

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094307.D
 Acq On : 10 Apr 2017 13:27
 Operator : SJ/MA
 Sample : PB98131BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BL

Quant Time: Apr 11 01:16:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	155554	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	623138	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	289809	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	524973	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	423279	20.00	ng	-0.02
86) Perylene-d12	16.18	264	276186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1154013	125.30	ng	0.02
7) Phenol-d6	5.48	99	1445421	126.87	ng	0.02
23) Nitrobenzene-d5	6.49	82	913249	83.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	316740	138.31	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1656702	87.19	ng	-0.02
78) Terphenyl-d14	13.29	244	1449036	76.73	ng	-0.01

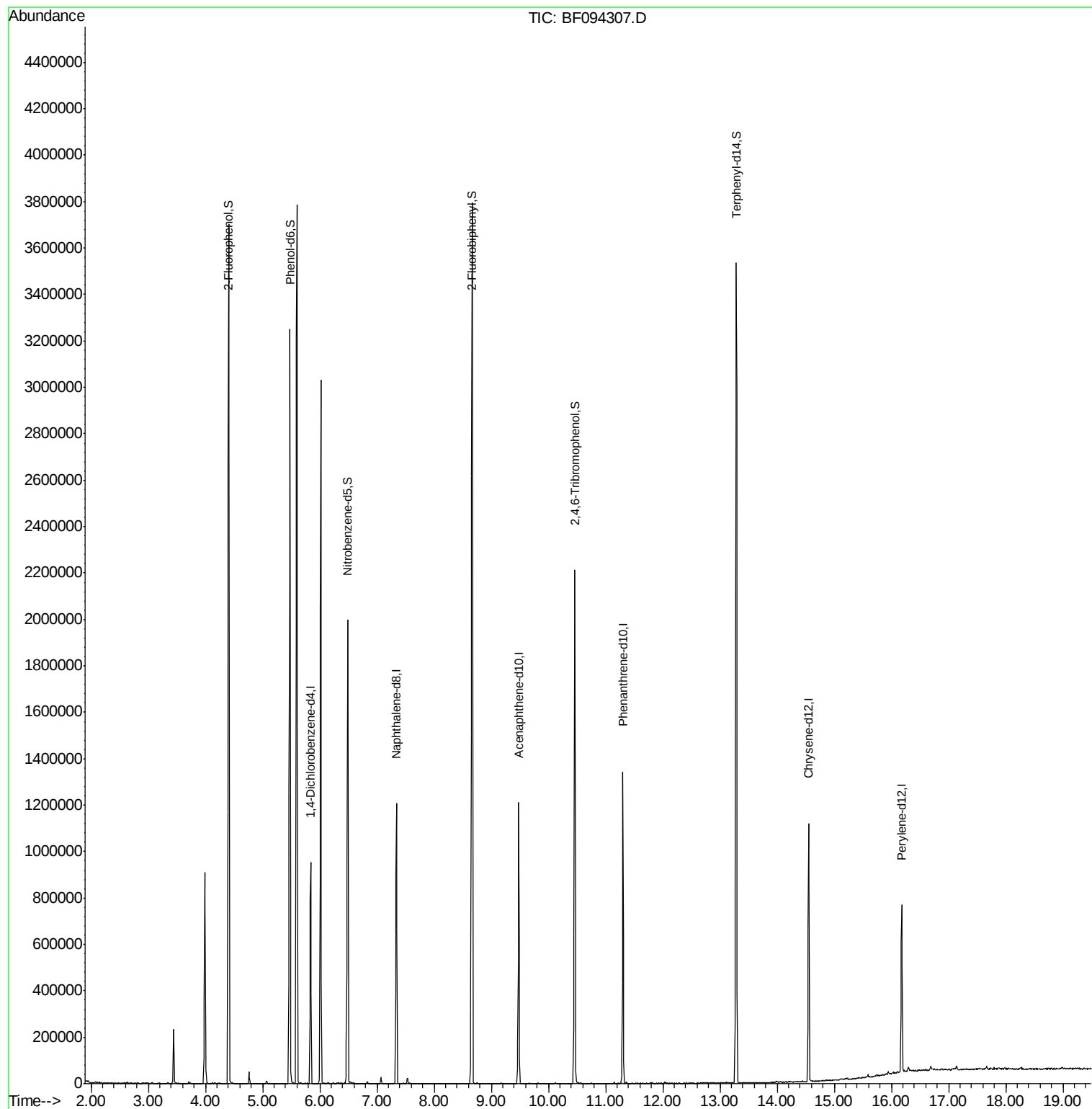
Target Compounds Qvalue

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

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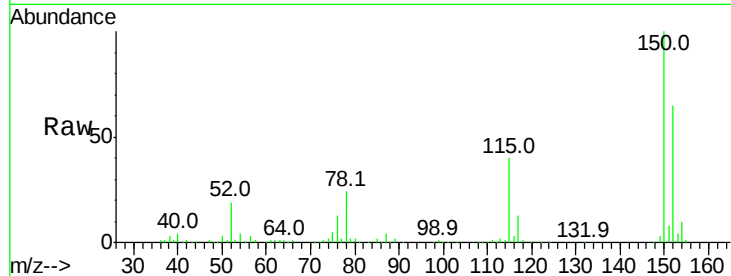


#1

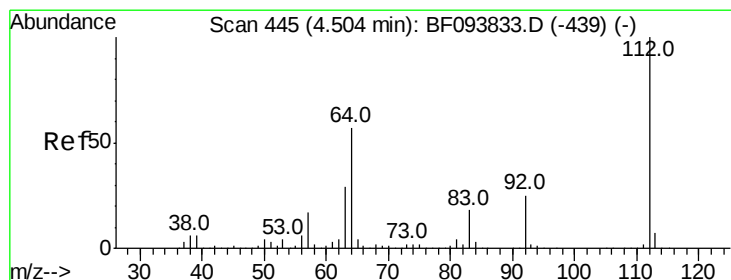
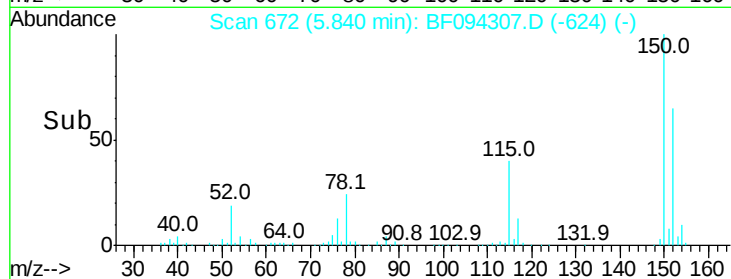
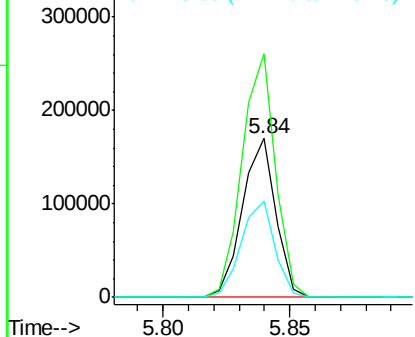
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.84 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :
 PB98131BL

Tot Ion:152 Resp: 155554
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.2 189.2
 115 60.9 52.2 78.2



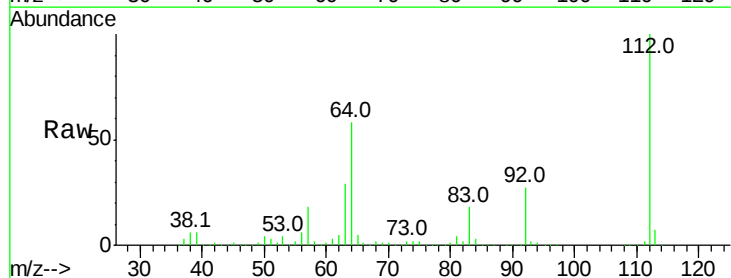
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



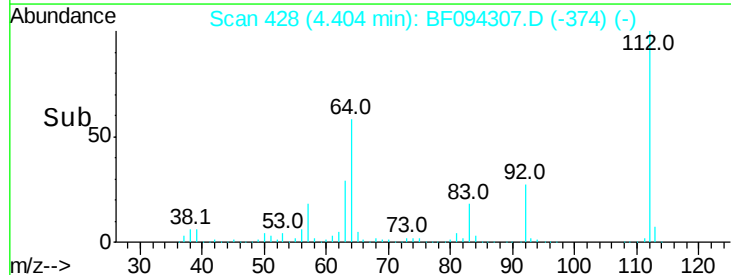
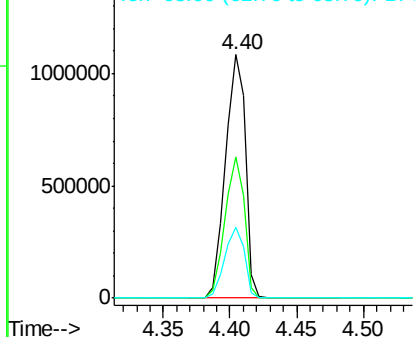
#5

