

Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Time: Nov 13 01:03:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180186	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	712183	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	315768	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	525260	20.00	ng	0.00
75) Chrysene-d12	14.06	240	382215	20.00	ng	0.00
86) Perylene-d12	15.56	264	343649	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	320143	28.48	ng	0.00
7) Phenol-d6	6.53	99	1060814	76.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	755139	70.10	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	42453	13.19	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1224961	59.07	ng	0.00
78) Terphenyl-d14	13.01	244	891452	53.59	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	66107	4.54	ng	86
19) n-Nitroso-di-n-propylamine	7.46	70	99831	10.39	ng	# 82
25) Isophorone	7.46	82	754753	33.34	ng	# 64
26) 2-Nitrophenol	7.80	139	114	5.40	ng	# 1
31) Naphthalene	8.20	128	115298	3.36	ng	98
32) Benzoic acid	7.86	122	1061	9.48	ng	92
37) 2-Methylnaphthalene	8.89	142	123408	5.42	ng	99
47) 2-Nitroaniline	9.46	65	1529	3.03	ng	# 27
49) Dimethylphthalate	9.65	163	210570	8.73	ng	99
51) Acenaphthene	9.97	154	53670	2.69	ng	97
57) Fluorene	10.49	166	66021	3.22	ng	99
62) Azobenzene	10.65	77	168320	7.41	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.75	198	709	8.79	ng	# 1
70) Phenanthrene	11.45	178	416756	15.07	ng	98
71) Anthracene	11.50	178	96263	3.43	ng	99
74) Fluoranthene	12.64	202	366821	12.52	ng	96
77) Pyrene	12.87	202	344424	12.64	ng	100
79) Butylbenzylphthalate	13.48	149	58975	5.31	ng	96
80) Benzo(a)anthracene	14.05	228	164283	7.14	ng	95
82) Chrysene	14.09	228	160477	7.20	ng	97
83) Bis(2-ethylhexyl)phthalate	14.04	149	34318	2.35	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.05	276	51221	2.84	ng	96
87) Benzo(b)fluoranthene	15.12	252	207808	10.21	ng	# 89
88) Benzo(k)fluoranthene	15.12	252	207293	10.78	ng	# 92
89) Benzo(a)pyrene	15.49	252	110767	6.14	ng	# 91
91) Benzo(g,h,i)perylene	17.51	276	50019	3.46	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TEC-RCA-SOIL

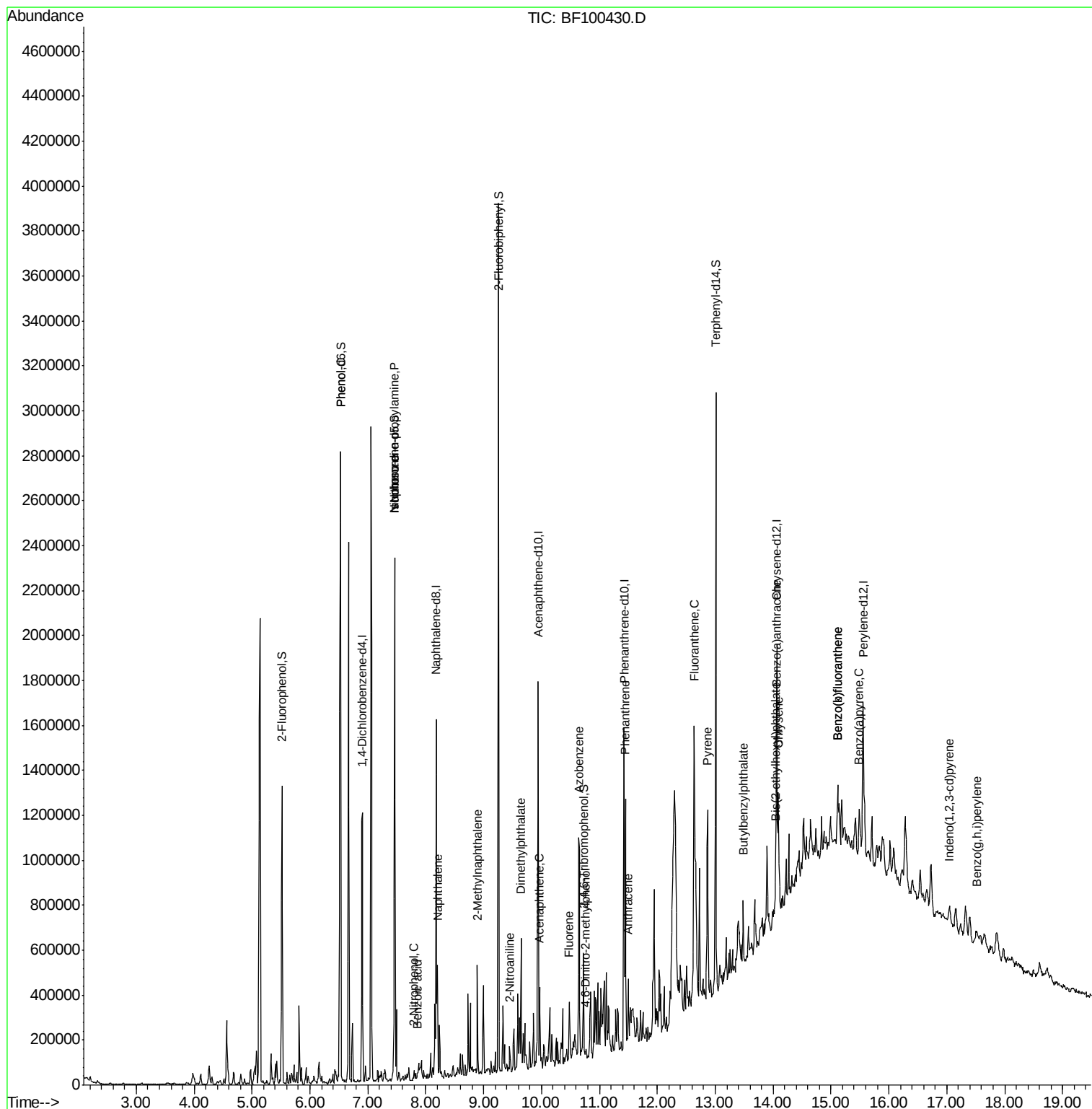
Quant Time: Nov 13 01:03:52 2017

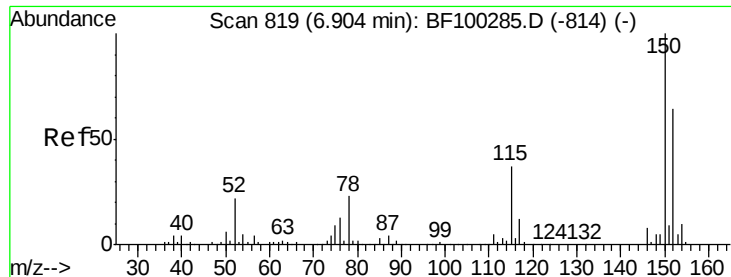
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

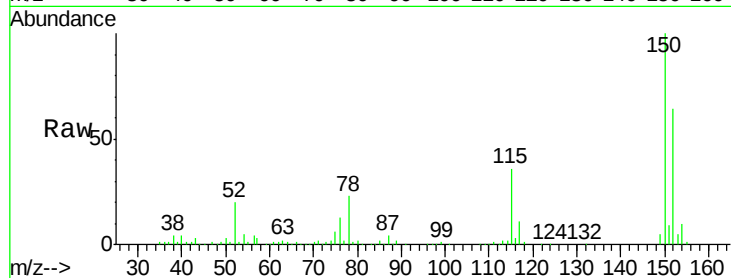
Tgt Ion:152 Resp: 180186

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

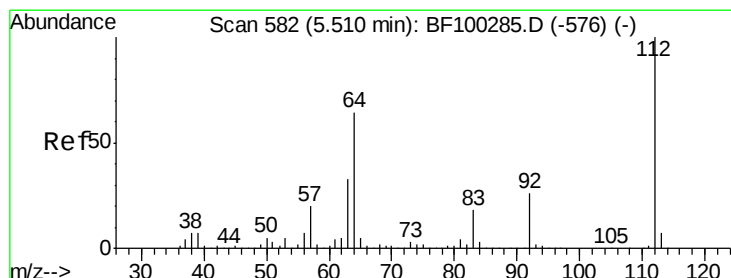
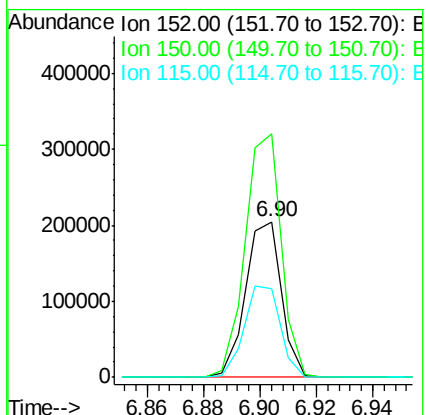
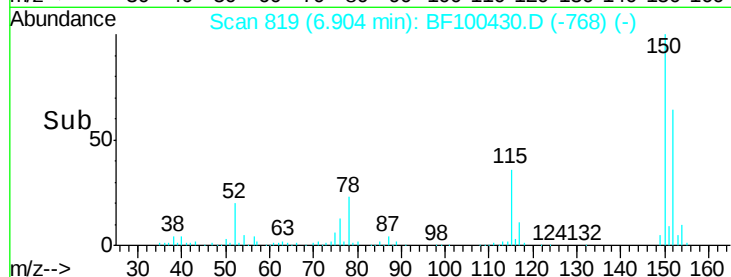
115 57.0 50.1 75.1



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: 28.48 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

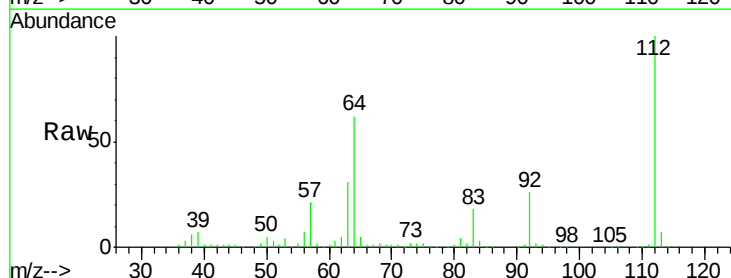
Tgt Ion:112 Resp: 320143

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

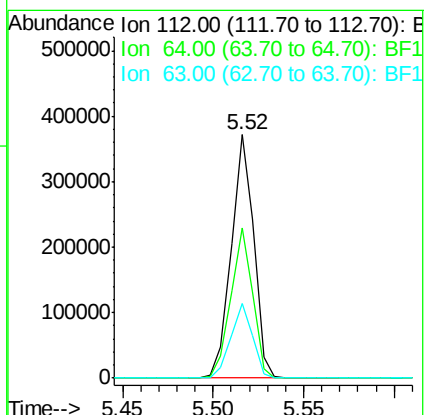
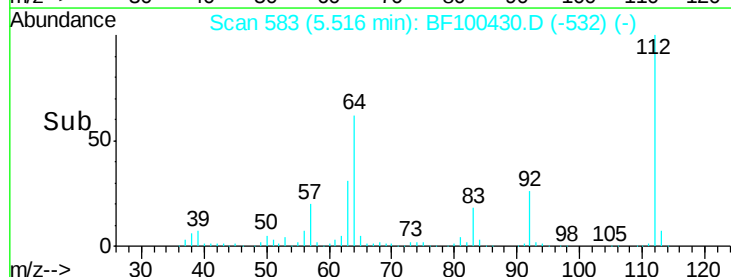
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.53 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

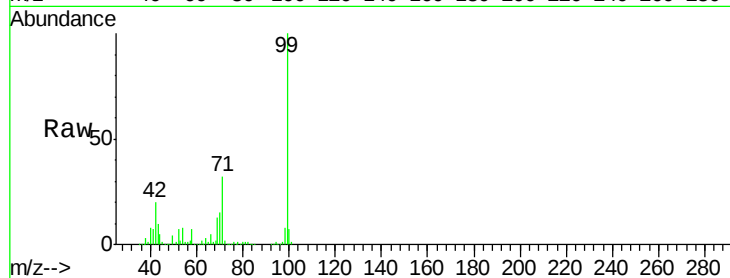
Tgt Ion: 99 Resp: 1060814

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

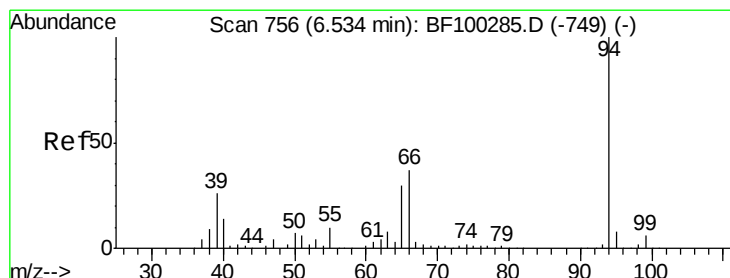
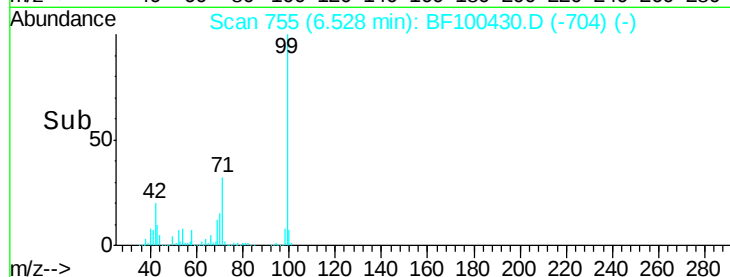
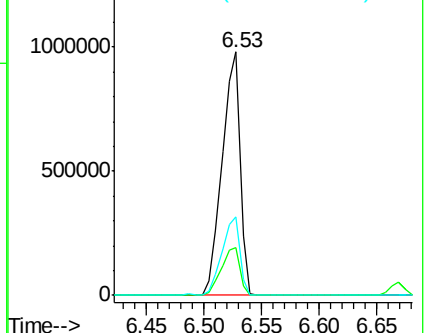
71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.54 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

