

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093982.D
 Acq On : 28 Mar 2017 9:47
 Operator : SJ/MA
 Sample : I2428-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032417-PRRT-F-U-M

Quant Time: Mar 28 13:38:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	171756	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	686410	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	301841	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	479544	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	307048	20.00	ng	-0.02
86) Perylene-d12	16.29	264	270551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	342039	33.64	ng	-0.01
7) Phenol-d6	5.52	99	261714	20.80	ng	-0.03
23) Nitrobenzene-d5	6.59	82	941258	78.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	167044	70.03	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1633316	82.53	ng	-0.01
78) Terphenyl-d14	13.39	244	1010293	73.75	ng	-0.02

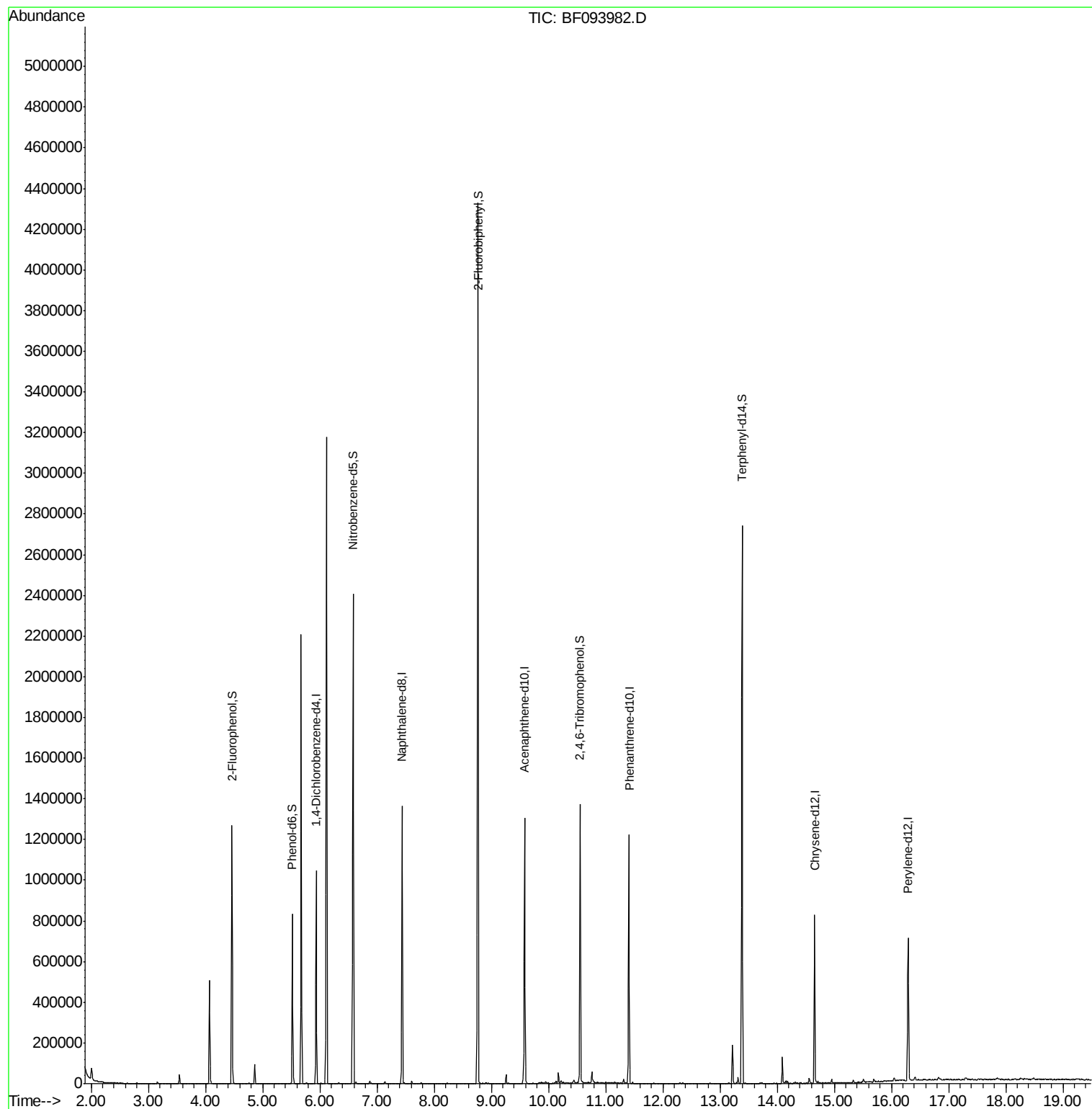
Target Compounds Qvalue

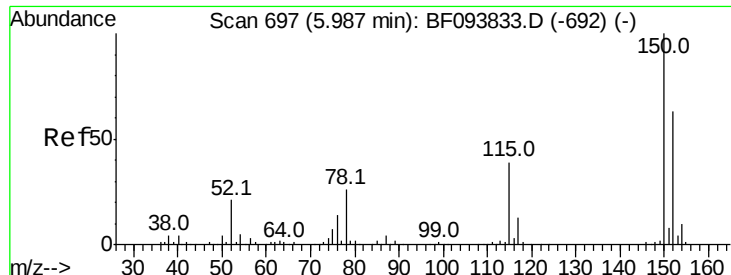
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 42 Sample Multiplier: 1

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BNA_F
ClientSampleId :
032417-PRRT-F-U-M

Quant Time: Mar 28 13:38:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Instrument :

BNA_F

ClientSampleId :

032417-PRRT-F-U-M

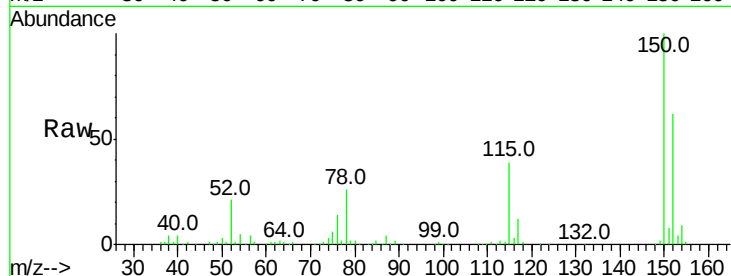
Tot Ion:152 Resp: 171756

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

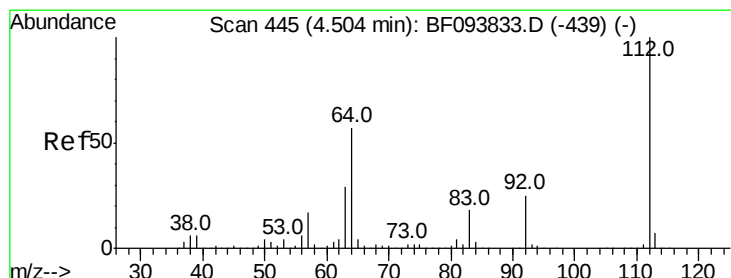
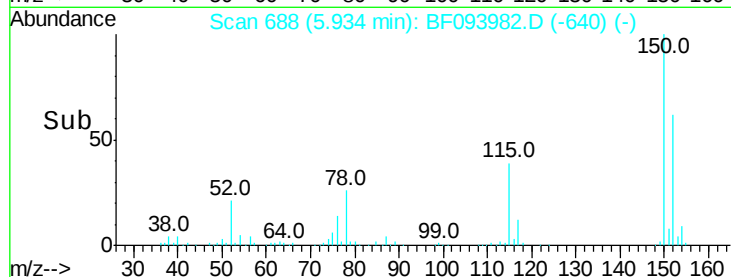
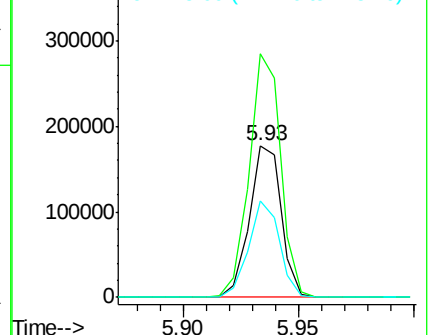
115 63.3 52.2 78.2



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: 33.64 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

