

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093980.D
 Acq On : 28 Mar 2017 8:52
 Operator : SJ/MA
 Sample : I2388-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032217-PRRT-E-D-M

Quant Time: Mar 28 13:32:46 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	165389	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	665997	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	294554	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	476251	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	309055	20.00	ng	-0.02
86) Perylene-d12	16.29	264	272949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	174891	17.86	ng	0.00
7) Phenol-d6	5.52	99	247416	20.42	ng	-0.03
23) Nitrobenzene-d5	6.59	82	832067	71.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	81586	35.05	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1537422	79.61	ng	-0.01
78) Terphenyl-d14	13.39	244	1006223	72.98	ng	-0.02

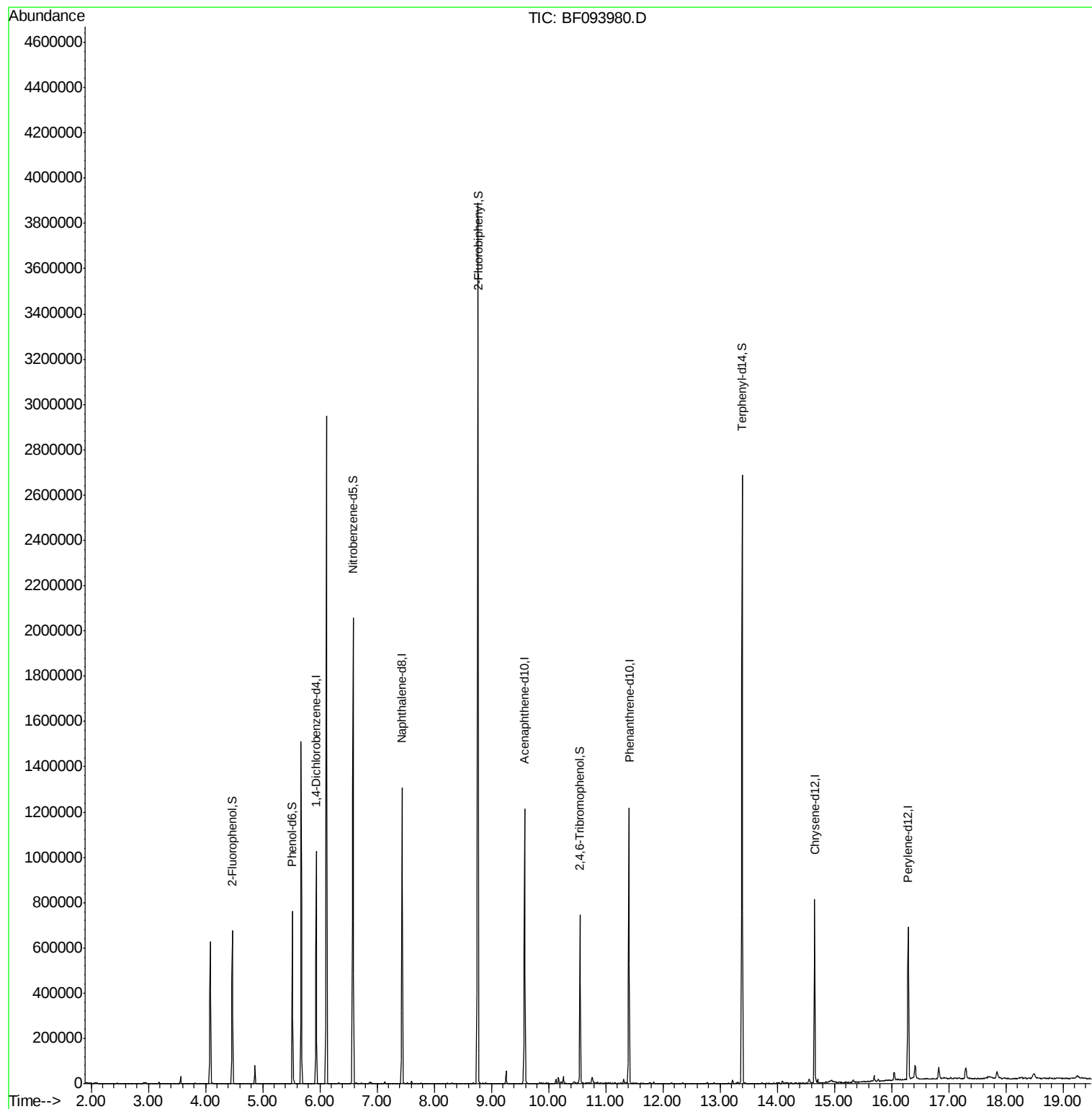
Target Compounds Qvalue

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

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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: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

