

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094272.D
 Acq On : 7 Apr 2017 14:51
 Operator : SJ/MA
 Sample : I2528-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-6

Quant Time: Apr 07 15:46:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 14:38:56 2017
 Response via : Initial Calibration

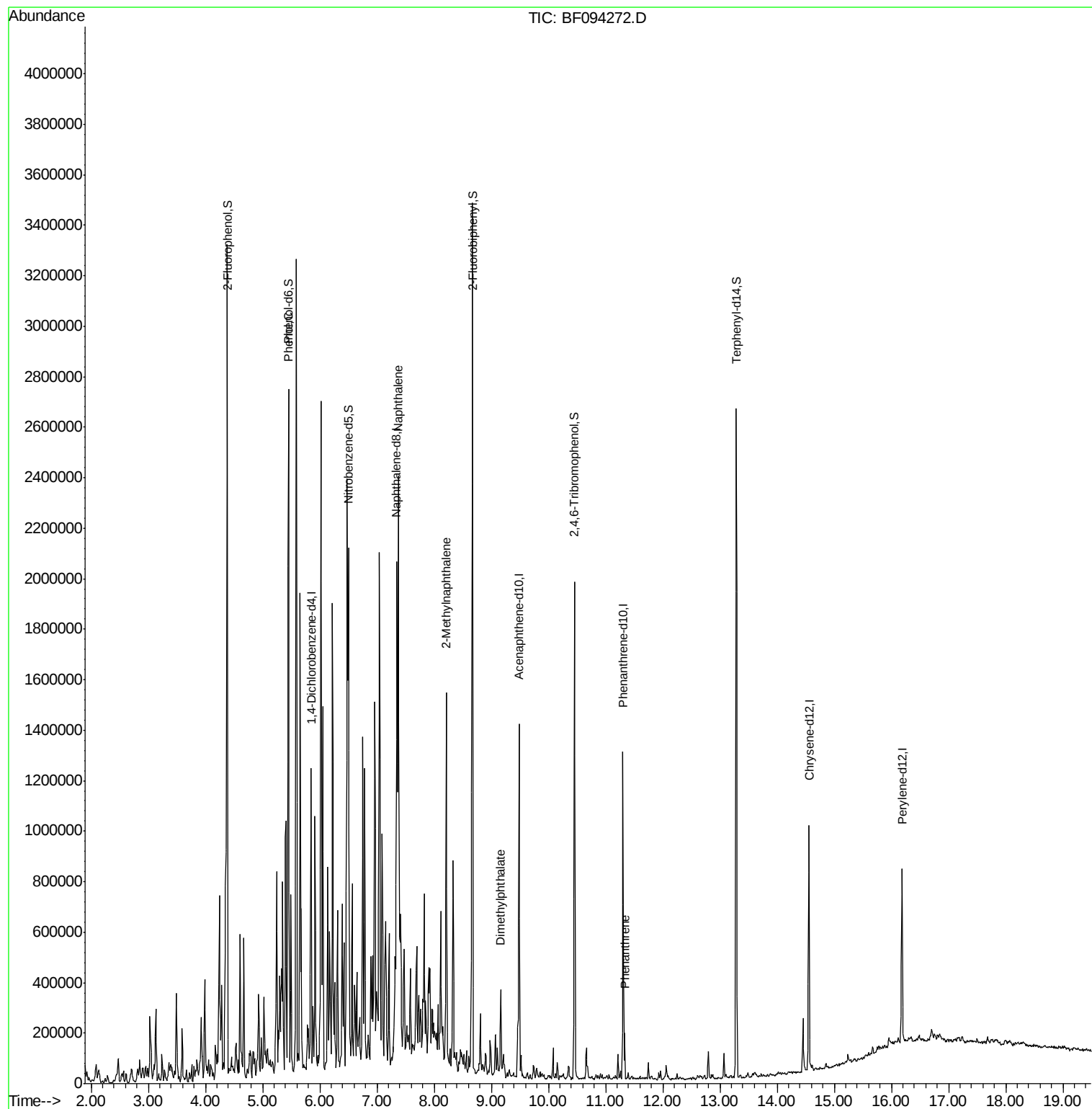
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	176402	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	678738	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	317925	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	532033	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	351832	20.00	ng	-0.01
86) Perylene-d12	16.19	264	278775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	975506	93.40	ng	0.00
7) Phenol-d6	5.45	99	1239459	95.93	ng	0.00
23) Nitrobenzene-d5	6.50	82	737688	62.03	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	246466	98.10	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1259694	60.43	ng	0.00
78) Terphenyl-d14	13.29	244	921862	58.73	ng	0.00
Target Compounds						
10) Phenol	5.46	94	88462	6.02	ng	94
31) Naphthalene	7.37	128	902048	27.64	ng	100
37) 2-Methylnaphthalene	8.22	142	444724	20.44	ng	99
49) Dimethylphthalate	9.16	163	150811	6.67	ng	99
70) Phenanthrene	11.33	178	66565	2.25	ng	96

