

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093822.D
 Acq On : 22 Mar 2017 7:46
 Operator : SJ/MA
 Sample : I2329-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-U-M

Quant Time: Mar 22 08:07:30 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

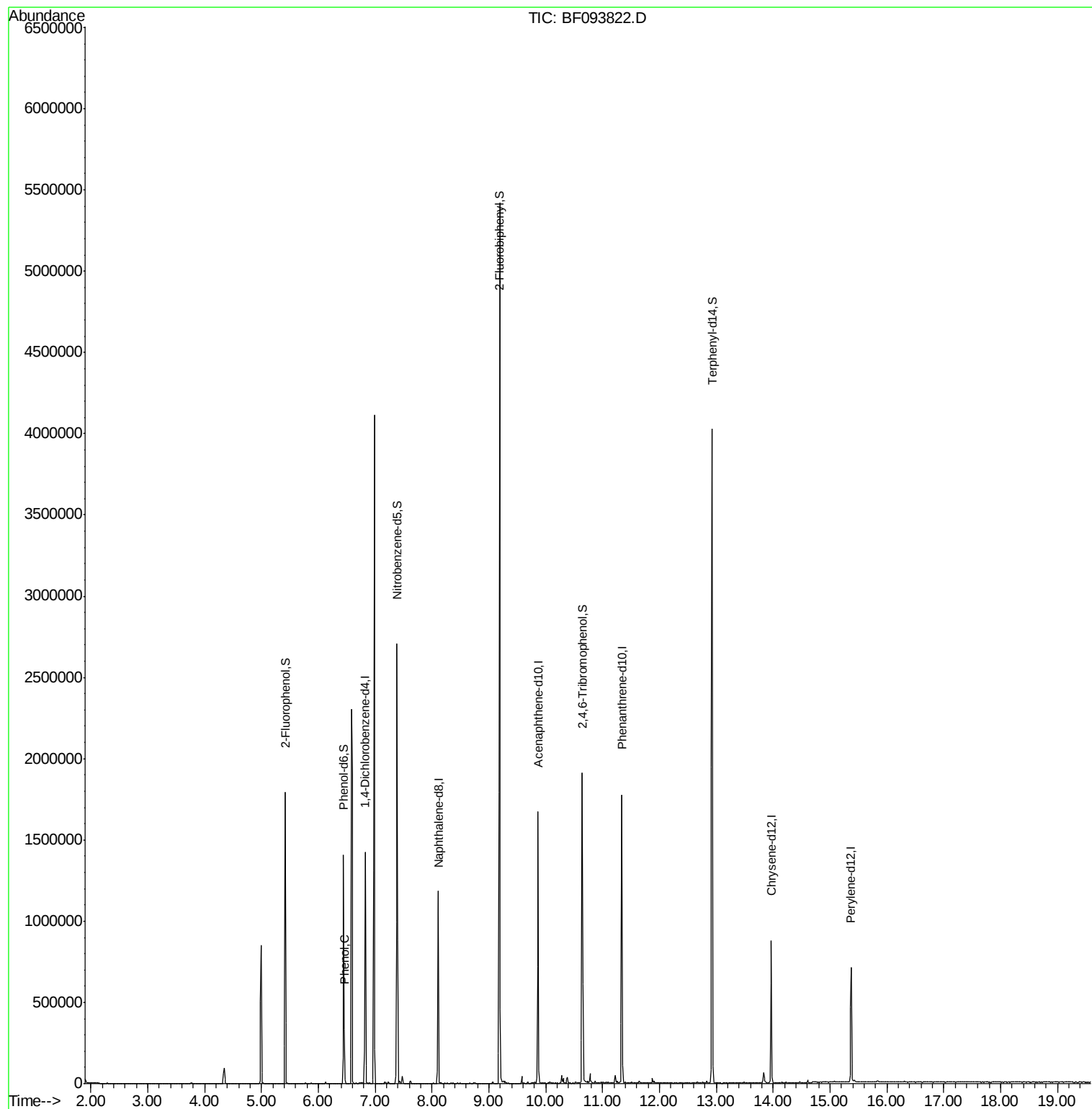
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201762	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	815610	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	380152	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	613599	20.00	ng	0.00
75) Chrysene-d12	13.97	240	391961	20.00	ng	0.00
86) Perylene-d12	15.37	264	331251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	495014	42.90	ng	0.00
7) Phenol-d6	6.45	99	416062	29.18	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1094654	76.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	232477	78.95	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1835210	81.18	ng	0.00
78) Terphenyl-d14	12.93	244	1326339	68.99	ng	0.00
Target Compounds						
10) Phenol	6.46	94	64742	4.04	ng	Qvalue 90

