

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093978.D
 Acq On : 28 Mar 2017 7:57
 Operator : SJ/MA
 Sample : I2387-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 28 08:18:09 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	5.94	152	166974	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	661929	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	294180	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	472911	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	301492	20.00	ng	-0.02
86) Perylene-d12	16.29	264	276302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	600827	60.78	ng	0.00
7) Phenol-d6	5.53	99	489249	40.00	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1048387	90.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	228455	98.27	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1795541	93.10	ng	-0.01
78) Terphenyl-d14	13.39	244	1242498	92.38	ng	-0.01

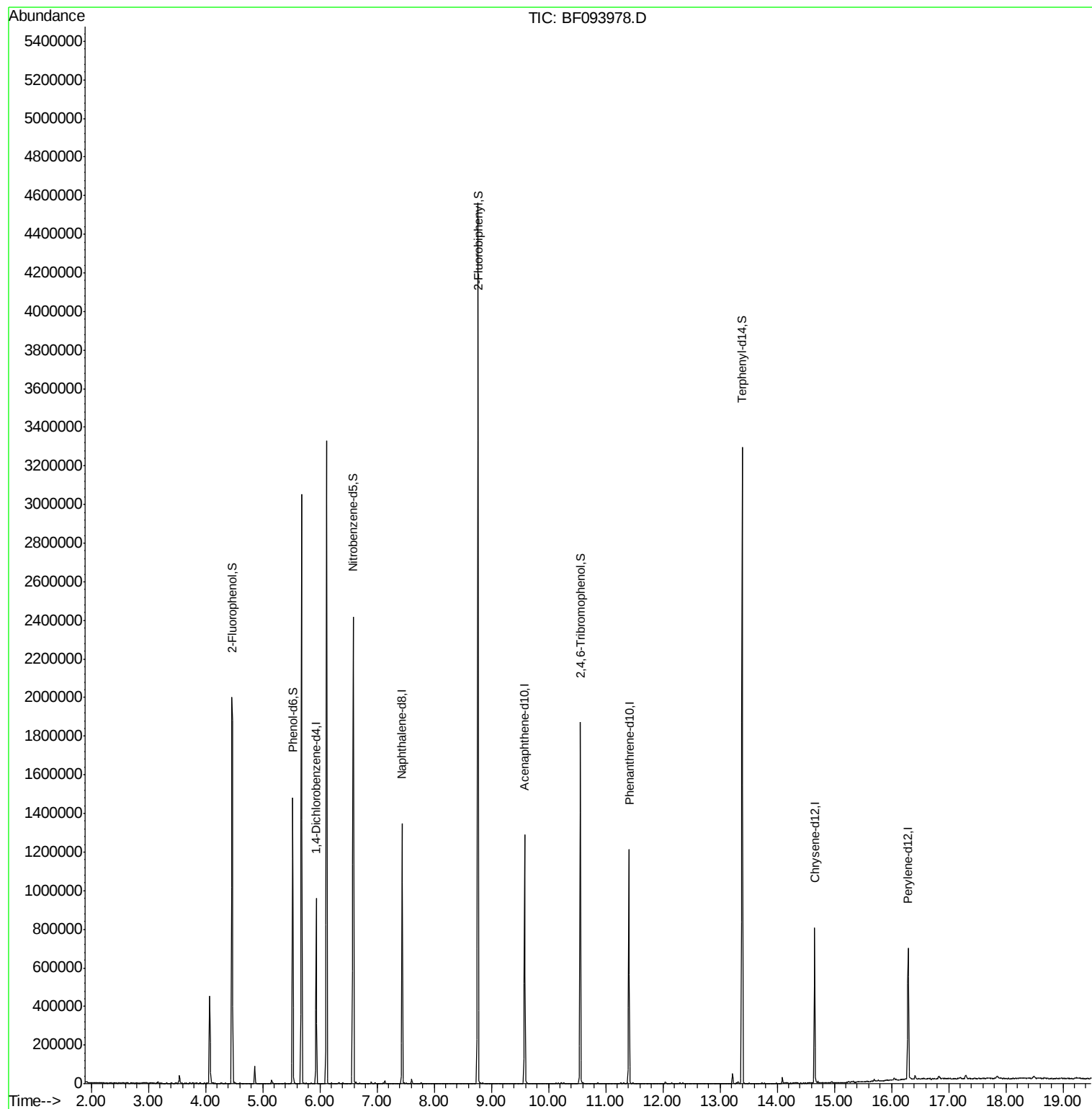
Target Compounds Qvalue

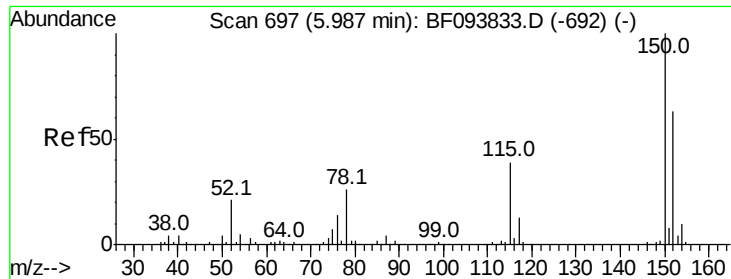
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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032317-PRRT-E-D-M

Quant Time: Mar 28 08:18:09 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: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093978.D

Acq: 28 Mar 2017 7:57

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-D-M

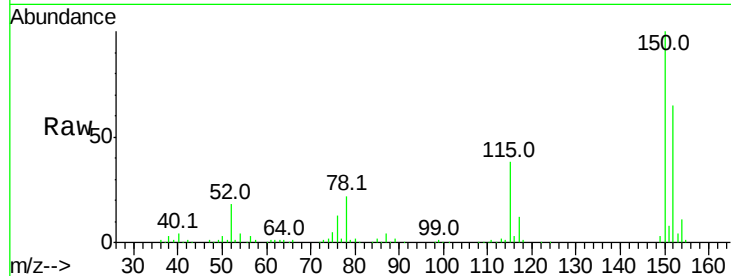
Tot Ion:152 Resp: 166974

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

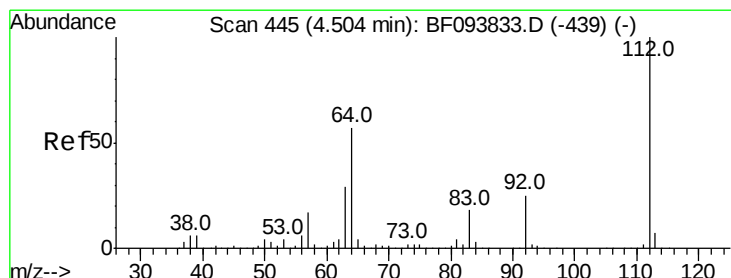
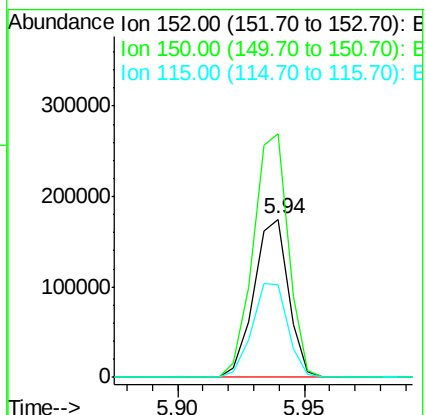
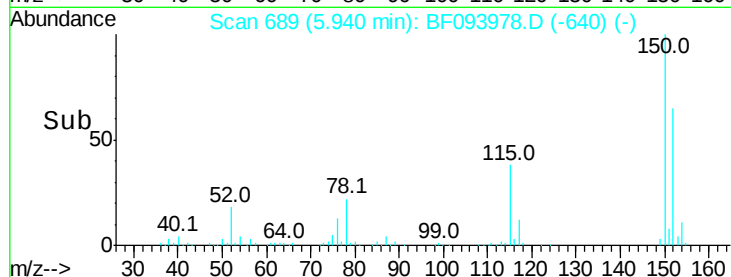
115 58.6 52.2 78.2



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: 60.78 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093978.D

