

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093809.D
 Acq On : 21 Mar 2017 20:17
 Operator : SJ/MA
 Sample : I2333-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-003-B

Quant Time: Mar 22 08:56:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

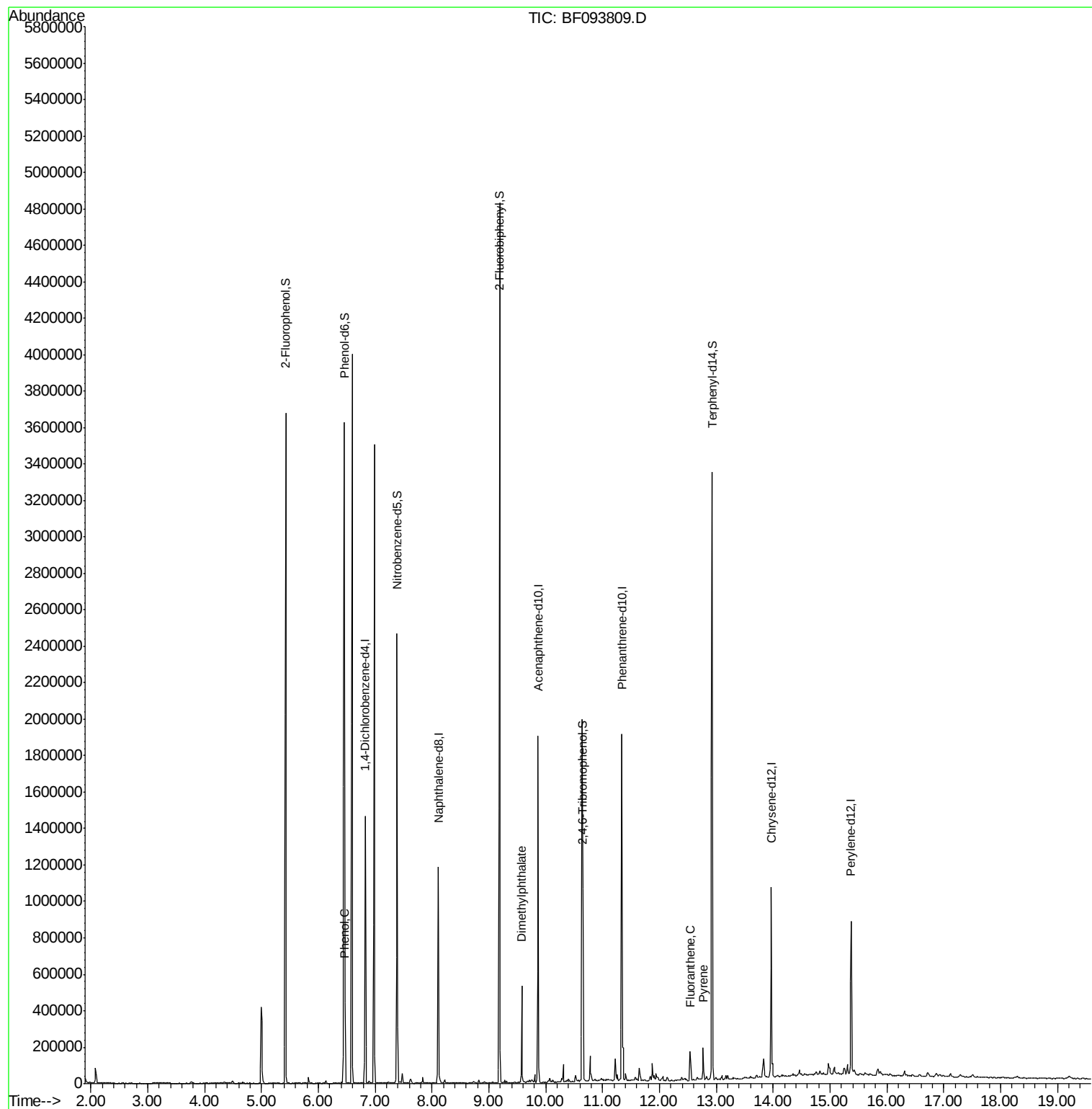
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	207272	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	831626	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	385509	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	631657	20.00	ng	0.00
75) Chrysene-d12	13.97	240	399849	20.00	ng	0.00
86) Perylene-d12	15.37	264	362266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1206969	101.83	ng	0.01
7) Phenol-d6	6.46	99	1373011	93.75	ng	0.00
23) Nitrobenzene-d5	7.38	82	821938	56.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	287522	96.29	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1524884	66.51	ng	0.00
78) Terphenyl-d14	12.93	244	1115326	56.87	ng	0.00
Target Compounds						
10) Phenol	6.47	94	86463	5.25	ng	88
49) Dimethylphthalate	9.58	163	197731	7.21	ng	99
74) Fluoranthene	12.54	202	72838	2.11	ng	94
77) Pyrene	12.77	202	68788	2.07	ng	97

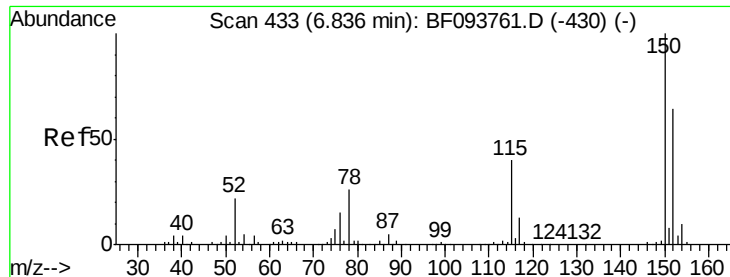
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 21 14:38:20 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-B