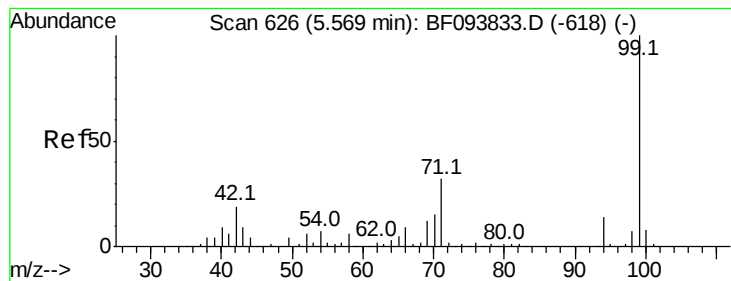
2-Fluorophenol
 Concen: 125.30 ng
 RT: 4.40 min Scan# 428
 Delta R.T. 0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion:112 Resp: 1154013
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 29.3 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: 126.87 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

PB98131BL

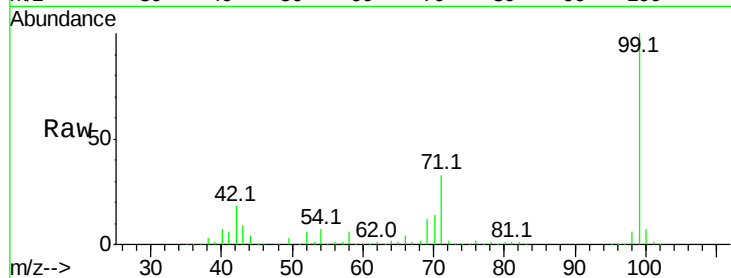
Tot Ion: 99 Resp: 1445421

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

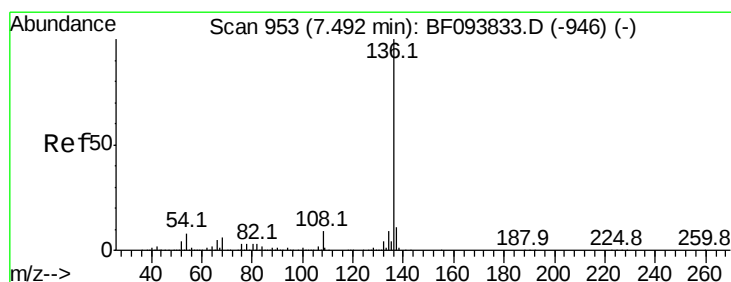
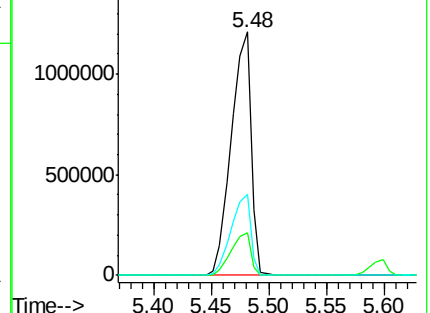
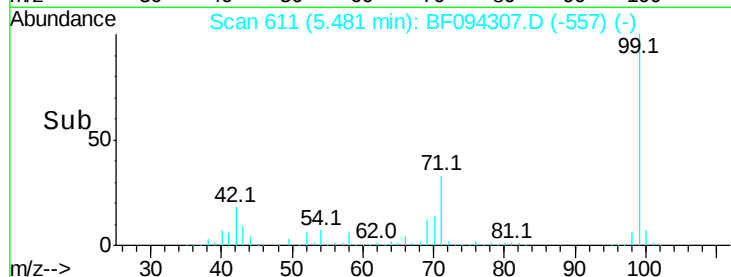
71 33.4 24.5 36.7



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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Tgt Ion: 136 Resp: 623138

