

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 00:55:14 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

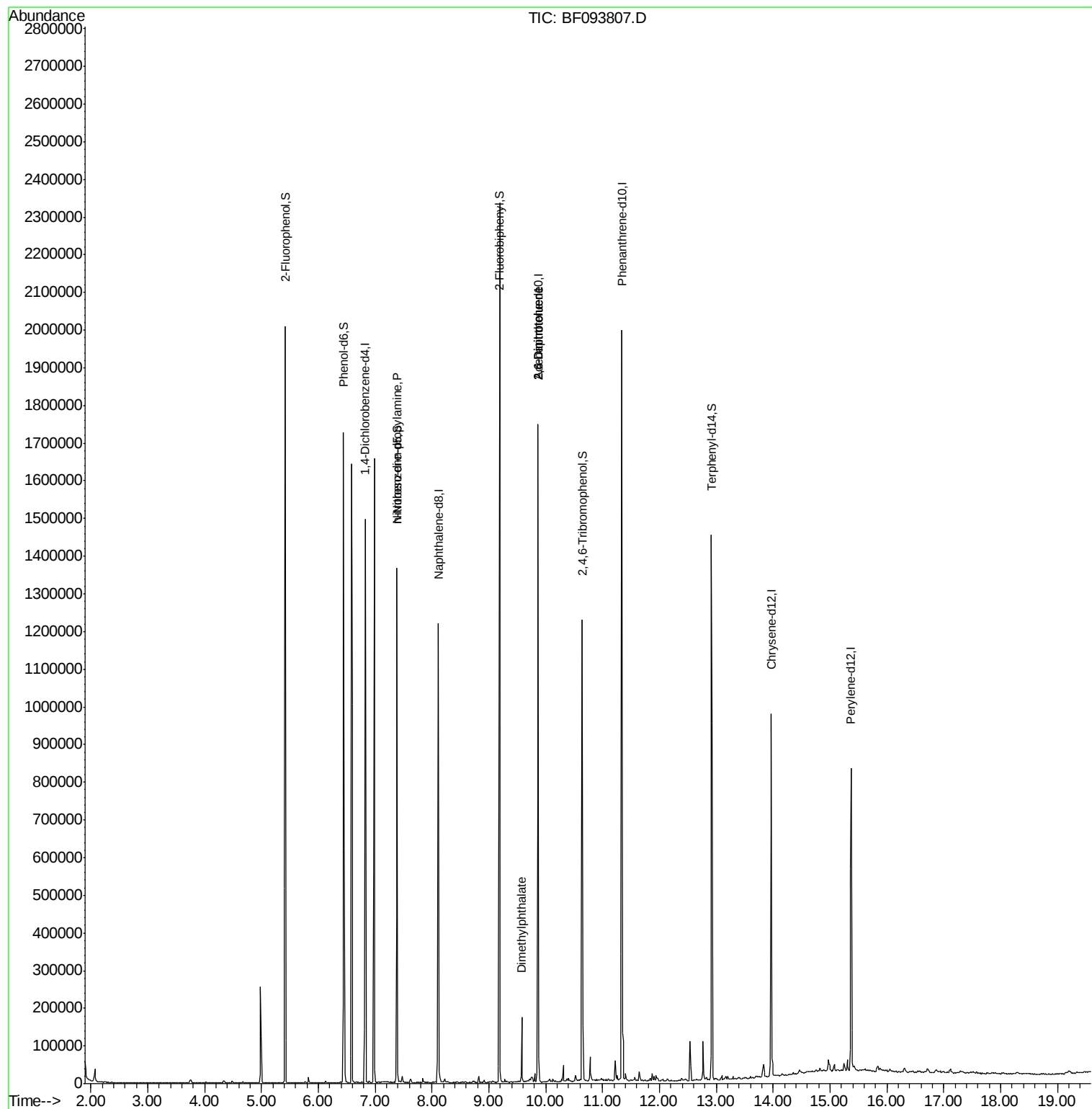
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	207917	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	845584	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	383160	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	659981	20.00	ng	0.00
75) Chrysene-d12	13.97	240	404570	20.00	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						
19) n-Nitroso-di-n-propylamine	7.38	70	57288	5.95	ng	# 76
49) Dimethylphthalate	9.58	163	66620	2.44	ng	98
50) 2,6-Dinitrotoluene	9.86	165	49362	8.25	ng	# 33
56) 2,4-Dinitrotoluene	9.86	165	49364	6.50	ng	# 33

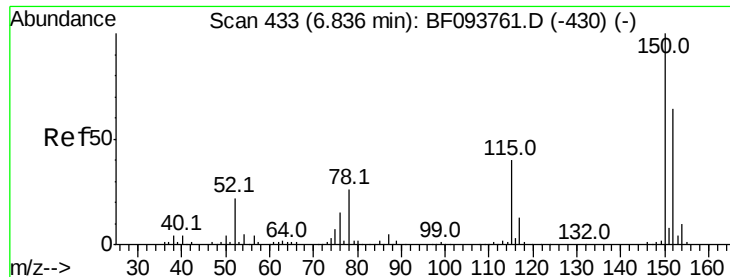
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:55:14 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