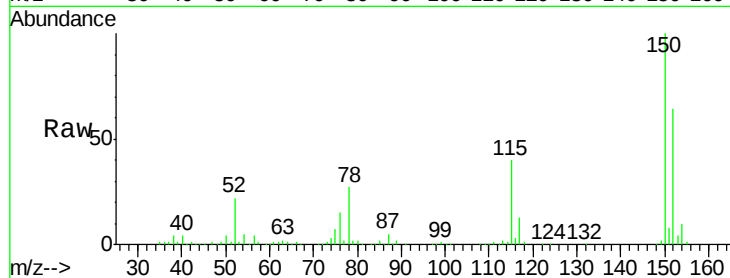
Tgt Ion:152 Resp: 207272

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

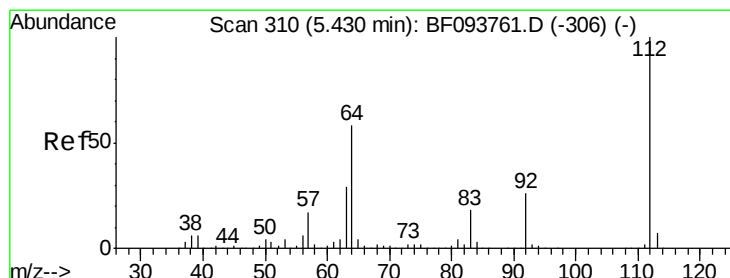
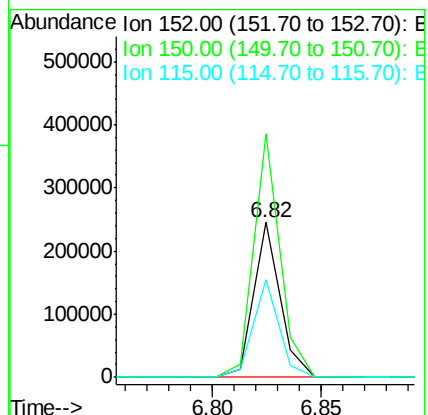
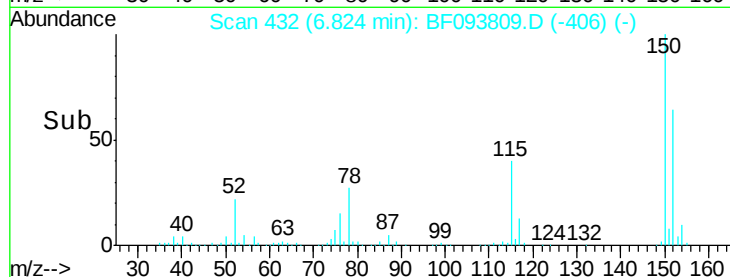
115 63.3 52.2 78.2



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: 101.83 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

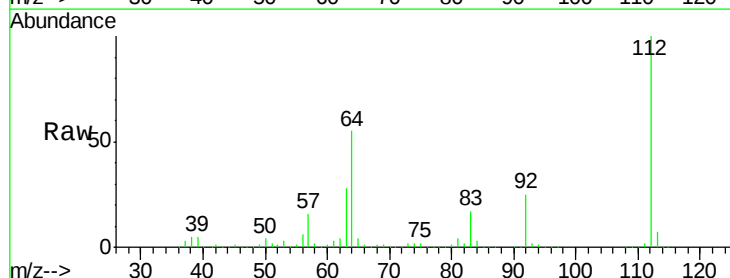
Tgt Ion:112 Resp: 1206969

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

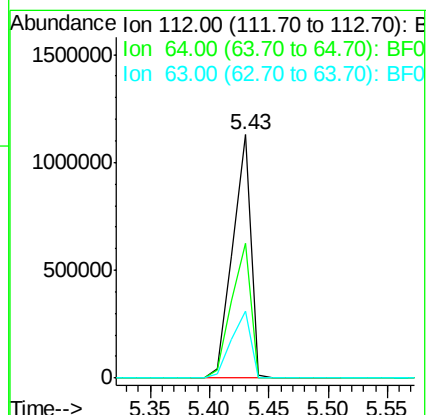
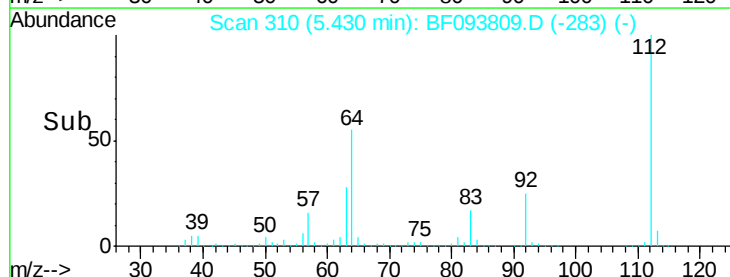
63 27.5 23.4 35.0

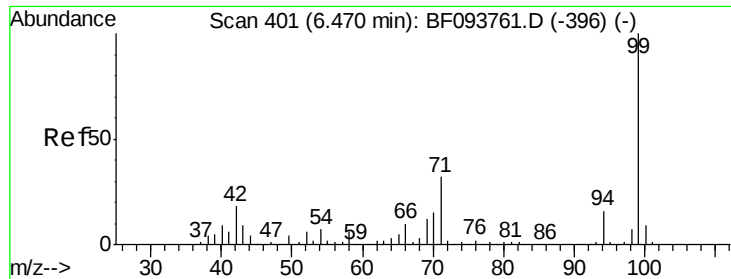


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.75 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-B