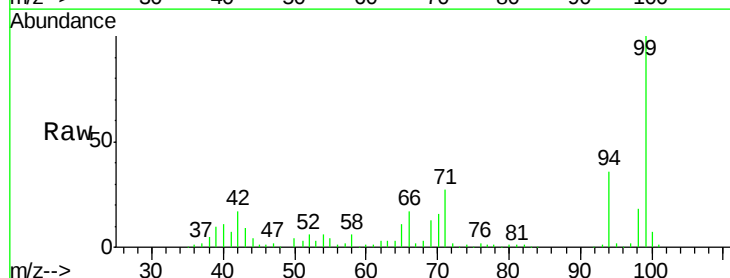
Tgt Ion: 94 Resp: 66107

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

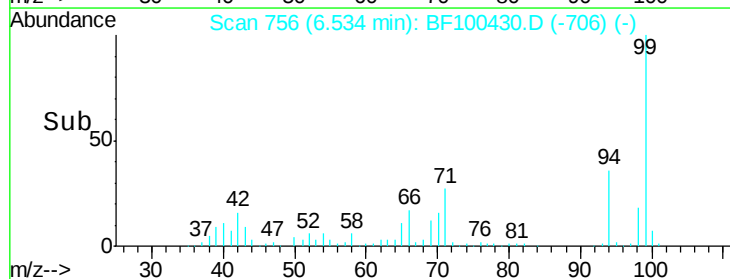
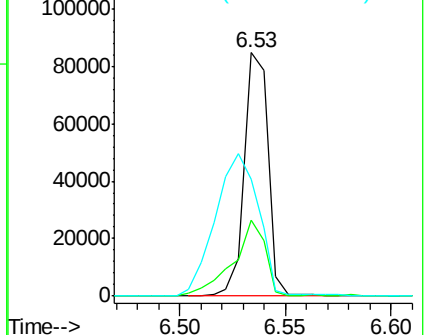
66 48.2 16.2 56.2

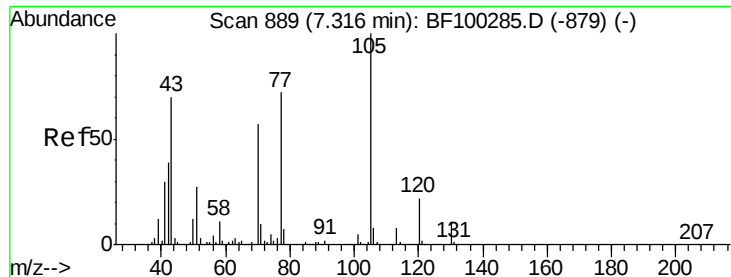


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

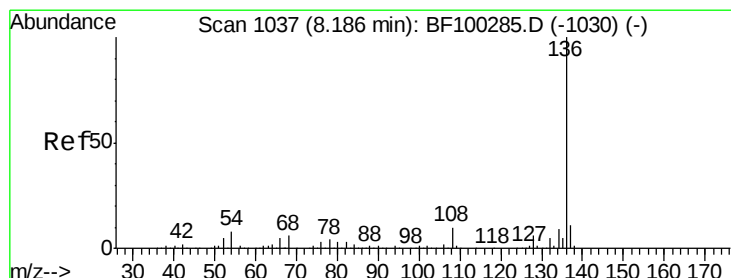
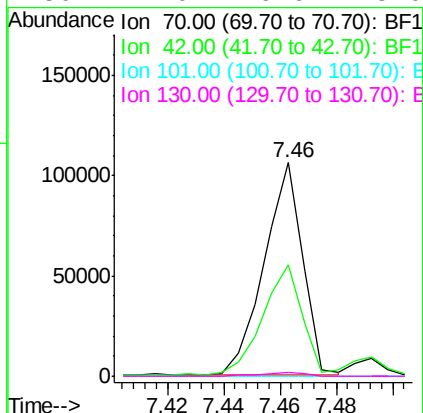
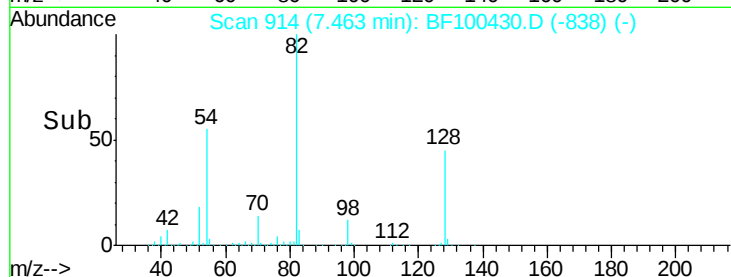
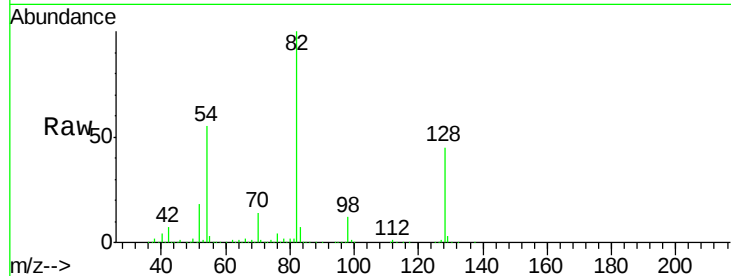




#19
n-Nitroso-di-n-propylamine
Concen: 10.39 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

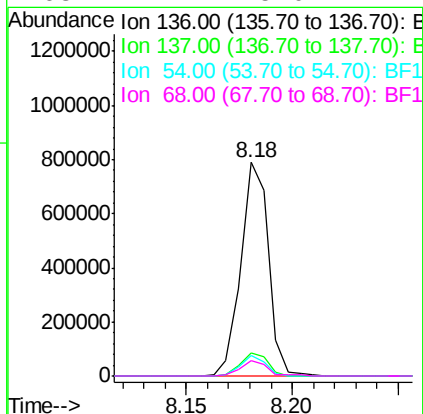
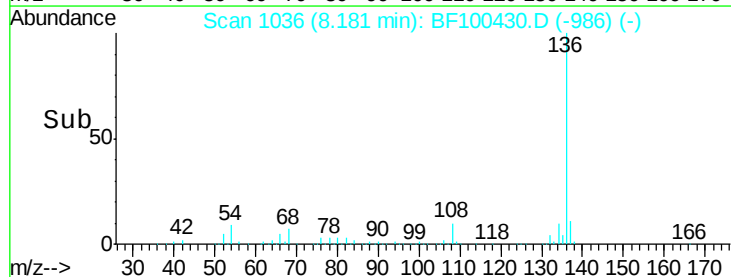
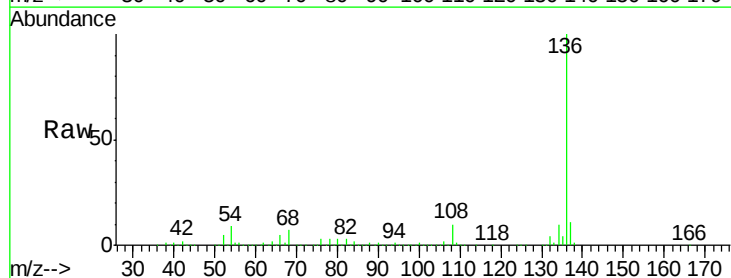
Instrument :
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Tgt Ion: 70 Resp: 99831
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion: 136 Resp: 712183
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 6.6 9.8
68 7.1 5.0 7.4

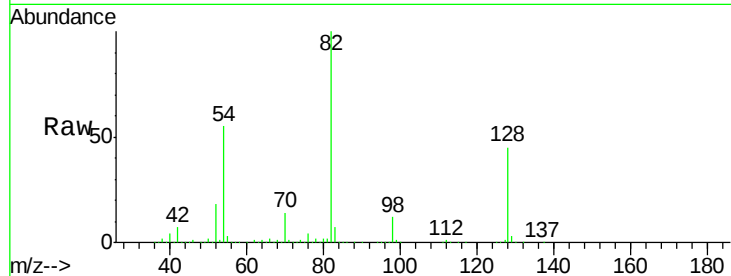




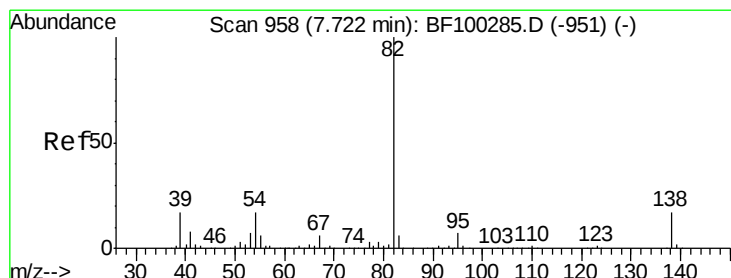
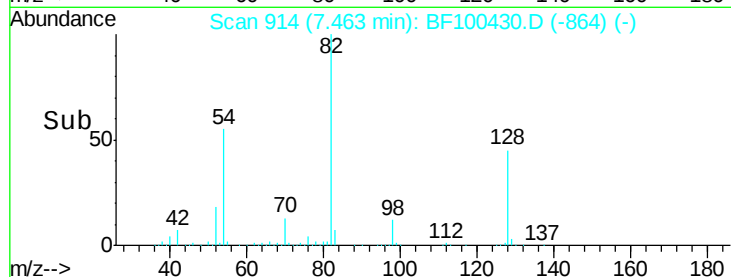
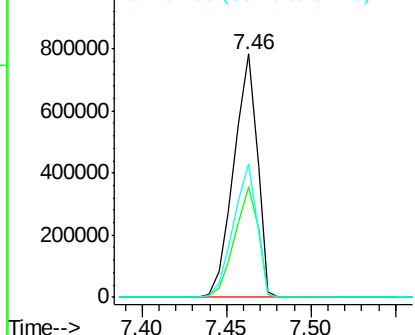
#23
Nitrobenzene-d5
Concen: 70.10 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.0	41.4	62.2

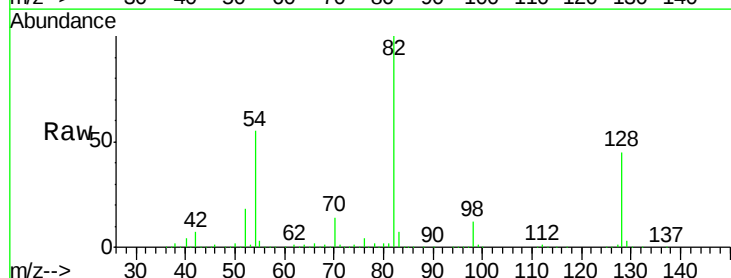


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

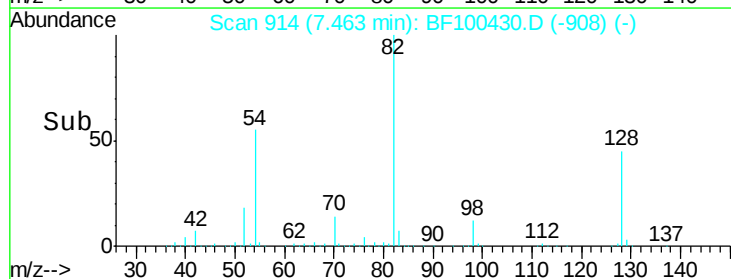
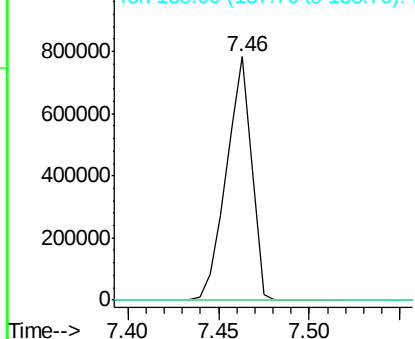


