

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093839.D
 Acq On : 22 Mar 2017 18:29
 Operator : SJ/MA
 Sample : PB97680BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

Quant Time: Mar 23 02:12:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	193763	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	809553	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	377848	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	671337	20.00	ng	0.00
75) Chrysene-d12	14.71	240	536486	20.00	ng	0.00
86) Perylene-d12	16.34	264	424545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1516830	132.22	ng	0.02
7) Phenol-d6	5.57	99	1913784	134.85	ng	0.00
23) Nitrobenzene-d5	6.63	82	1207873	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	412632	138.20	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2185580	88.23	ng	0.00
78) Terphenyl-d14	13.44	244	1764761	73.73	ng	0.00

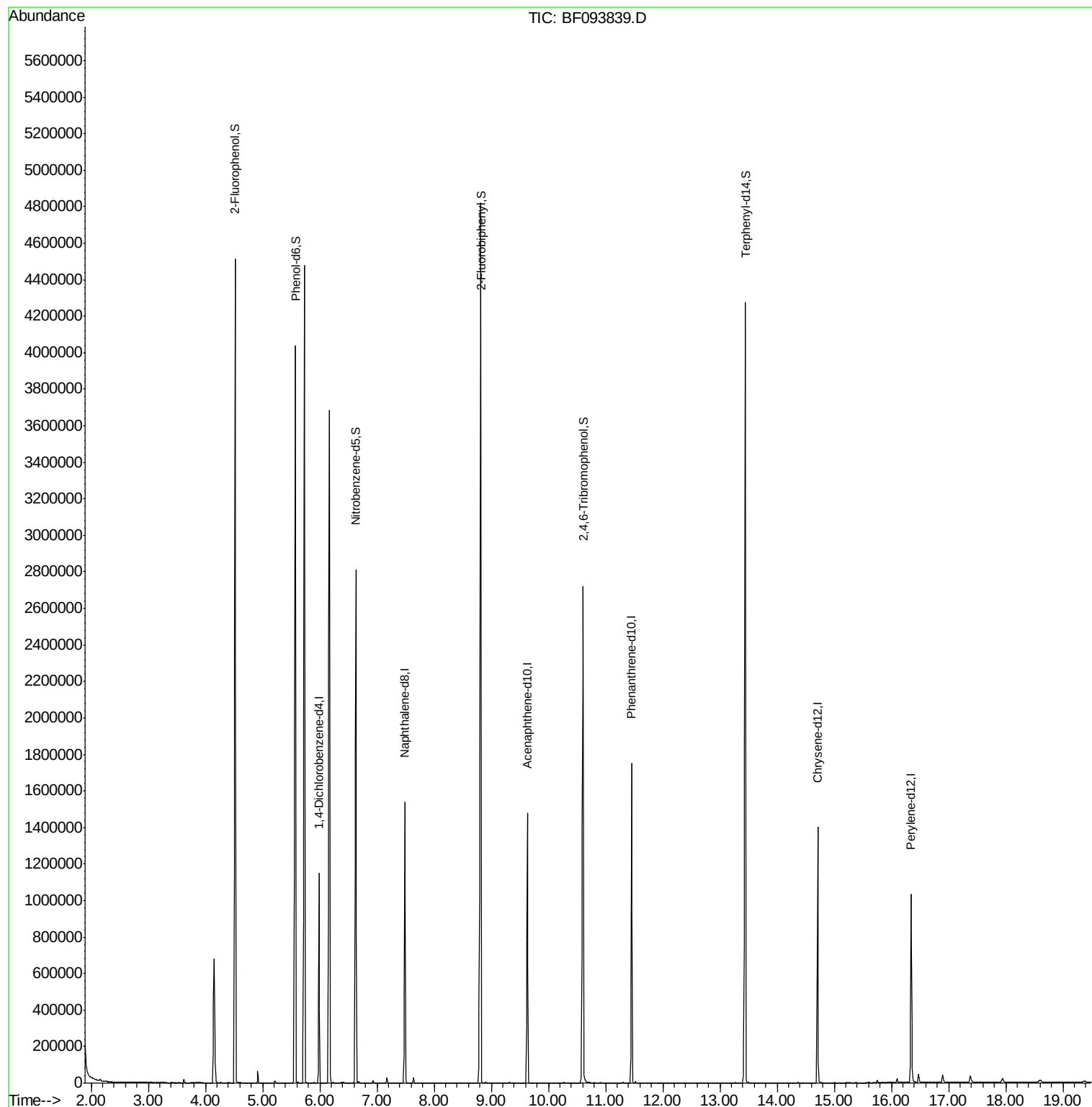
Target Compounds Qvalue

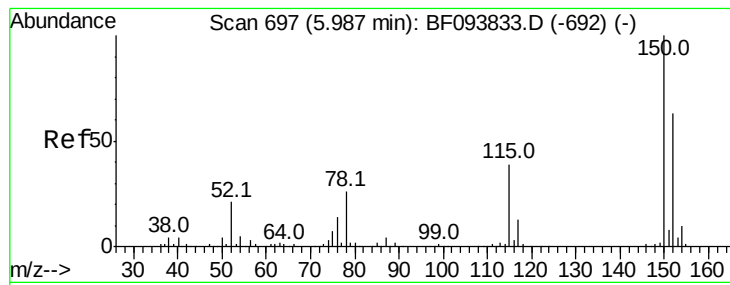
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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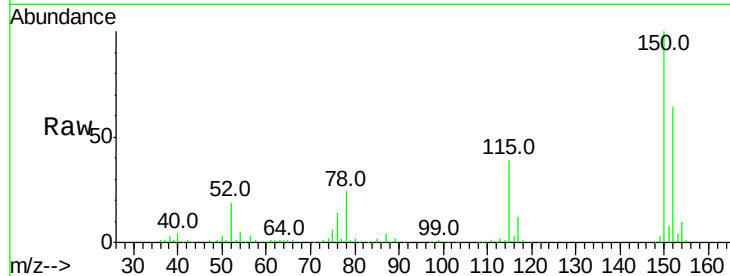


#1

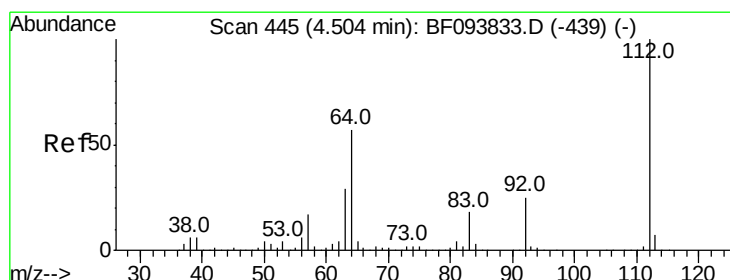
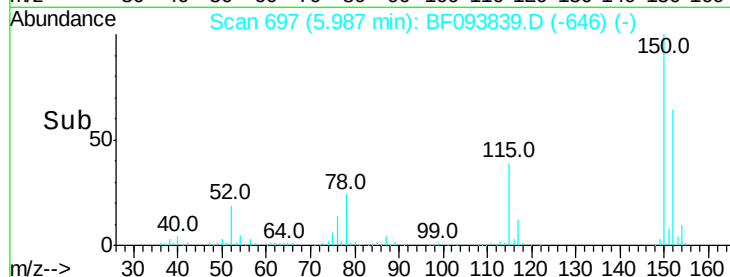
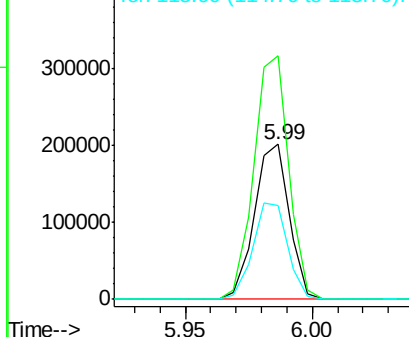
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB97680BL

Tot Ion:152 Resp: 193763
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 60.5 52.2 78.2



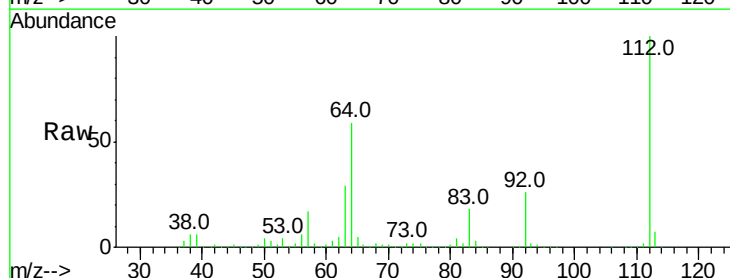
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