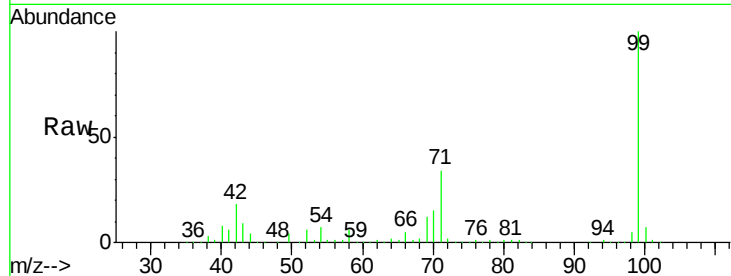
Tgt Ion: 99 Resp: 1373011

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

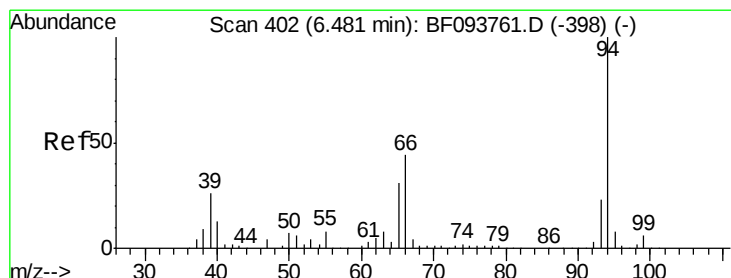
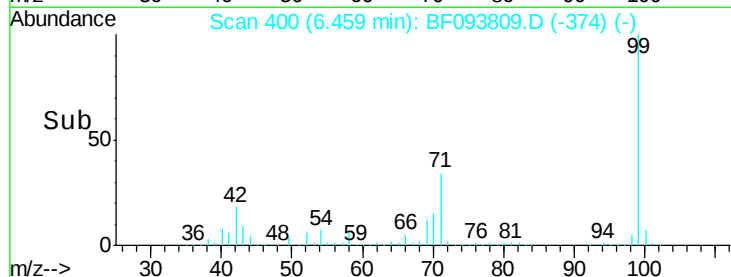
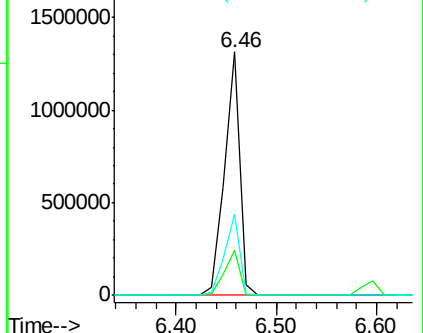
71 33.5 24.5 36.7



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



#10

Phenol

Concen: 5.25 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

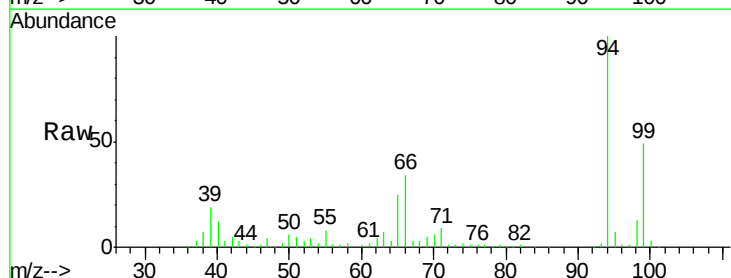
Tgt Ion: 94 Resp: 86463

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

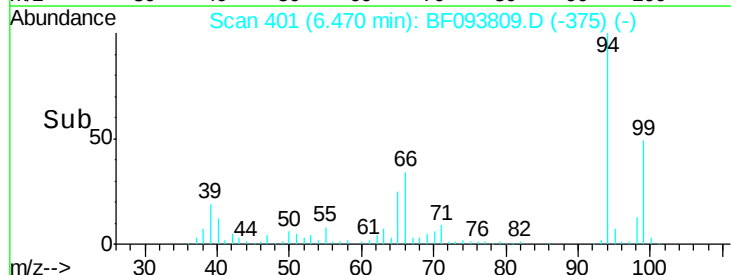
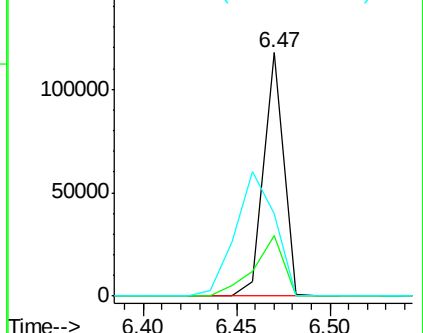
66 33.9 23.1 63.1

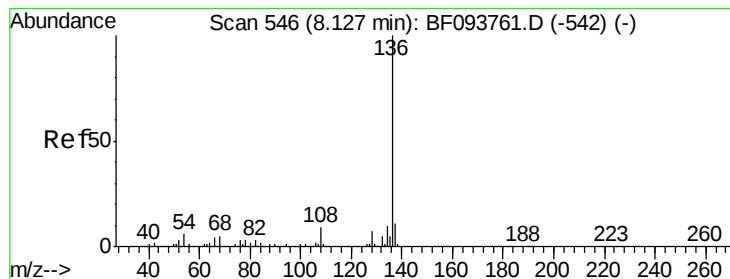


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-B

Tgt Ion: 136 Resp: 831626

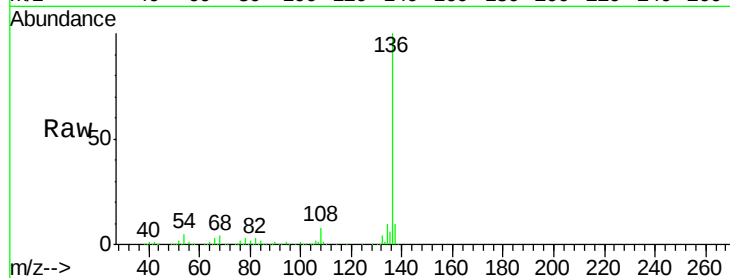
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.3 4.9 7.3