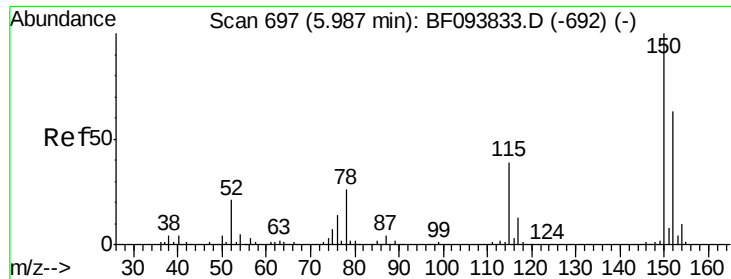
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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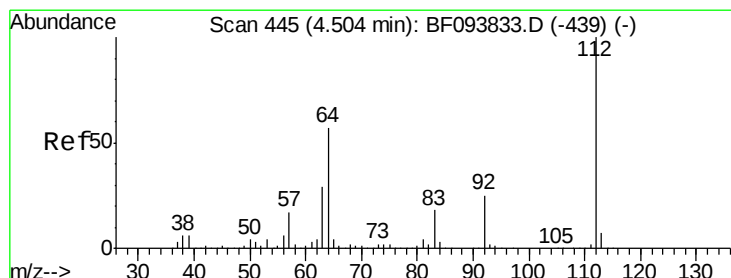
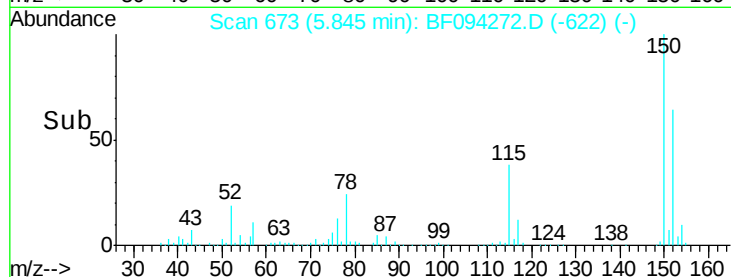
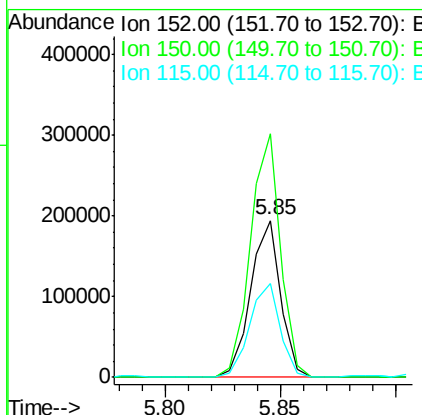
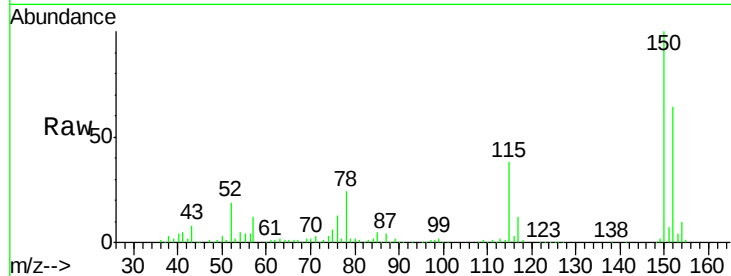


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
TS-6

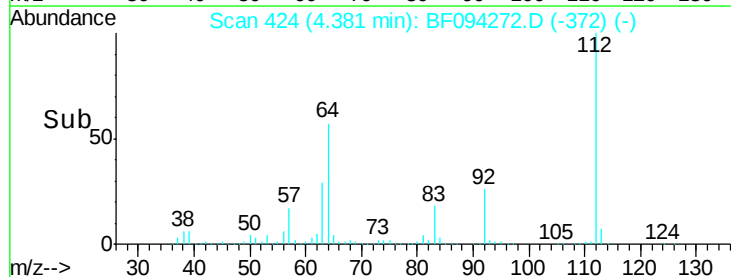
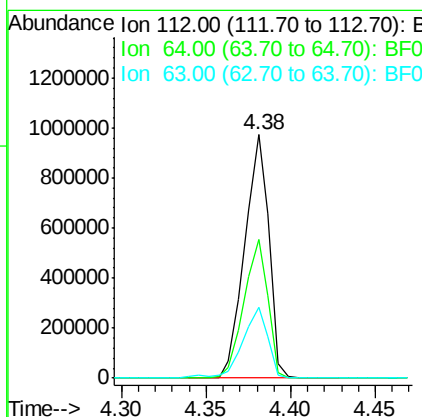
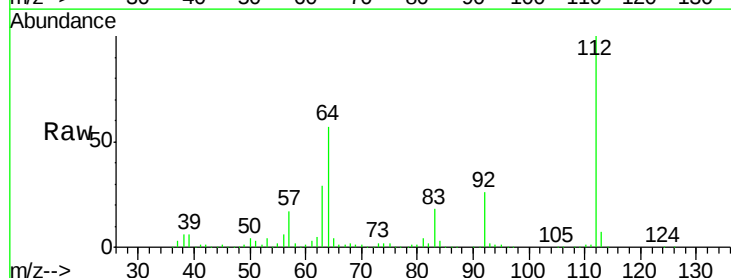
Tot Ion:152 Resp: 176402
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 59.8 52.2 78.2

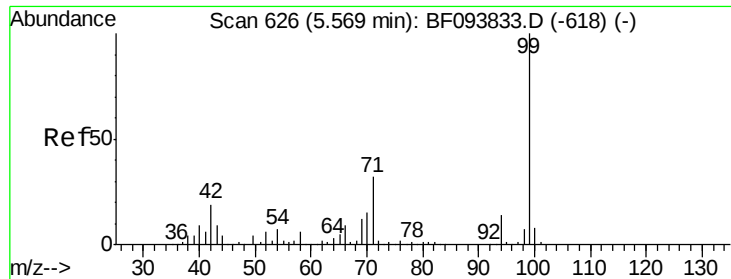


#5

2-Fluorophenol
Concen: 93.40 ng
RT: 4.38 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

Tgt Ion:112 Resp: 975506
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 29.3 23.4 35.0





