

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094250.D
 Acq On : 7 Apr 2017 3:43
 Operator : SJ/MA
 Sample : I2574-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Quant Time: Apr 07 04:10:30 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

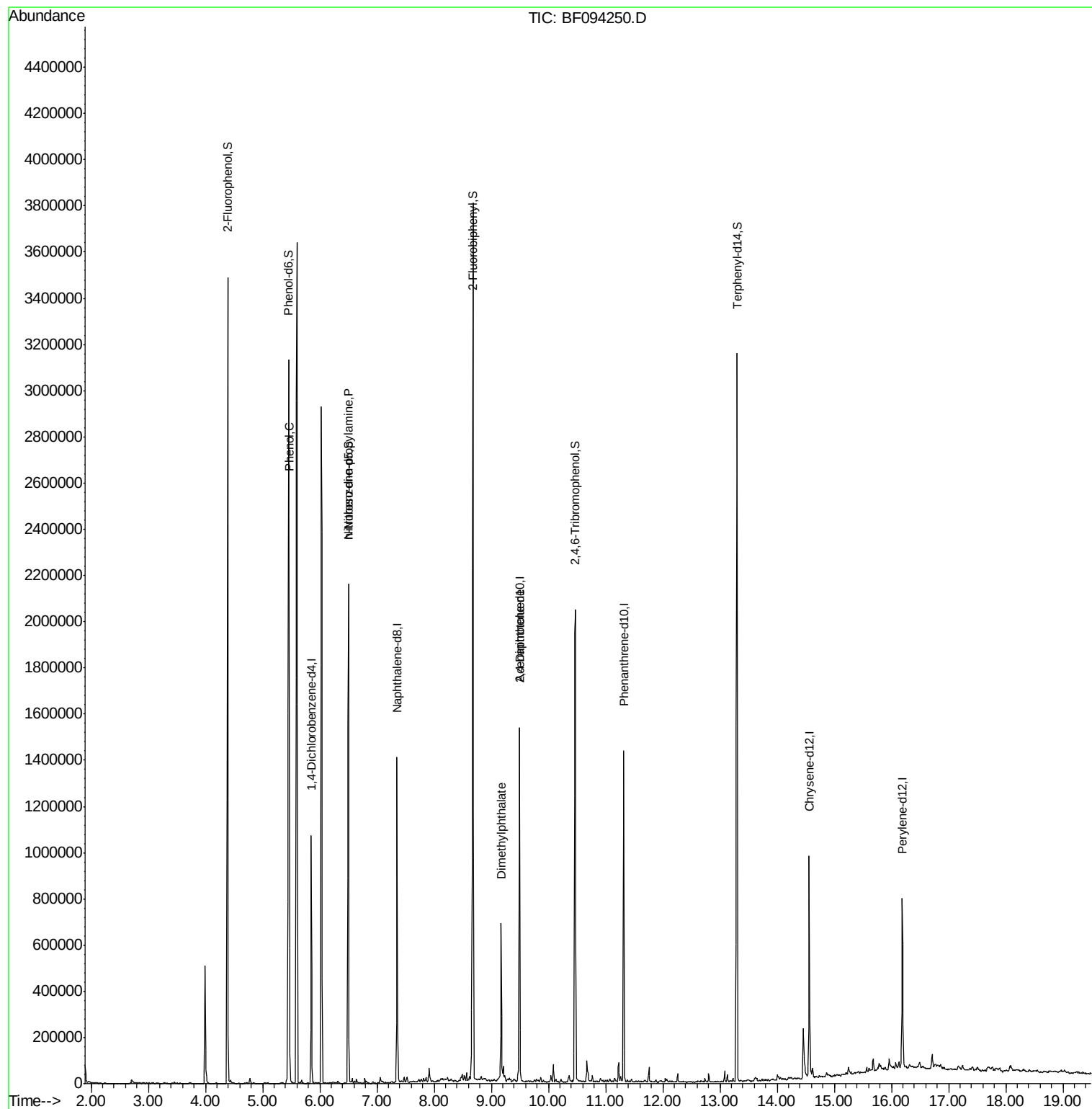
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	165526	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	680263	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	320771	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	548506	20.00	ng	0.00
75) Chrysene-d12	14.56	240	360926	20.00	ng	-0.01
86) Perylene-d12	16.19	264	287997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1078996	110.10	ng	0.00
7) Phenol-d6	5.46	99	1396087	115.15	ng	0.00
23) Nitrobenzene-d5	6.50	82	878295	73.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	285498	112.63	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1500043	71.33	ng	0.00
78) Terphenyl-d14	13.30	244	1124559	69.84	ng	0.00
Target Compounds						
10) Phenol	5.47	94	95711	6.94	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	6.50	70	113865	14.61	ng	# 78
49) Dimethylphthalate	9.17	163	298719	13.10	ng	100
56) 2,4-Dinitrotoluene	9.49	165	40744	6.21	ng	# 32

