

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
 Data File : BF093903.D
 Acq On : 24 Mar 2017 12:52
 Operator : SJ/MA
 Sample : I2348-04RE 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMPRES

Quant Time: Mar 24 14:17:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

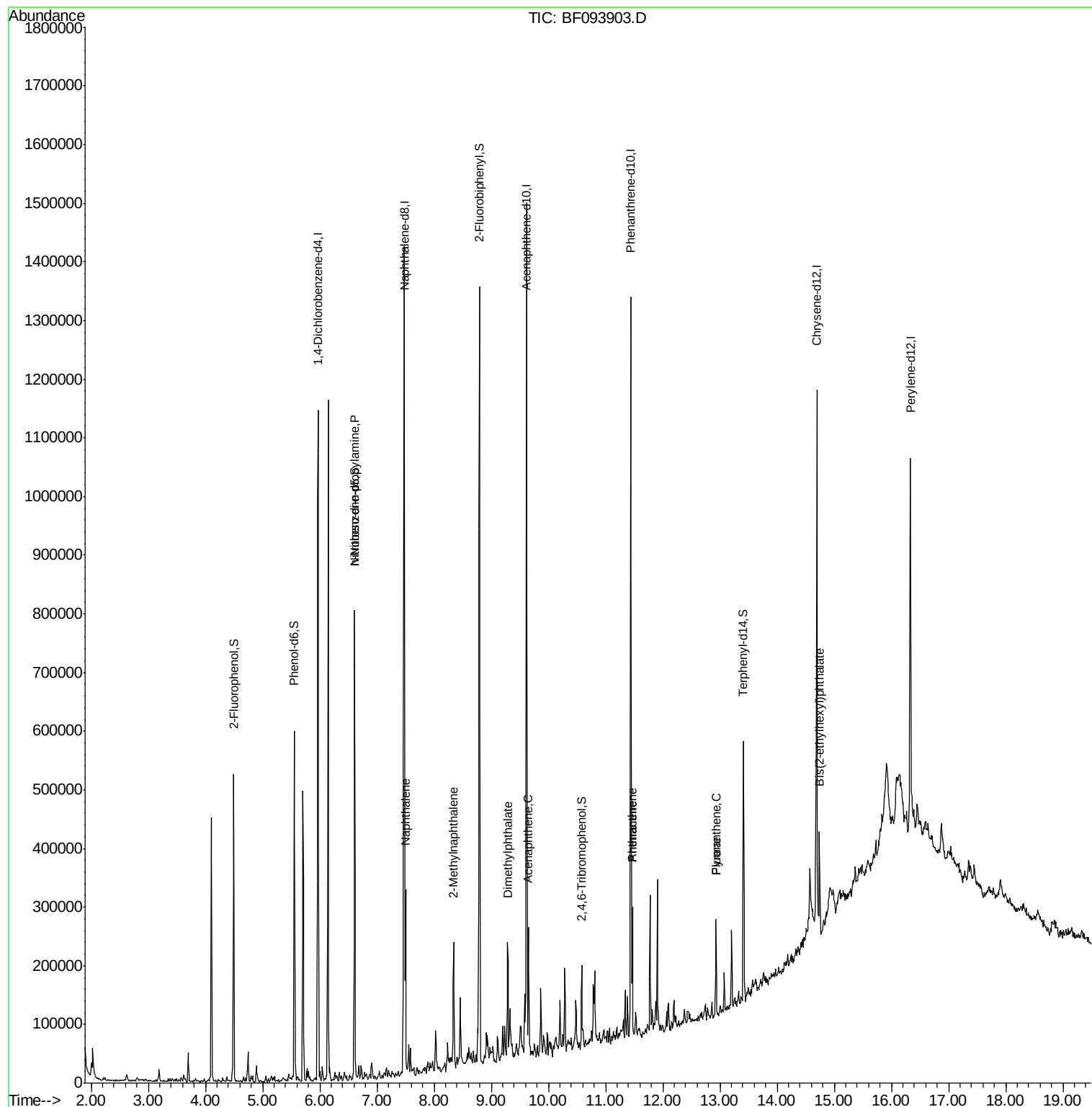
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	184456	20.00	ng	-0.02
21) Naphthalene-d8	7.47	136	710505	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	302804	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	470371	20.00	ng	-0.02
75) Chrysene-d12	14.69	240	336654	20.00	ng	-0.02
86) Perylene-d12	16.33	264	276318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	128332	11.75	ng	-0.01
7) Phenol-d6	5.55	99	191658	14.19	ng	-0.02
23) Nitrobenzene-d5	6.61	82	249483	20.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	11258	4.70	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	399256	20.11	ng	-0.03
78) Terphenyl-d14	13.41	244	147404	9.81	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.61	70	33480	3.86	ng	Qvalue # 74
31) Naphthalene	7.50	128	135198	3.96	ng	99
37) 2-Methylnaphthalene	8.34	142	52937	2.32	ng	97
49) Dimethylphthalate	9.29	163	83610	3.88	ng	99
51) Acenaphthene	9.65	154	42261	2.28	ng	94
70) Phenanthrene	11.47	178	87149	3.33	ng	99
71) Anthracene	11.47	178	87149	3.23	ng	99
74) Fluoranthene	12.93	202	75226	2.81	ng	99
77) Pyrene	12.93	202	63345	2.59	ng	96
83) Bis(2-ethylhexyl)phthalate	14.74	149	58331	4.11	ng	# 99

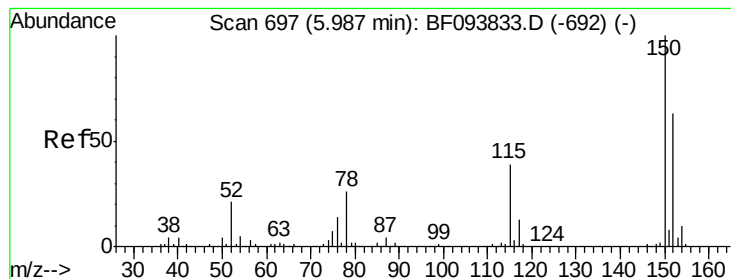
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032417\
Data File : BF093903.D
Acq On : 24 Mar 2017 12:52
Operator : SJ/MA
Sample : I2348-04RE 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMPRES

Quant Time: Mar 24 14:17:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

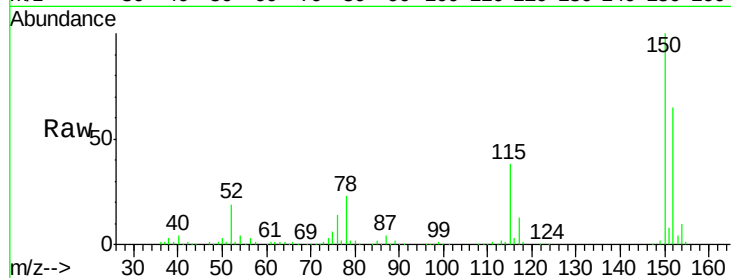
Tgt Ion:152 Resp: 184456

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

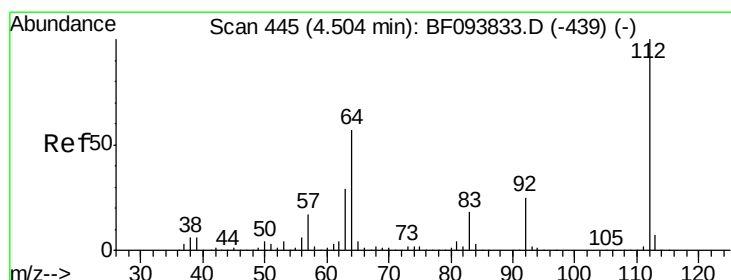
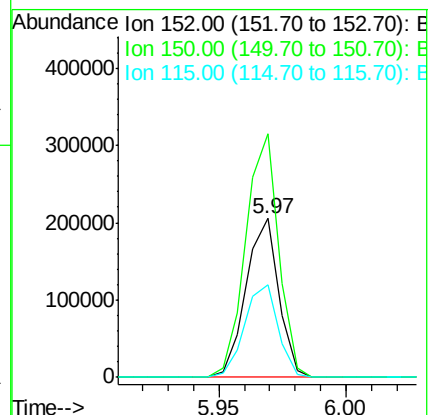
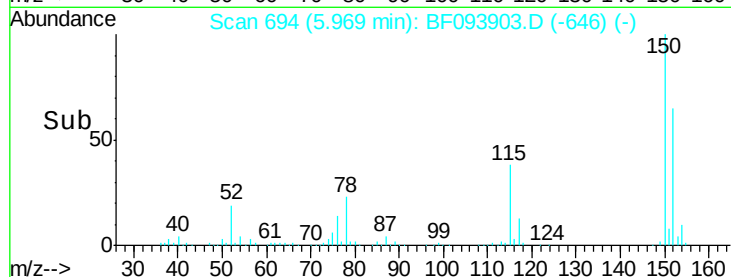
115 58.6 52.2 78.2