#7

Phenol-d6

Concen: 95.93 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

TS-6

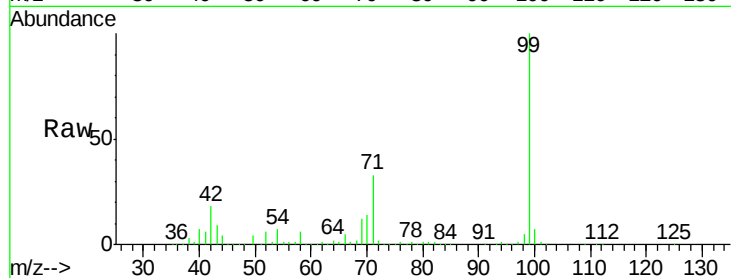
Tot Ion: 99 Resp: 1239459

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

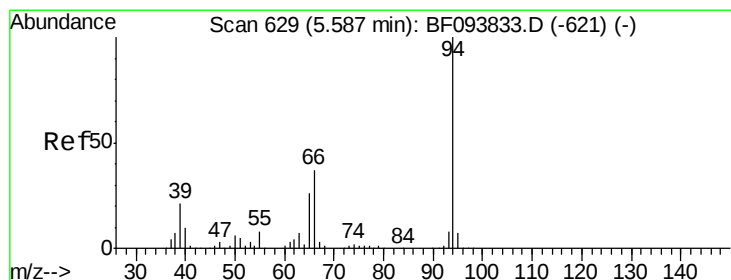
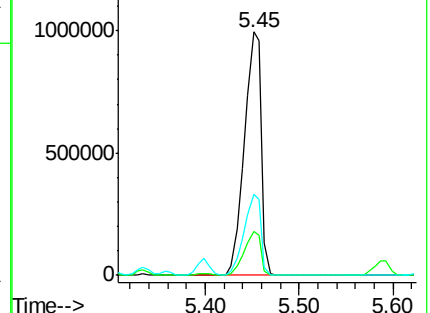
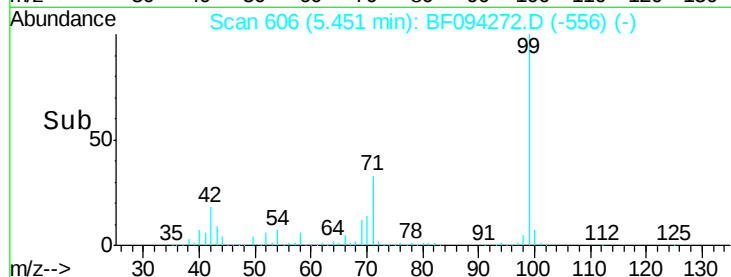
71 33.5 24.5 36.7



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



#10

Phenol

Concen: 6.02 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

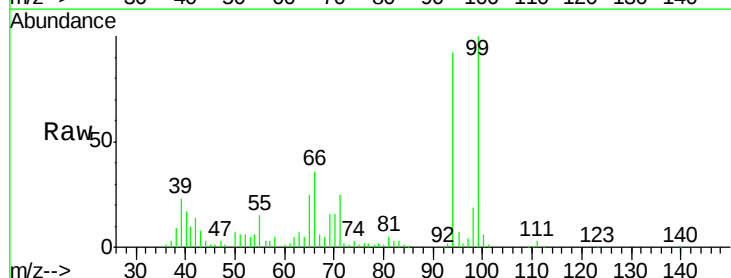
Tgt Ion: 94 Resp: 88462

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

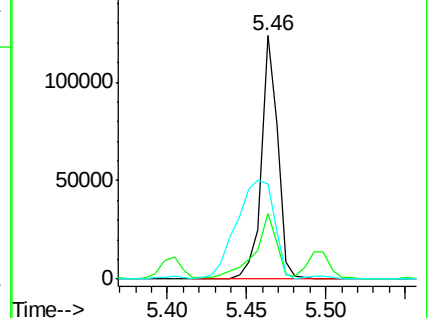
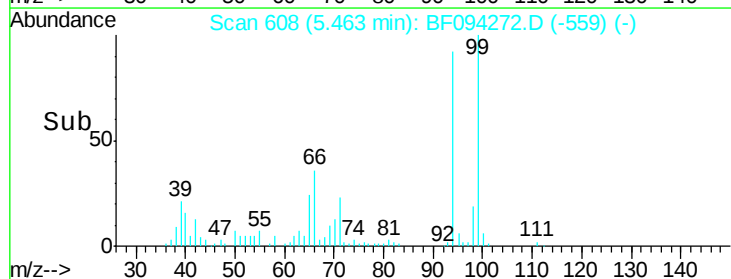
66 39.2 23.1 63.1

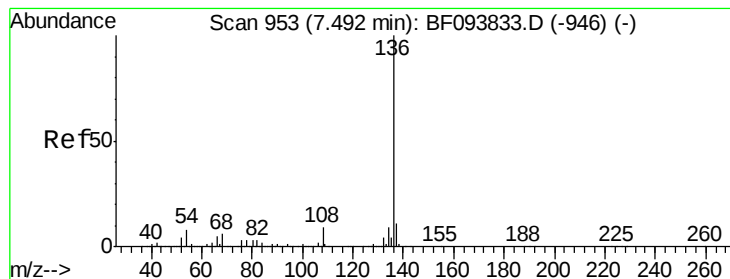


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.35 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

Instrument :

BNA_F

ClientSampled :

TS-6

Tot Ion:136 Resp: 678738

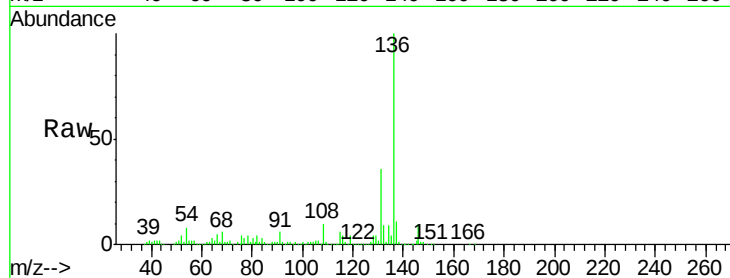
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 6.2 4.1 6.1#

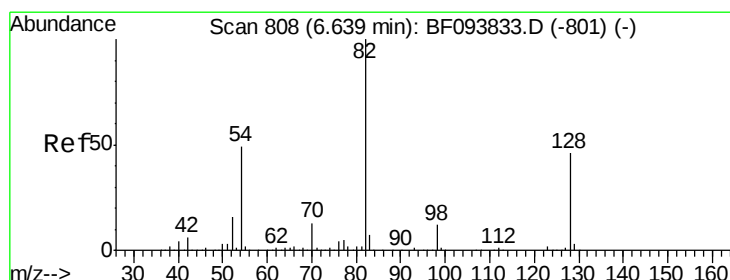
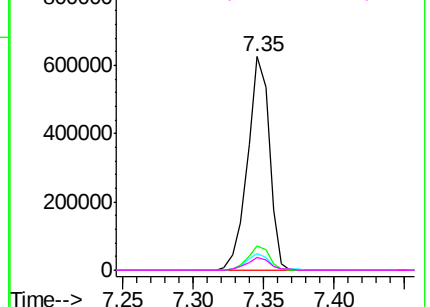
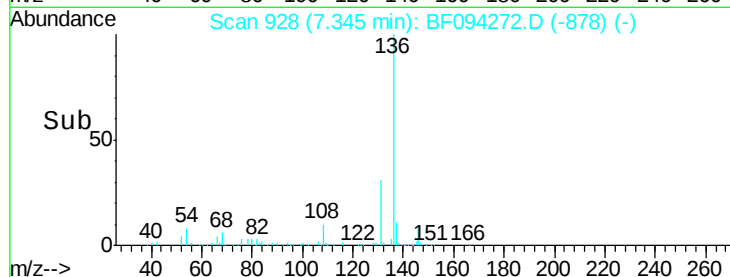