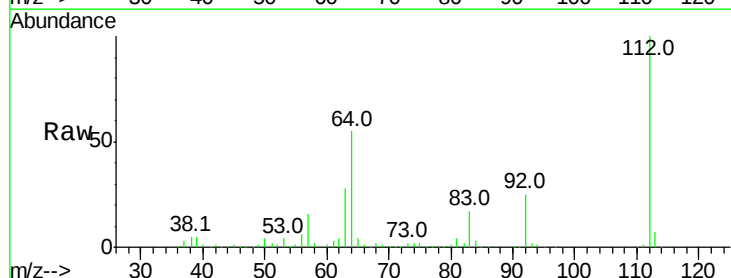
Tgt Ion:112 Resp: 342039

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

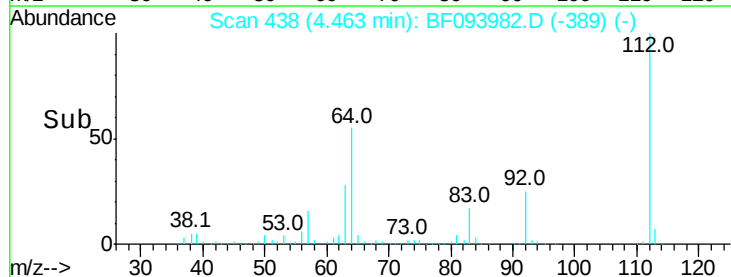
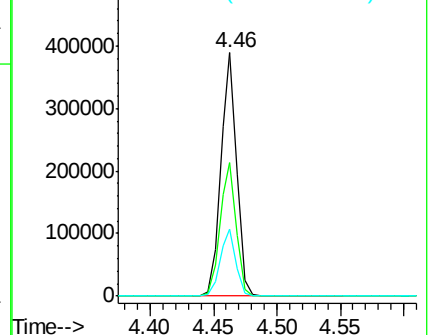
63 27.6 23.4 35.0

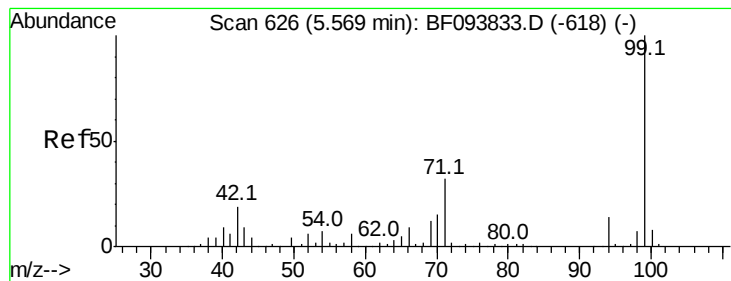


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.80 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Instrument :

BNA_F

ClientSampleId :

032417-PRRT-F-U-M

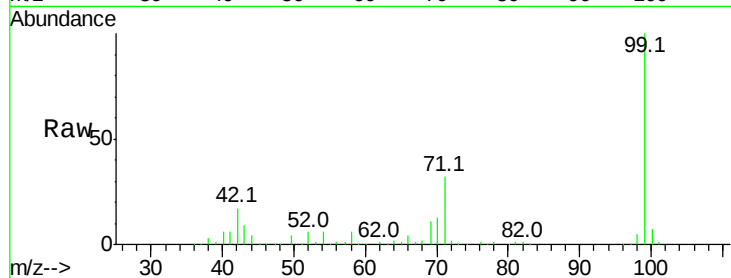
Tot Ion: 99 Resp: 261714

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

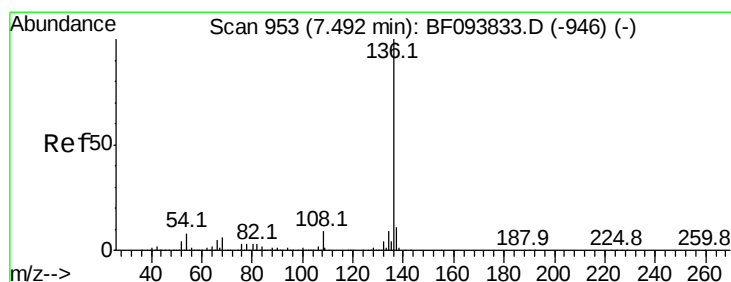
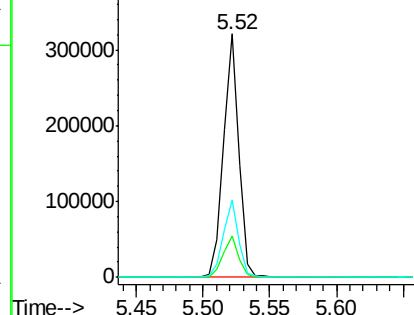
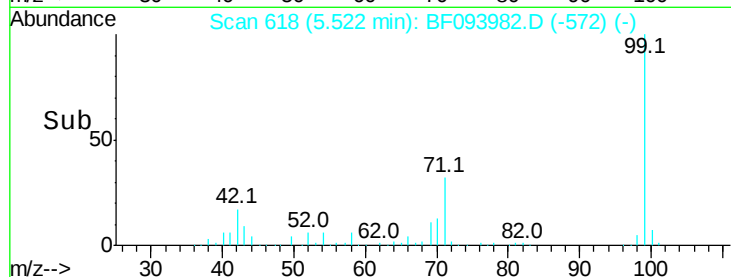
71 31.6 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Tgt Ion: 136 Resp: 686410