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: 11.75 ng

RT: 4.49 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

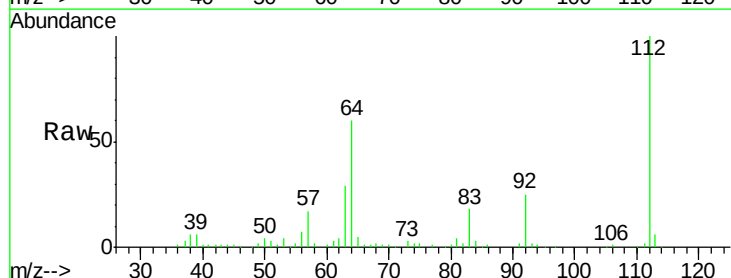
Tgt Ion:112 Resp: 128332

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

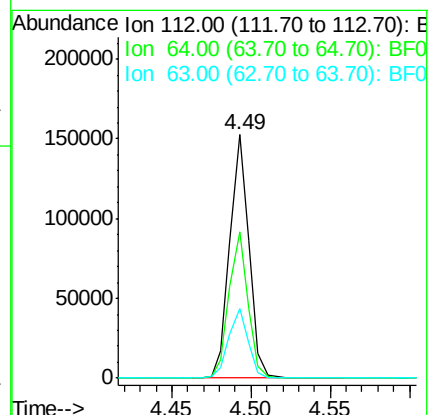
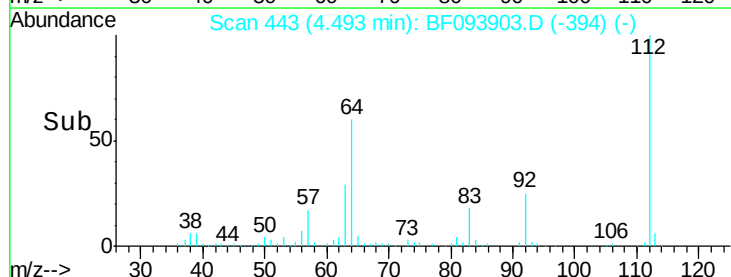
63 28.8 23.4 35.0

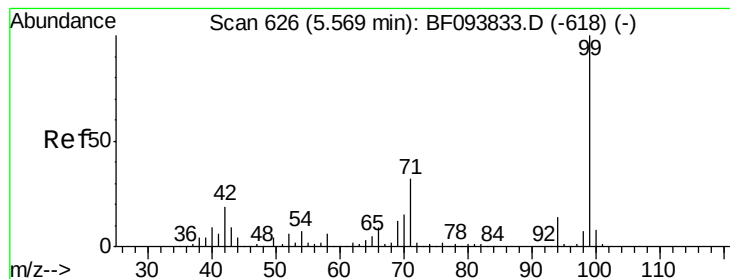


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.19 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

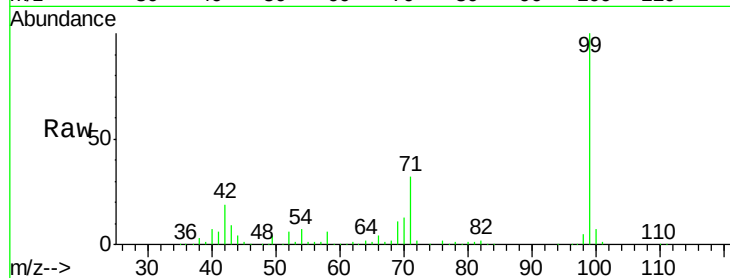
Tgt Ion: 99 Resp: 191658

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

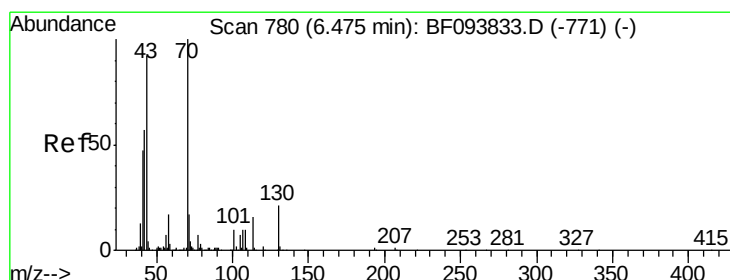
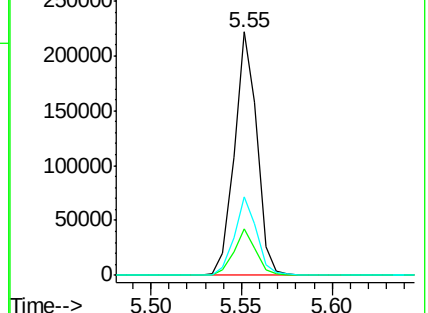
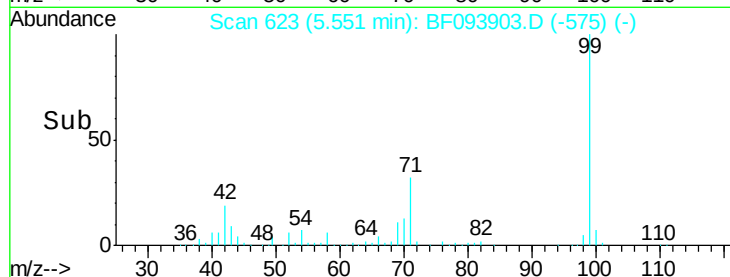
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.86 ng

RT: 6.61 min Scan# 803

Delta R.T. 0.14 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Tgt Ion: 70 Resp: 33480

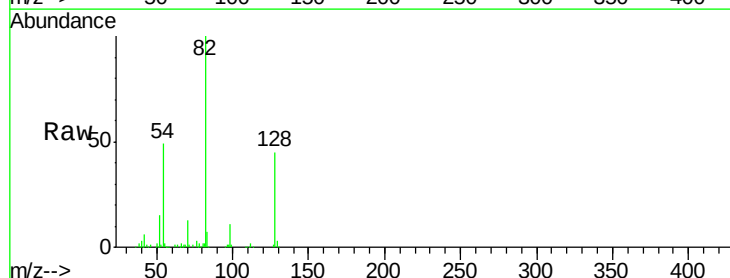
Ion Ratio Lower Upper

70 100

42 42.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

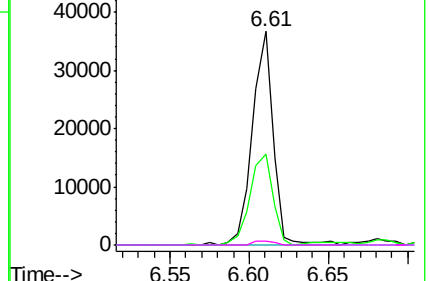
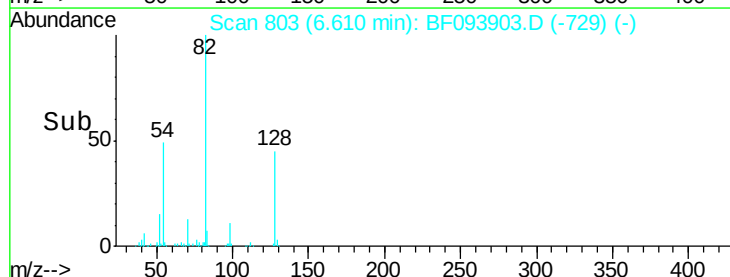