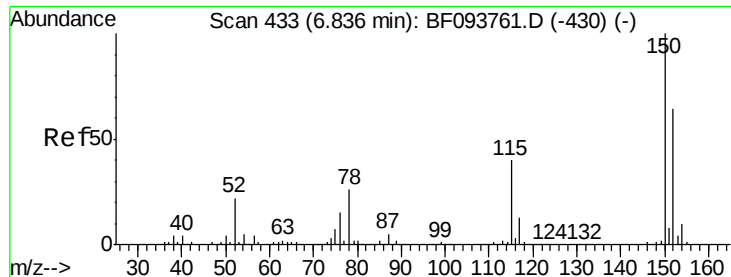
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

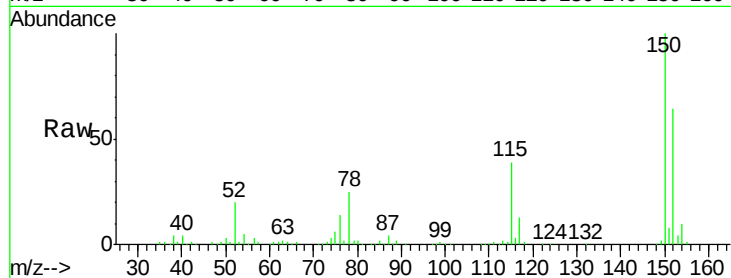
Tgt Ion:152 Resp: 201762

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

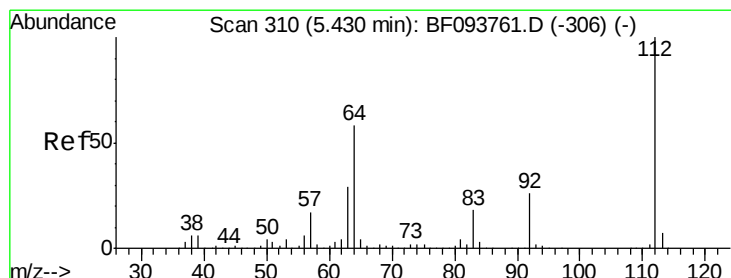
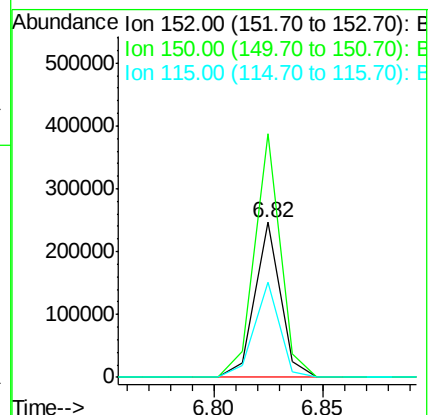
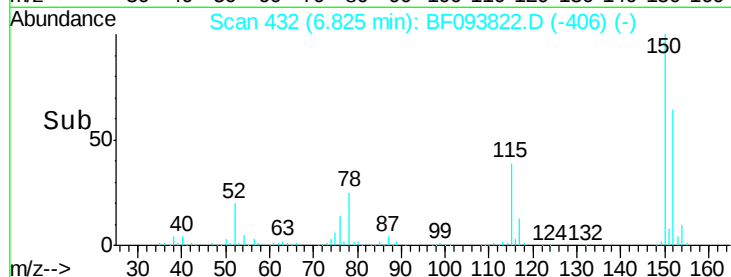
115 61.9 52.2 78.2



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: 42.90 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