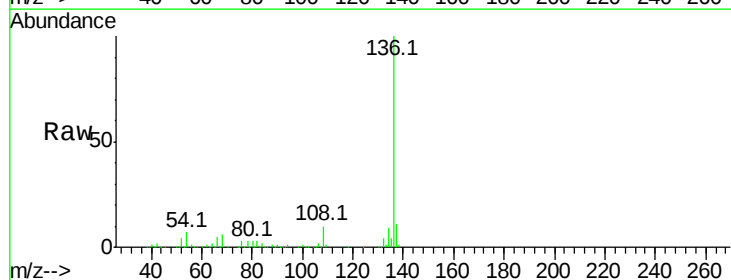
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

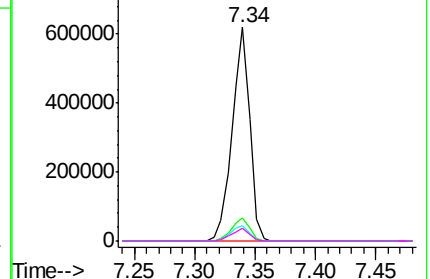
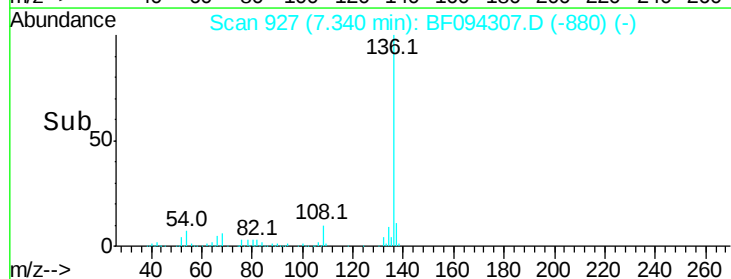


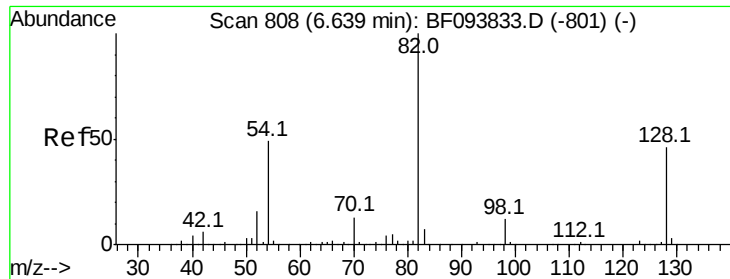
Abundance Ion 136.00 (135.70 to 136.70): E

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

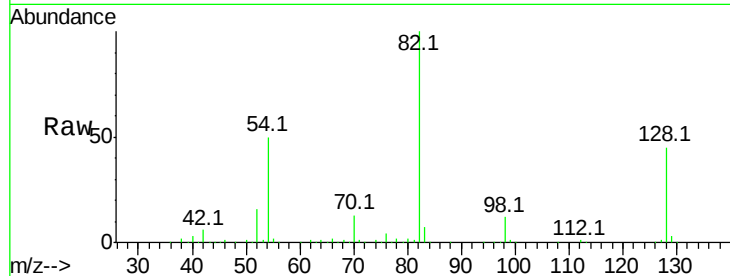




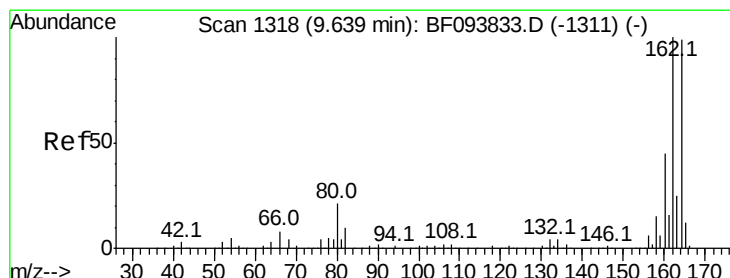
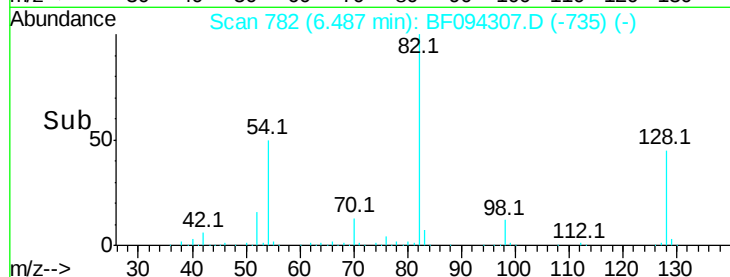
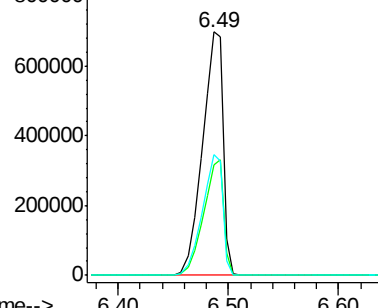
#23
 Nitrobenzene-d5
 Concen: 83.64 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleID :
 PB98131BL

