

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093807.D
 Acq On : 21 Mar 2017 19:22
 Operator : SJ/MA
 Sample : I2332-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-002-B

Quant Time: Mar 22 02:30:56 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

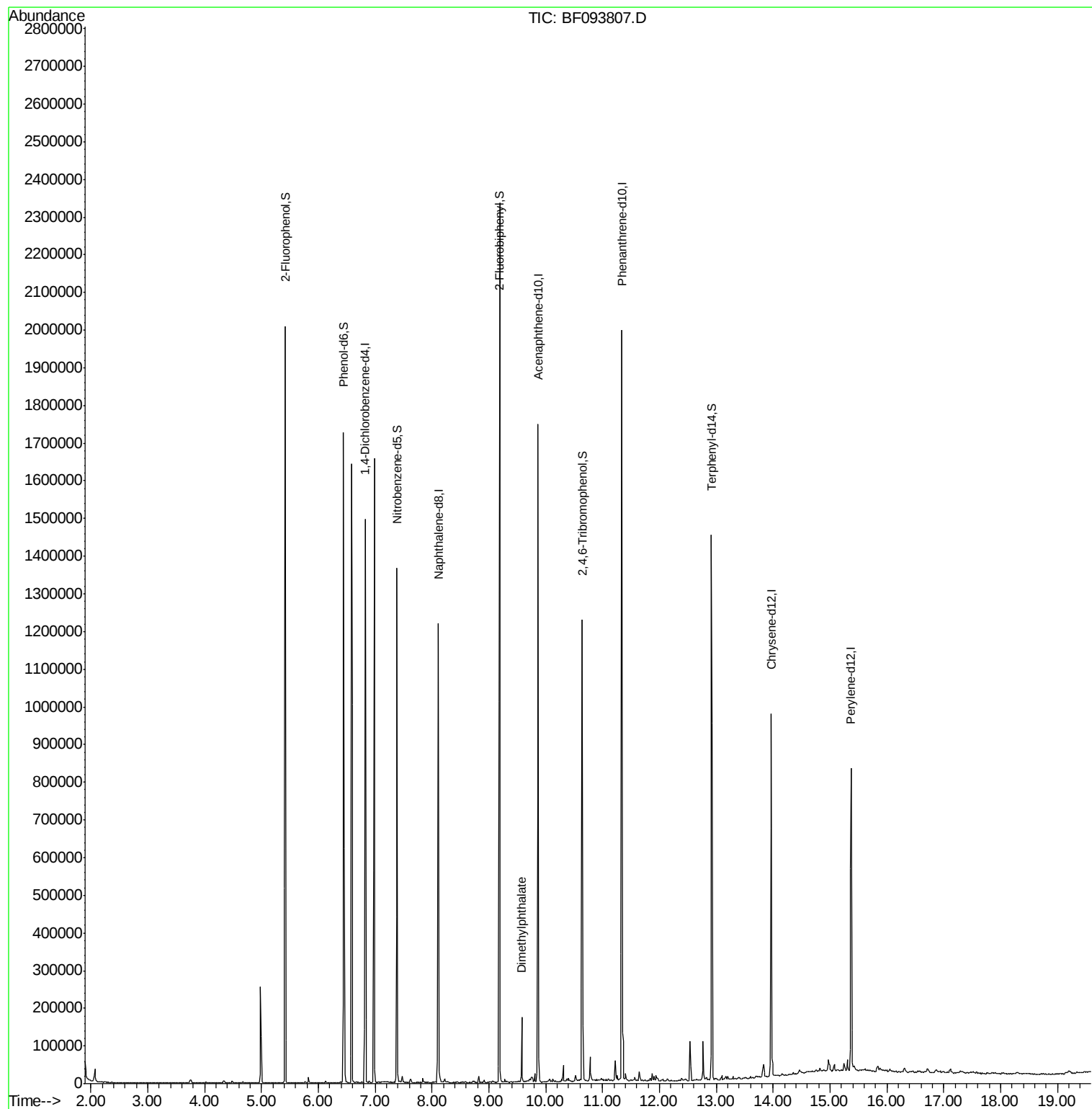
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	207917	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	845584	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	383160	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	659981	20.00	ng	0.00
75) Chrysene-d12	13.97	240	404570	20.00	ng	0.00
86) Perylene-d12	15.37	264	365486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	538747	45.31	ng	0.00
7) Phenol-d6	6.45	99	640242	43.58	ng	-0.01
23) Nitrobenzene-d5	7.38	82	440411	29.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	122212	41.18	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	829092	36.39	ng	0.00
78) Terphenyl-d14	12.92	244	549718	27.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.58	163	66620	2.44	ng	Qvalue 98