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.03 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

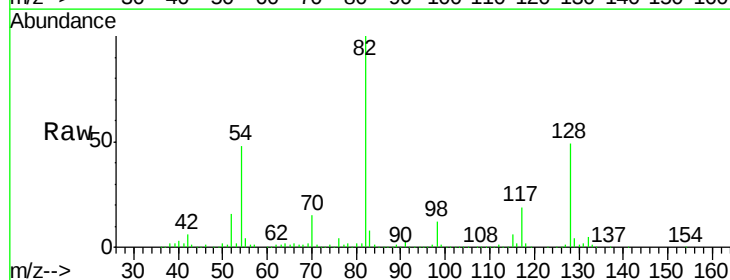
Tgt Ion: 82 Resp: 737688

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

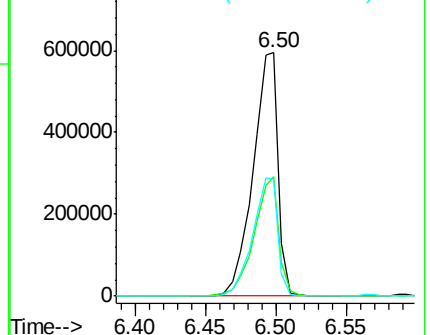
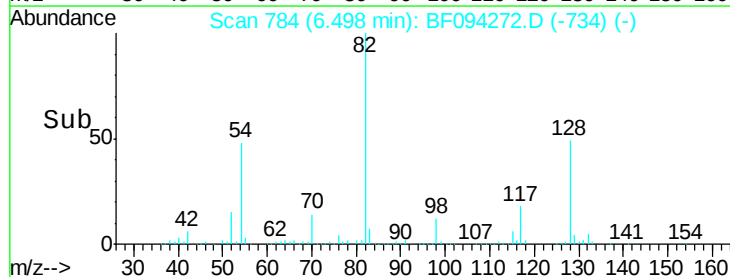
54 47.8 42.2 63.2

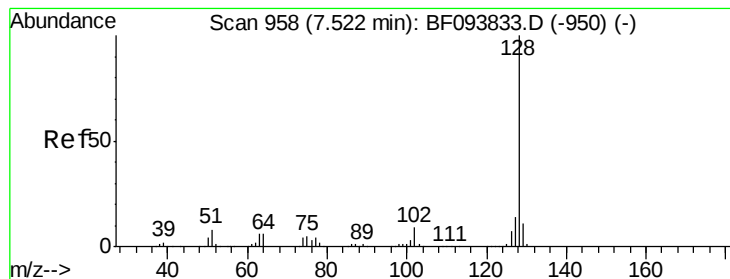


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 27.64 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

TS-6

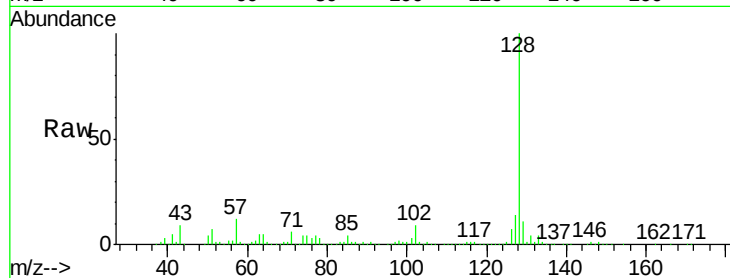
Tot Ion:128 Resp: 902048

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

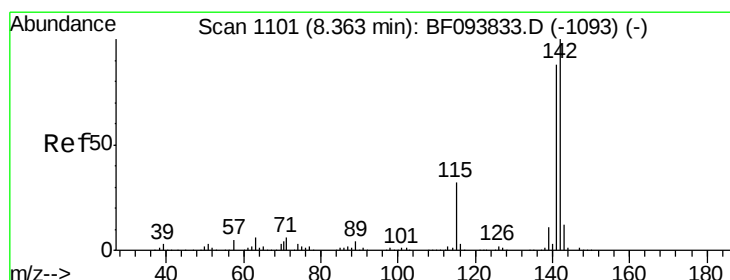
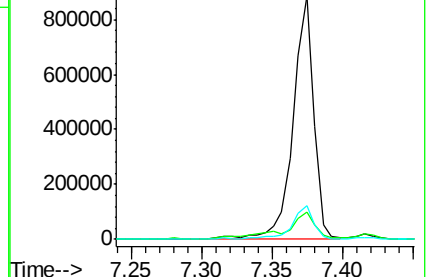
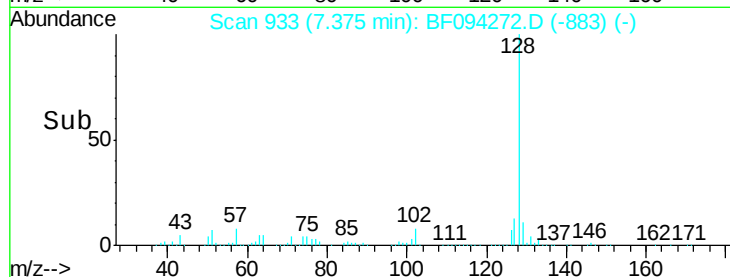
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 20.44 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