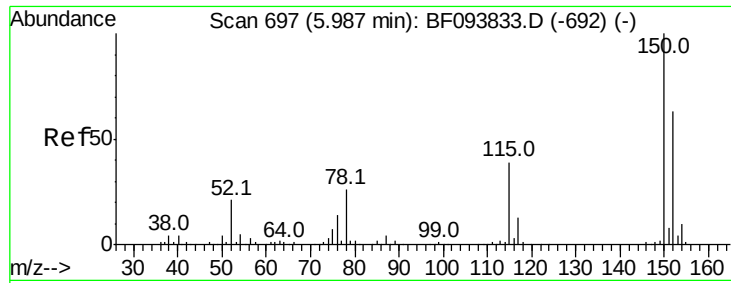
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
B2-S2(2-4)

Quant Time: Apr 07 04:10:30 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

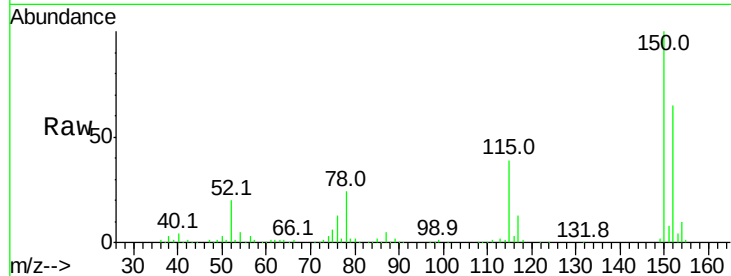
Tot Ion:152 Resp: 165526

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

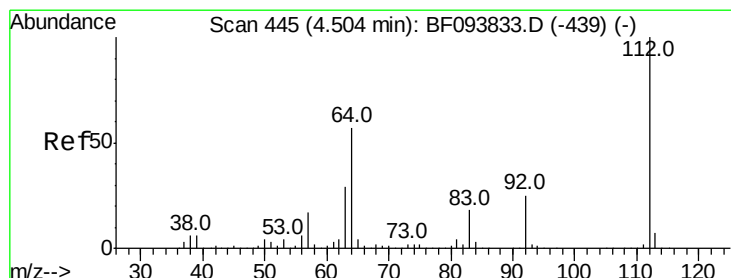
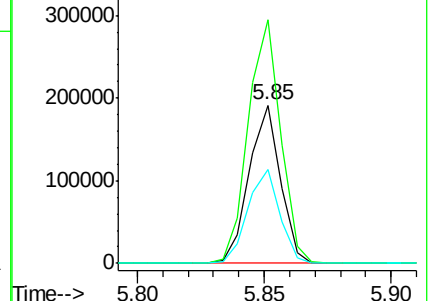
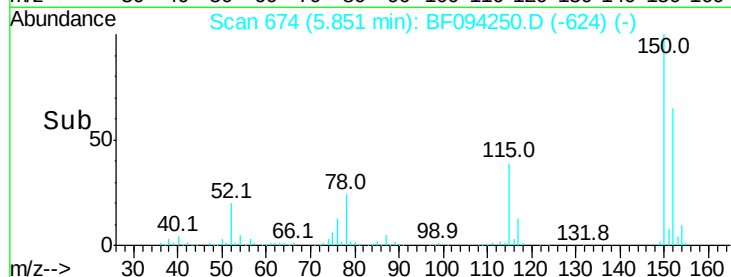
115 59.5 52.2 78.2



