

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113471.D
 Acq On : 1 Apr 2019 17:25
 Operator : JU/SJ
 Sample : K2186-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Quant Time: Apr 02 01:08:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	146553	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	558262	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	287635	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	547363	20.00	ng	0.00
76) Chrysene-d12	13.85	240	390645	20.00	ng	0.00
87) Perylene-d12	15.26	264	402212	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	813387	90.75	ng	0.00
7) Phenol-d6	6.36	99	1072662	94.60	ng	0.00
23) Nitrobenzene-d5	7.27	82	625951	66.55	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	316167	88.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1148159	56.69	ng	0.00
79) Terphenyl-d14	12.80	244	1116156	62.98	ng	0.00

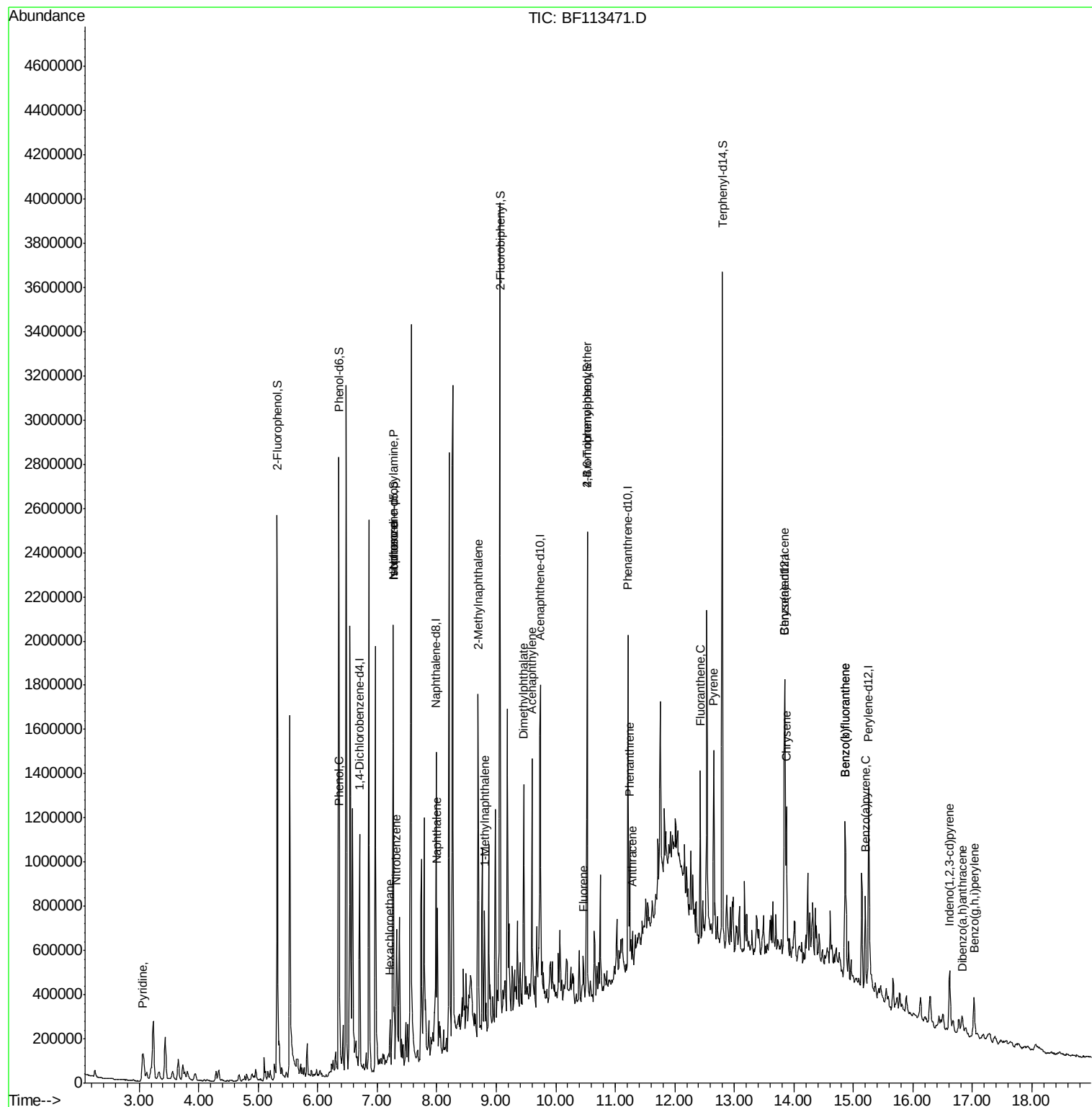
Target Compounds				Qvalue		
3) Pyridine	3.07	79	94342	8.415	ng	# 31
10) Phenol	6.37	94	31023	2.397	ng	# 83
18) Hexachloroethane	7.22	117	28309	7.276	ng	# 6
19) n-Nitroso-di-n-propylamine	7.27	70	80991	11.372	ng	# 76
20) 3+4-Methylphenols	7.15	107	5607	Below Cal		# 50
24) Nitrobenzene	7.33	77	20828	2.122	ng	# 13
25) Isophorone	7.27	82	619728	33.999	ng	# 64
31) Naphthalene	8.01	128	264279	9.687	ng	# 96
37) 2-Methylnaphthalene	8.70	142	92932	5.459	ng	# 43
38) 1-Methylnaphthalene	8.80	142	40649	2.483	ng	# 97
49) Acenaphthylene	9.60	152	446081	14.915	ng	# 99
50) Dimethylphthalate	9.46	163	117032	5.490	ng	# 91
58) Fluorene	10.46	166	65396	3.325	ng	# 95
67) 4-Bromophenyl-phenylether	10.53	248	17667	2.961	ng	# 1
71) Phenanthrene	11.24	178	213500	7.854	ng	# 98
72) Anthracene	11.29	178	60690	2.198	ng	# 99
75) Fluoranthene	12.43	202	268972	8.753	ng	# 99
78) Pyrene	12.65	202	379774	14.029	ng	# 99
81) Benzo(a)anthracene	13.84	228	215657	9.644	ng	# 92
83) Chrysene	13.87	228	297075	13.080	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.62	276	171687	8.808	ng	# 97
88) Benzo(b)fluoranthene	14.86	252	505836	20.245	ng	# 97
89) Benzo(k)fluoranthene	14.86	252	505836	23.054	ng	# 97
90) Benzo(a)pyrene	15.20	252	195924	8.845	ng	# 97
91) Dibenzo(a,h)anthracene	16.83	278	46365	2.421	ng	# 92
92) Benzo(g,h,i)perylene	17.03	276	149585	7.746	ng	# 97

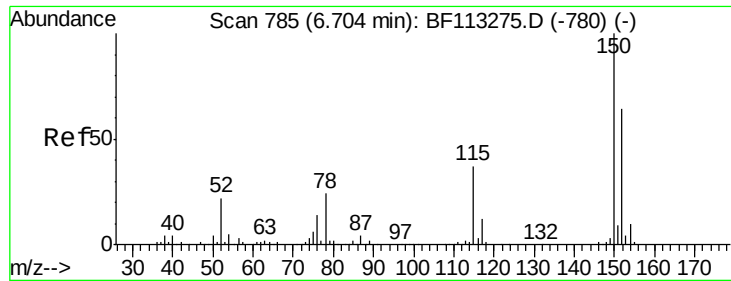
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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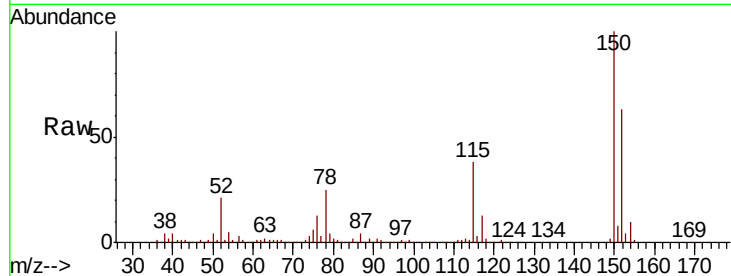


#1

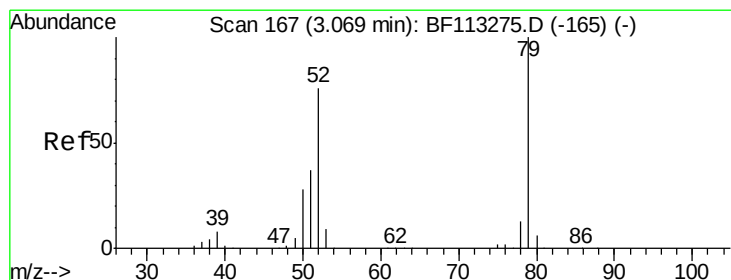
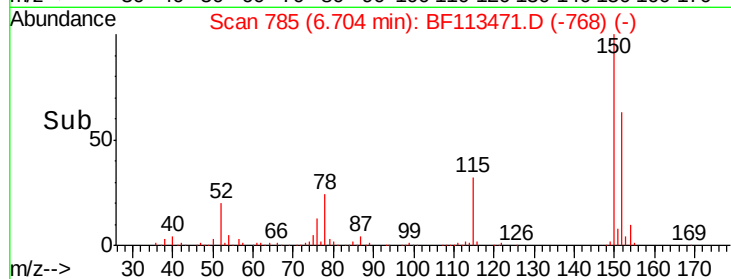
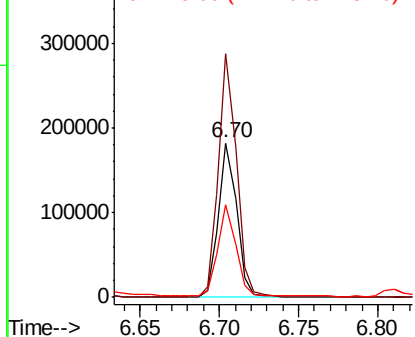
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:152 Resp: 146553
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 59.9 46.0 69.0



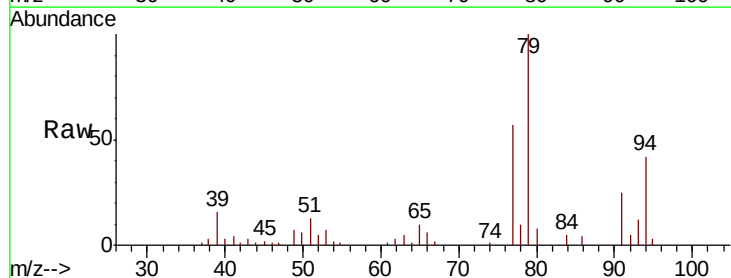
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



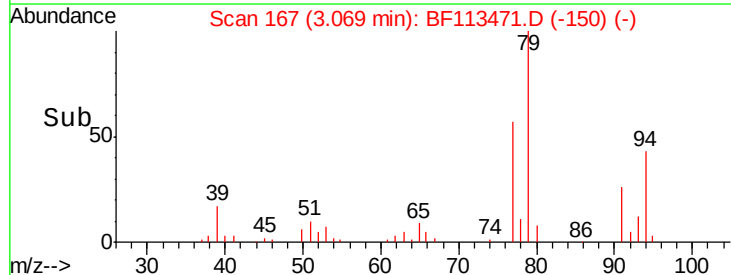
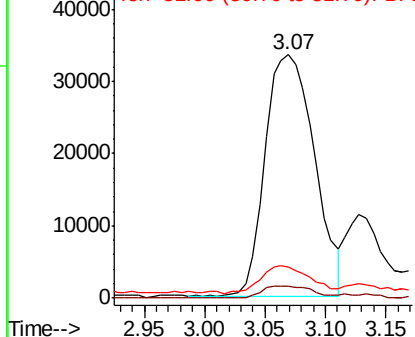
#3

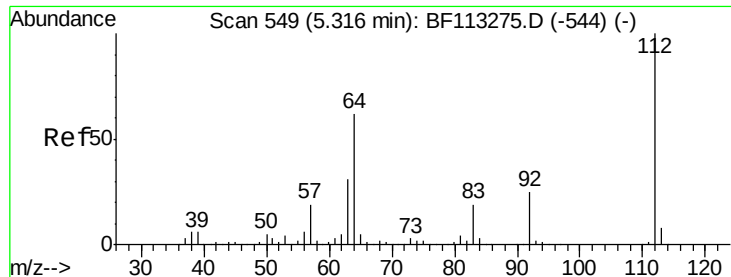
Pyridine
 Concen: 8.415 ng
 RT: 3.07 min Scan# 167
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Tgt Ion: 79 Resp: 94342
 Ion Ratio Lower Upper
 79 100
 52 4.8 61.0 91.4#
 51 12.7 30.6 45.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 90.751 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

