

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093979.D
 Acq On : 28 Mar 2017 8:24
 Operator : SJ/MA
 Sample : I2387-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032317-PRRT-E-U-M

Quant Time: Mar 28 13:31:06 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	175760	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	696087	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	303301	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	490259	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	319974	20.00	ng	-0.02
86) Perylene-d12	16.29	264	291760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	612340	58.84	ng	-0.01
7) Phenol-d6	5.53	99	512606	39.82	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1058891	86.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	222939	93.02	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1809291	90.99	ng	-0.01
78) Terphenyl-d14	13.39	244	1251813	87.69	ng	-0.01

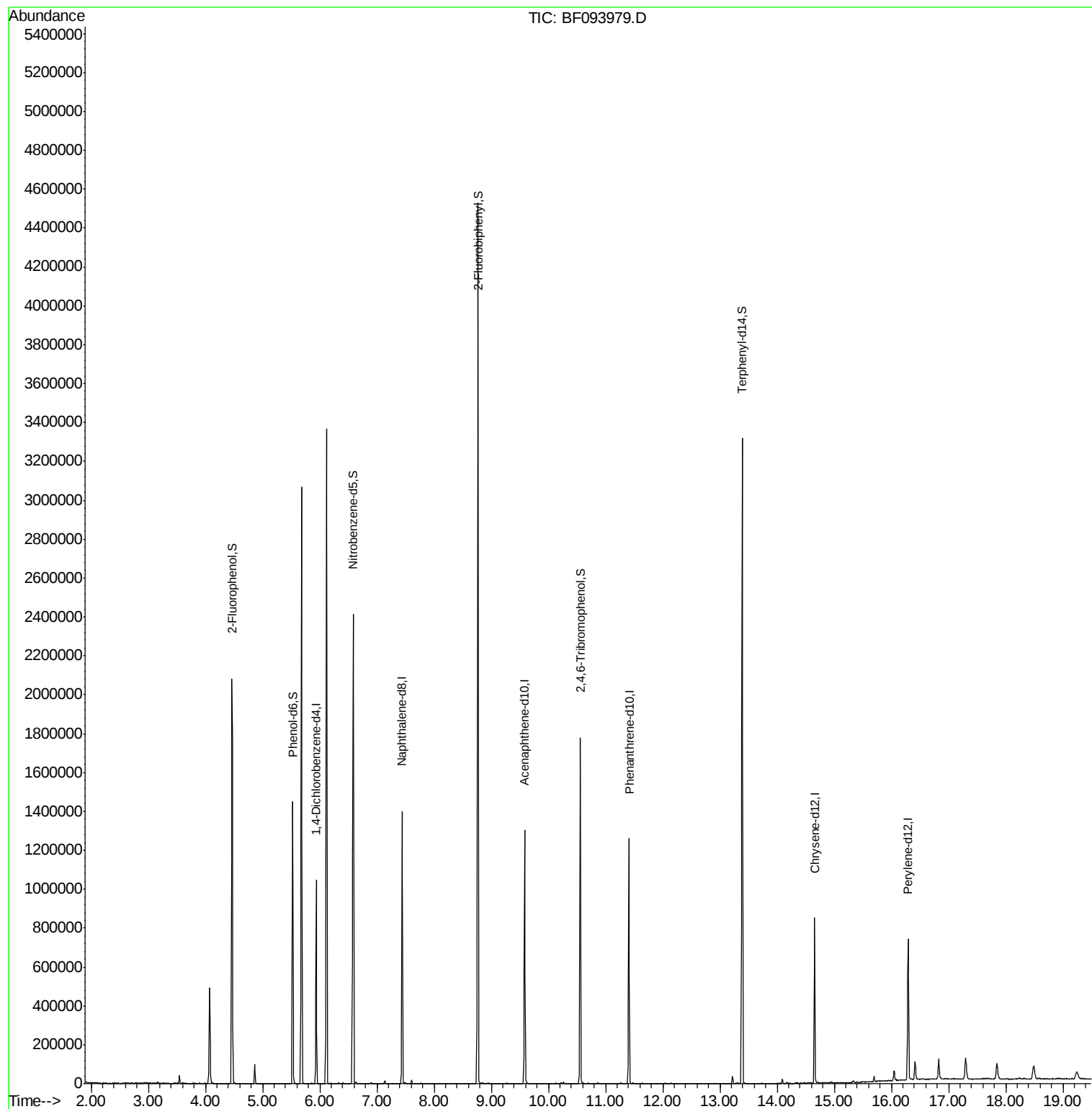
Target Compounds Qvalue

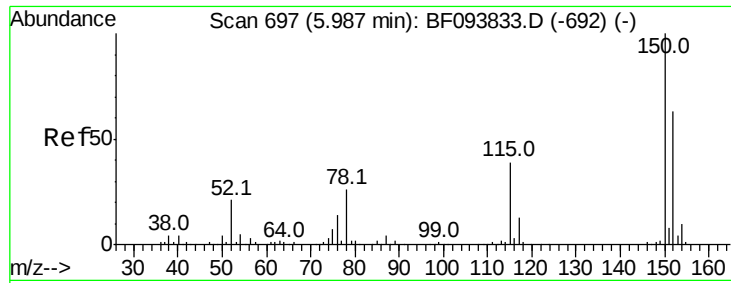
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : I2387-02
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
032317-PRRT-E-U-M

Quant Time: Mar 28 13:31:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-U-M

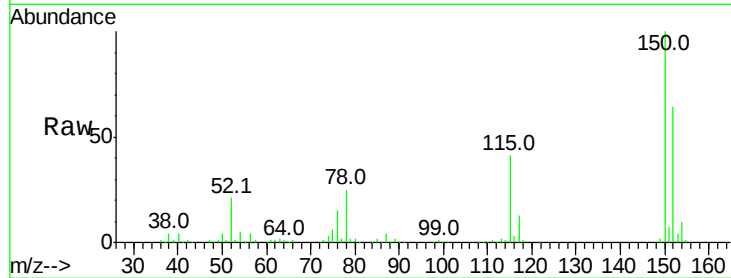
Tot Ion:152 Resp: 175760

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

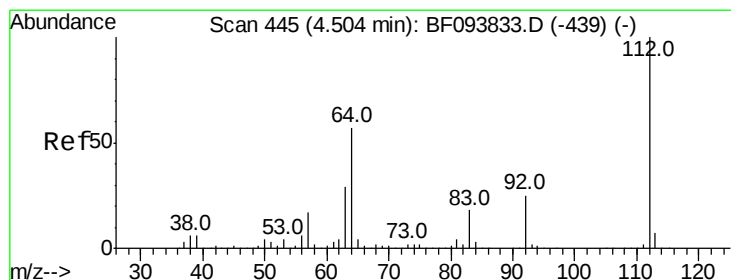
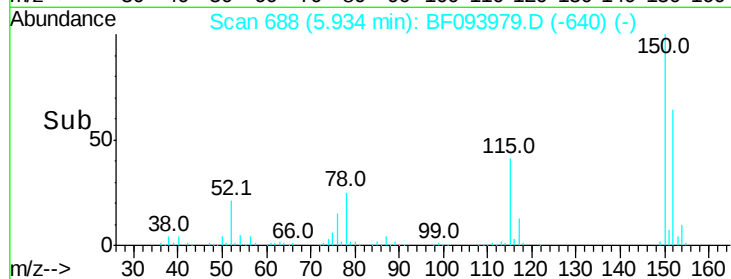
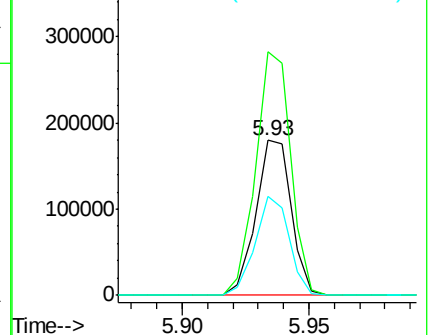
115 63.9 52.2 78.2



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: 58.84 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

