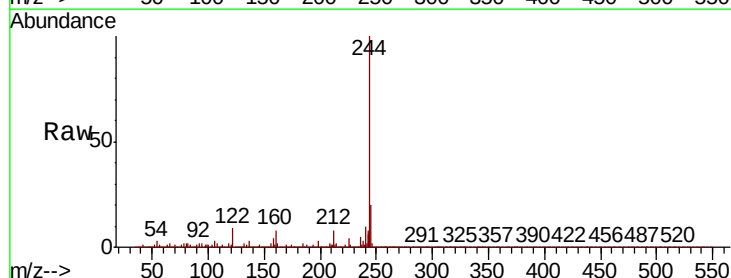
Tgt Ion:244 Resp: 3355177

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

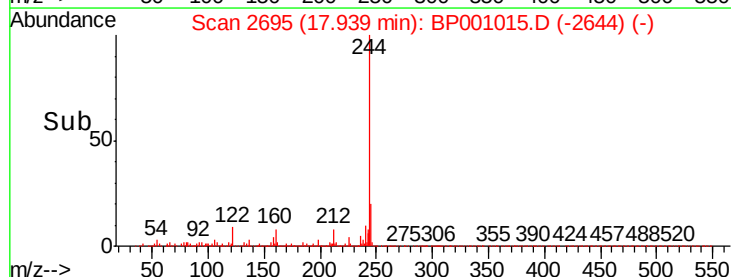
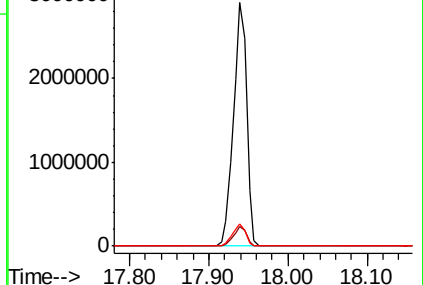
122 9.2 7.4 11.2

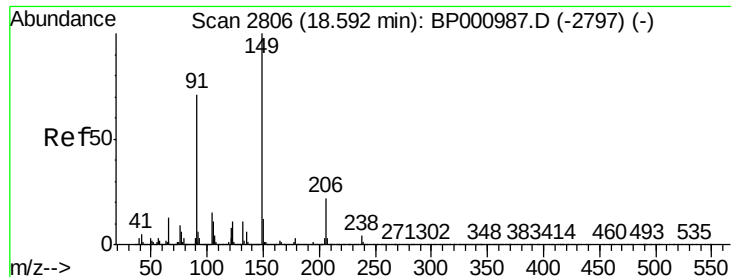


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

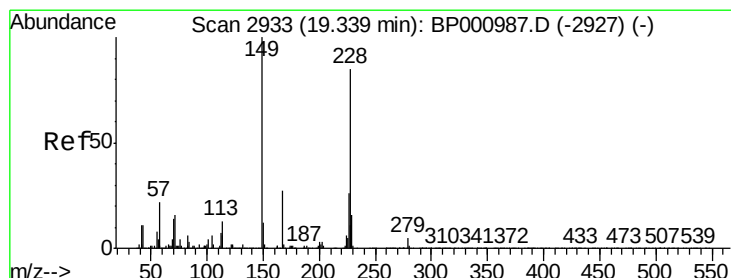
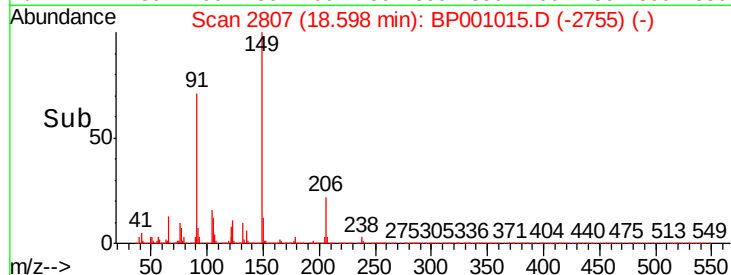
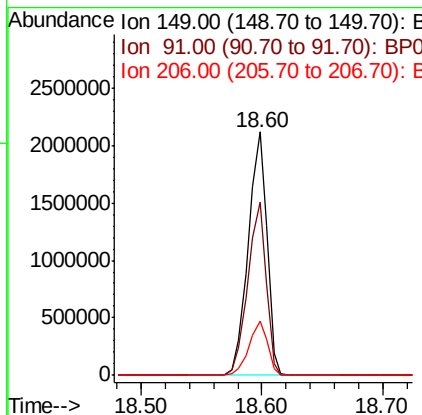
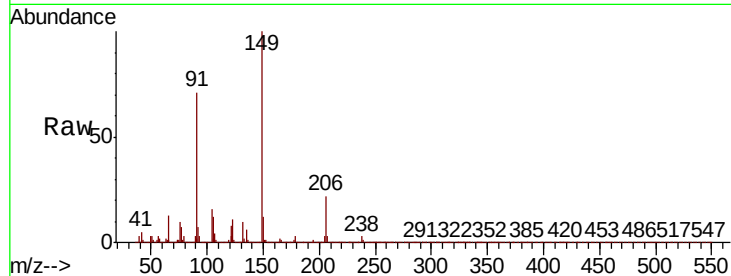




