

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094312.D
 Acq On : 10 Apr 2017 15:43
 Operator : SJ/MA
 Sample : PB98147BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BL

Quant Time: Apr 11 01:29:08 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	161774	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	652026	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	300867	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	534015	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	428815	20.00	ng	-0.02
86) Perylene-d12	16.18	264	286219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1202434	125.54	ng	0.02
7) Phenol-d6	5.48	99	1531039	129.21	ng	0.02
23) Nitrobenzene-d5	6.49	82	955784	83.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	332370	139.80	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1737835	88.10	ng	-0.02
78) Terphenyl-d14	13.29	244	1486623	77.71	ng	-0.01

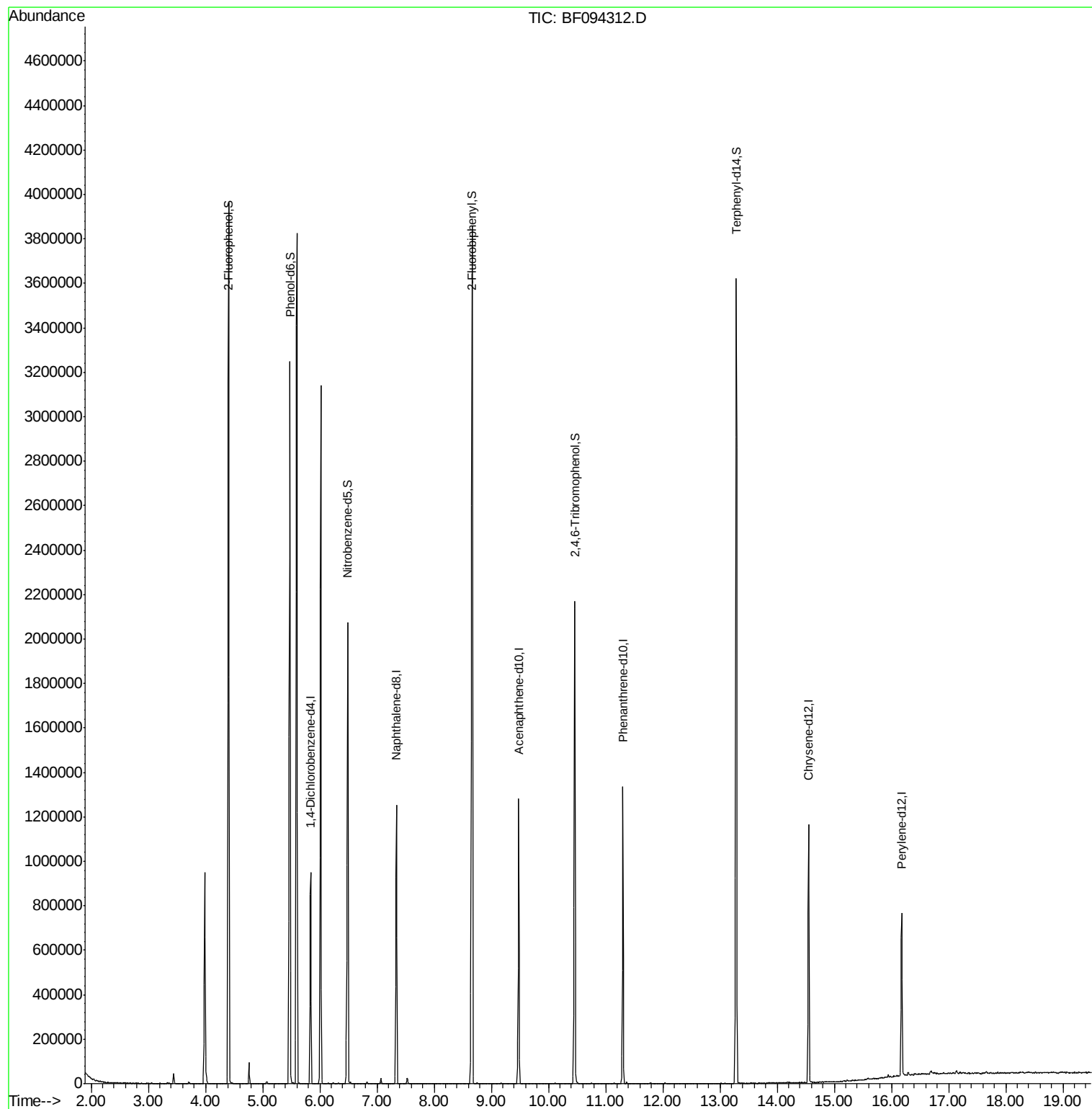
Target Compounds Qvalue

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

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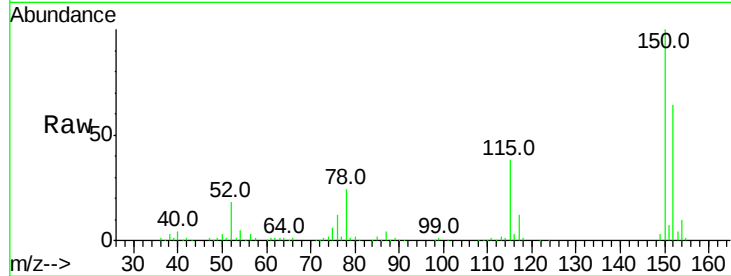


#1

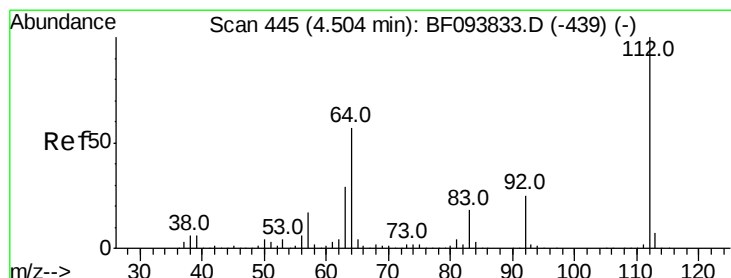
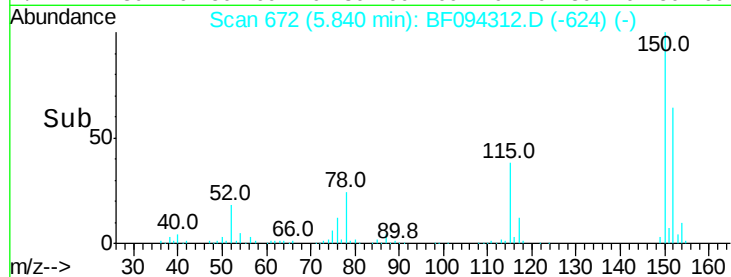
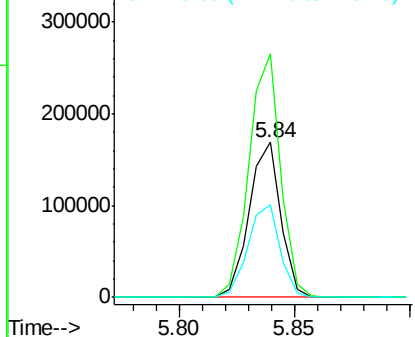
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Instrument :
BNA_F
ClientSampleId :
PB98147BL

Tot Ion:152 Resp: 161774
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 59.6 52.2 78.2



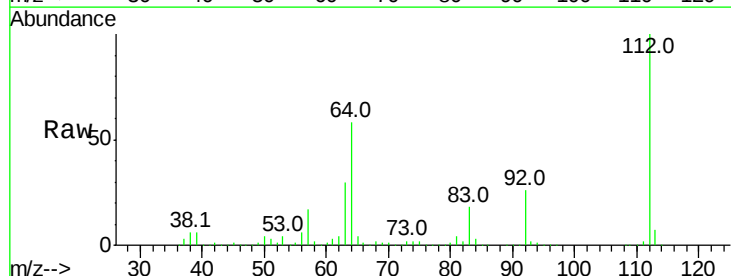
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