032217-PRRT-E-D-M

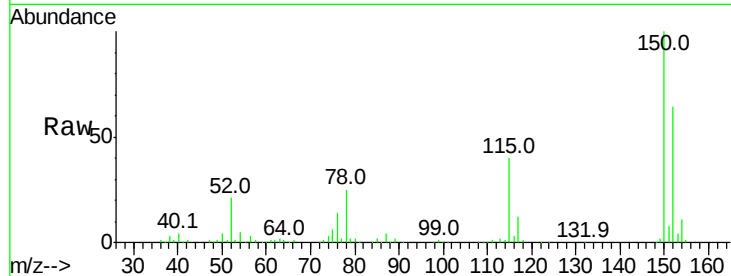
Tot Ion:152 Resp: 165389

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

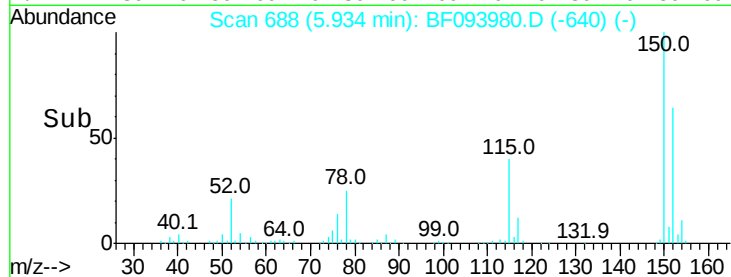
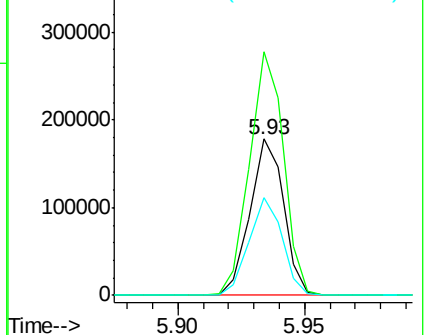
115 62.1 52.2 78.2



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: 17.86 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

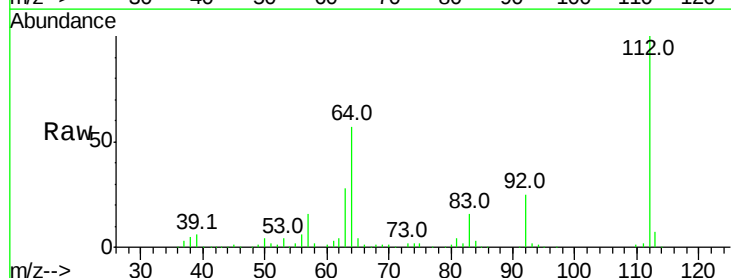
Tgt Ion:112 Resp: 174891

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

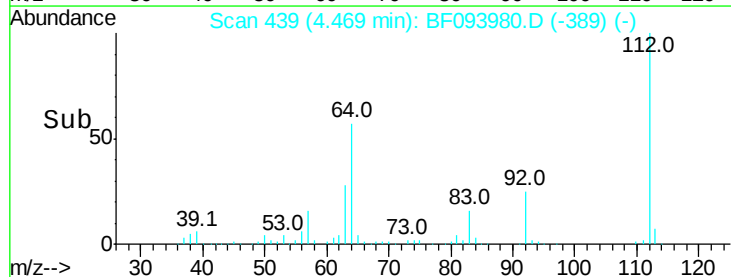
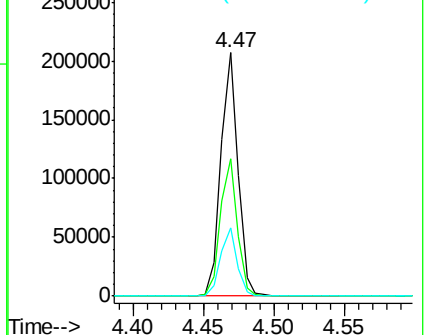
63 27.9 23.4 35.0