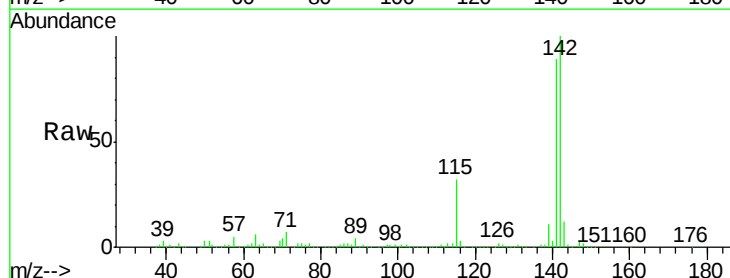
Tgt Ion:142 Resp: 444724

Ion Ratio Lower Upper

142 100

141 89.2 71.3 106.9

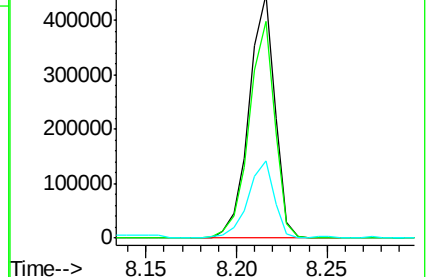
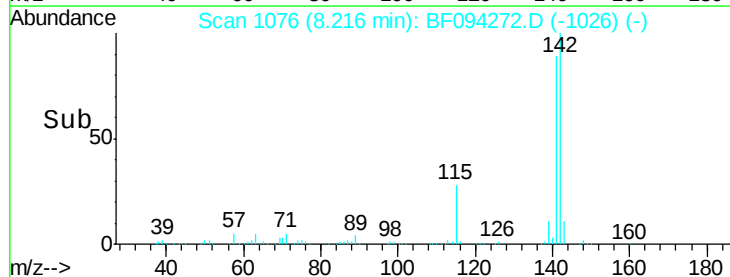
115 32.0 27.1 40.7

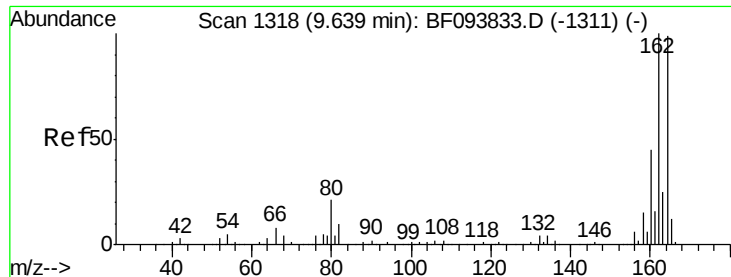


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

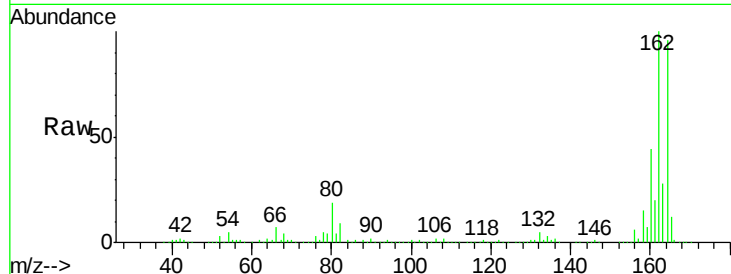




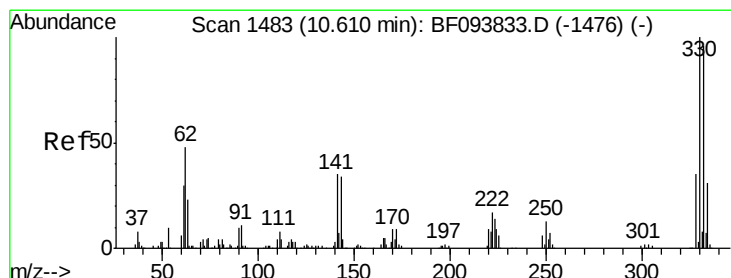
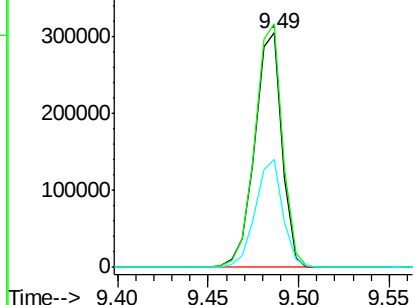
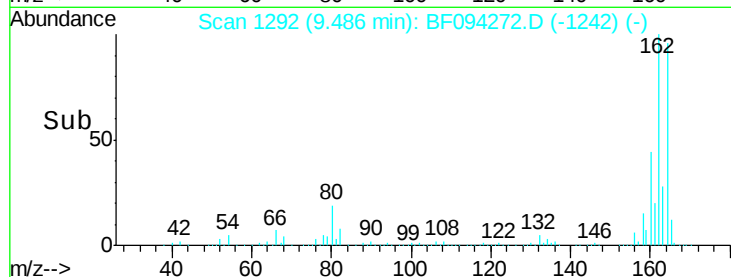
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094272.D
 Acq: 7 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-6

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	46.2	36.2	54.2

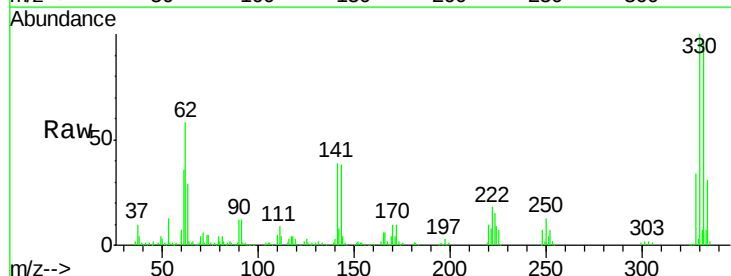


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

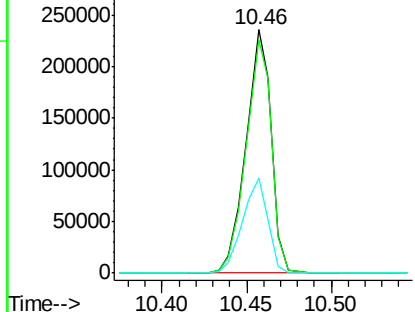
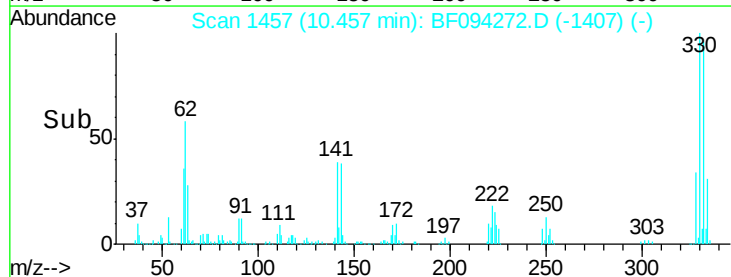


