

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094331.D
 Acq On : 11 Apr 2017 1:49
 Operator : SJ/MA
 Sample : I2601-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S2(6-8)

Quant Time: Apr 11 02:55:37 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

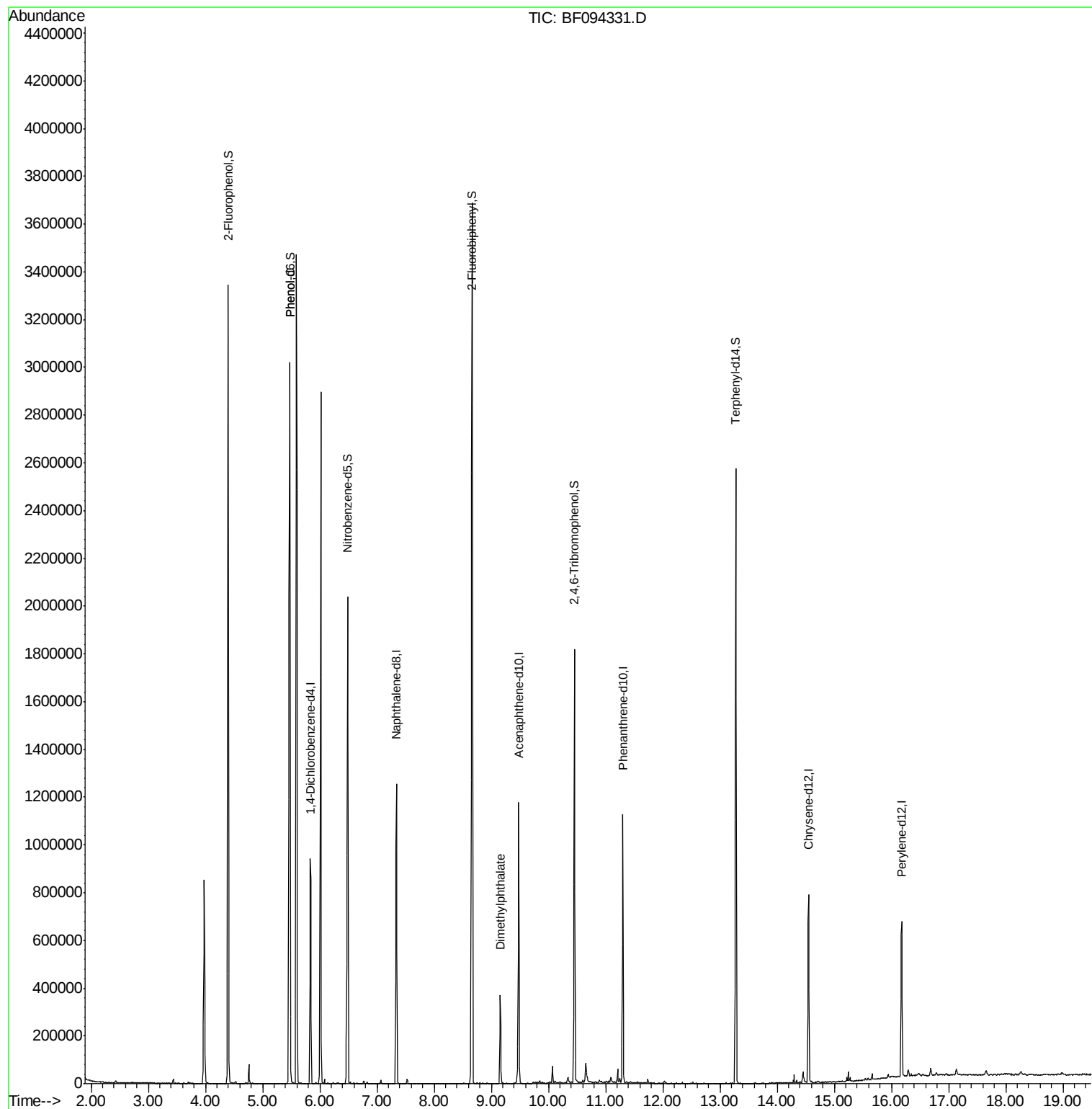
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	160965	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	634923	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	273370	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	441464	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	294447	20.00	ng	-0.02
86) Perylene-d12	16.18	264	256530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1029201	107.99	ng	0.01
7) Phenol-d6	5.47	99	1329261	112.75	ng	0.01
23) Nitrobenzene-d5	6.49	82	848938	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	231578	107.20	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1425662	79.54	ng	-0.02
78) Terphenyl-d14	13.28	244	924968	70.41	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	96554	7.20	ng	95
49) Dimethylphthalate	9.16	163	161149	8.29	ng	99