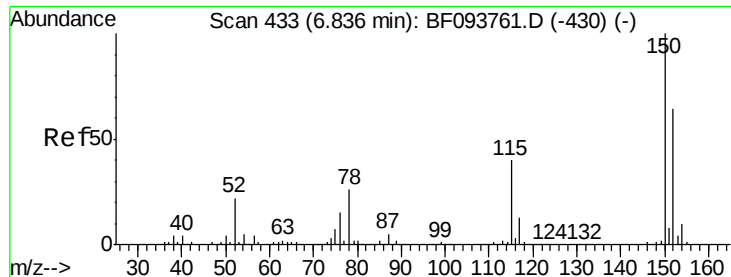
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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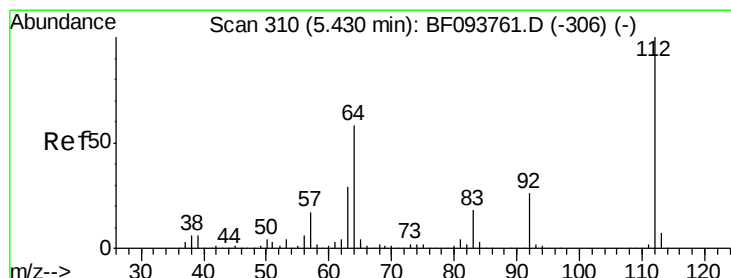
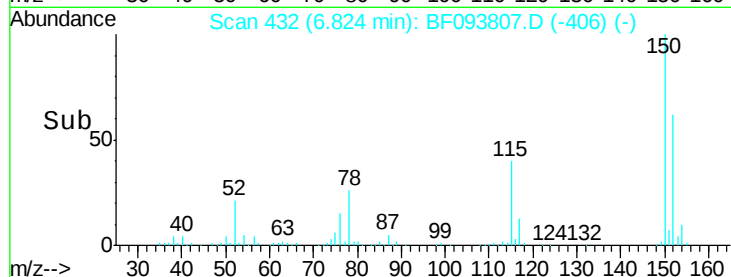
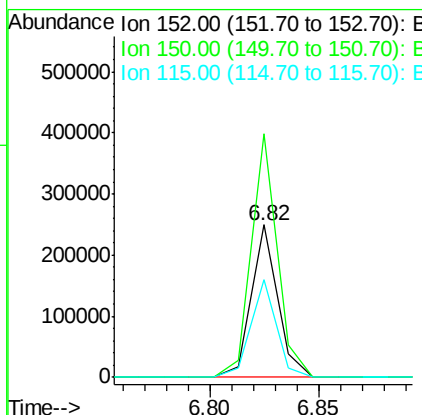
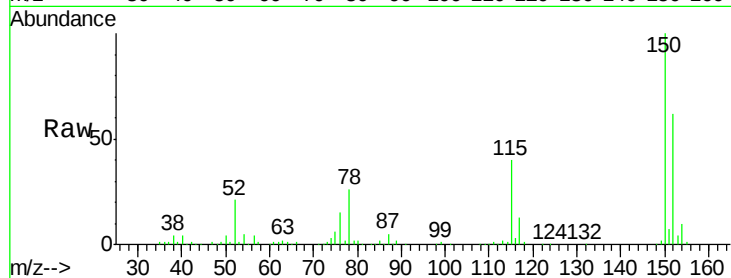




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

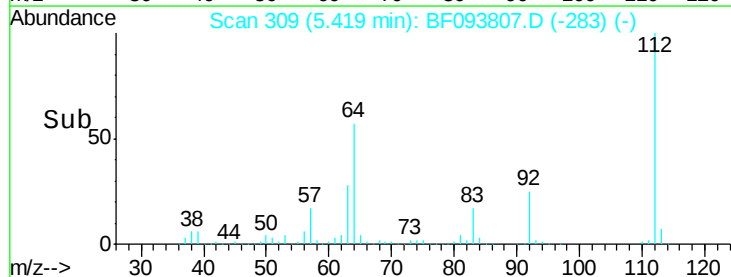
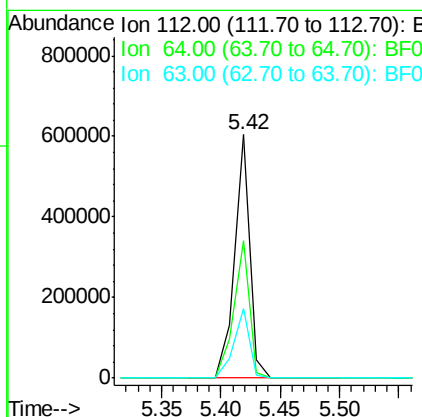
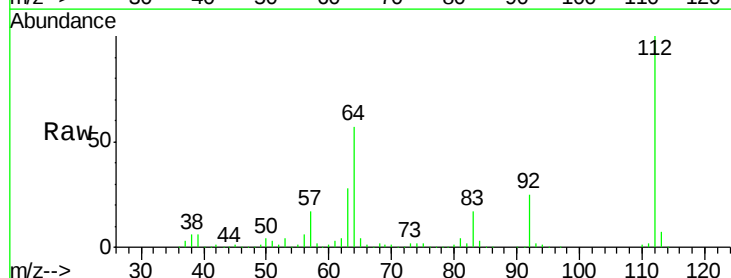
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-002-B