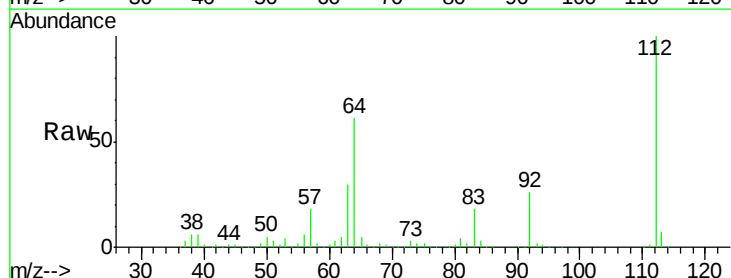
Tgt Ion:112 Resp: 495014

Ion Ratio Lower Upper

112 100

64 60.6 46.0 69.0

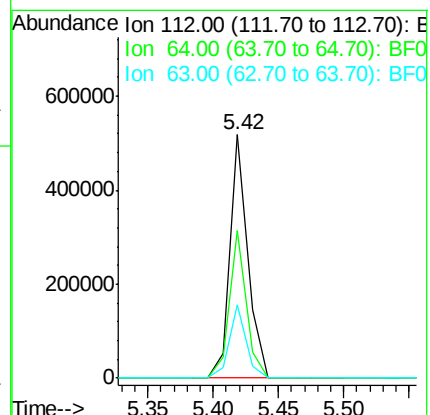
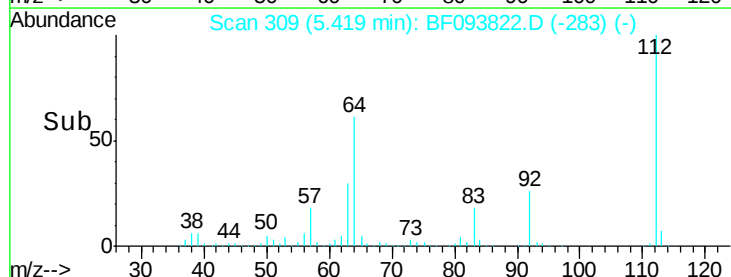
63 30.2 23.4 35.0

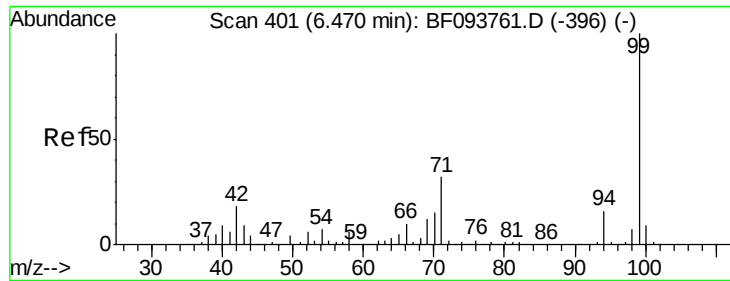


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.18 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

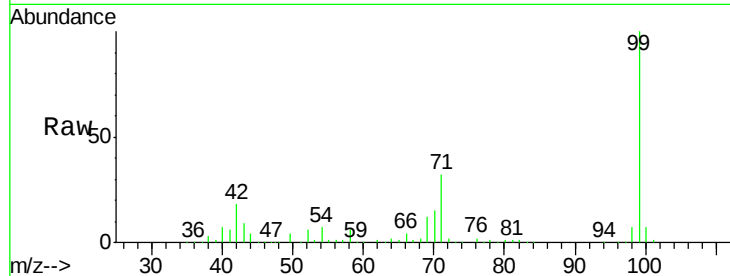
Tgt Ion: 99 Resp: 416062

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

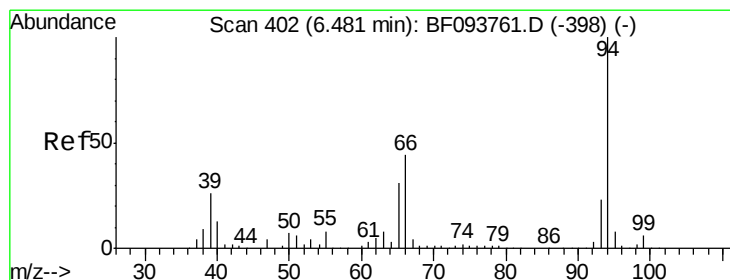
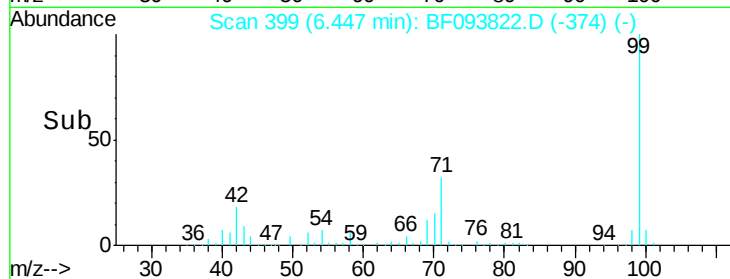
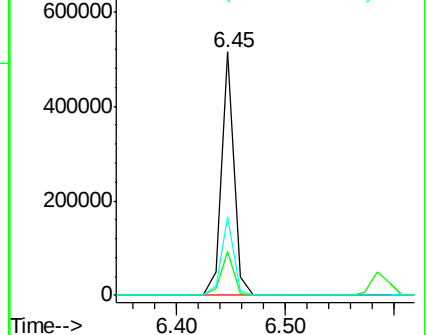
71 32.2 24.5 36.7



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: 4.04 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