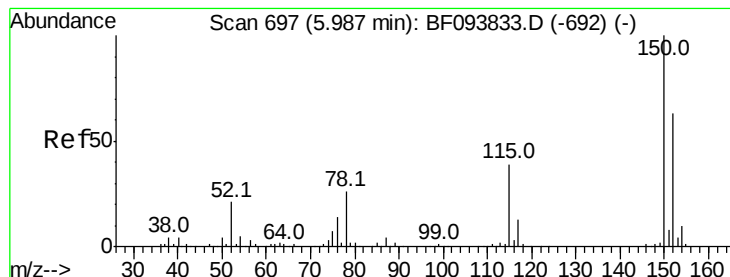
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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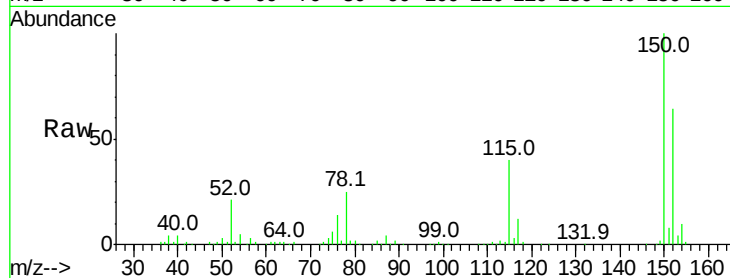


#1

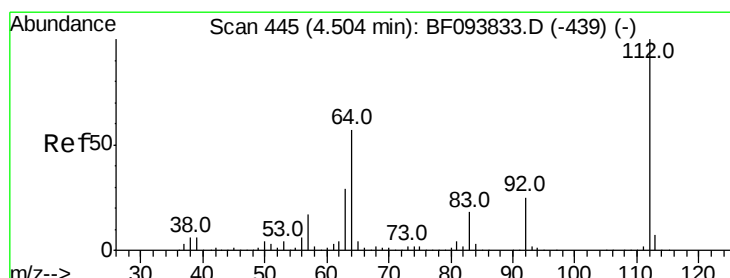
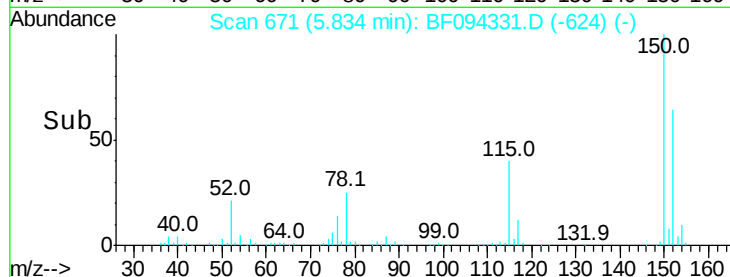
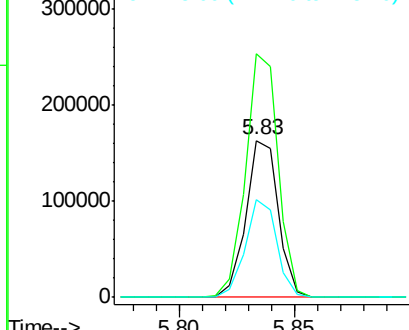
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Instrument :
BNA_F
ClientSampleId :
B-60-S2(6-8)

Tot Ion:152 Resp: 160965
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 62.0 52.2 78.2



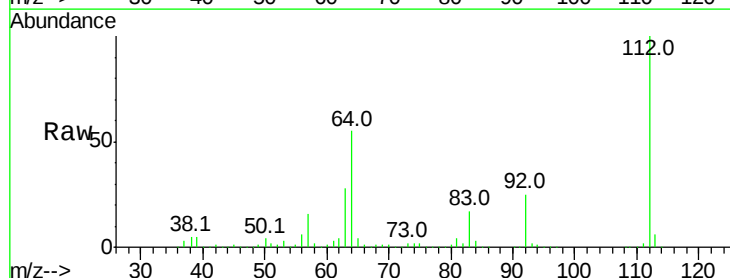
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



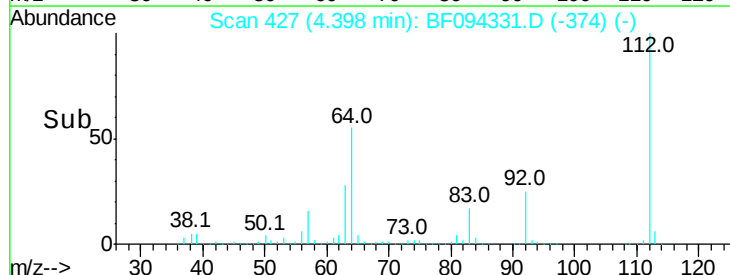
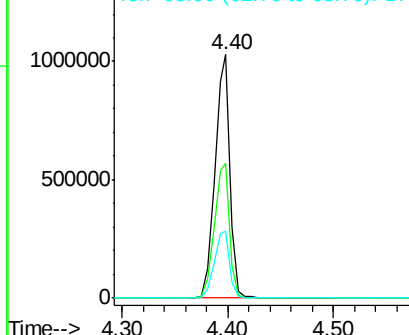
#5