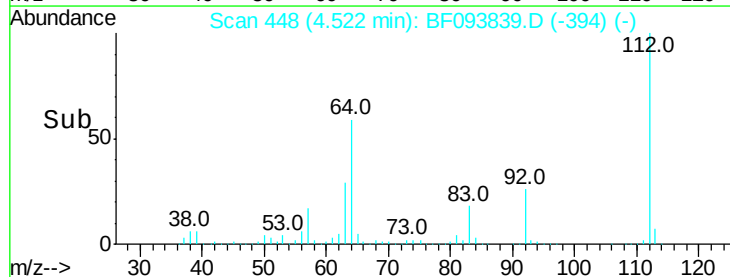
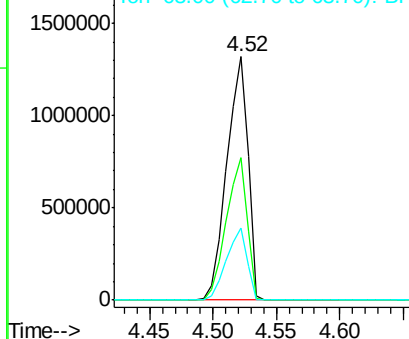
#5

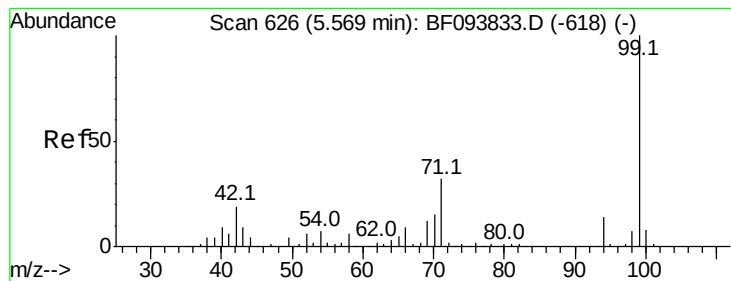
2-Fluorophenol
Concen: 132.22 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Tgt Ion:112 Resp: 1516830
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.5 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: 134.85 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB97680BL

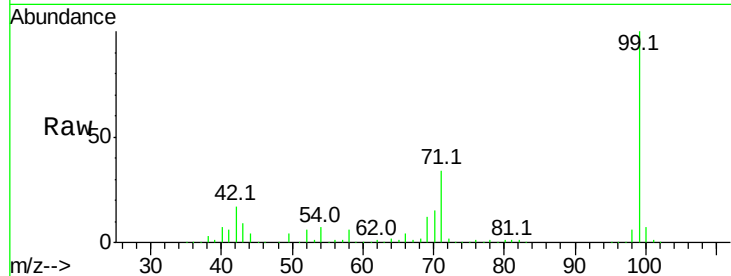
Tot Ion: 99 Resp: 1913784

Ion Ratio Lower Upper

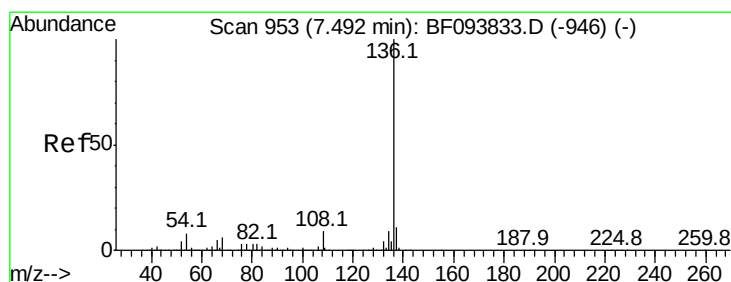
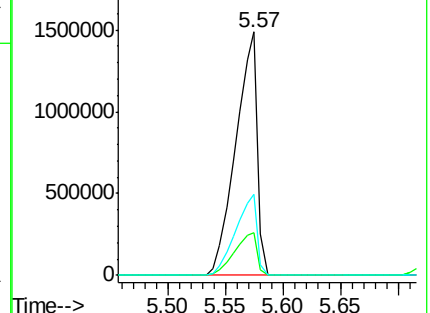
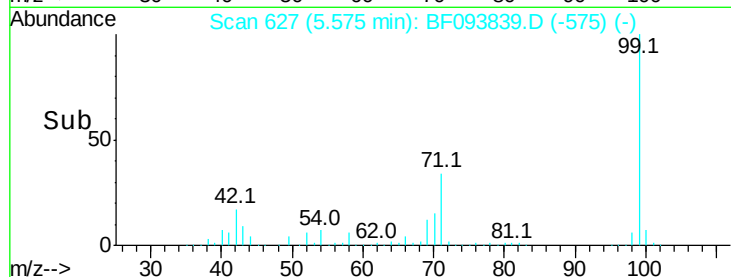
99 100