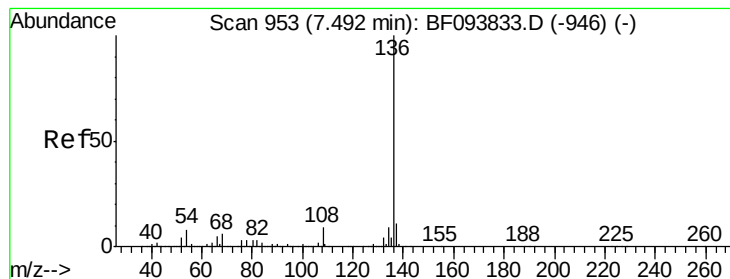
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

Tgt Ion: 136 Resp: 710505

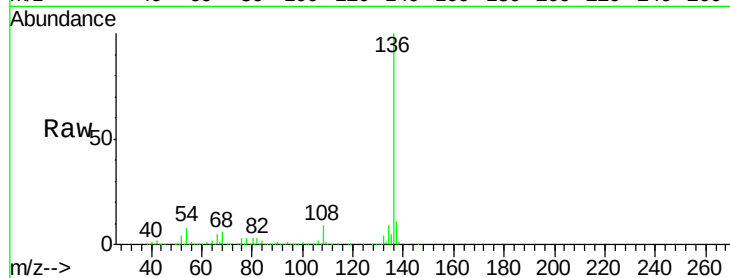
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 5.6 4.1 6.1

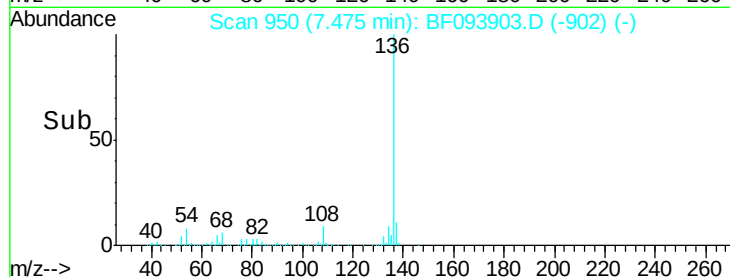


Abundance Ion 136.00 (135.70 to 136.70): E

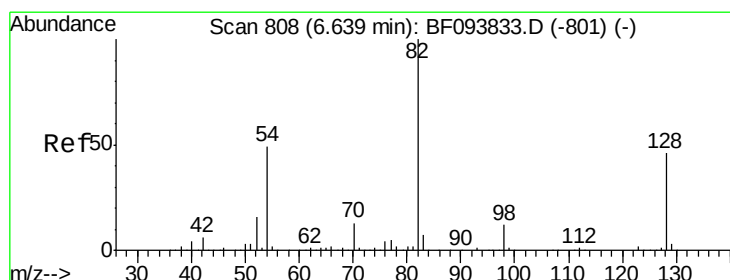
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 20.04 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

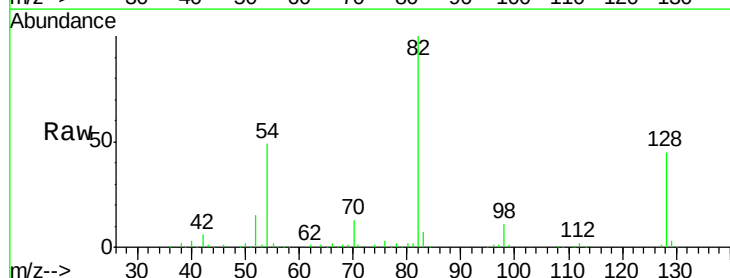
Tgt Ion: 82 Resp: 249483

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

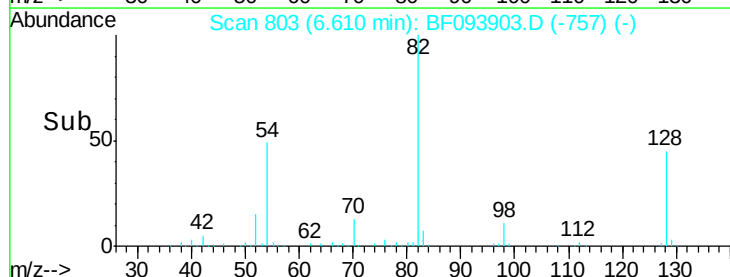
54 48.6 42.2 63.2



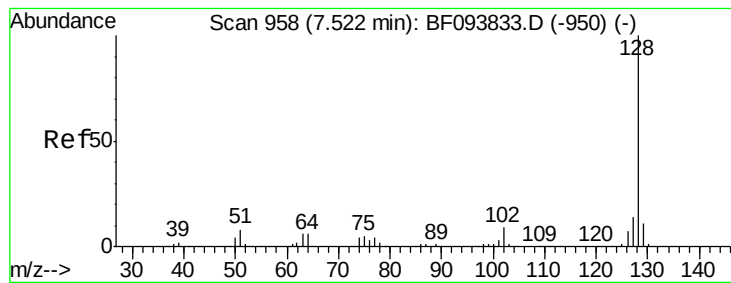
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#31

Naphthalene

Concen: 3.96 ng

RT: 7.50 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

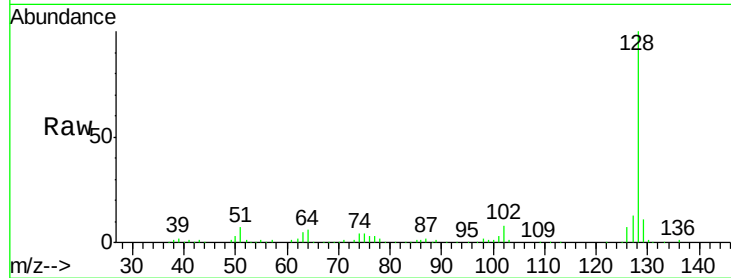
Tgt Ion:128 Resp: 135198

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

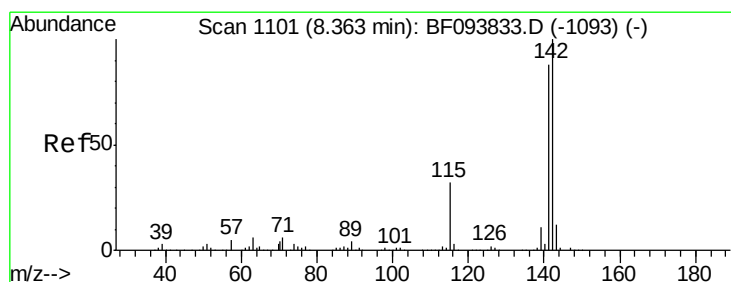
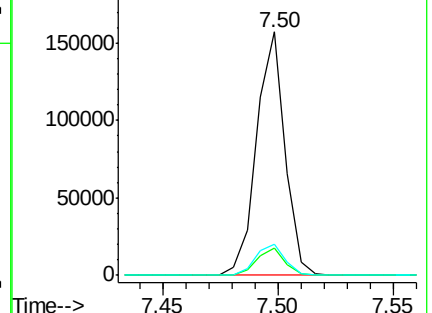
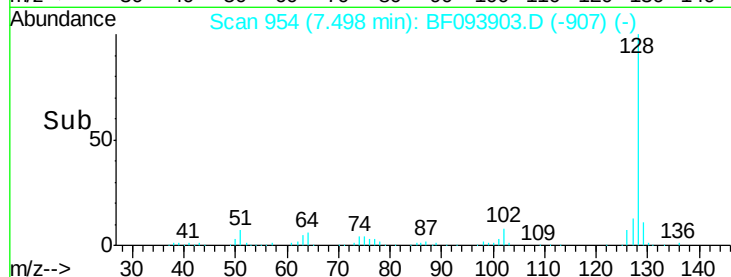
127 12.6 10.8 16.2