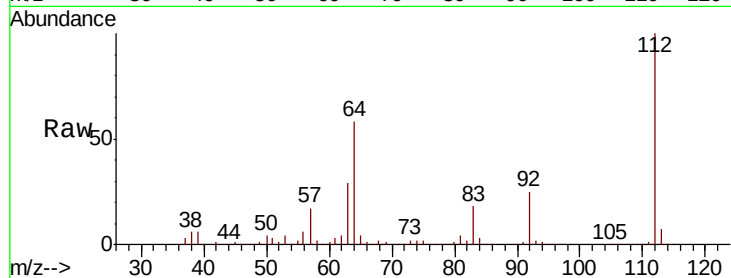
Tgt Ion: 112 Resp: 813387

Ion Ratio Lower Upper

112 100

64 58.2 49.2 73.8

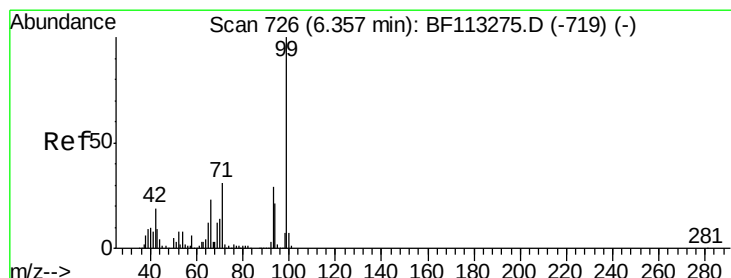
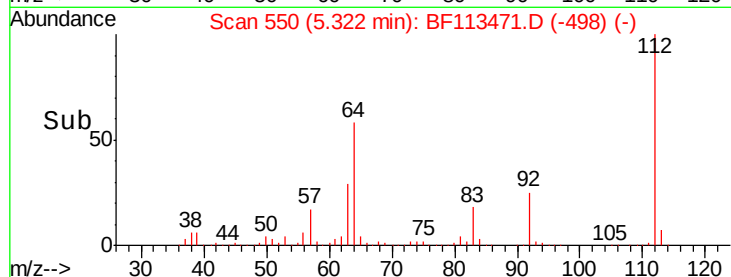
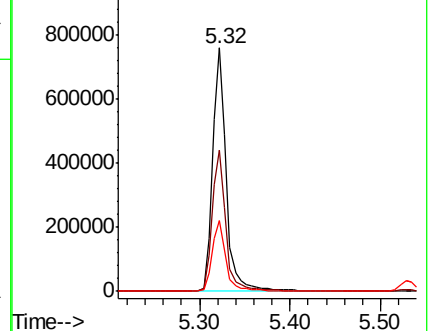
63 29.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 94.604 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

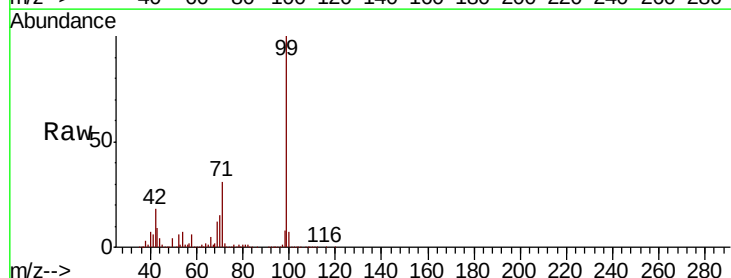
Tgt Ion: 99 Resp: 1072662

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

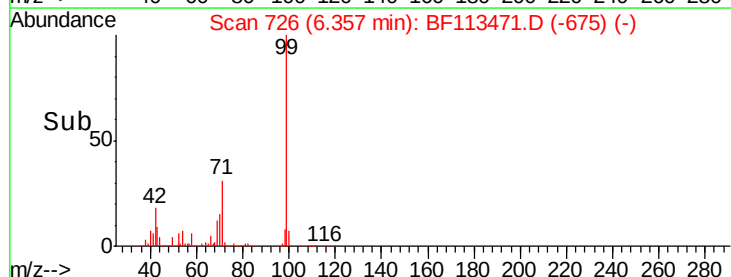
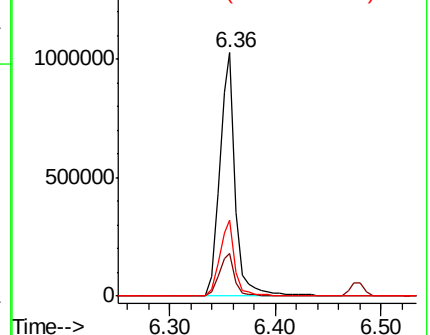
71 30.9 24.9 37.3

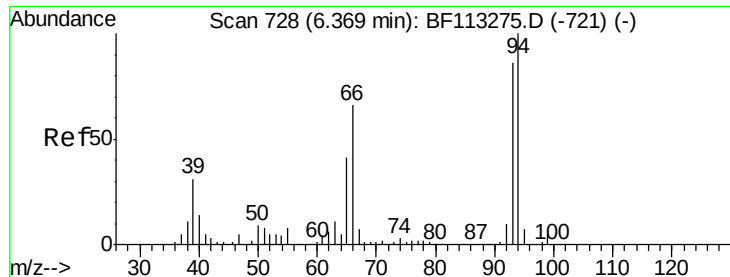


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 2.397 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

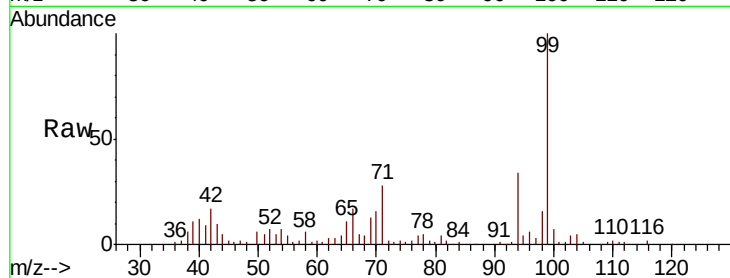
Tgt Ion: 94 Resp: 31023

Ion Ratio Lower Upper

94 100

65 33.2 21.4 61.4

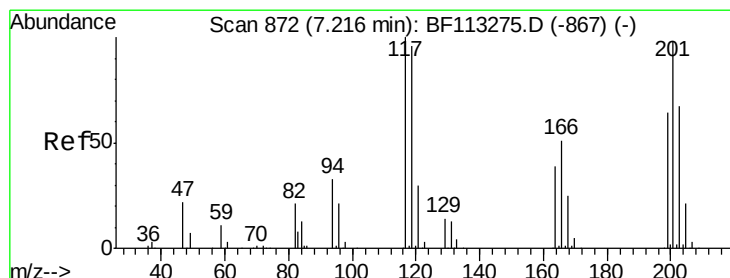
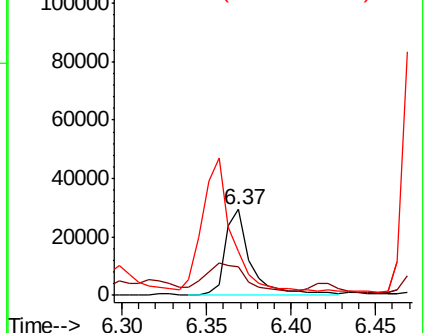
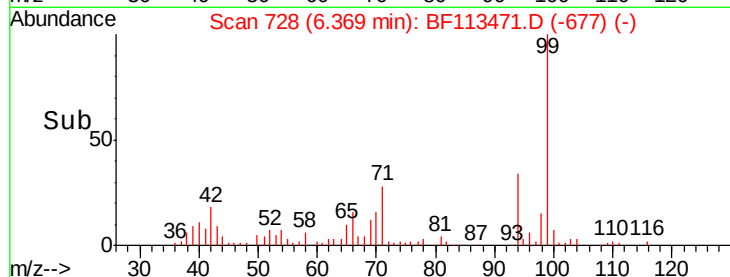
66 50.8 46.4 86.4



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



#18

Hexachloroethane

Concen: 7.276 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

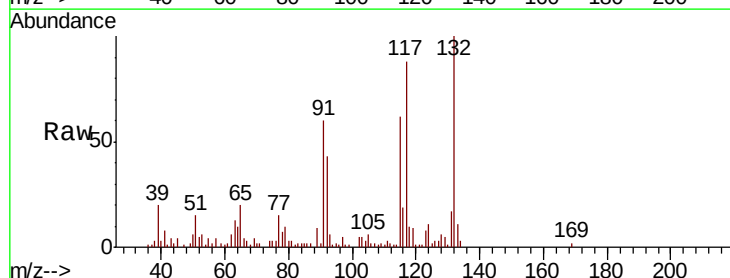
Tgt Ion: 117 Resp: 28309

Ion Ratio Lower Upper

117 100

119 10.5 76.9 115.3#

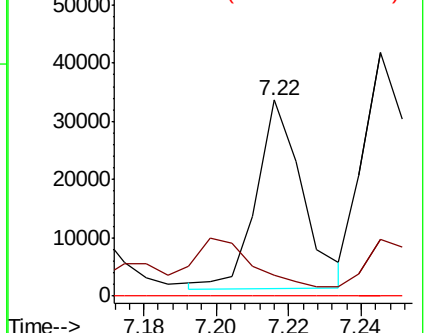
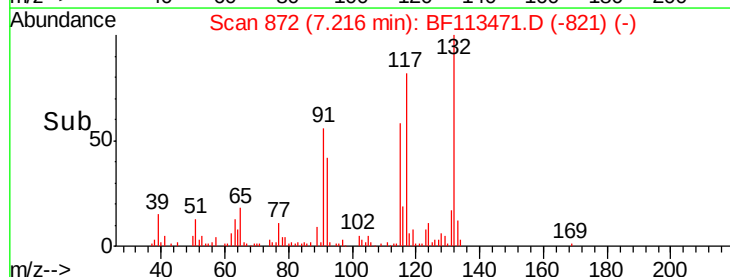
201 0.0 78.7 118.1#

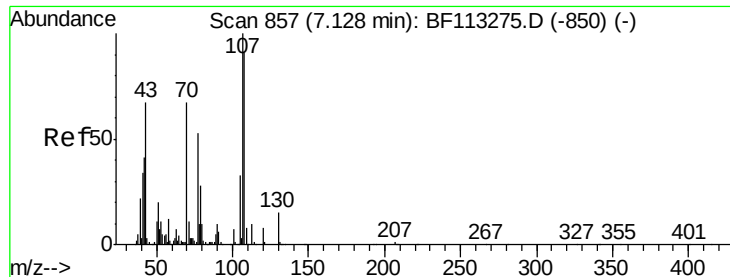


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

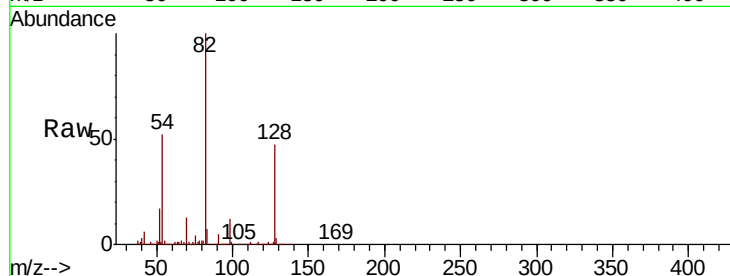




#19
n-Nitroso-di-n-propylamine
Concen: 11.372 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.5	48.4	72.6#
101	0.0	7.8	11.8#
130	3.6	18.2	27.4#



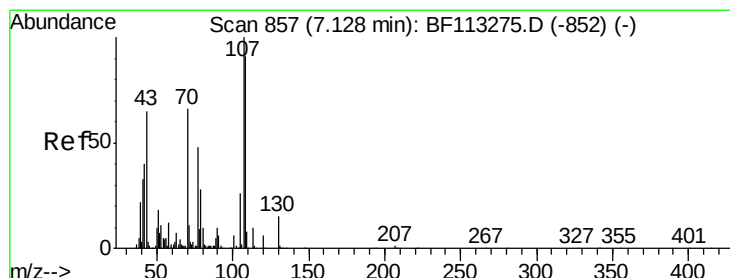
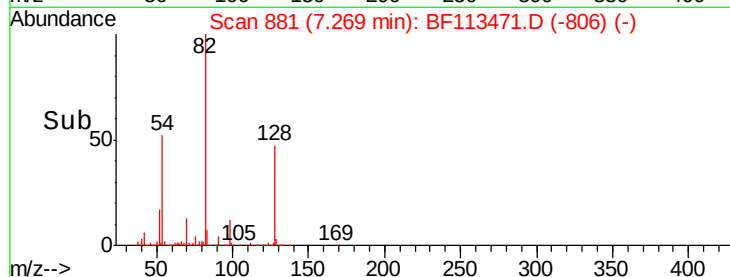
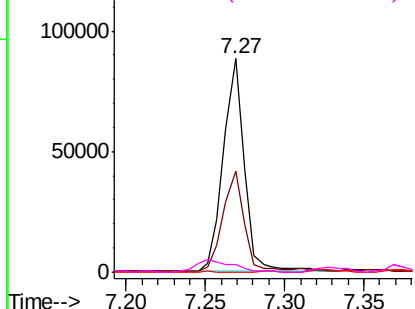
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.4	111.4
77	109.3	33.5	73.5#
79	100.7	8.3	48.3#