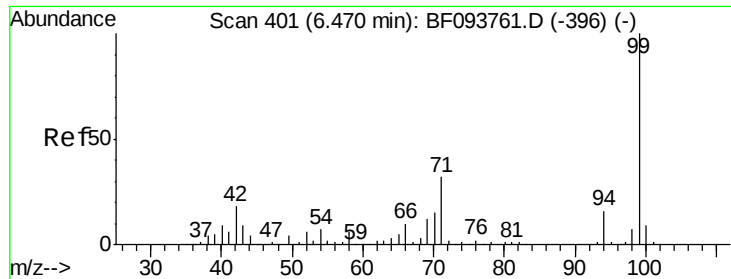
Tgt Ion:152 Resp: 207917
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 64.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 45.31 ng
 RT: 5.42 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

Tgt Ion:112 Resp: 538747
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 28.4 23.4 35.0





#7

Phenol-d6

Concen: 43.58 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-002-B

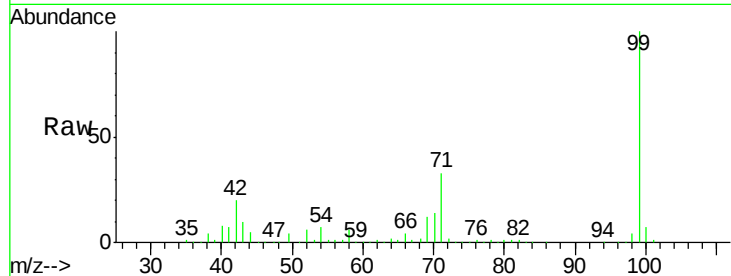
Tgt Ion: 99 Resp: 640242

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

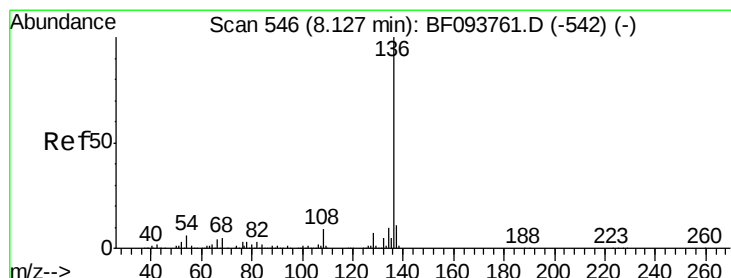
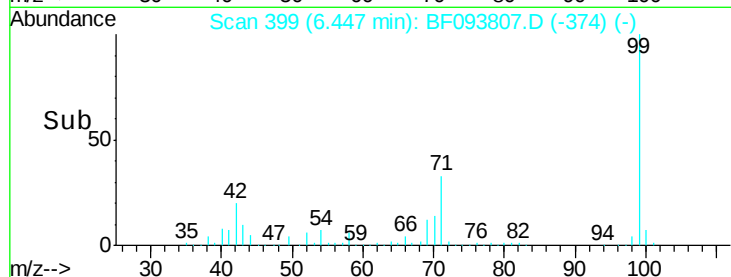
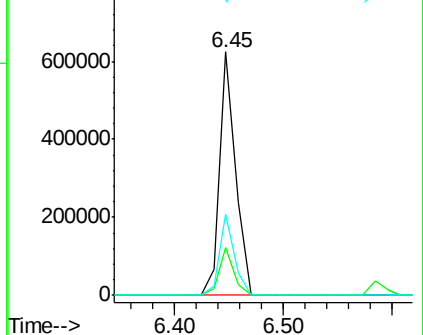
71 33.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

Tgt Ion: 136 Resp: 845584

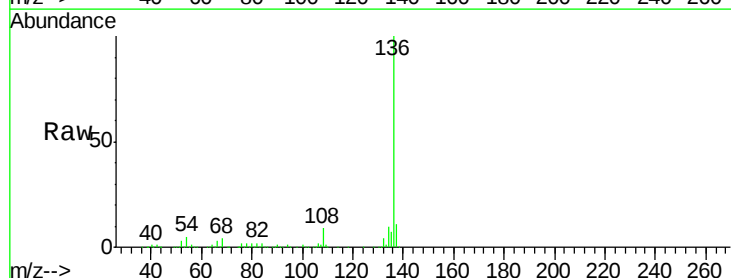
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.0 4.9 7.3