Acq: 28 Mar 2017 7:57

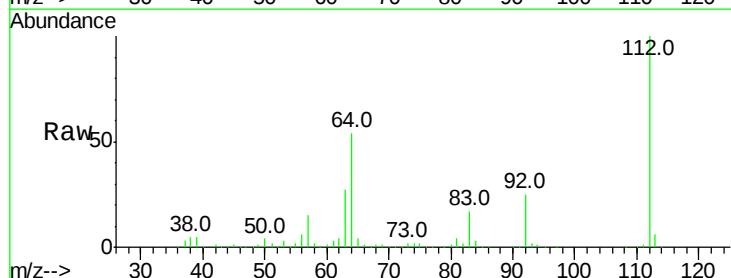
Tgt Ion:112 Resp: 600827

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

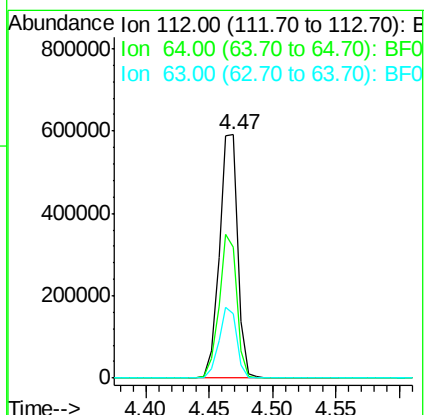
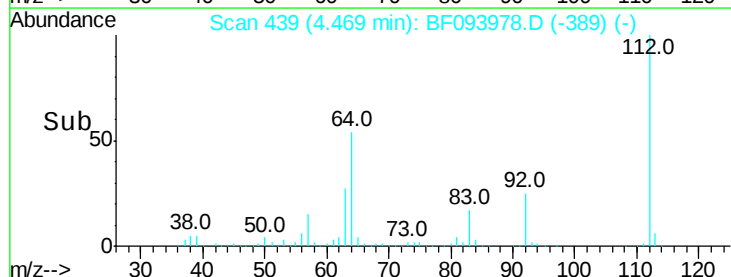
63 26.5 23.4 35.0

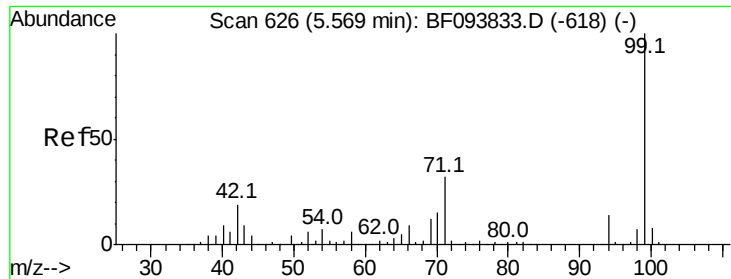


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.00 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093978.D

Acq: 28 Mar 2017 7:57

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-D-M

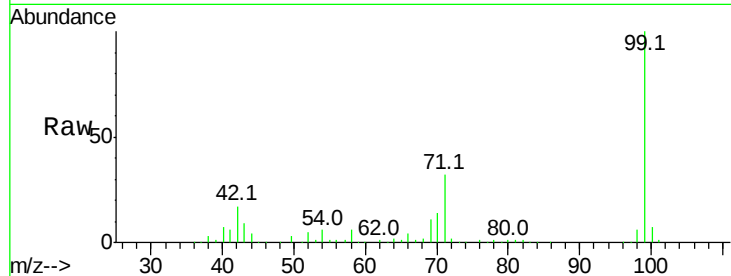
Tot Ion: 99 Resp: 489249

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

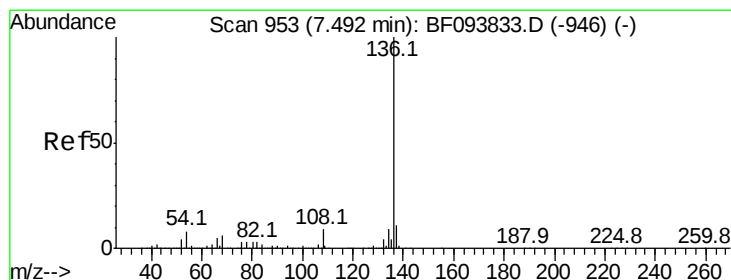
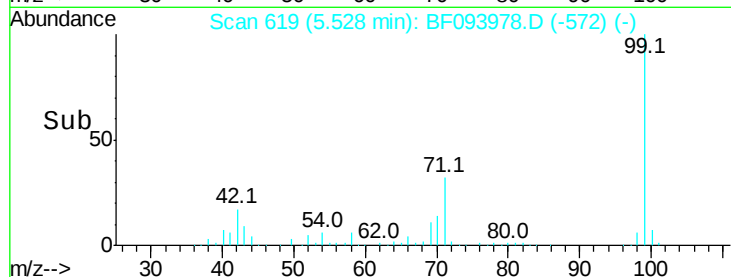
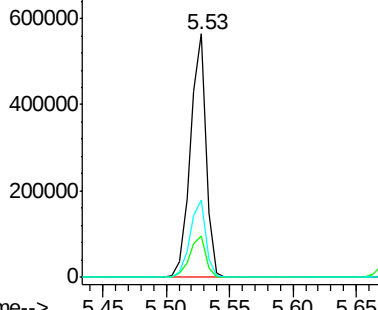
71 31.9 24.5 36.7