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: 110.10 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

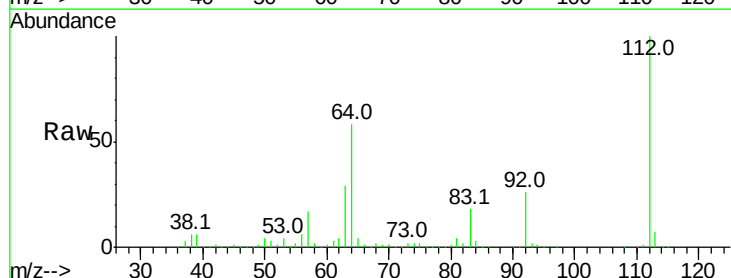
Tgt Ion:112 Resp: 1078996

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

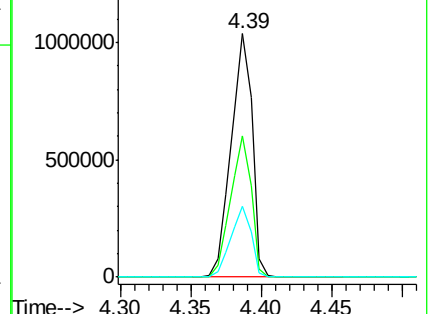
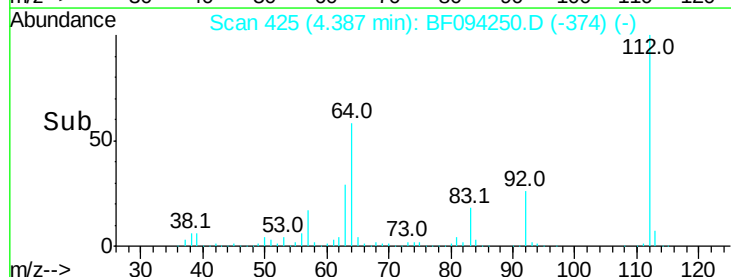
63 29.1 23.4 35.0

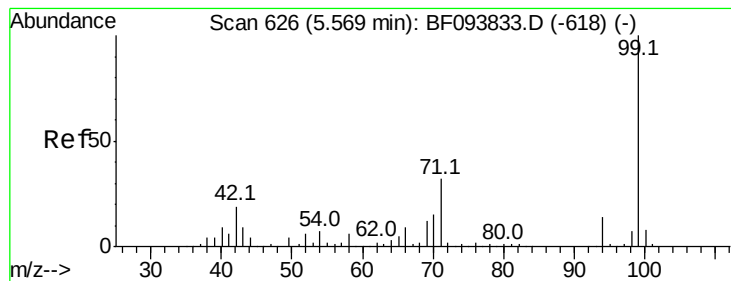


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.15 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