2-Fluorophenol
Concen: 107.99 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Tgt Ion:112 Resp: 1029201
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.7 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: 112.75 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

B-60-S2(6-8)

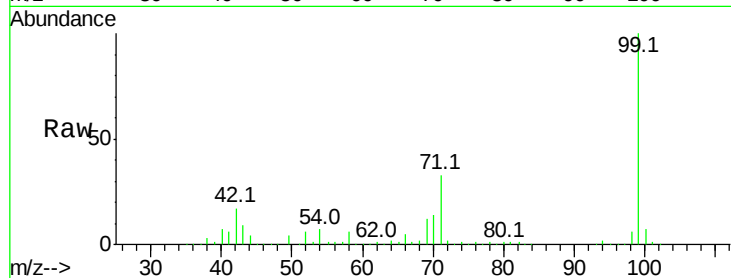
Tot Ion: 99 Resp: 1329261

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	32.9	24.5	36.7

99 100

42 17.2 13.5 20.3

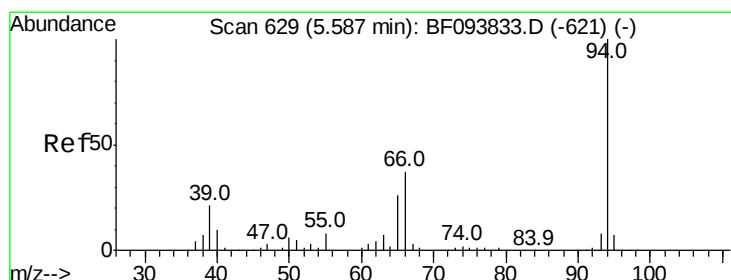
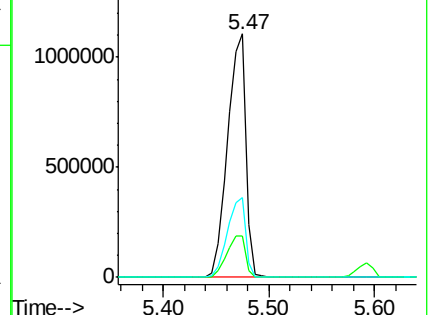
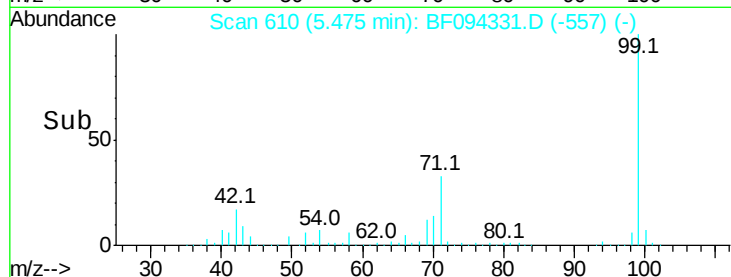
71 32.9 24.5 36.7



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



#10

Phenol

Concen: 7.20 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

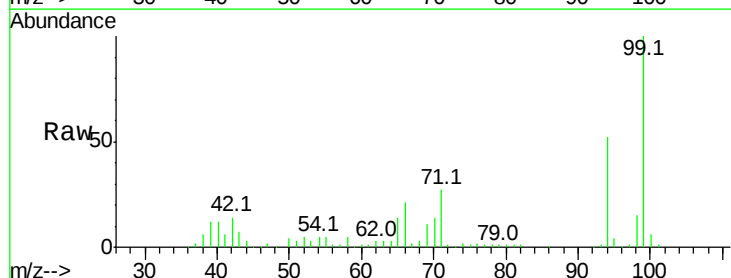
Tgt Ion: 94 Resp: 96554

Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	40.9	23.1	63.1

94 100

65 26.6 9.9 49.9

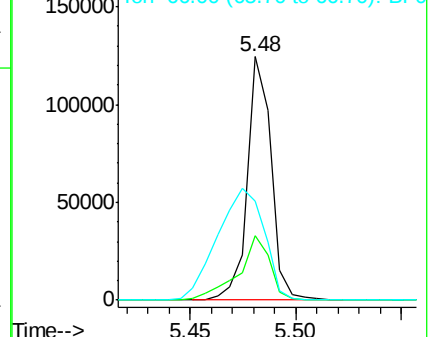
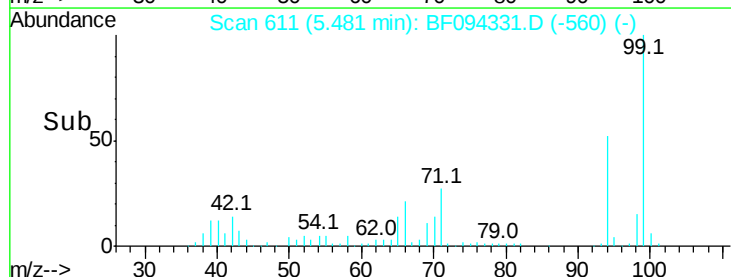
66 40.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

