

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093808.D
 Acq On : 21 Mar 2017 19:49
 Operator : SJ/MA
 Sample : I2333-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 22 02:34:36 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

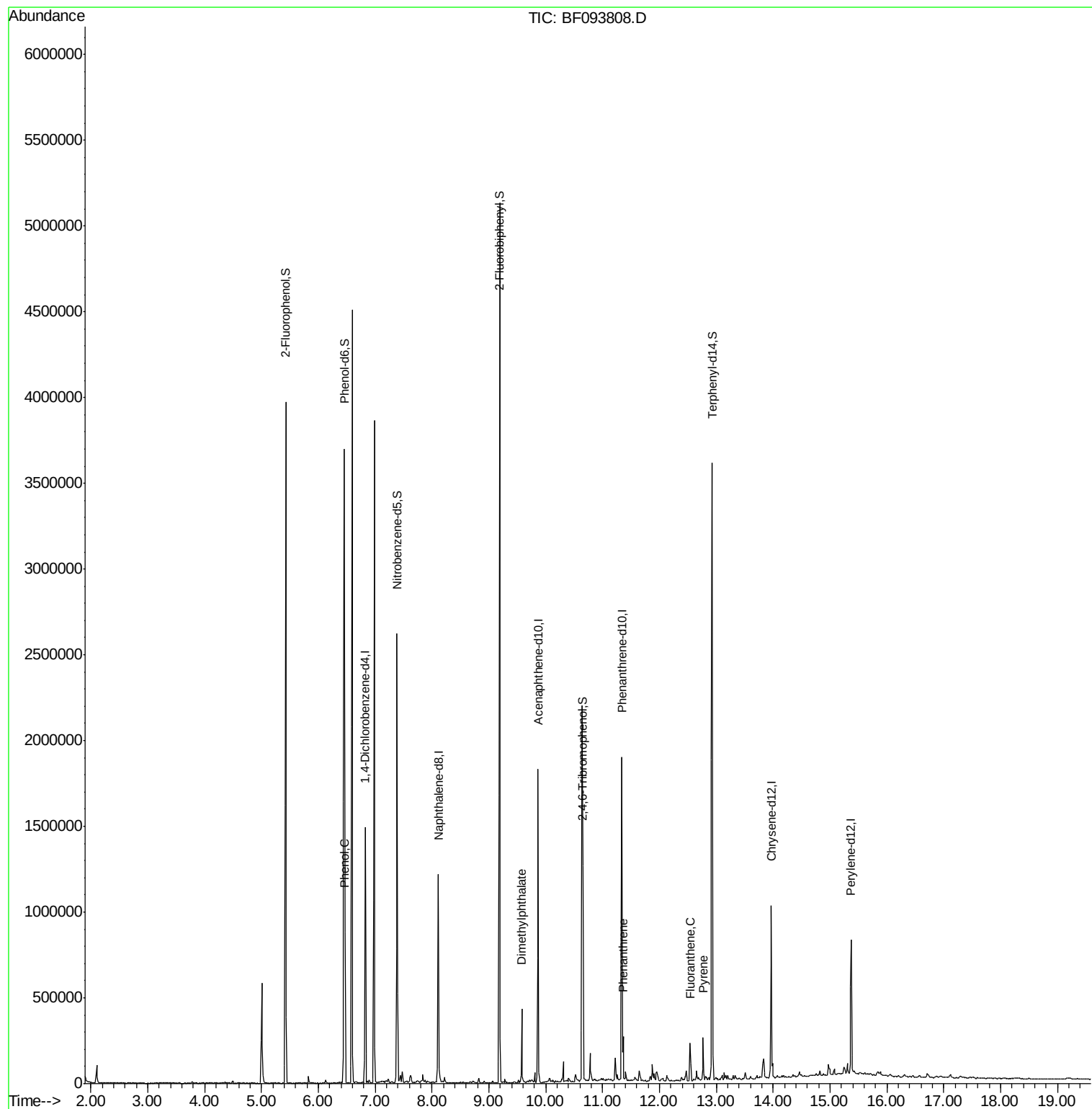
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	206954	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	837778	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	393881	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	623192	20.00	ng	0.00
75) Chrysene-d12	13.97	240	398625	20.00	ng	0.00
86) Perylene-d12	15.37	264	345976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1233584	104.23	ng	0.01
7) Phenol-d6	6.46	99	1513962	103.53	ng	0.00
23) Nitrobenzene-d5	7.38	82	921913	62.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	329604	108.04	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1658296	70.80	ng	0.00
78) Terphenyl-d14	12.93	244	1217311	62.26	ng	0.00
Target Compounds						
10) Phenol	6.47	94	96482	5.87	ng	96
49) Dimethylphthalate	9.58	163	160551	5.73	ng	100
70) Phenanthrene	11.36	178	84893	2.56	ng	99
74) Fluoranthene	12.54	202	97843	2.87	ng	95
77) Pyrene	12.77	202	89887	2.71	ng	99

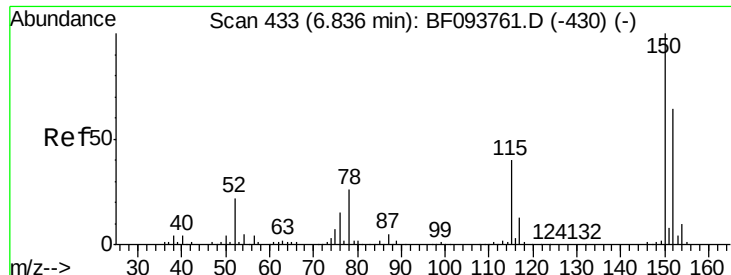
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093808.D
Acq On : 21 Mar 2017 19:49
Operator : SJ/MA
Sample : I2333-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 22 02:34:36 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