68 4.3 4.1 6.1

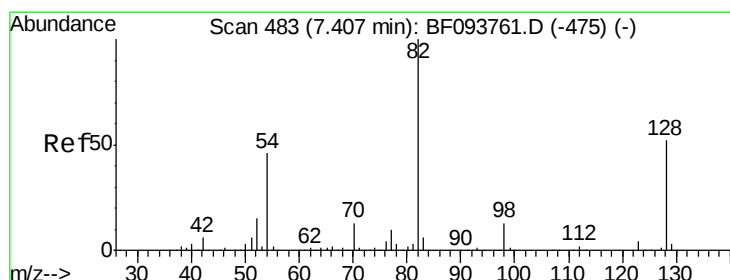
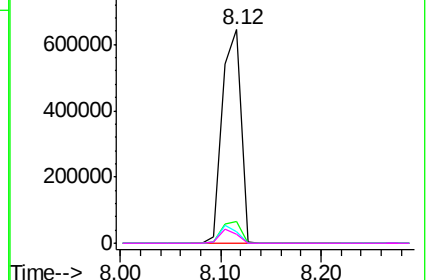
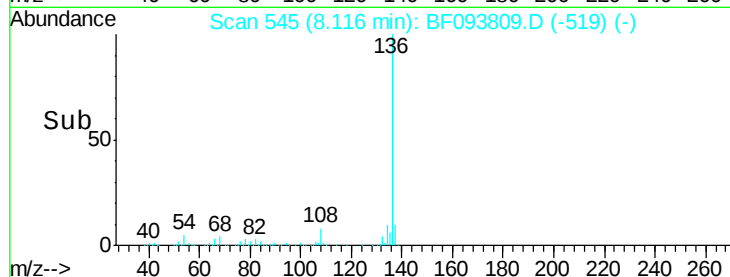


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 56.07 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

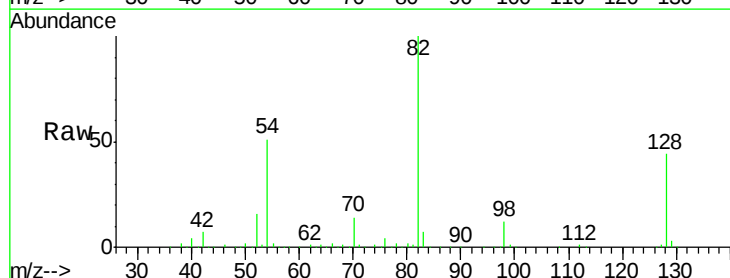
Tgt Ion: 82 Resp: 821938

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

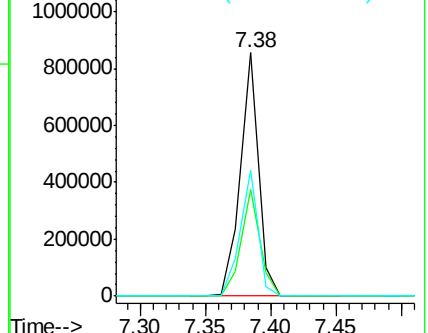
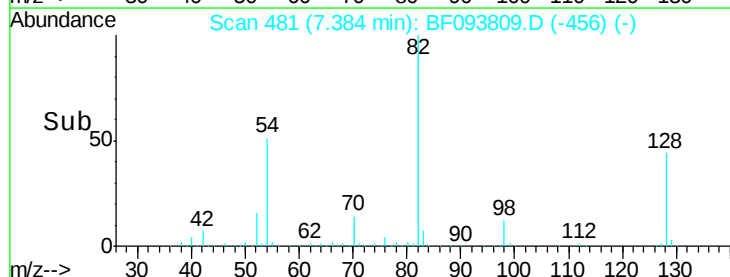
54 51.5 42.2 63.2