B-60-S2(6-8)

Tot Ion:136 Resp: 634923

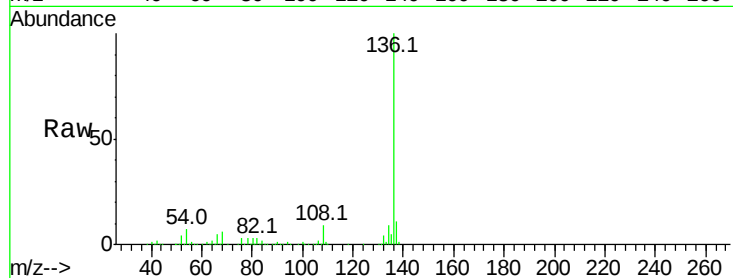
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

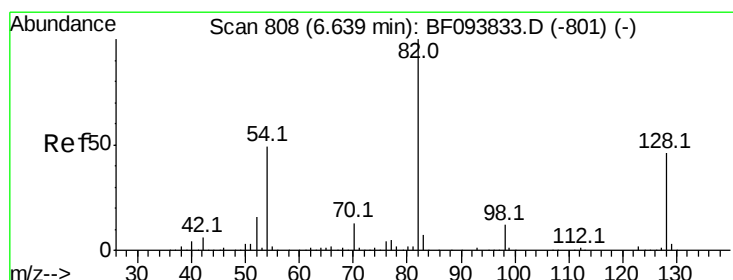
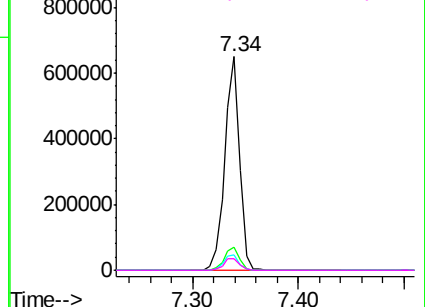
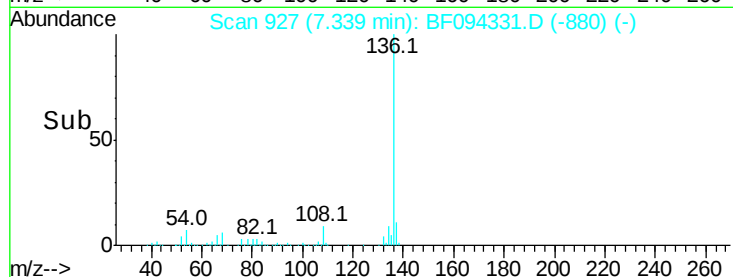


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.30 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

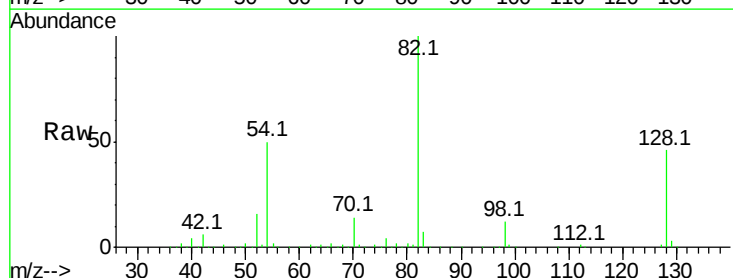
Tgt Ion: 82 Resp: 848938

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

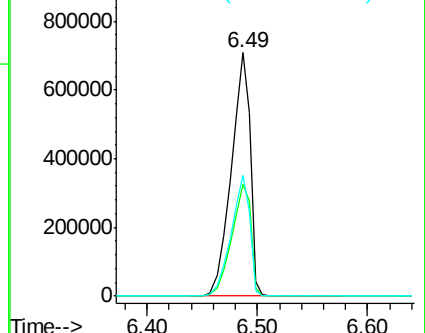
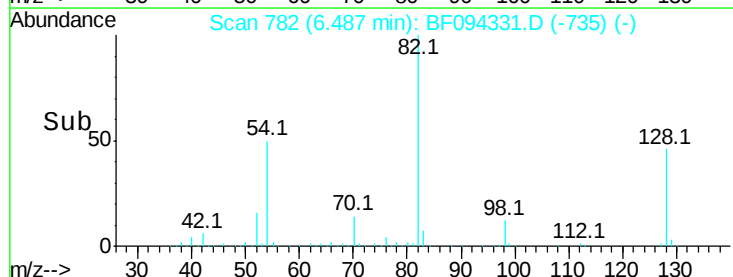
54 49.7 42.2 63.2