42 17.5 13.5 20.3

71 33.5 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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Tgt Ion:136 Resp: 809553

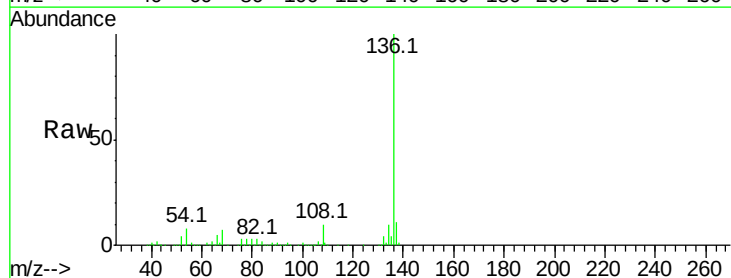
Ion Ratio Lower Upper

136 100

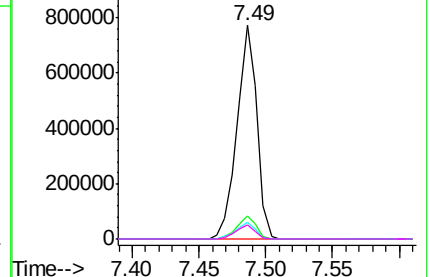
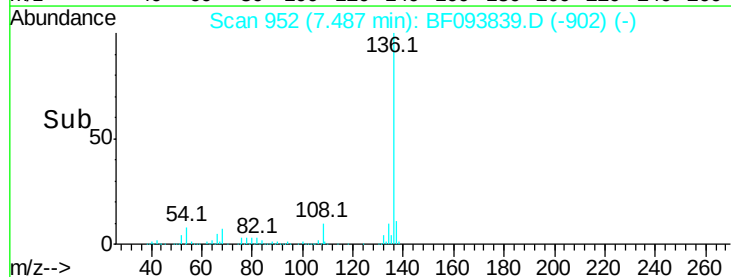
137 11.0 8.5 12.7

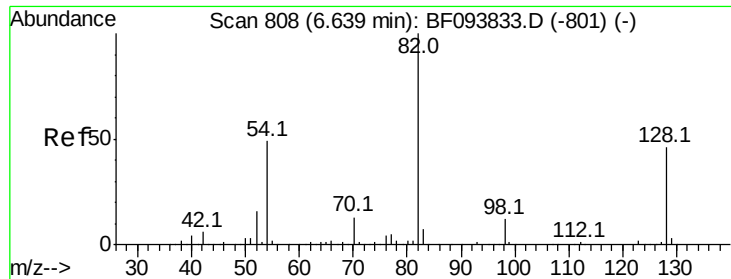
54 8.1 4.9 7.3#

68 6.6 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



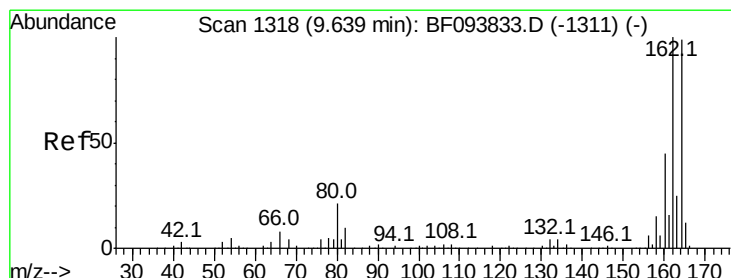
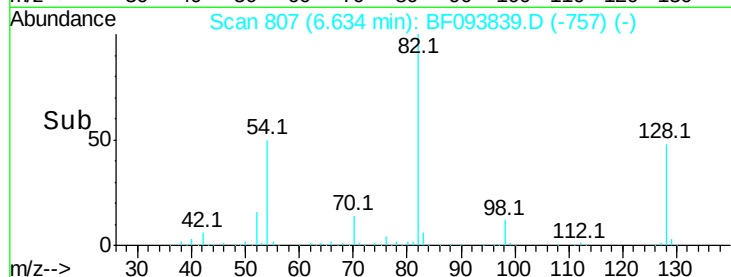
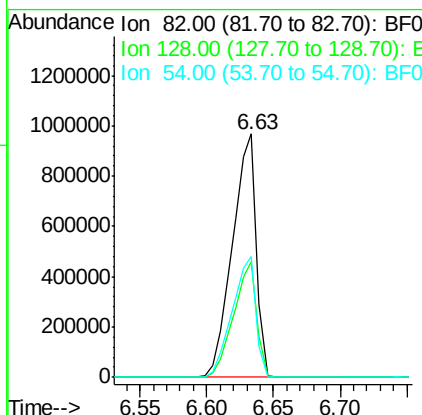
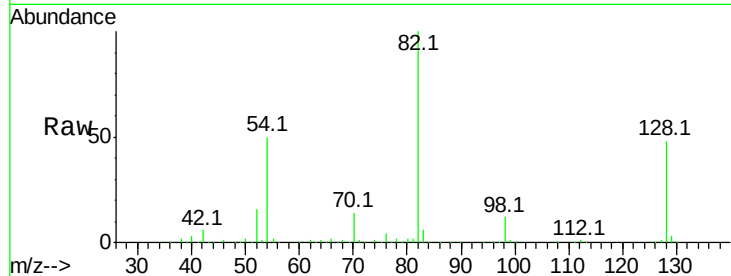