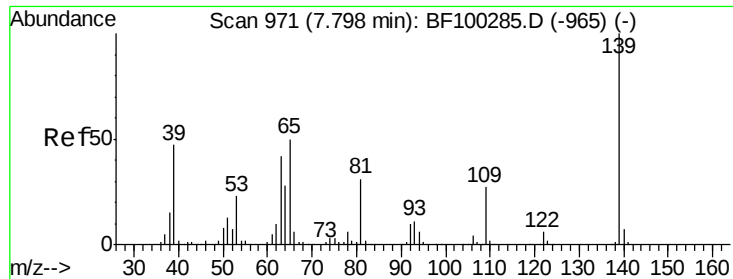
#25
Isophorone
Concen: 33.34 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 5.40 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

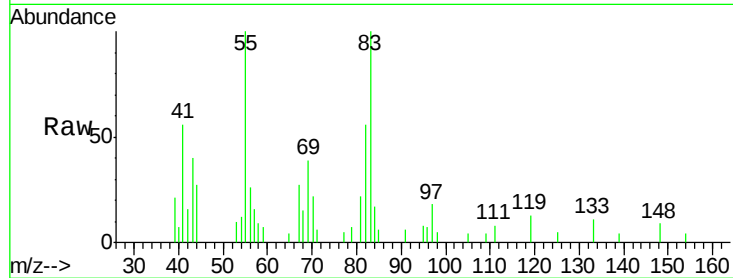
Tgt Ion:139 Resp: 114

Ion Ratio Lower Upper

139 100

109 111.2 22.7 34.1#

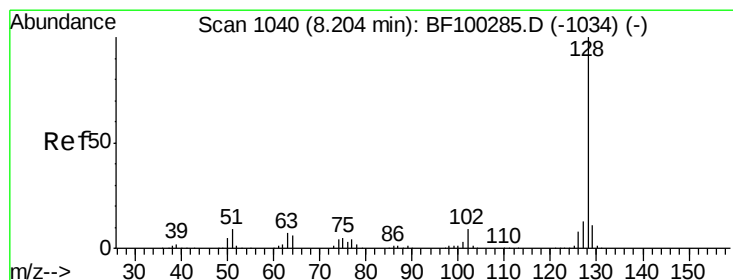
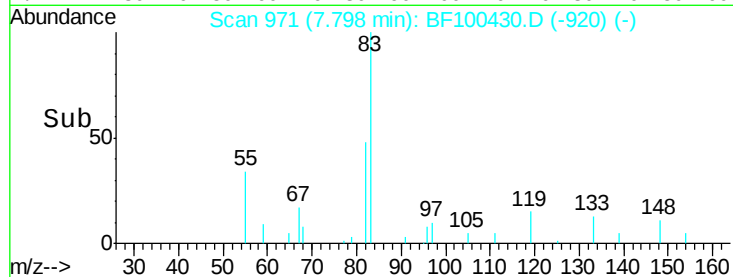
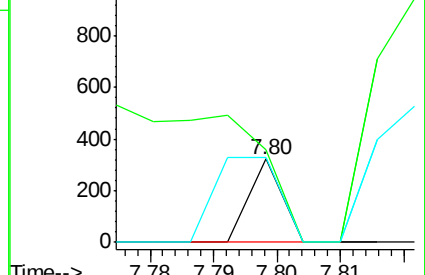
65 101.9 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 3.36 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

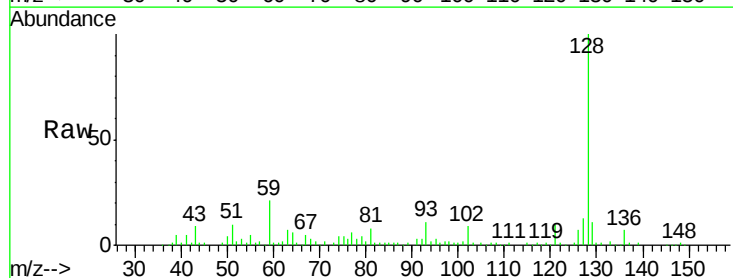
Tgt Ion:128 Resp: 115298

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

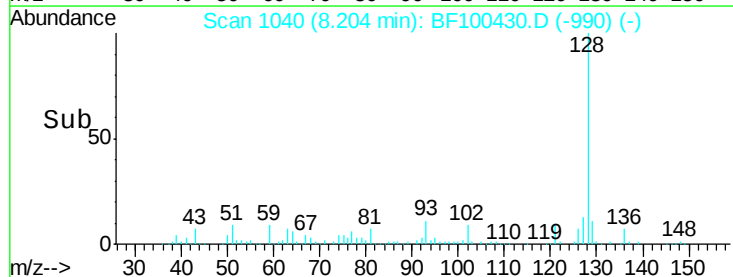
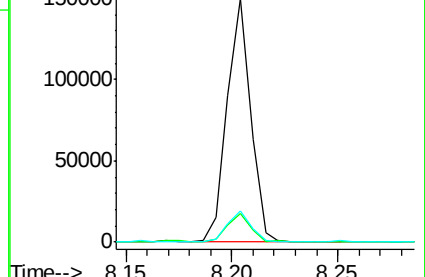
127 12.8 10.9 16.3

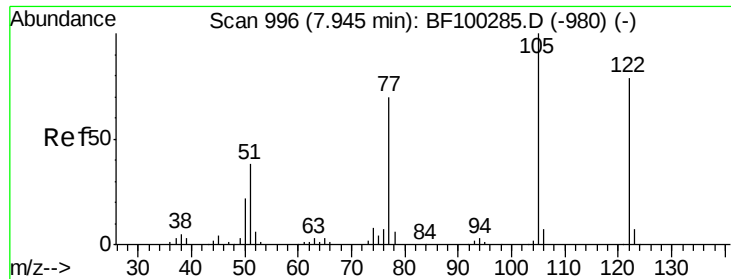


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 9.48 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

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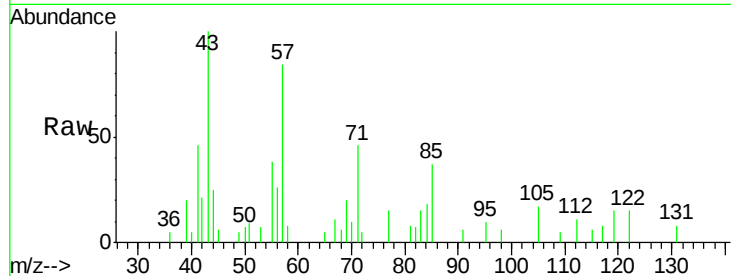
Tgt Ion:122 Resp: 1061

Ion Ratio Lower Upper

122 100

105 111.4 101.1 141.1

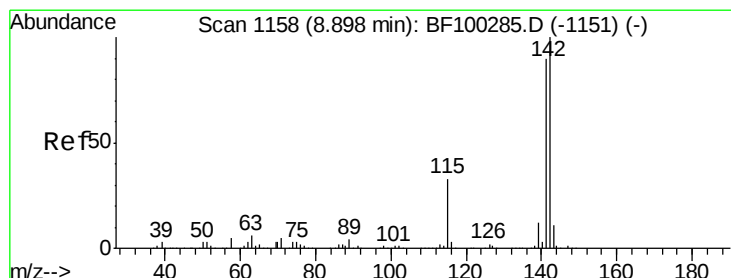
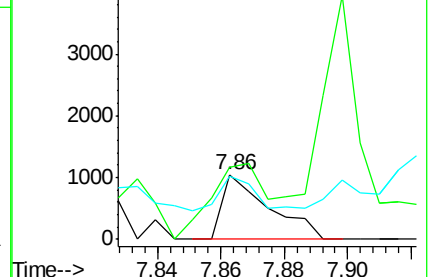
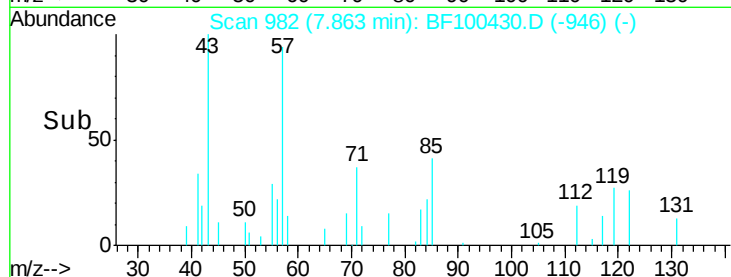
77 97.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 5.42 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

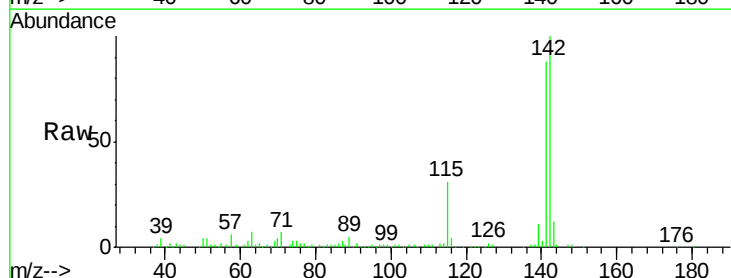
Tgt Ion:142 Resp: 123408

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2

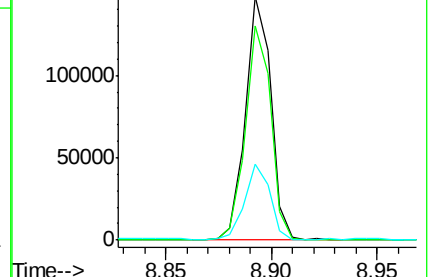
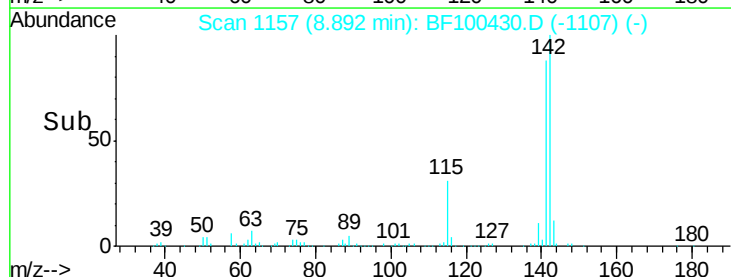
115 31.4 26.1 39.1

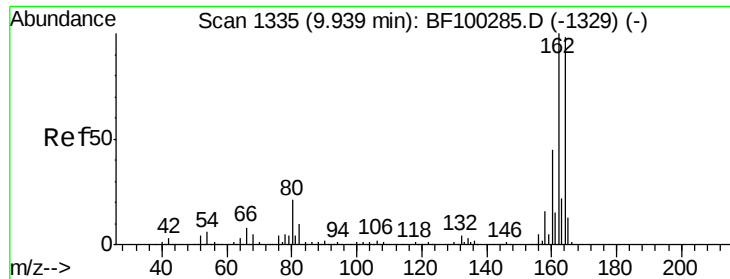


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

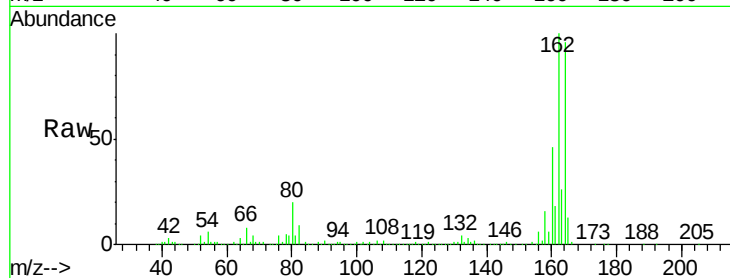




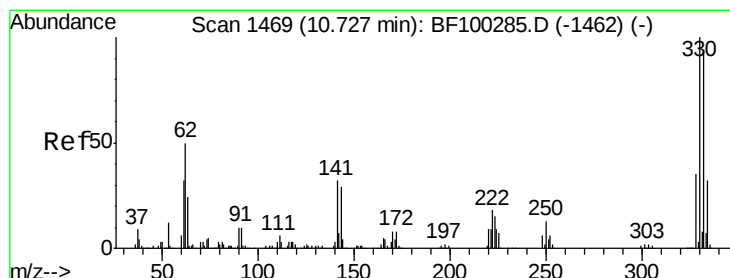
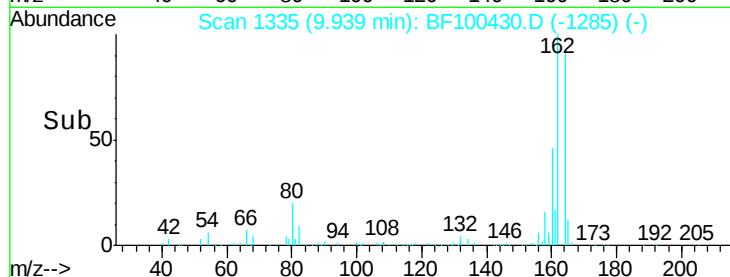
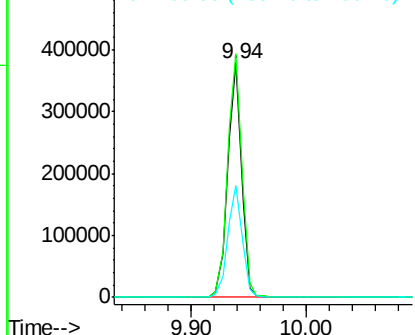
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion:164 Resp: 315768
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 47.8 38.3 57.5