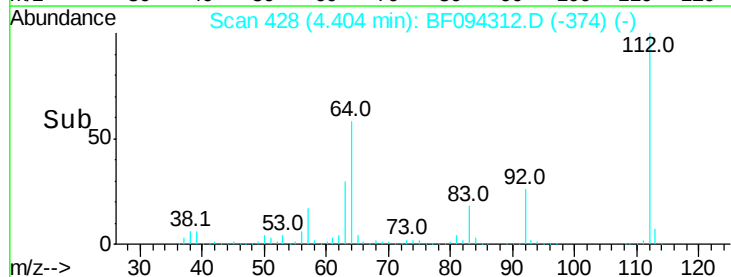
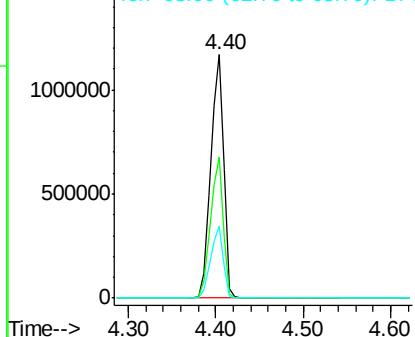
#5

2-Fluorophenol
Concen: 125.54 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Tgt Ion:112 Resp: 1202434
Ion Ratio Lower Upper
112 100
64 57.8 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: 129.21 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Instrument :

BNA_F

ClientSampleId :

PB98147BL

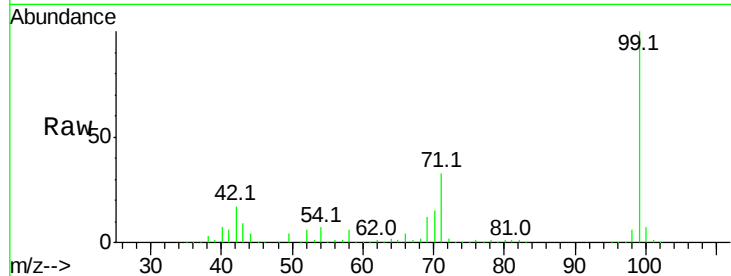
Tot Ion: 99 Resp: 1531039

Ion Ratio Lower Upper

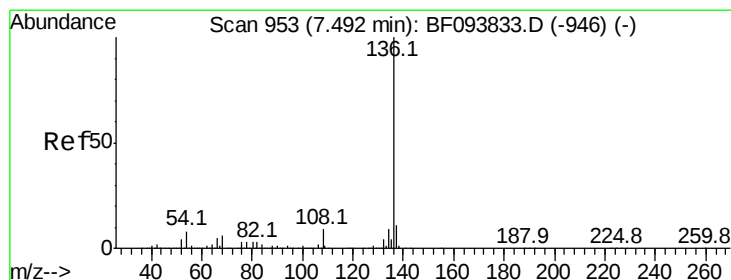
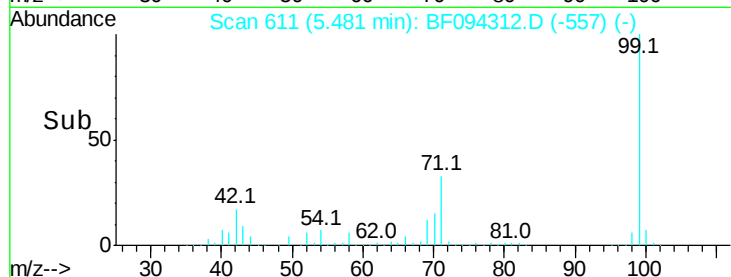
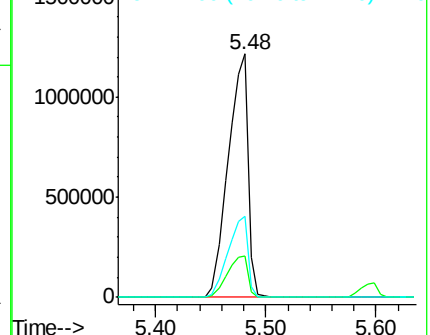
99 100