Tot Ion	82	Resp	913249
Ion Ratio	100	Lower	Upper
128	45.2	34.0	51.0
54	49.8	42.2	63.2

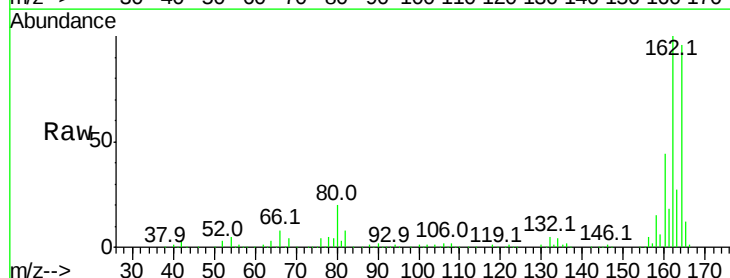


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

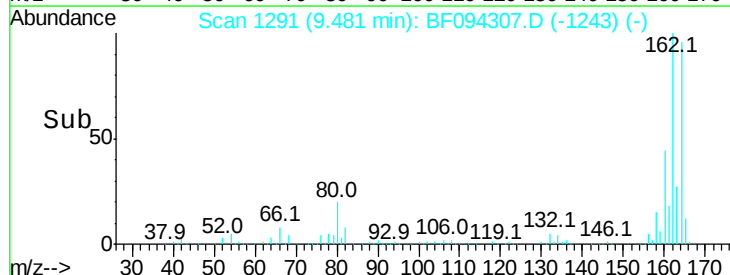
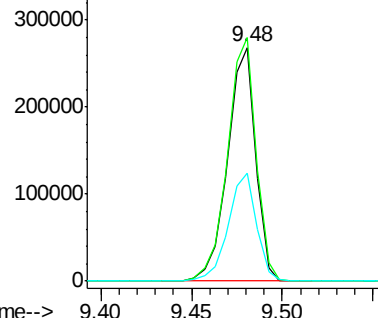


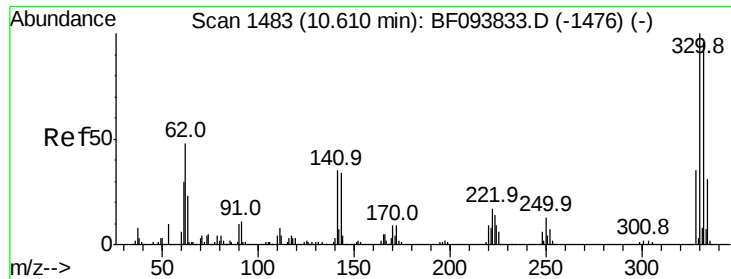
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion	164	Resp	289809
Ion Ratio	100	Lower	Upper
162	104.1	82.6	123.8
160	45.9	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