#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 6.63 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

Tot Ion: 82 Resp: 1207873

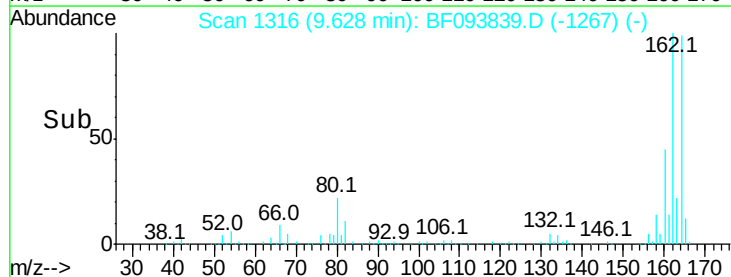
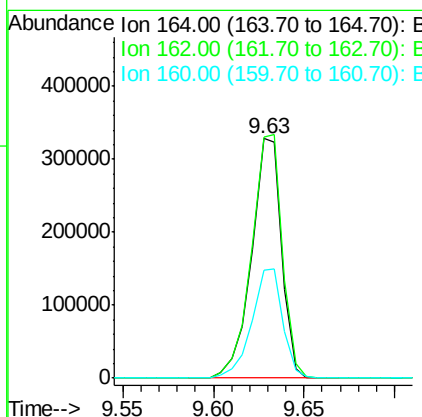
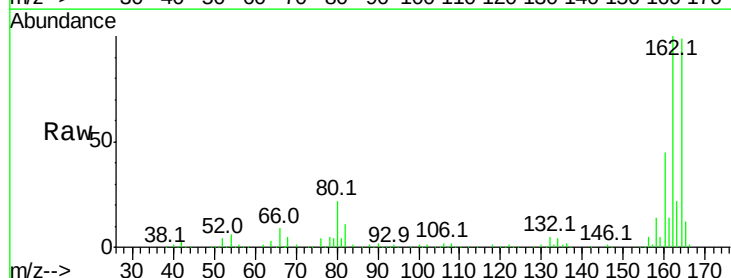
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	49.6	42.2	63.2