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: 20.42 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

032217-PRRT-E-D-M

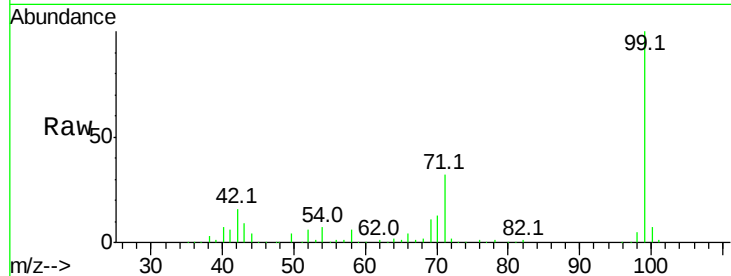
Tot Ion: 99 Resp: 247416

Ion Ratio Lower Upper

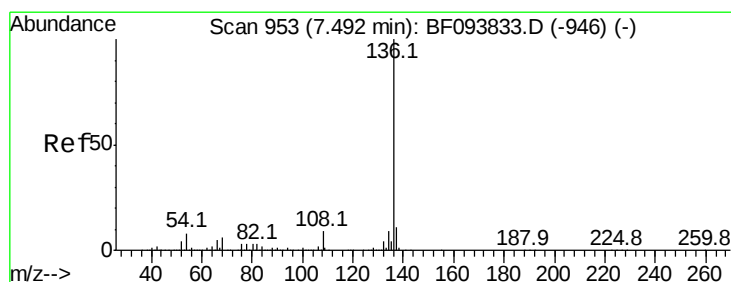
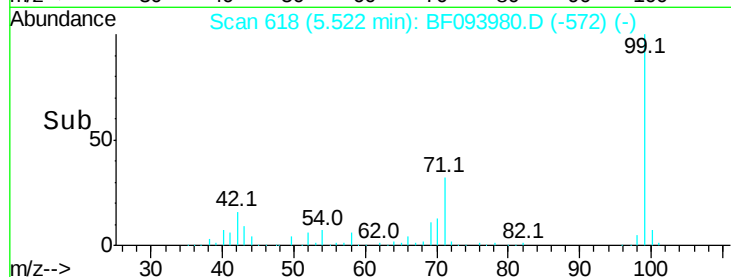
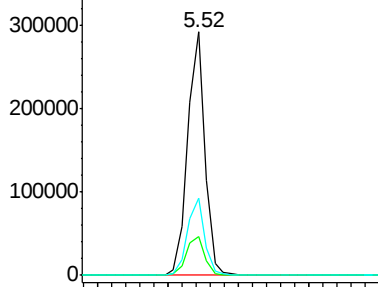
99 100

42 15.9 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: BF093980.D

Acq: 28 Mar 2017 8:52

Tgt Ion: 136 Resp: 665997

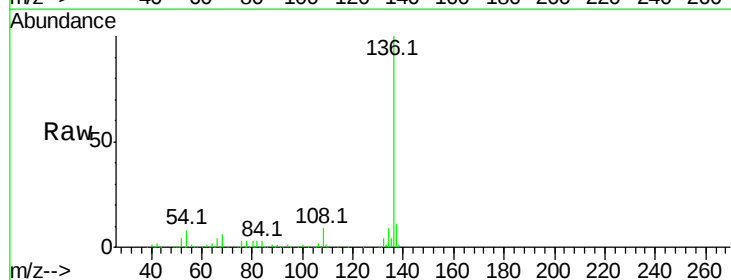
Ion Ratio Lower Upper

136 100

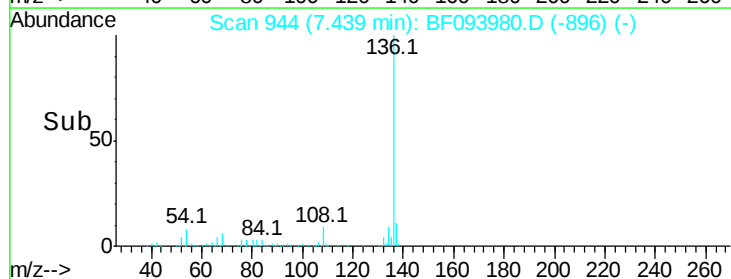
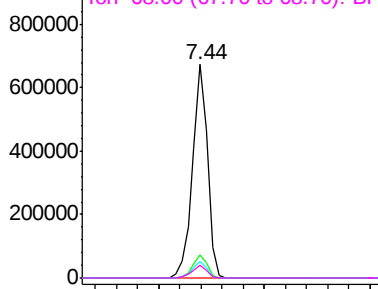
137 11.0 8.5 12.7