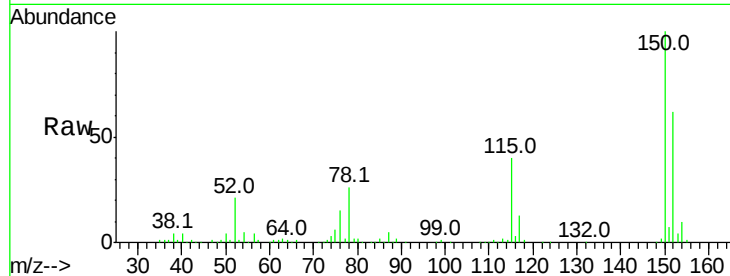


#1

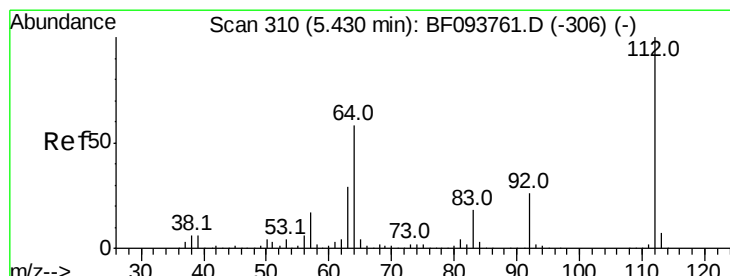
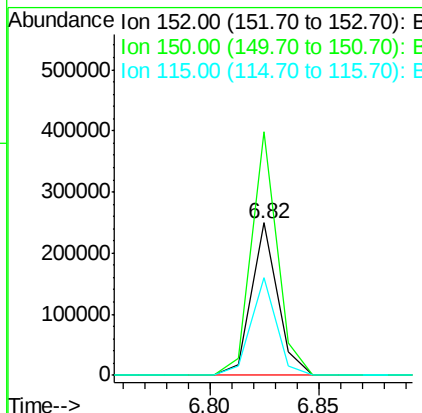
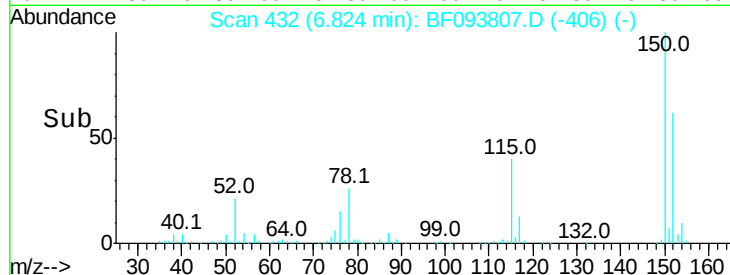
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	64.5	52.2	78.2



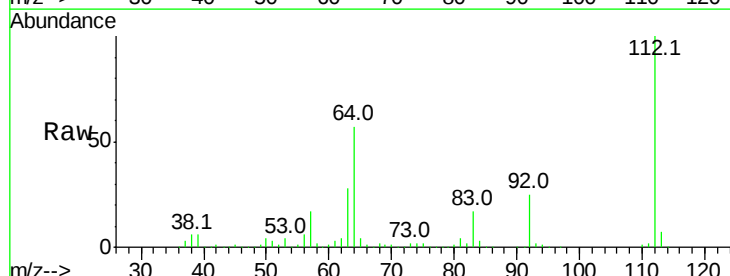
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



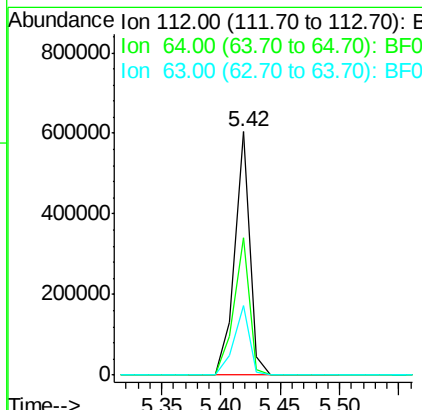
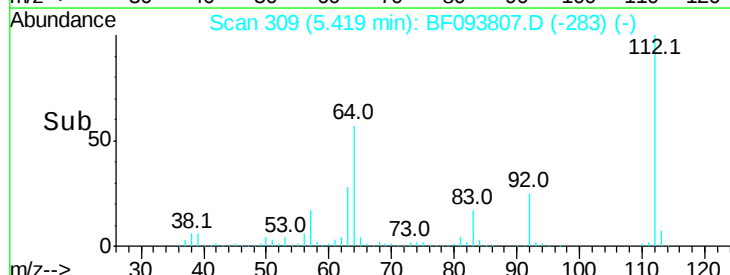
#5

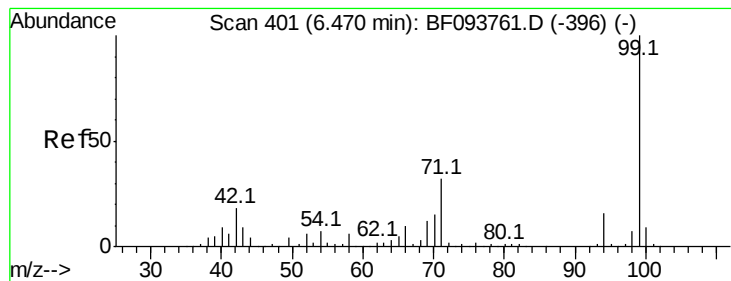
2-Fluorophenol
 Concen: 45.31 ng
 RT: 5.42 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	28.4	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: 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