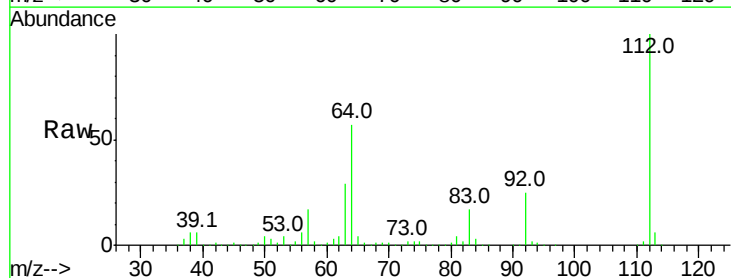
Tgt Ion:112 Resp: 612340

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

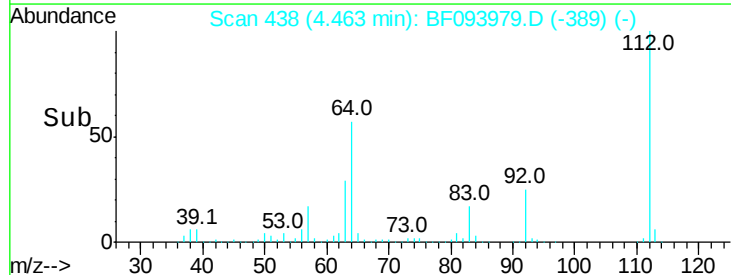
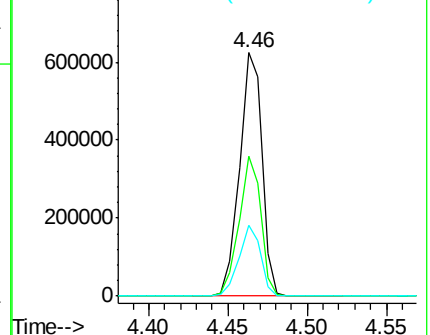
63 28.9 23.4 35.0

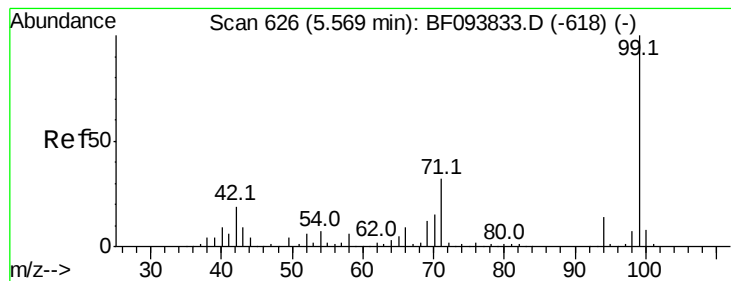


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.82 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-U-M

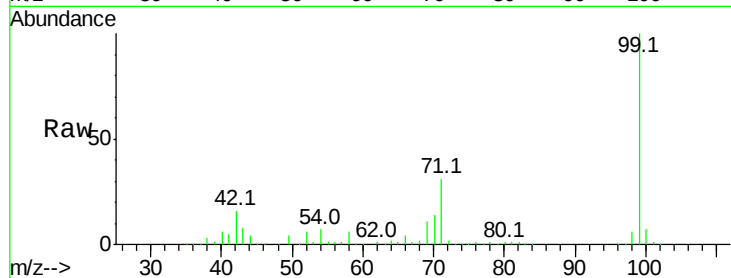
Tot Ion: 99 Resp: 512606

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

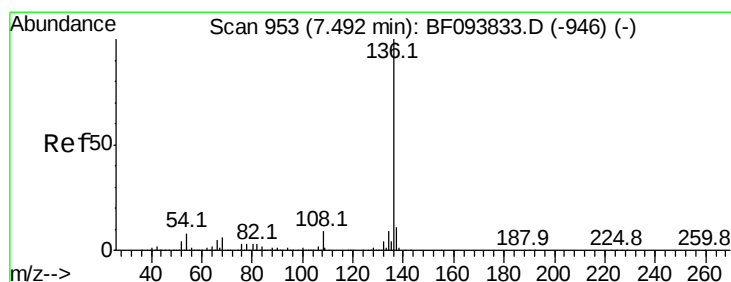
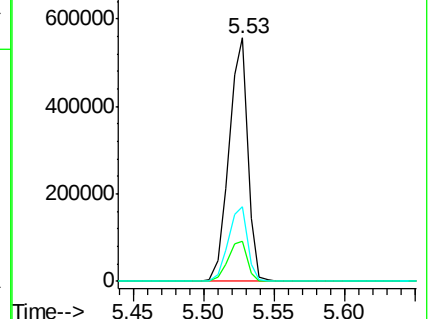
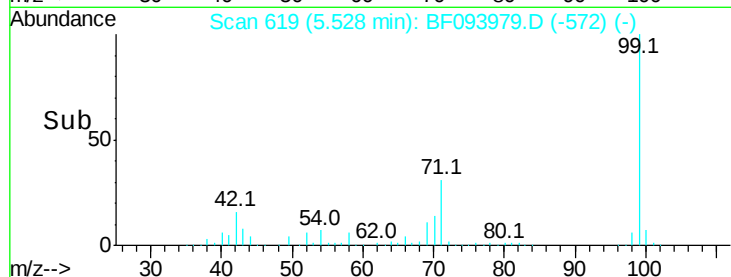
71 30.7 24.5 36.7