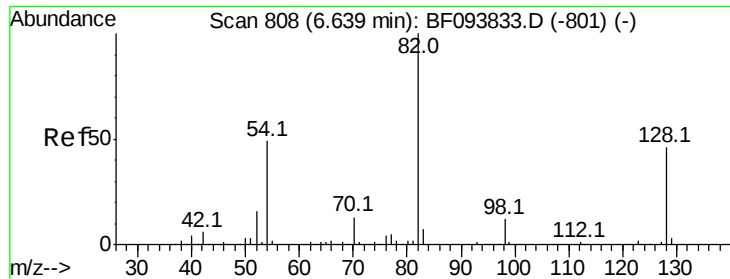
54 7.5 4.9 7.3#

68 5.9 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: 71.30 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

032217-PRRT-E-D-M

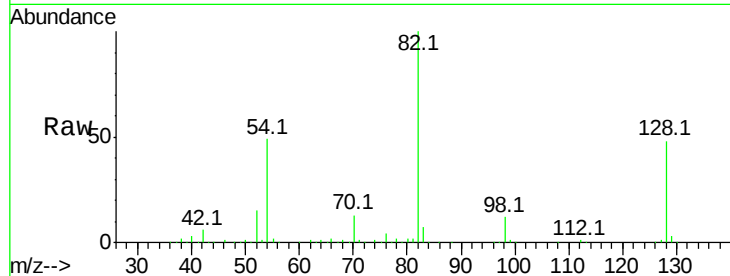
Tot Ion: 82 Resp: 832067

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

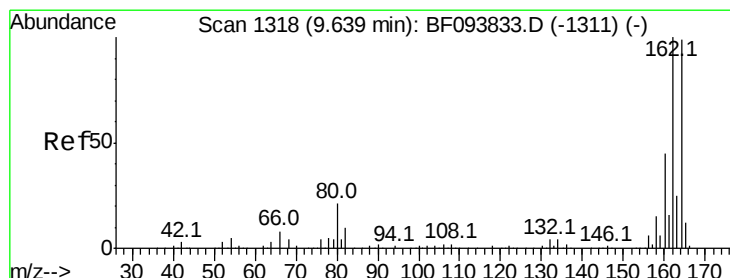
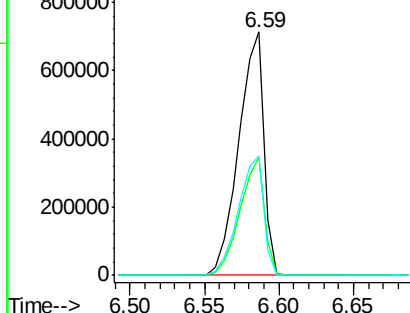
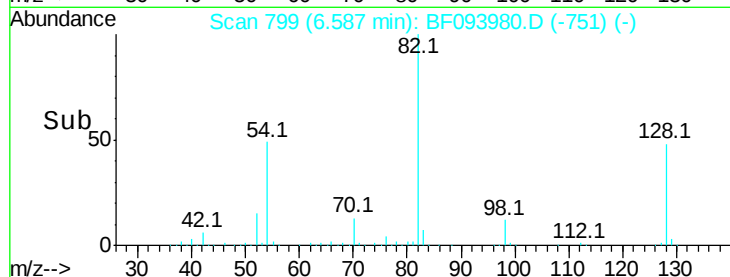
54 49.1 42.2 63.2



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: 9.59 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