68 4.4 4.1 6.1

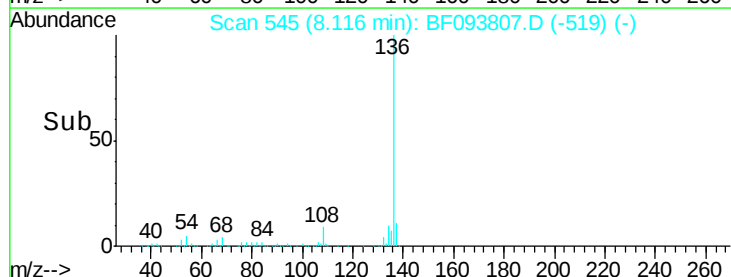
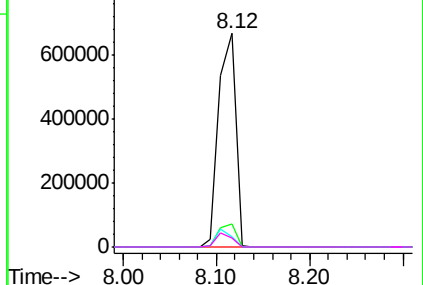


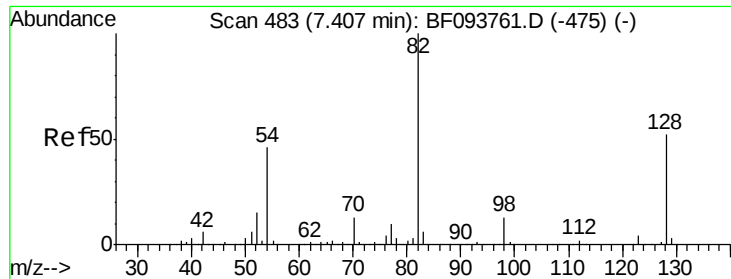
Abundance Ion 136.00 (135.70 to 136.70): E

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

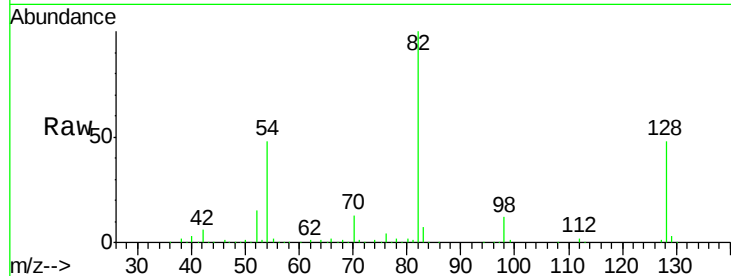




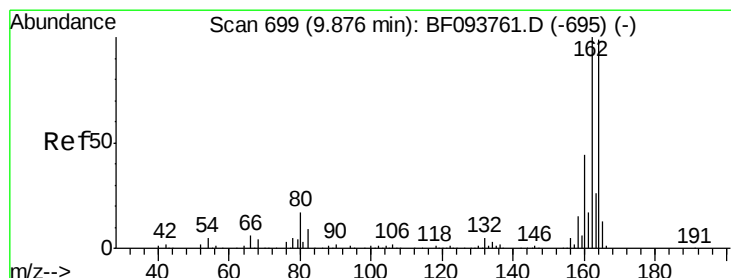
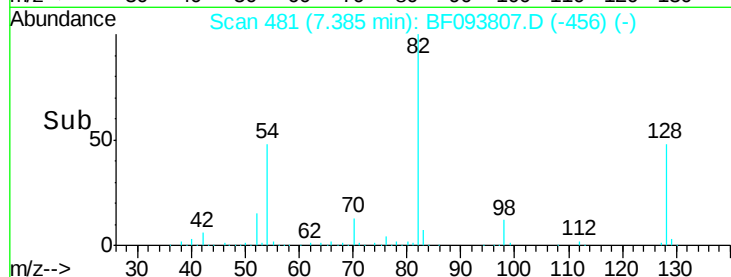
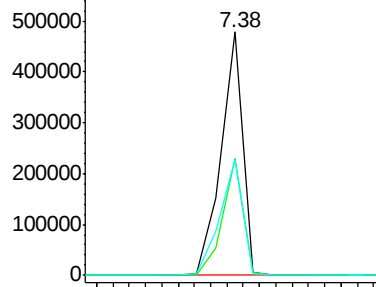
#23
Nitrobenzene-d5
Concen: 29.55 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-B

Tgt Ion: 82 Resp: 440411
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 47.7 42.2 63.2