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: 2.32 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

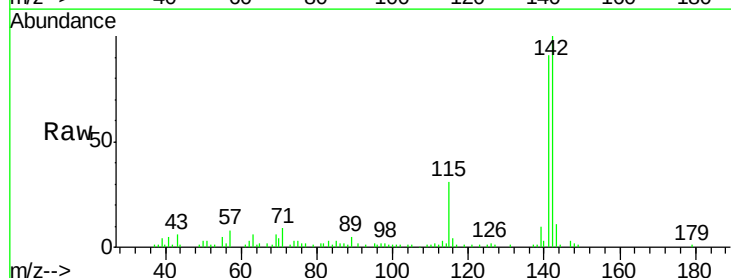
Tgt Ion:142 Resp: 52937

Ion Ratio Lower Upper

142 100

141 91.2 71.3 106.9

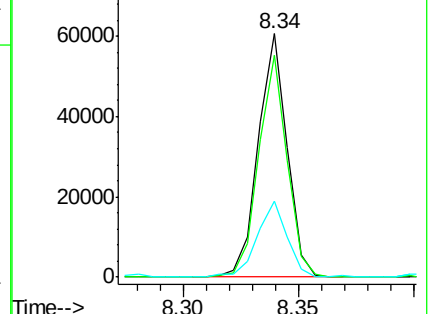
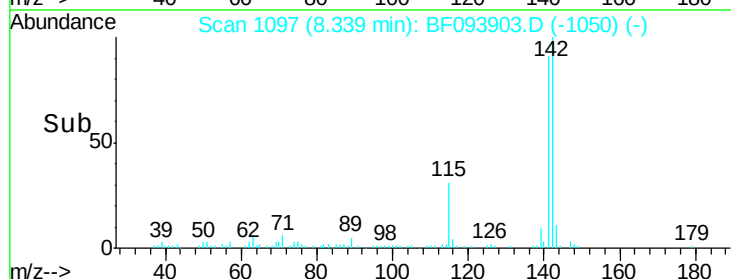
115 31.1 27.1 40.7

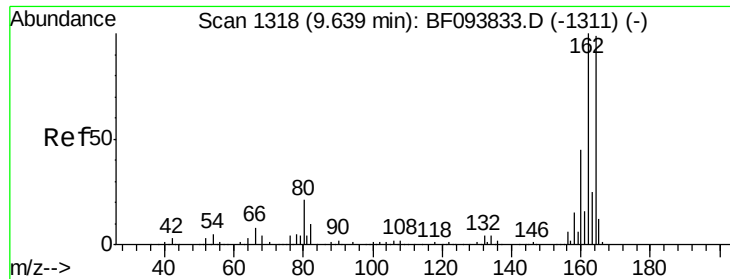


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

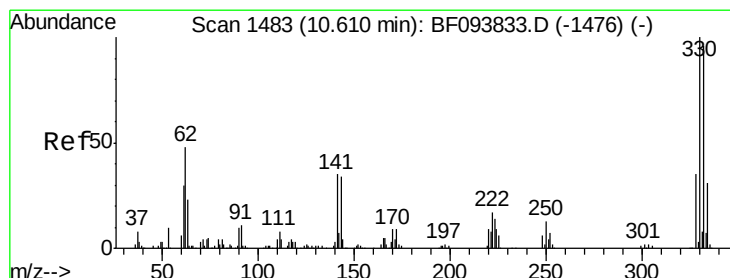
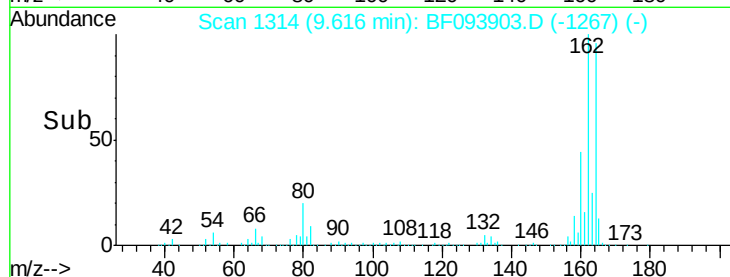
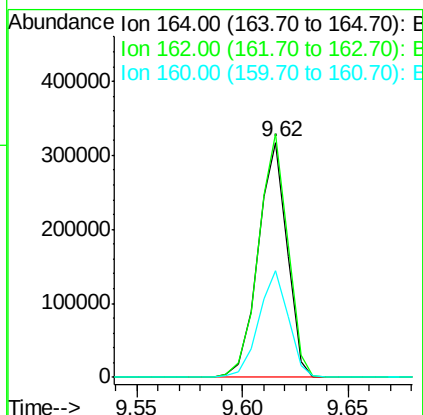
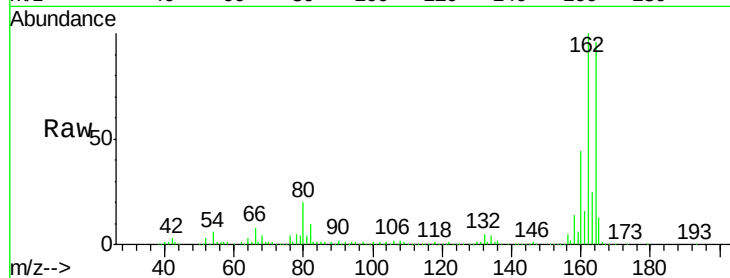




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

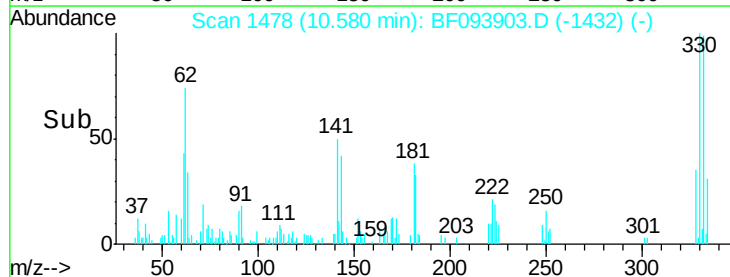
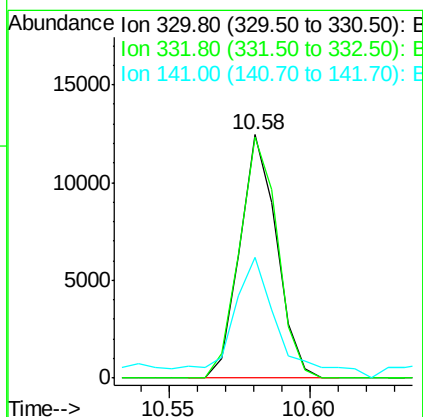
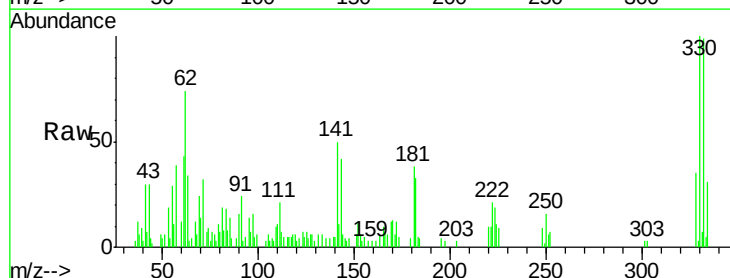
Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMP