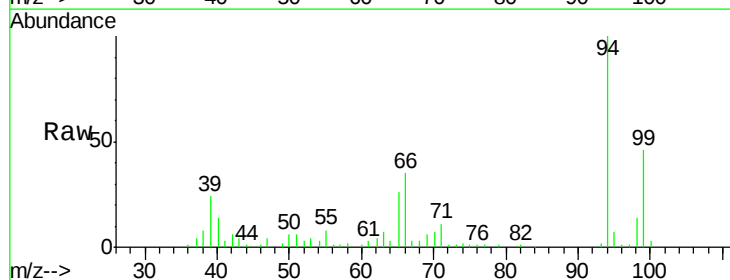
Tgt Ion: 94 Resp: 64742

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

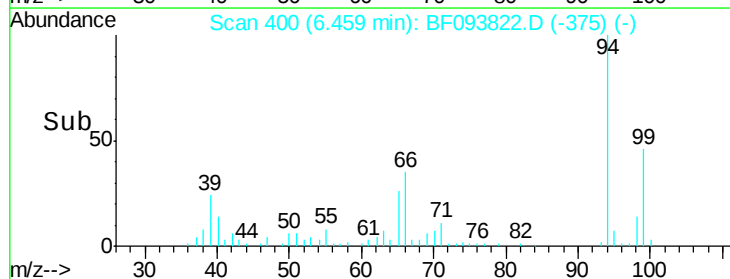
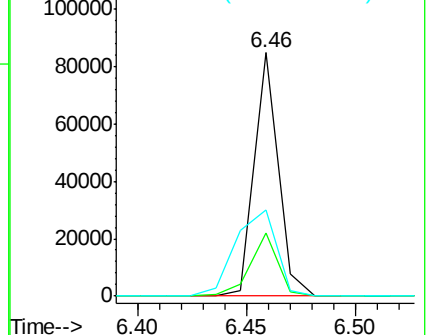
66 35.4 23.1 63.1

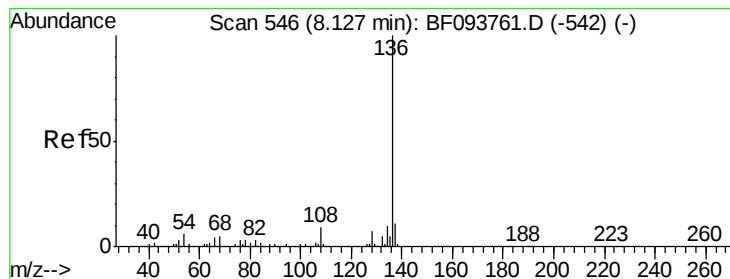


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

Tgt Ion: 136 Resp: 815610

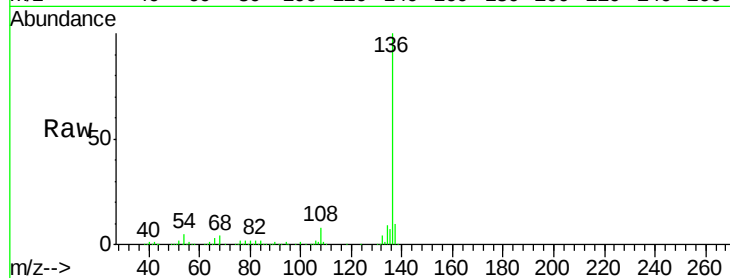
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.0 4.9 7.3

68 4.2 4.1 6.1

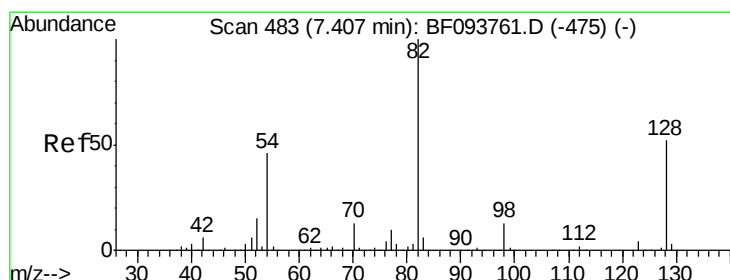
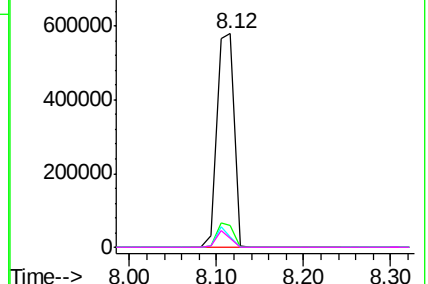
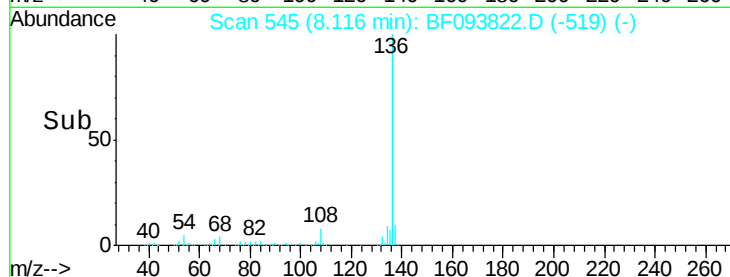


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.14 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