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: BF093978.D

Acq: 28 Mar 2017 7:57

Tgt Ion: 136 Resp: 661929

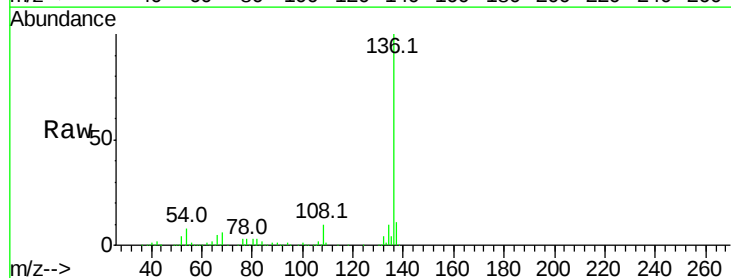
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 6.1 4.1 6.1

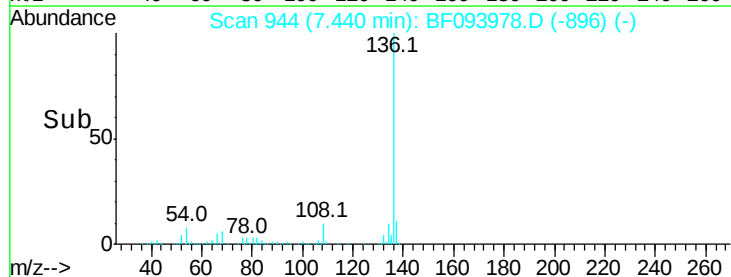
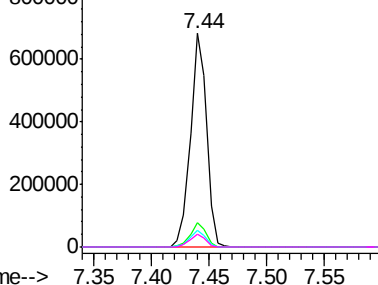


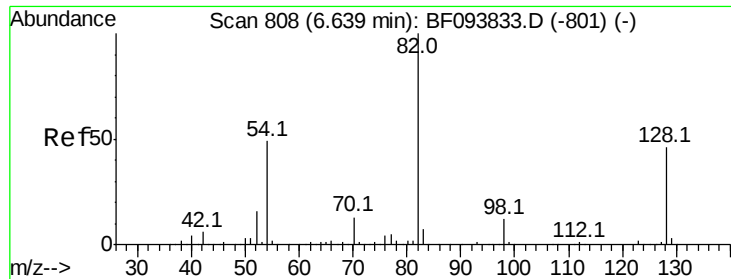
Abundance Ion 136.00 (135.70 to 136.70): E

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



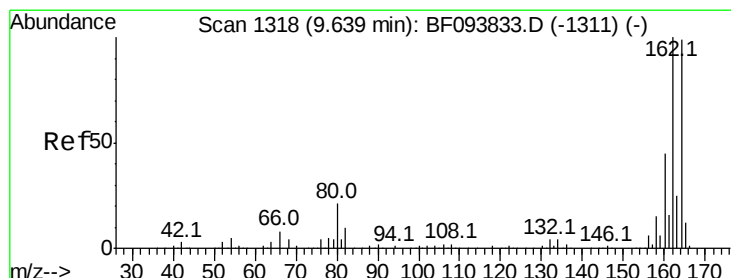
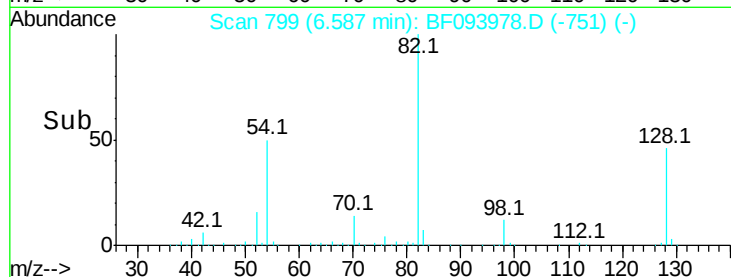
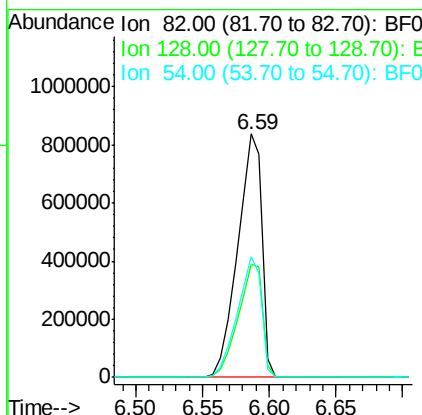
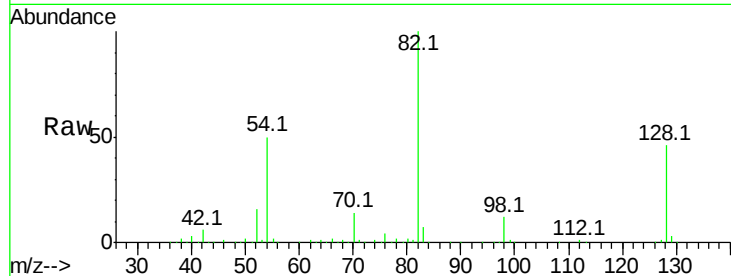