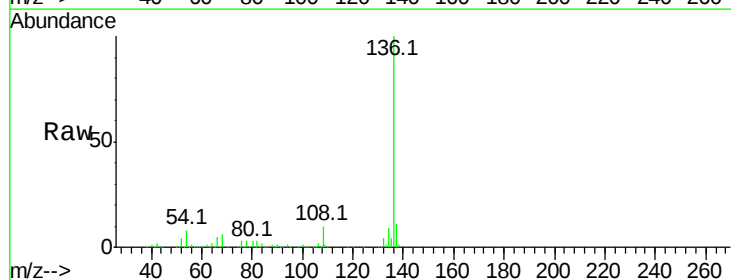
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1#

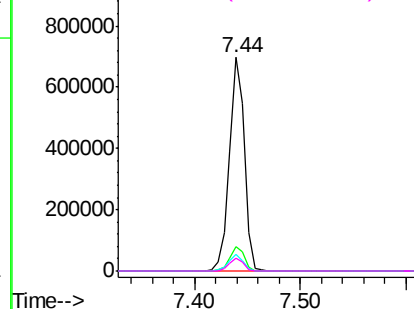
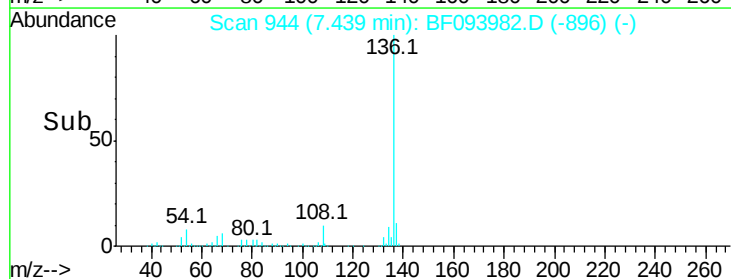


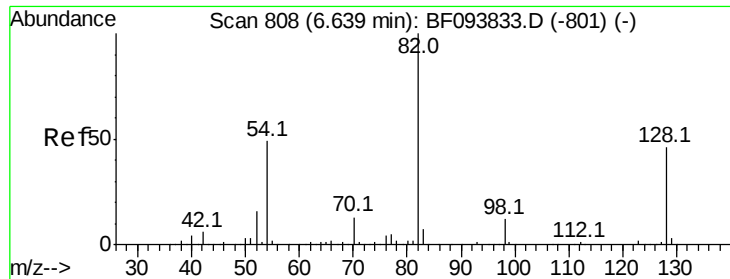
Abundance Ion 136.00 (135.70 to 136.70): E