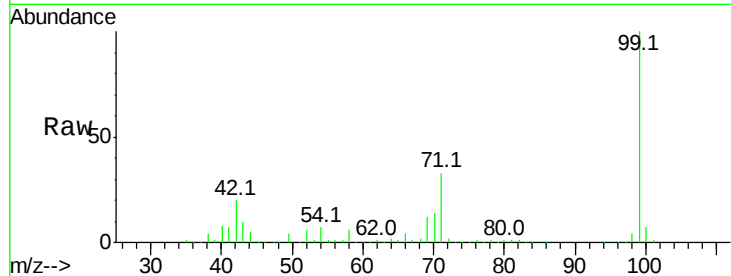
Tot Ion: 99 Resp: 640242

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

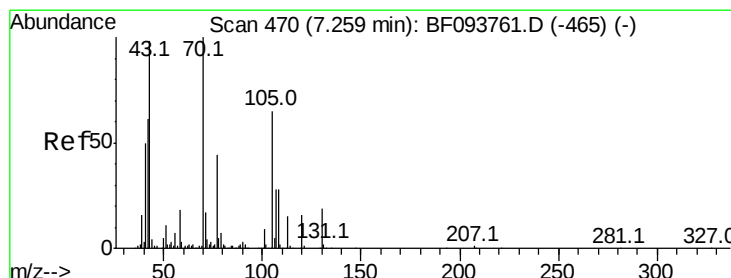
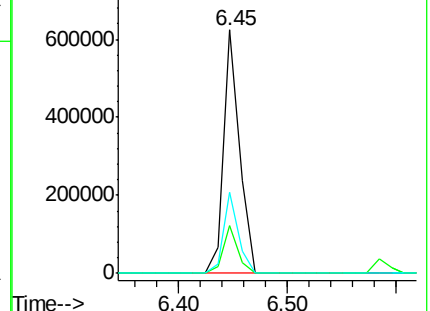
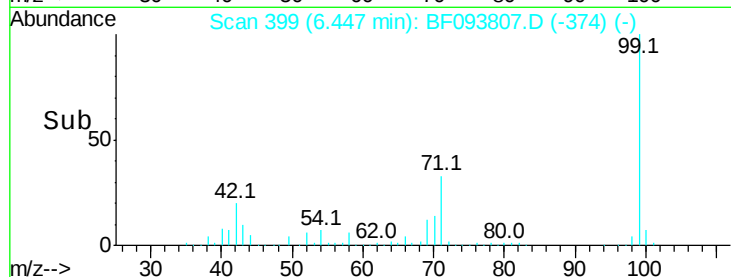
71 33.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.95 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.14 min

Lab File: BF093807.D

Acq: 21 Mar 2017 19:22

Tgt Ion: 70 Resp: 57288

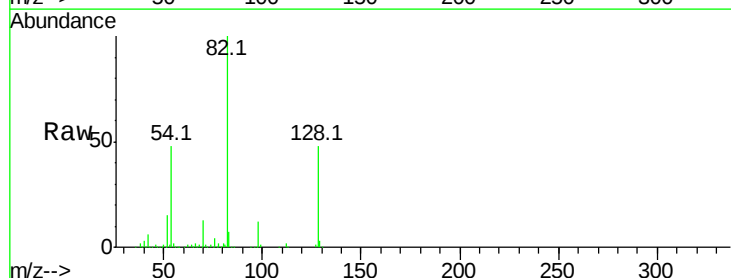
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

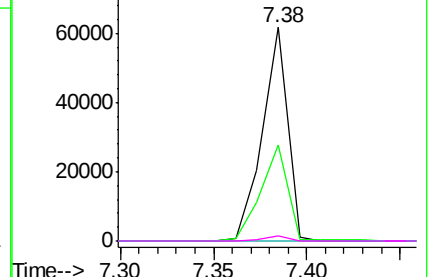
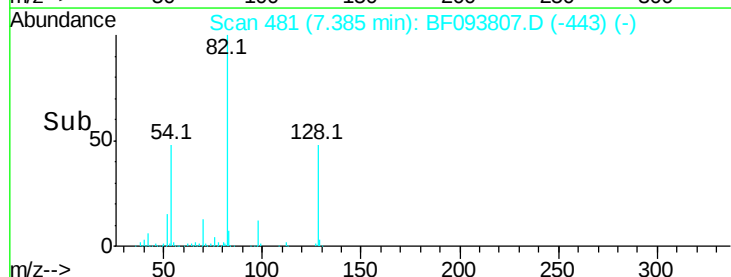


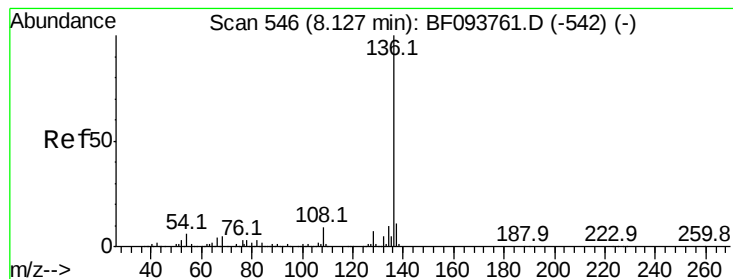
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.12 min Scan# 545

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

Tot Ion:136 Resp: 845584

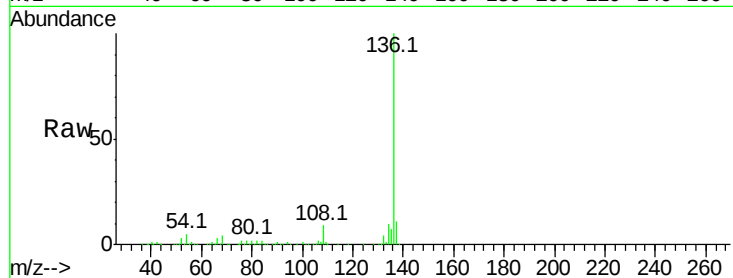
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.0 4.9 7.3