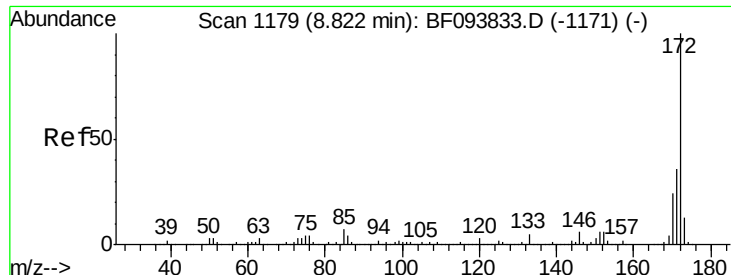
Tgt Ion:164 Resp: 302804
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 45.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 4.70 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Tgt Ion:330 Resp: 11258
 Ion Ratio Lower Upper
 330 100
 332 102.1 76.6 115.0
 141 61.8 31.4 47.2#

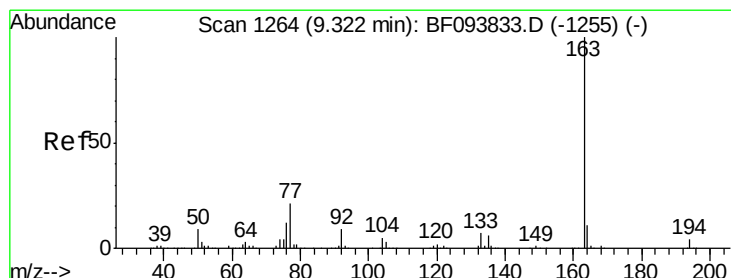
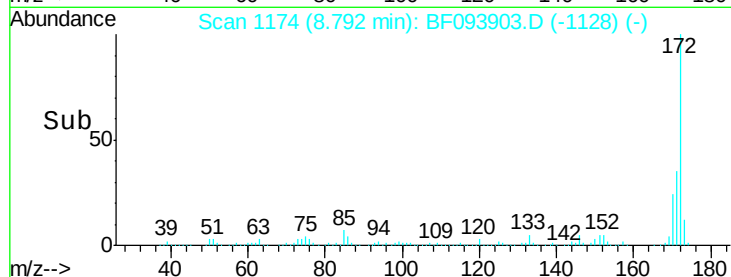
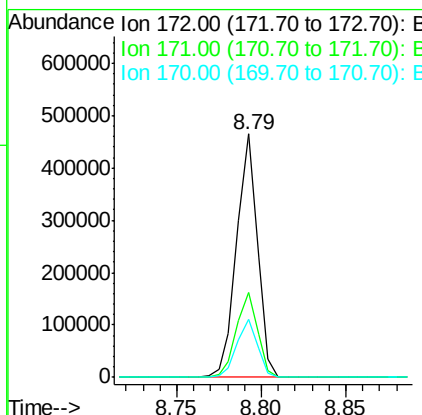
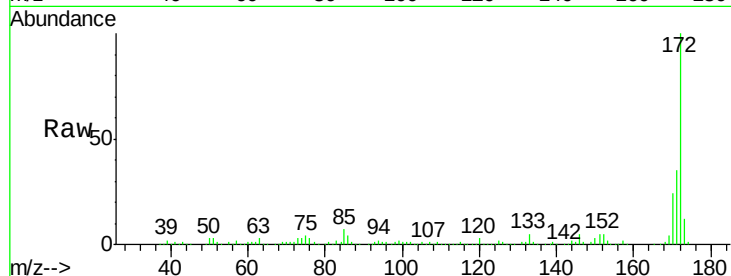




#44
2-Fluorobiphenyl
Concen: 20.11 ng
RT: 8.79 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

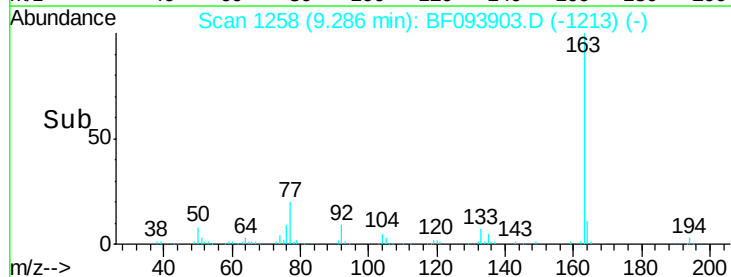
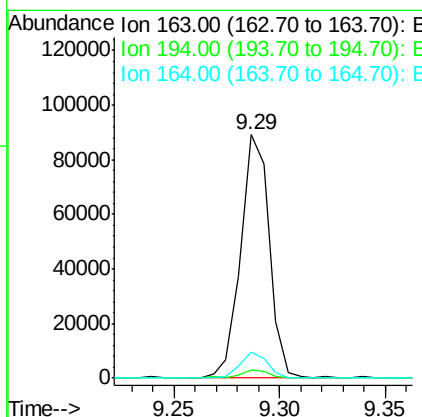
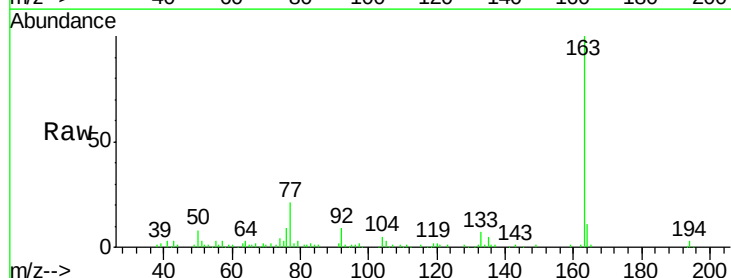
Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

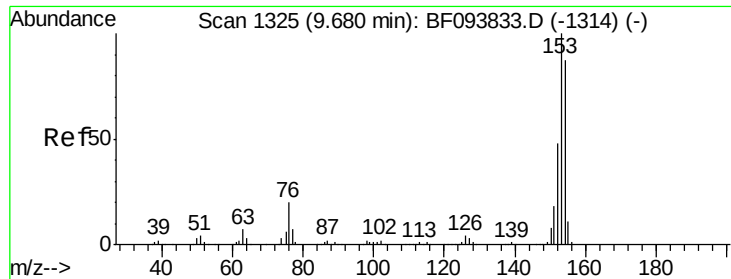
Tgt Ion:172 Resp: 399256
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion:163 Resp: 83610
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.4 12.6