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

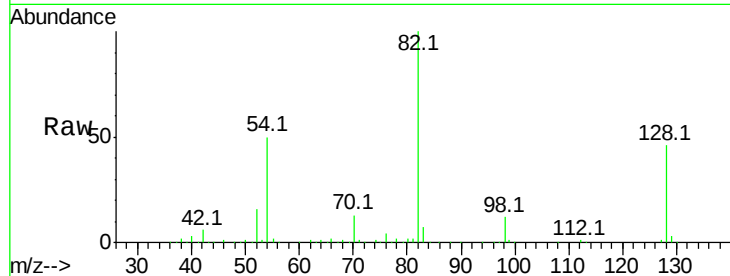




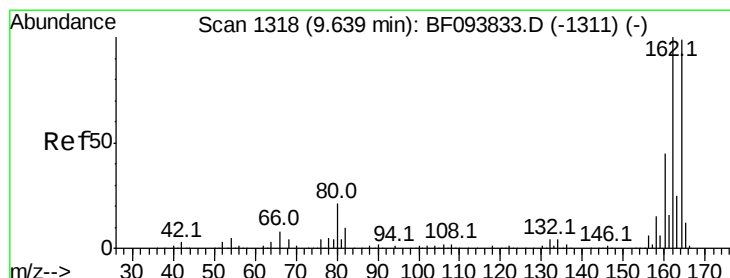
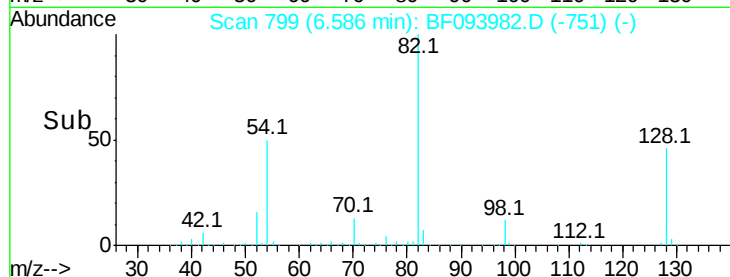
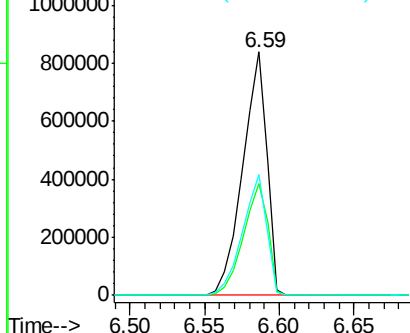
#23
Nitrobenzene-d5
Concen: 78.26 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :
032417-PRRT-F-U-M

Tot Ion	82	Resp	941258
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	49.5	42.2	63.2

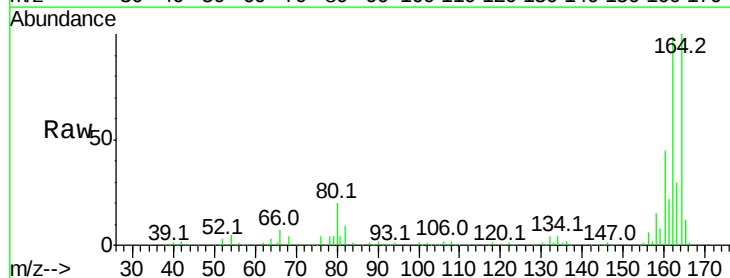


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

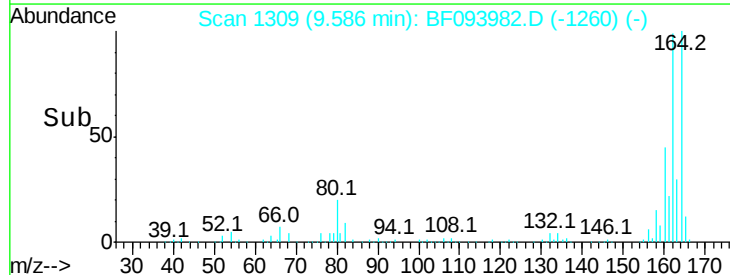
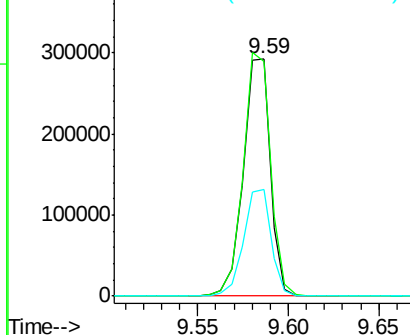


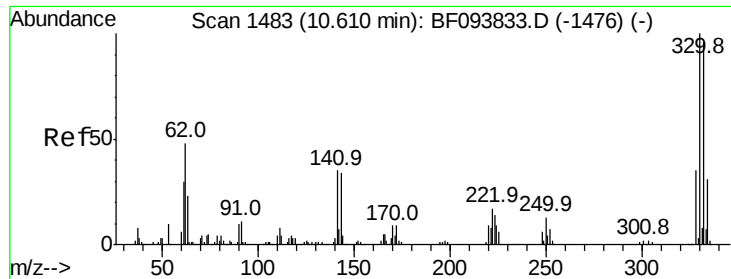
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion	164	Resp	301841
Ion Ratio	Lower	Upper	
164	100		
162	98.7	82.6	123.8
160	44.8	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: 70.03 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Instrument :

BNA_F

ClientSampleId :