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: BF093979.D

Acq: 28 Mar 2017 8:24

Tgt Ion: 136 Resp: 696087

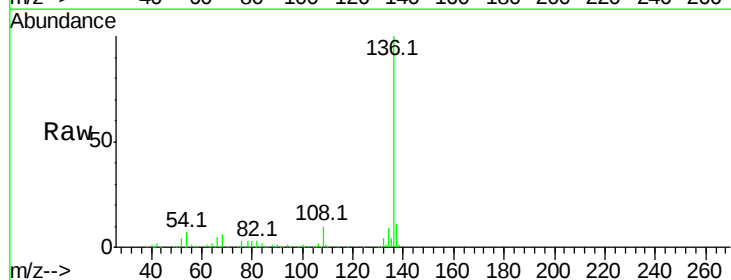
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 6.0 4.1 6.1

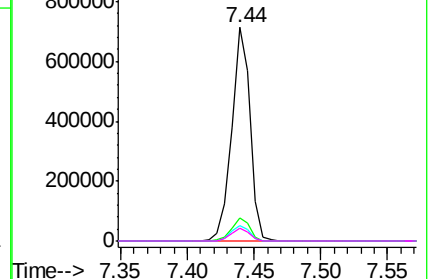
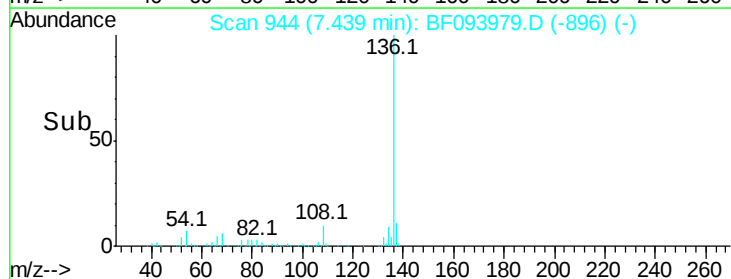


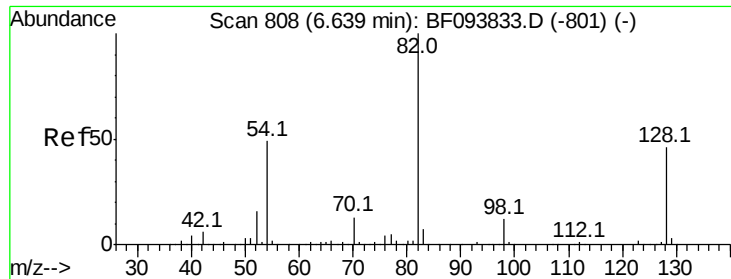
Abundance Ion 136.00 (135.70 to 136.70): E

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

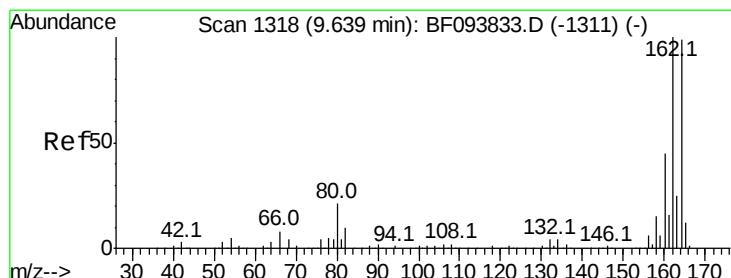
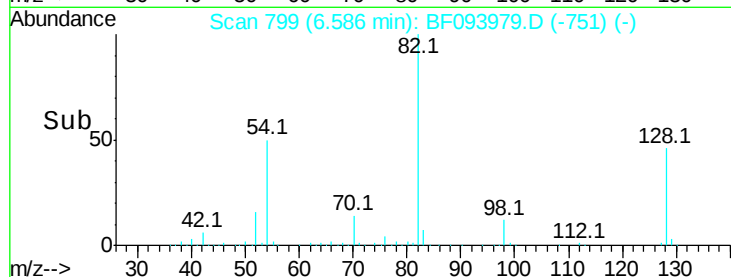
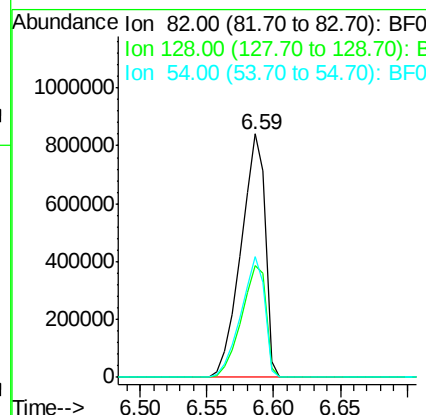
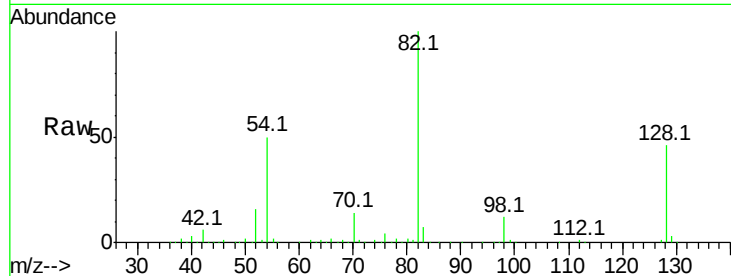