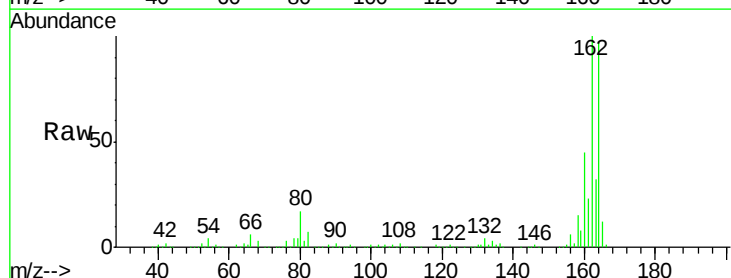


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

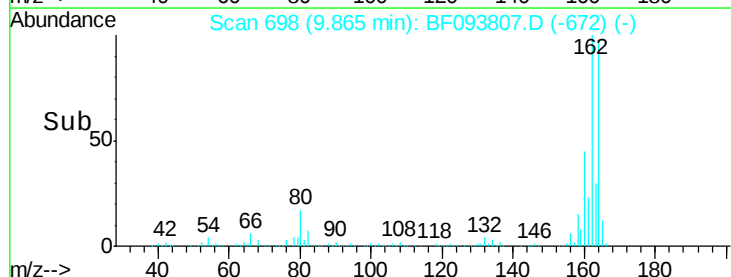
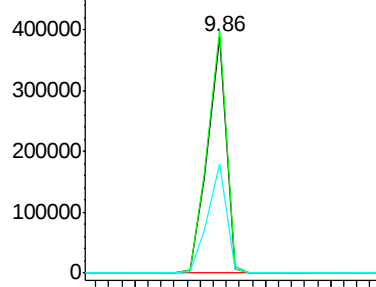


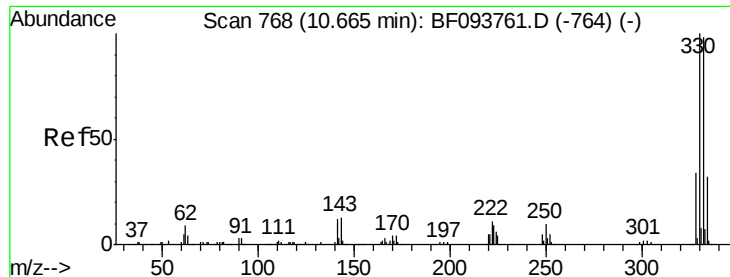
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

Tgt Ion: 164 Resp: 383160
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 46.3 36.2 54.2



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

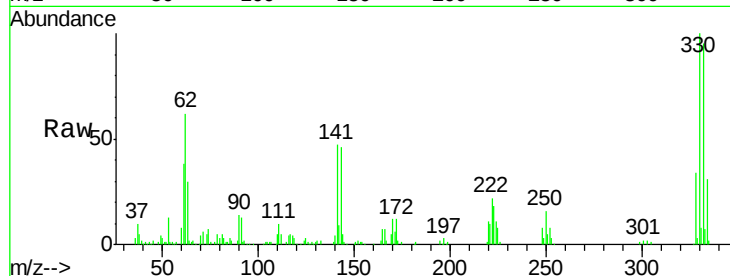




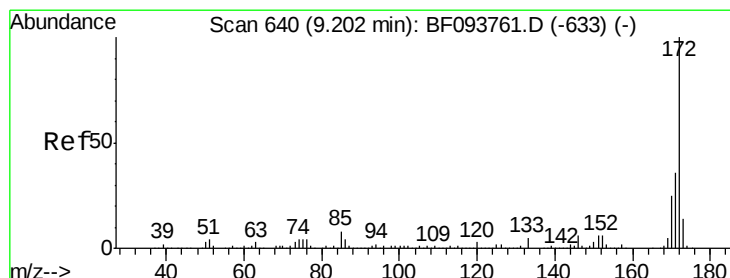
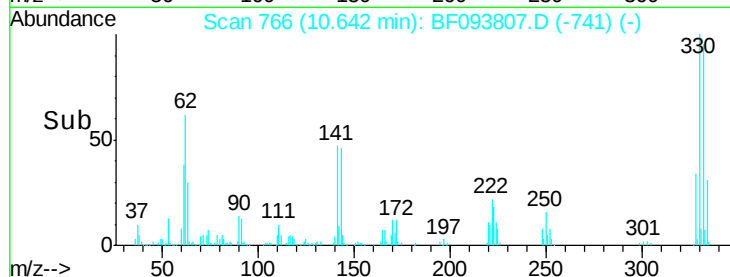
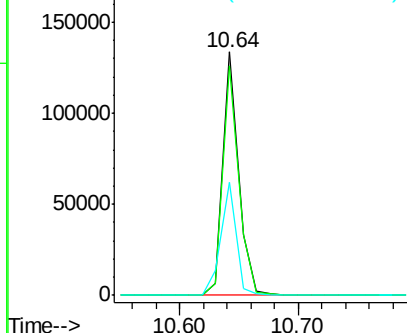
#41
 2,4,6-Tribromophenol
 Concen: 41.18 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-002-B