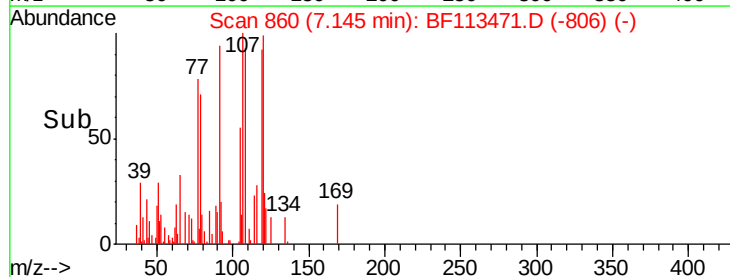
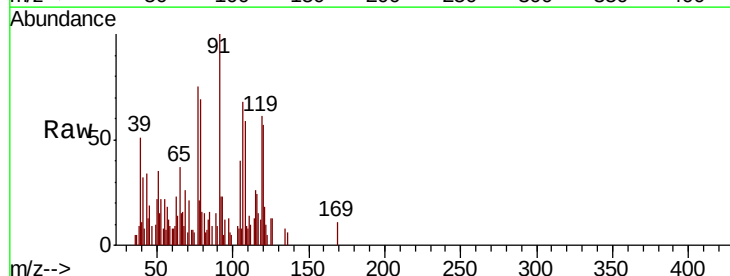
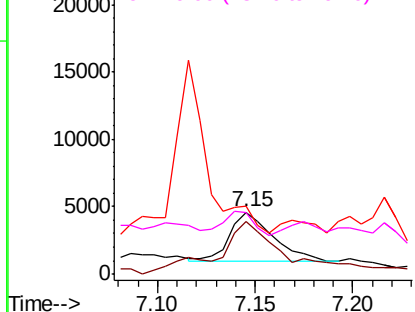
Abundance

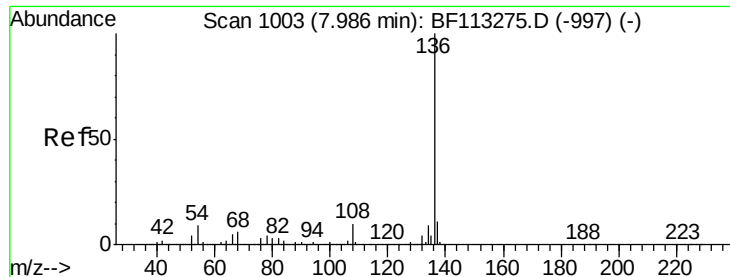
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

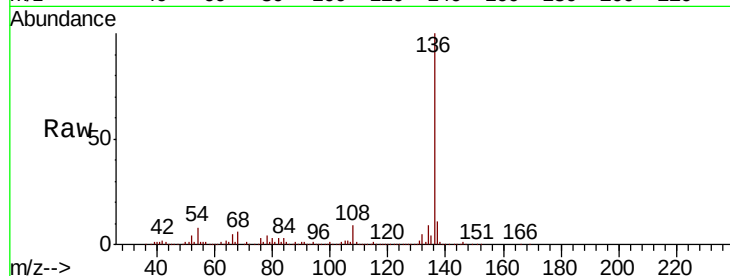




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	558262
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	7.0	10.6
68	6.1	4.8	7.2



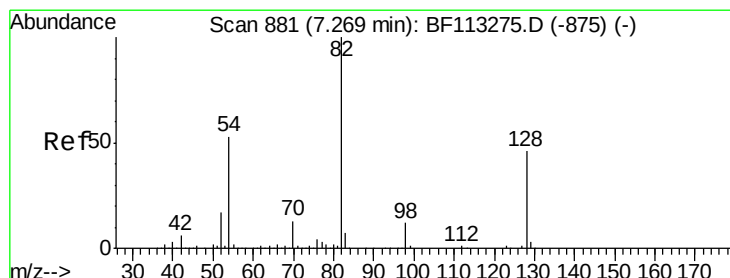
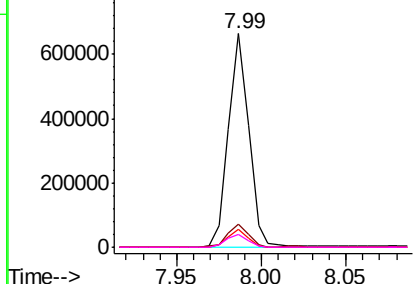
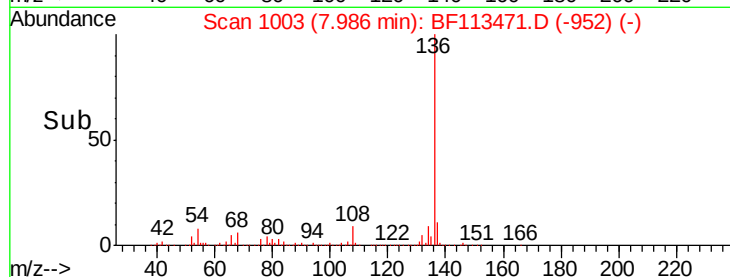
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

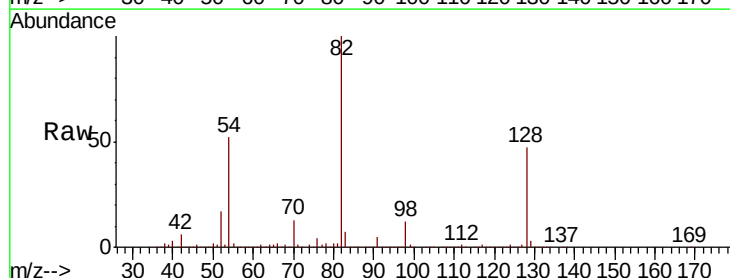
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 66.551 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion:	82	Resp:	625951
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	52.2	42.2	63.2

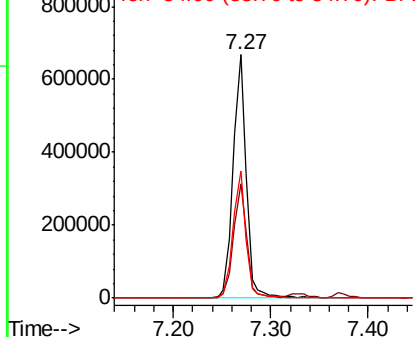
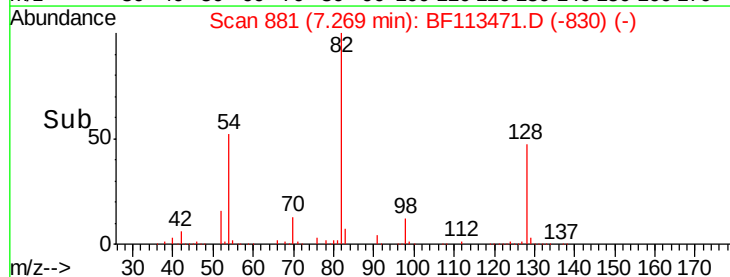


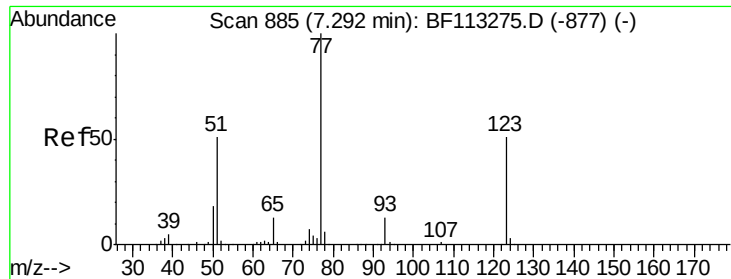
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 2.122 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.04 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

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TP-TRACK-89-90-SOIL

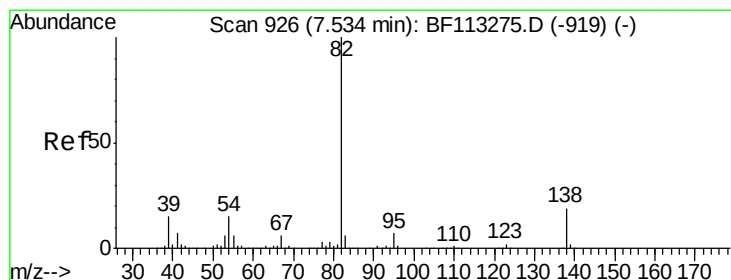
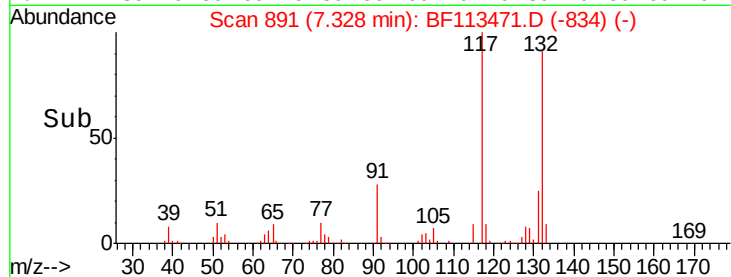
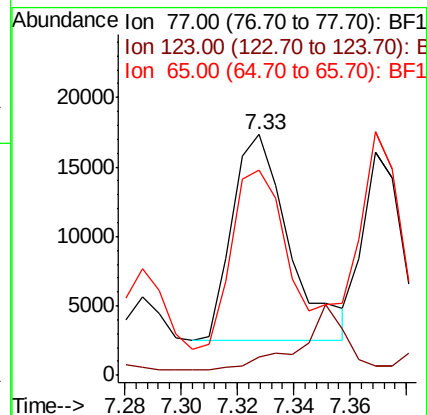
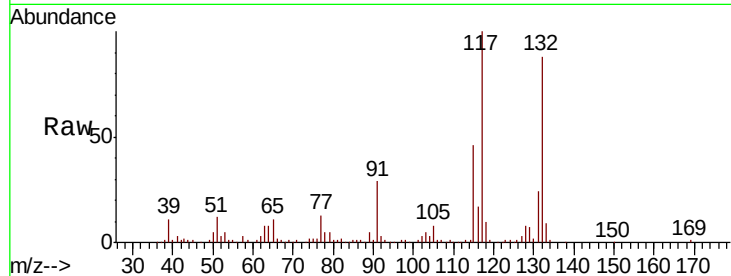
Tgt Ion: 77 Resp: 20828

Ion Ratio Lower Upper

77 100

123 7.6 40.8 61.2#

65 85.3 10.6 16.0#



#25

Isophorone

Concen: 33.999 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

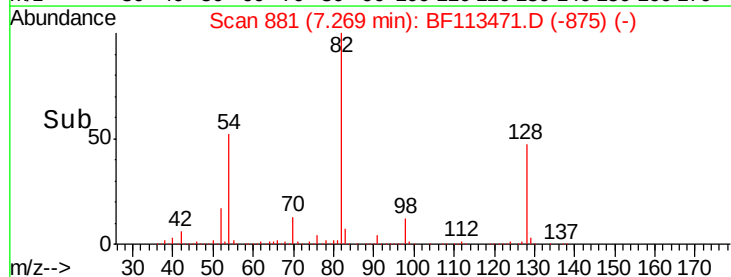
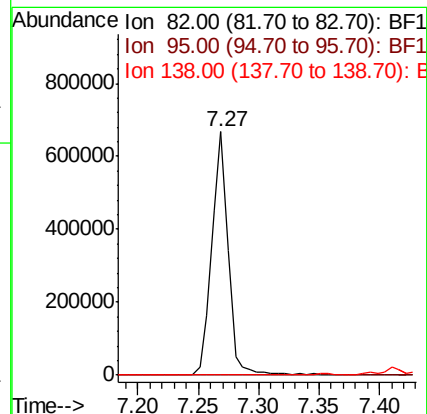
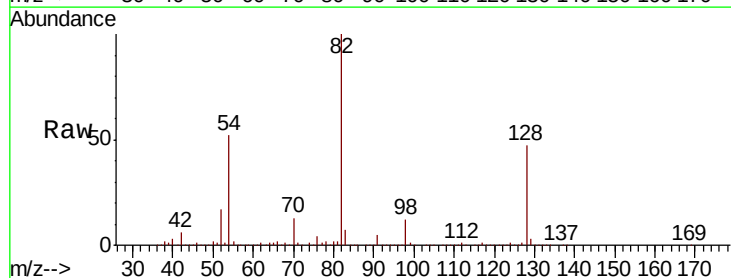
Tgt Ion: 82 Resp: 619728

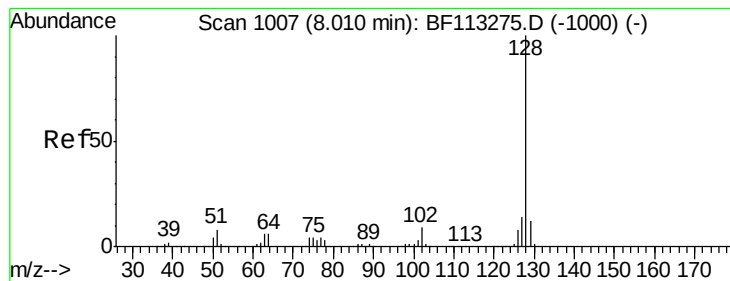
Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