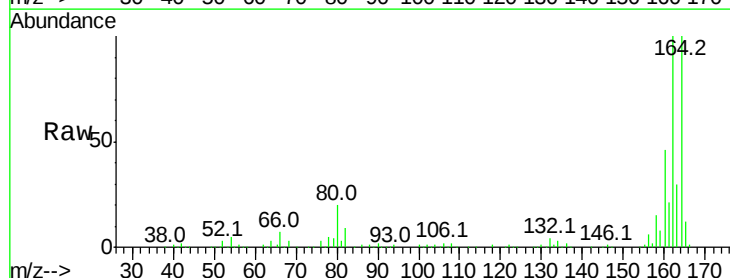
Tgt Ion:164 Resp: 294554

Ion Ratio Lower Upper

164 100

162 99.8 82.6 123.8

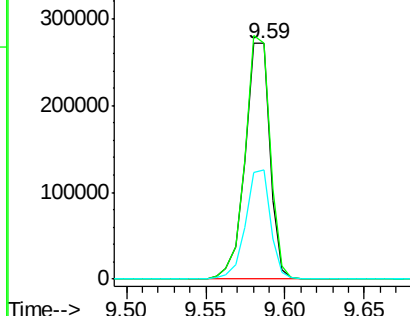
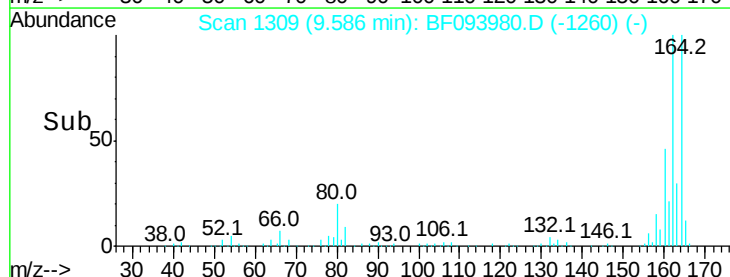
160 46.2 36.2 54.2

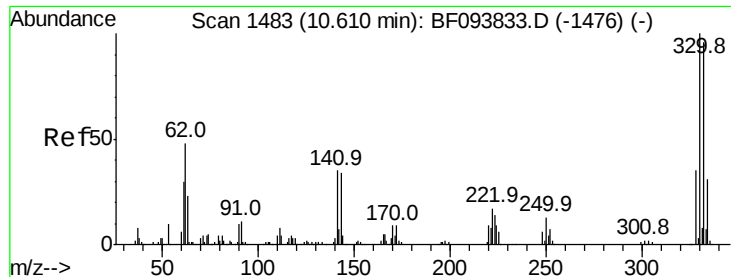


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

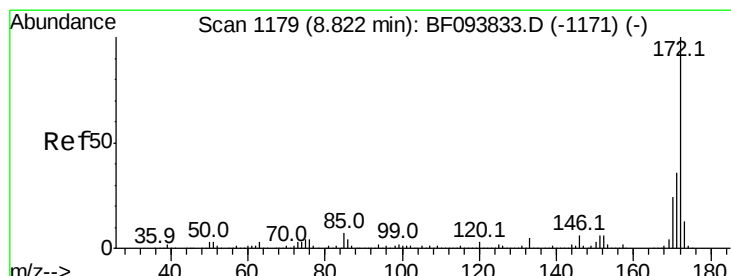
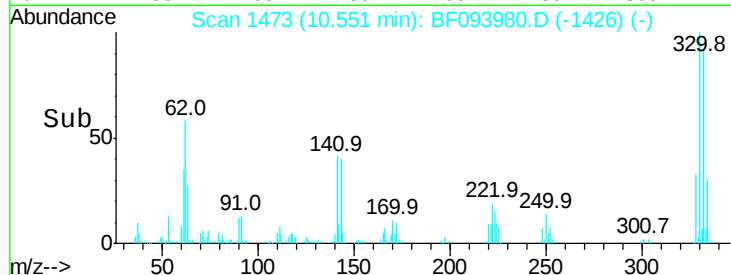
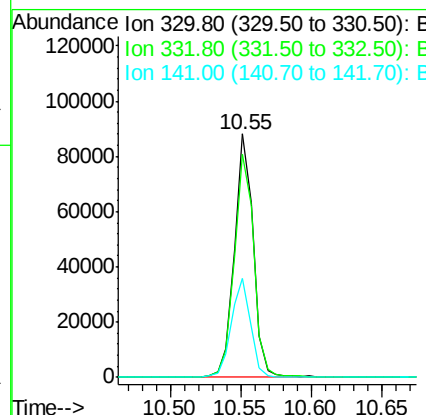
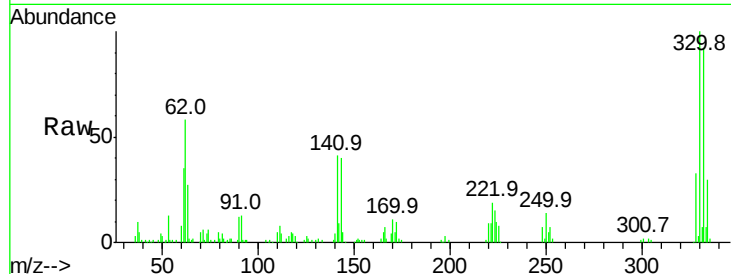




