

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093975.D
 Acq On : 28 Mar 2017 6:34
 Operator : SJ/MA
 Sample : PB97833BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

Quant Time: Mar 28 07:08:39 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	168909	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	670327	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	294706	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	474899	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	308972	20.00	ng	-0.02
86) Perylene-d12	16.29	264	259372	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	855016	85.50	ng	0.00
7) Phenol-d6	5.53	99	1052163	85.05	ng	-0.02
23) Nitrobenzene-d5	6.59	82	935638	79.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	195300	83.86	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1666363	86.24	ng	-0.01
78) Terphenyl-d14	13.39	244	1134314	82.29	ng	-0.01

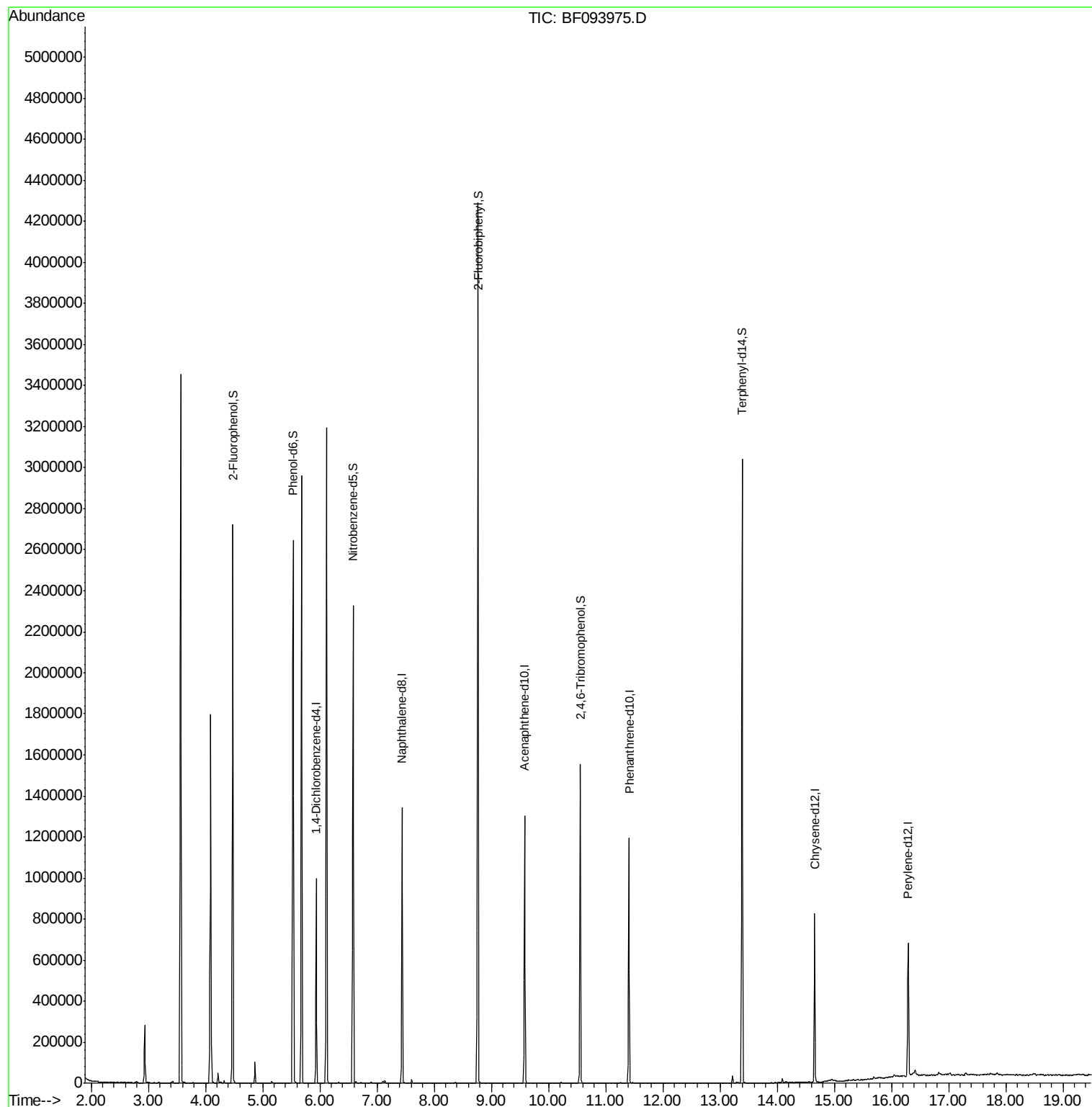
Target Compounds Qvalue

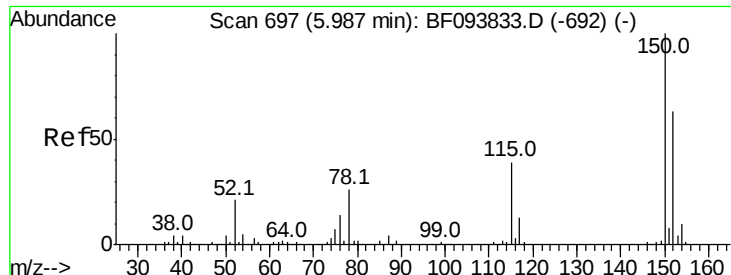
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampleId :

PB97833BL

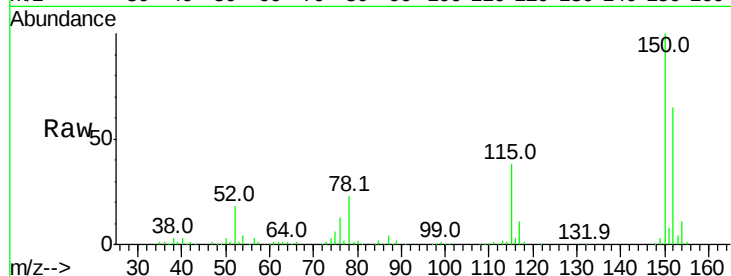
Tot Ion:152 Resp: 168909

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

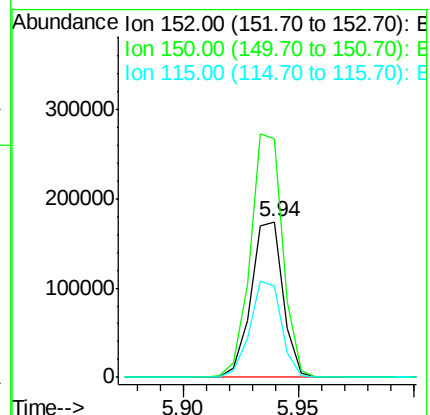
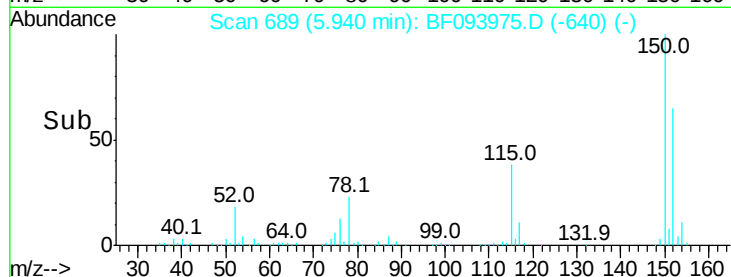
115 58.7 52.2 78.2



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: 85.50 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

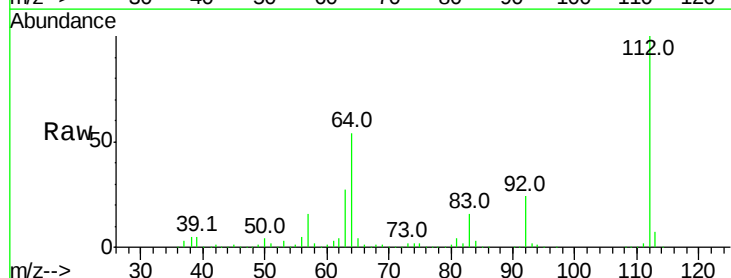
Tgt Ion:112 Resp: 855016

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

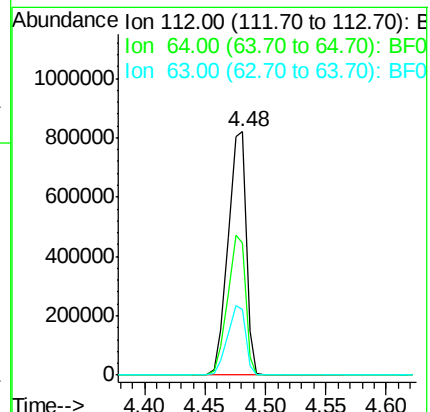
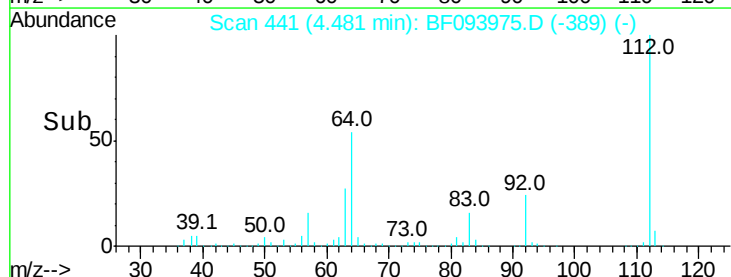
63 26.8 23.4 35.0