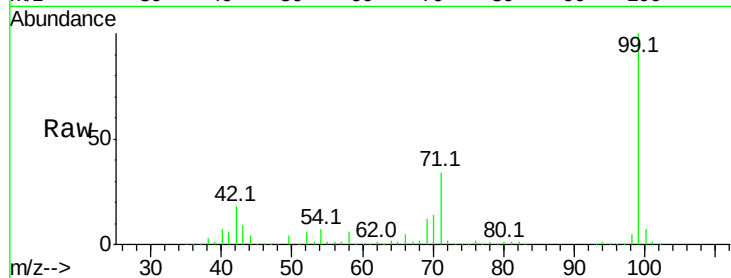
Tot Ion: 99 Resp: 1396087

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	34.2	24.5	36.7

99 100

42 17.8 13.5 20.3

71 34.2 24.5 36.7

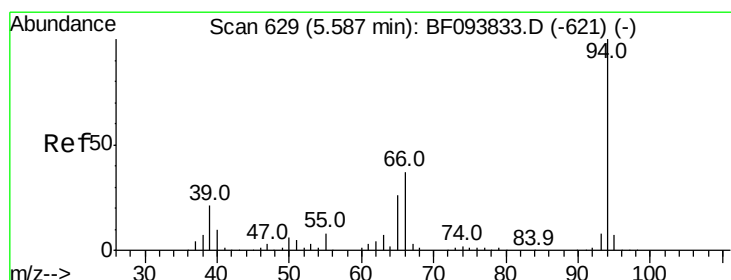
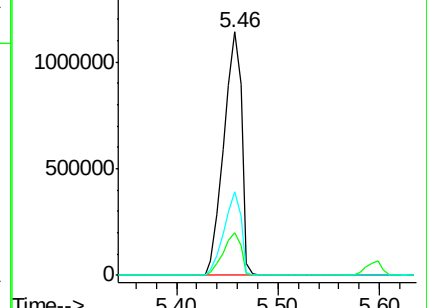
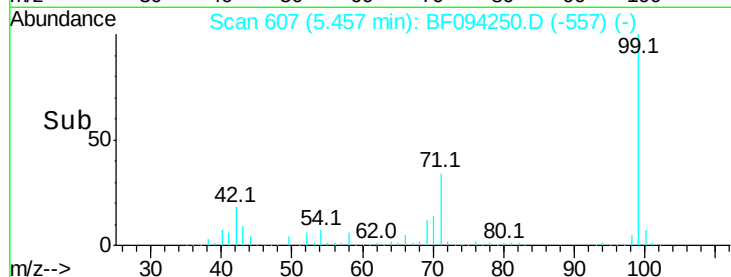


Abundance

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: 6.94 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

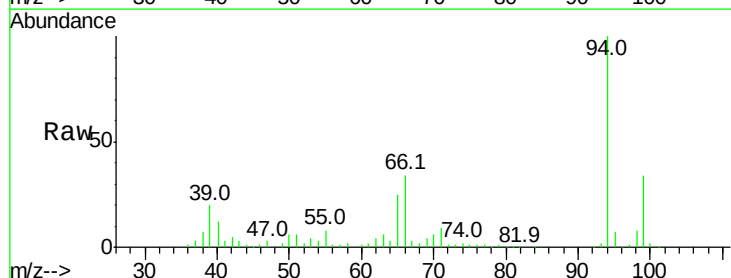
Tgt Ion: 94 Resp: 95711

Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	34.2	23.1	63.1

94 100

65 25.4 9.9 49.9

66 34.2 23.1 63.1

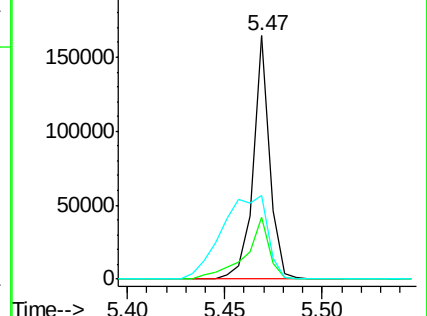
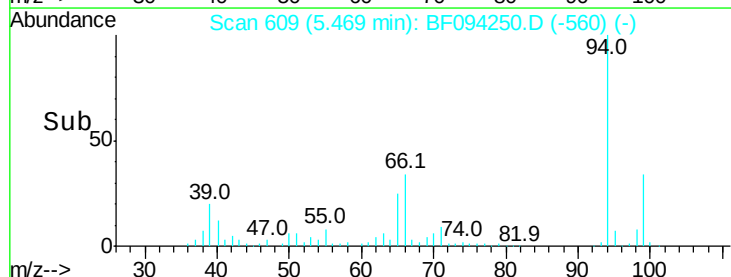