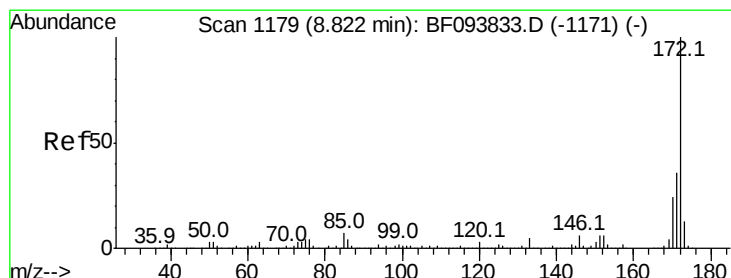
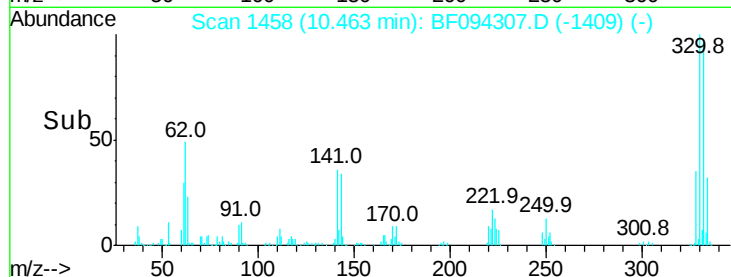
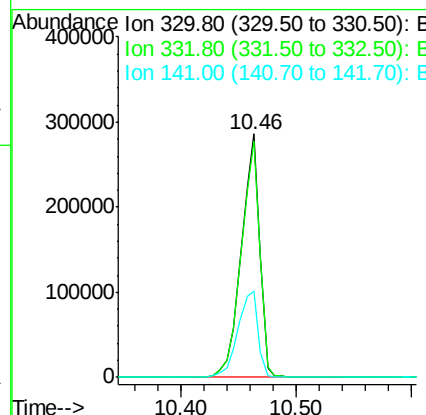
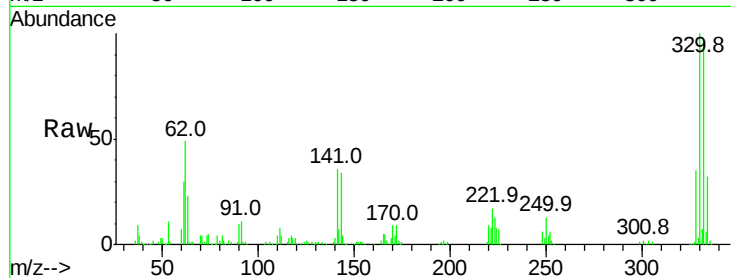




#41
 2,4,6-Tribromophenol
 Concen: 138.31 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

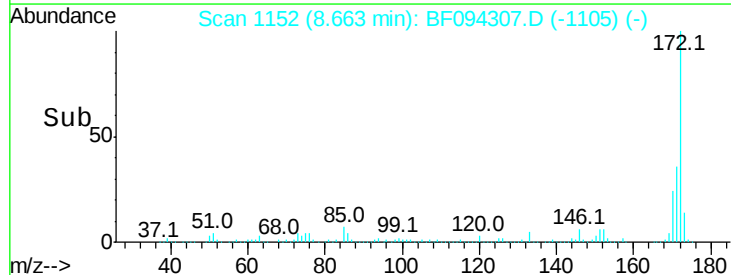
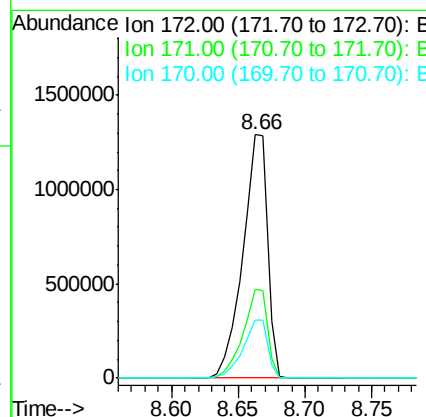
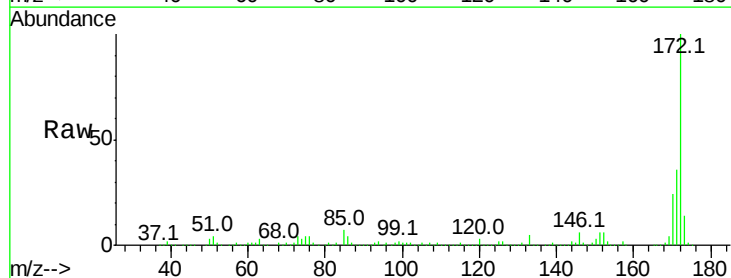
Instrument :
 BNA_F
 ClientSampleId :
 PB98131BL

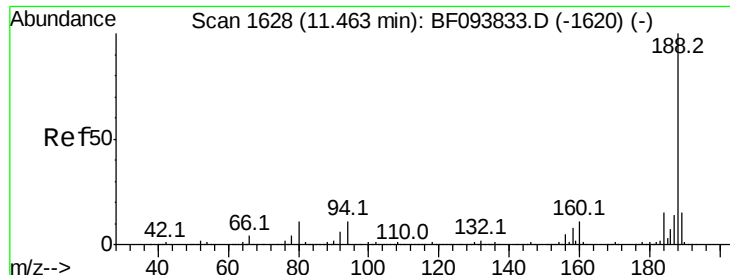
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	38.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 87.19 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