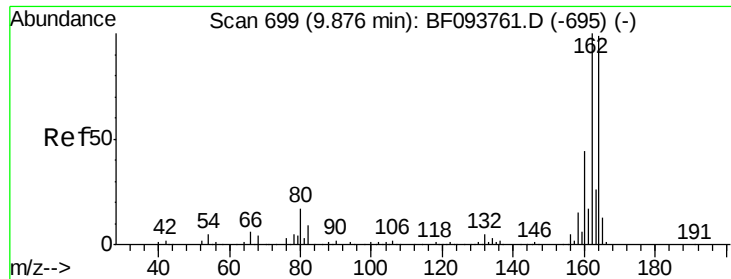


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-B

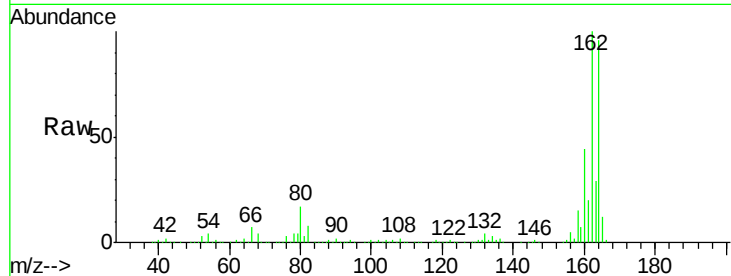
Tgt Ion:164 Resp: 385509

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

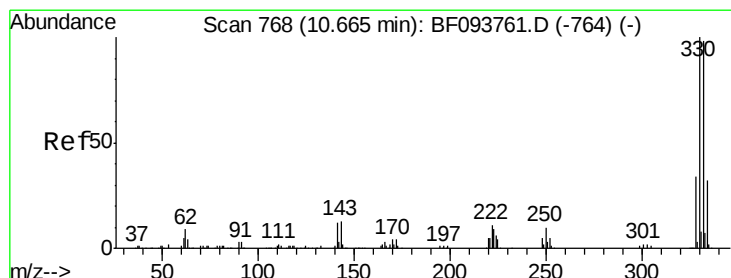
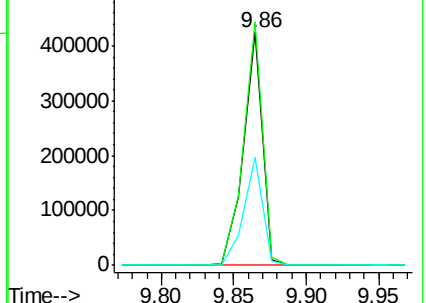
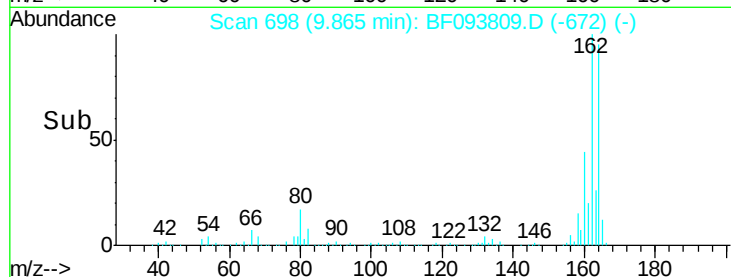
160 46.1 36.2 54.2



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: 96.29 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

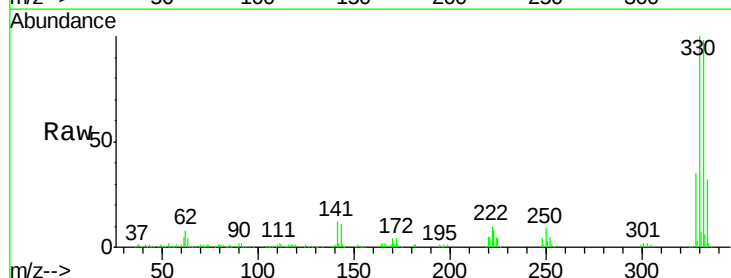
Tgt Ion:330 Resp: 287522

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

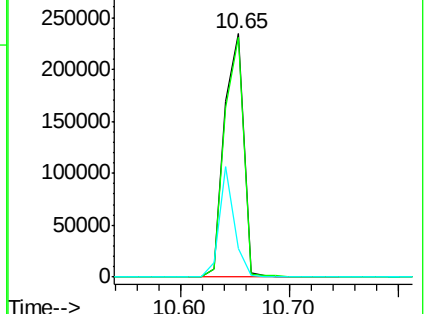
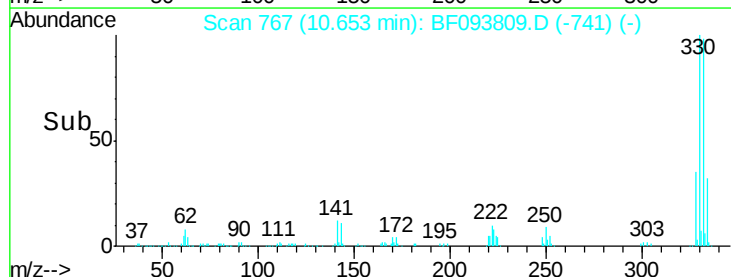
141 36.2 31.4 47.2

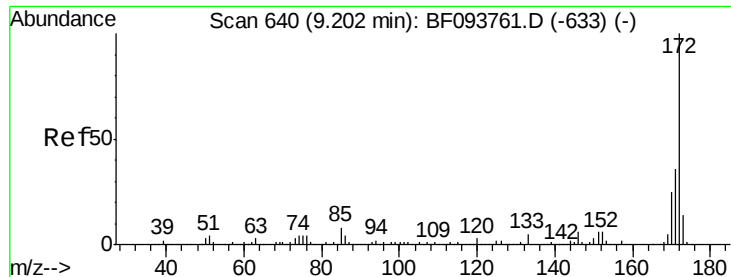


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

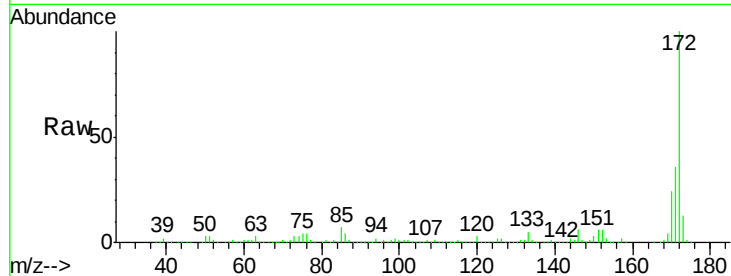




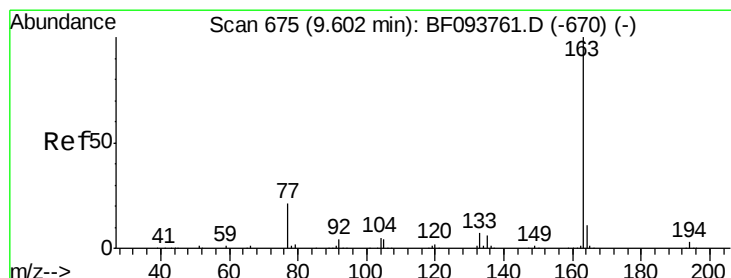
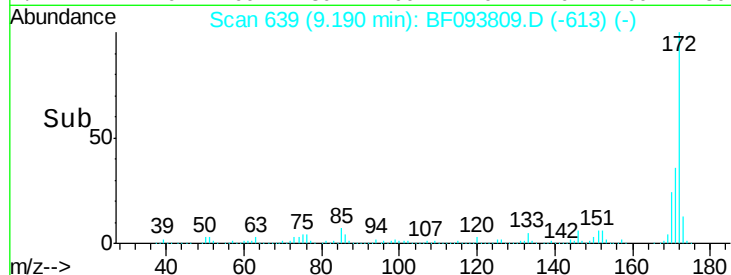
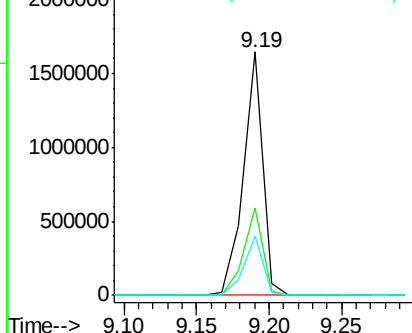
#44
 2-Fluorobiphenyl
 Concen: 66.51 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093809.D
 Acq: 21 Mar 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-003-B