032417-PRRT-F-U-M

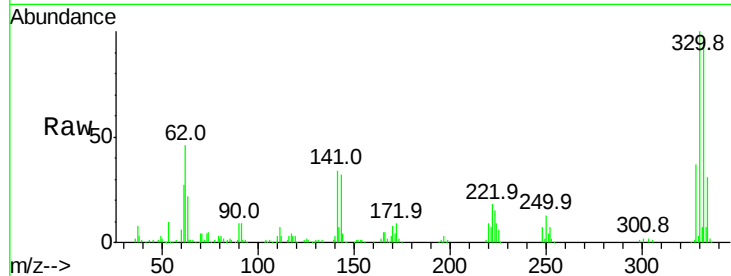
Tot Ion:330 Resp: 167044

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

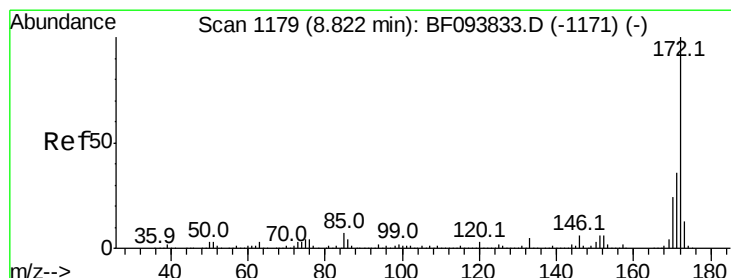
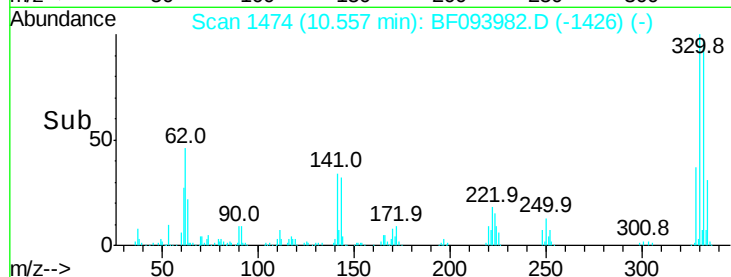
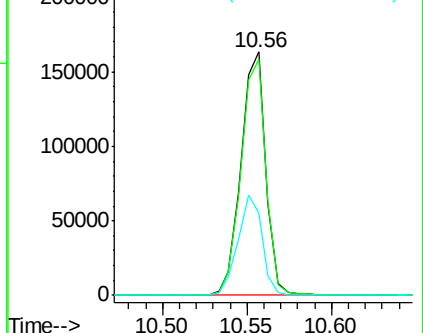
141 40.5 31.4 47.2



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: 82.53 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

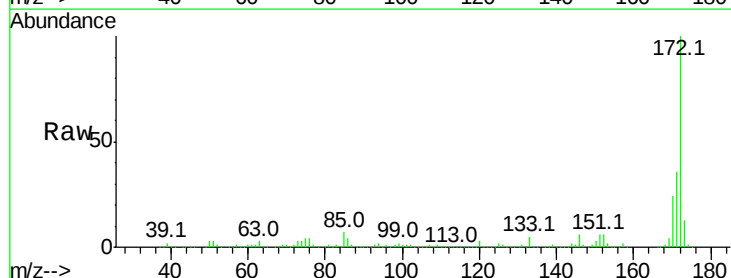
Tgt Ion:172 Resp: 1633316

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

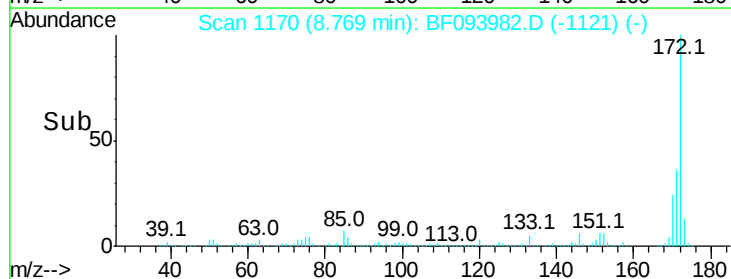
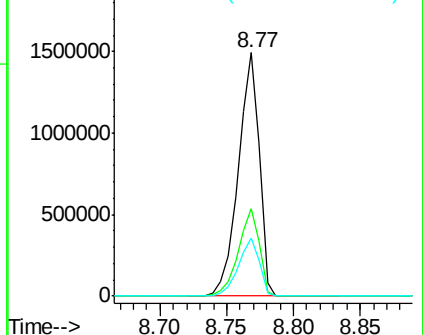
170 23.9 19.8 29.8

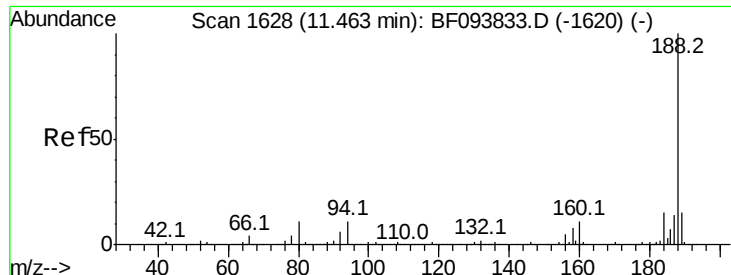


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Instrument :