Tgt Ion:330 Resp: 122212
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 45.6 31.4 47.2

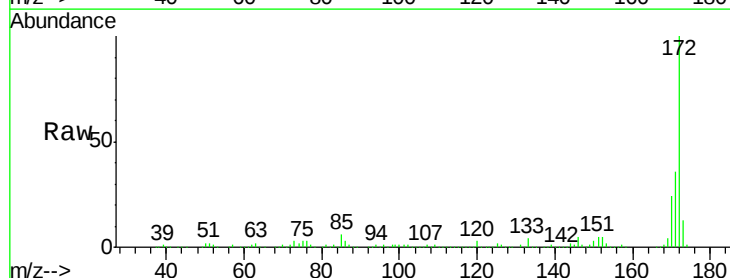


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

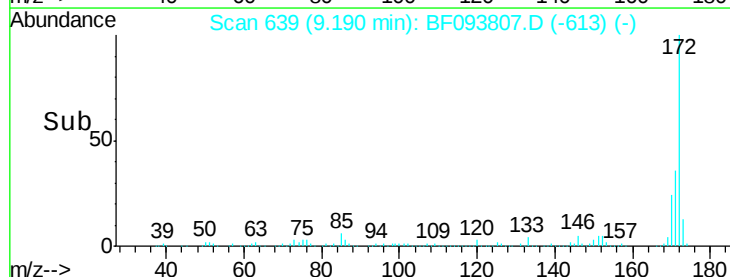
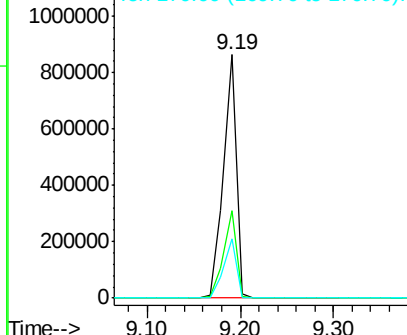


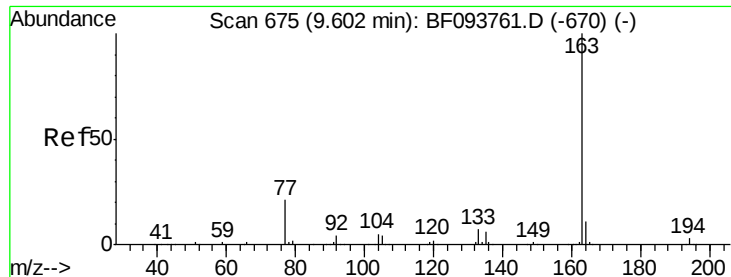
#44
 2-Fluorobiphenyl
 Concen: 36.39 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

Tgt Ion:172 Resp: 829092
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 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: 2.44 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-002-B