Tgt Ion:172 Resp: 1524884
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 19.8 29.8

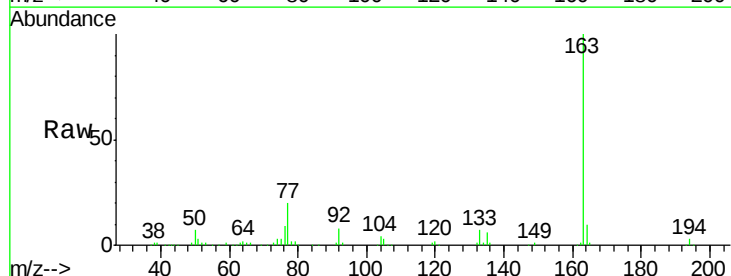


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

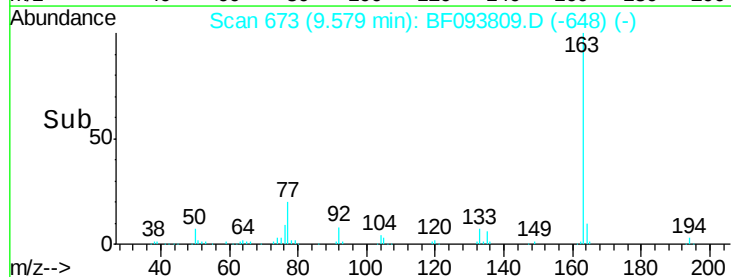
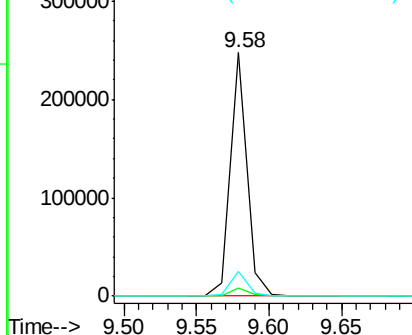


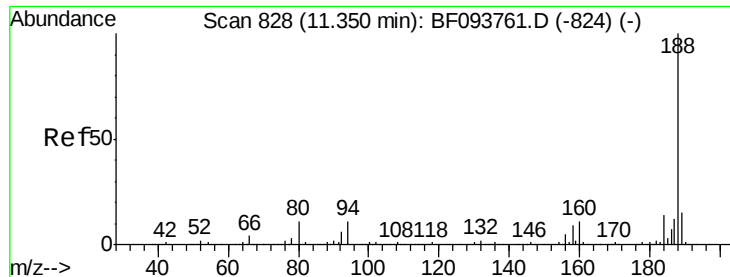
#49
 Dimethylphthalate
 Concen: 7.21 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093809.D
 Acq: 21 Mar 2017 20:17

Tgt Ion:163 Resp: 197731
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.3 8.4 12.6



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

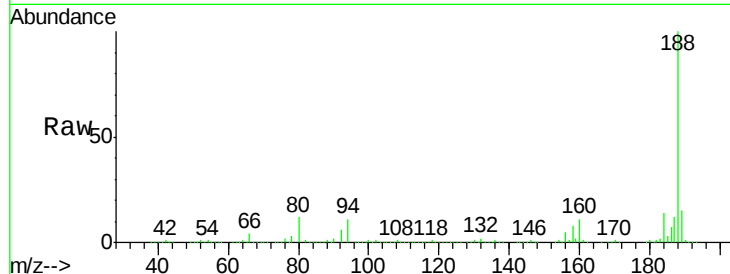




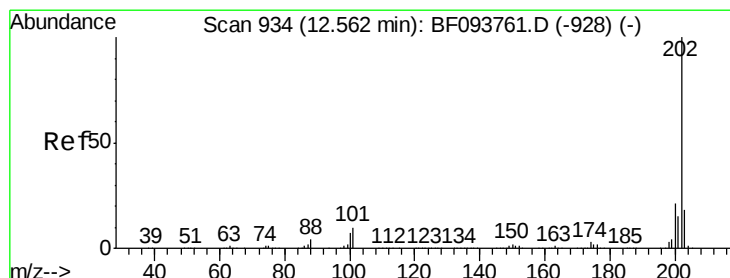
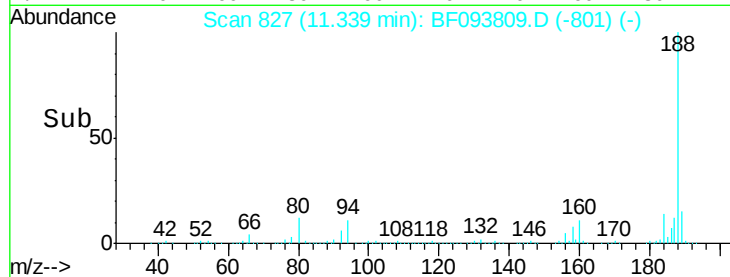
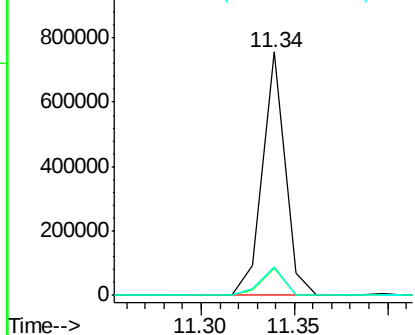
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093809.D
Acq: 21 Mar 2017 20:17