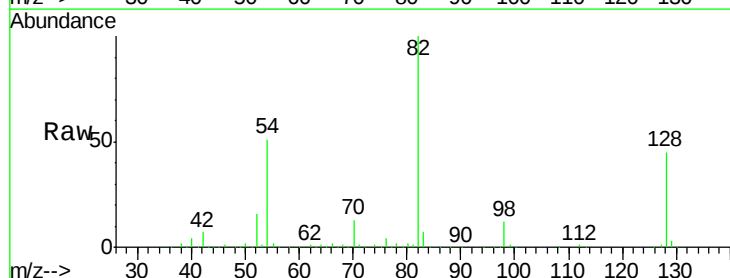
Tgt Ion: 82 Resp: 1094654

Ion Ratio Lower Upper

82 100

128 45.0 34.0 51.0

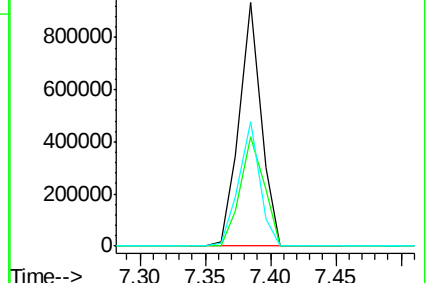
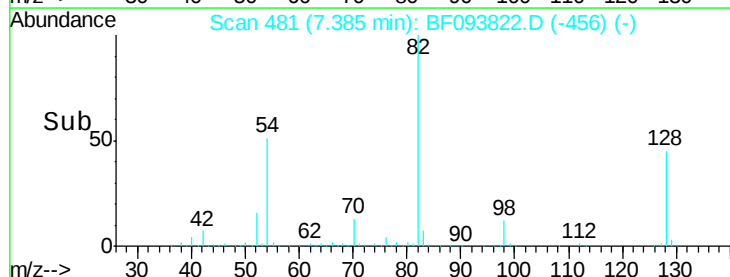
54 51.0 42.2 63.2

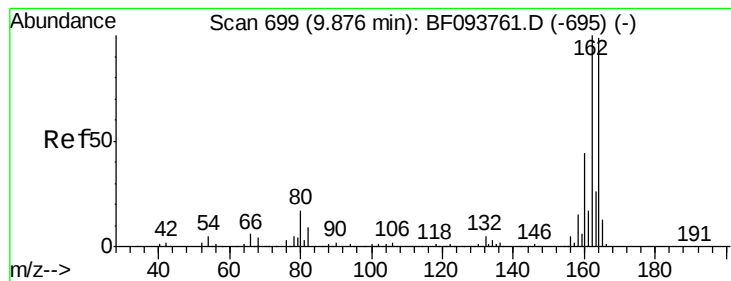


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

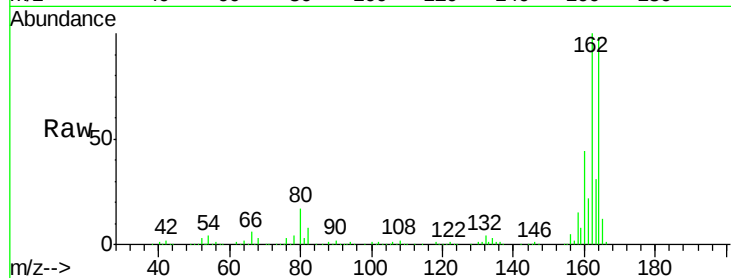
Tgt Ion:164 Resp: 380152

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

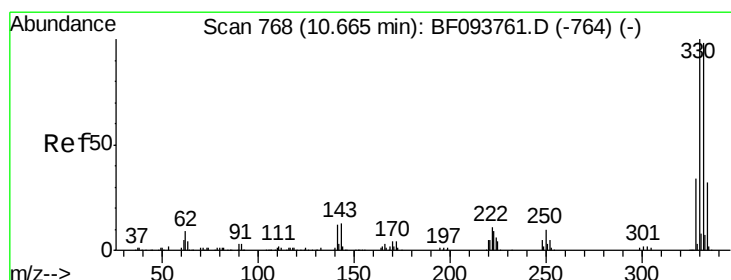
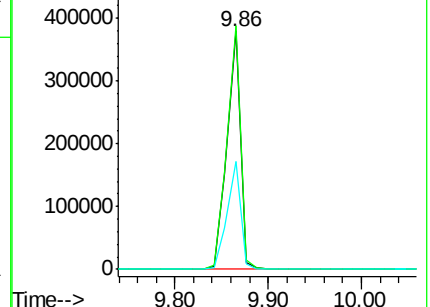
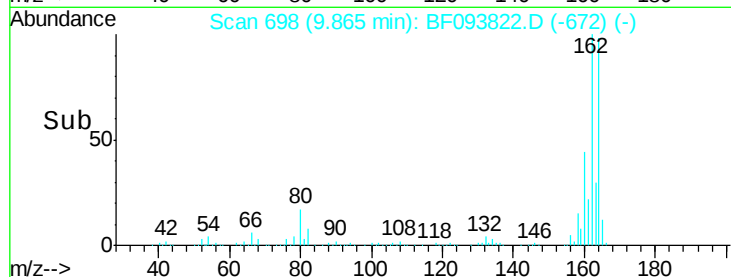
160 45.5 36.2 54.2