42 16.8 13.5 20.3

71 33.1 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: BF094312.D

Acq: 10 Apr 2017 15:43

Tgt Ion: 136 Resp: 652026

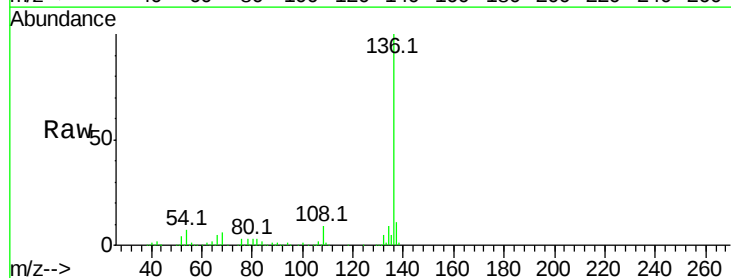
Ion Ratio Lower Upper

136 100

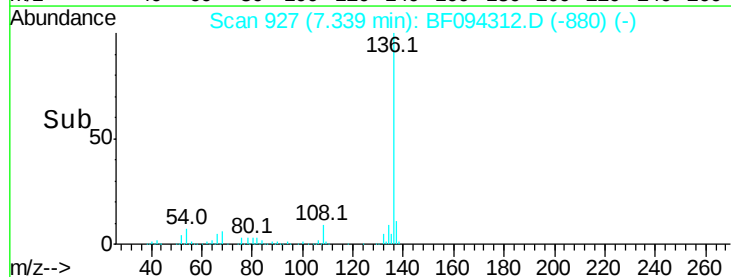
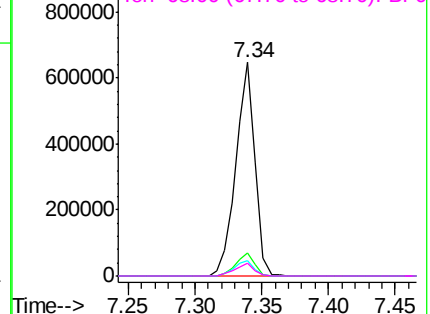
137 10.8 8.5 12.7

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

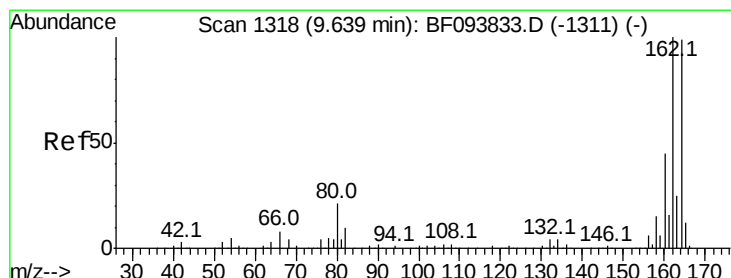
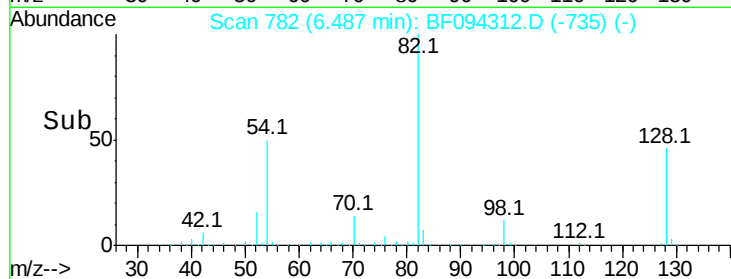
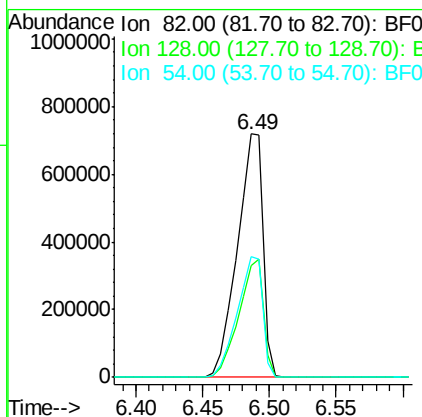
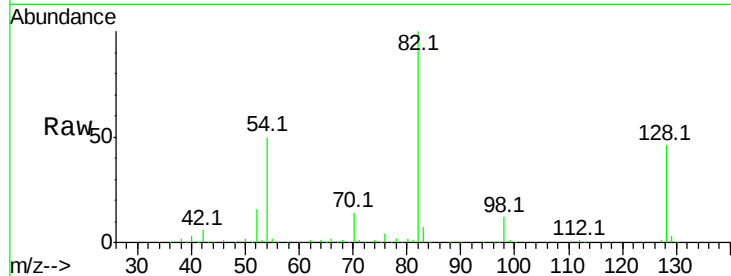