#51

Acenaphthene

Concen: 2.28 ng

RT: 9.65 min Scan# 1320

Delta R.T. -0.03 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMP

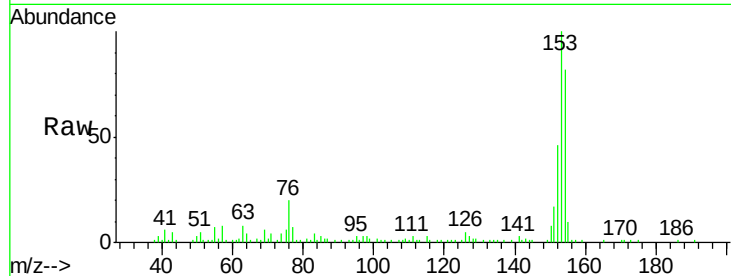
Tgt Ion:154 Resp: 42261

Ion Ratio Lower Upper

154 100

153 122.3 90.5 135.7

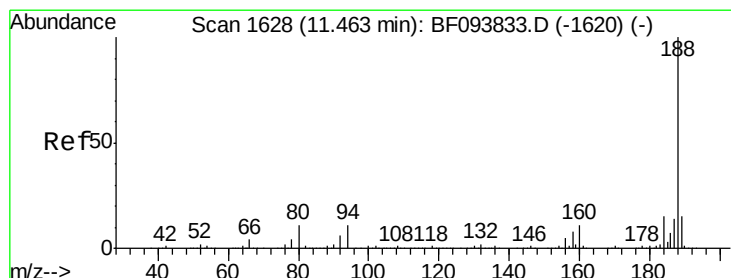
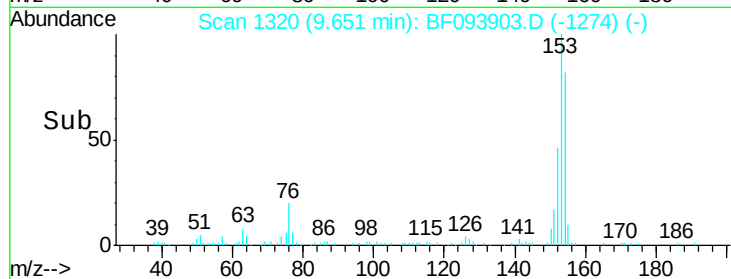
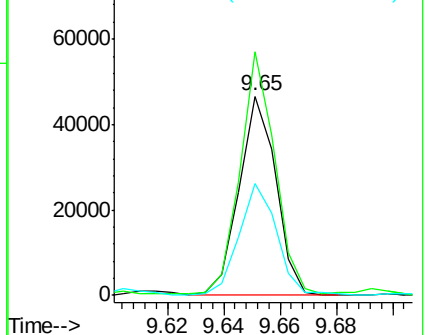
152 56.0 43.6 65.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

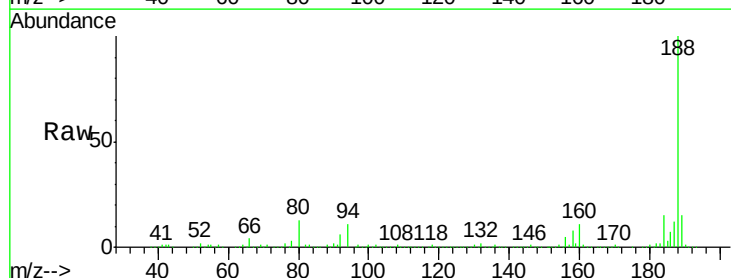
Tgt Ion:188 Resp: 470371

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

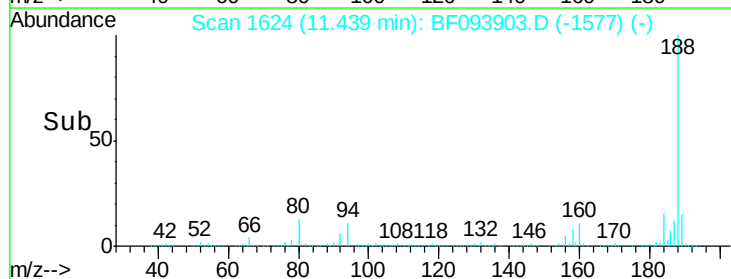
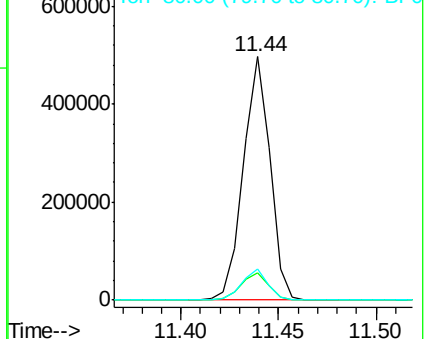
80 12.8 10.2 15.2

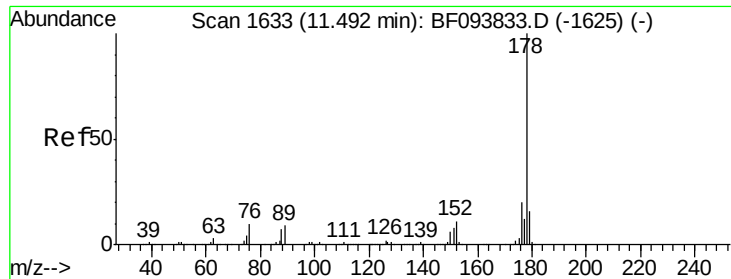


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.33 ng

RT: 11.47 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

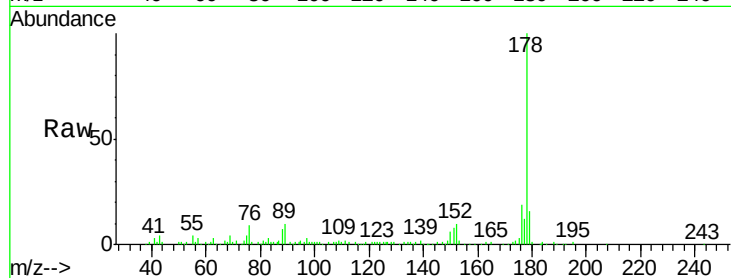
Tgt Ion:178 Resp: 87149

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

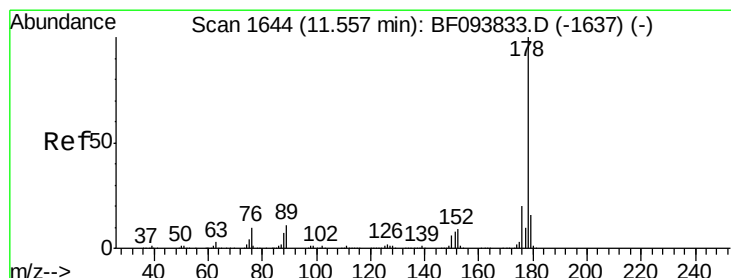
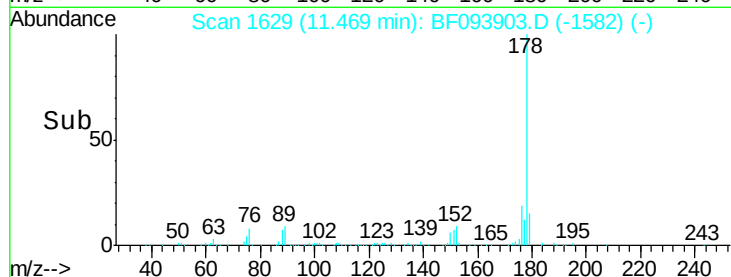
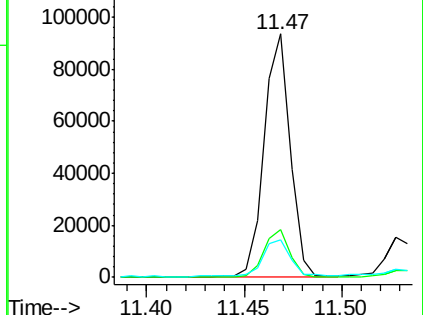
179 15.6 12.6 19.0



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



#71

Anthracene

Concen: 3.23 ng

RT: 11.47 min Scan# 1629

Delta R.T. -0.09 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

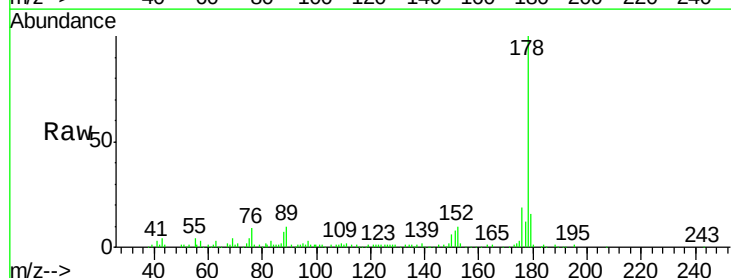
Tgt Ion:178 Resp: 87149

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

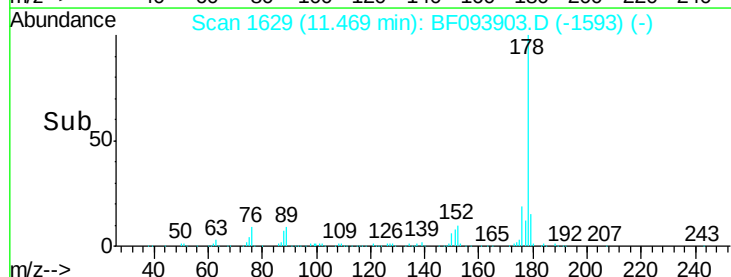
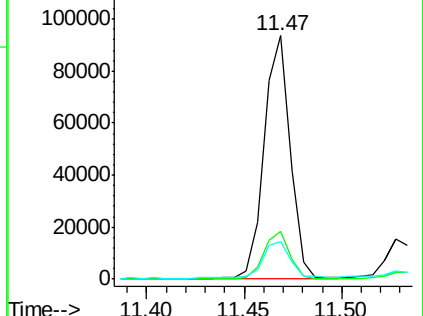
179 15.6 12.7 19.1