138 0.1 15.2 22.8#





#31

Naphthalene

Concen: 9.687 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

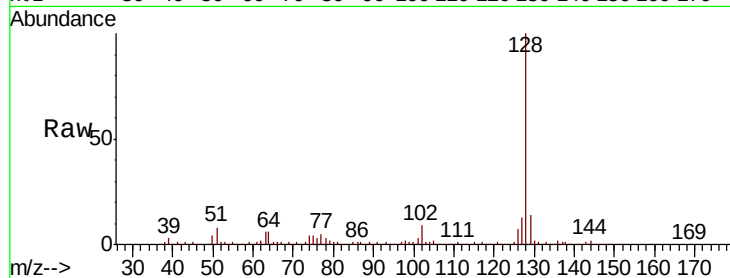
Tgt Ion:128 Resp: 264279

Ion Ratio Lower Upper

128 100

129 14.3 9.3 13.9#

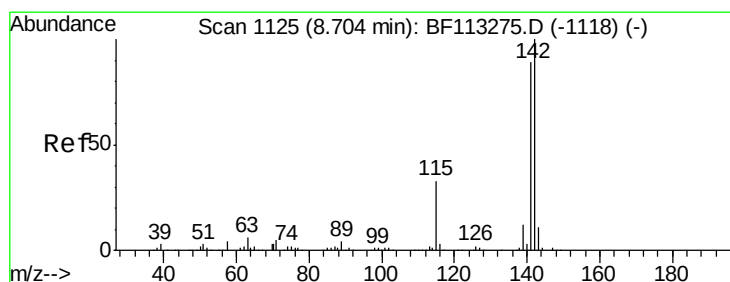
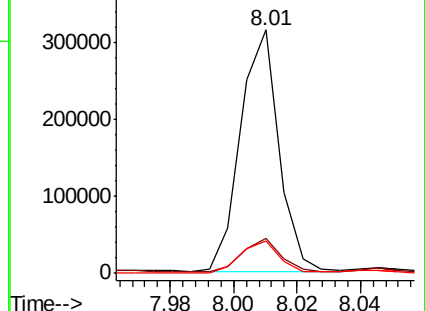
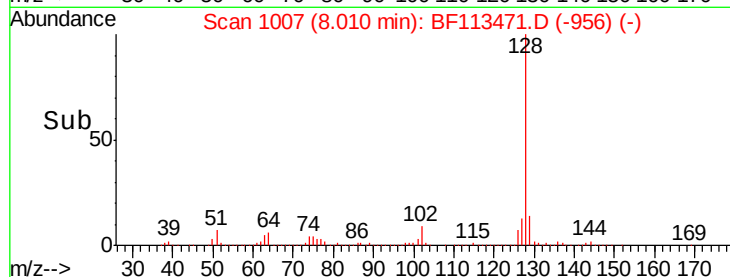
127 13.3 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 5.459 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

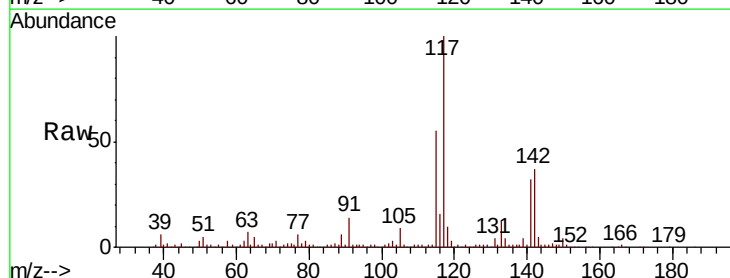
Tgt Ion:142 Resp: 92932

Ion Ratio Lower Upper

142 100

141 85.7 71.0 106.6

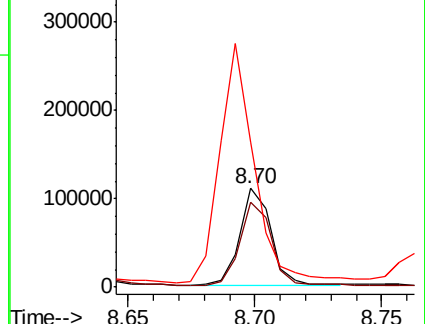
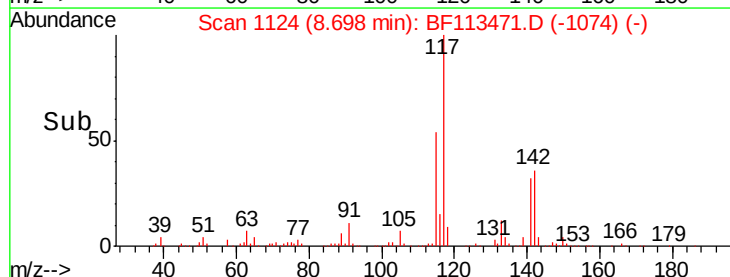
115 147.2 26.6 39.8#

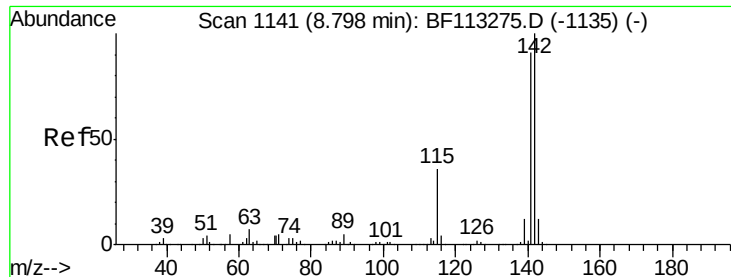


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

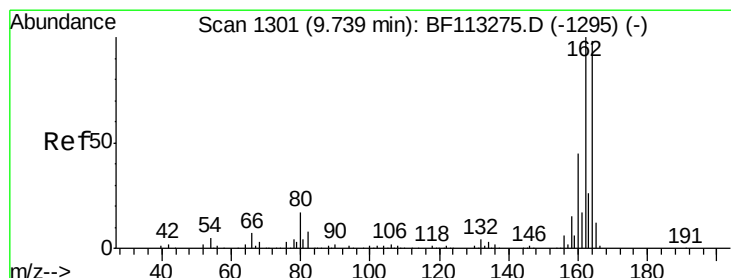
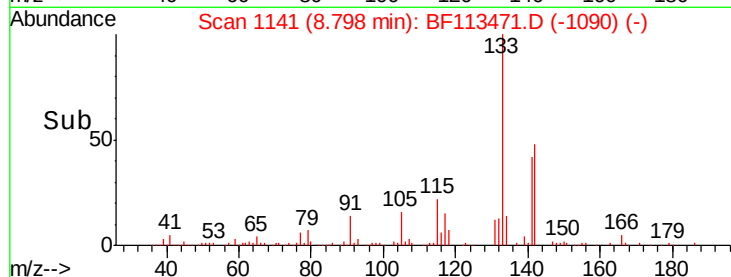
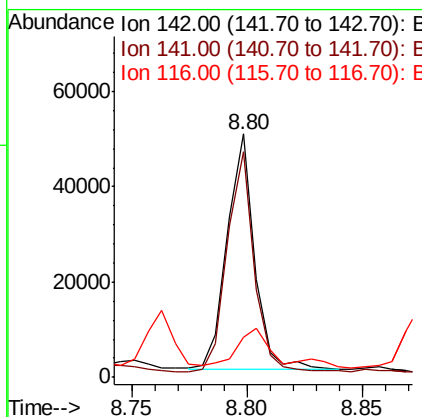
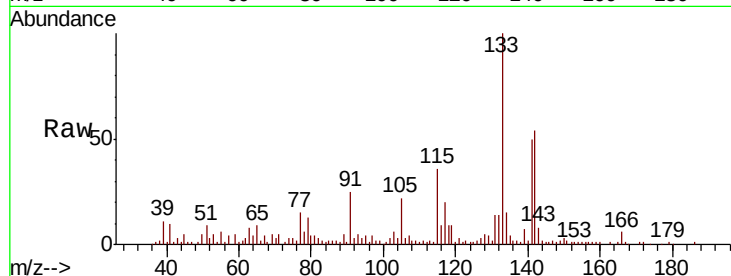




#38
1-Methylnaphthalene
Concen: 2.483 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

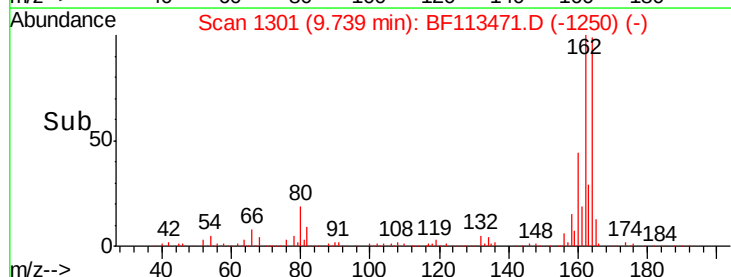
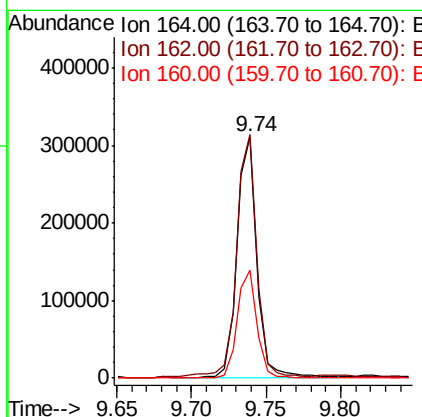
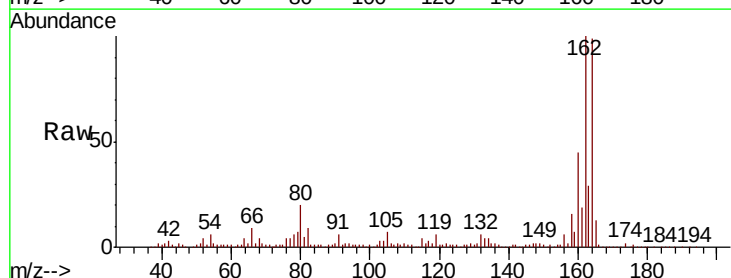
Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

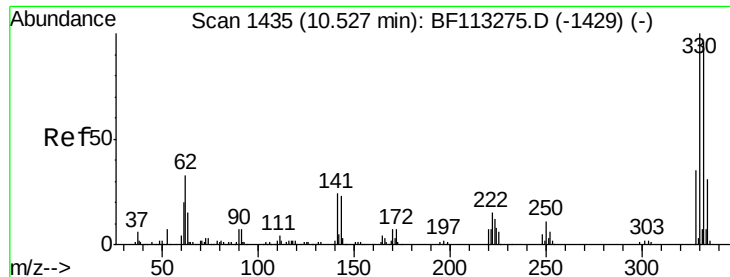
Tgt Ion:142 Resp: 40649
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8
116 16.3 3.0 4.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion:164 Resp: 287635
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.9 36.4 54.6

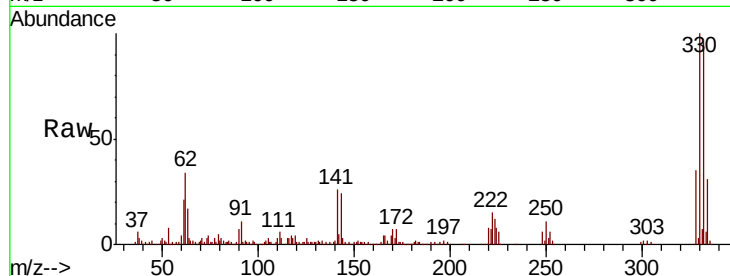




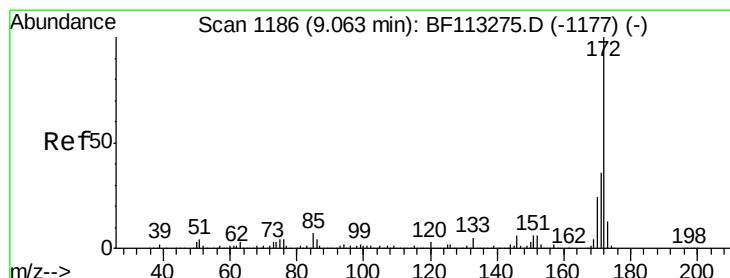
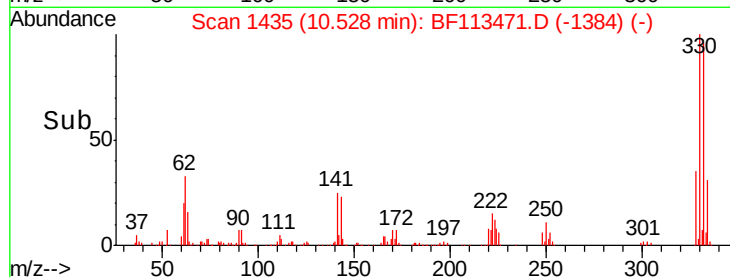
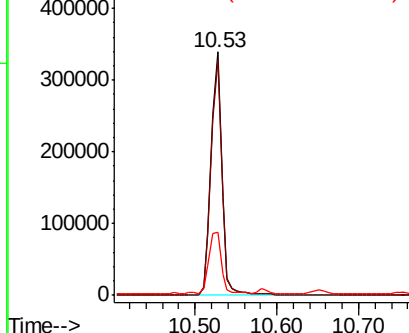
#42
 2,4,6-Tribromophenol
 Concen: 88.987 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:330 Resp: 316167
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 28.2 22.7 34.1