68 4.4 4.1 6.1

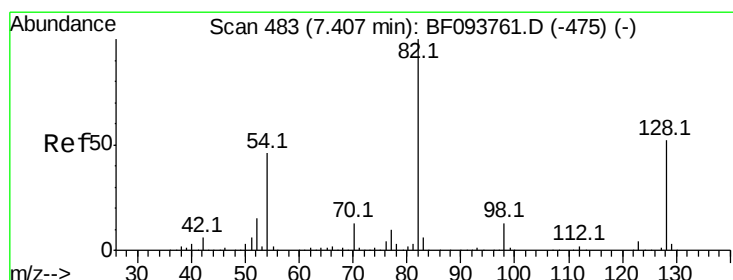
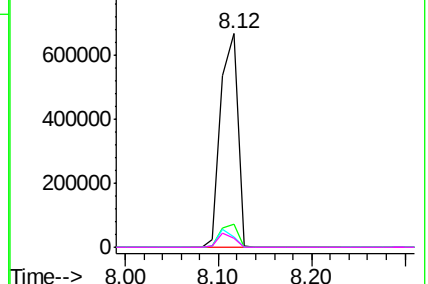
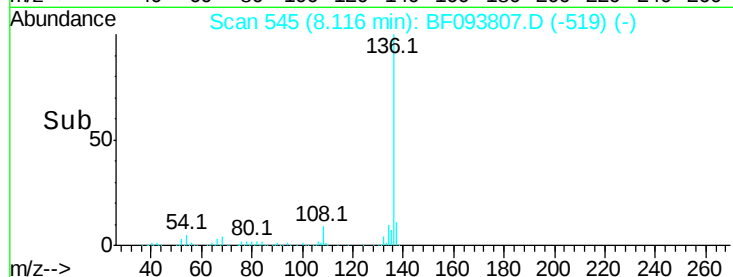


Abundance Ion 136.00 (135.70 to 136.70): E

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

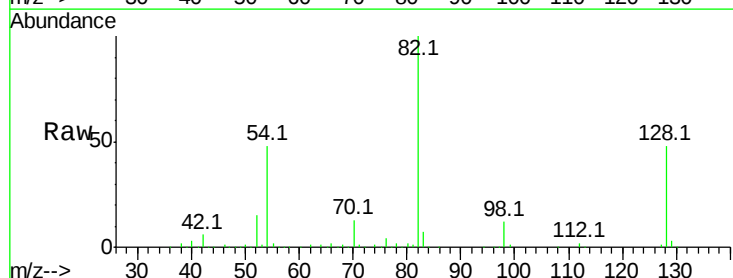
Tgt Ion: 82 Resp: 440411

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

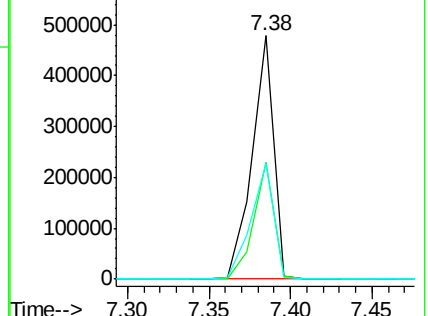
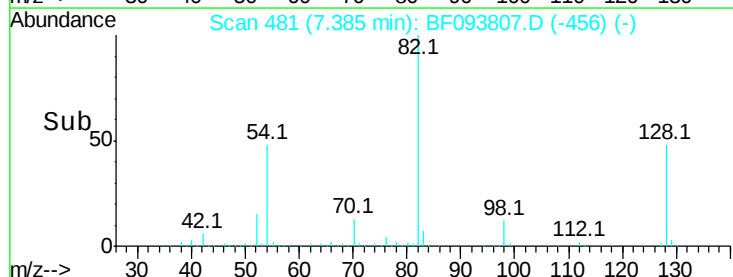
54 47.7 42.2 63.2