#23
 Nitrobenzene-d5
 Concen: 83.66 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

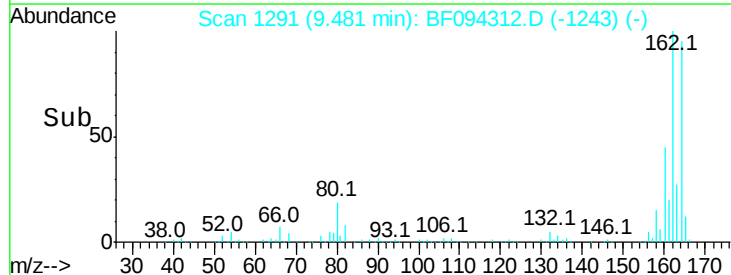
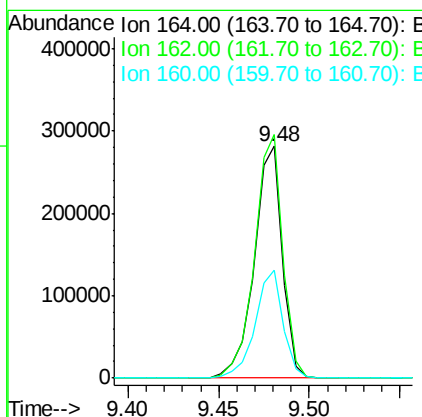
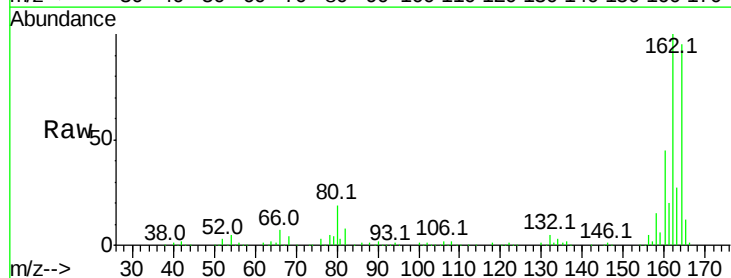
Instrument :
 BNA_F
 ClientSampleId :
 PB98147BL

Tot Ion	82	Resp	955784
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	49.8	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Tgt Ion	164	Resp	300867
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.6	123.8
160	46.7	36.2	54.2