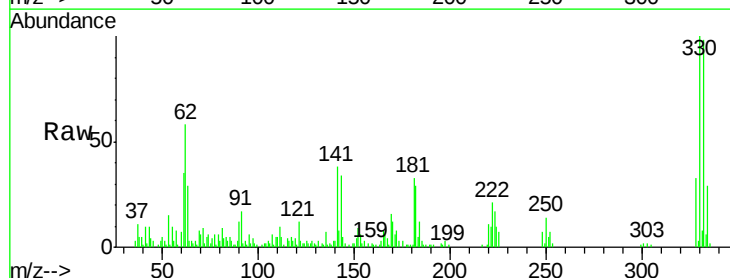


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

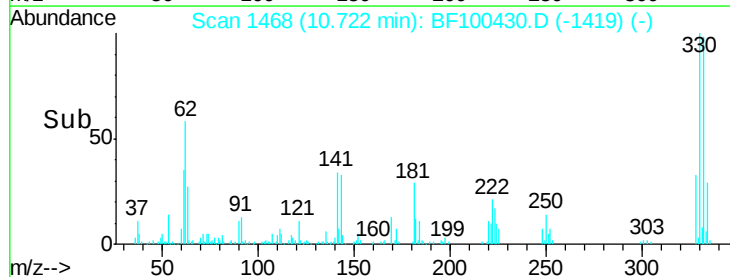
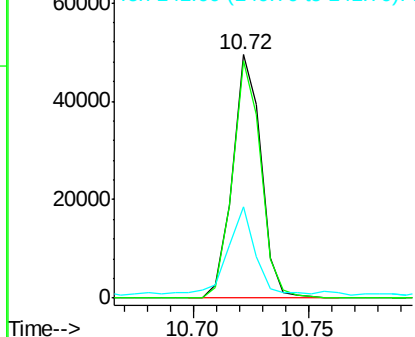


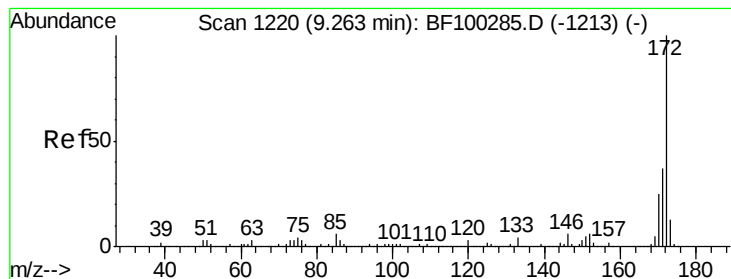
#41
2,4,6-Tribromophenol
Concen: 13.19 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion:330 Resp: 42453
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 34.4 29.9 44.9



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

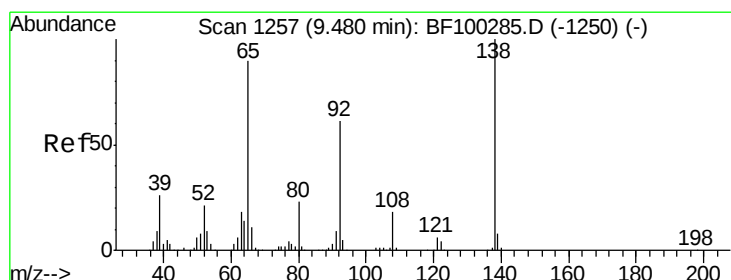
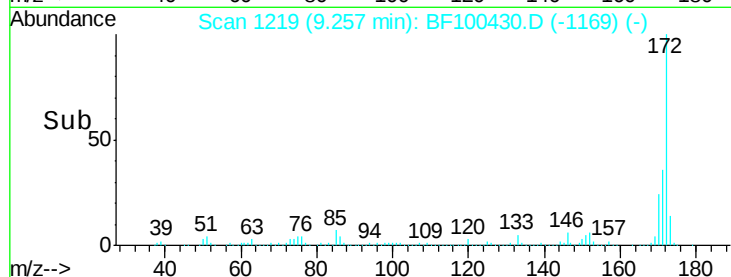
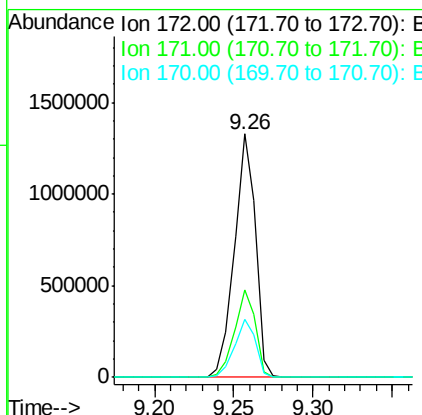
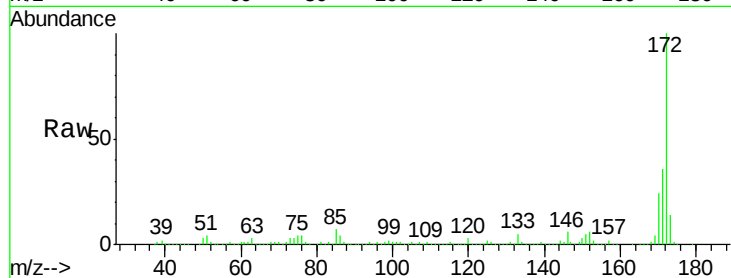




#44
 2-Fluorobiphenyl
 Concen: 59.07 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100430.D
 Acq: 11 Nov 2017 10:33

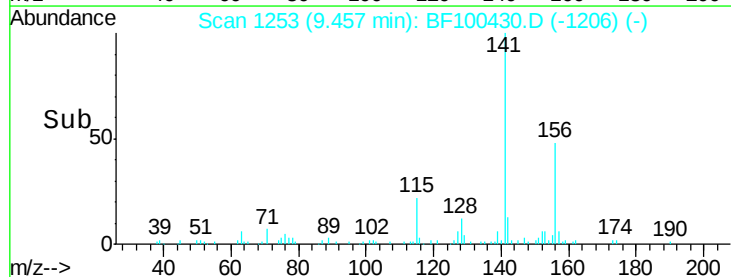
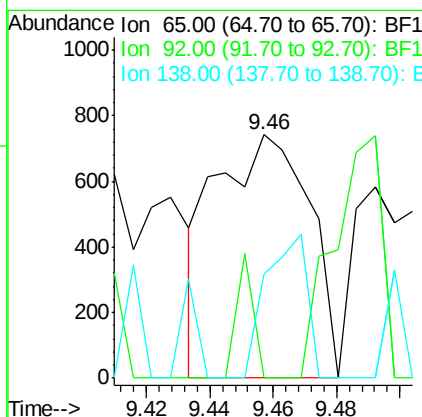
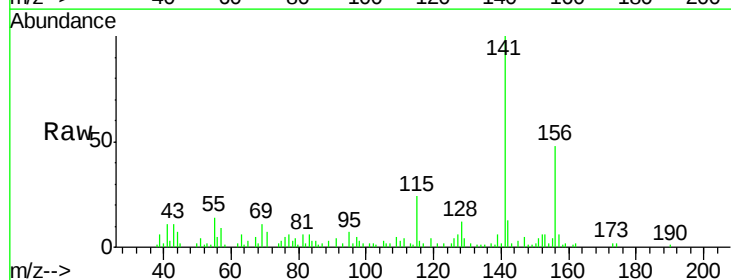
Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

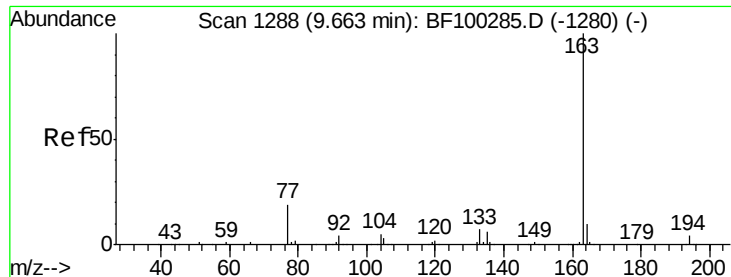
Tgt Ion: 172 Resp: 1224961
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.03 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF100430.D
 Acq: 11 Nov 2017 10:33

Tgt Ion: 65 Resp: 1529
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 42.6 91.2 136.8#

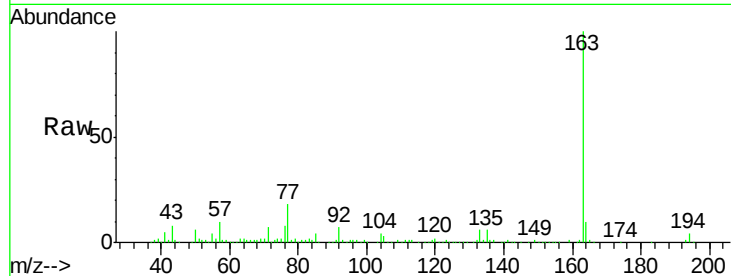




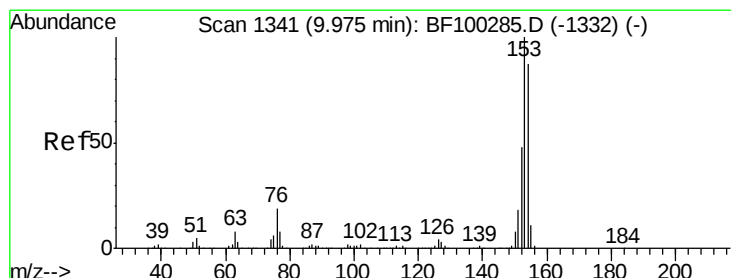
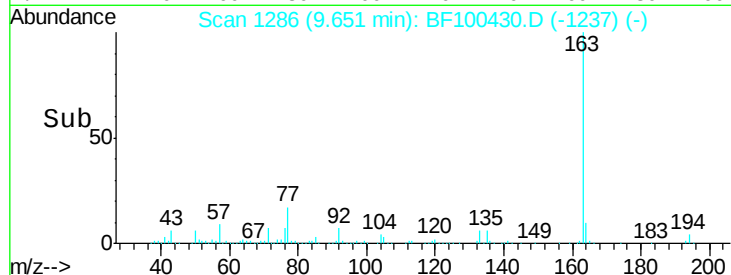
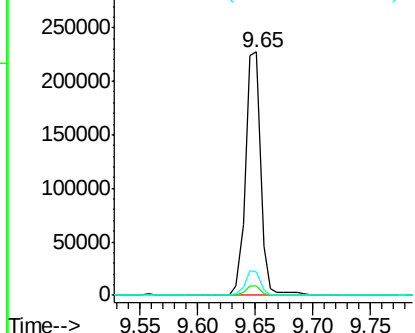
#49
Dimethylphthalate
Concen: 8.73 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion:163 Resp: 210570
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.8 8.2 12.2

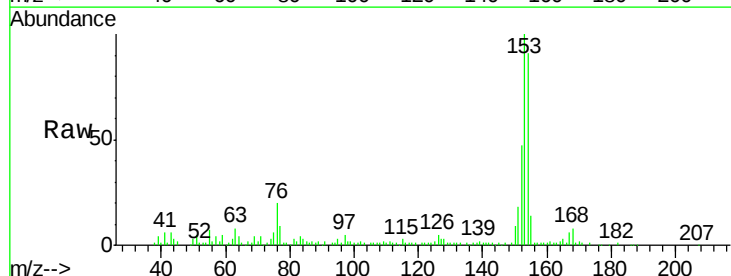


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

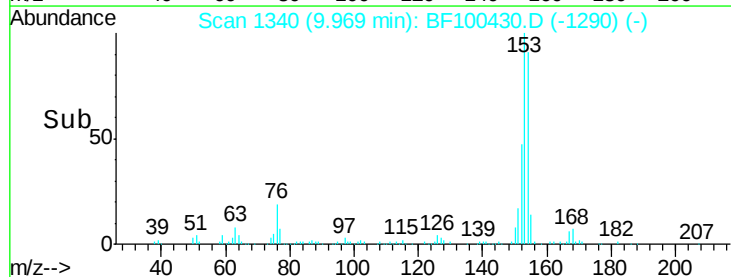
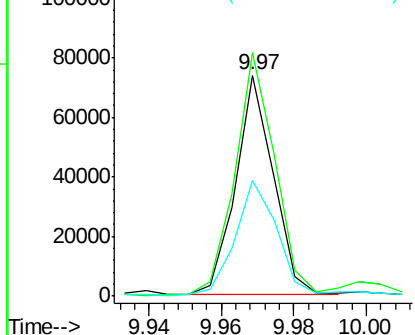