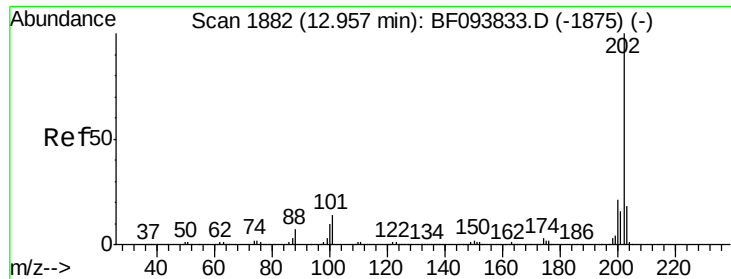


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

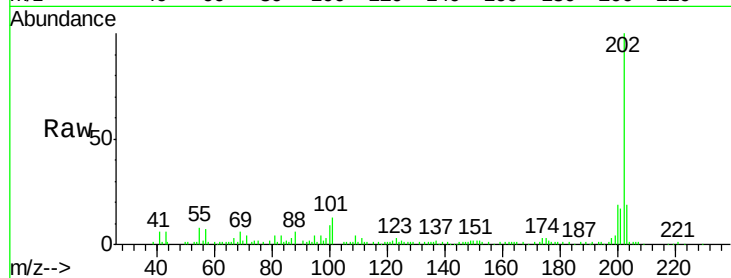




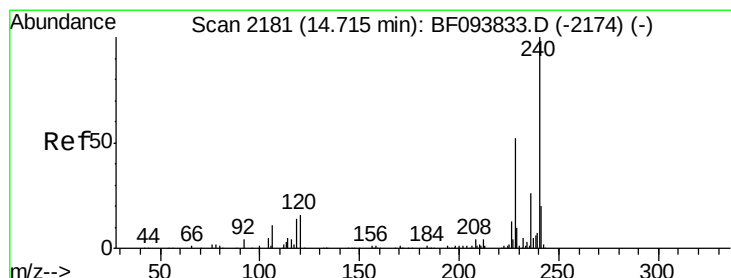
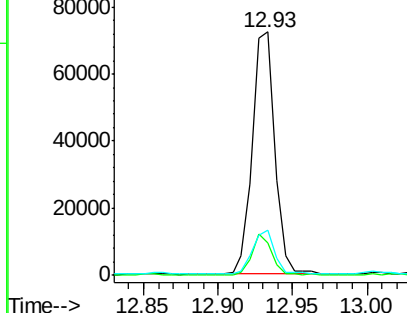
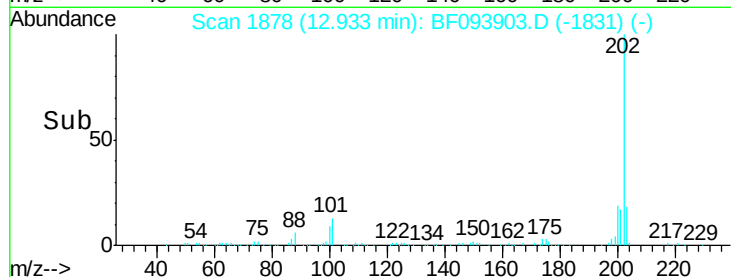
#74
Fluoranthene
Concen: 2.81 ng
RT: 12.93 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Tgt Ion: 202 Resp: 75226
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 18.8 0.0 38.1

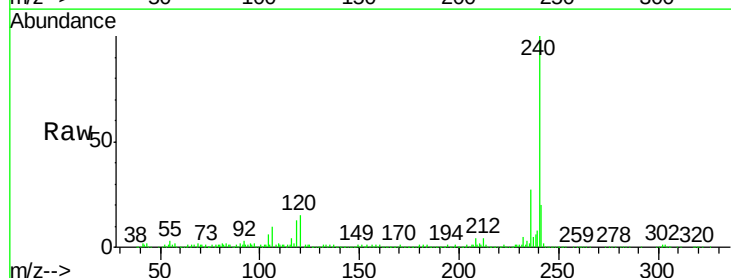


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

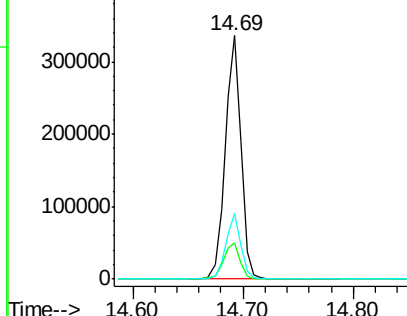
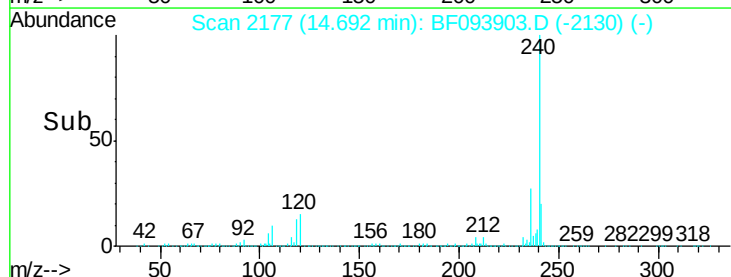


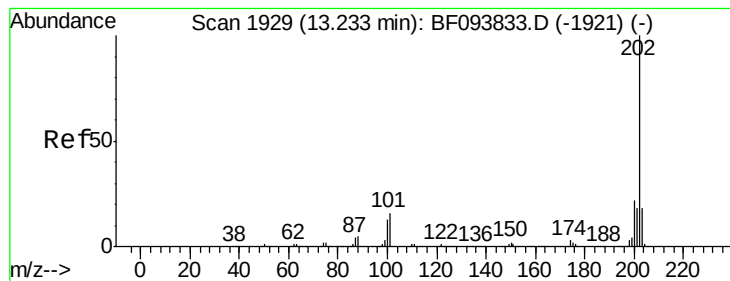
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion: 240 Resp: 336654
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 27.0 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