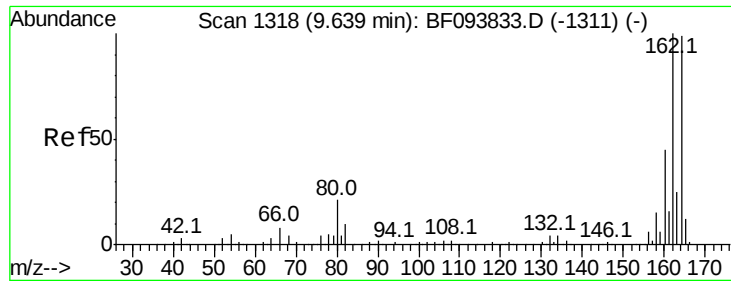


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

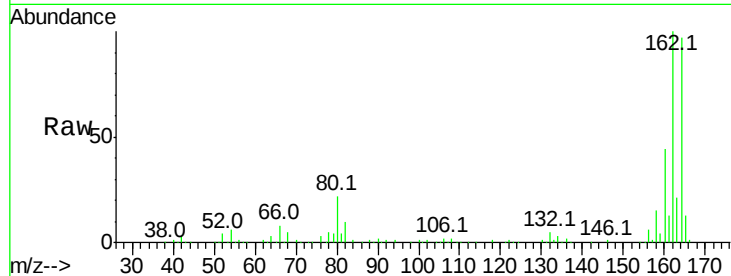




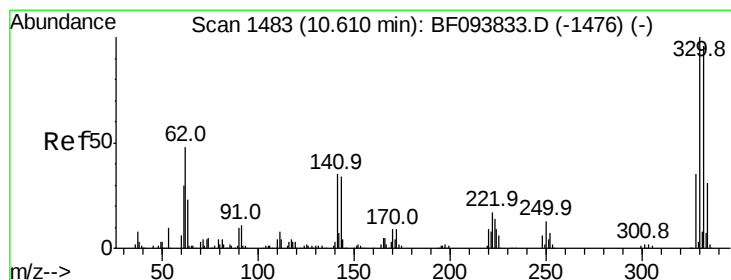
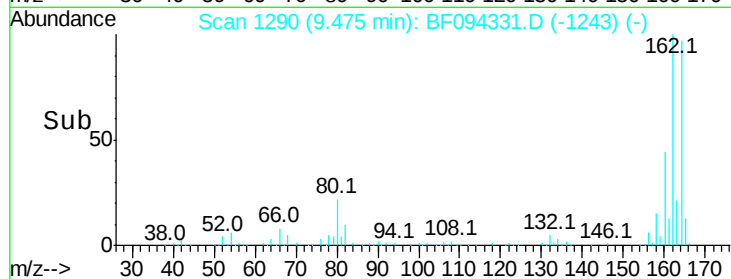
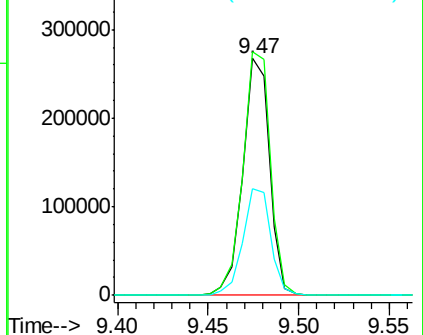
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S2(6-8)

Tot Ion:164 Resp: 273370
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.1 36.2 54.2

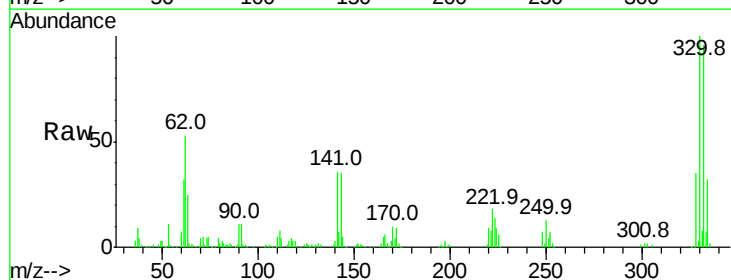


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

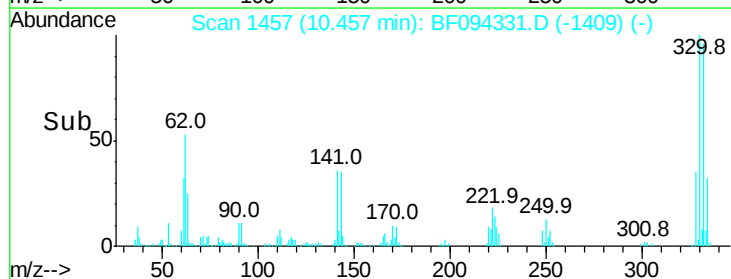
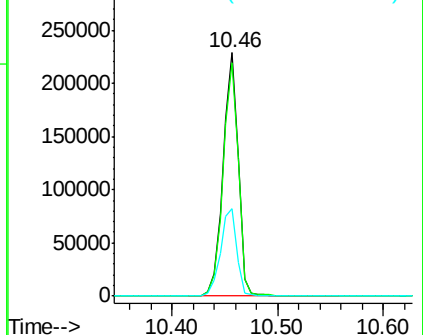