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: 78.95 ng

RT: 10.64 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

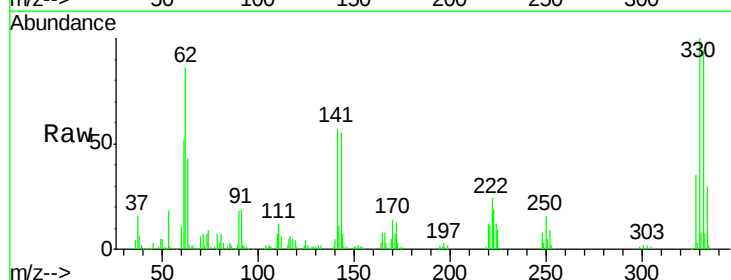
Tgt Ion:330 Resp: 232477

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

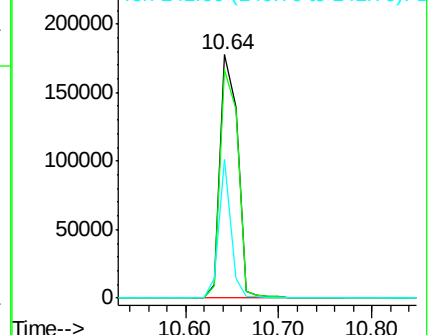
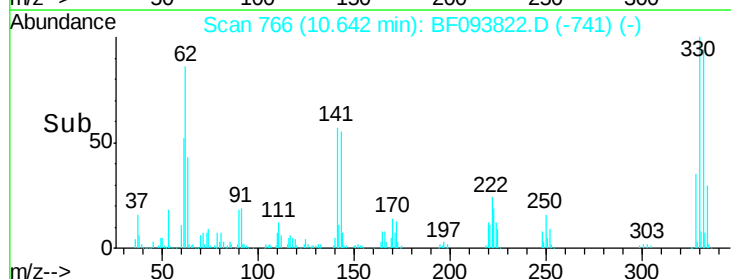
141 39.7 31.4 47.2

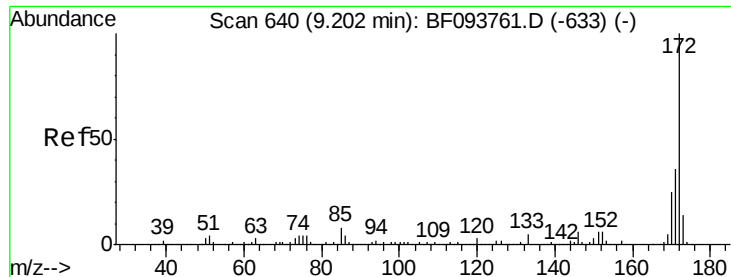


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

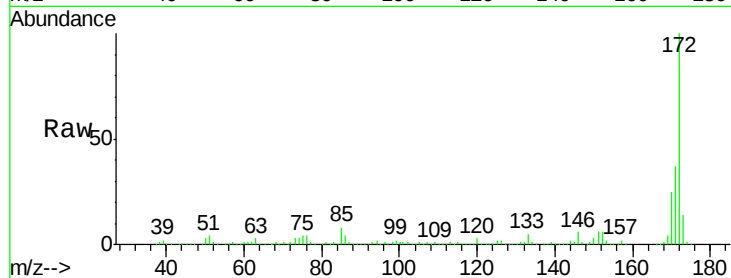




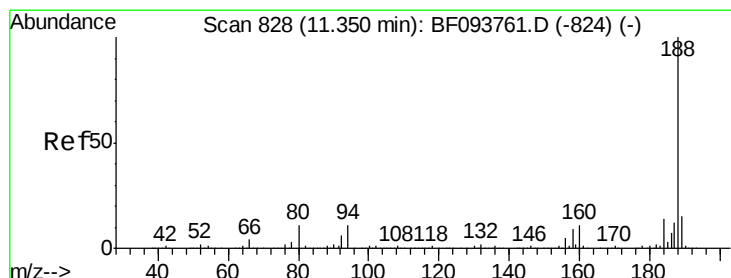
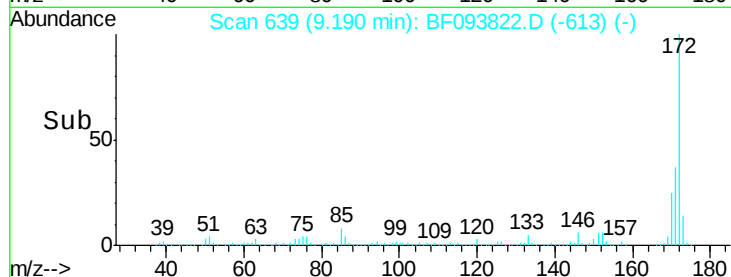
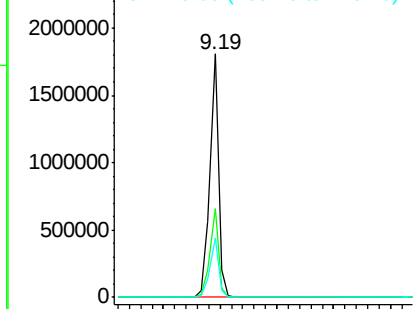
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-U-M