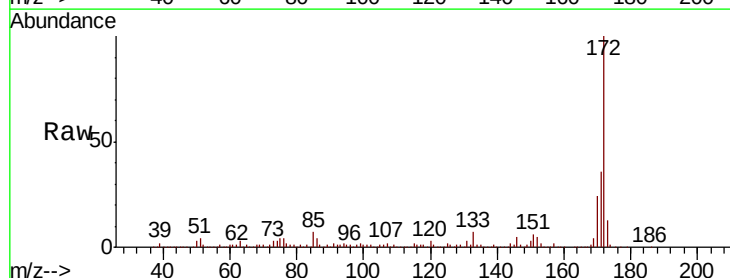


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

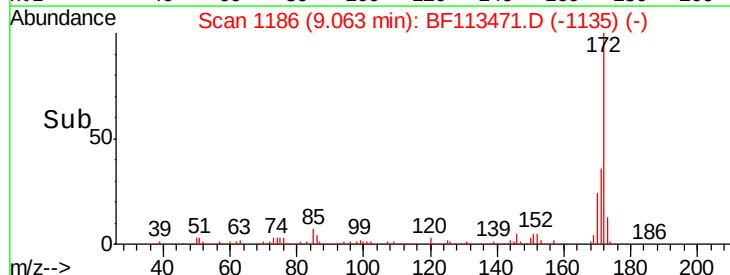
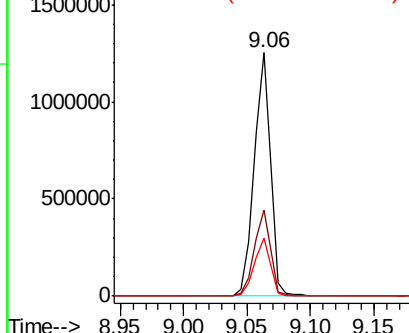


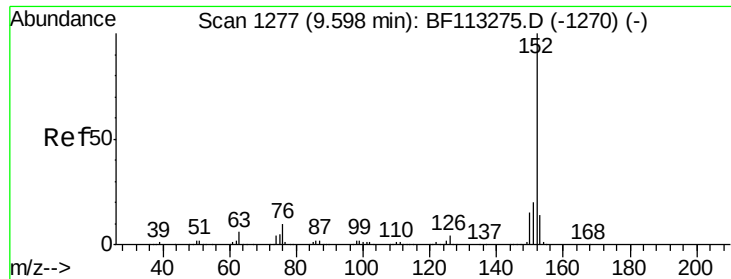
#45
 2-Fluorobiphenyl
 Concen: 56.691 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Tgt Ion:172 Resp: 1148159
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.0 19.5 29.3



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





#49

Acenaphthylene

Concen: 14.915 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

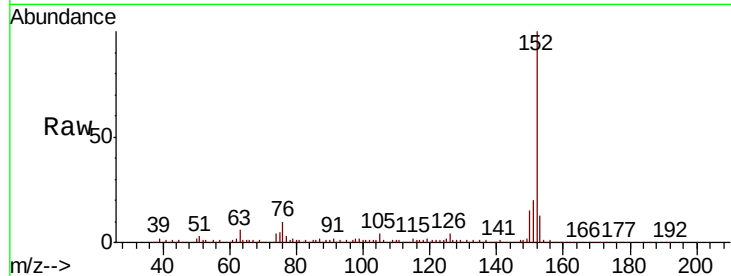
Tgt Ion:152 Resp: 446081

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

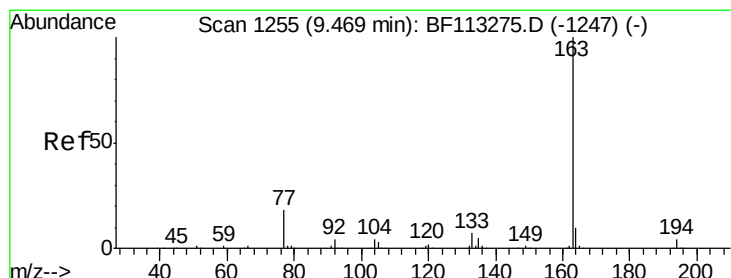
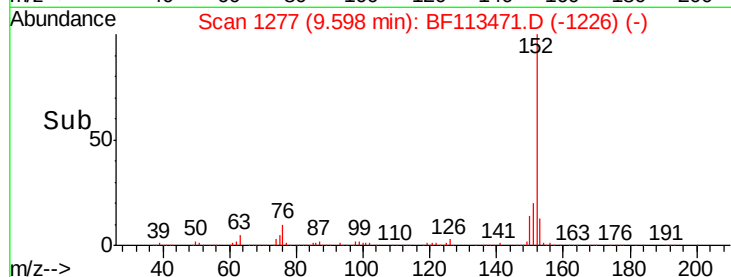
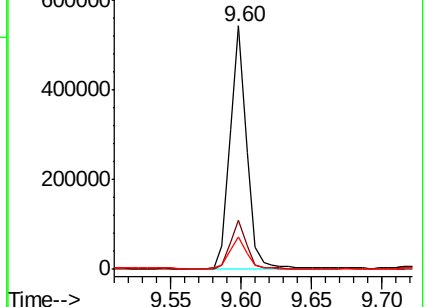
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.490 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

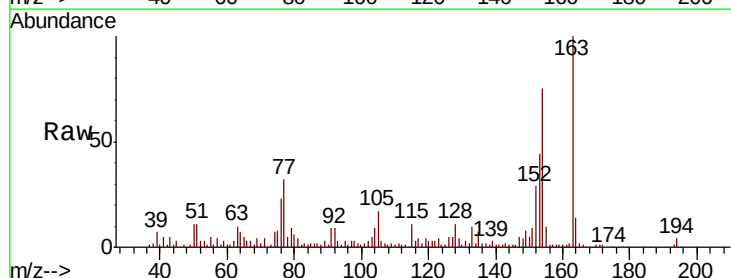
Tgt Ion:163 Resp: 117032

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

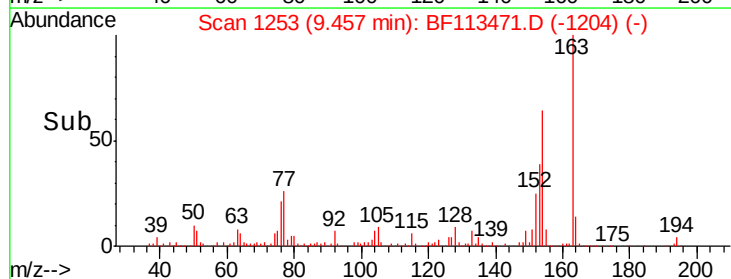
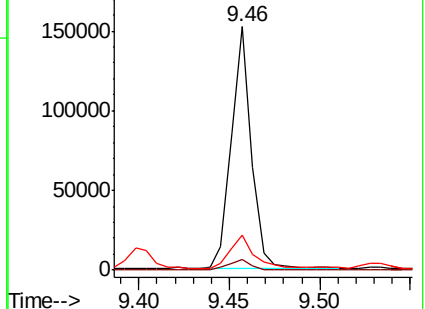
164 14.4 8.1 12.1#

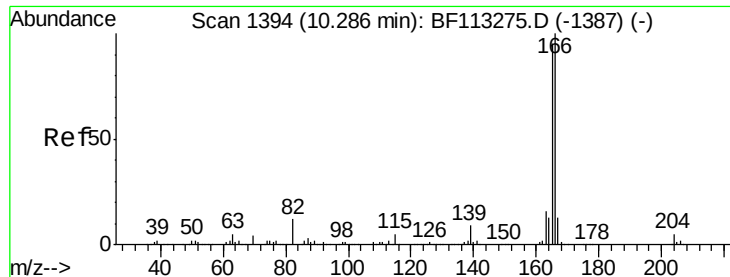


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

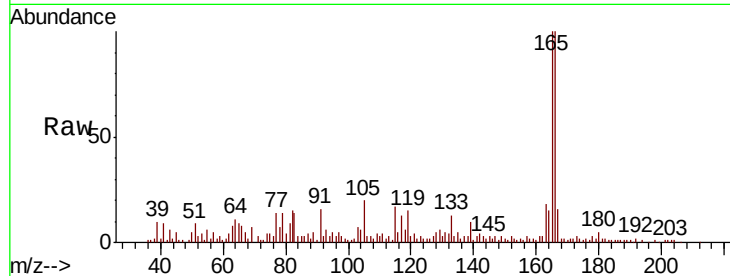




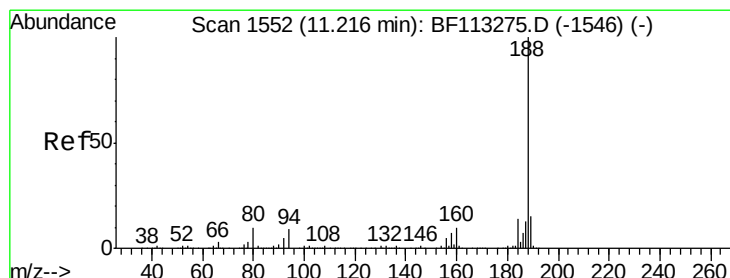
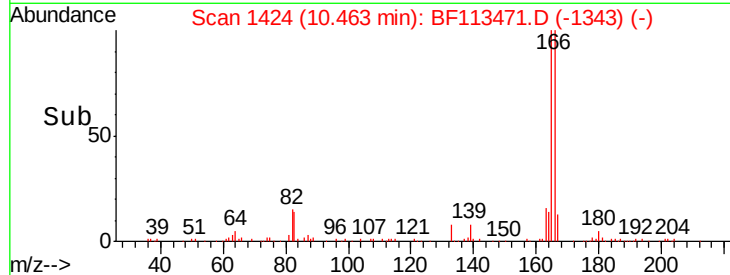
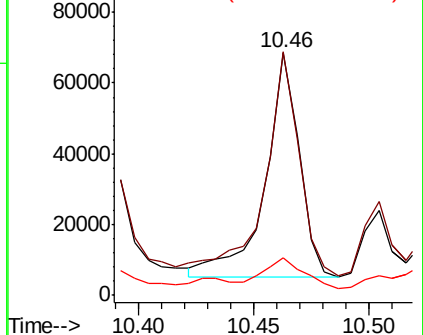
#58
 Fluorene
 Concen: 3.325 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.18 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:166 Resp: 65396
 Ion Ratio Lower Upper
 166 100
 165 100.3 76.2 114.2
 167 15.6 10.7 16.1

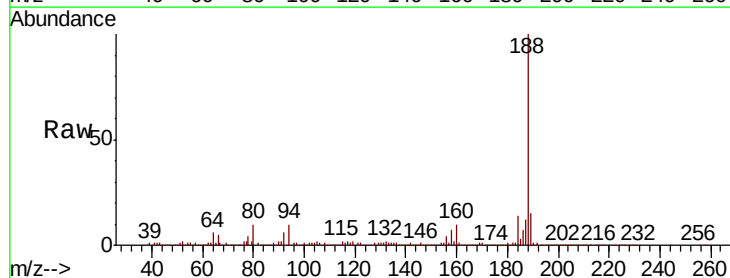


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

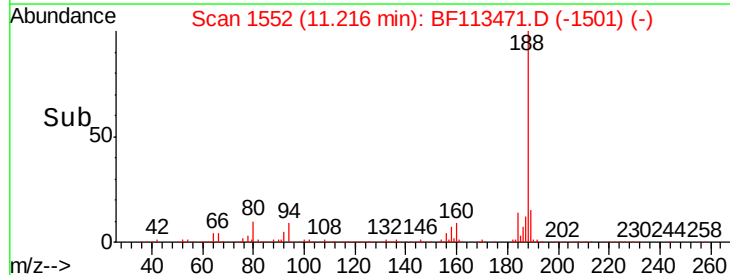
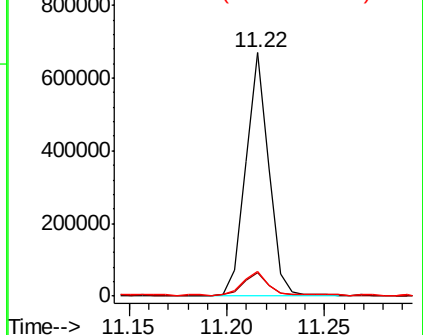


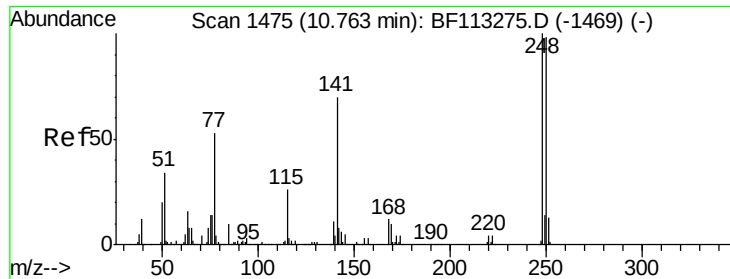
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Tgt Ion:188 Resp: 547363
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.6
 80 10.1 7.7 11.5