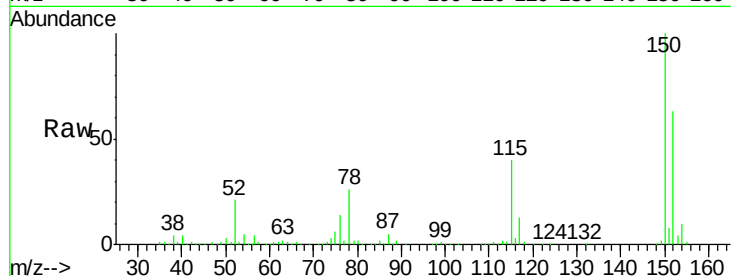




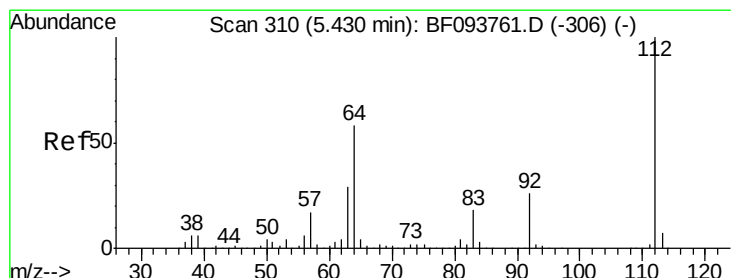
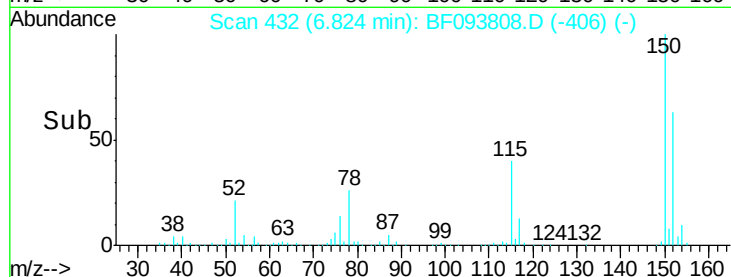
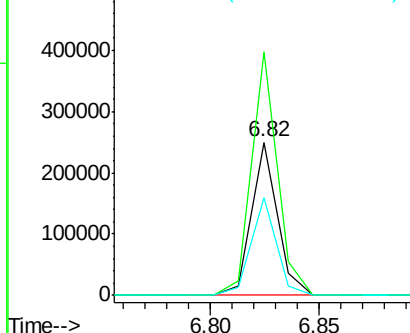
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093808.D
 Acq: 21 Mar 2017 19:49

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

Tgt Ion:152 Resp: 206954
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 63.7 52.2 78.2

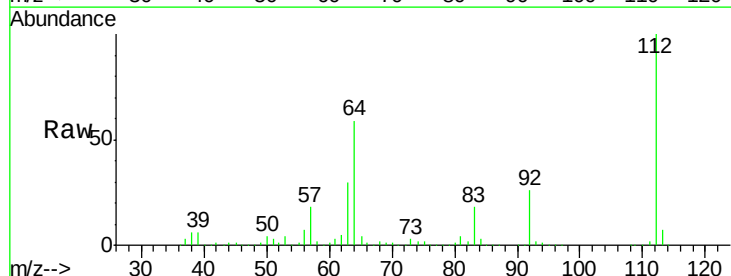


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

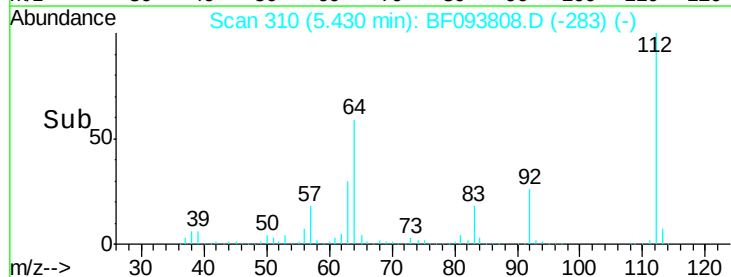
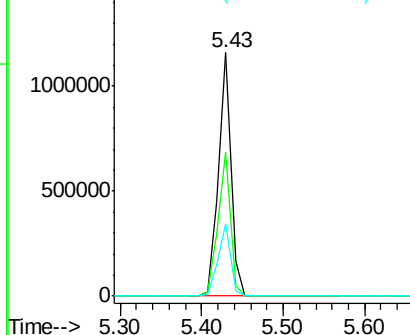


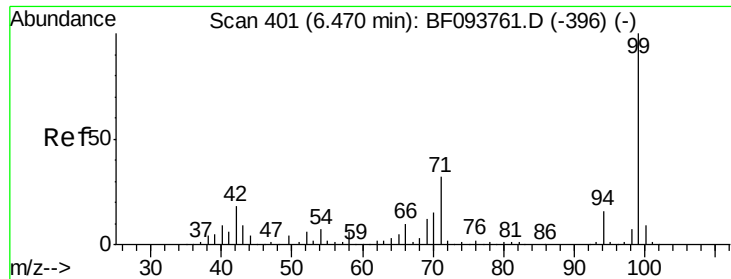
#5
 2-Fluorophenol
 Concen: 104.23 ng
 RT: 5.43 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: BF093808.D
 Acq: 21 Mar 2017 19:49

Tgt Ion:112 Resp: 1233584
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.0 69.0
 63 29.8 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: 103.53 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-A