#23
Nitrobenzene-d5
Concen: 86.81 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

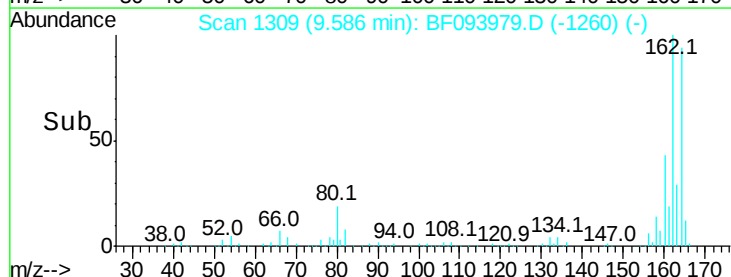
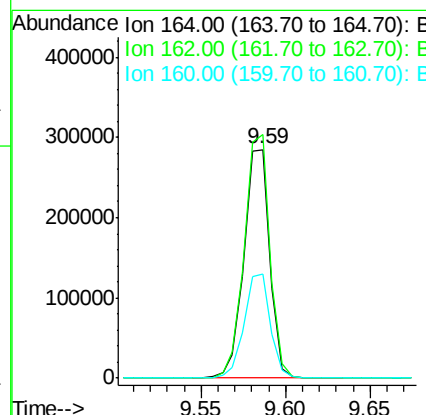
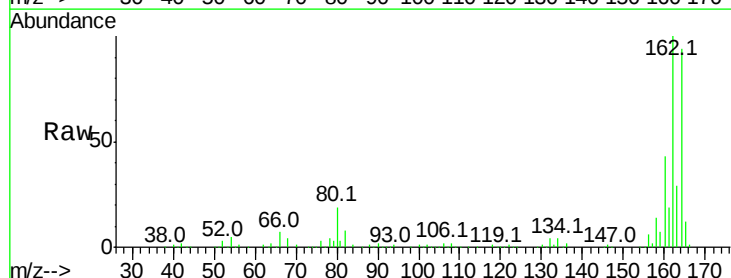
Instrument :
BNA_F
ClientSampleId :
032317-PRRT-E-U-M

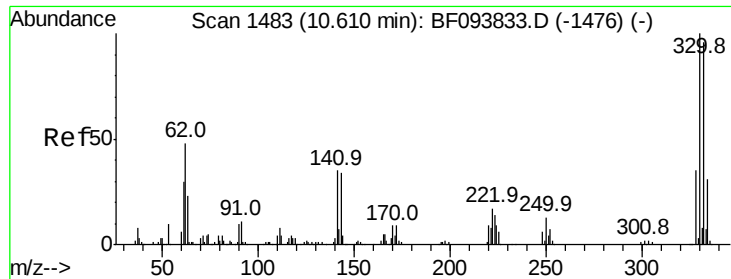
Tot Ion: 82 Resp: 1058891
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 49.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:164 Resp: 303301
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 45.8 36.2 54.2