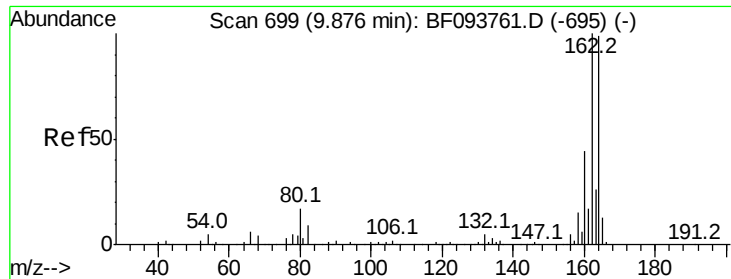


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

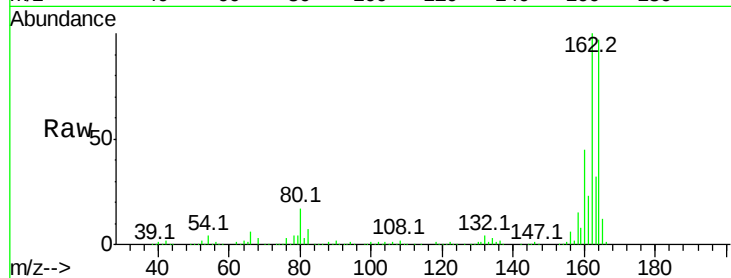




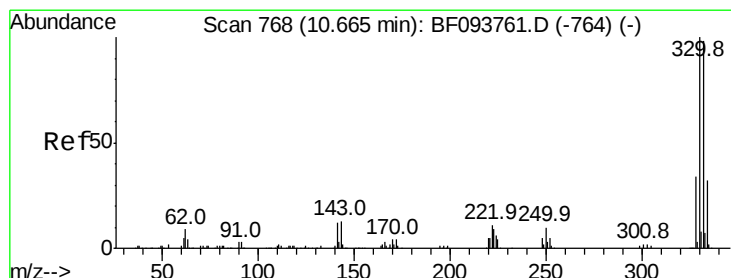
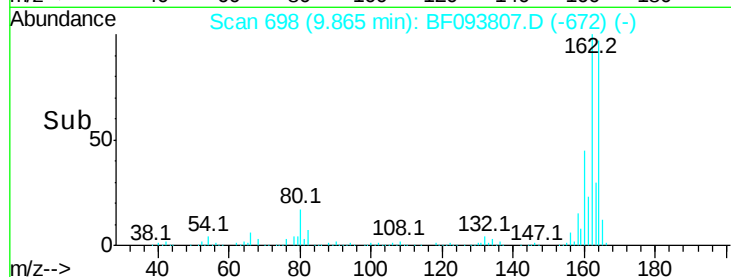
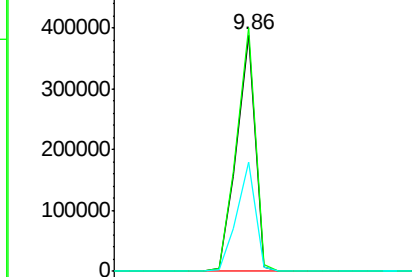
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

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

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

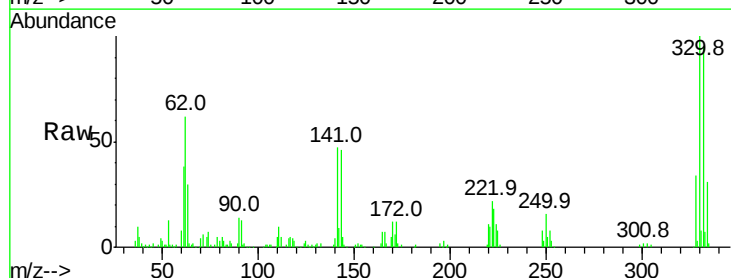


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

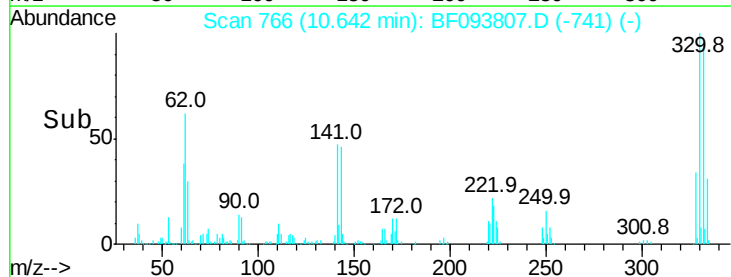
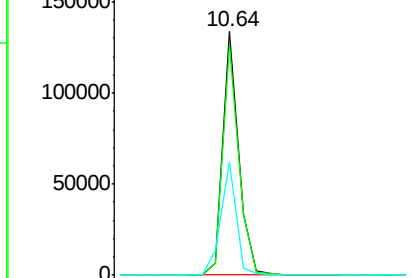


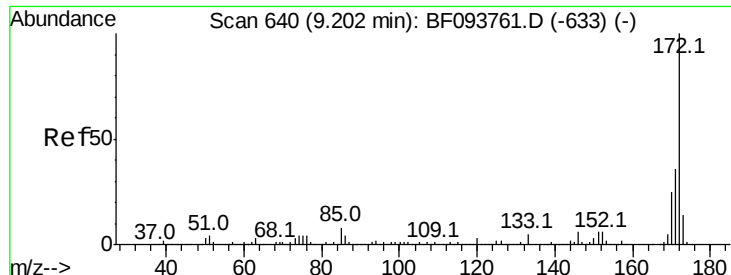
#41
 2,4,6-Tribromophenol
 Concen: 41.18 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF093807.D
 Acq: 21 Mar 2017 19:22

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

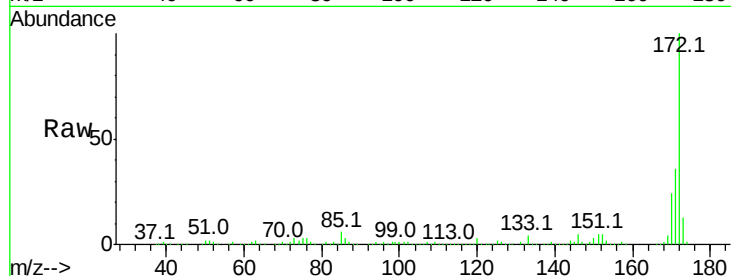




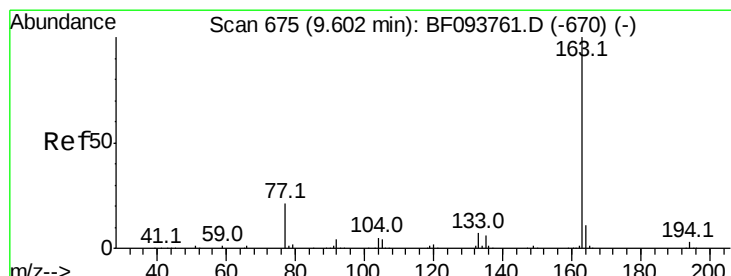
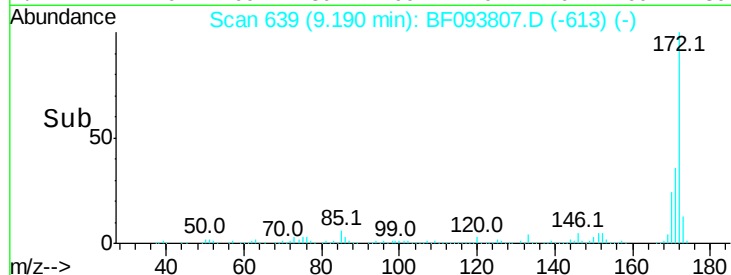
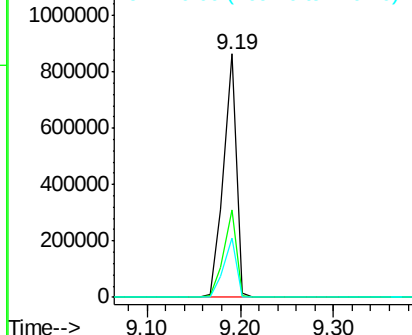
#44
2-Fluorobiphenyl
Concen: 36.39 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