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Tgt Ion:188 Resp: 631657
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2

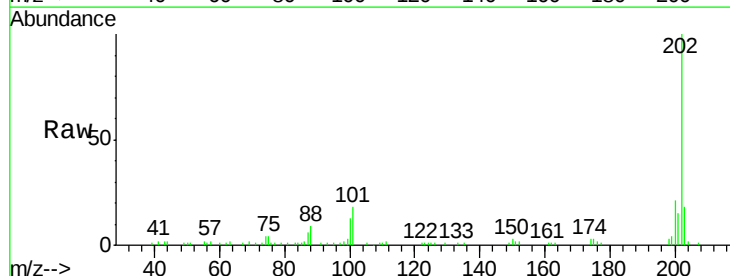


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

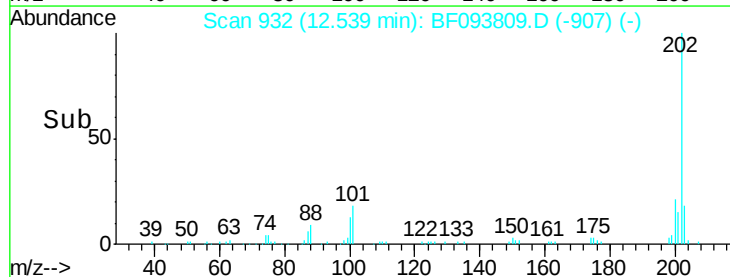
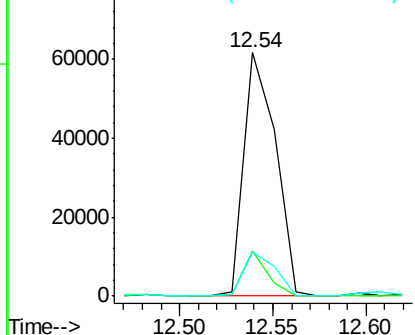


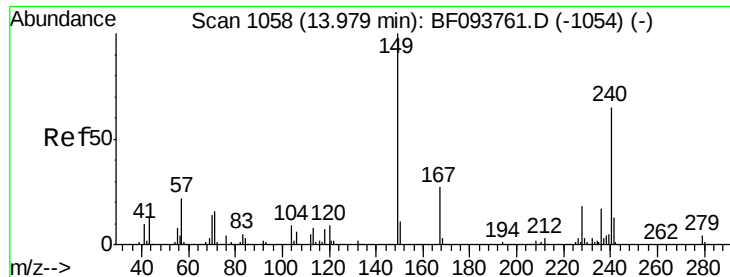
#74
Fluoranthene
Concen: 2.11 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF093809.D
Acq: 21 Mar 2017 20:17

Tgt Ion:202 Resp: 72838
Ion Ratio Lower Upper
202 100
101 18.4 0.0 33.2
203 17.9 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: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-B

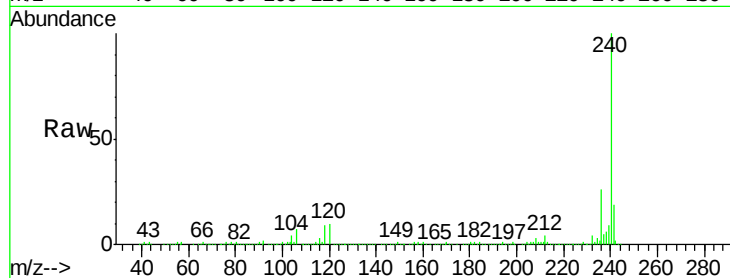
Tgt Ion:240 Resp: 399849

Ion Ratio Lower Upper

240 100

120 10.4 5.8 8.8#

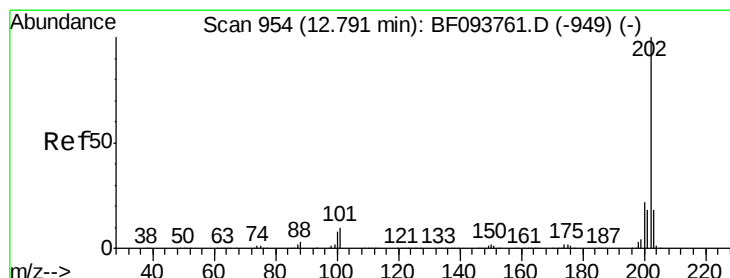
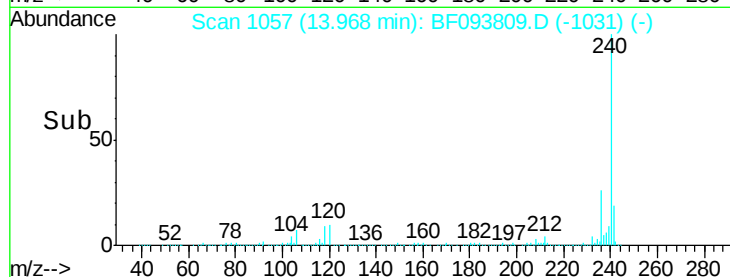
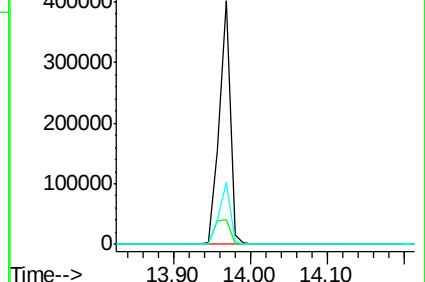
236 25.5 20.5 30.7



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: 2.07 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093809.D