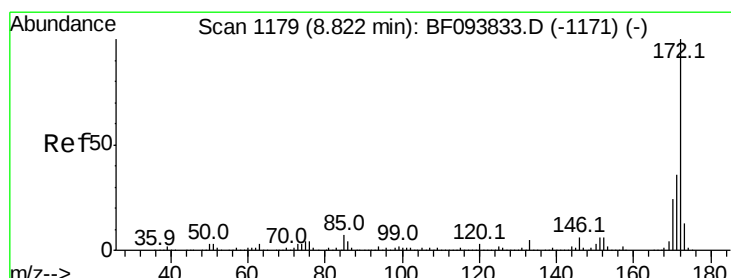
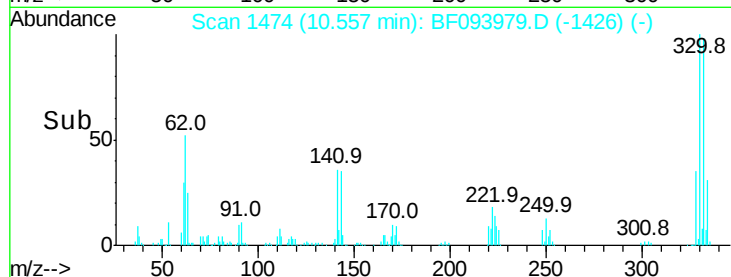
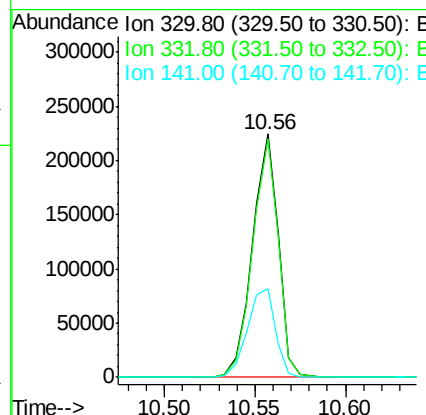
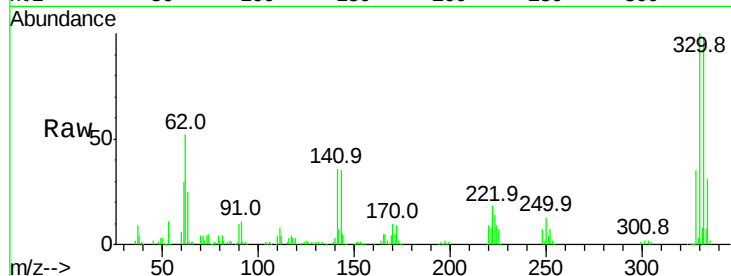




#41
 2,4,6-Tribromophenol
 Concen: 93.02 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093979.D
 Acq: 28 Mar 2017 8:24

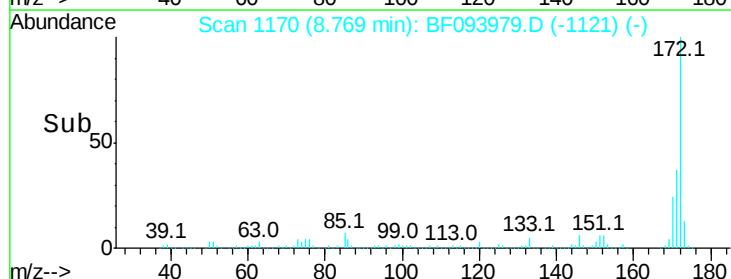
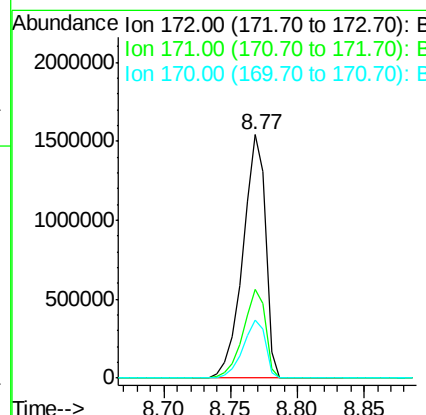
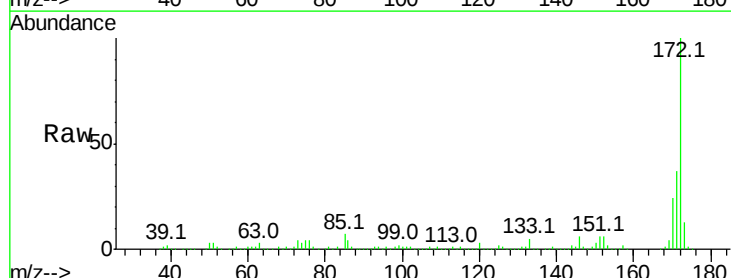
Instrument :
 BNA_F
 ClientSampleId :
 032317-PRRT-E-U-M

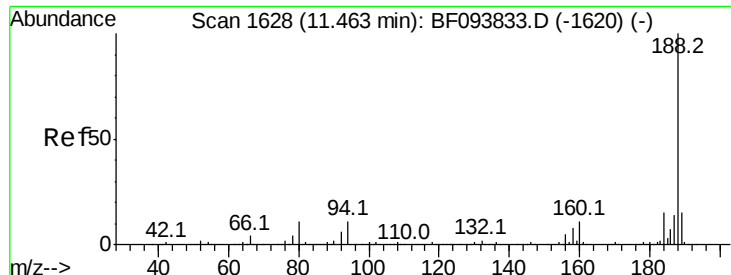
Tot Ion:330 Resp: 222939
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 90.99 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093979.D
 Acq: 28 Mar 2017 8:24