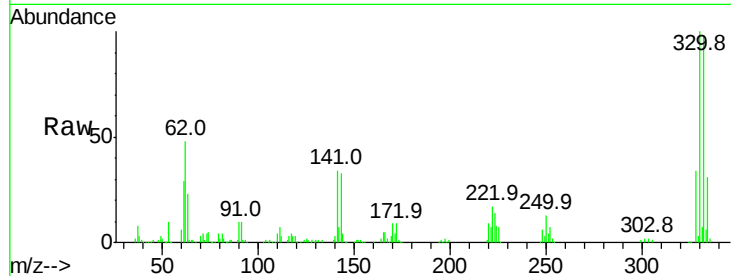




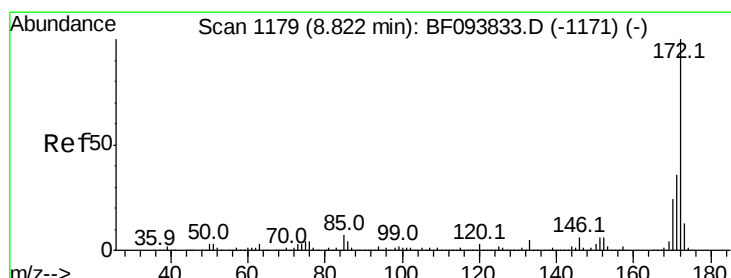
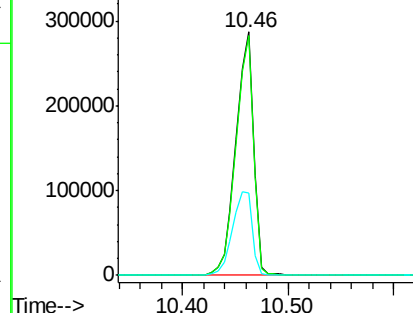
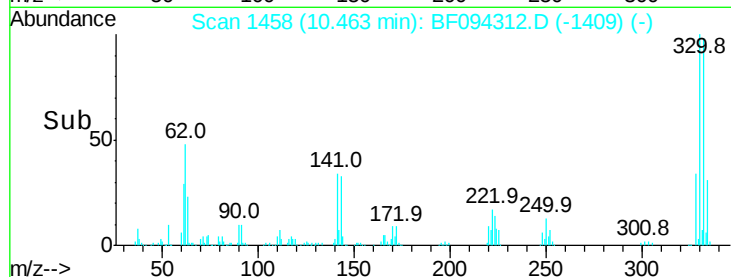
#41
 2,4,6-Tribromophenol
 Concen: 139.80 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB98147BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	38.2	31.4	47.2

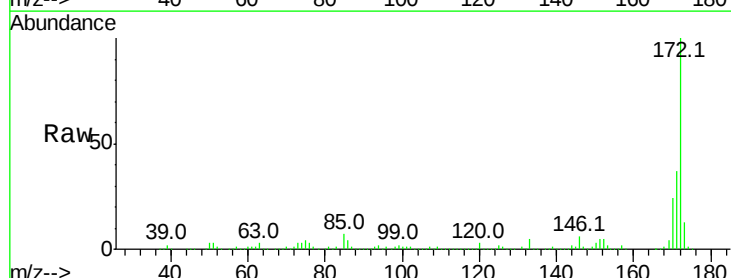


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

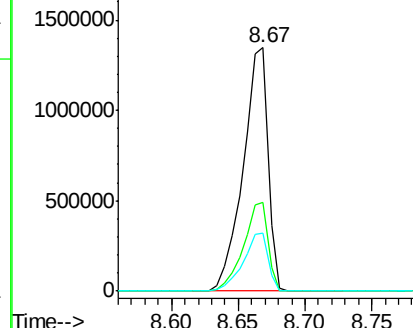
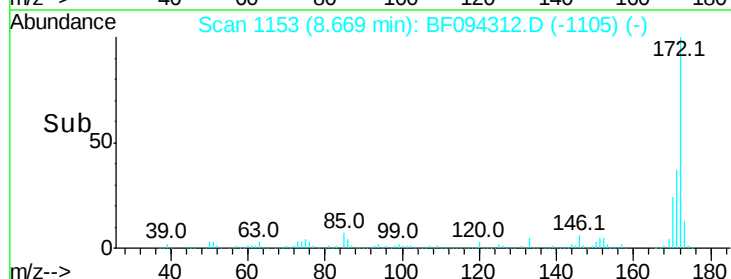


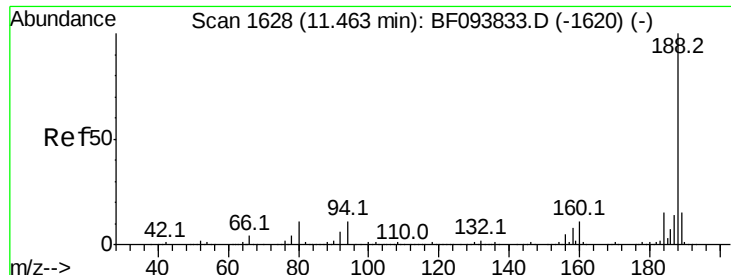
#44
 2-Fluorobiphenyl
 Concen: 88.10 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	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