#77

Pyrene

Concen: 2.59 ng

RT: 12.93 min Scan# 1878

Delta R.T. -0.30 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

JFC-SOIL-COMPRE

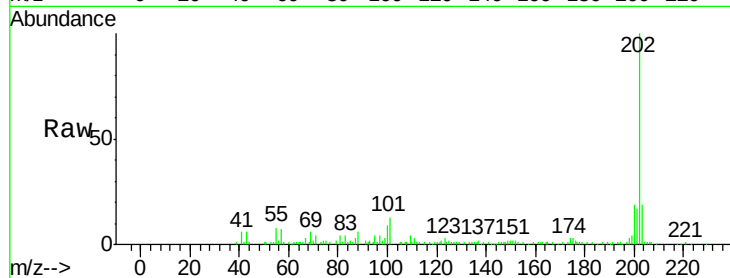
Tgt Ion: 202 Resp: 63345

Ion Ratio Lower Upper

202 100

200 19.3 17.6 26.4

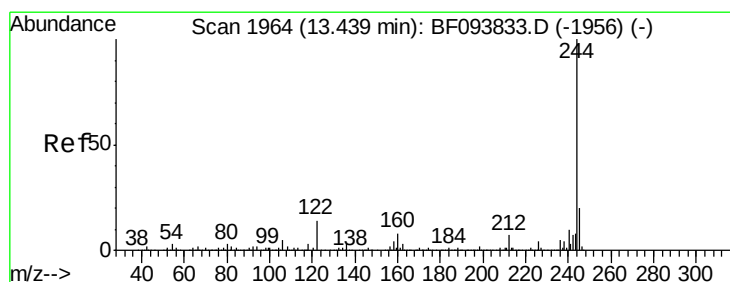
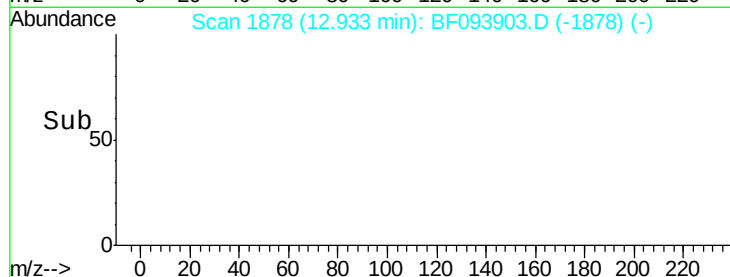
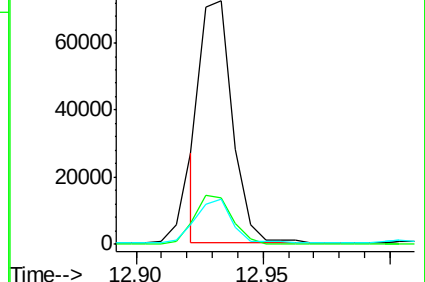
203 18.8 14.4 21.6



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: 9.81 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

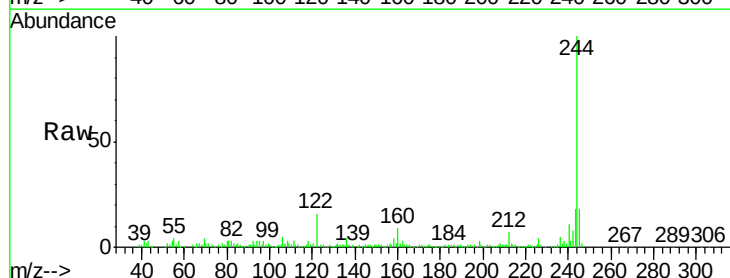
Tgt Ion: 244 Resp: 147404

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

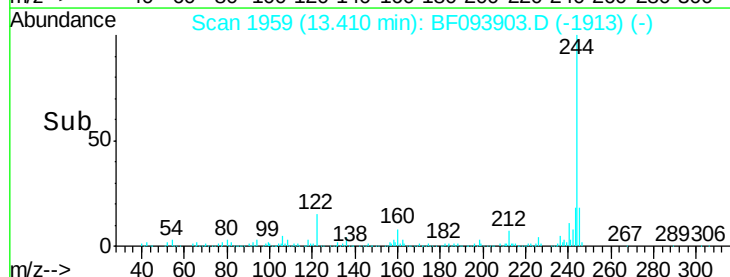
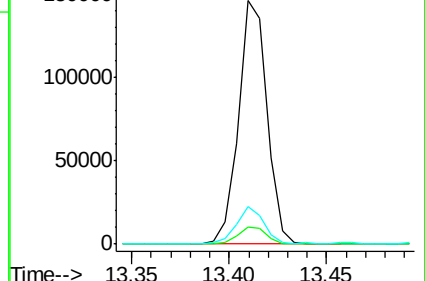
122 15.6 10.3 15.5#

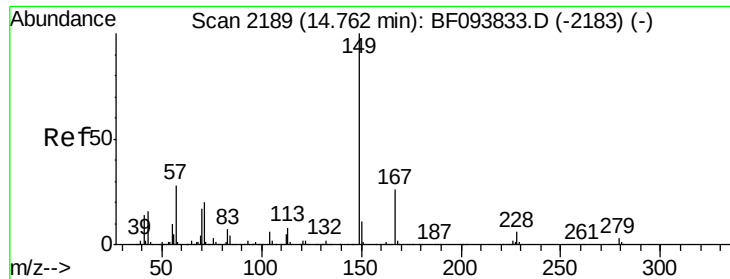


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

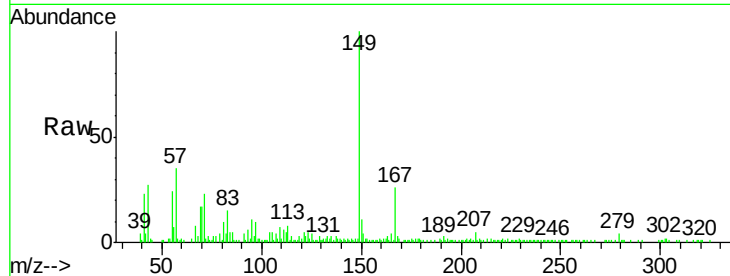




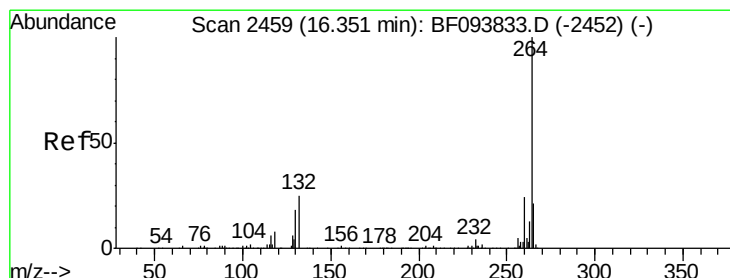
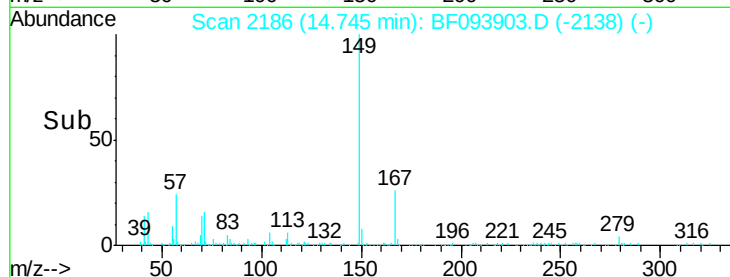
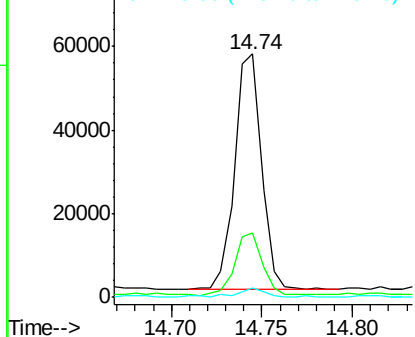
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.11 ng
 RT: 14.74 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMP

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.8	1.9	2.9#

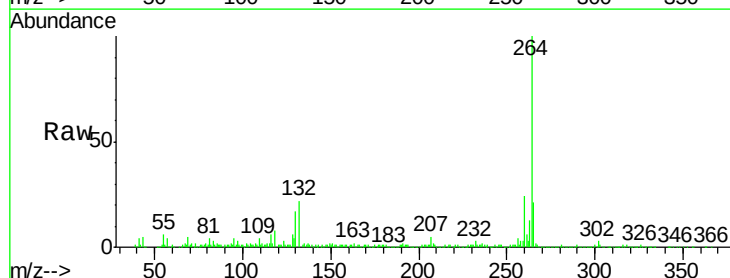


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.33 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.8	17.2	25.8



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