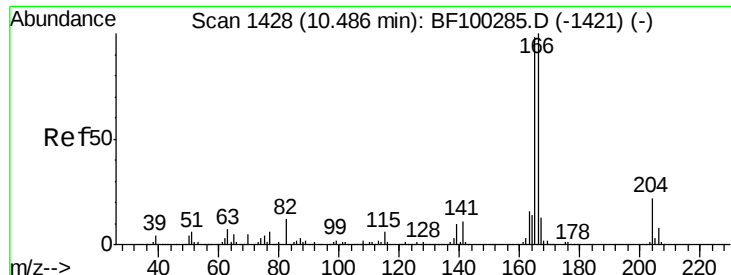
#51
Acenaphthene
Concen: 2.69 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion:154 Resp: 53670
Ion Ratio Lower Upper
154 100
153 110.3 91.2 136.8
152 52.2 43.8 65.8



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

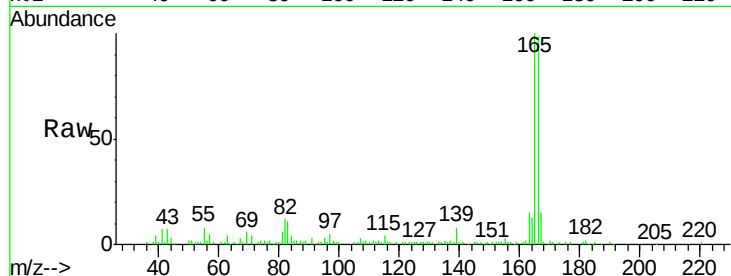




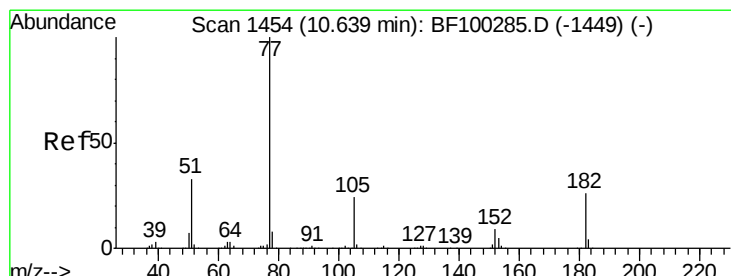
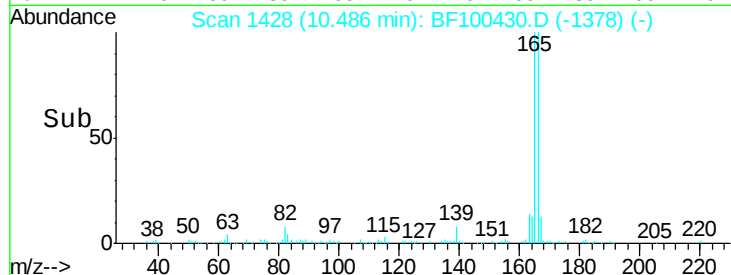
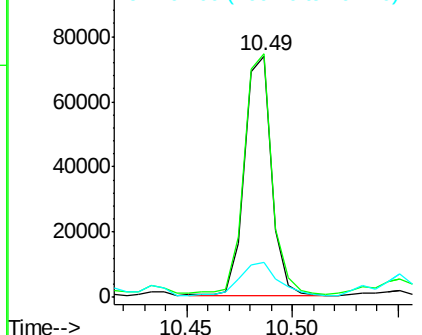
#57
Fluorene
 Concen: 3.22 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF100430.D
 Acq: 11 Nov 2017 10:33

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tgt Ion: 166 Resp: 66021
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.8 119.8
 167 14.7 10.6 16.0

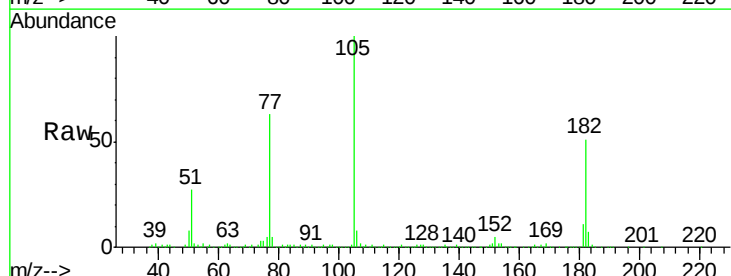


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

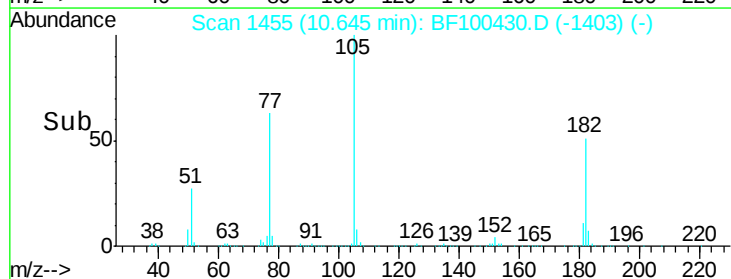
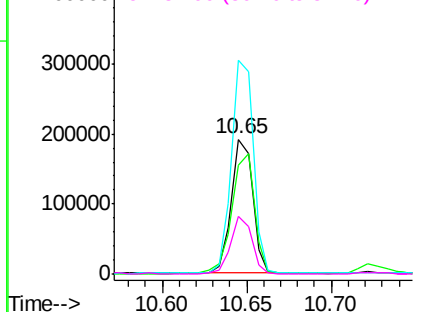


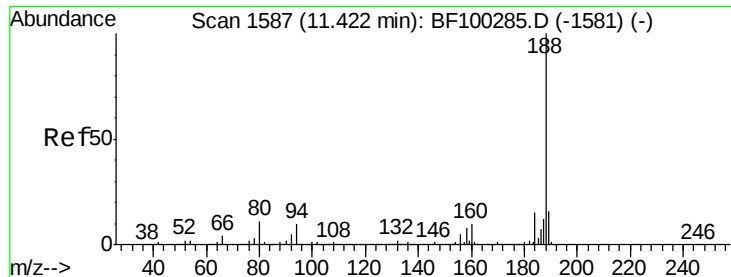
#62
Azobenzene
 Concen: 7.41 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF100430.D
 Acq: 11 Nov 2017 10:33

Tgt Ion: 77 Resp: 168320
 Ion Ratio Lower Upper
 77 100
 182 80.4 1.7 41.7#
 105 158.5 3.0 43.0#
 51 42.9 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF1

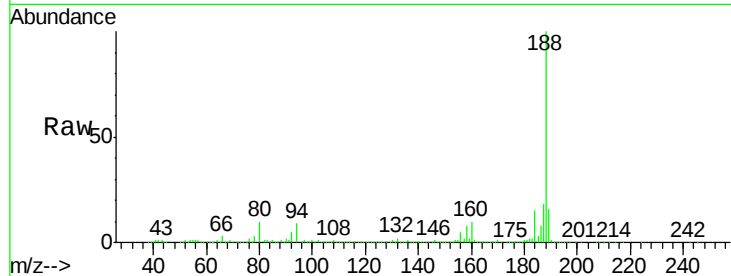




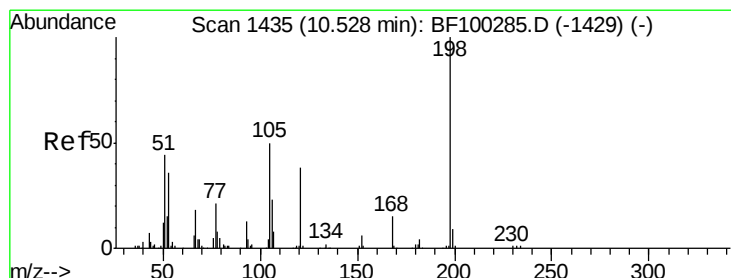
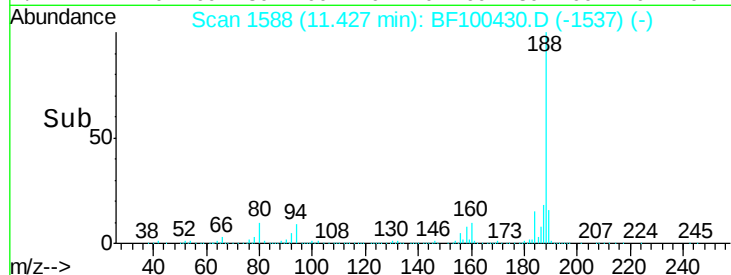
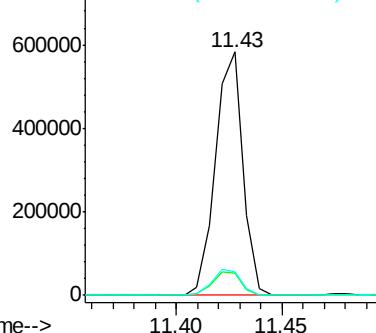
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion:188 Resp: 525260
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8

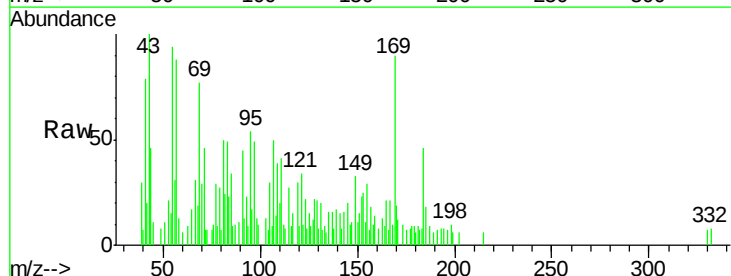


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

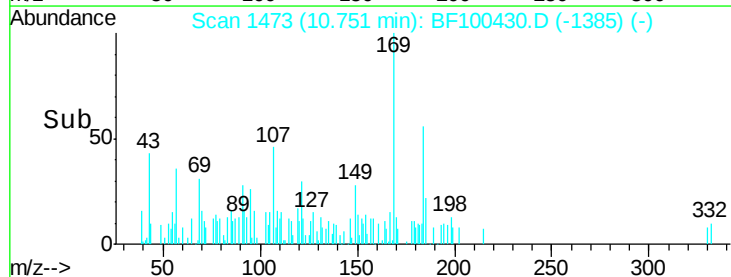
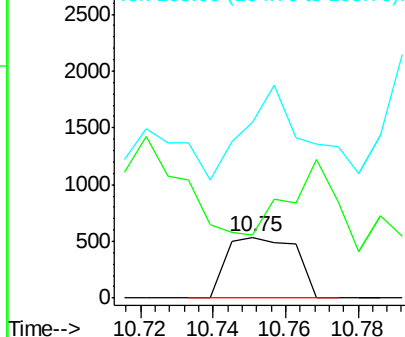


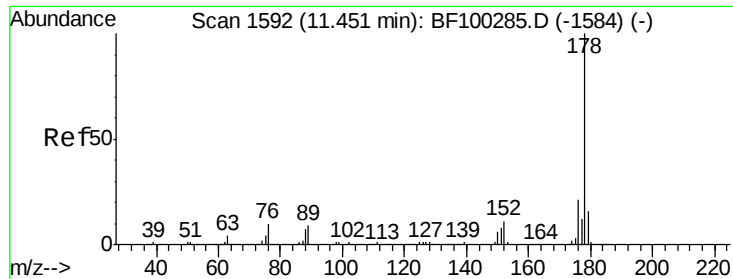
#64
4,6-Dinitro-2-methylphenol
Concen: 8.79 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.22 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion:198 Resp: 709
Ion Ratio Lower Upper
198 100
51 104.5 37.7 77.7#
105 289.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

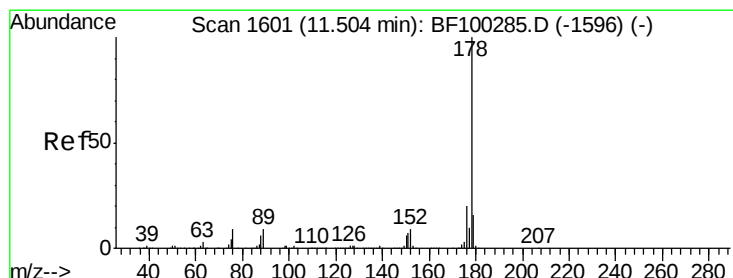
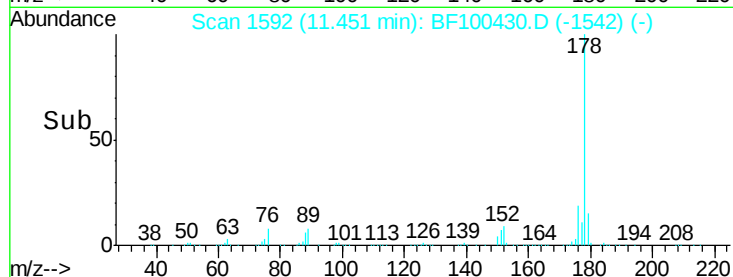
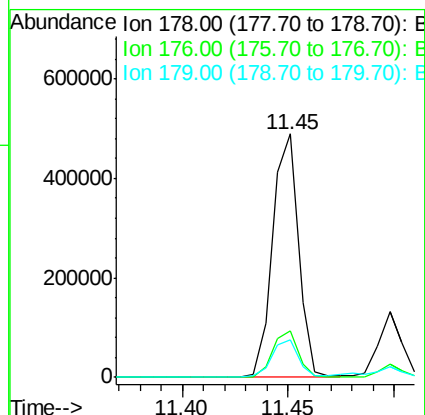
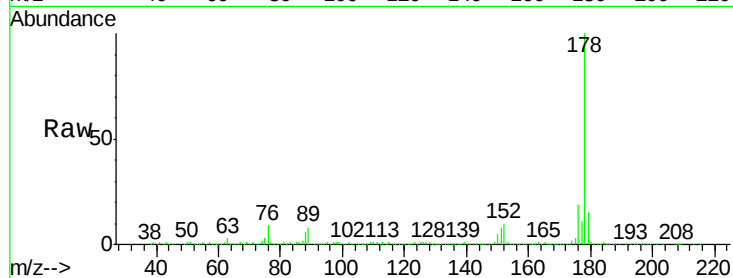