#41
 2,4,6-Tribromophenol
 Concen: 107.20 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:330 Resp: 231578
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.5 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



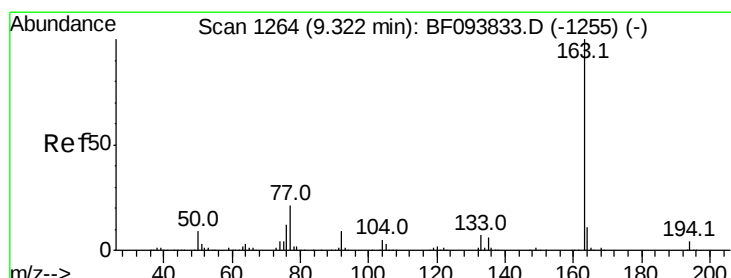
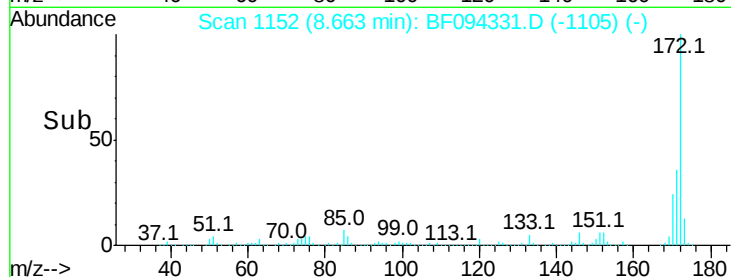
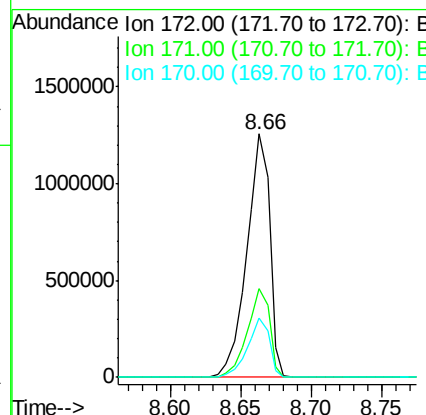
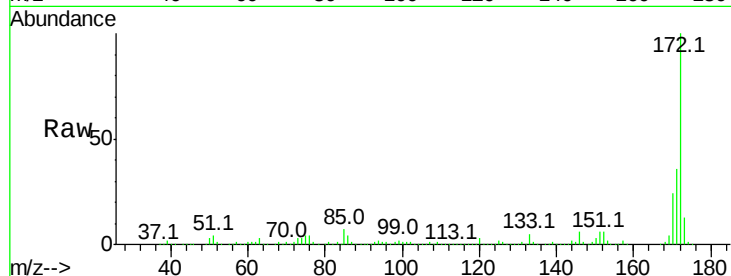


#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S2(6-8)

Tot Ion:172 Resp: 1425662

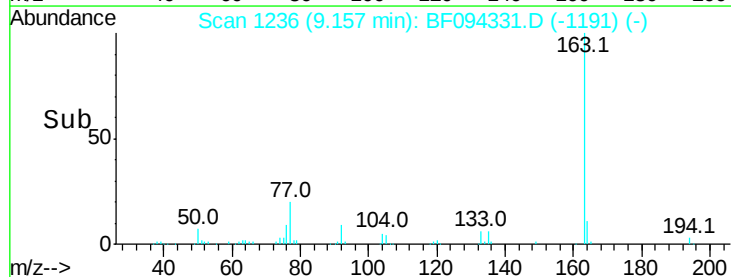
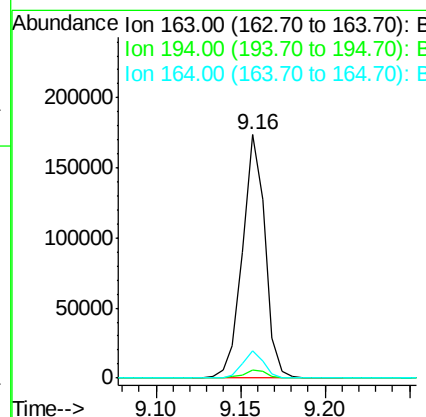
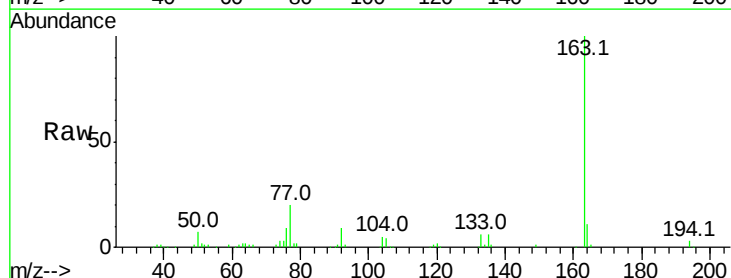
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8