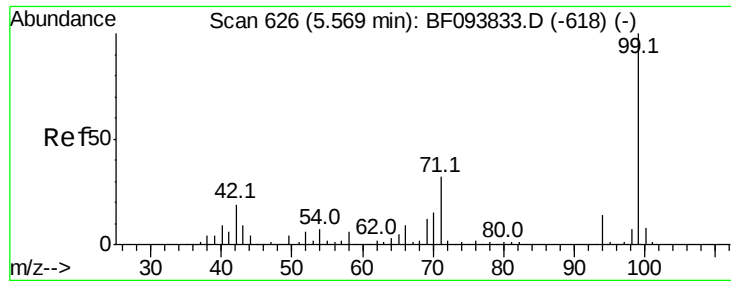


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.05 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

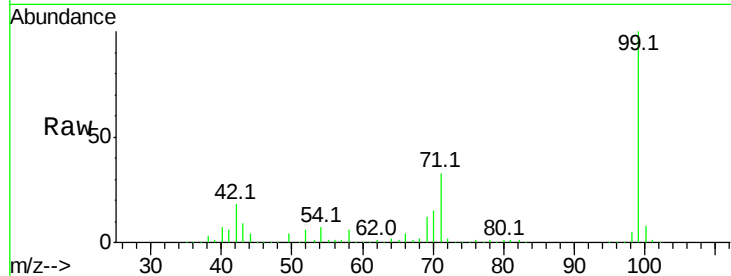
BNA_F

ClientSampleId :

PB97833BL

Tot Ion: 99 Resp: 1052163

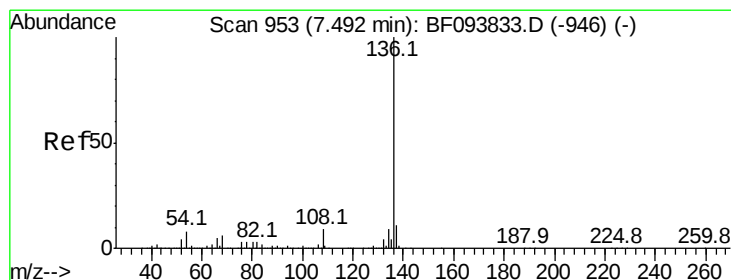
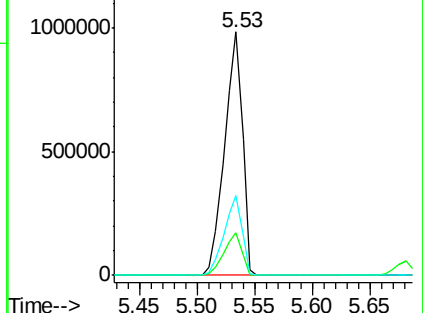
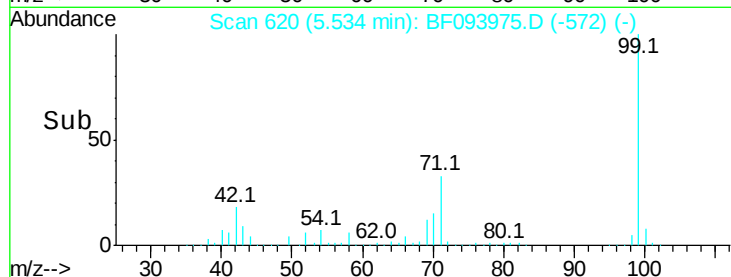
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	32.8	24.5	36.7