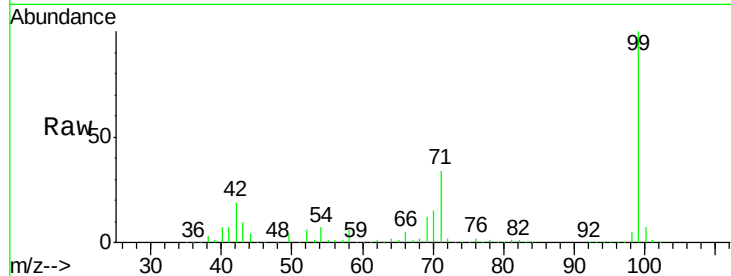
Tgt Ion: 99 Resp: 1513962

Ion Ratio Lower Upper

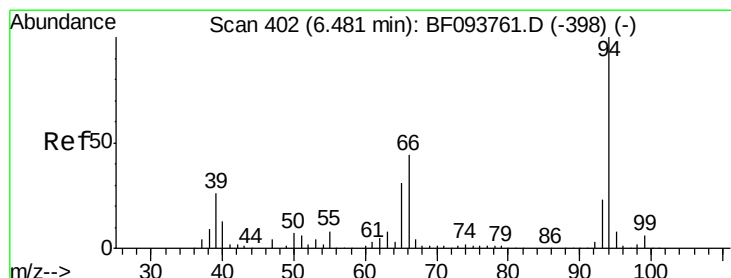
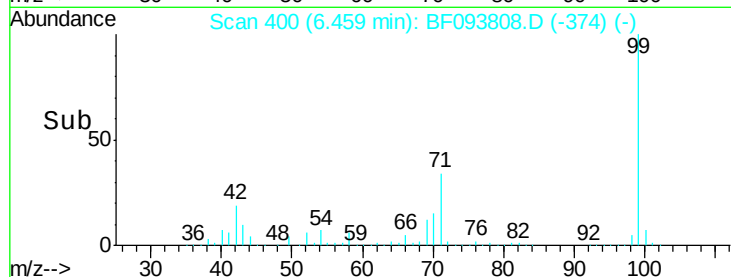
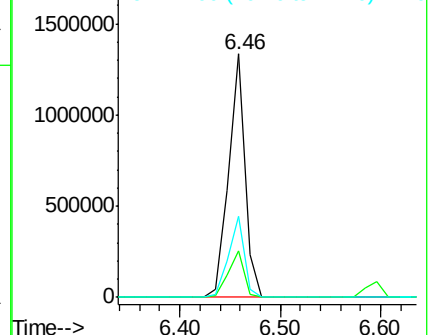
99 100

42 18.9 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: 5.87 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

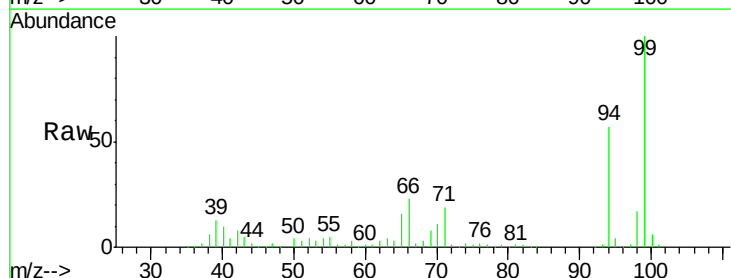
Tgt Ion: 94 Resp: 96482

Ion Ratio Lower Upper

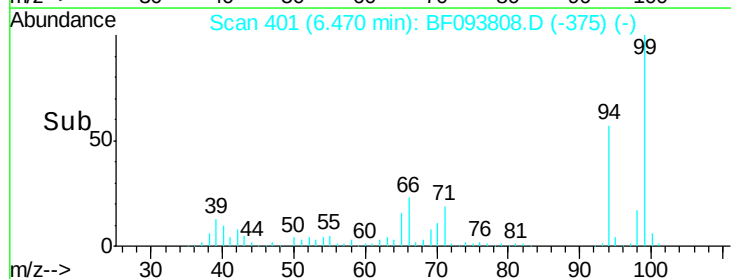
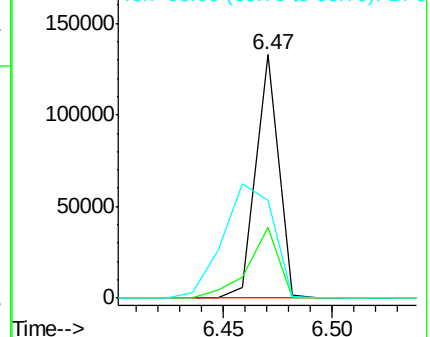
94 100

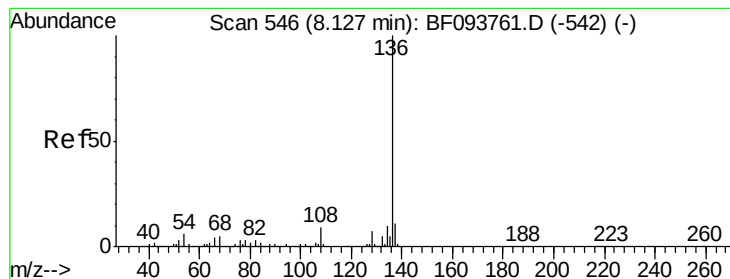
65 28.9 9.9 49.9

66 40.1 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: BF093808.D

Acq: 21 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-A

Tgt Ion: 136 Resp: 837778

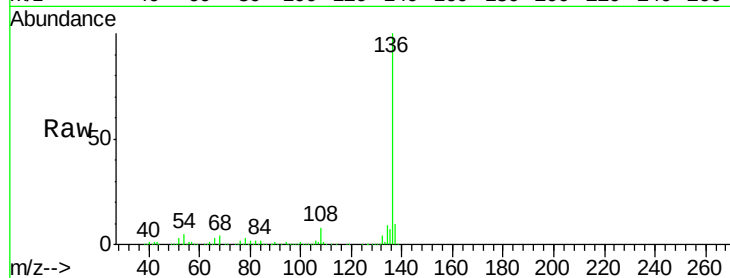
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 4.9 4.9 7.3

68 4.2 4.1 6.1

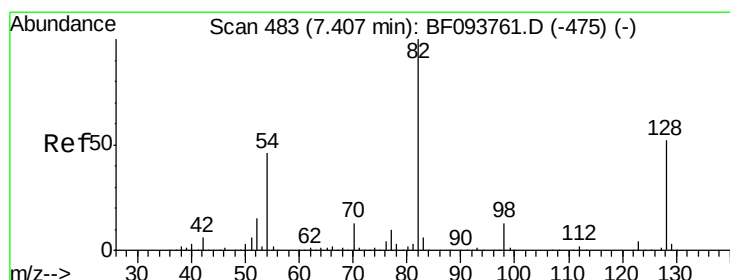
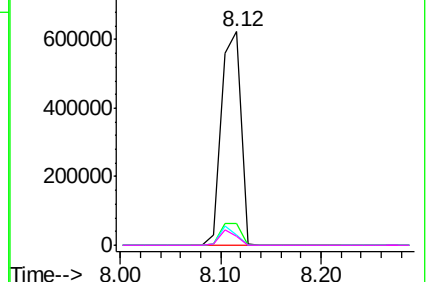
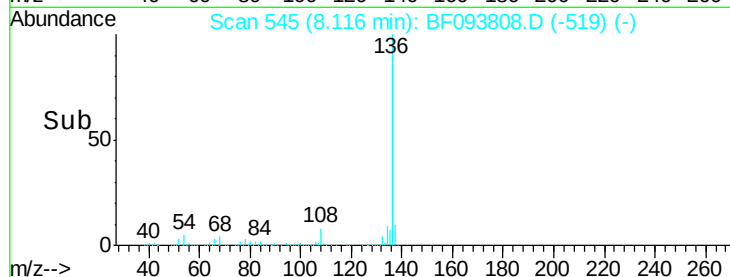