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

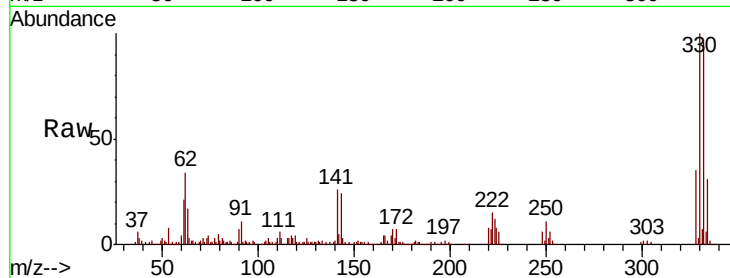




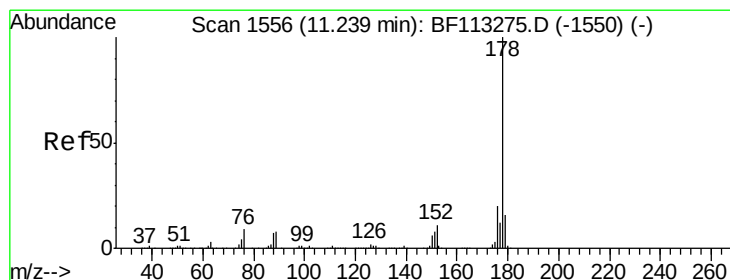
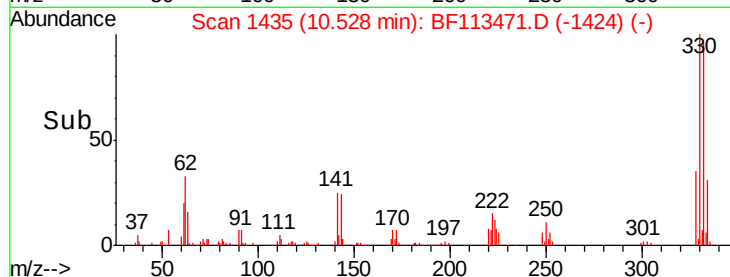
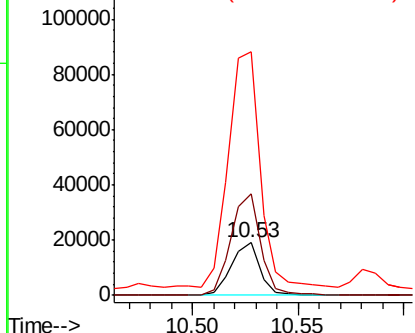
#67
 4-Bromophenyl-phenylether
 Concen: 2.961 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion: 248 Resp: 17667
 Ion Ratio Lower Upper
 248 100
 250 193.8 78.3 117.5#
 141 464.9 56.2 84.4#

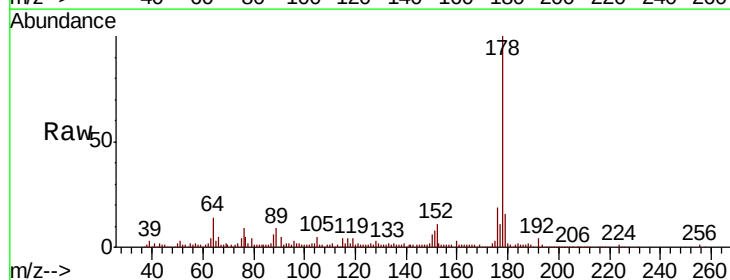


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

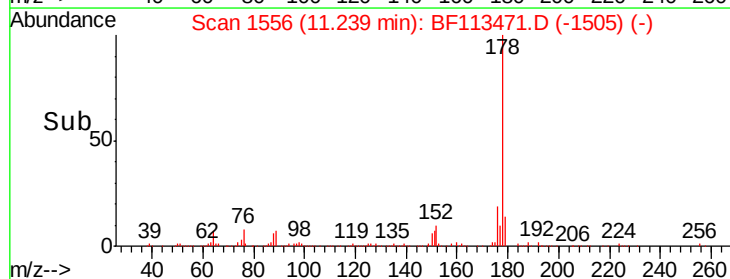
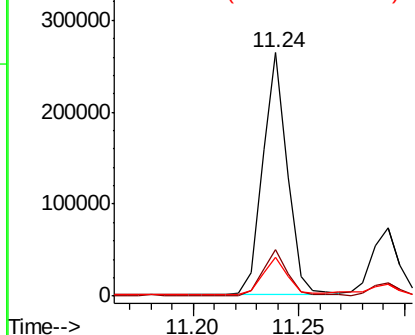


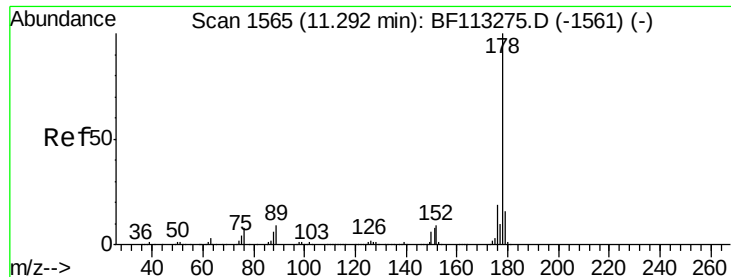
#71
 Phenanthrene
 Concen: 7.854 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113471.D
 Acq: 1 Apr 2019 17:25

Tgt Ion: 178 Resp: 213500
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.2
 179 15.7 12.7 19.1



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





#72

Anthracene

Concen: 2.198 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

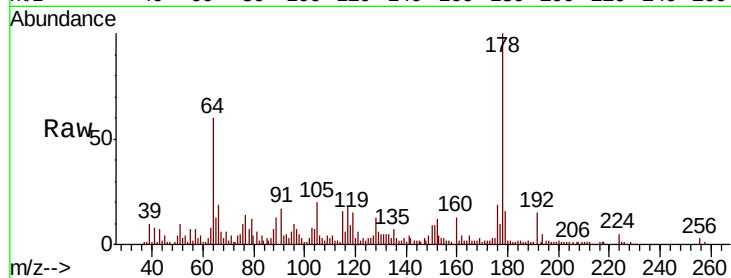
Tgt Ion:178 Resp: 60690

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

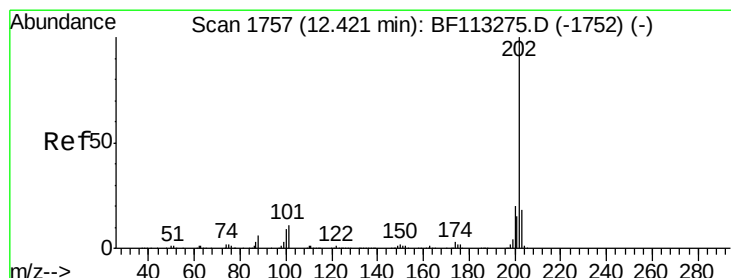
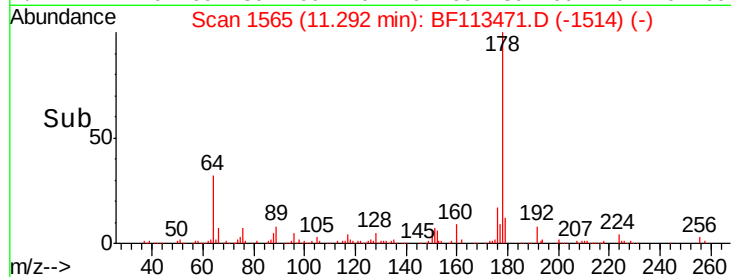
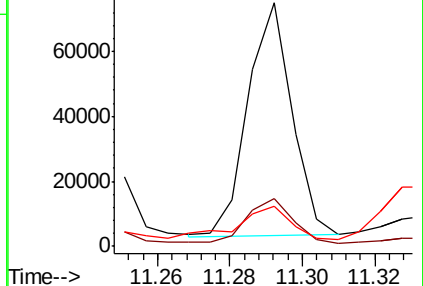
179 16.5 12.8 19.2



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



#75

Fluoranthene

Concen: 8.753 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

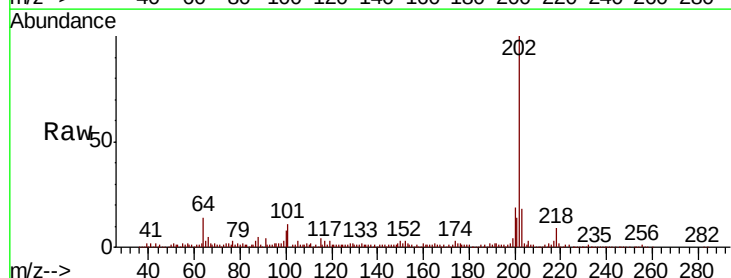
Tgt Ion:202 Resp: 268972

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

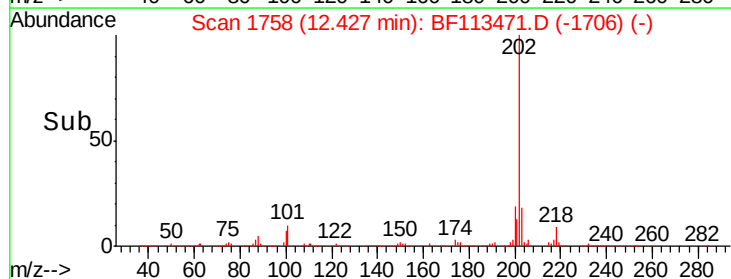
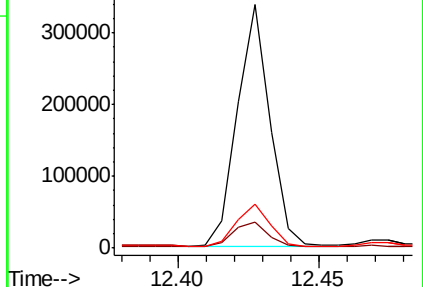
203 18.2 0.0 38.0

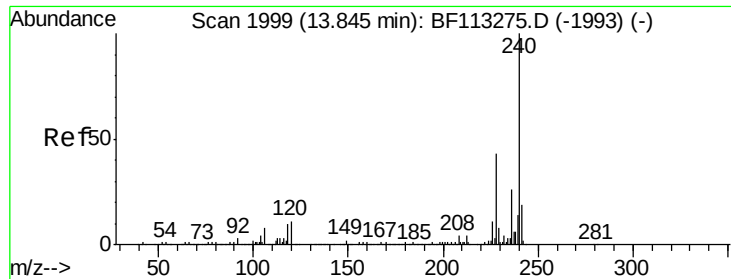


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

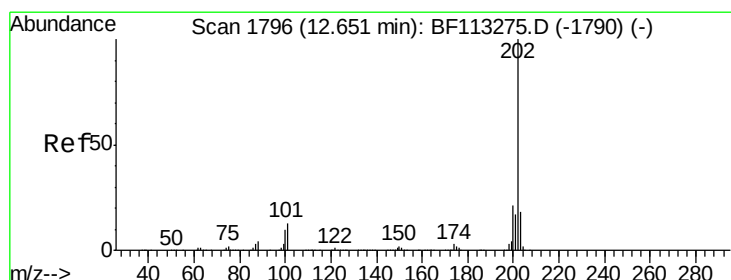
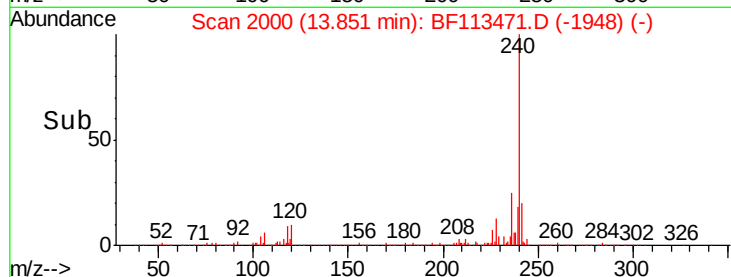
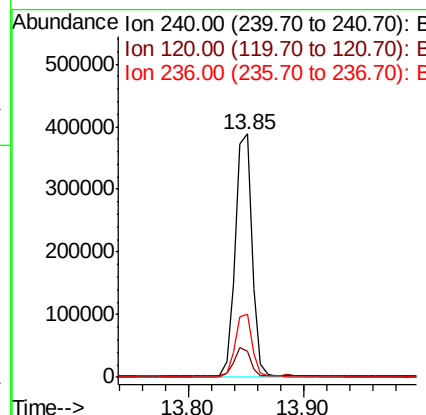
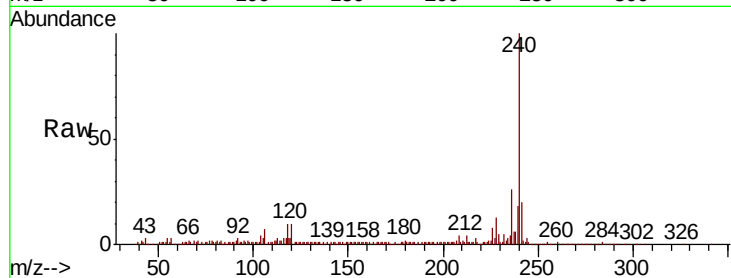