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

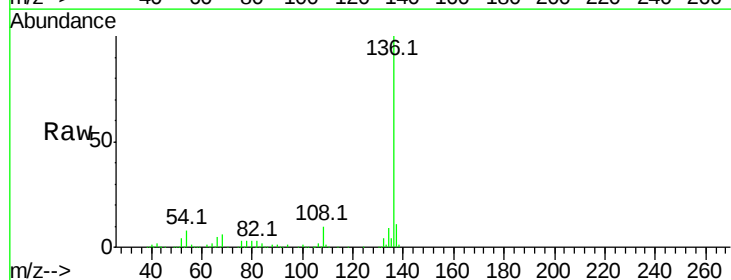
Delta R.T. -0.02 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Tgt Ion: 136 Resp: 670327

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.7	4.9	7.3#
68	6.1	4.1	6.1#

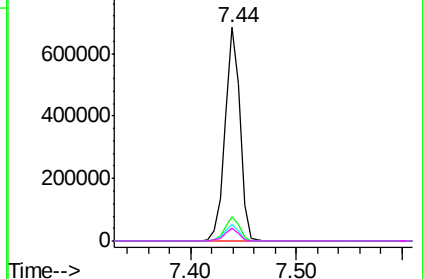
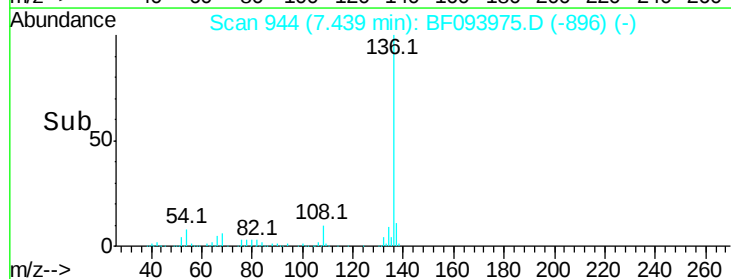


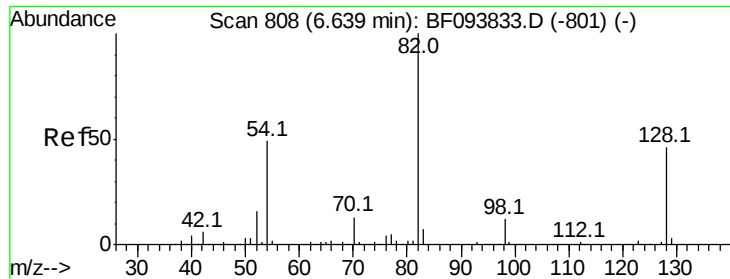
Abundance Ion 136.00 (135.70 to 136.70): E

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

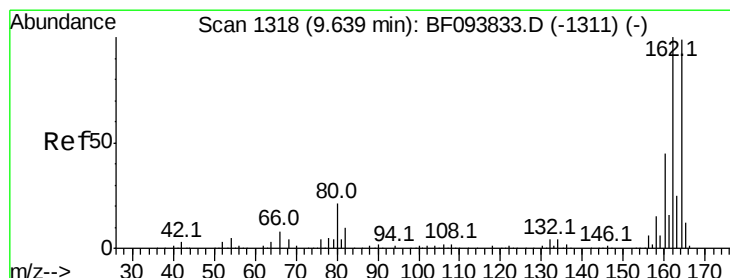
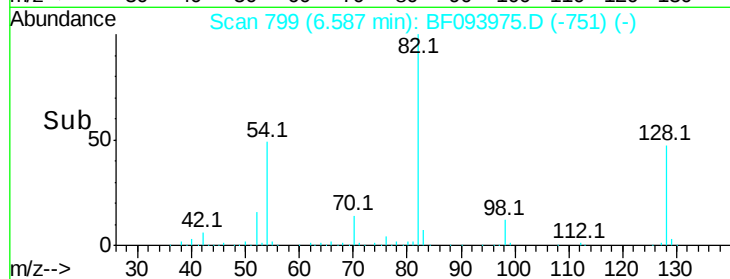
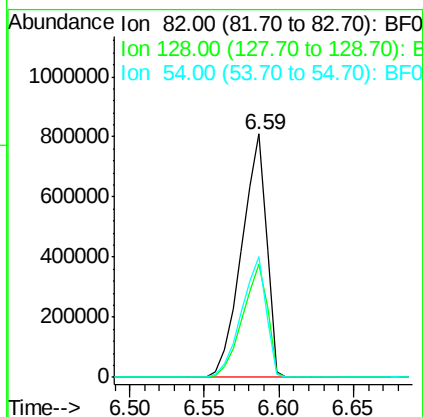
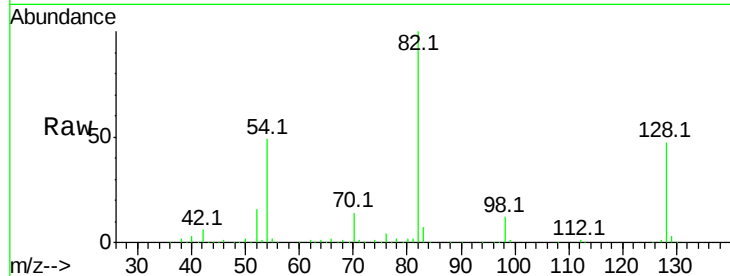