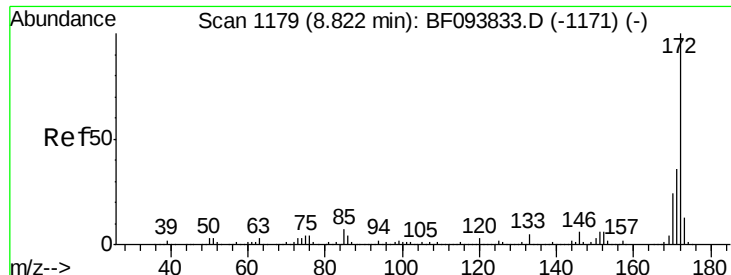
#41
 2,4,6-Tribromophenol
 Concen: 98.10 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF094272.D
 Acq: 7 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.4	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

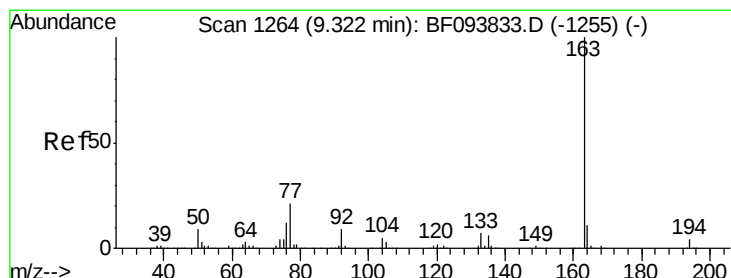
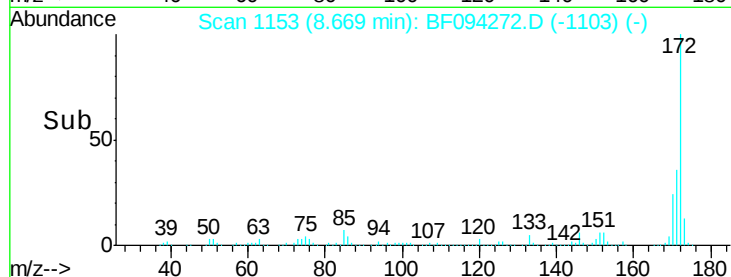
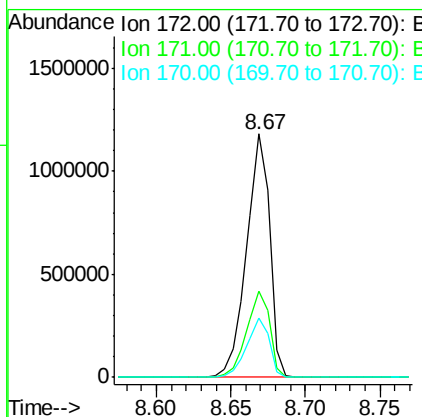
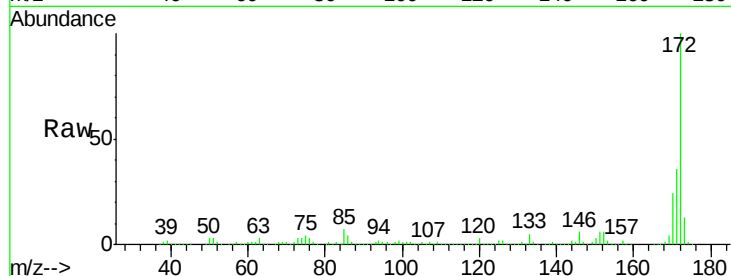




#44
2-Fluorobiphenyl
Concen: 60.43 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

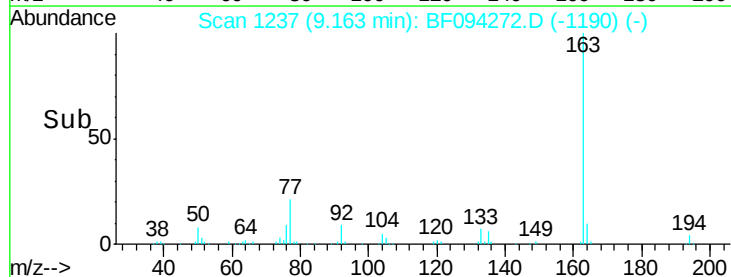
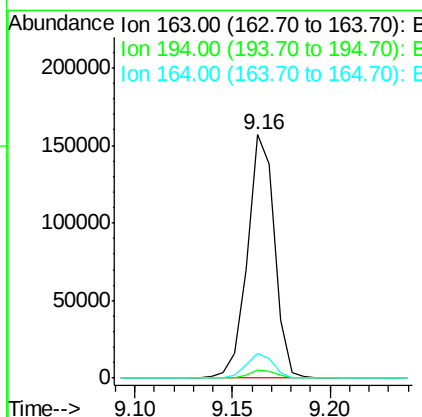
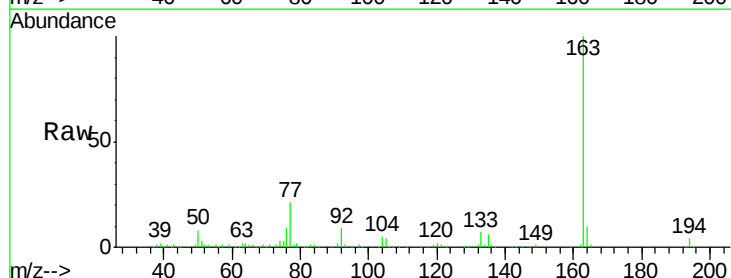
Instrument :
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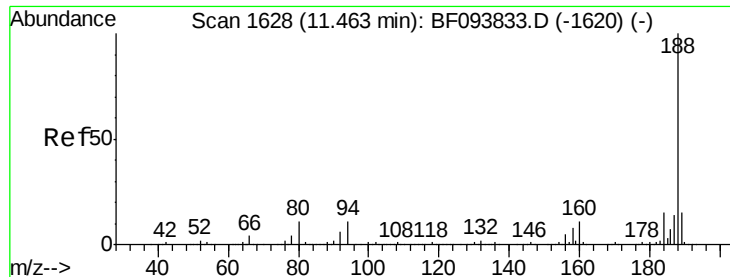
Tot Ion:172 Resp: 1259694
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 6.67 ng
RT: 9.16 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