#41
 2,4,6-Tribromophenol
 Concen: 35.05 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

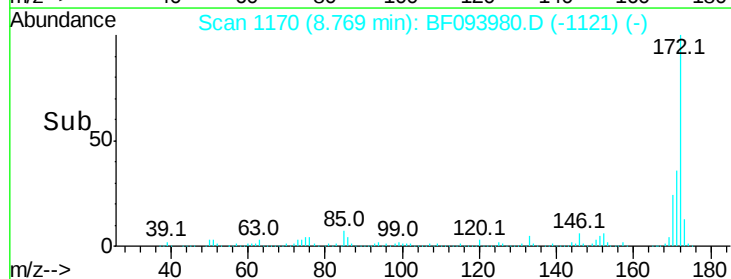
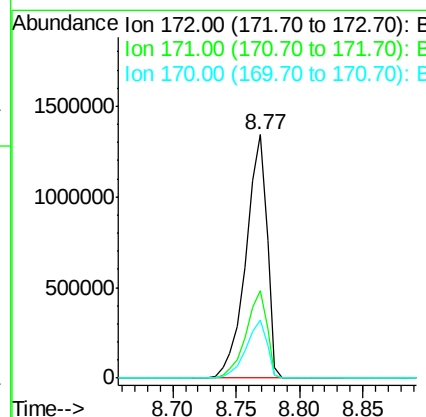
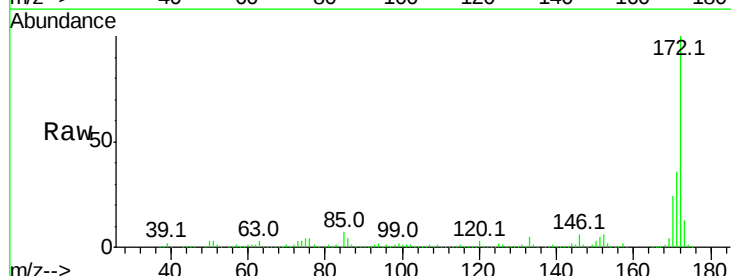
Instrument :
 BNA_F
 ClientSampleId :
 032217-PRRT-E-D-M

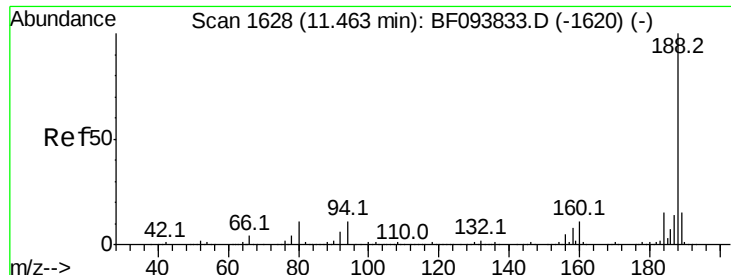
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	41.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	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: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