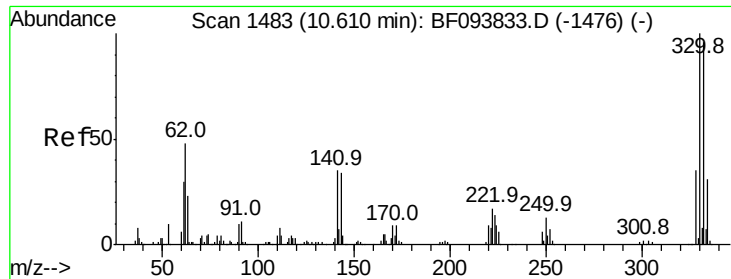


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Tgt Ion: 164 Resp: 377848

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	45.1	36.2	54.2

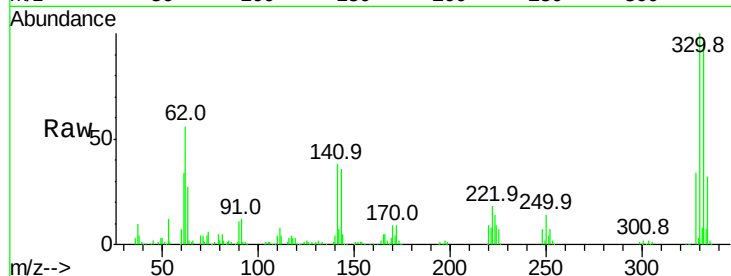




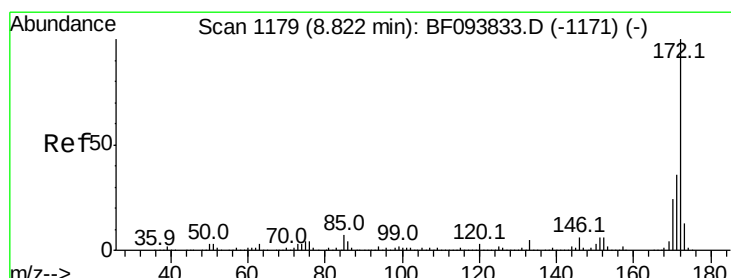
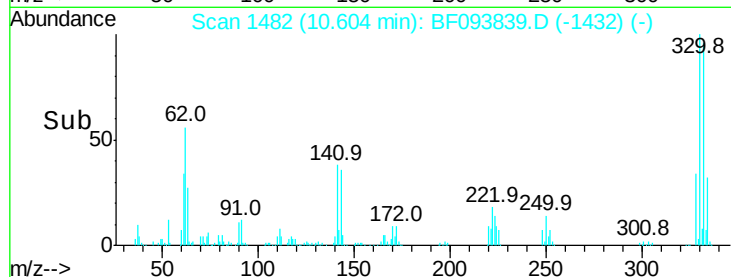
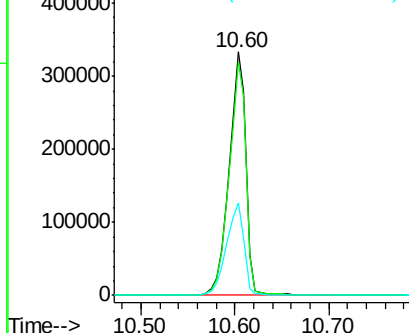
#41
 2,4,6-Tribromophenol
 Concen: 138.20 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

Tot Ion:330 Resp: 412632
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.1 31.4 47.2

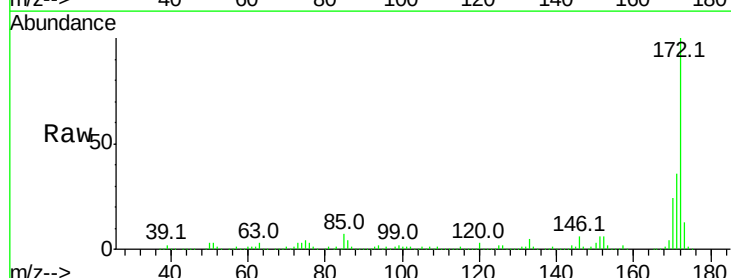


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

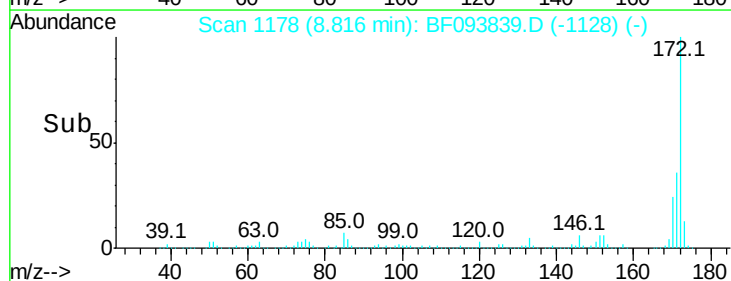
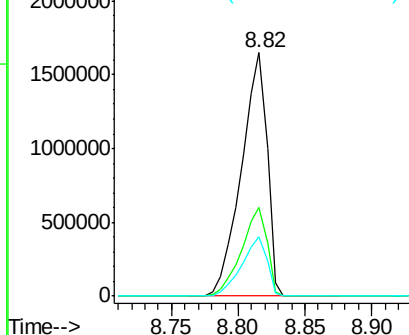


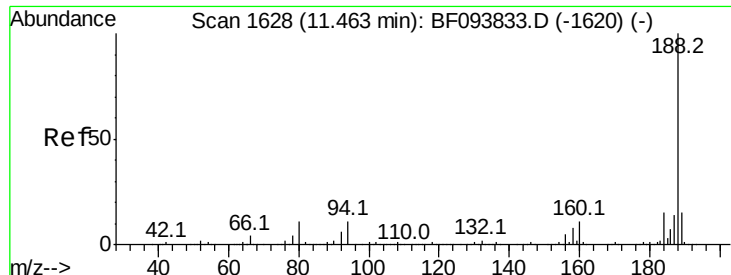
#44
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Tgt Ion:172 Resp: 2185580
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB97680BL