#70
Phenanthrene
Concen: 15.07 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

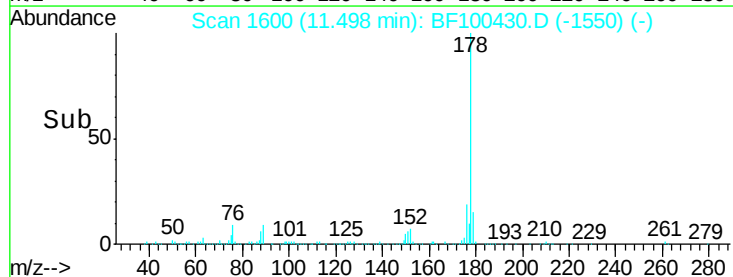
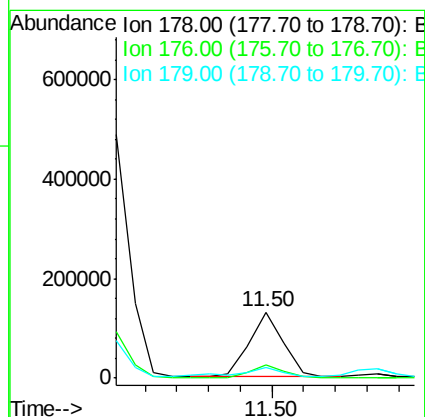
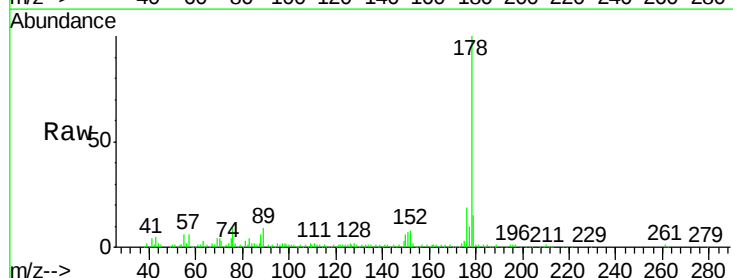
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

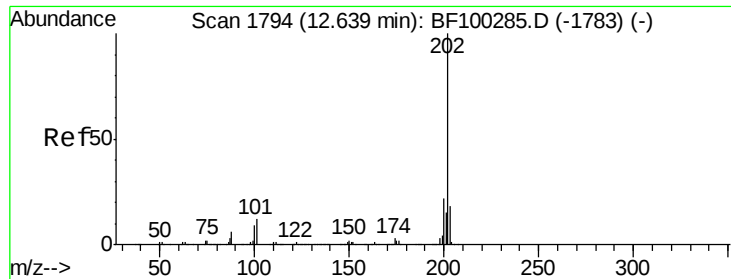
Tgt Ion:178 Resp: 416756
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.2 13.0 19.6



#71
Anthracene
Concen: 3.43 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion:178 Resp: 96263
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0





#74

Fluoranthene

Concen: 12.52 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

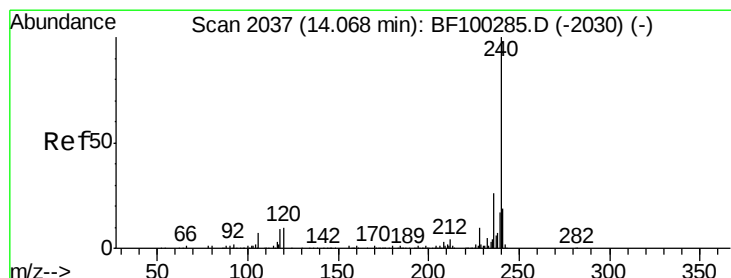
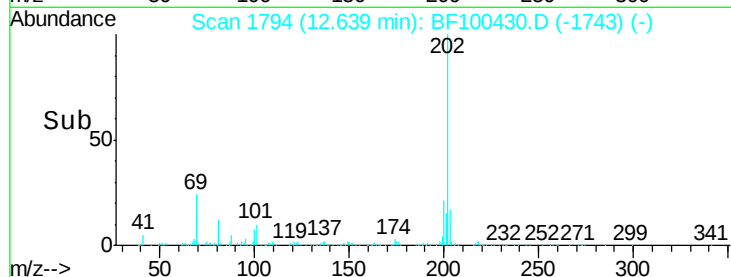
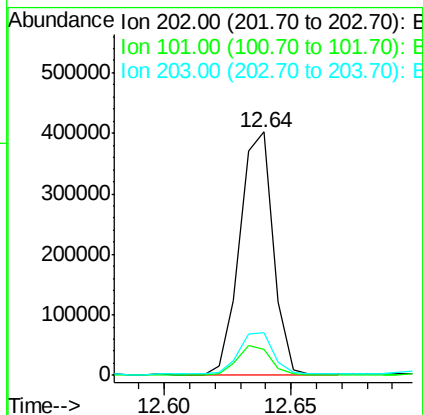
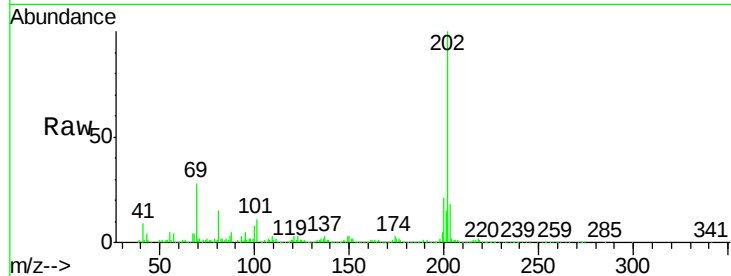
Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

Tgt Ion:	202	Resp:	366821
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.7	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

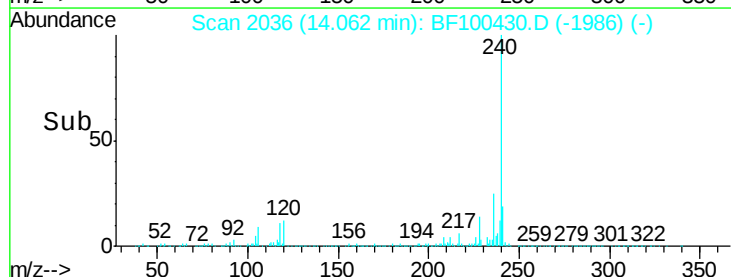
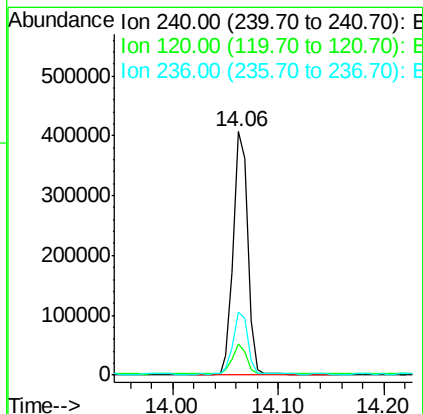
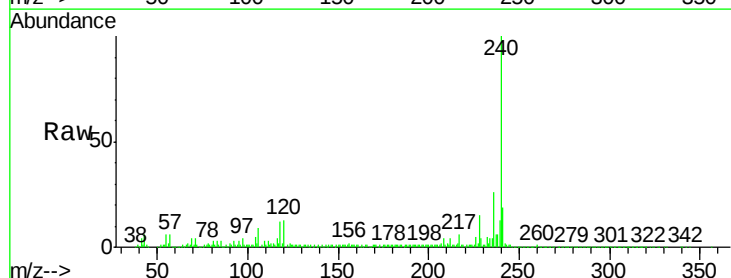
RT: 14.06 min Scan# 2036

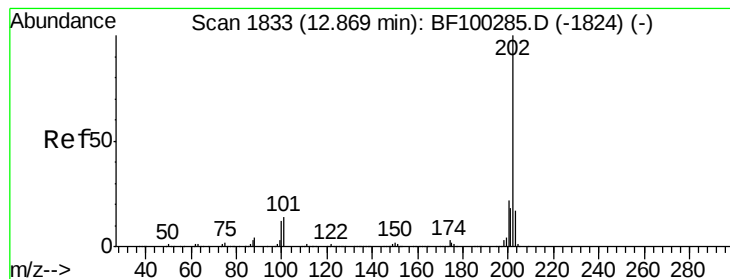
Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Tgt Ion:	240	Resp:	382215
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1





#77

Pyrene

Concen: 12.64 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

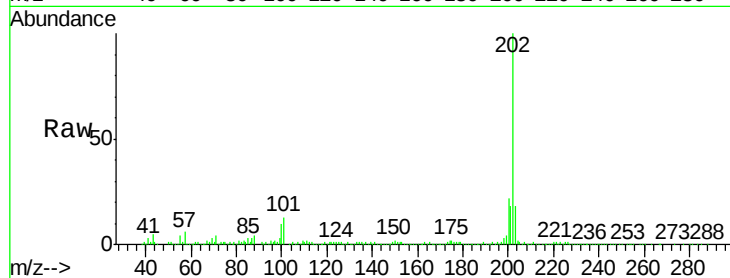
Tgt Ion:202 Resp: 344424

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

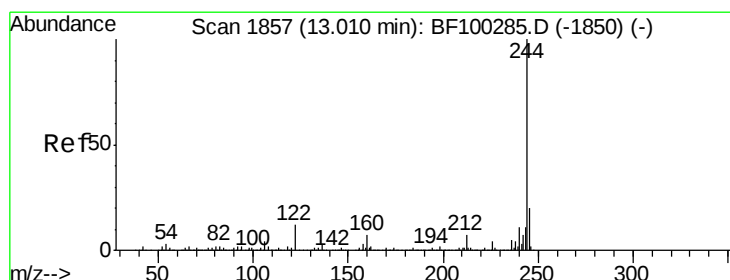
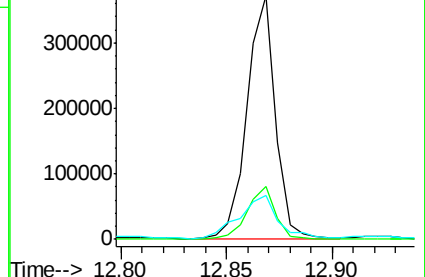
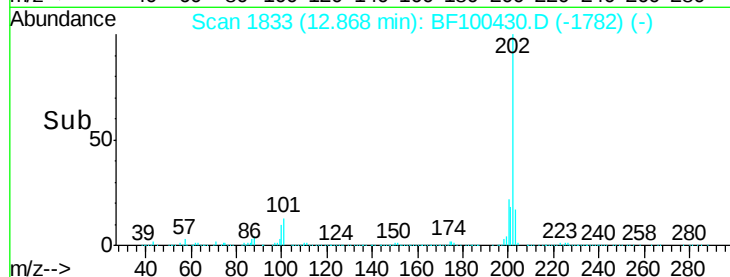
203 18.0 14.3 21.5



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



#78

Terphenyl-d14

Concen: 53.59 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

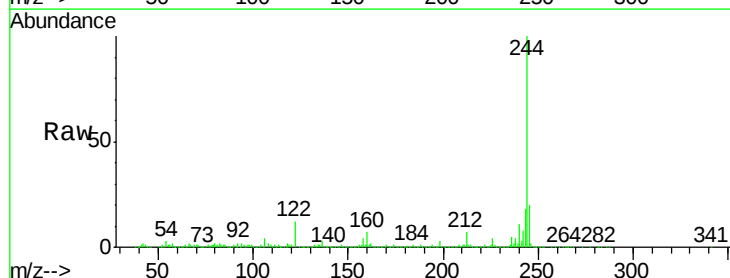
Tgt Ion:244 Resp: 891452

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

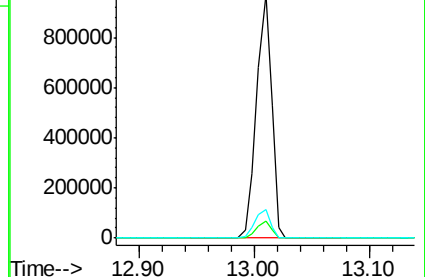
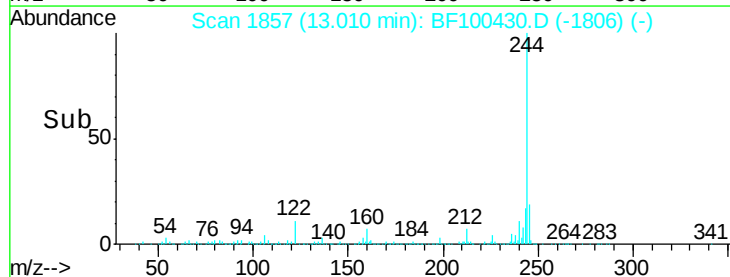
122 11.6 11.0 16.4