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.42 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

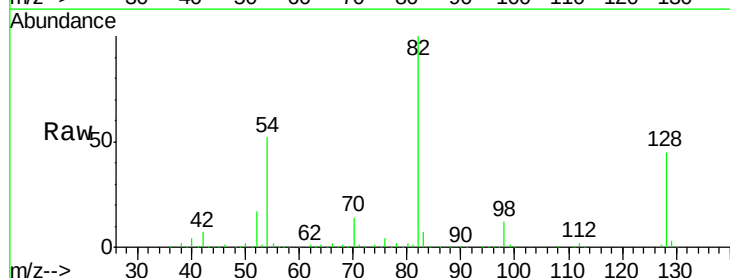
Tgt Ion: 82 Resp: 921913

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

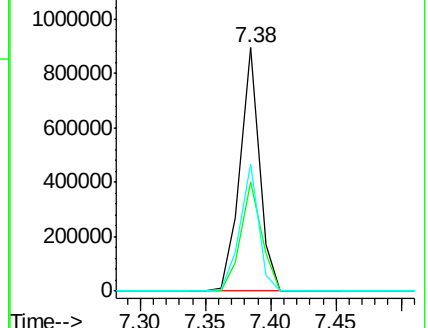
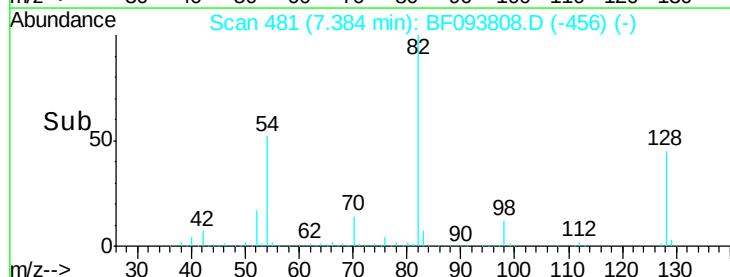
54 52.4 42.2 63.2

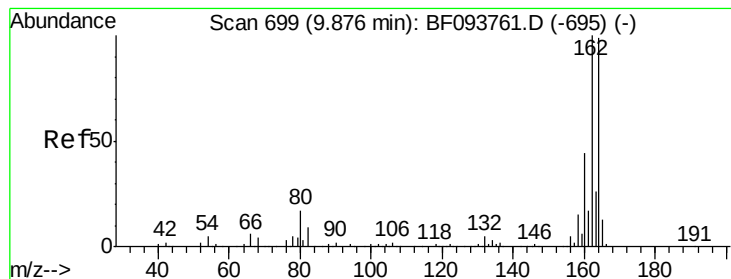


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF093808.D

Acq: 21 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-A

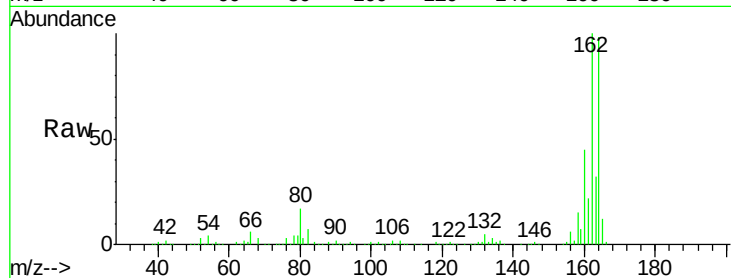
Tgt Ion:164 Resp: 393881

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

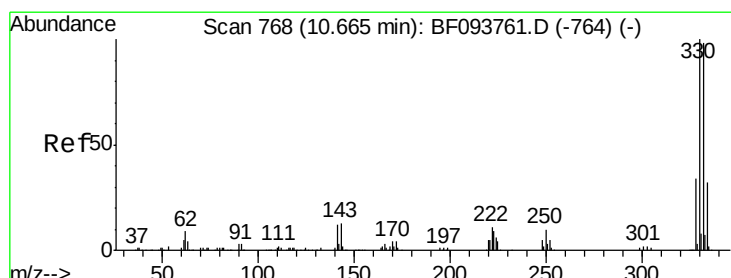
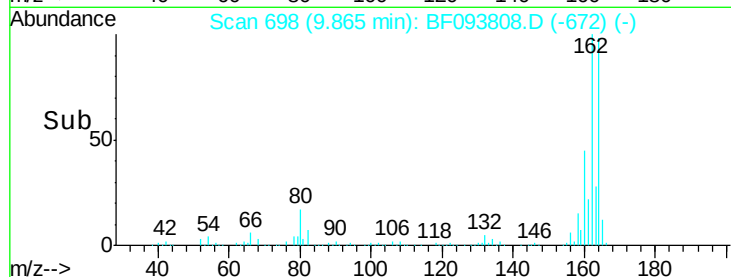
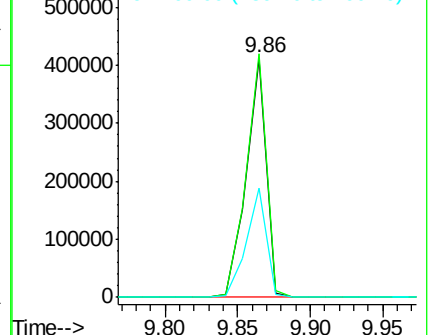
160 45.6 36.2 54.2



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: 108.04 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