PB98131BL

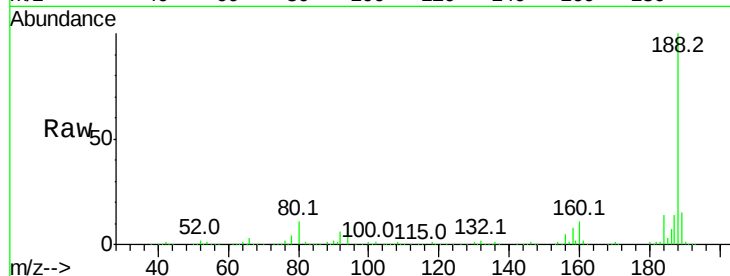
Tot Ion:188 Resp: 524973

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

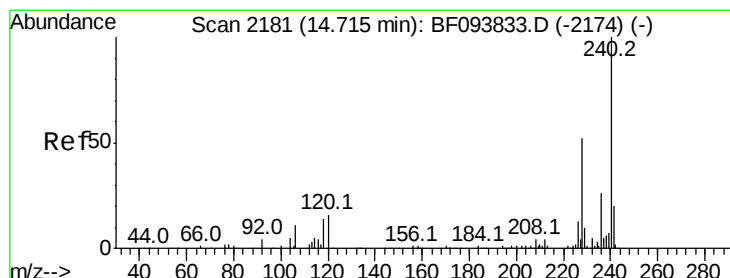
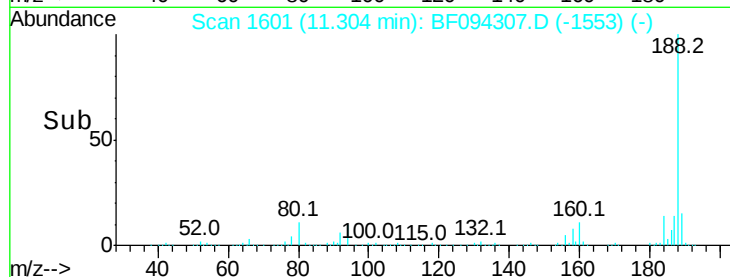
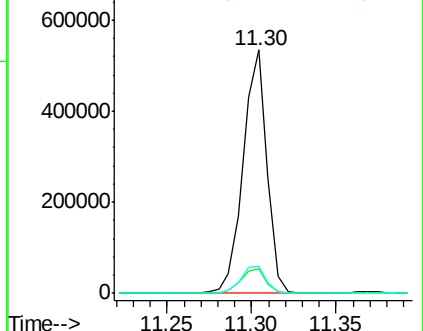
80 11.2 10.2 15.2



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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

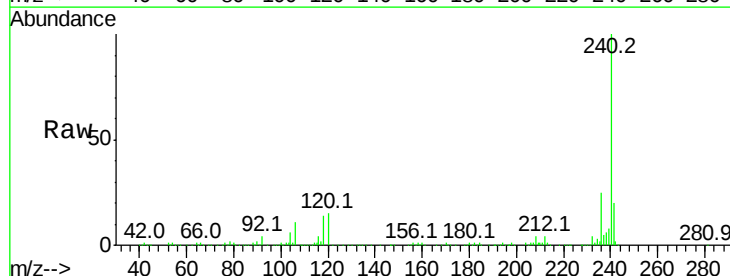
Tgt Ion:240 Resp: 423279

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

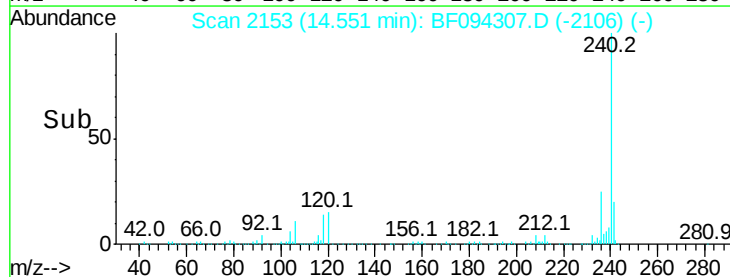
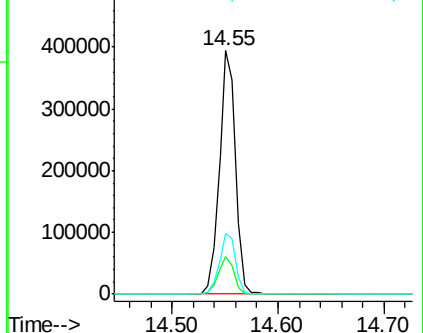
236 25.1 20.5 30.7