Tgt Ion:172 Resp: 1835210
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.5 19.8 29.8

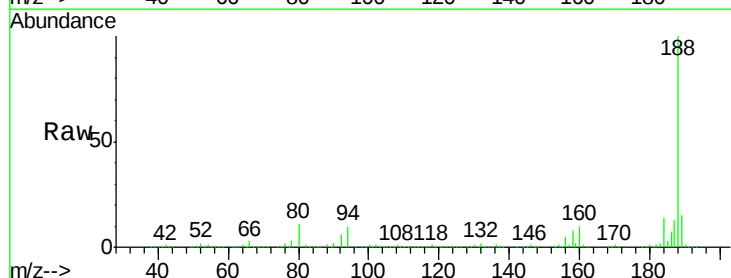


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

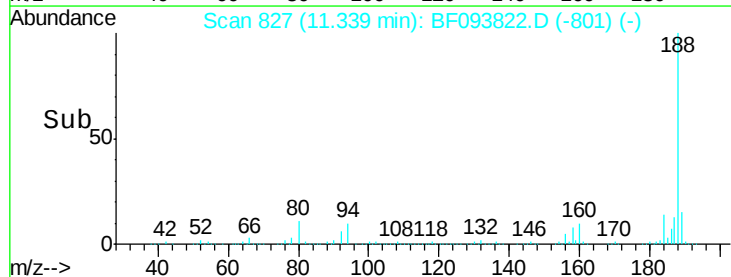
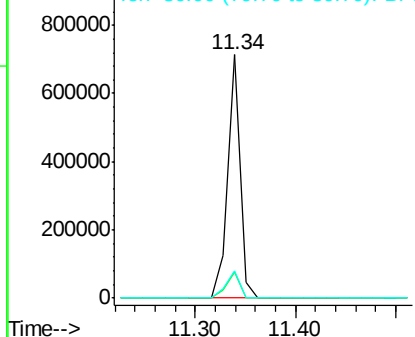


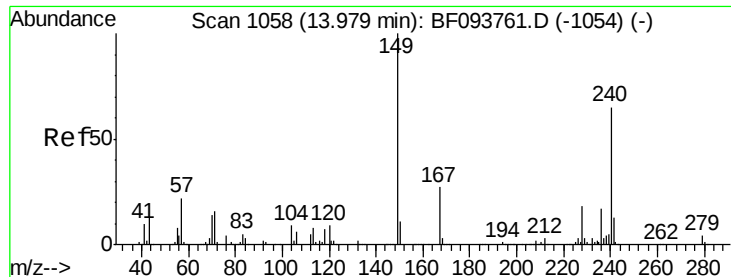
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

Tgt Ion:188 Resp: 613599
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.0 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: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