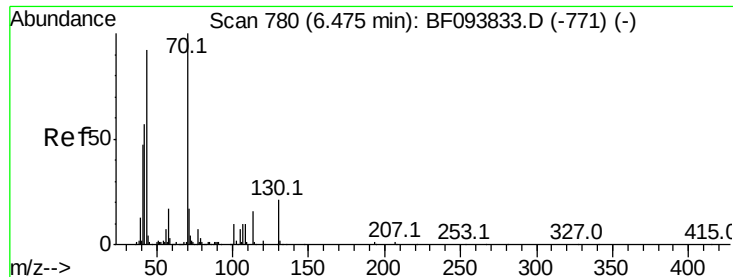
Abundance

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

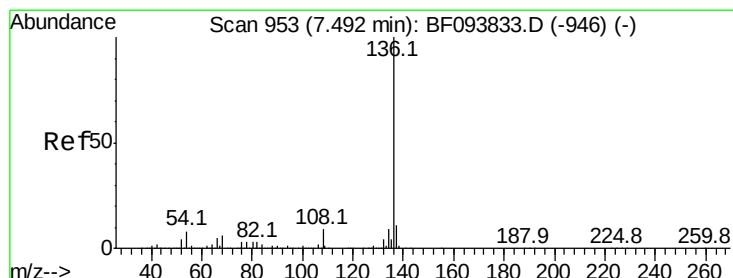
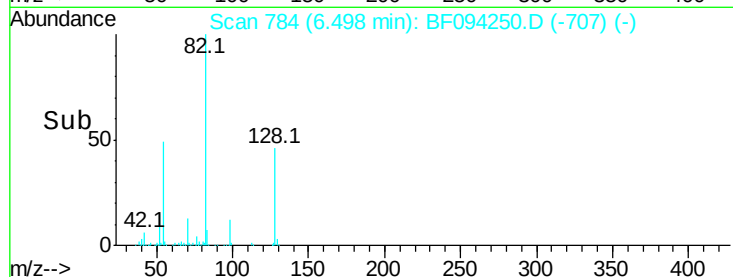
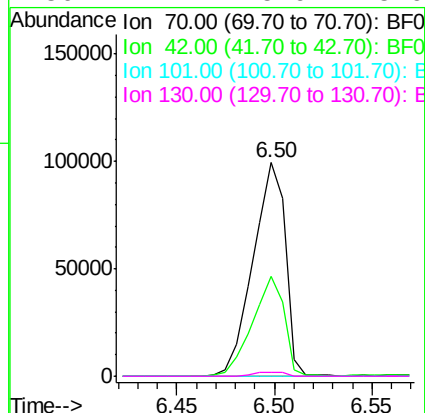
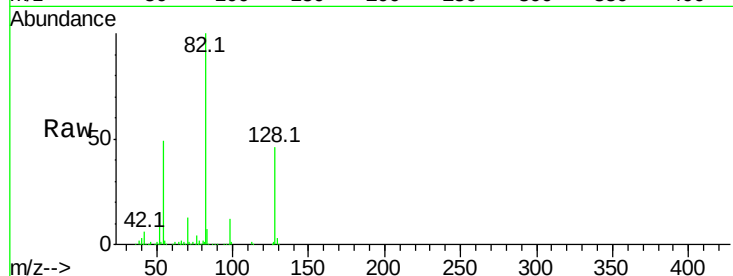




#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.15 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

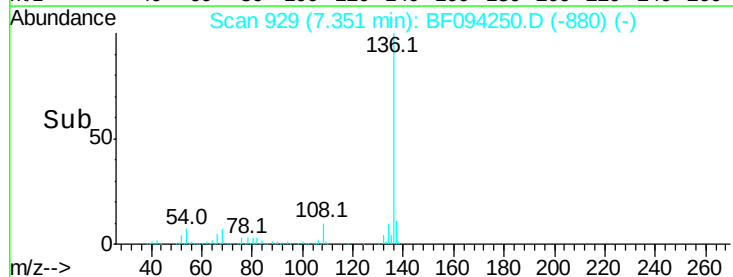
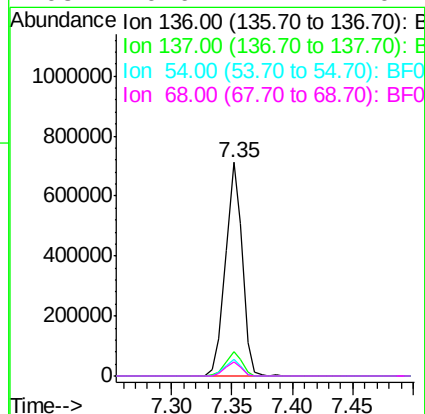
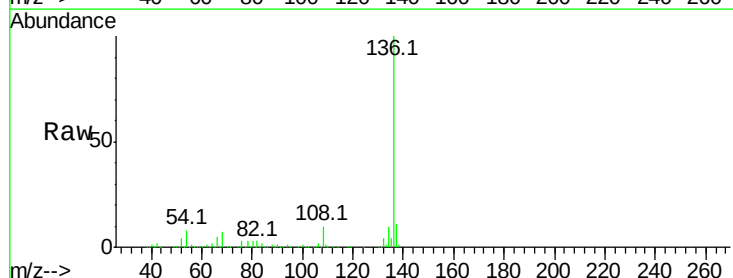
Instrument :
BNA_F
ClientSampleId :
B2-S2(2-4)