#23
 Nitrobenzene-d5
 Concen: 79.66 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

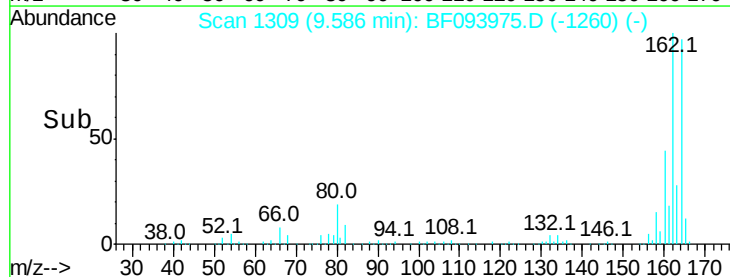
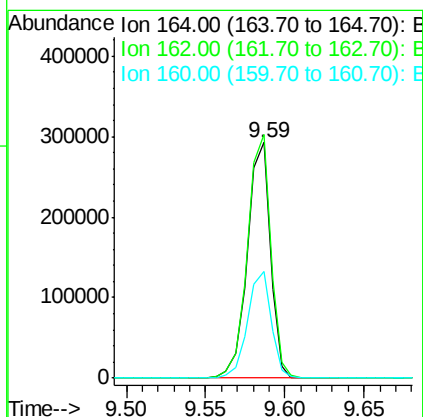
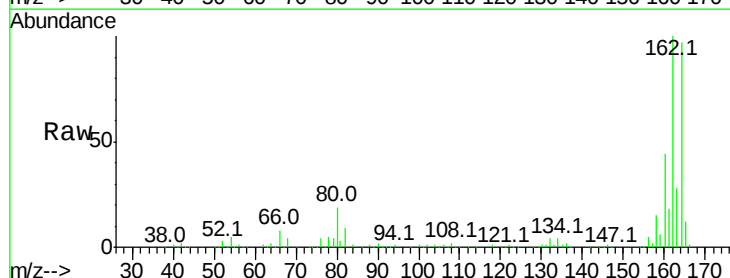
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BL

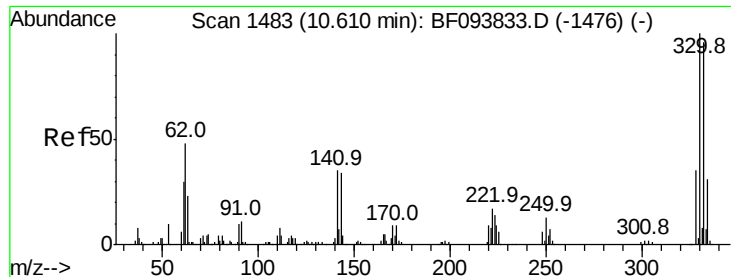
Tot Ion: 82 Resp: 935638
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Tgt Ion: 164 Resp: 294706
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 45.2 36.2 54.2