#23
 Nitrobenzene-d5
 Concen: 90.39 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093978.D
 Acq: 28 Mar 2017 7:57

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

Tot Ion: 82 Resp: 1048387

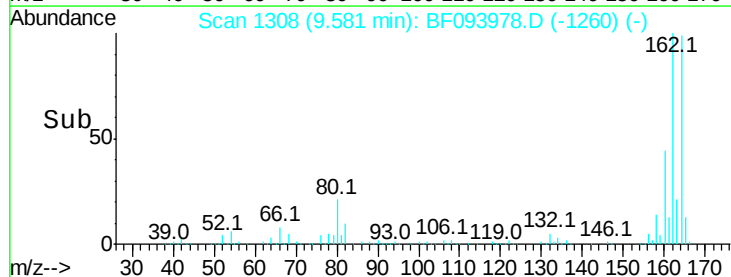
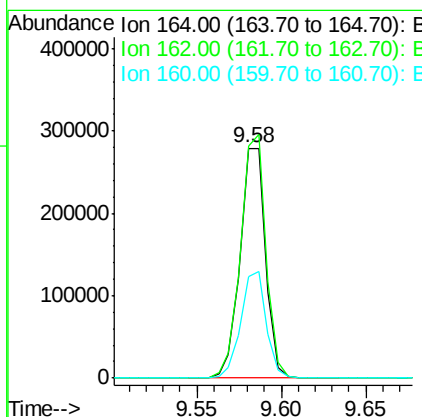
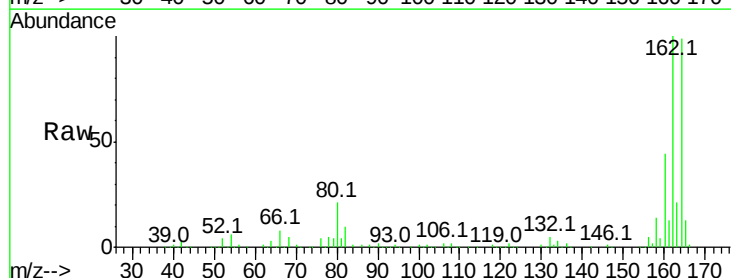
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	49.6	42.2	63.2

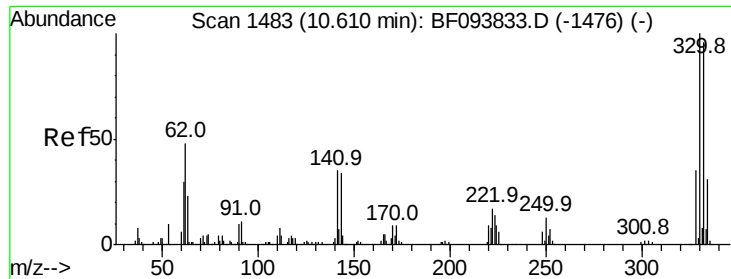


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093978.D
 Acq: 28 Mar 2017 7:57