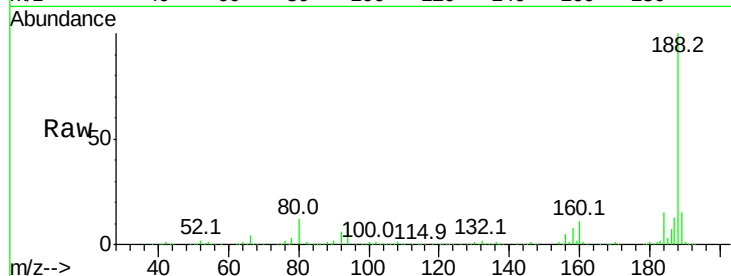
Tot Ion:188 Resp: 671337

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

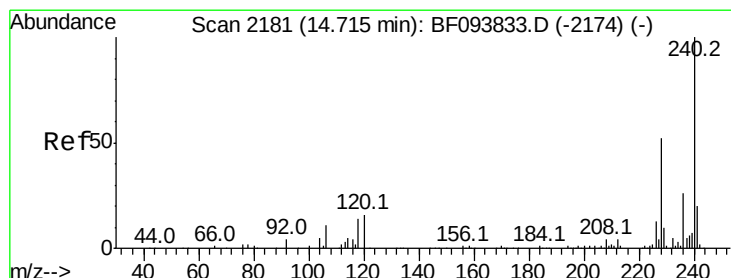
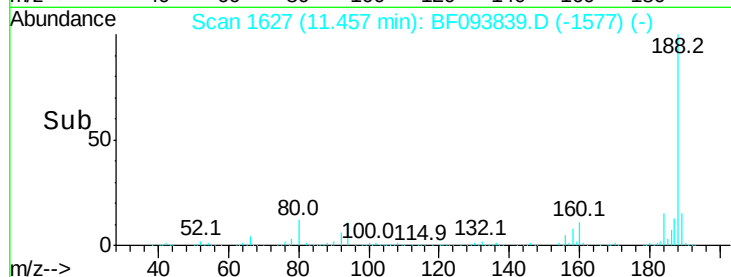
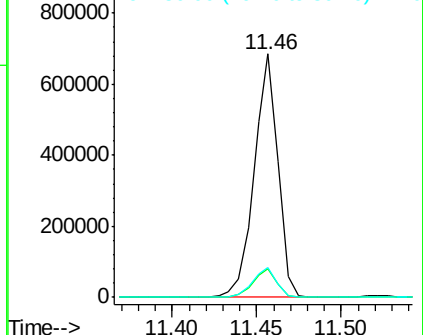
80 12.0 10.2 15.2



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: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

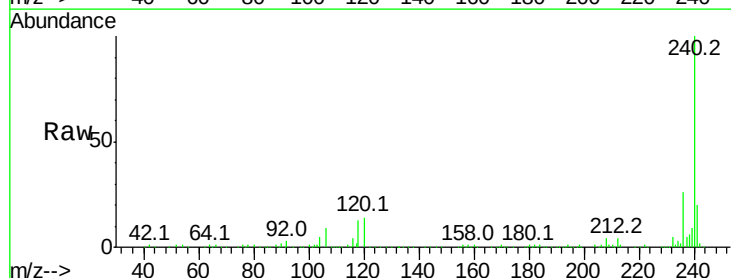
Tgt Ion:240 Resp: 536486

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

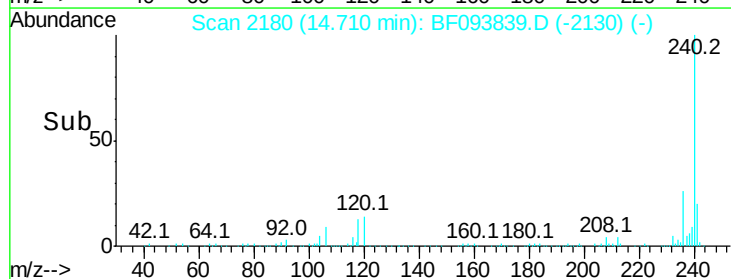
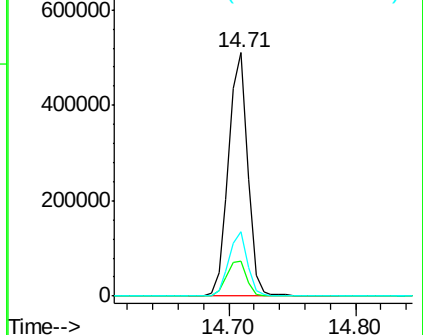
236 26.4 20.5 30.7