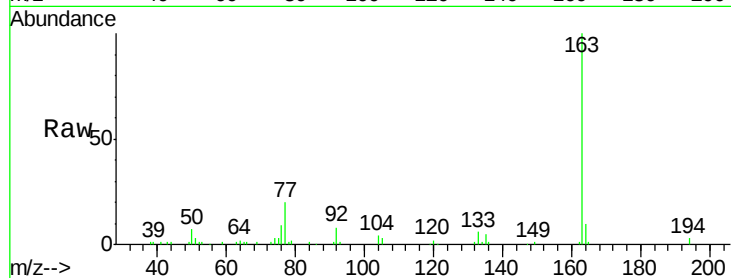
Tgt Ion:163 Resp: 66620

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

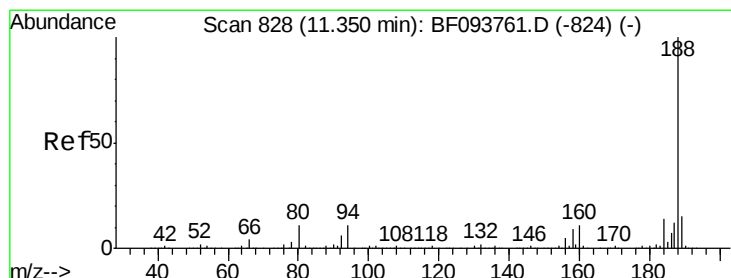
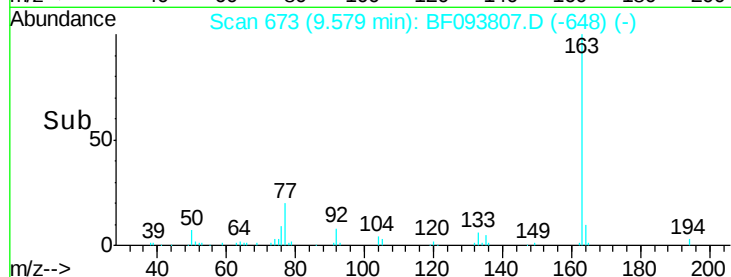
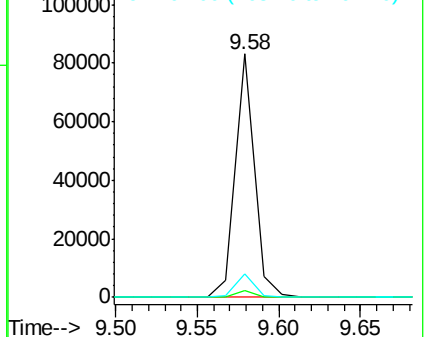
164 9.5 8.4 12.6



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: BF093807.D

Acq: 21 Mar 2017 19:22

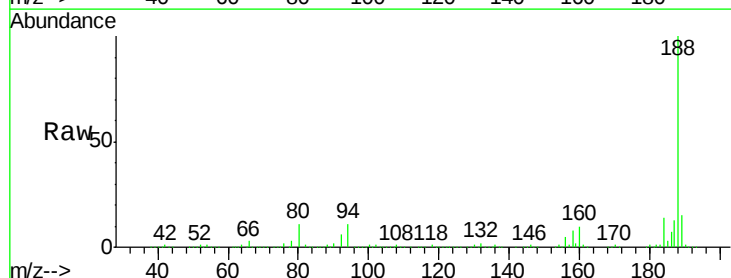
Tgt Ion:188 Resp: 659981

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

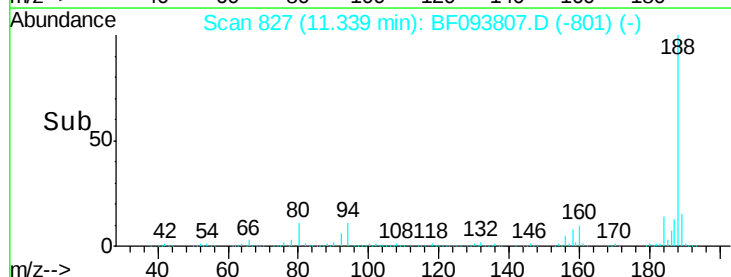
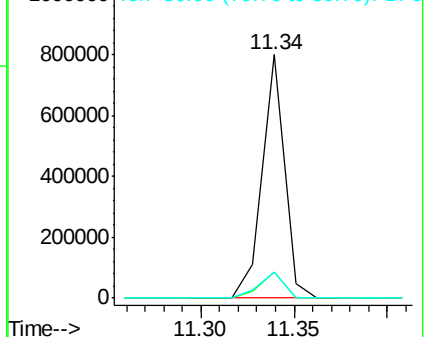
80 10.8 10.2 15.2

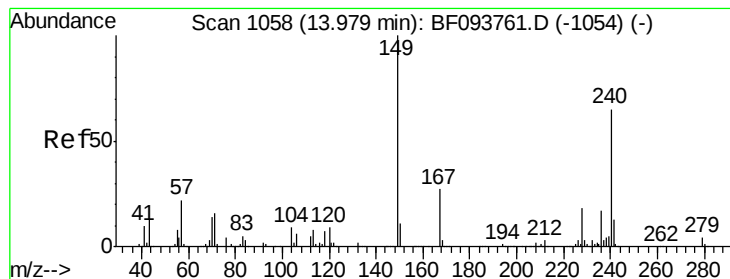


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

Instrument :

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ClientSampleId :