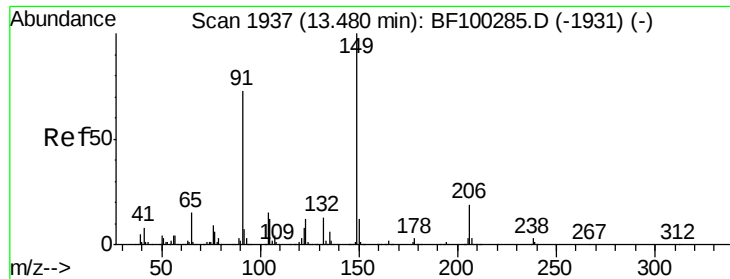


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.31 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

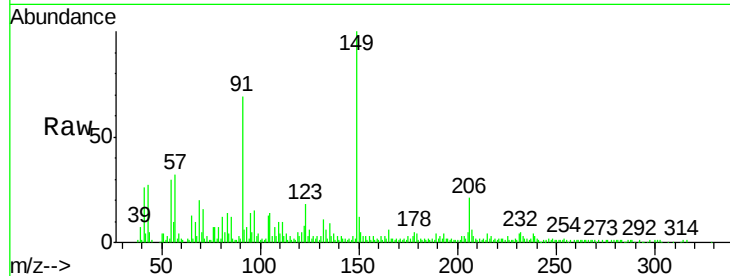
Tgt Ion:149 Resp: 58975

Ion Ratio Lower Upper

149 100

91 68.7 56.8 85.2

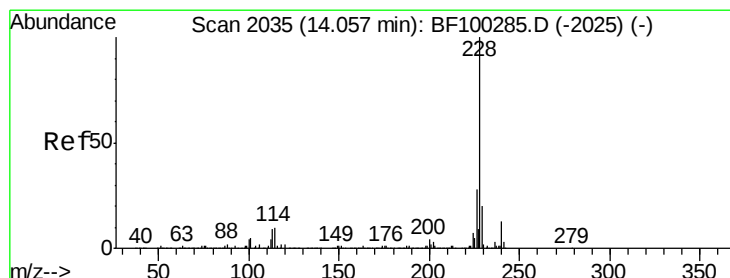
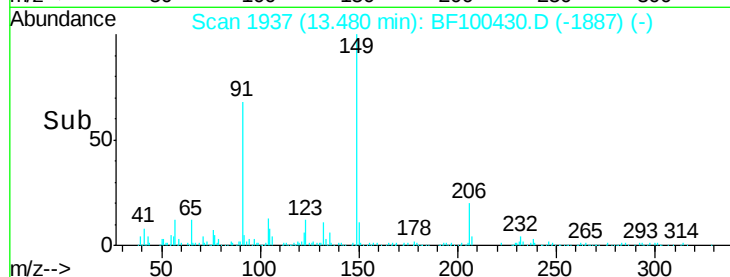
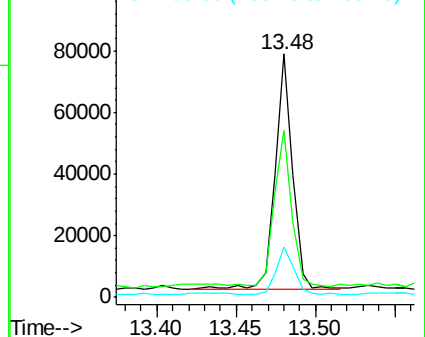
206 20.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 7.14 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

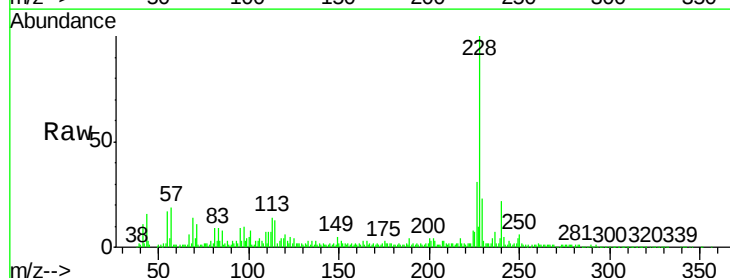
Tgt Ion:228 Resp: 164283

Ion Ratio Lower Upper

228 100

226 30.6 22.6 33.8

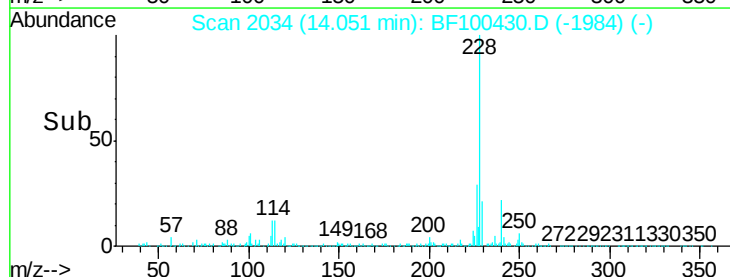
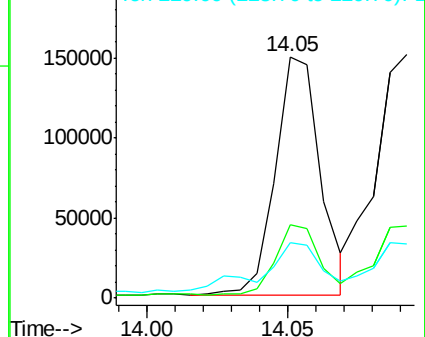
229 22.8 15.8 23.6

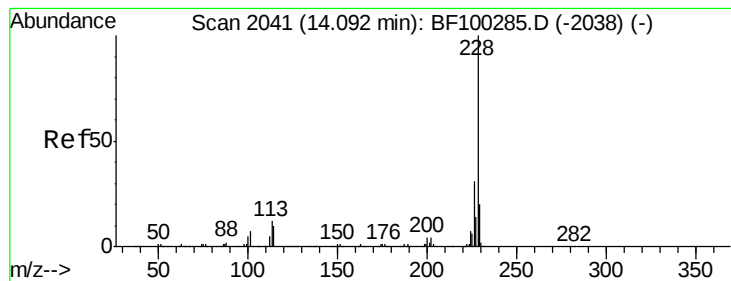


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 7.20 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

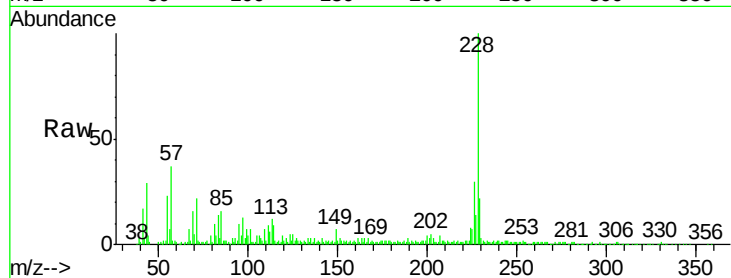
Tgt Ion:228 Resp: 160477

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

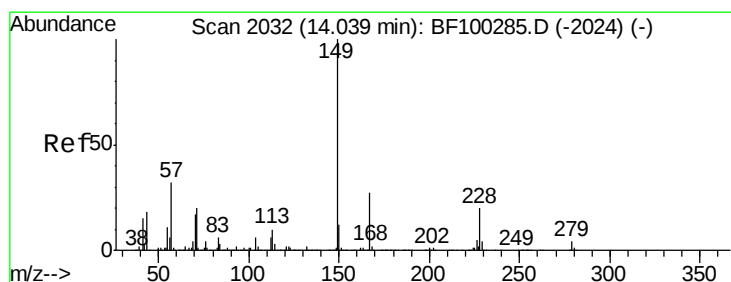
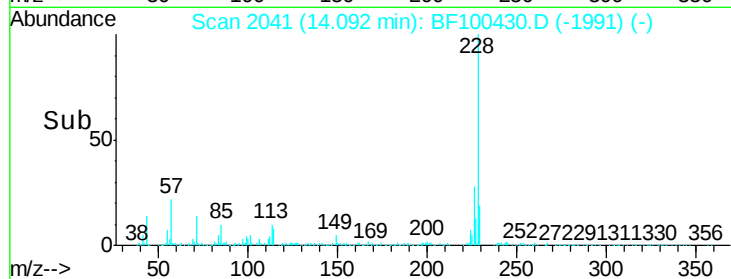
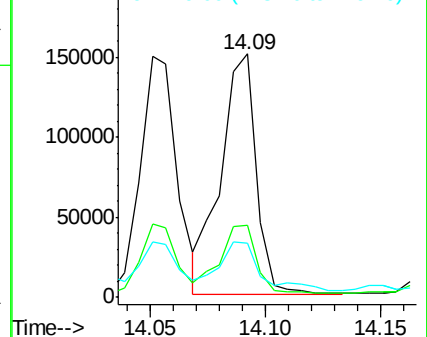
229 22.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.35 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

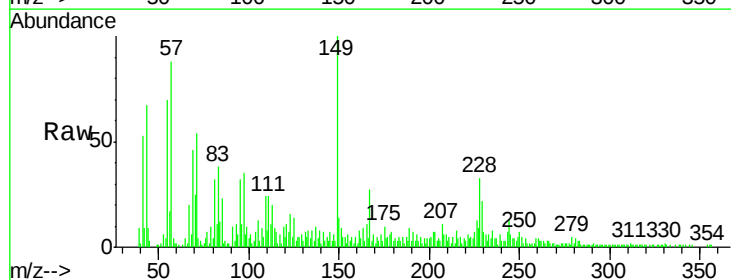
Tgt Ion:149 Resp: 34318

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

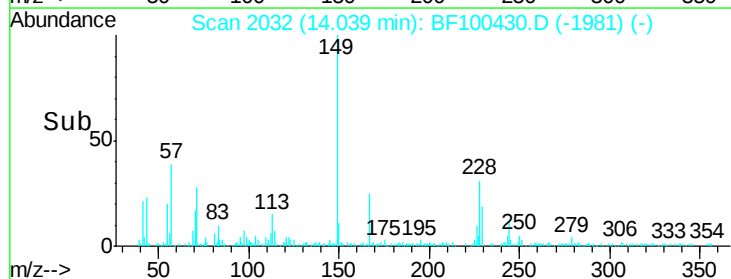
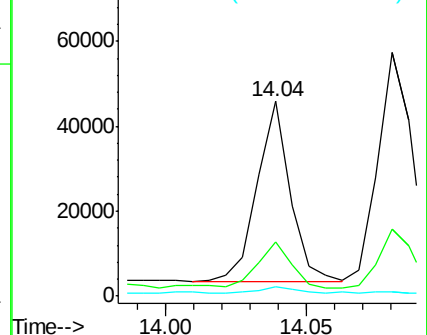
279 4.6 3.0 4.4#

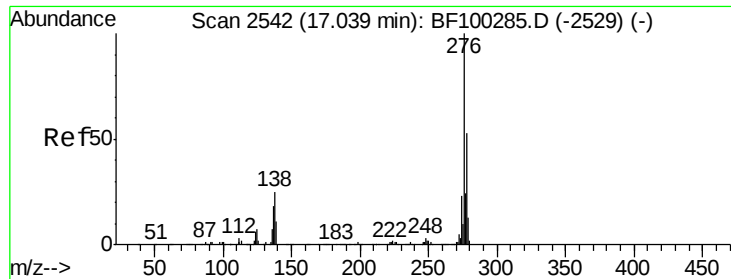


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

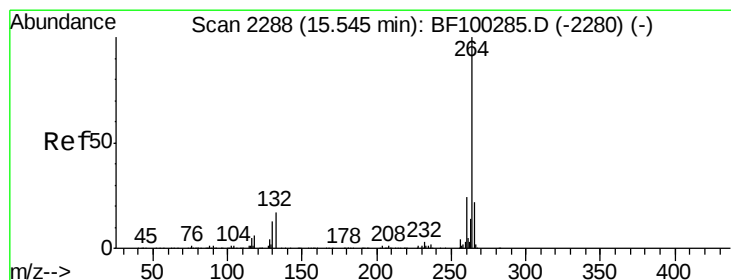
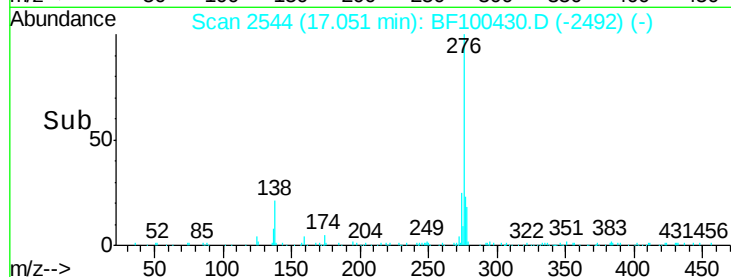
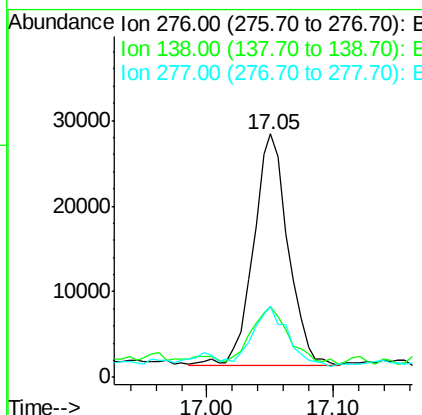
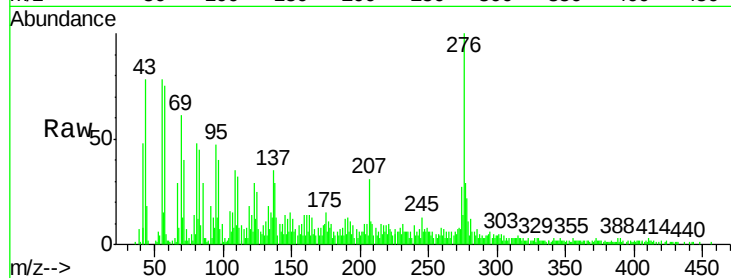