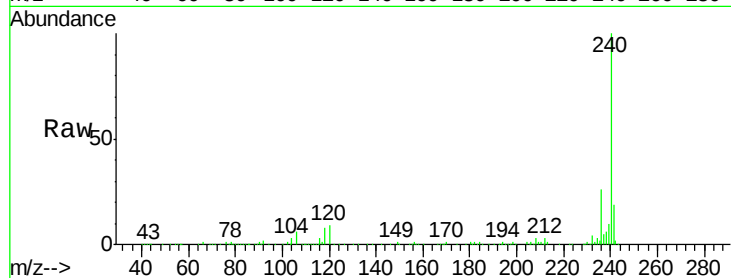
Tgt Ion:240 Resp: 391961

Ion Ratio Lower Upper

240 100

120 9.4 5.8 8.8#

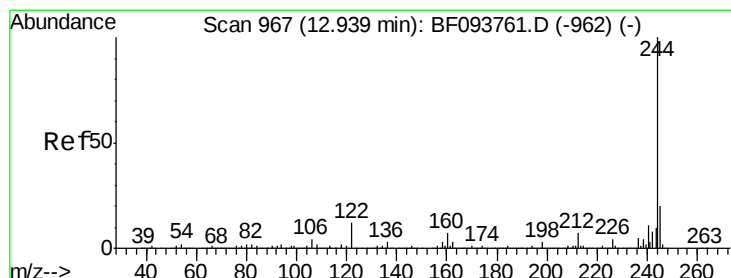
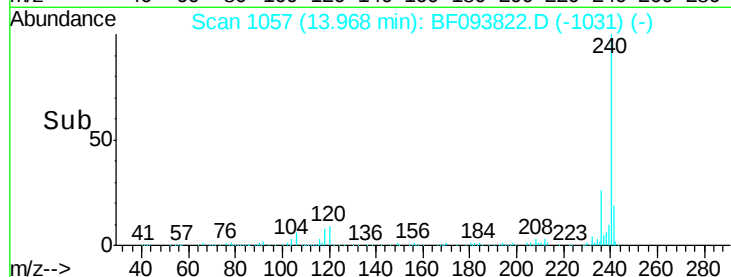
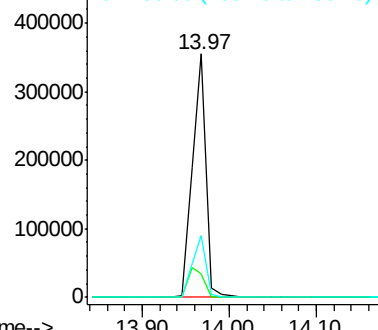
236 25.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 68.99 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

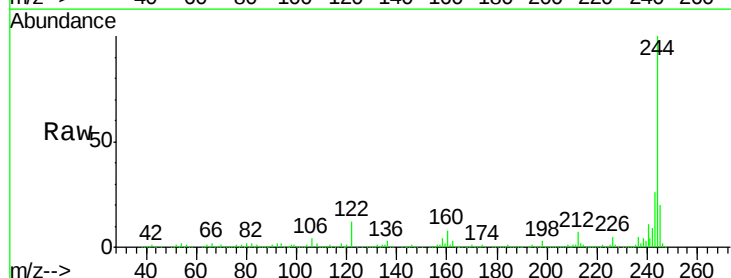
Tgt Ion:244 Resp: 1326339

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

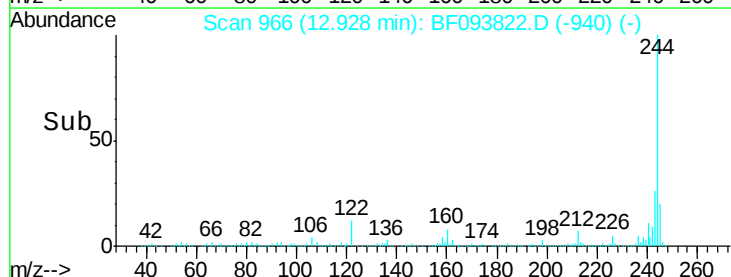
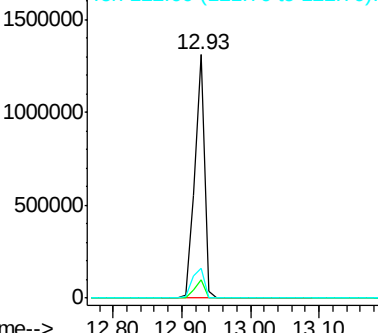
122 12.5 10.3 15.5

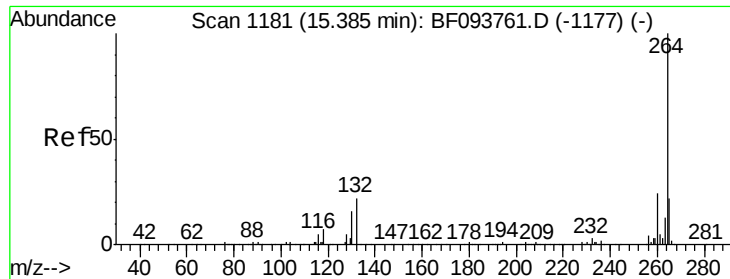


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

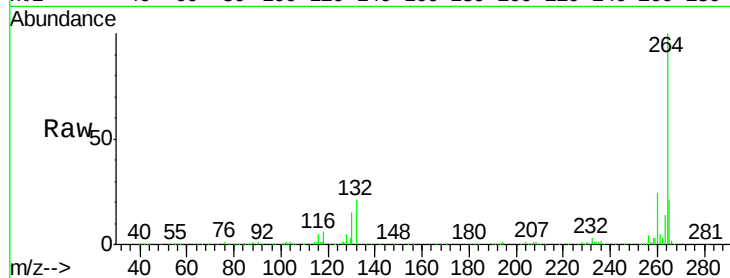




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-U-M

Tgt Ion: 264 Resp: 331251
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 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