FK-SF-01-002-B

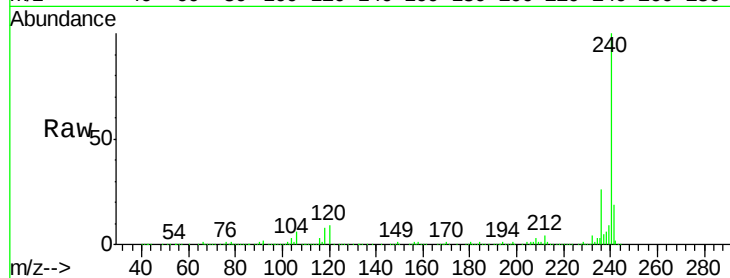
Tgt Ion:240 Resp: 404570

Ion Ratio Lower Upper

240 100

120 9.4 5.8 8.8#

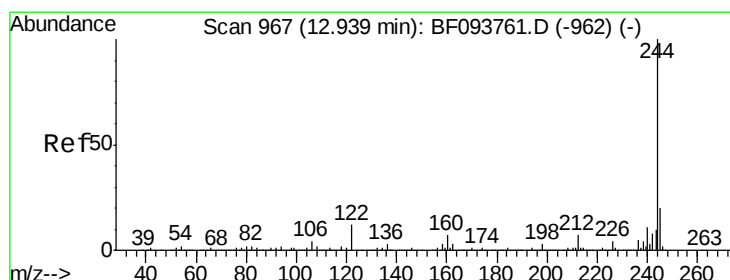
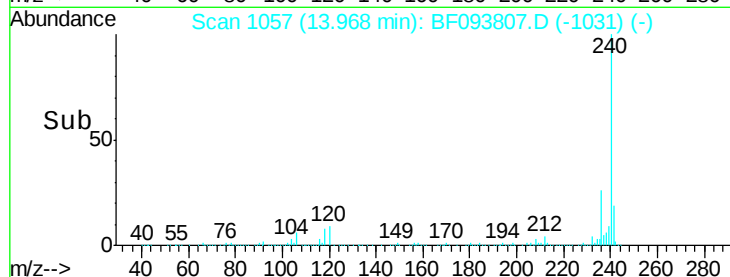
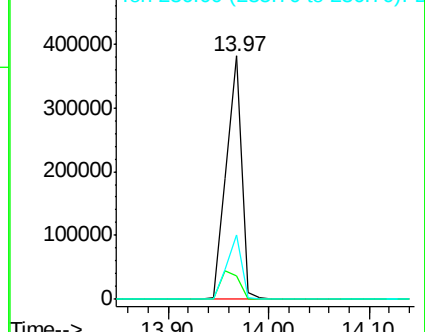
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 27.70 ng

RT: 12.92 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

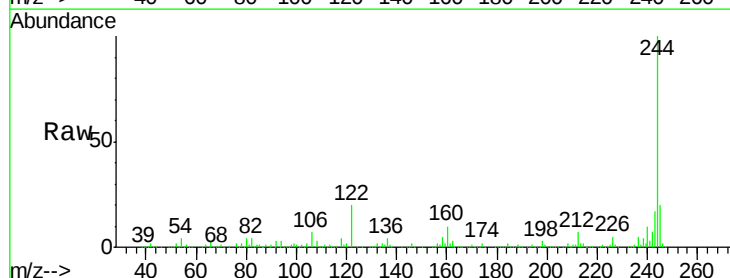
Tgt Ion:244 Resp: 549718

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

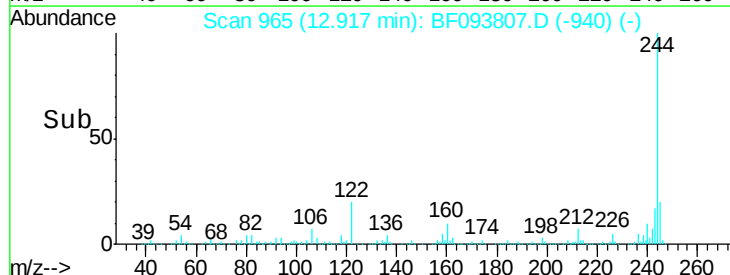
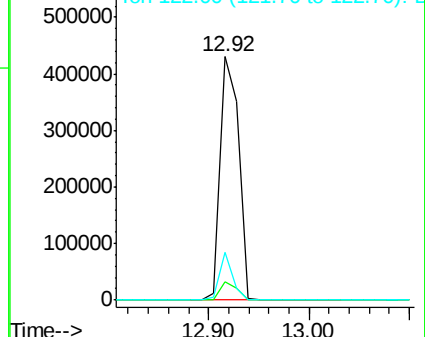
122 19.6 10.3 15.5#

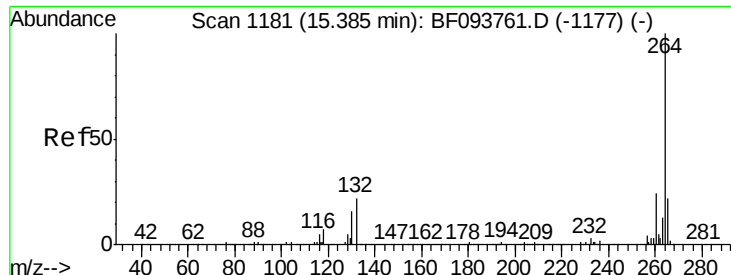


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

Instrument :
BNA_F
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FK-SF-01-002-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.2	25.8