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

Tot Ion:172 Resp: 829092
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.3 19.8 29.8

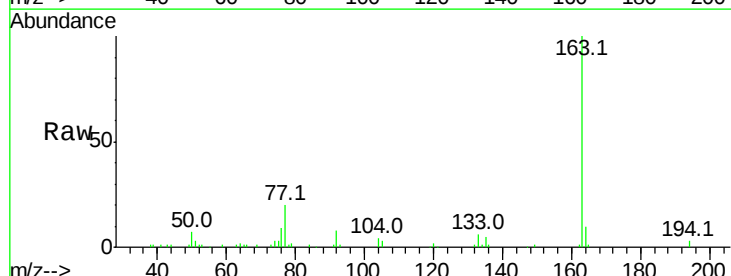


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

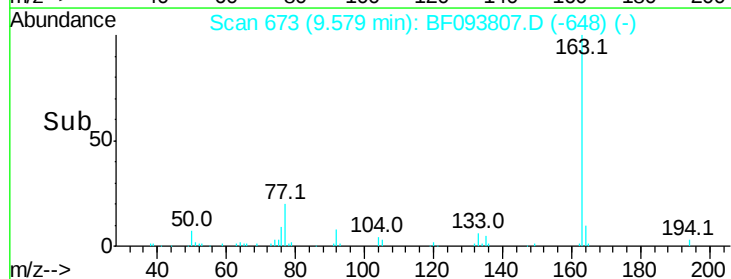
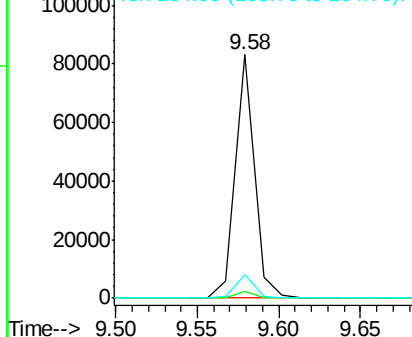


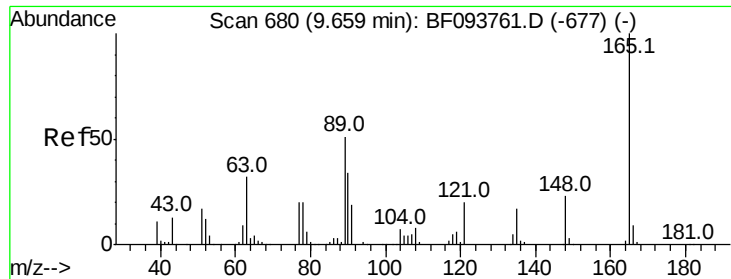
#49
Dimethylphthalate
Concen: 2.44 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

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

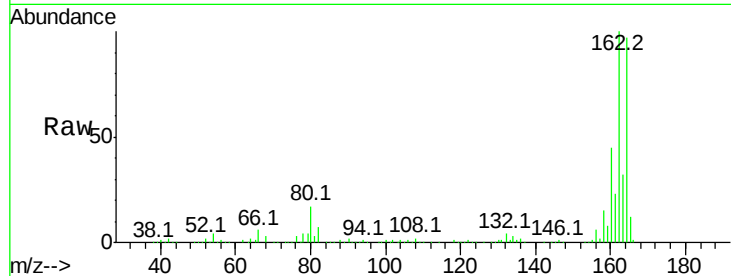




#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.22 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

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

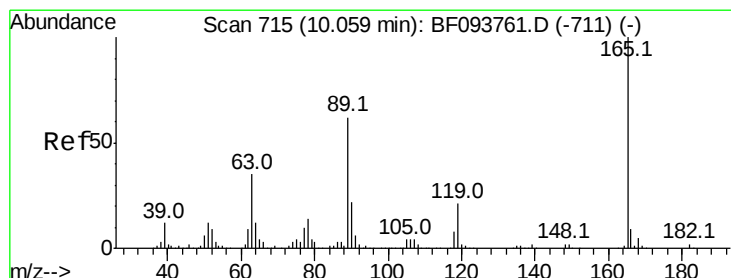
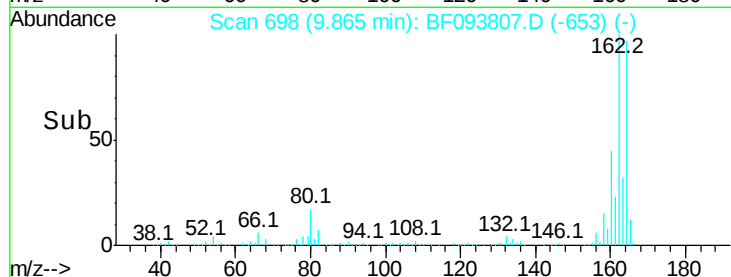
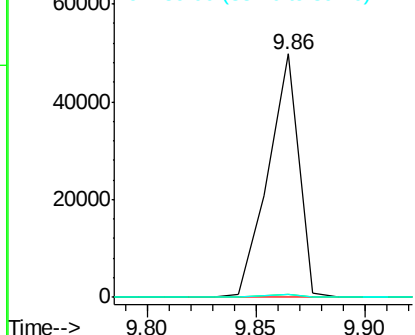
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.3	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