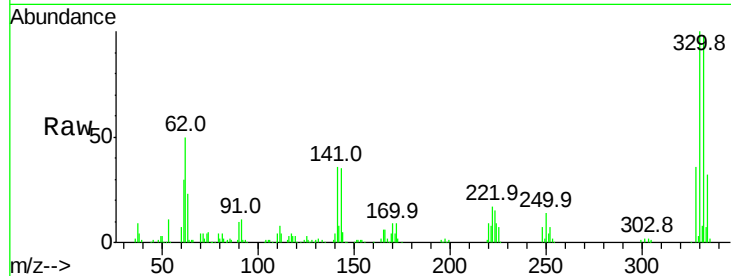




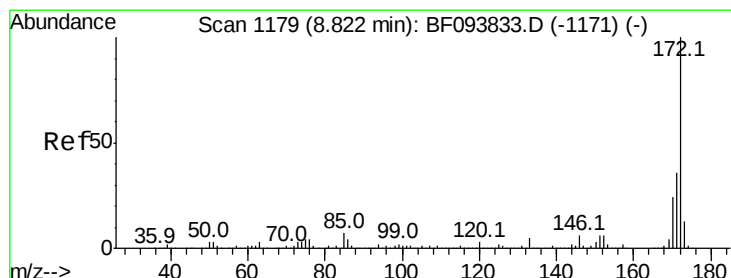
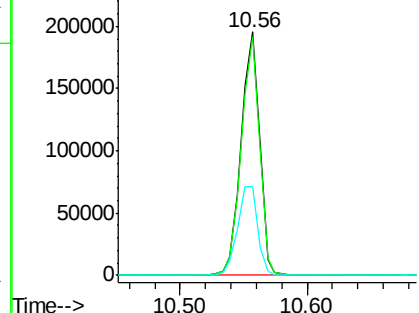
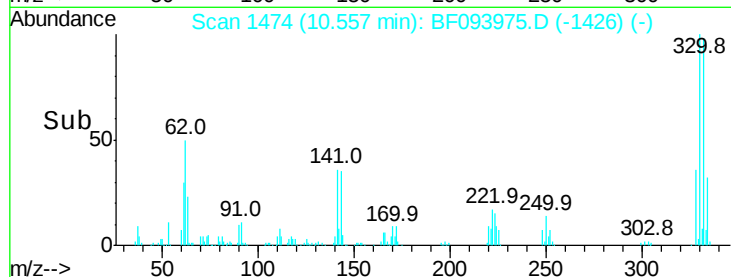
#41
 2,4,6-Tribromophenol
 Concen: 83.86 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Instrument :
 BNA_F
 ClientSampleID :
 PB97833BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.7	31.4	47.2

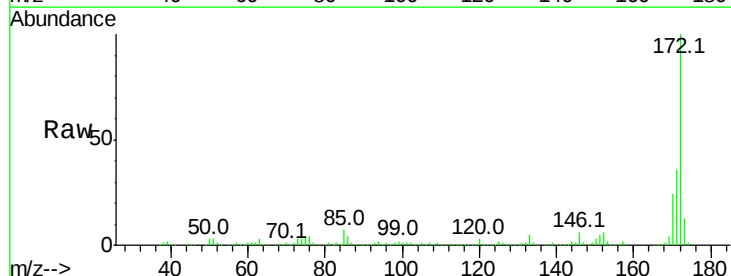


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

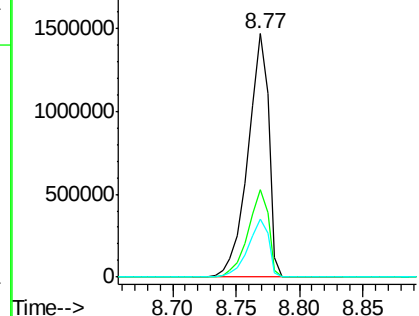
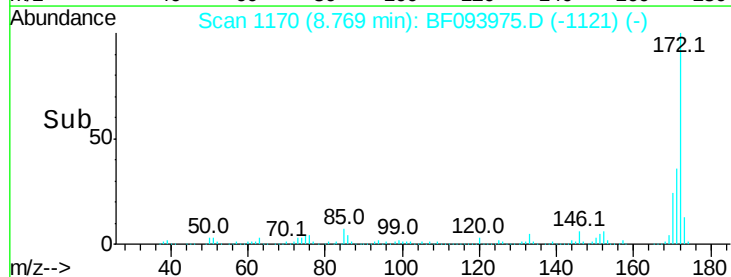


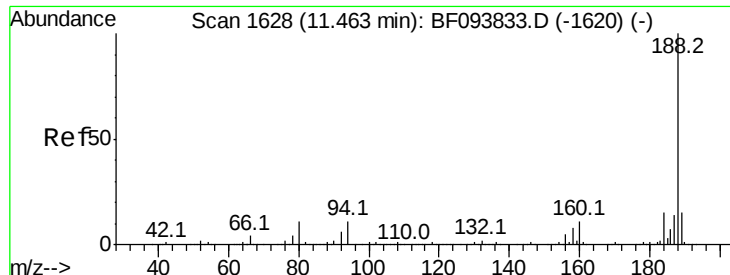
#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093975.D
 Acq: 28 Mar 2017 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampleId :

PB97833BL

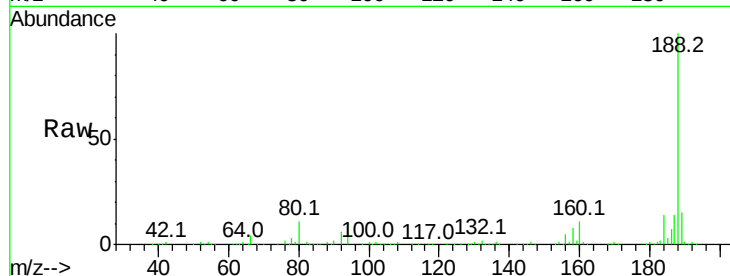
Tot Ion:188 Resp: 474899

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

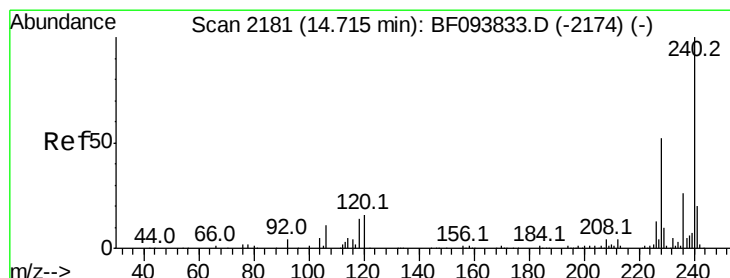
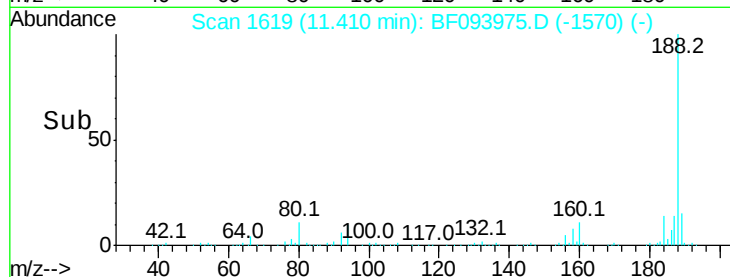
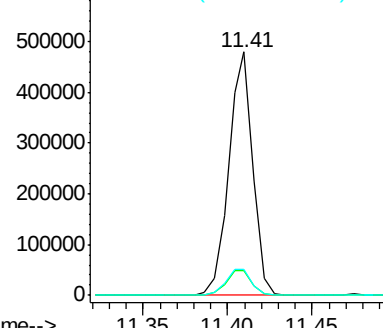
80 10.9 10.2 15.2



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: BF093975.D

Acq: 28 Mar 2017 6:34

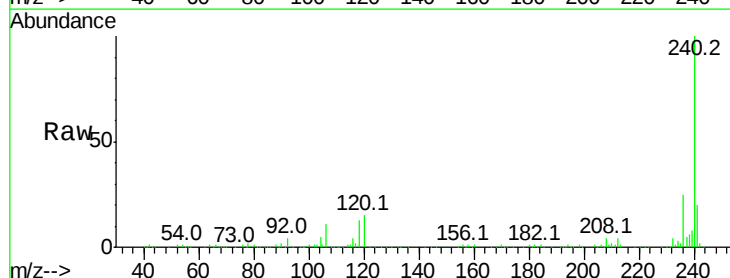
Tgt Ion:240 Resp: 308972

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

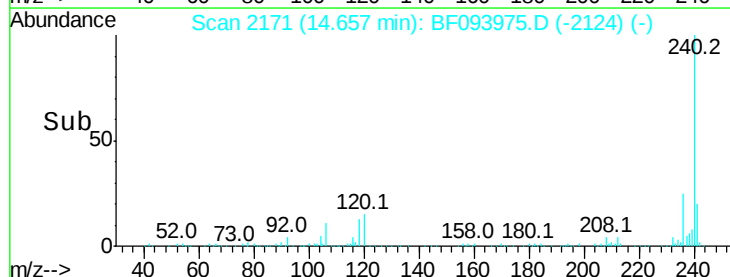
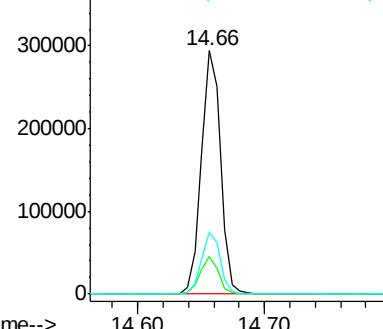
236 25.3 20.5 30.7