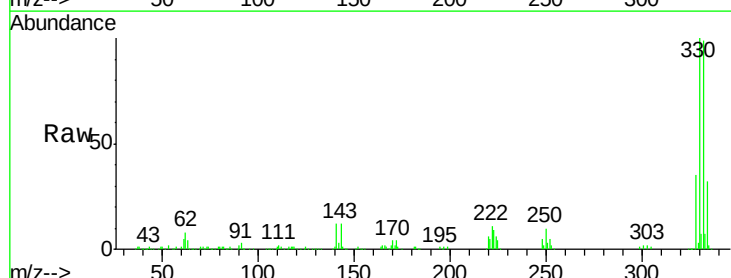
Tgt Ion:330 Resp: 329604

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

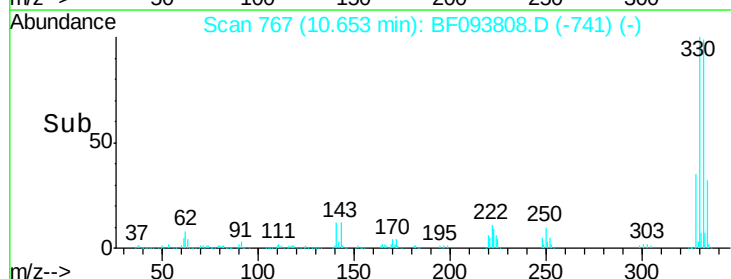
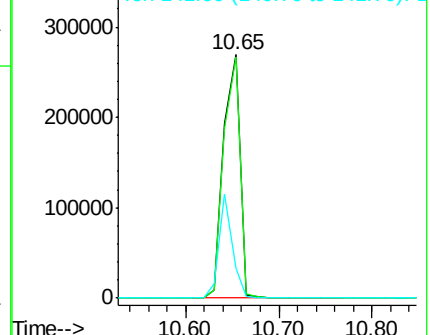
141 35.3 31.4 47.2

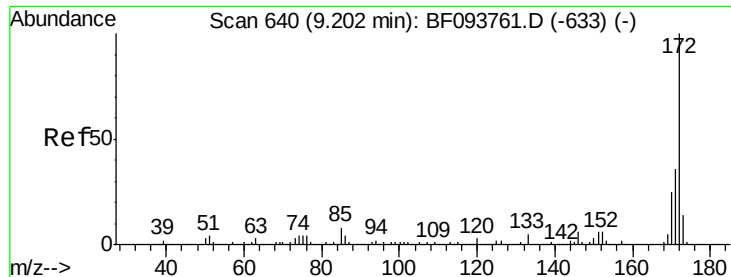


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

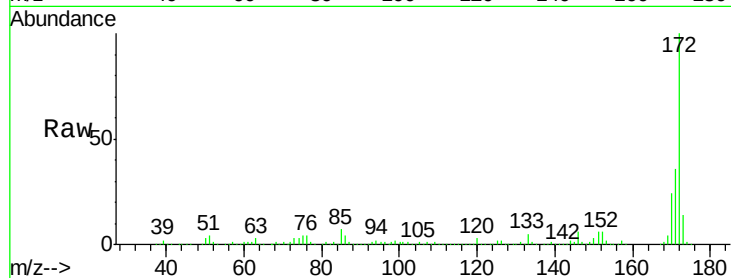




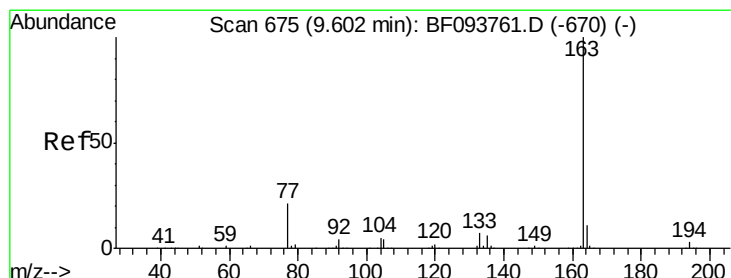
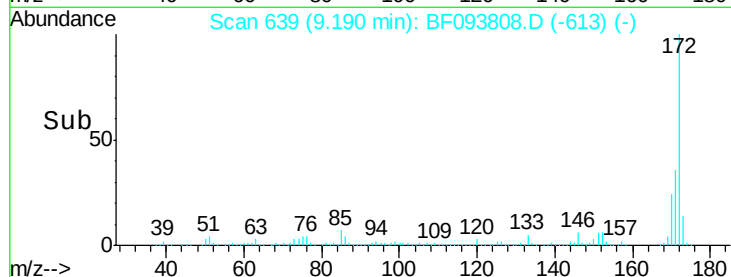
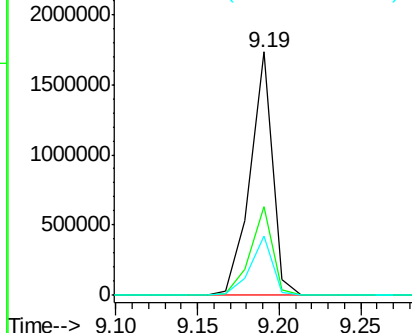
#44
 2-Fluorobiphenyl
 Concen: 70.80 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093808.D
 Acq: 21 Mar 2017 19:49

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

Tgt Ion:172 Resp: 1658296
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 19.8 29.8

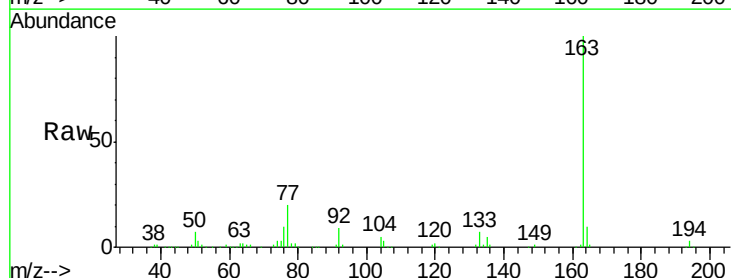


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

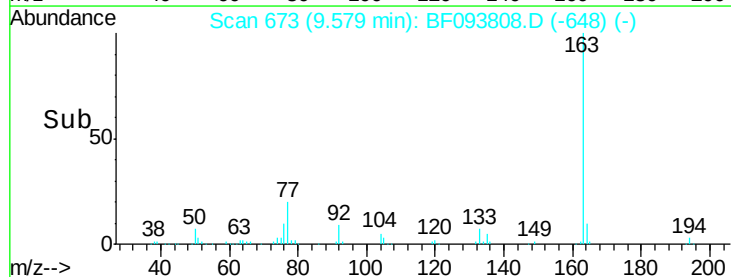
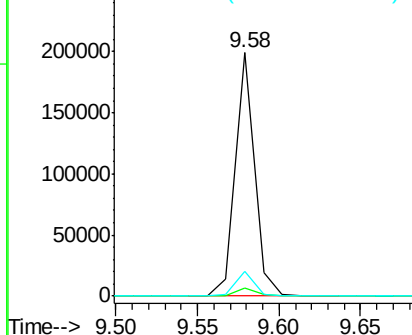