Acq: 21 Mar 2017 20:17

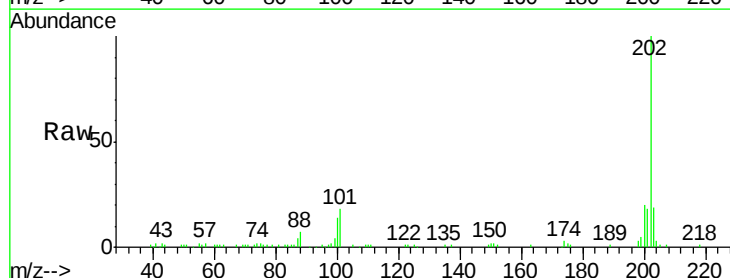
Tgt Ion:202 Resp: 68788

Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

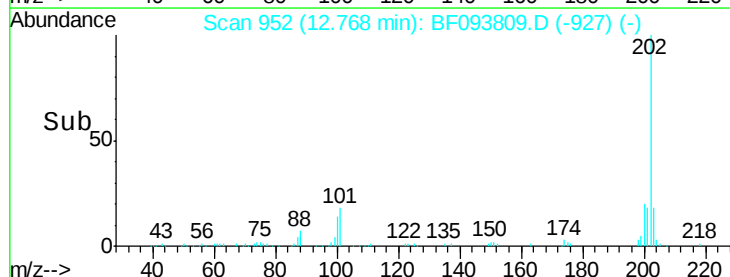
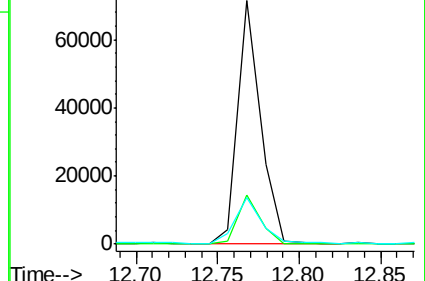
203 18.9 14.4 21.6

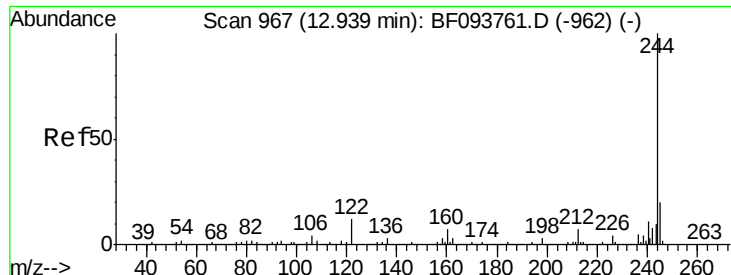


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

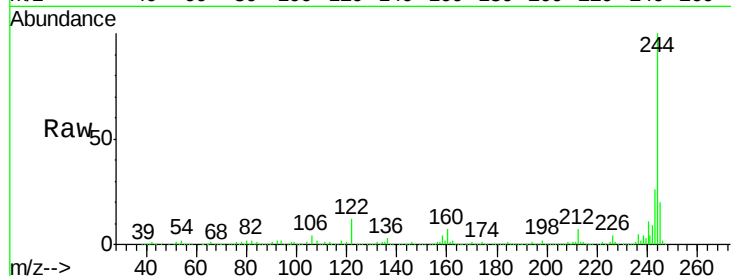




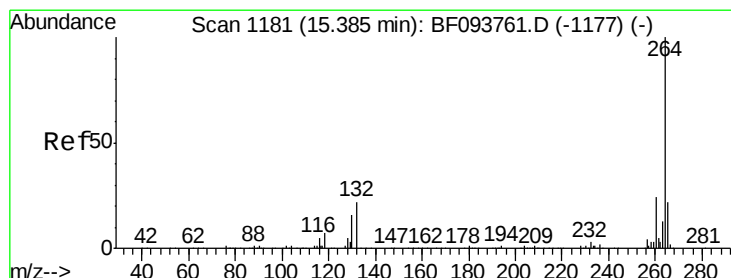
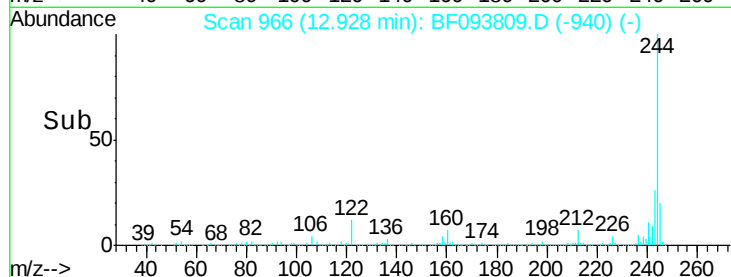
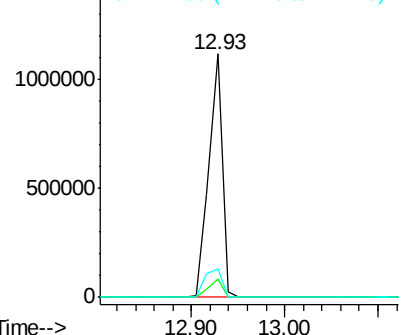
#78
 Terphenyl-d14
 Concen: 56.87 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093809.D
 Acq: 21 Mar 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-003-B

Tgt Ion:244 Resp: 1115326
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.8 10.3 15.5

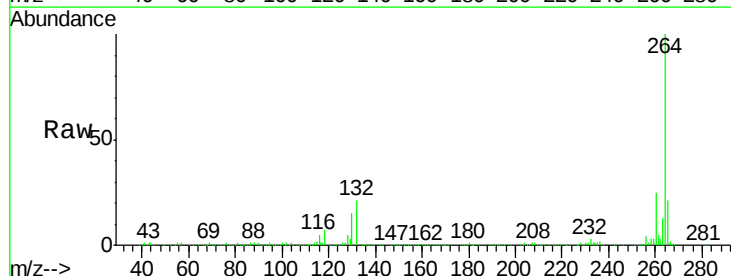


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093809.D
 Acq: 21 Mar 2017 20:17

Tgt Ion:264 Resp: 362266
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.1 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