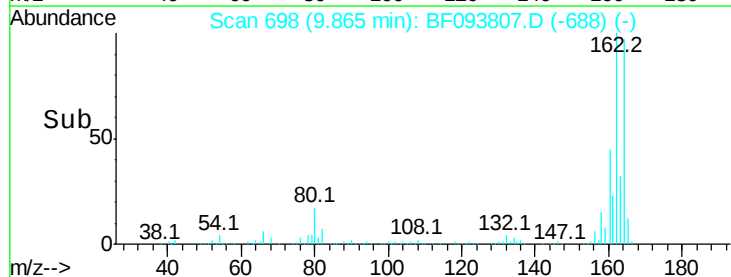
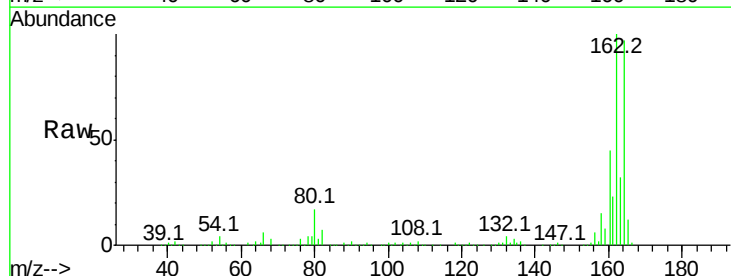
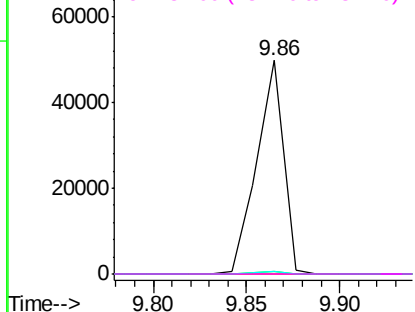
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

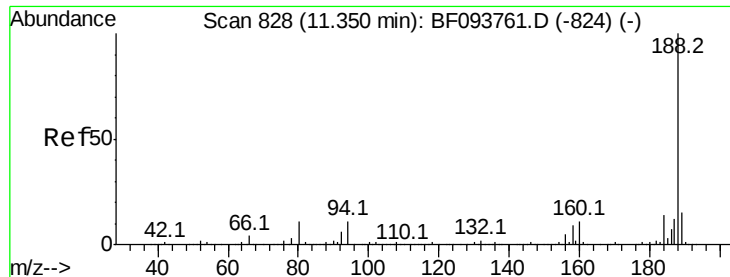
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

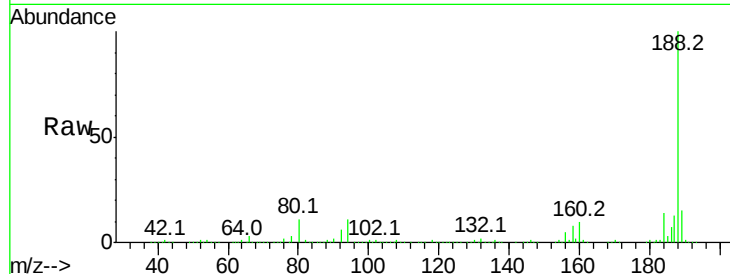




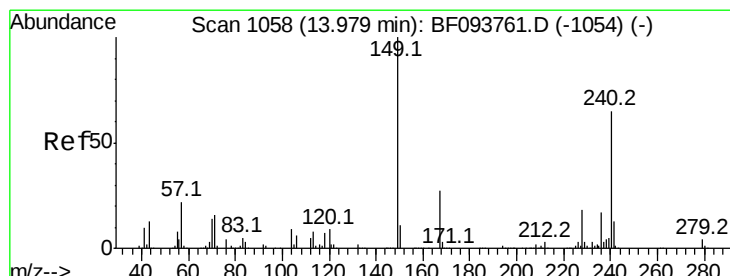
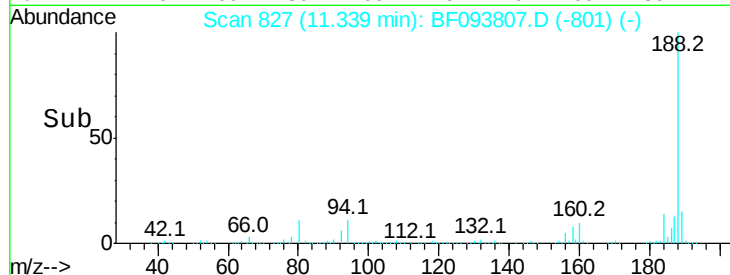
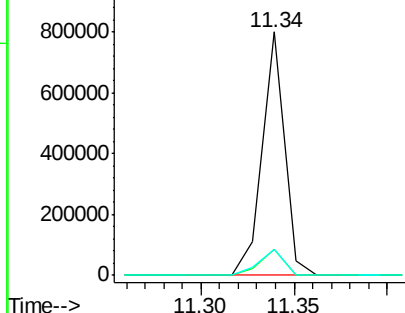
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

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

Tot Ion:188 Resp: 659981
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 10.2 15.2