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

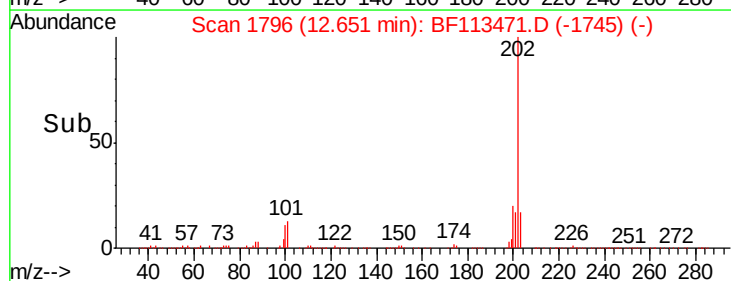
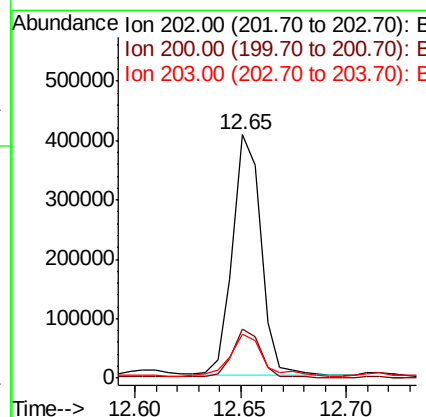
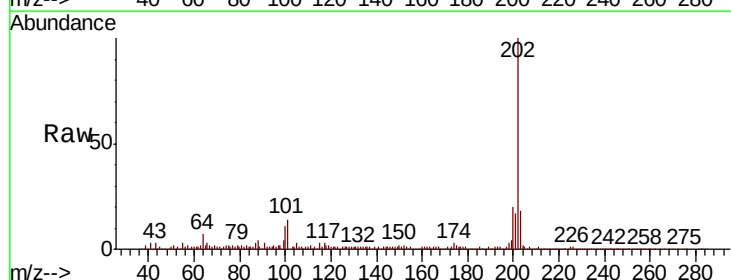
Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

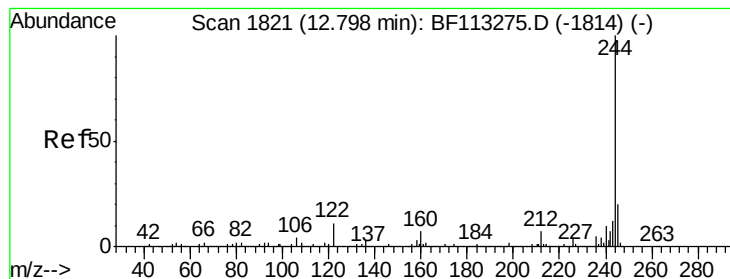
Tgt Ion:240 Resp: 390645
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.9 20.9 31.3



#78
Pyrene
Concen: 14.029 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion:202 Resp: 379774
Ion Ratio Lower Upper
202 100
200 20.0 16.8 25.2
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 62.978 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

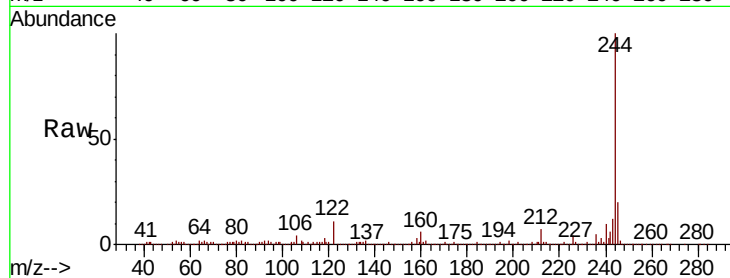
Tgt Ion:244 Resp: 1116156

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

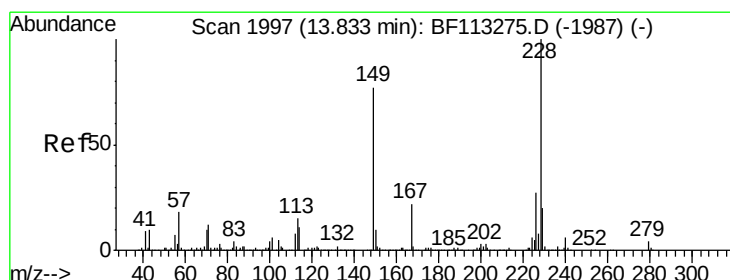
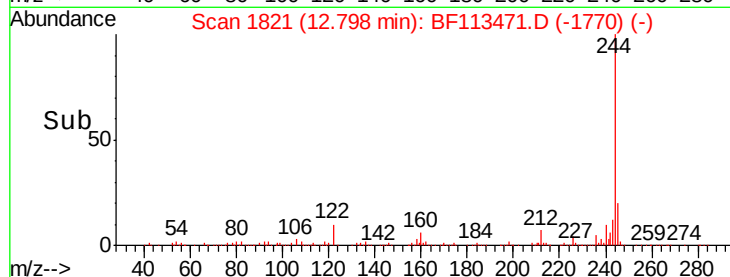
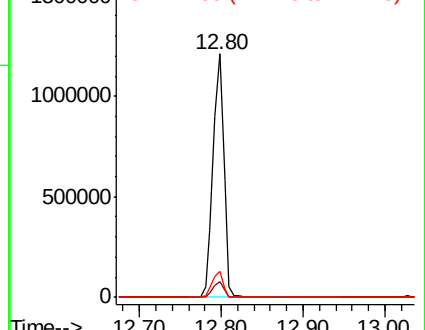
122 10.6 8.6 13.0



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



#81

Benzo(a)anthracene

Concen: 9.644 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

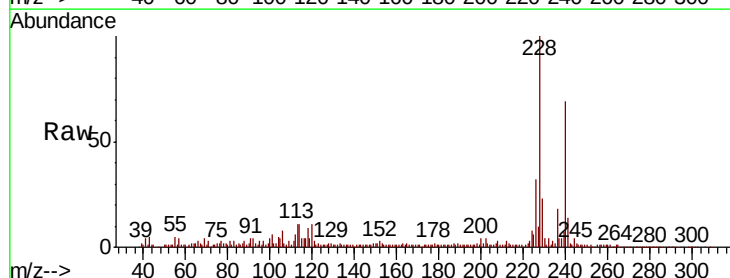
Tgt Ion:228 Resp: 215657

Ion Ratio Lower Upper

228 100

226 31.8 21.8 32.8

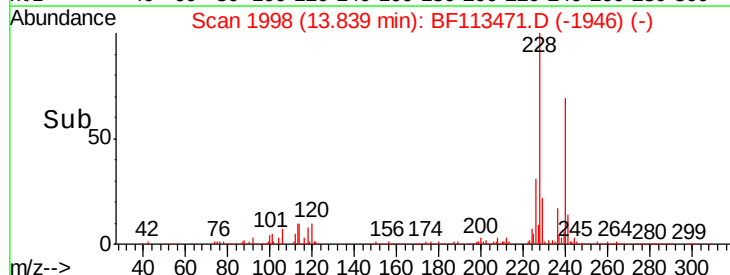
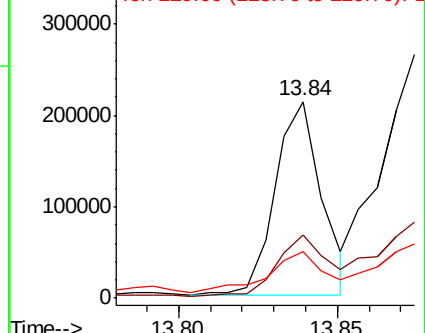
229 23.5 16.2 24.4

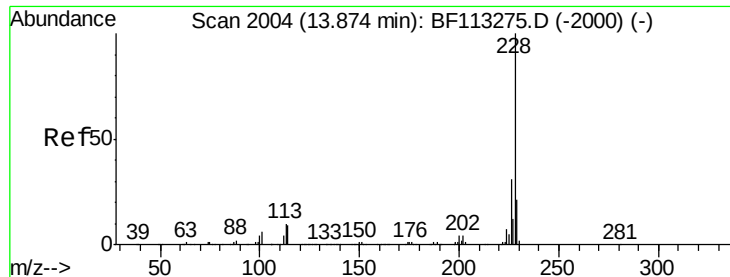


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 13.080 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

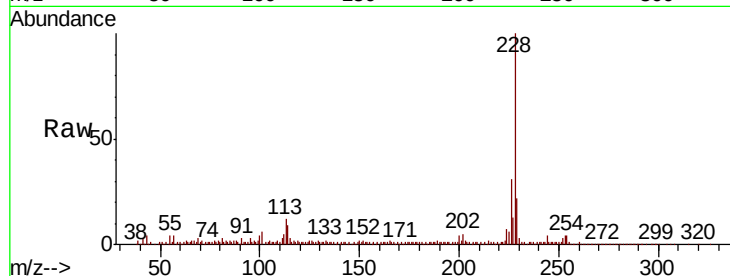
Tgt Ion:228 Resp: 297075

Ion Ratio Lower Upper

228 100

226 31.4 24.3 36.5

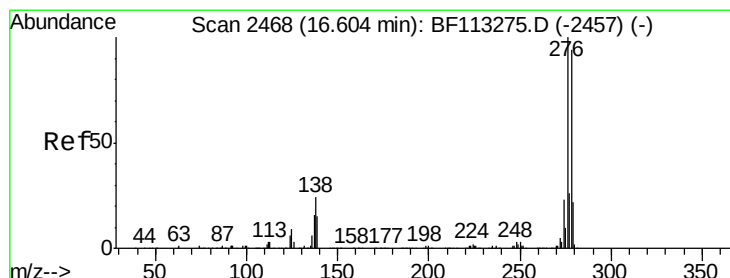
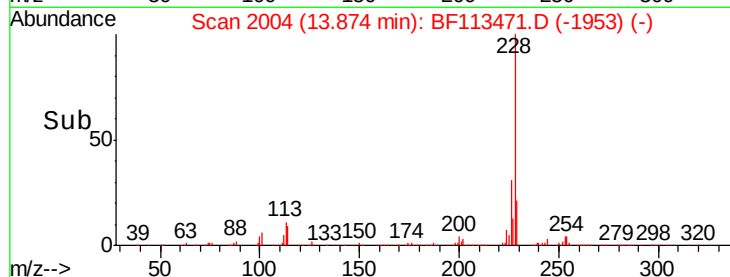
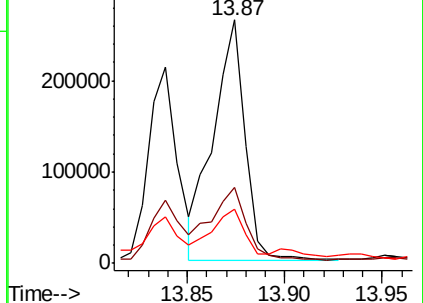
229 22.5 16.3 24.5



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.808 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

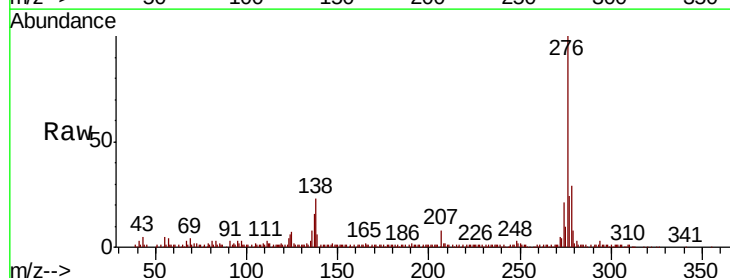
Tgt Ion:276 Resp: 171687

Ion Ratio Lower Upper

276 100

138 21.7 18.1 27.1

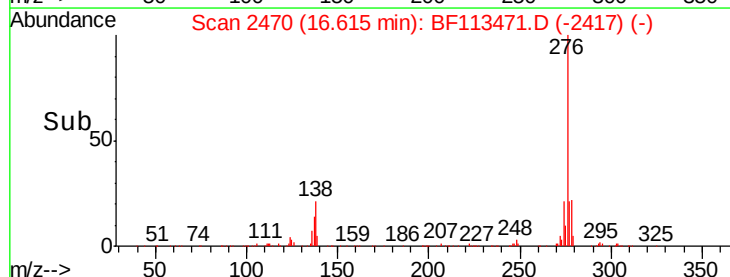
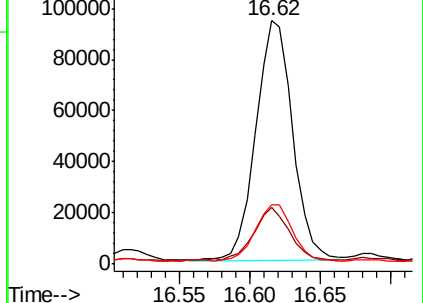
277 23.7 20.2 30.4