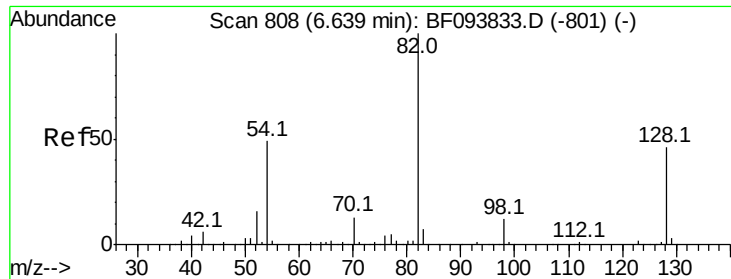
Tot Ion: 70 Resp: 113865
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

Tgt Ion: 136 Resp: 680263
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.5 4.9 7.3#
68 6.6 4.1 6.1#

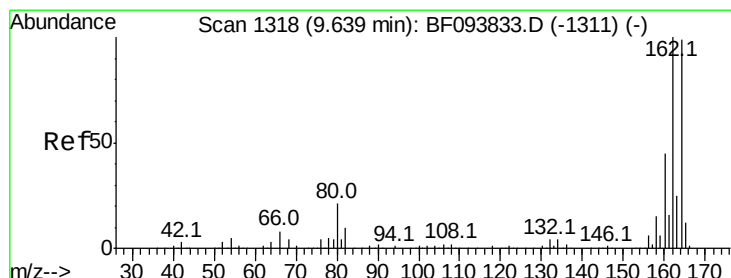
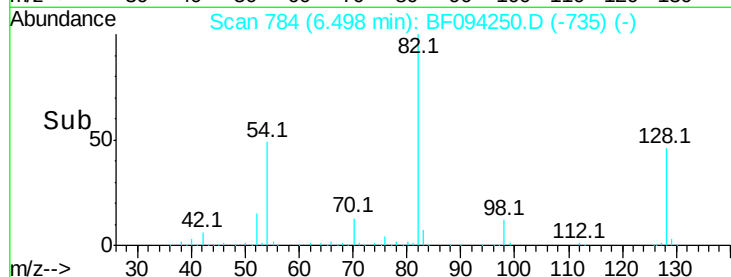
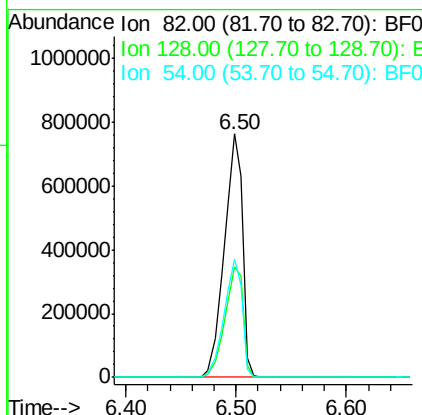
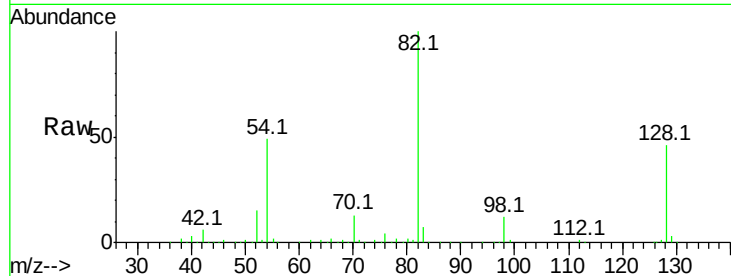




#23
Nitrobenzene-d5
Concen: 73.68 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