#80
Butylbenzylphthalate
Concen: 106.751 ng
RT: 18.60 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

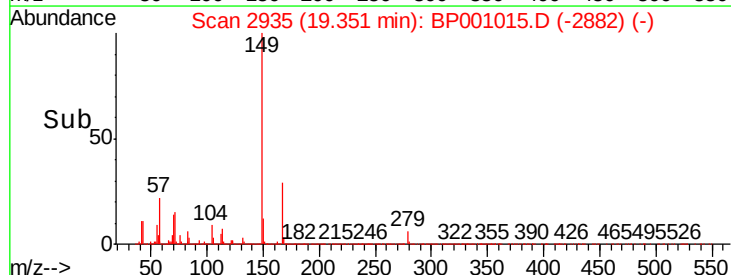
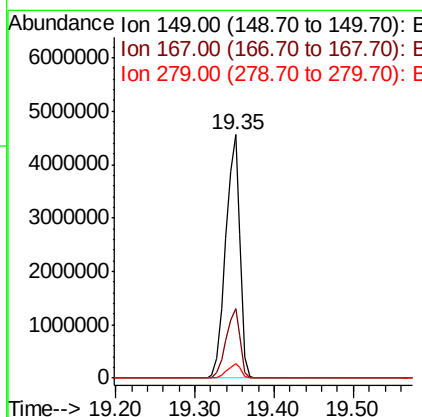
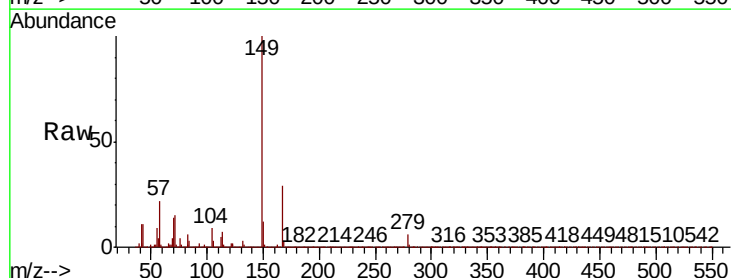
Instrument :
BNA_P
ClientSampled :
PT-BNA-SOIL

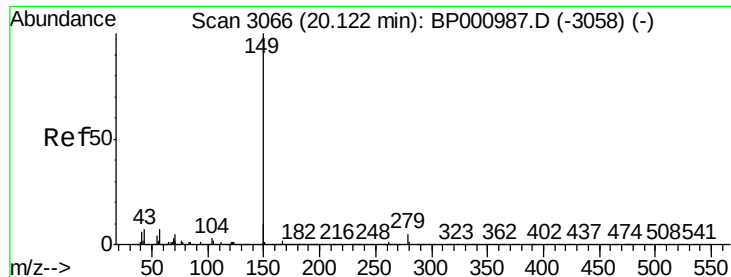
Tot Ion:149 Resp: 2302773
Ion Ratio Lower Upper
149 100
91 71.0 56.6 84.8
206 22.3 18.0 27.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 205.430 ng
RT: 19.35 min Scan# 2935
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:149 Resp: 5634345
Ion Ratio Lower Upper
149 100
167 28.8 21.4 32.2
279 5.8 3.7 5.5#