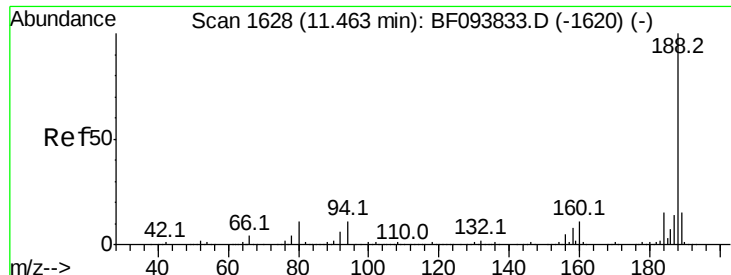


#49
 Dimethylphthalate
 Concen: 8.29 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:163 Resp: 161149

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.1	8.4	12.6

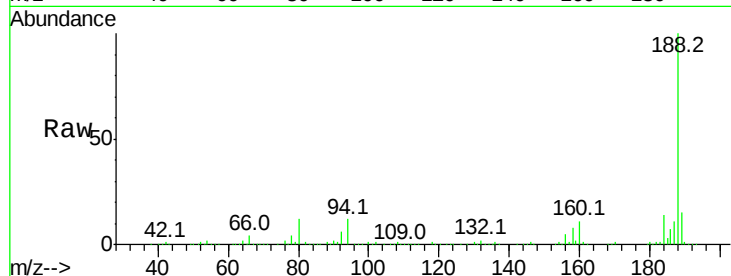




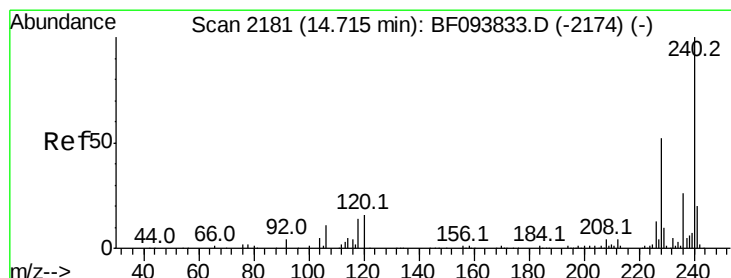
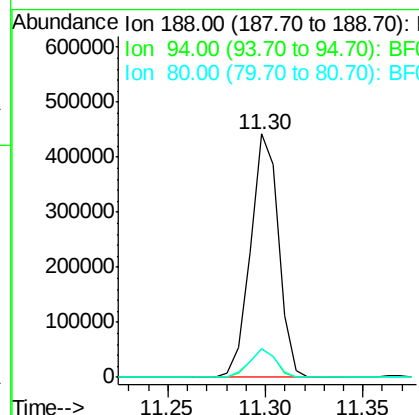
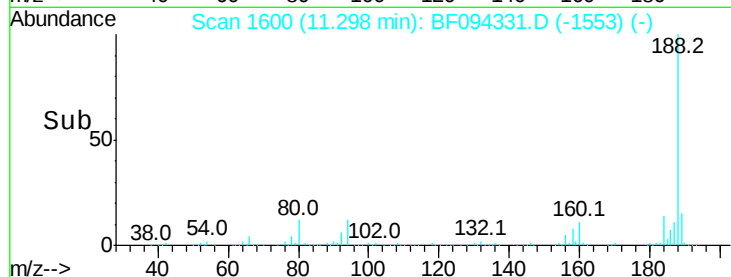
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Instrument :
BNA_F
ClientSampleId :
B-60-S2(6-8)