Tgt Ion:172 Resp: 1809291
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.8 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-U-M

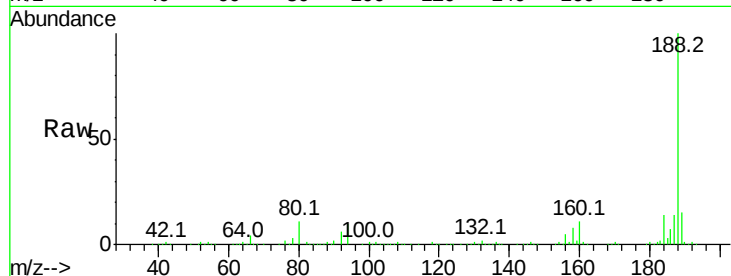
Tot Ion:188 Resp: 490259

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

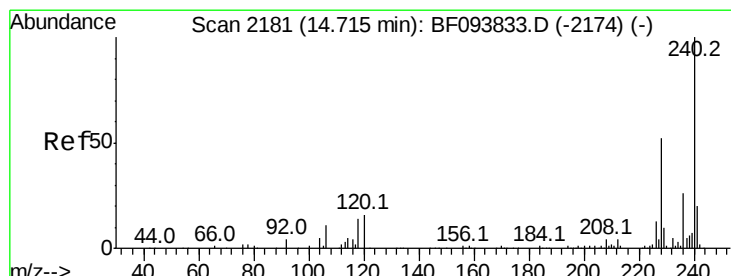
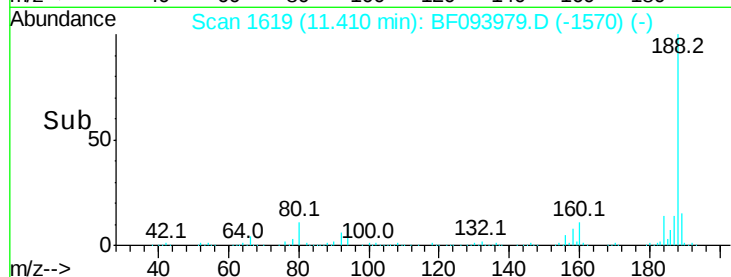
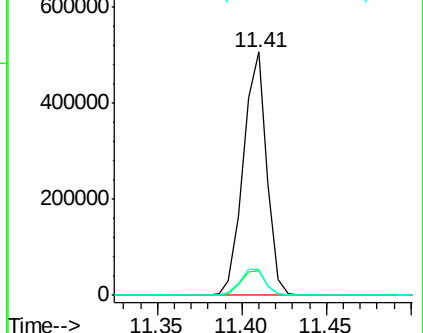
80 10.7 10.2 15.2



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: BF093979.D

Acq: 28 Mar 2017 8:24

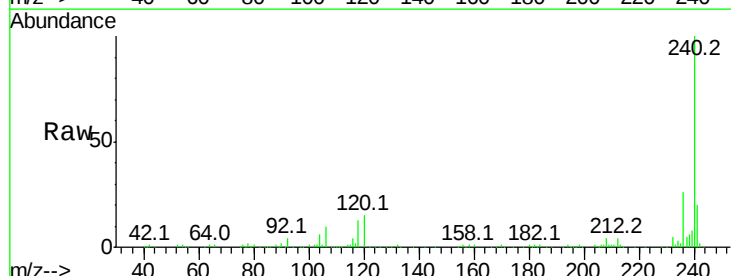
Tgt Ion:240 Resp: 319974

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

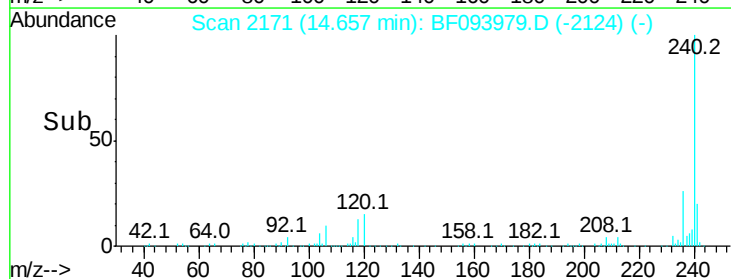
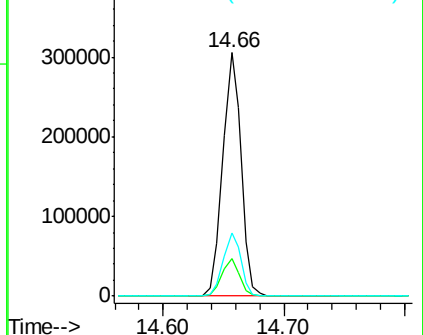
236 25.8 20.5 30.7