Tgt Ion:163 Resp: 150811
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6

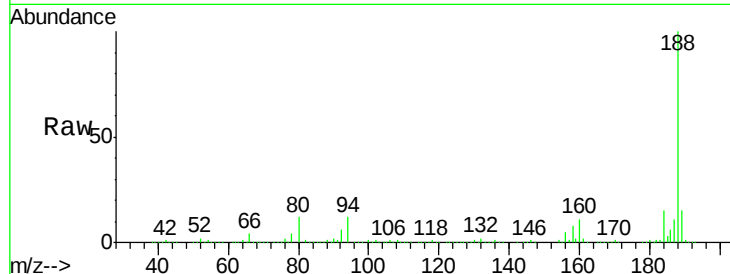




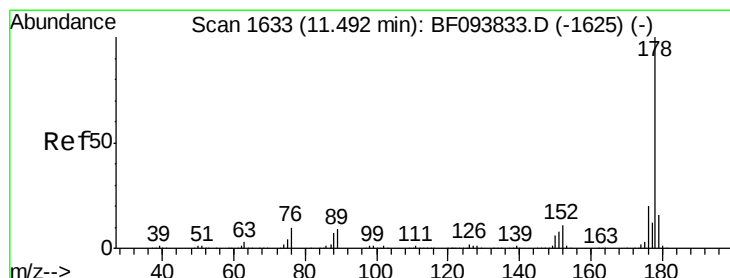
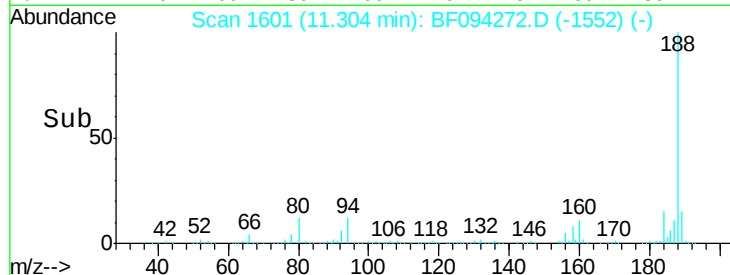
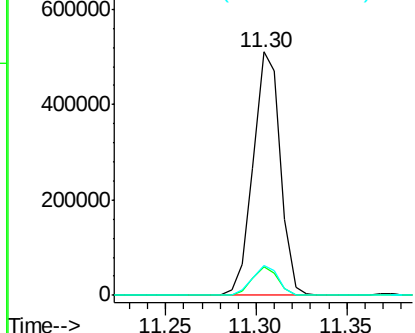
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :
TS-6

Tot Ion:188 Resp: 532033
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.4 10.2 15.2

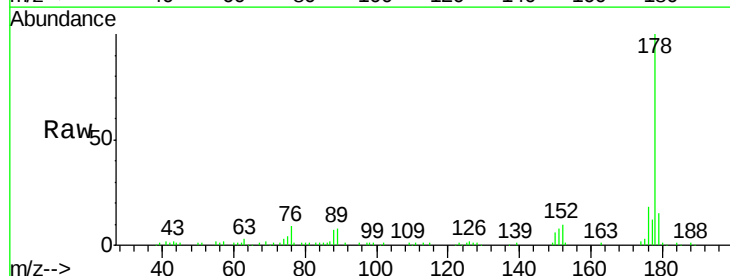


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

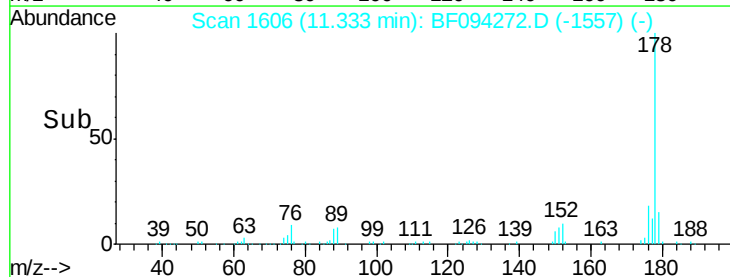
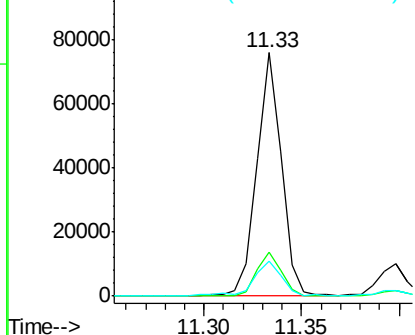


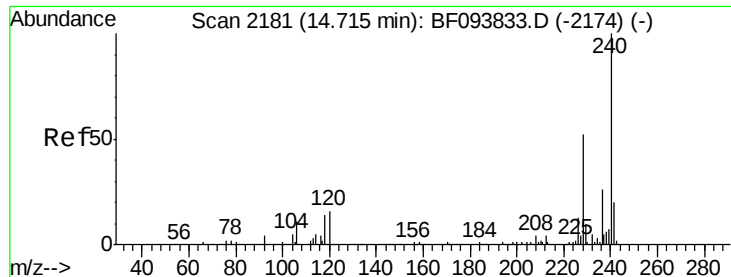
#70
Phenanthrene
Concen: 2.25 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF094272.D
Acq: 7 Apr 2017 14:51