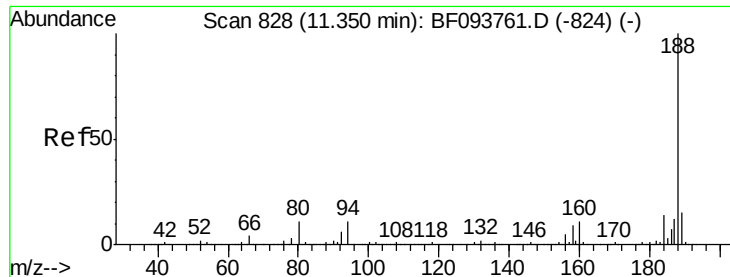
#49
 Dimethylphthalate
 Concen: 5.73 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093808.D
 Acq: 21 Mar 2017 19:49

Tgt Ion:163 Resp: 160551
 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

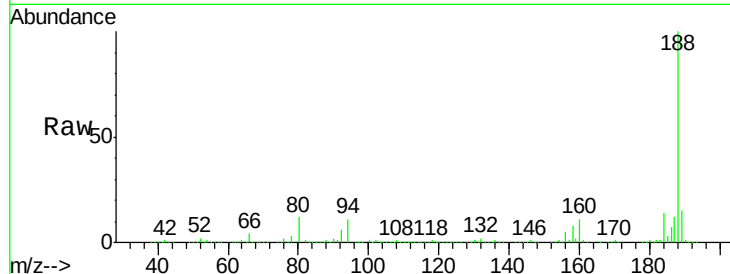




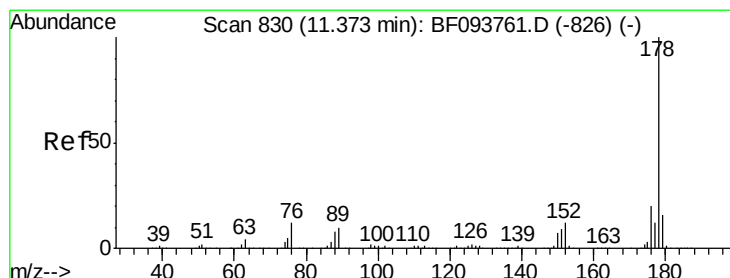
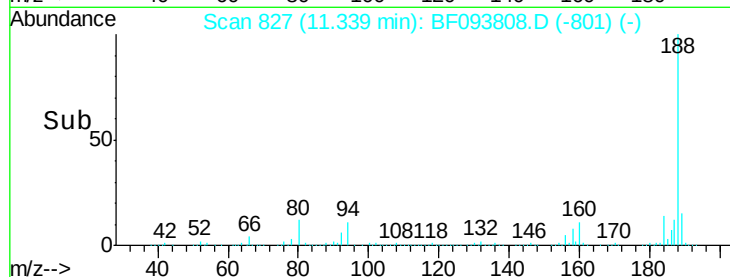
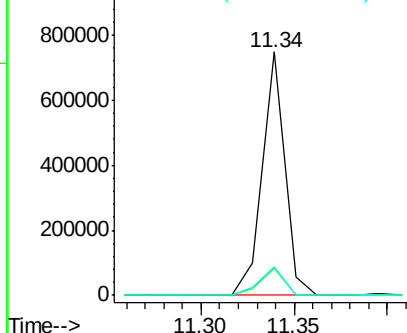
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093808.D
Acq: 21 Mar 2017 19:49

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

Tgt Ion:188 Resp: 623192
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2

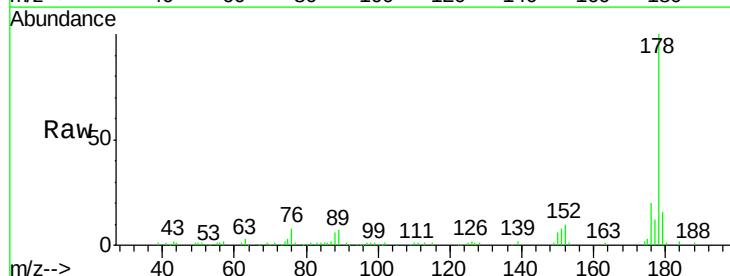


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

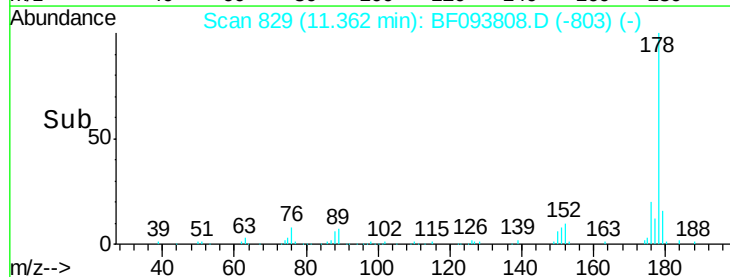
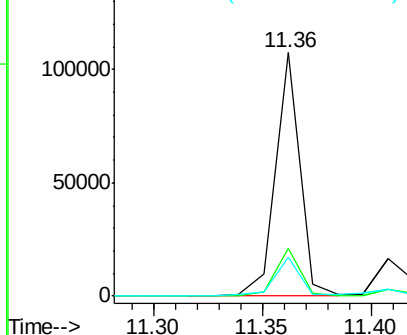