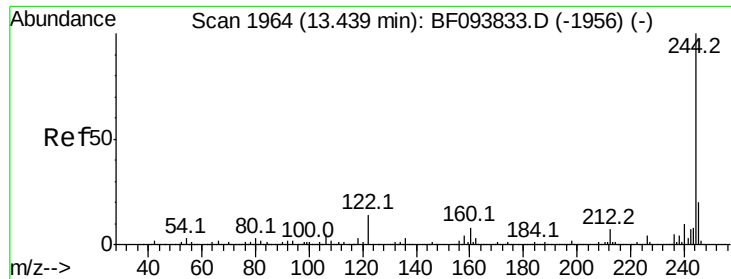


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.73 ng

RT: 13.44 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB97680BL

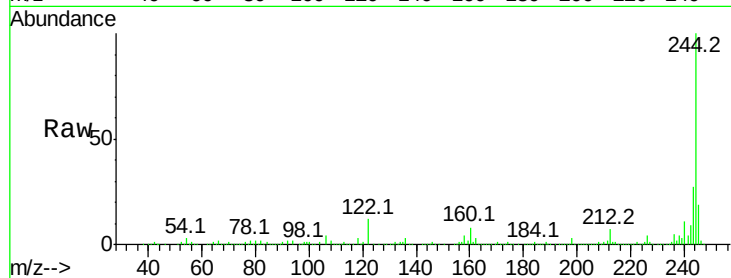
Tot Ion:244 Resp: 1764761

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

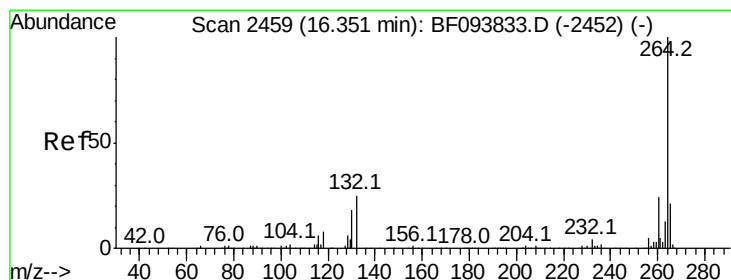
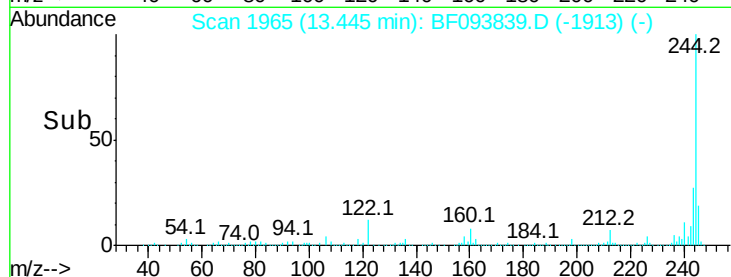
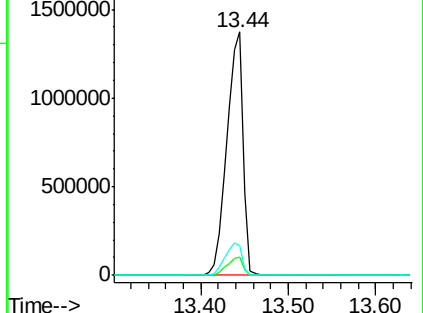
122 12.5 10.3 15.5



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: 16.34 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

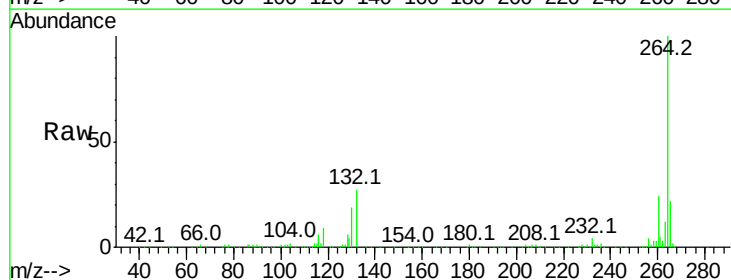
Tgt Ion:264 Resp: 424545

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.4 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