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.84 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

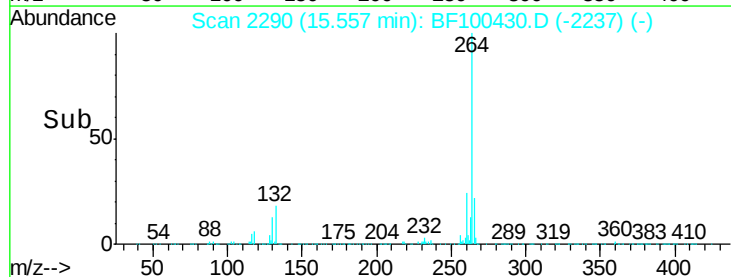
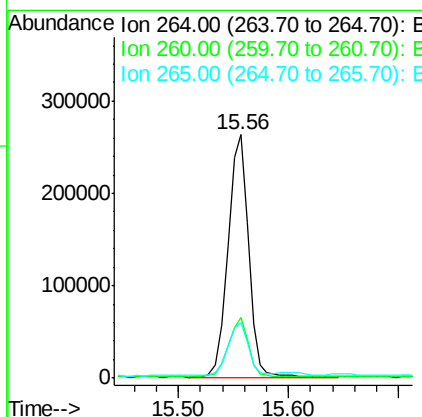
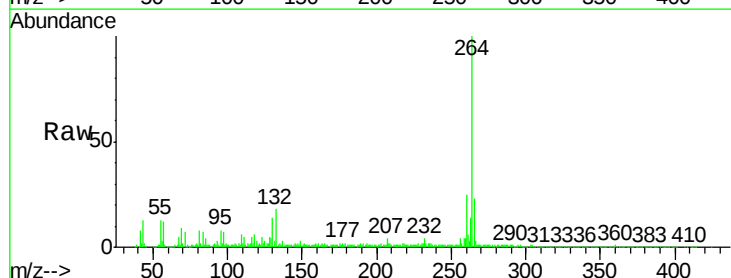
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

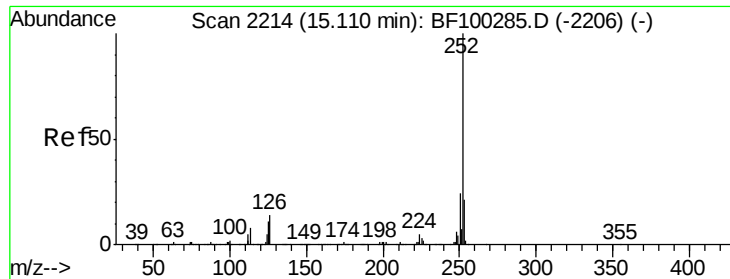
Tgt Ion:276 Resp: 51221
Ion Ratio Lower Upper
276 100
138 27.8 25.0 37.6
277 25.7 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion:264 Resp: 343649
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 22.9 17.5 26.3

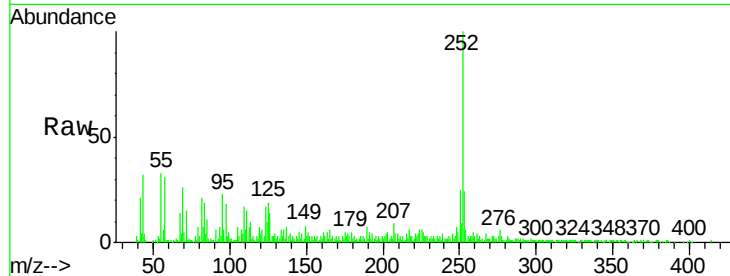




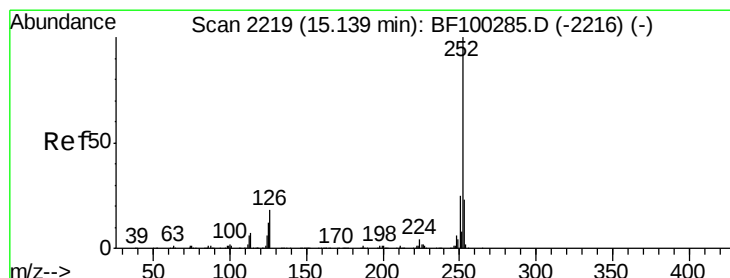
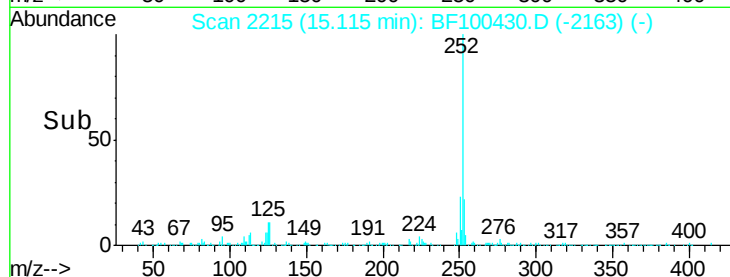
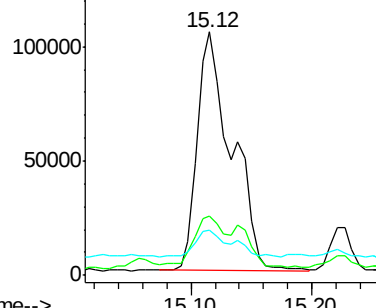
#87
Benzo(b)fluoranthene
Concen: 10.21 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	18.8	9.0	13.6

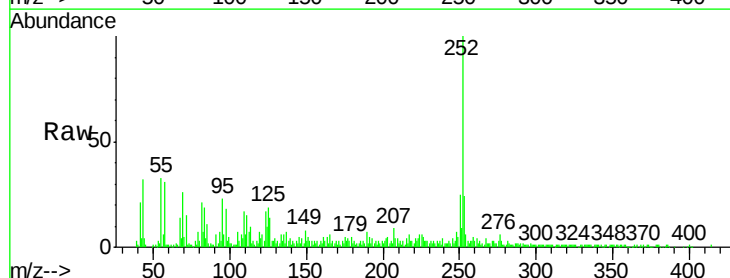


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

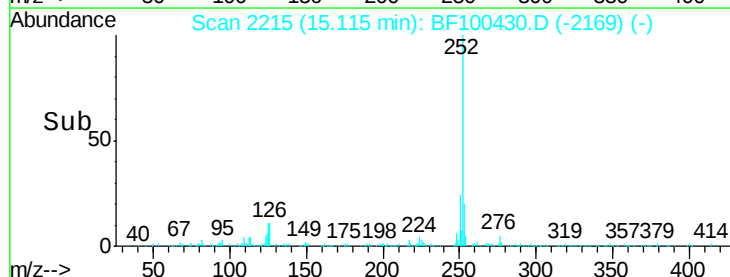
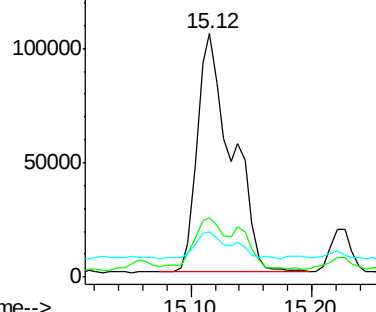


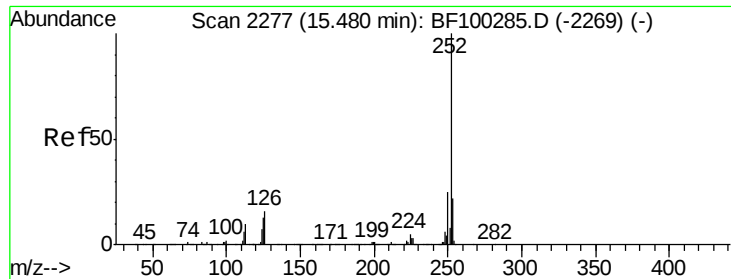
#88
Benzo(k)fluoranthene
Concen: 10.78 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF100430.D
Acq: 11 Nov 2017 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	18.8	10.2	15.2



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





#89

Benzo(a)pyrene

Concen: 6.14 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

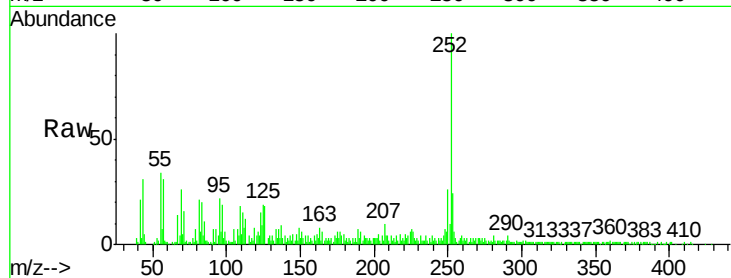
Tgt Ion:252 Resp: 110767

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

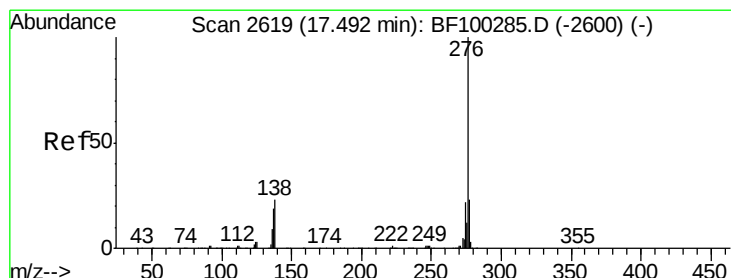
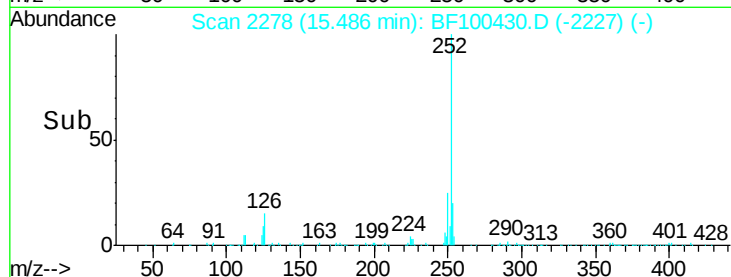
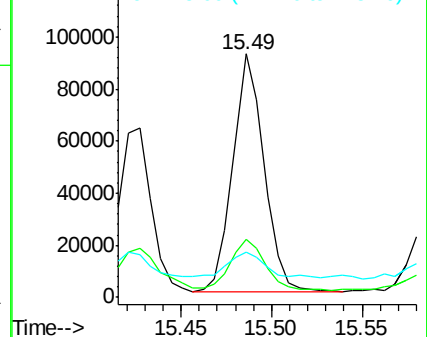
125 18.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.46 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BF100430.D

Acq: 11 Nov 2017 10:33

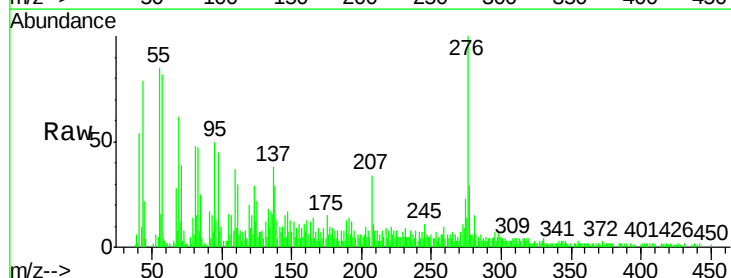
Tgt Ion:276 Resp: 50019

Ion Ratio Lower Upper

276 100

277 29.4 17.9 26.9#

138 29.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