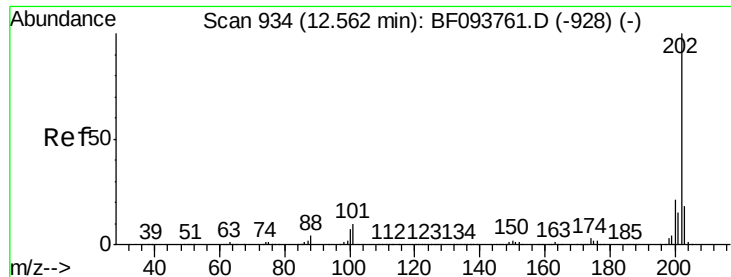
#70
Phenanthrene
Concen: 2.56 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093808.D
Acq: 21 Mar 2017 19:49

Tgt Ion:178 Resp: 84893
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.7 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

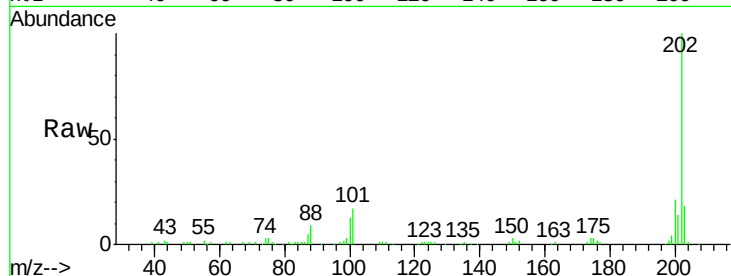




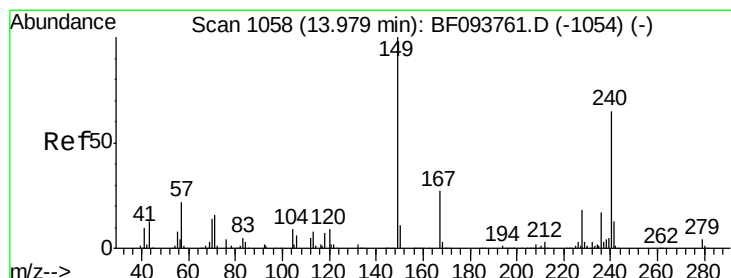
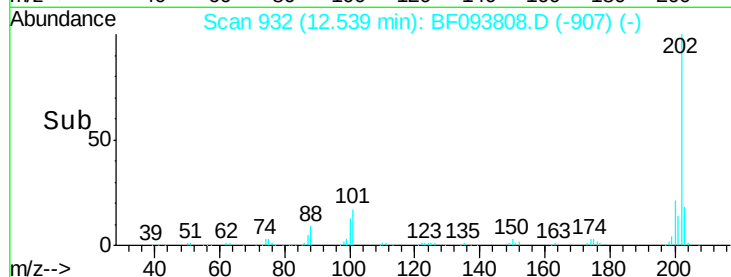
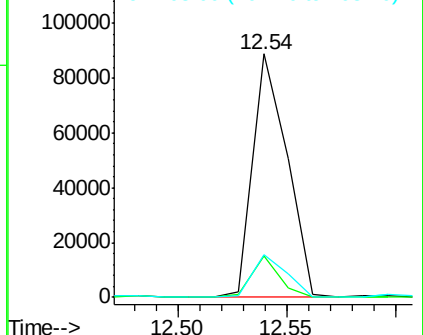
#74
Fluoranthene
Concen: 2.87 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF093808.D
Acq: 21 Mar 2017 19:49

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

Tgt Ion: 202 Resp: 97843
Ion Ratio Lower Upper
202 100
101 16.8 0.0 33.2
203 17.5 0.0 38.1

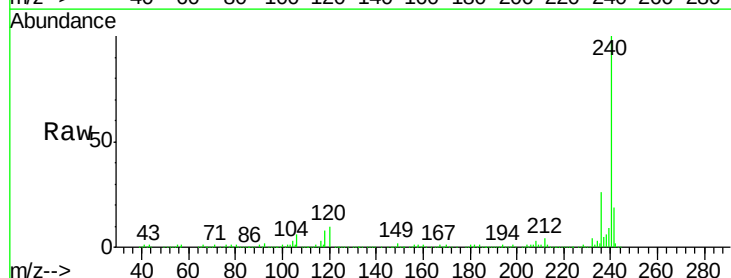


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

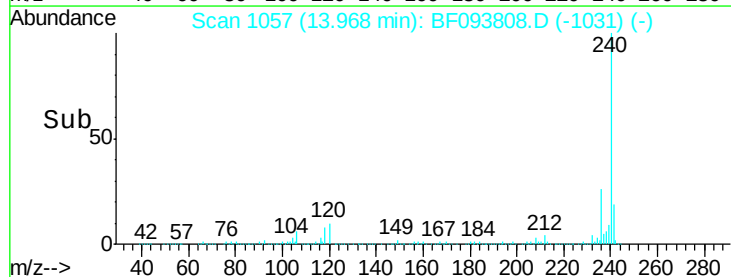
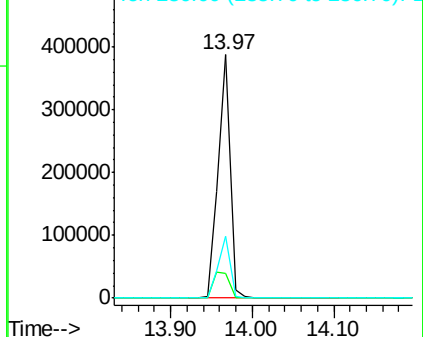


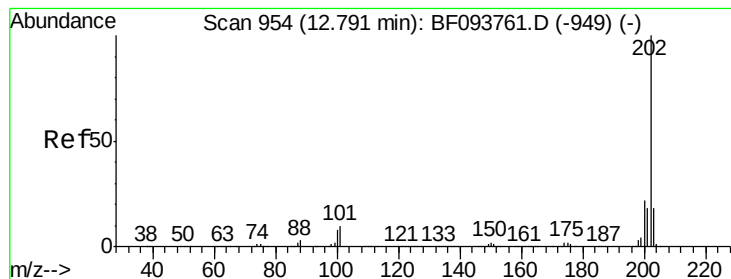
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093808.D
Acq: 21 Mar 2017 19:49