Tgt Ion: 164 Resp: 294180

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	43.9	36.2	54.2

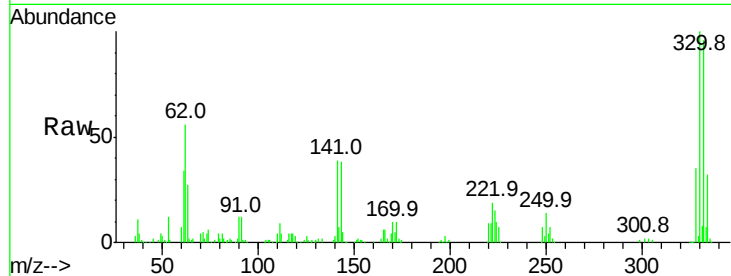




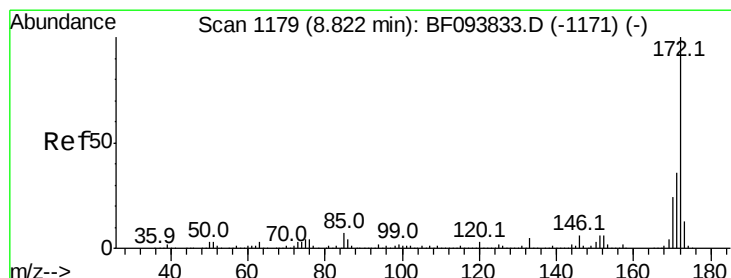
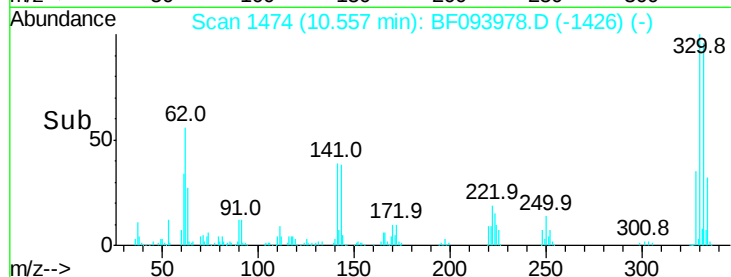
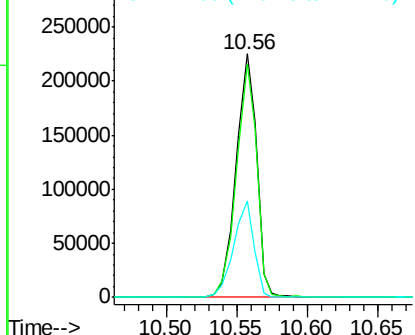
#41
 2,4,6-Tribromophenol
 Concen: 98.27 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093978.D
 Acq: 28 Mar 2017 7:57

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2

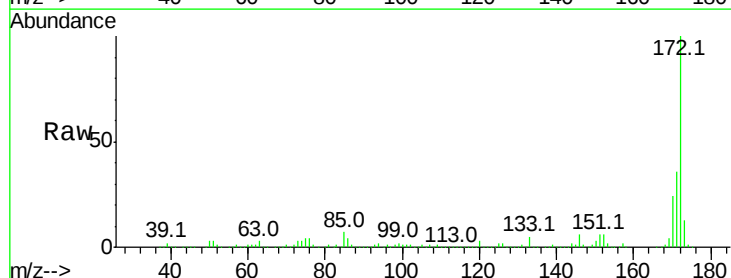


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

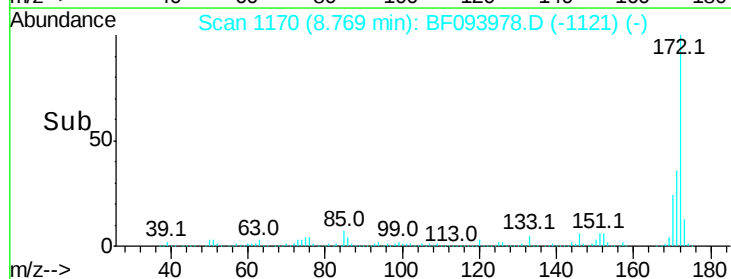
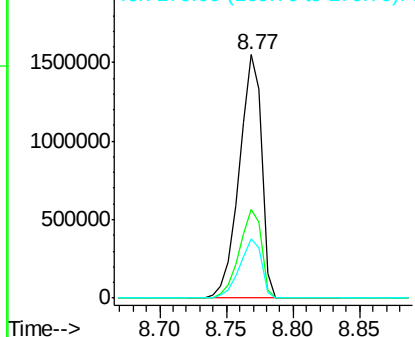


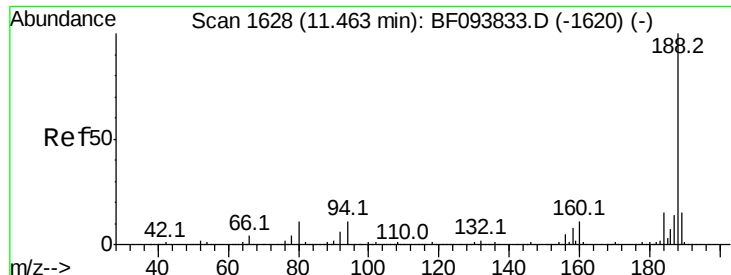
#44
 2-Fluorobiphenyl
 Concen: 93.10 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093978.D
 Acq: 28 Mar 2017 7:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093978.D