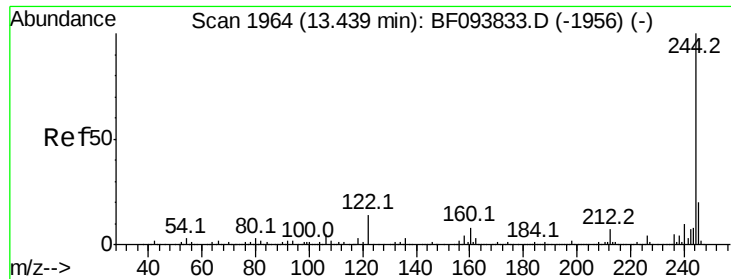


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.29 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093975.D

Acq: 28 Mar 2017 6:34

Instrument :

BNA_F

ClientSampled :

PB97833BL

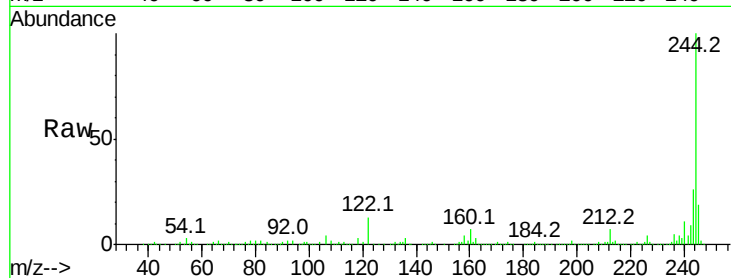
Tot Ion:244 Resp: 1134314

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

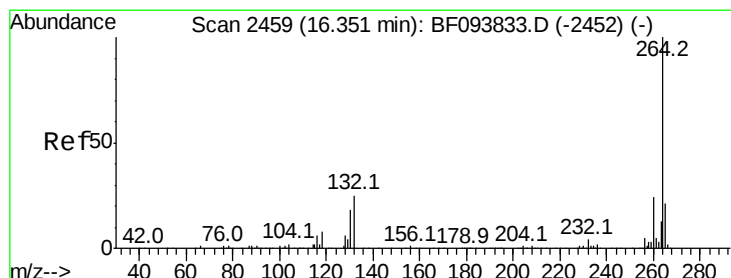
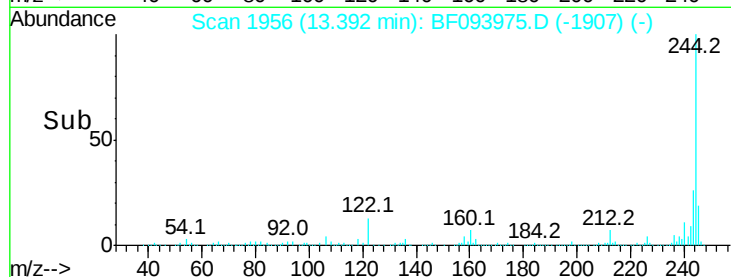
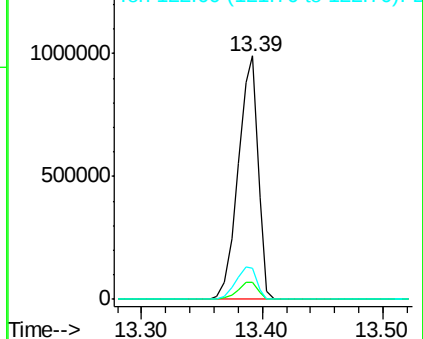
122 13.1 10.3 15.5



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: BF093975.D

Acq: 28 Mar 2017 6:34

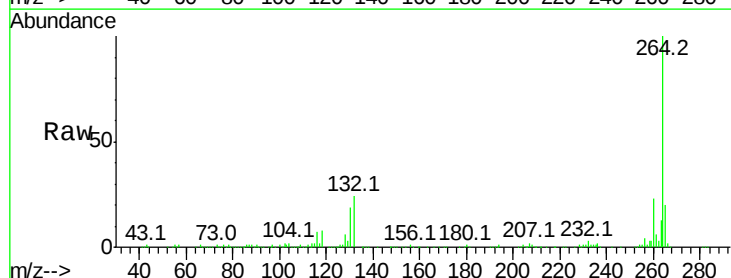
Tgt Ion:264 Resp: 259372

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.3 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