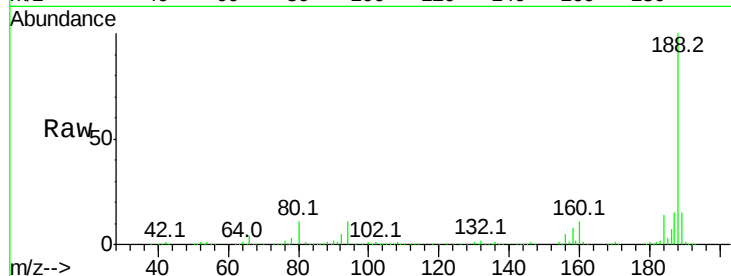




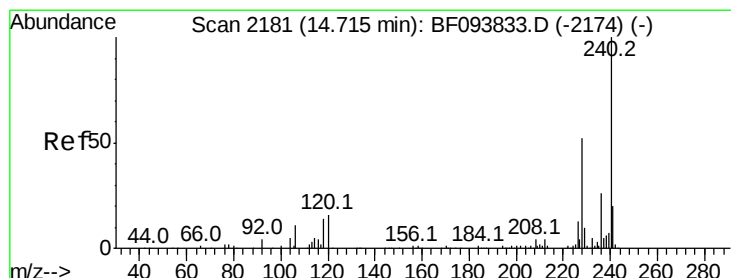
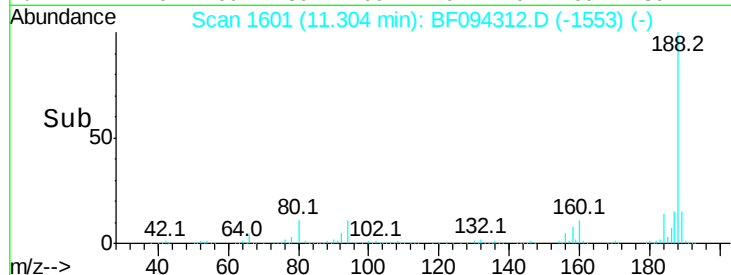
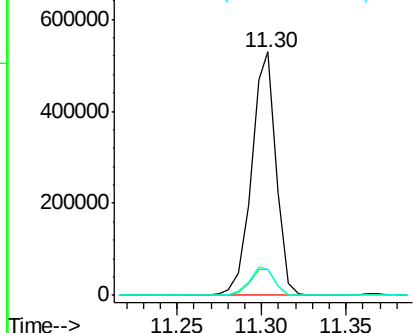
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Instrument :
BNA_F
ClientSampleId :
PB98147BL

Tot Ion:188 Resp: 534015
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2

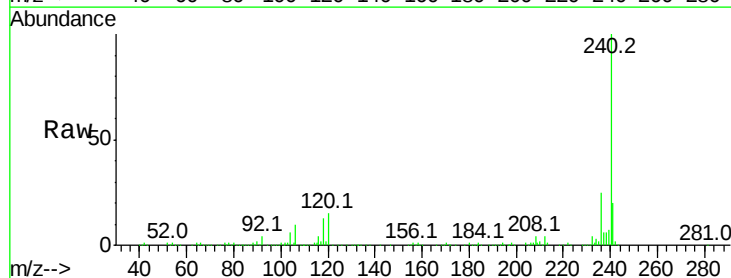


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

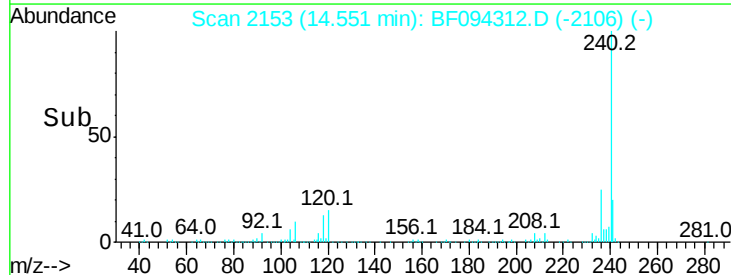
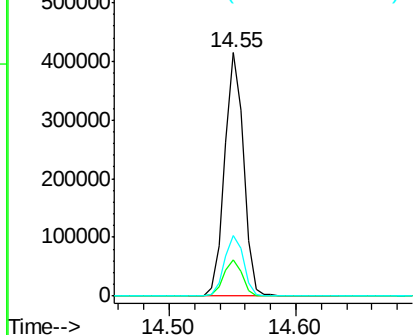