#85

Di-n-octyl phthalate

Concen: 153.653 ng

RT: 20.13 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

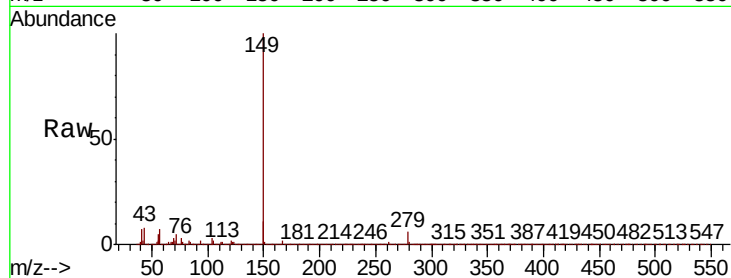
Tot Ion:149 Resp: 7586768

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

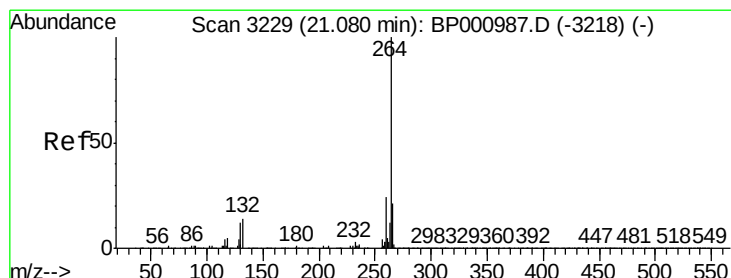
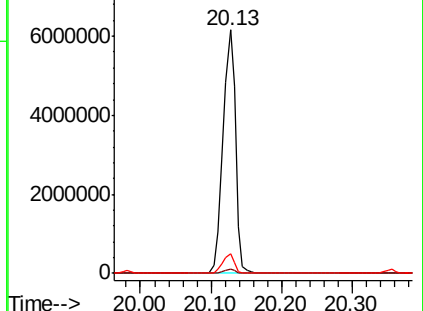
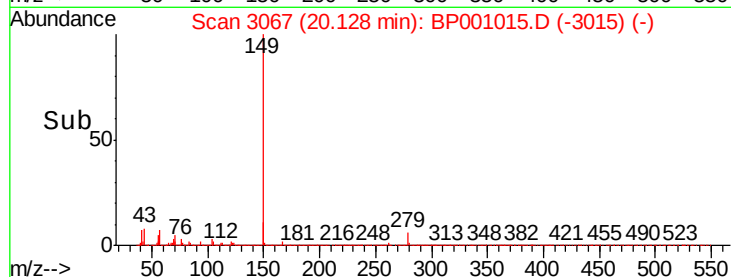
43 7.3 5.6 8.4



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): BP0



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BP001015.D

Acq: 08 Nov 2019 14:40

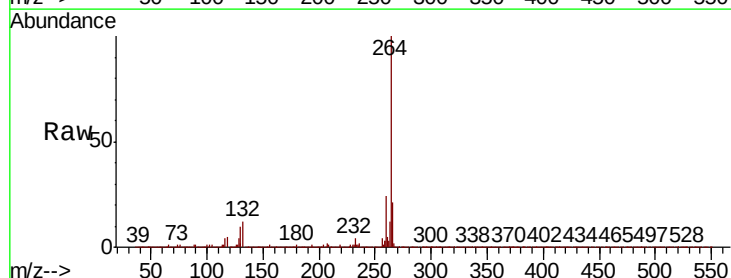
Tgt Ion:264 Resp: 862912

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

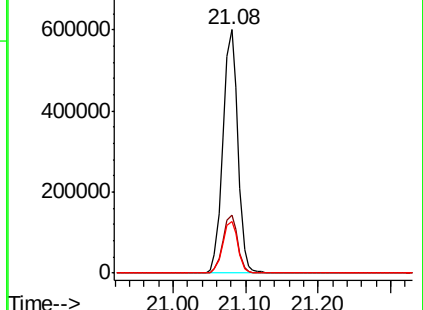
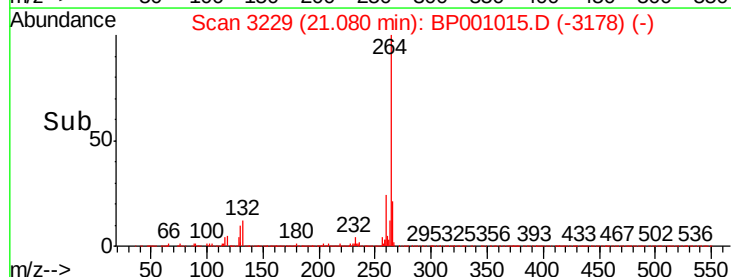
265 21.4 17.1 25.7