Tgt Ion: 240 Resp: 398625
Ion Ratio Lower Upper
240 100
120 10.2 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: 2.71 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-003-A

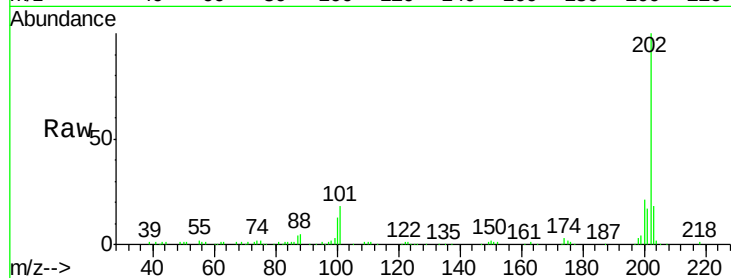
Tgt Ion:202 Resp: 89887

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

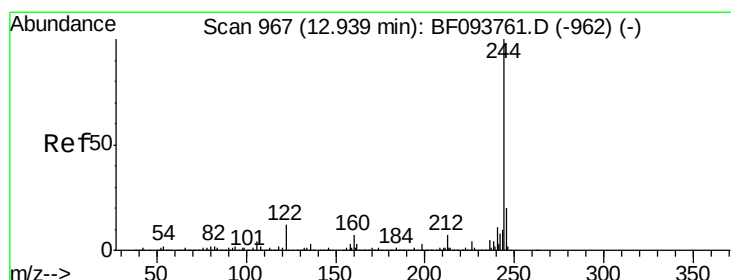
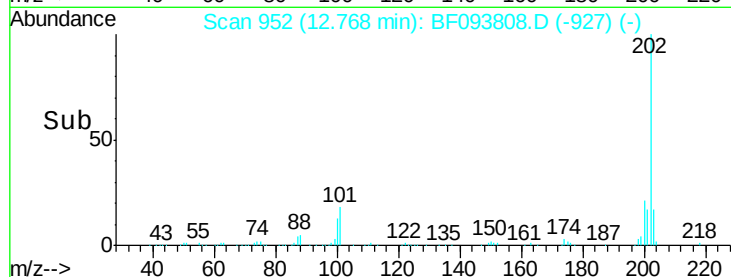
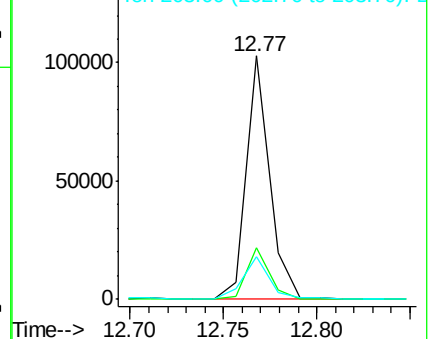
203 17.7 14.4 21.6



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: 62.26 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093808.D

Acq: 21 Mar 2017 19:49

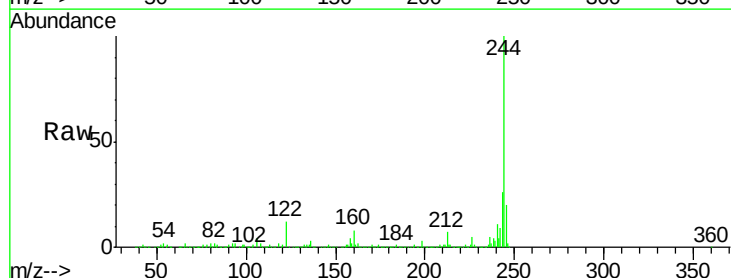
Tgt Ion:244 Resp: 1217311

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

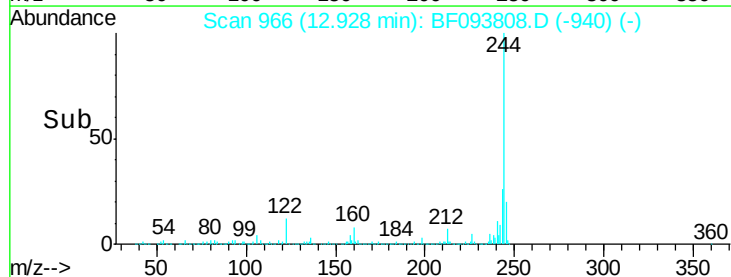
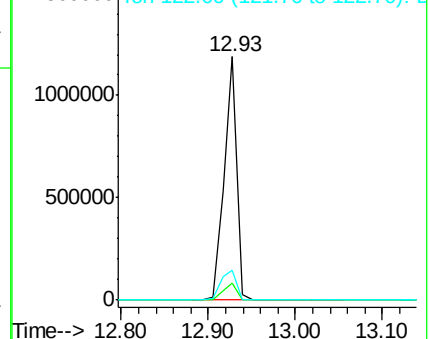
122 12.3 10.3 15.5

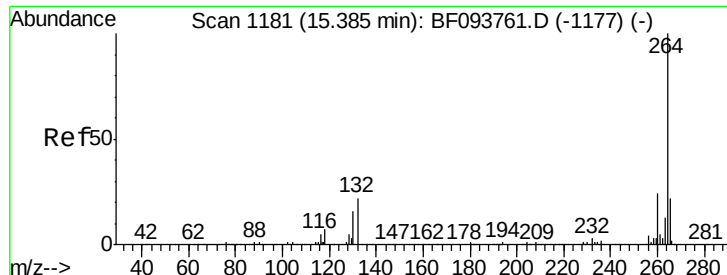


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

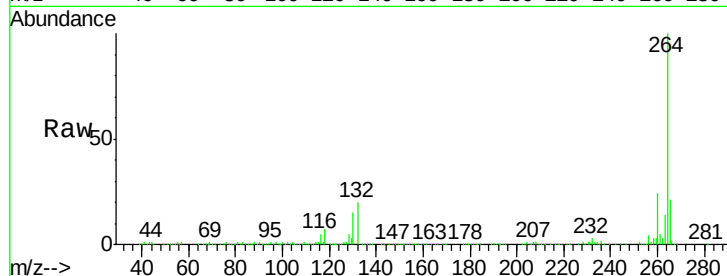




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093808.D
Acq: 21 Mar 2017 19:49

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	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