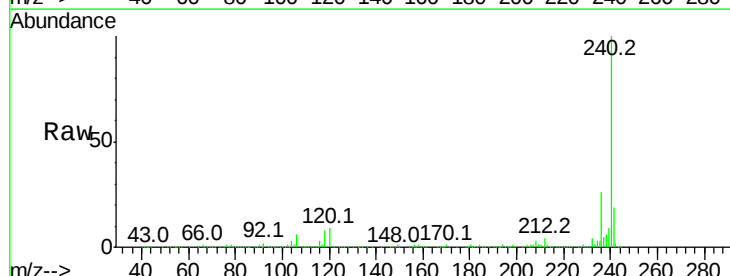


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

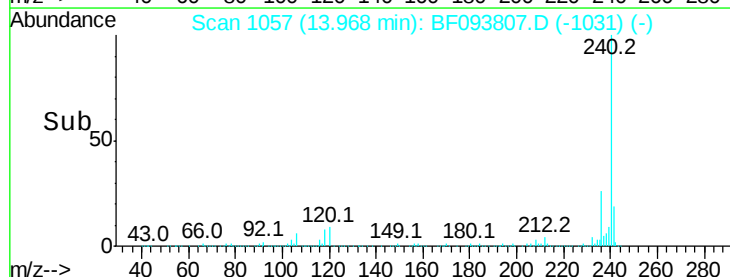
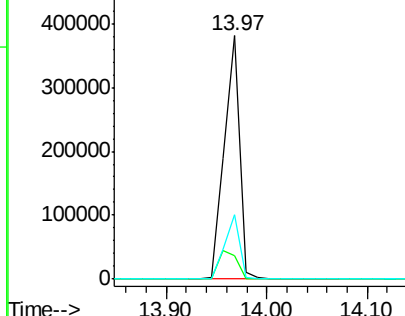


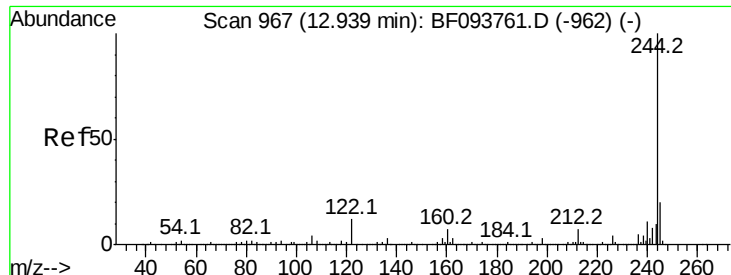
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093807.D
Acq: 21 Mar 2017 19:22

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

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-002-B

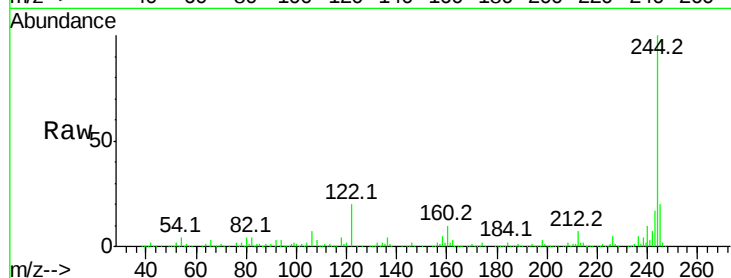
Tot Ion:244 Resp: 549718

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

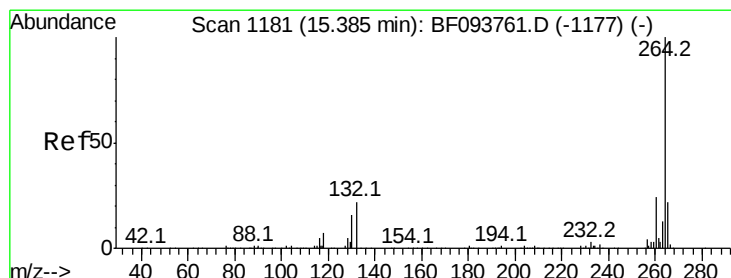
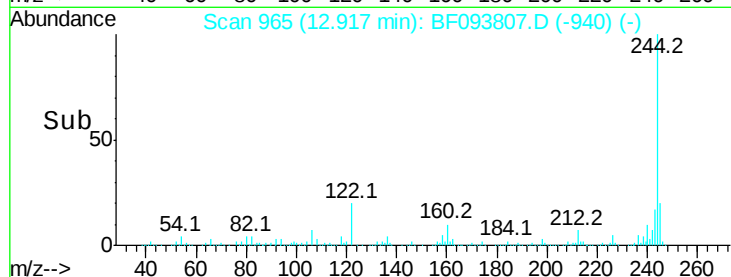
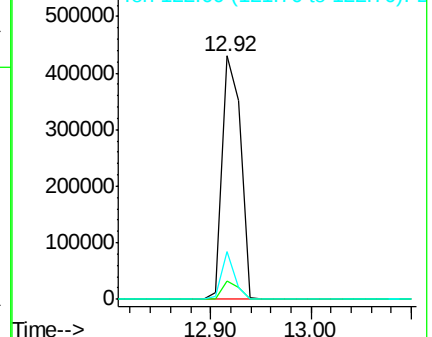
122 19.6 10.3 15.5#



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

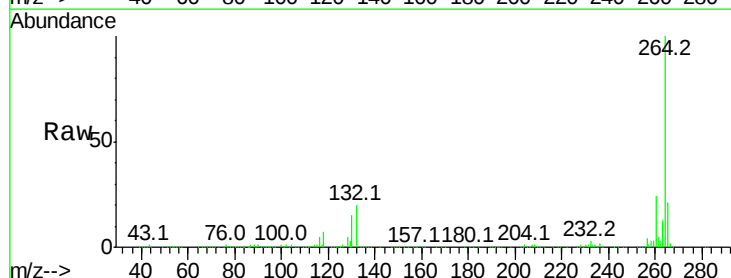
Tgt Ion:264 Resp: 365486

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.2 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