Acq: 28 Mar 2017 7:57

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-D-M

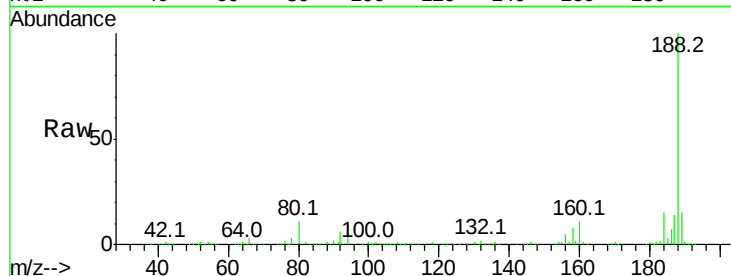
Tot Ion:188 Resp: 472911

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

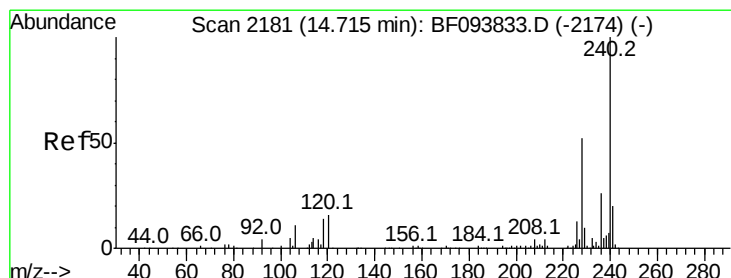
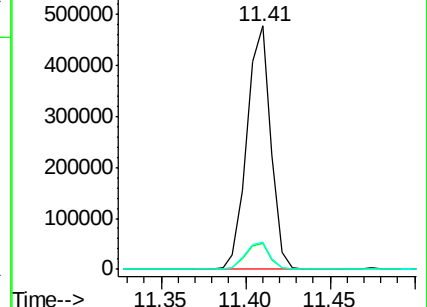
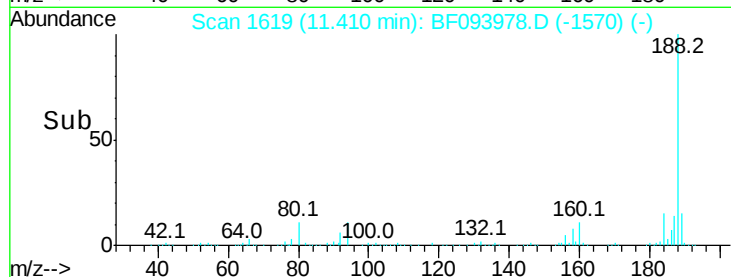
80 11.2 10.2 15.2



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: BF093978.D

Acq: 28 Mar 2017 7:57

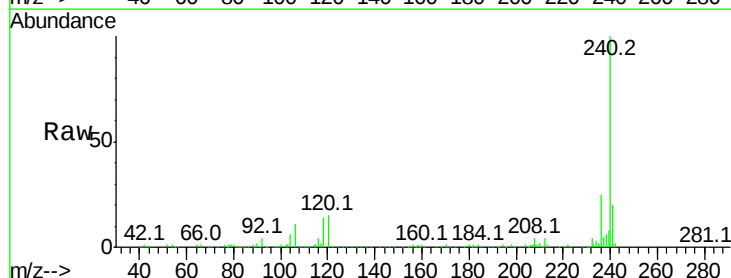
Tgt Ion:240 Resp: 301492

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

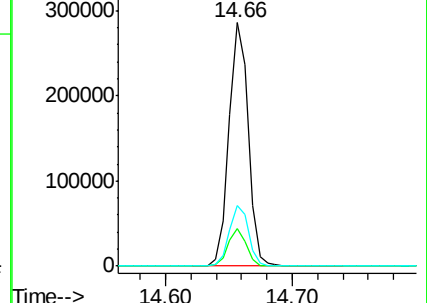
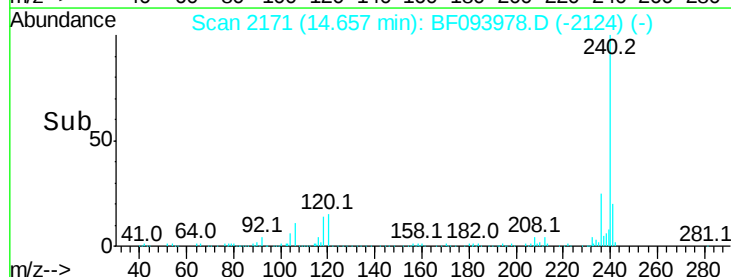
236 25.1 20.5 30.7