032217-PRRT-E-D-M

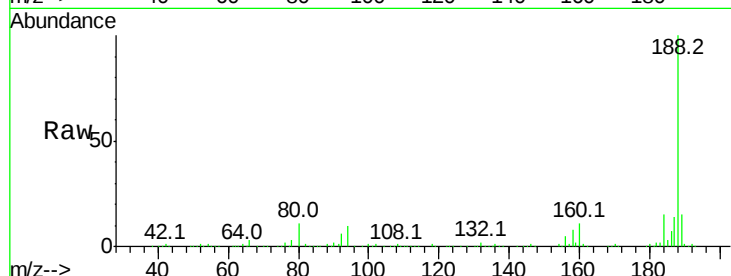
Tot Ion:188 Resp: 476251

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

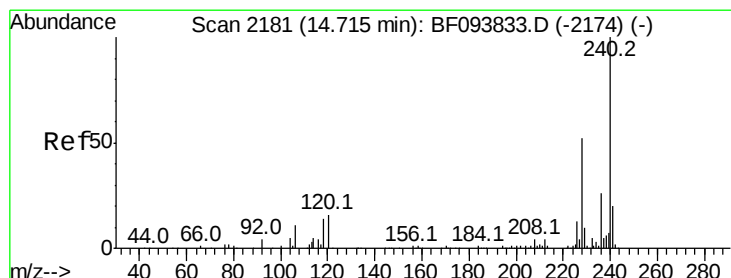
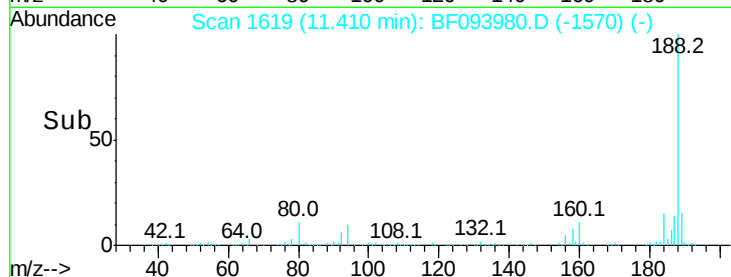
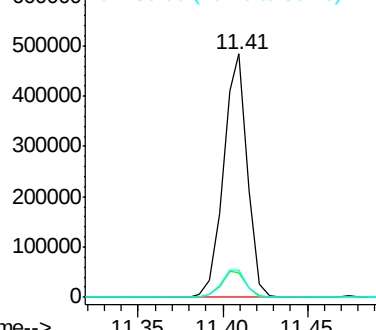
80 11.4 10.2 15.2



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: BF093980.D

Acq: 28 Mar 2017 8:52

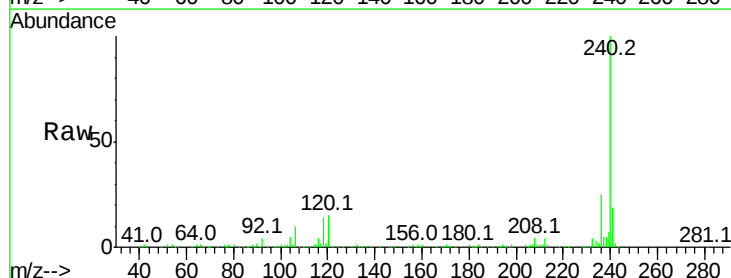
Tgt Ion:240 Resp: 309055

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

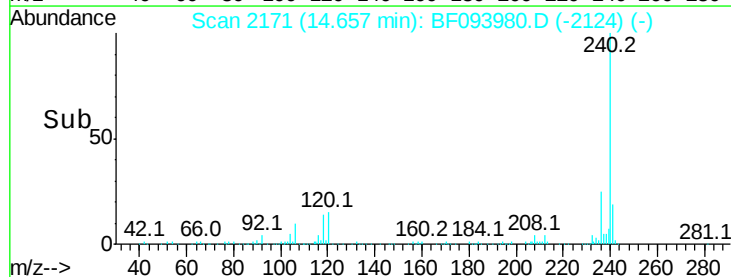
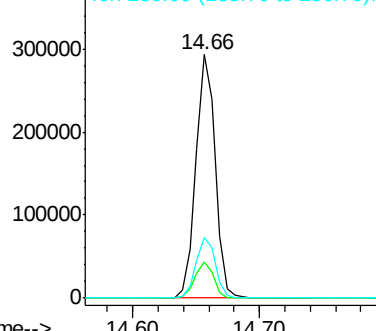
236 25.0 20.5 30.7