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2

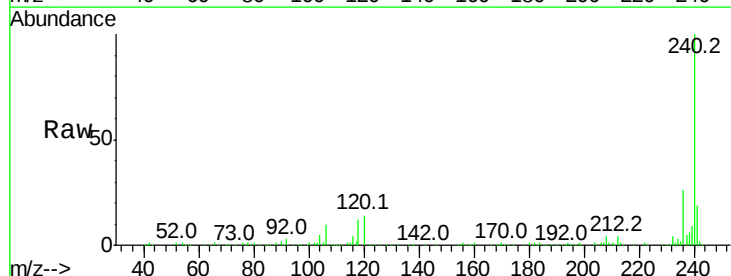


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

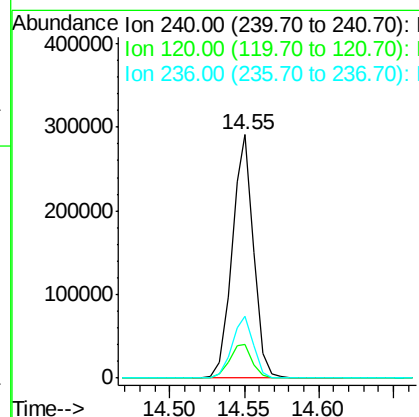
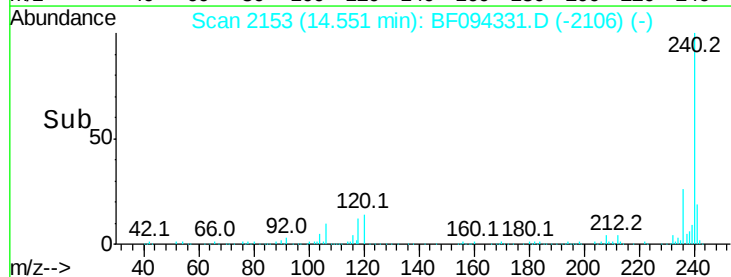


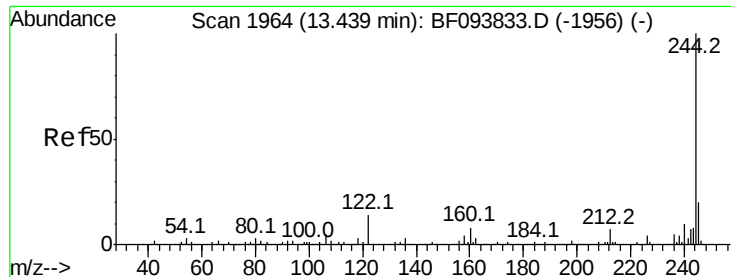
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.5	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: 70.41 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampled :

B-60-S2(6-8)

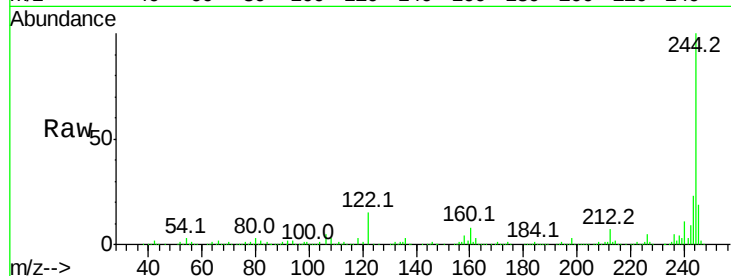
Tot Ion:244 Resp: 924968

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

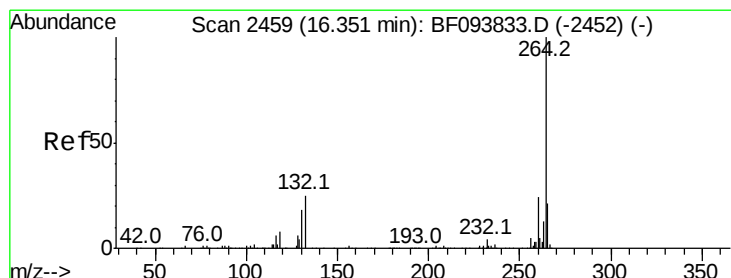
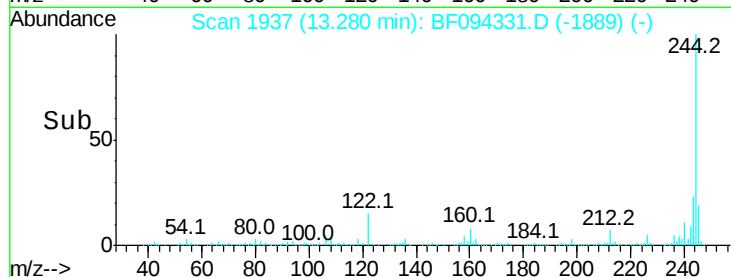
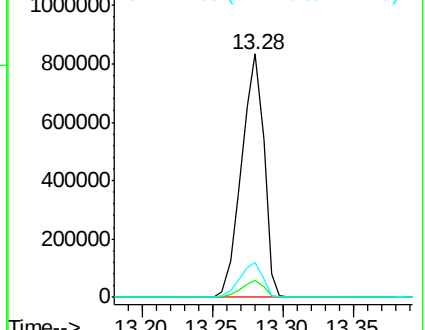
122 14.5 10.3 15.5



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

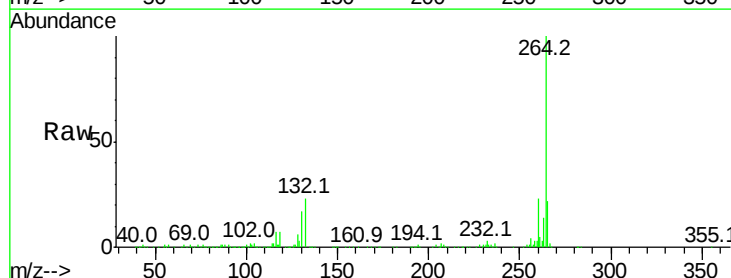
Tgt Ion:264 Resp: 256530

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.8 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