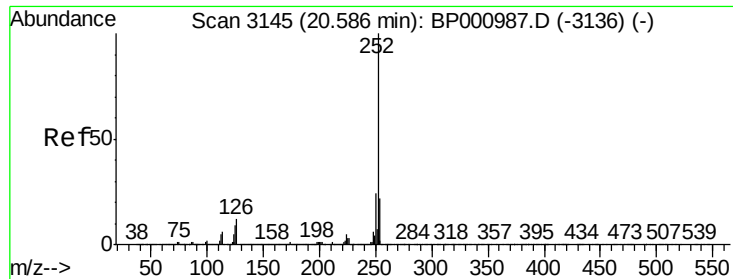


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

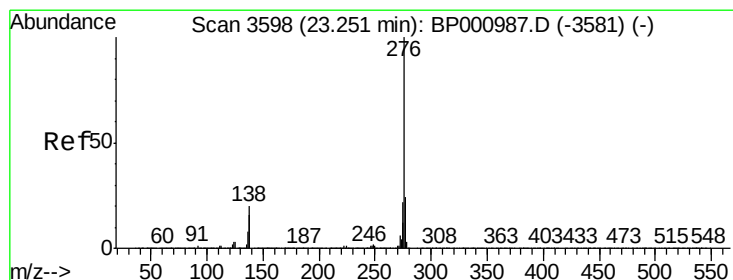
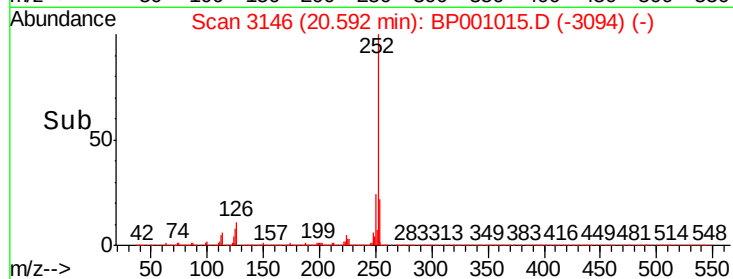
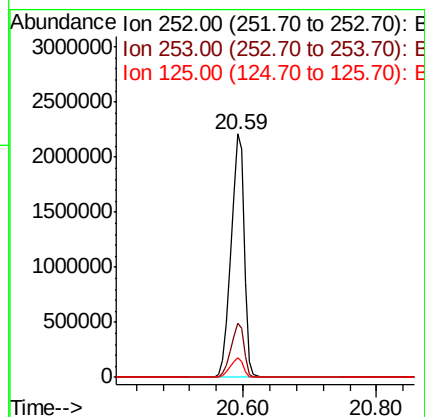
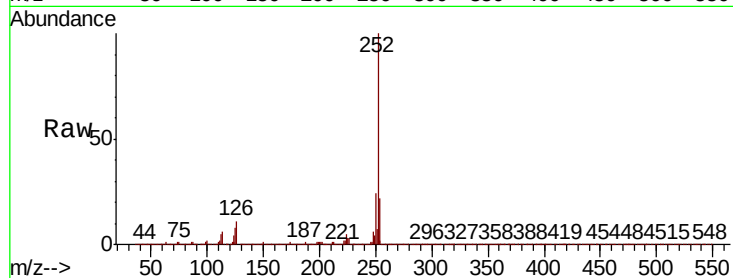




#88
Benzo(b)fluoranthene
Concen: 60.341 ng
RT: 20.59 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Tot Ion:252 Resp: 3103778
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.9 7.3 10.9



#92
Benzo(g,h,i)perylene
Concen: 83.274 ng
RT: 23.27 min Scan# 3601
Delta R.T. 0.02 min
Lab File: BP001015.D
Acq: 08 Nov 2019 14:40

Tgt Ion:276 Resp: 4047748
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 16.6 15.7 23.5