Tgt Ion:178 Resp: 66565
Ion Ratio Lower Upper
178 100
176 18.1 16.2 24.4
179 14.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

TS-6

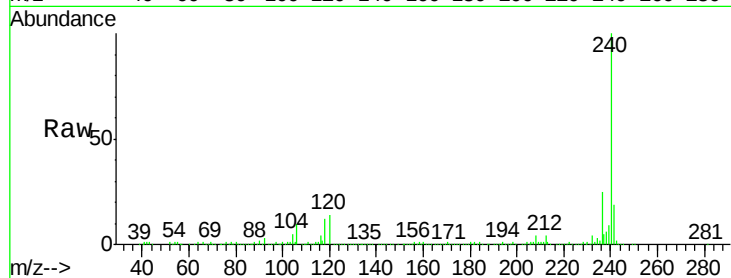
Tot Ion:240 Resp: 351832

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

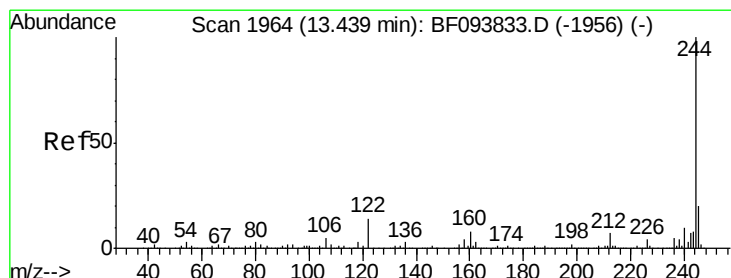
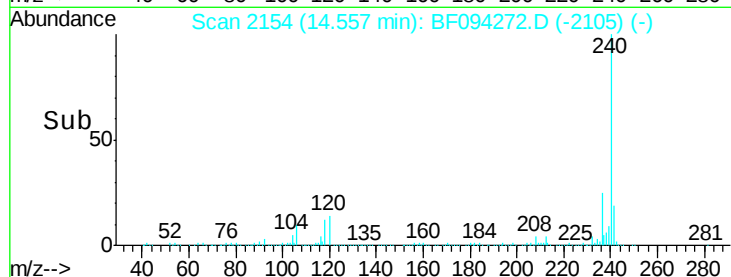
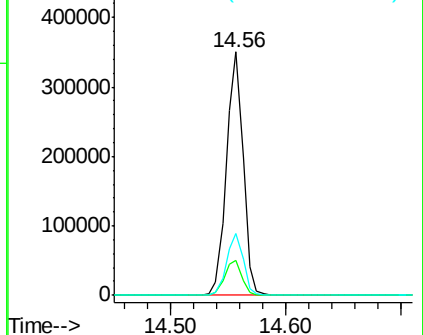
236 25.2 20.5 30.7



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: 58.73 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094272.D

Acq: 7 Apr 2017 14:51

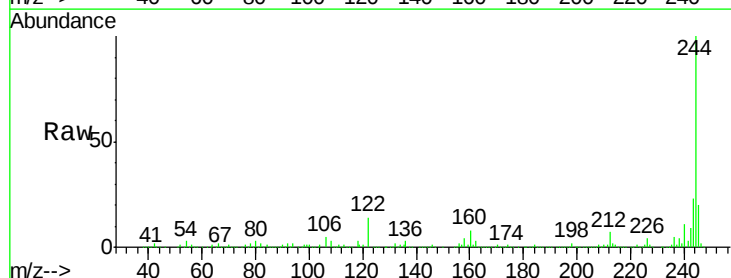
Tgt Ion:244 Resp: 921862

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

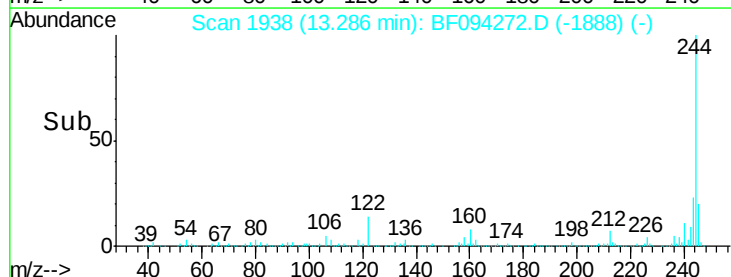
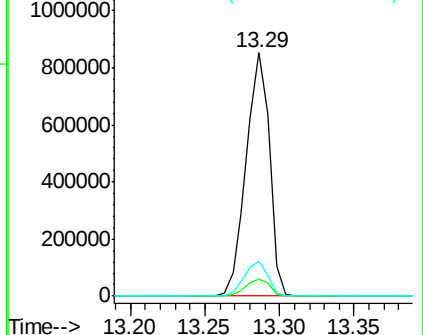
122 14.2 10.3 15.5

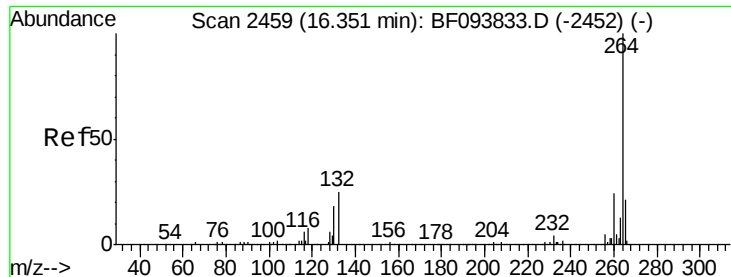


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

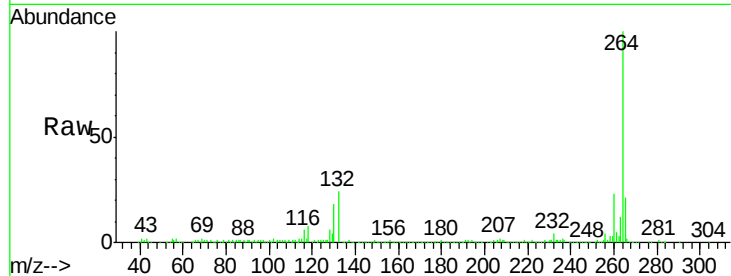




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BF094272.D
 Acq: 7 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TS-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.5	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