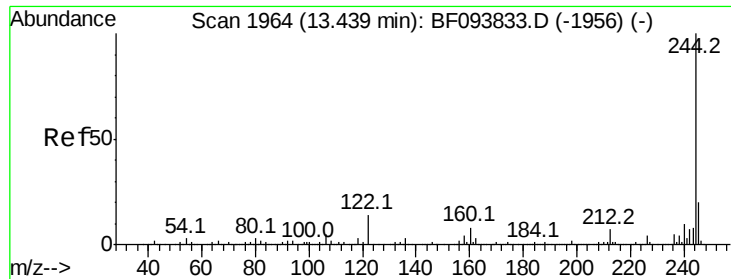


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.38 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093978.D

Acq: 28 Mar 2017 7:57

Instrument :

BNA_F

ClientSampleId :

032317-PRRT-E-D-M

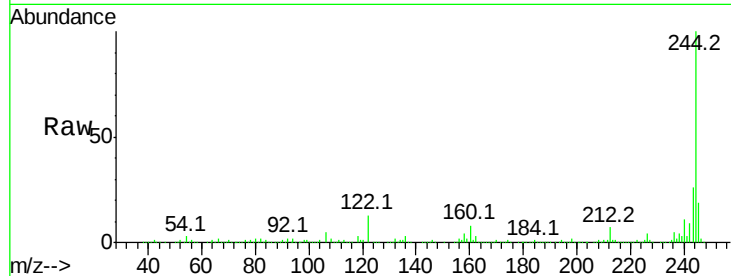
Tot Ion:244 Resp: 1242498

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

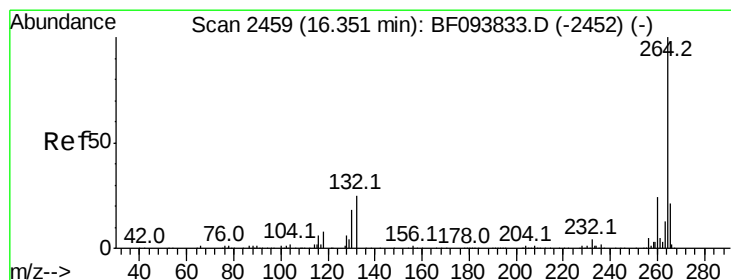
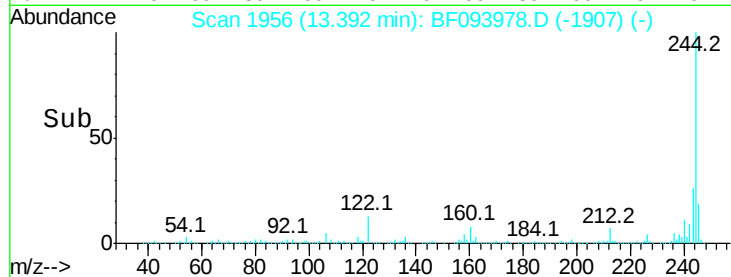
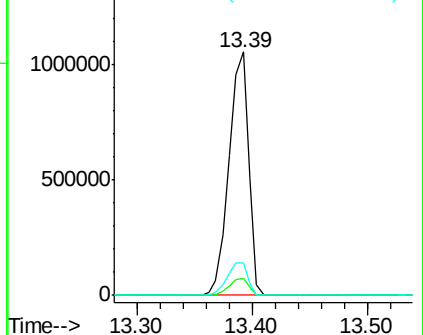
122 13.1 10.3 15.5



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: BF093978.D

Acq: 28 Mar 2017 7:57

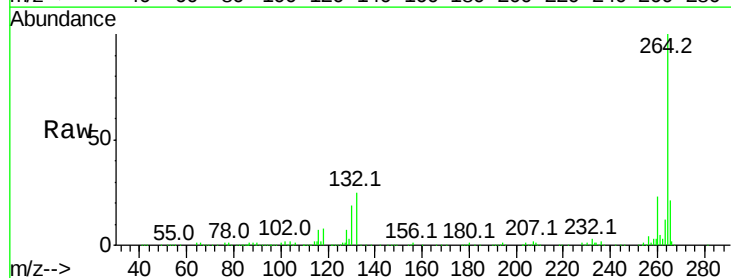
Tgt Ion:264 Resp: 276302

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.4 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