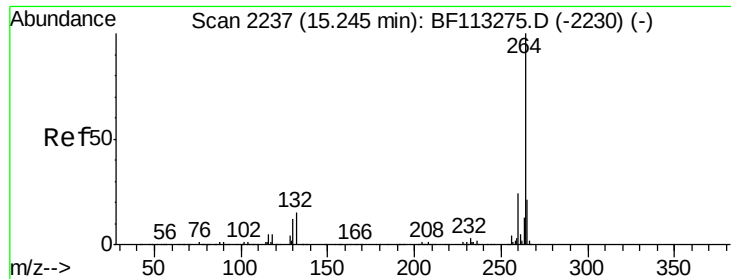


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

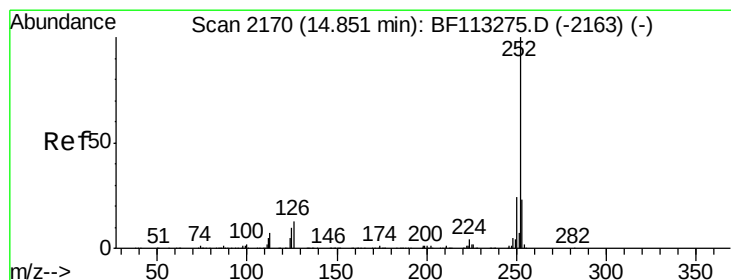
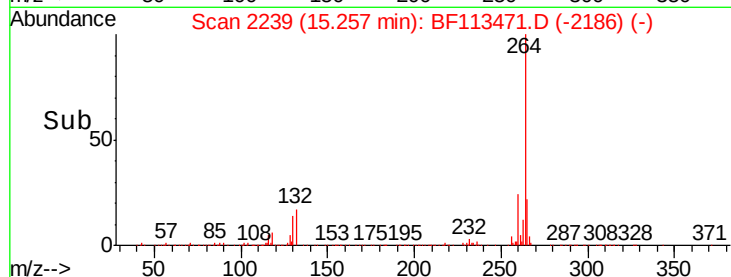
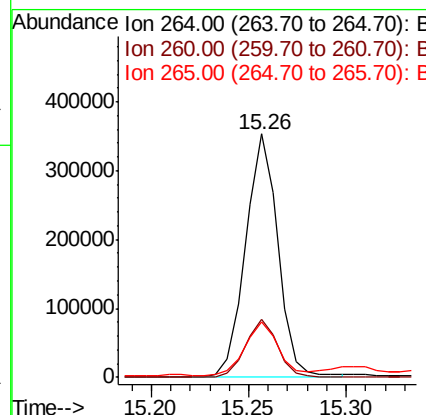
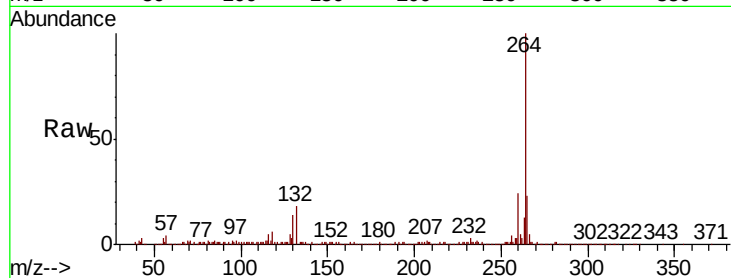




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

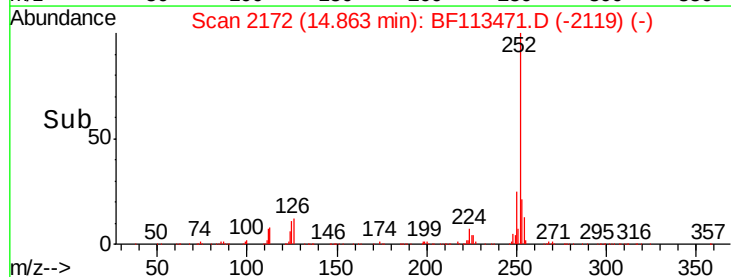
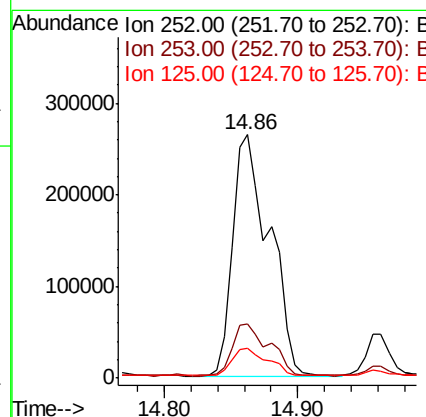
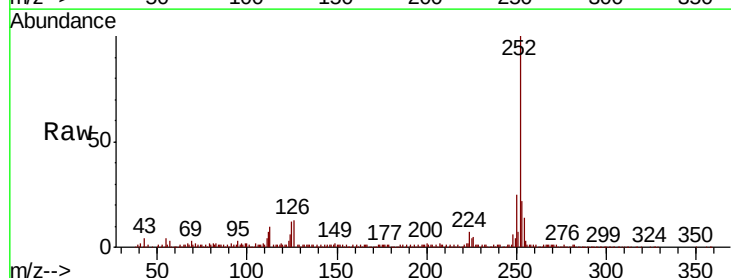
Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

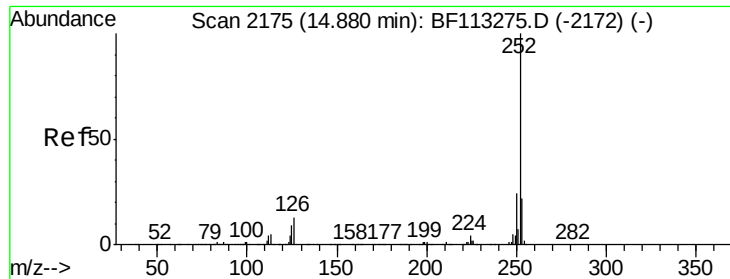
Tgt Ion:264 Resp: 402212
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 20.245 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion:252 Resp: 505836
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 12.4 7.6 11.4#

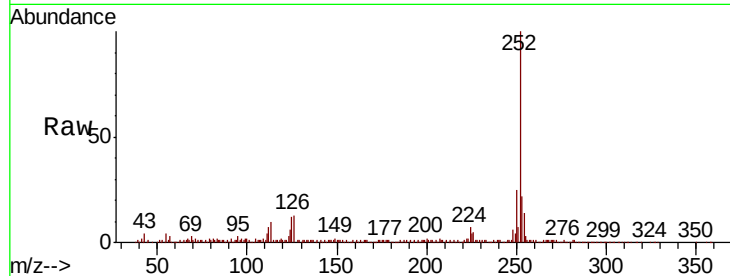




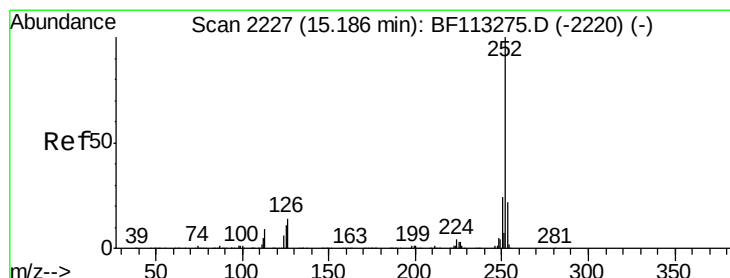
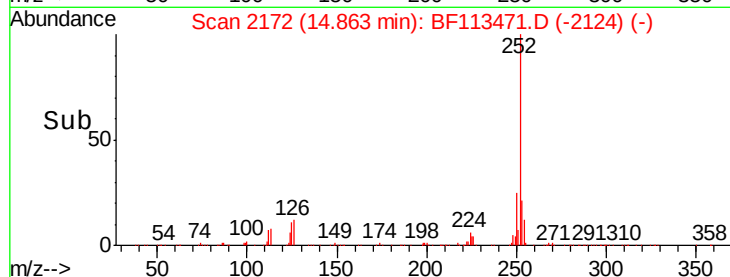
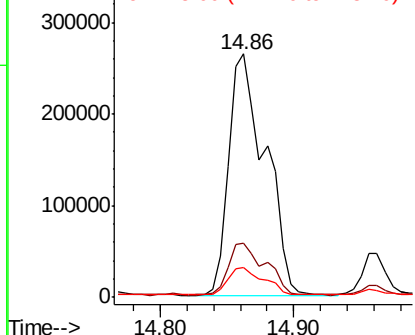
#89
Benzo(k)fluoranthene
Concen: 23.054 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

Tgt Ion:252 Resp: 505836
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.4 7.3 10.9#

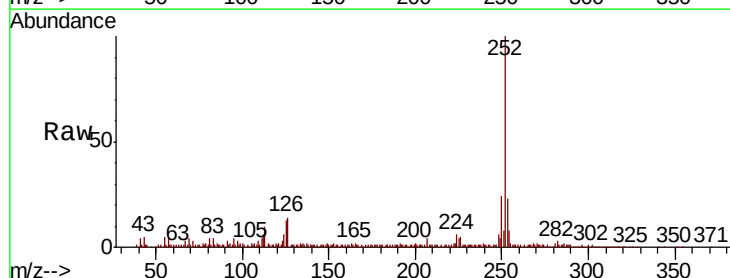


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

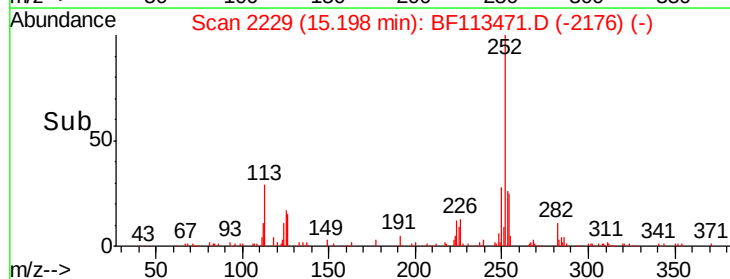
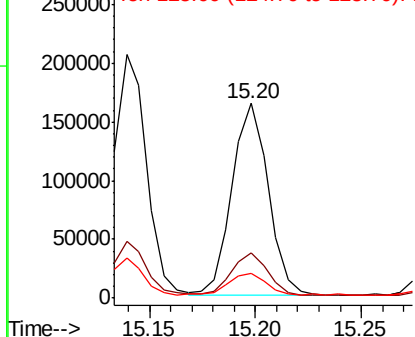


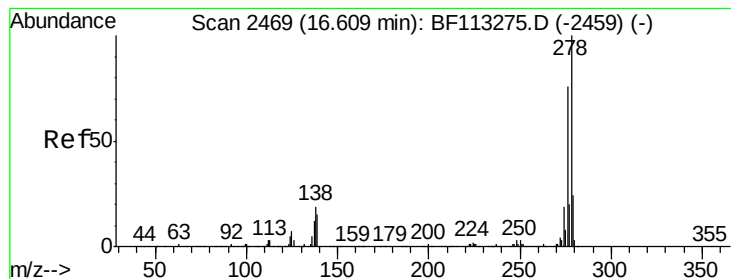
#90
Benzo(a)pyrene
Concen: 8.845 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113471.D
Acq: 1 Apr 2019 17:25

Tgt Ion:252 Resp: 195924
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 12.6 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 2.421 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.22 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

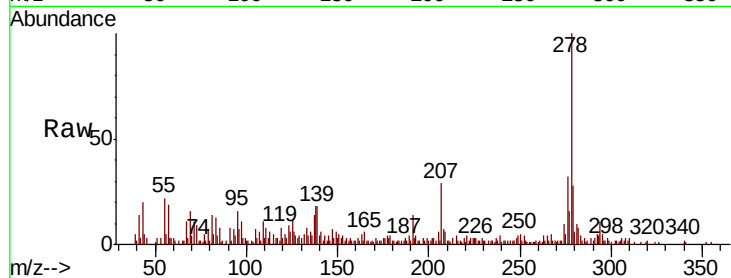
Tgt Ion:278 Resp: 46365

Ion Ratio Lower Upper

278 100

139 17.8 12.0 18.0

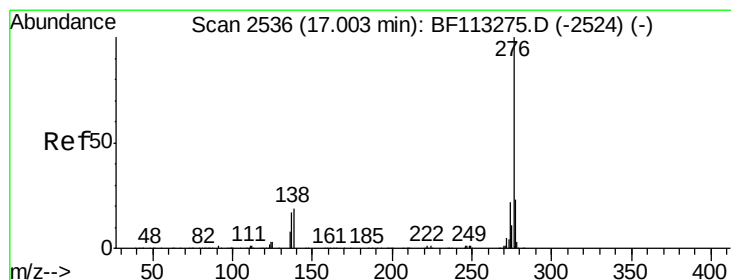
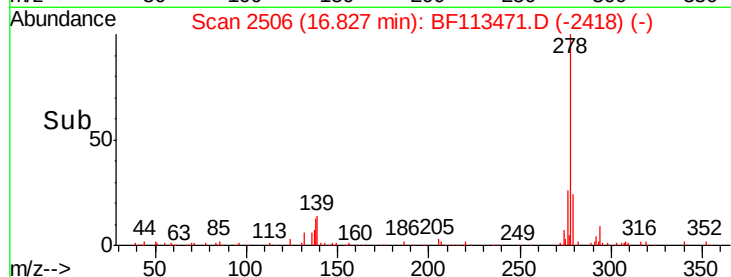
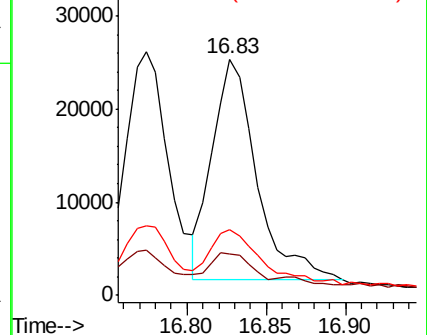
279 28.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.746 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF113471.D

Acq: 1 Apr 2019 17:25

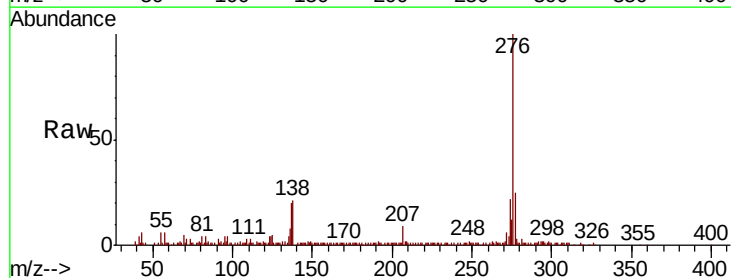
Tgt Ion:276 Resp: 149585

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 21.5 15.6 23.4



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