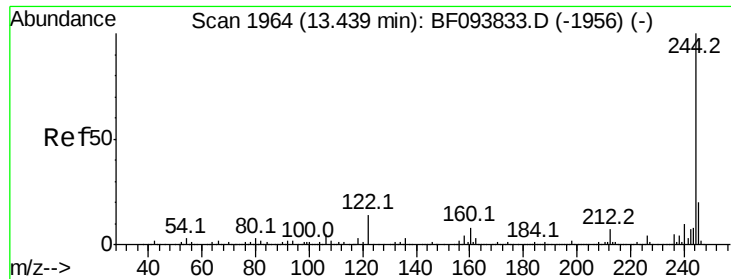


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.98 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

032217-PRRT-E-D-M

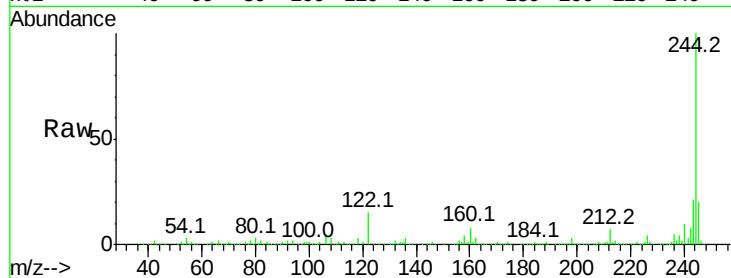
Tot Ion:244 Resp: 1006223

Ion Ratio Lower Upper

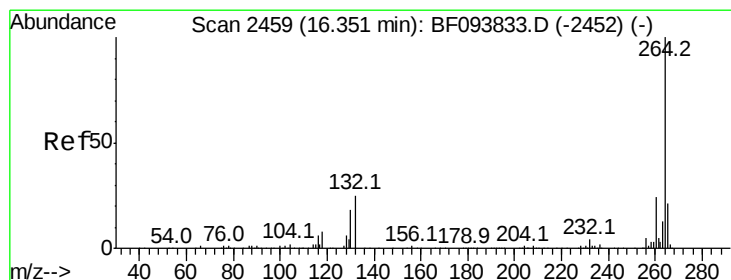
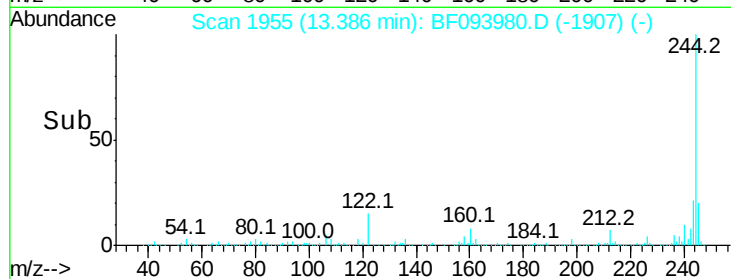
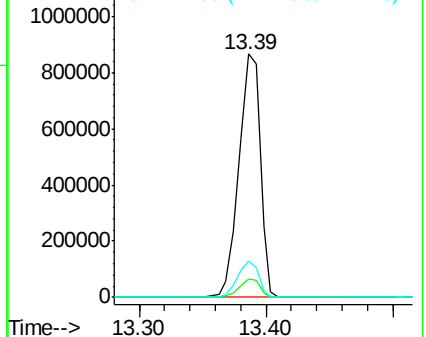
244 100

212 7.4 6.0 9.0

122 15.1 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: BF093980.D

Acq: 28 Mar 2017 8:52

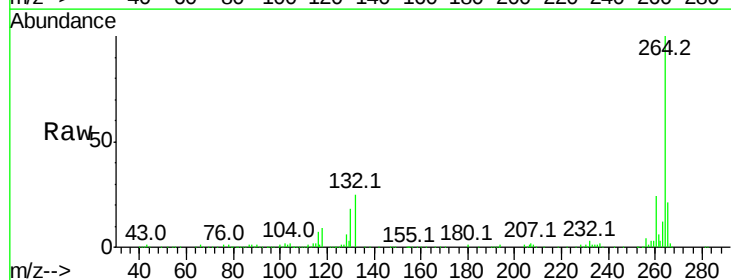
Tgt Ion:264 Resp: 272949

Ion Ratio Lower Upper

264 100

260 24.0 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