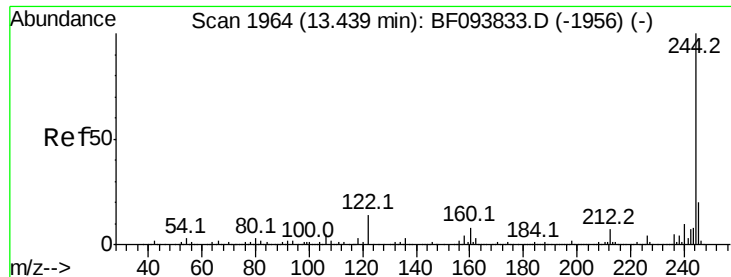


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.69 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-U-M

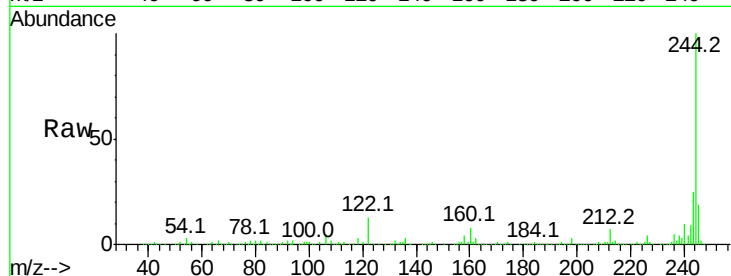
Tot Ion:244 Resp: 1251813

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

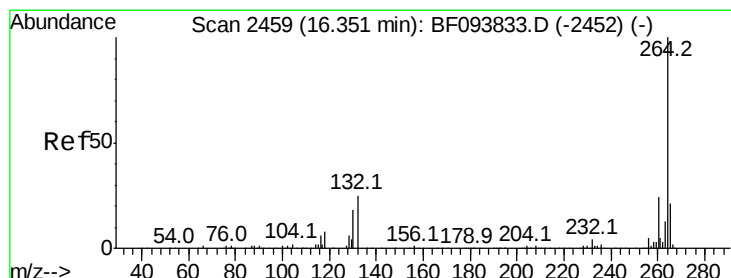
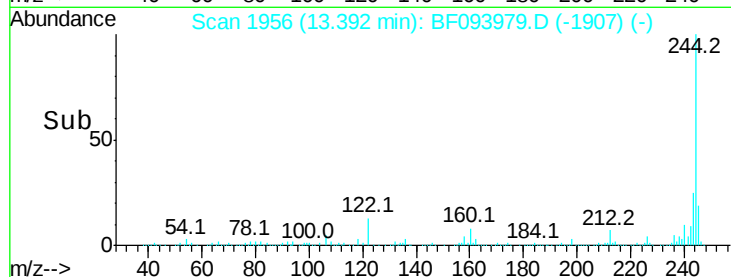
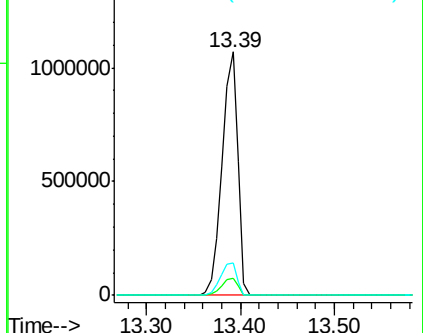
122 13.5 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093979.D

Acq: 28 Mar 2017 8:24

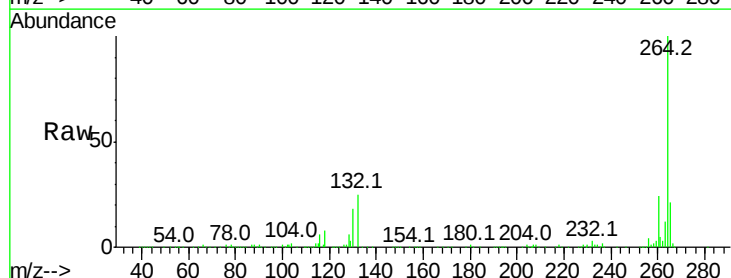
Tgt Ion:264 Resp: 291760

Ion Ratio Lower Upper

264 100

260 23.6 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