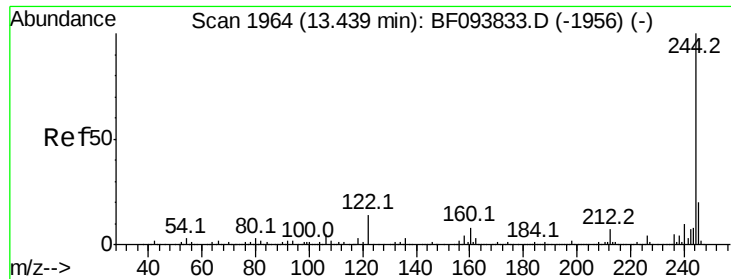


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.73 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

PB98131BL

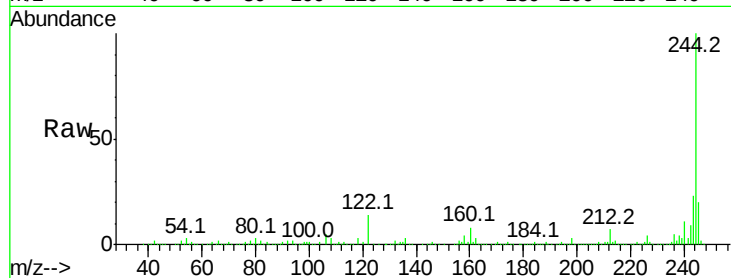
Tot Ion:244 Resp: 1449036

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

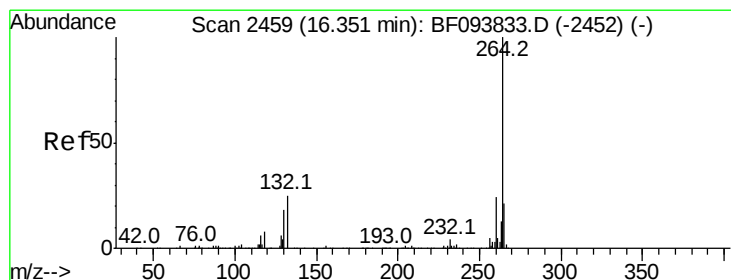
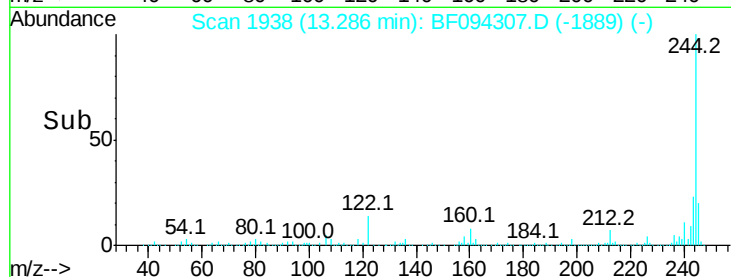
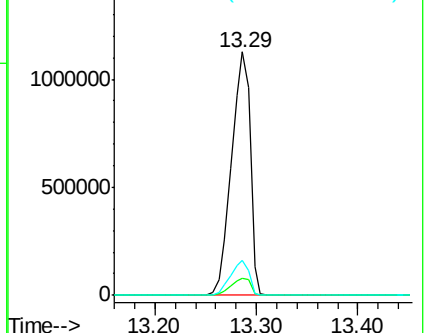
122 14.4 10.3 15.5



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

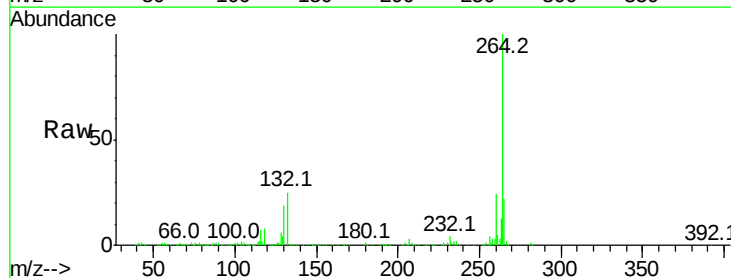
Tgt Ion:264 Resp: 276186

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 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