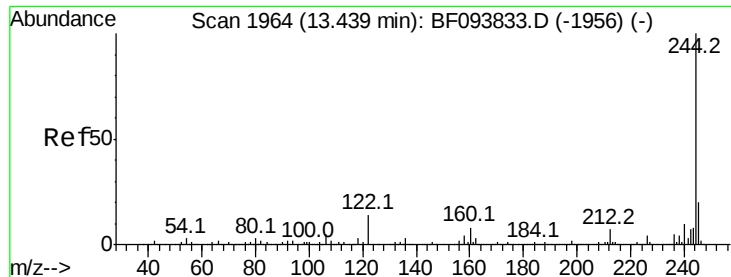
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Tgt Ion:240 Resp: 428815
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.8 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: 77.71 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Instrument :

BNA_F

ClientSampleId :

PB98147BL

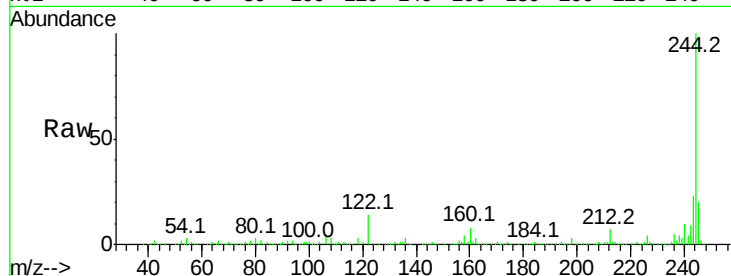
Tot Ion:244 Resp: 1486623

Ion Ratio Lower Upper

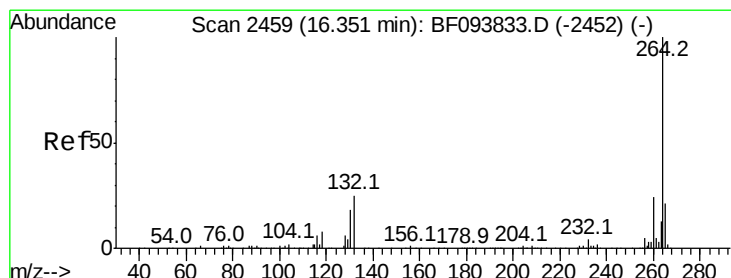
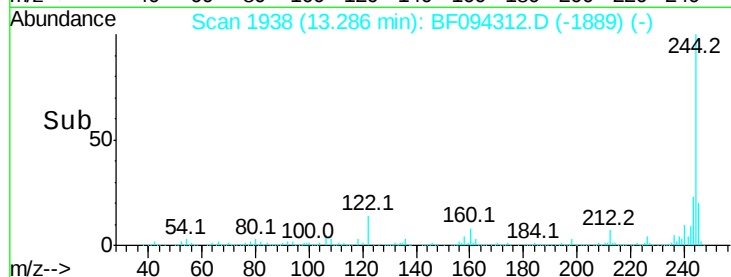
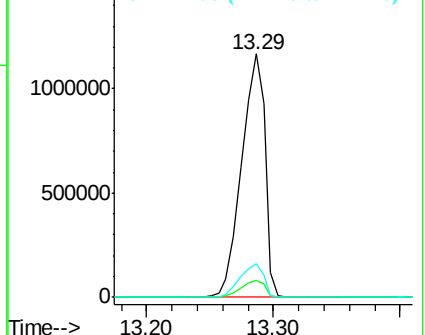
244 100

212 7.2 6.0 9.0

122 13.6 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: BF094312.D

Acq: 10 Apr 2017 15:43

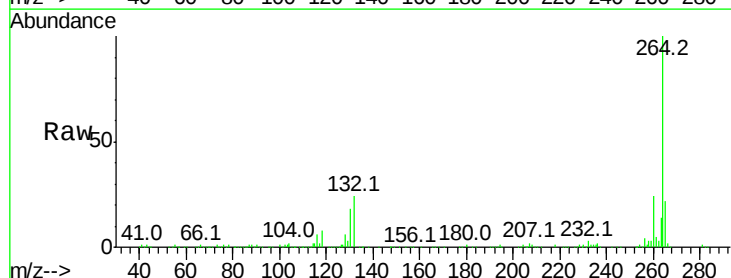
Tgt Ion:264 Resp: 286219

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.6 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