BNA_F

ClientSampleId :

032417-PRRT-F-U-M

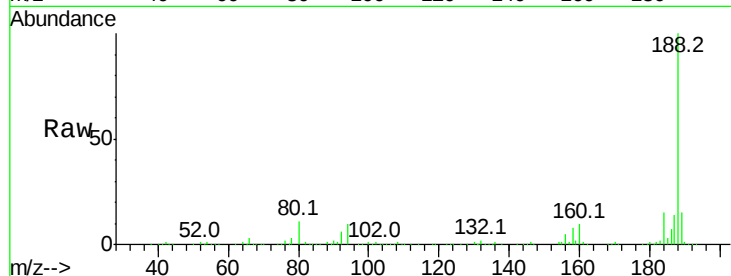
Tot Ion:188 Resp: 479544

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

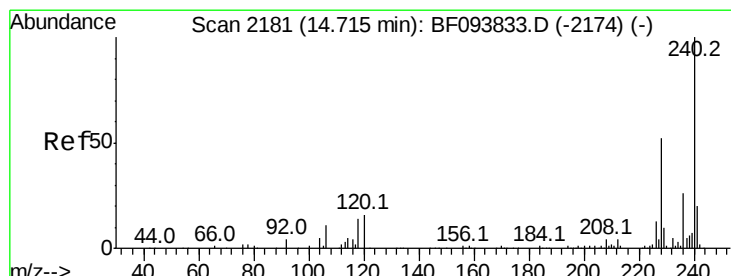
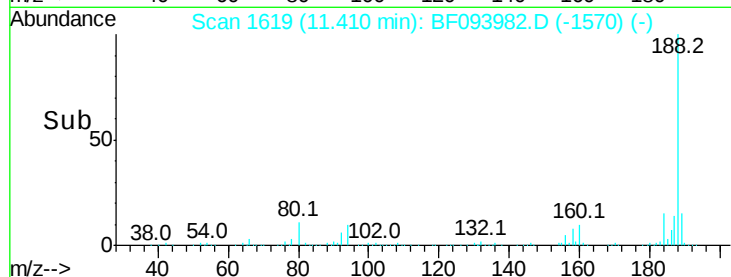
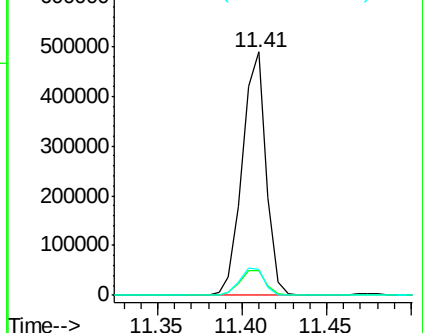
80 10.7 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

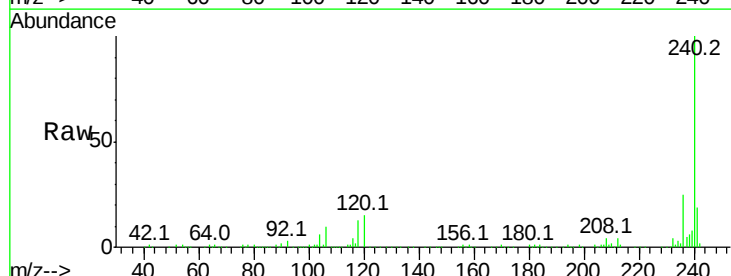
Tgt Ion:240 Resp: 307048

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

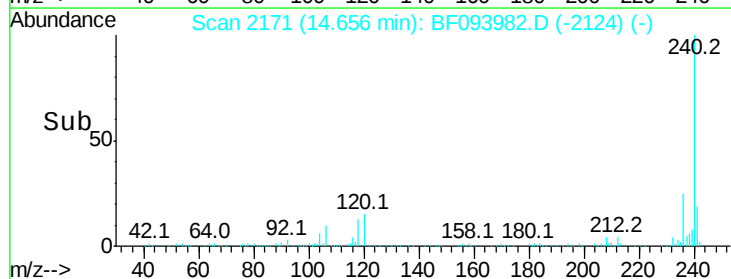
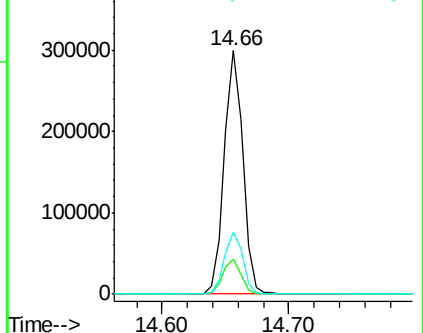
236 25.4 20.5 30.7

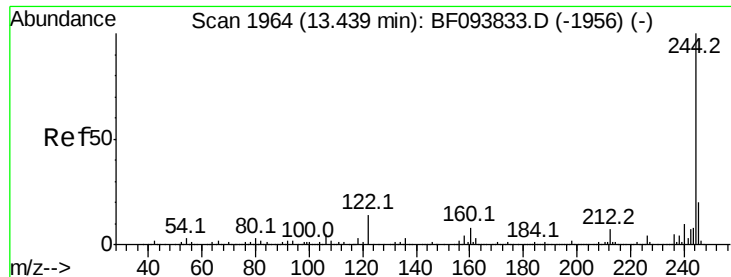


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.75 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

Instrument :

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032417-PRRT-F-U-M

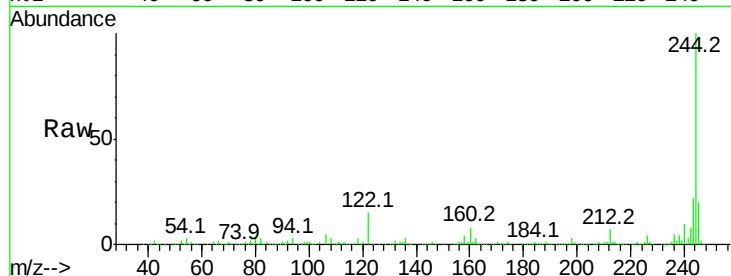
Tot Ion:244 Resp: 1010293

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

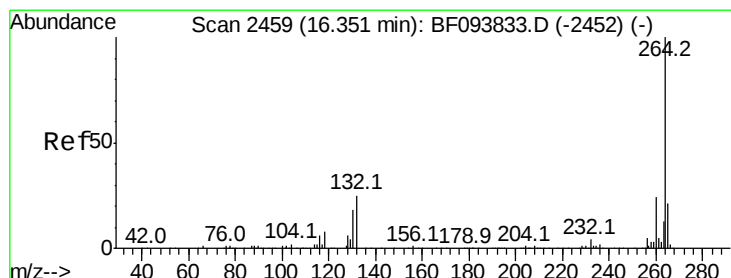
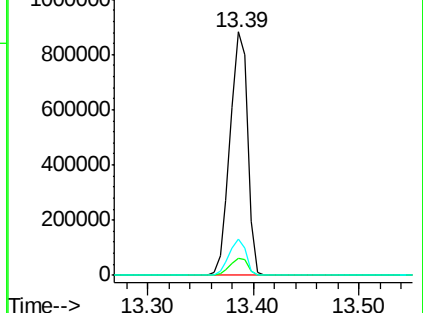
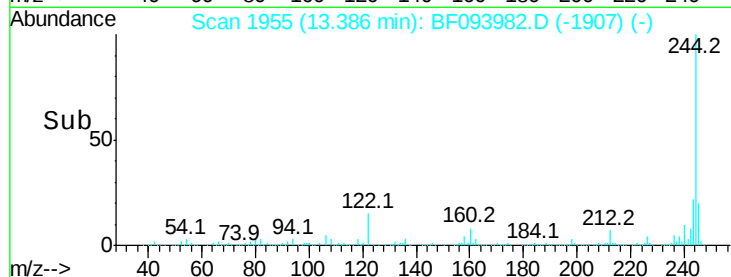
122 15.0 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093982.D

Acq: 28 Mar 2017 9:47

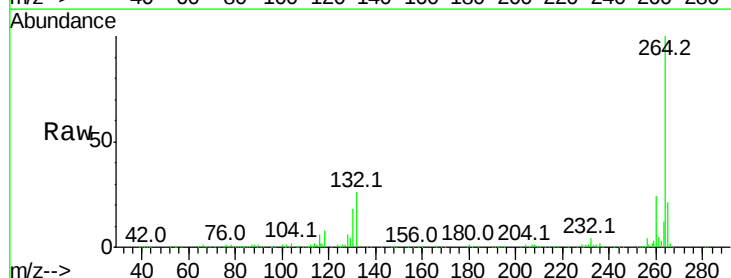
Tgt Ion:264 Resp: 270551

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.0 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