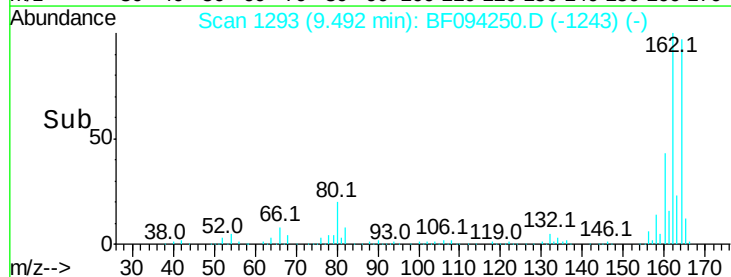
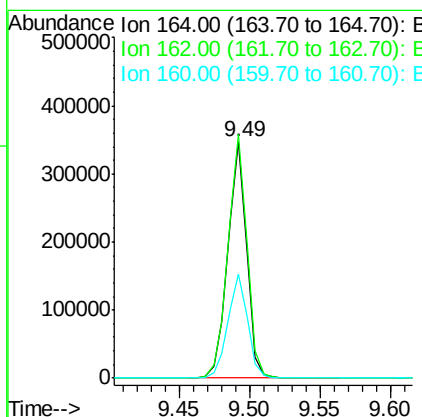
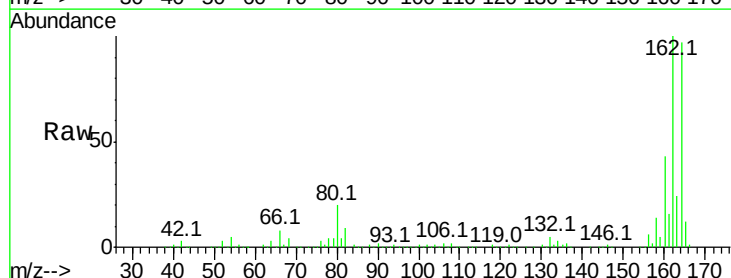
Instrument :
BNA_F
ClientSampled :
B2-S2(2-4)

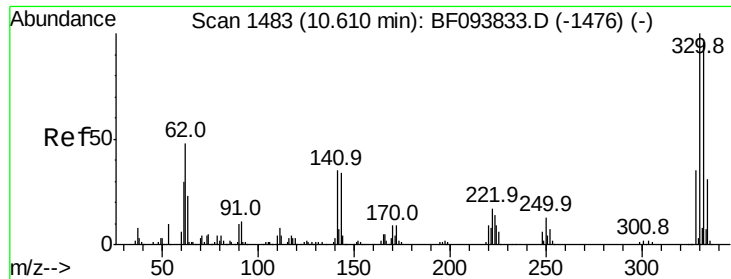
Tot Ion: 82 Resp: 878295
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 48.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

Tgt Ion:164 Resp: 320771
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 44.0 36.2 54.2

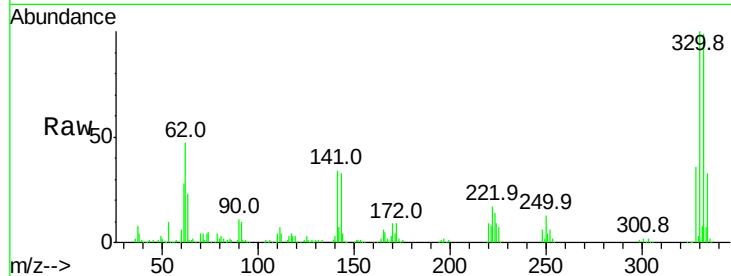




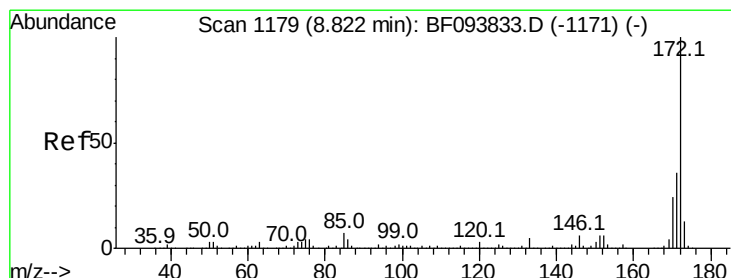
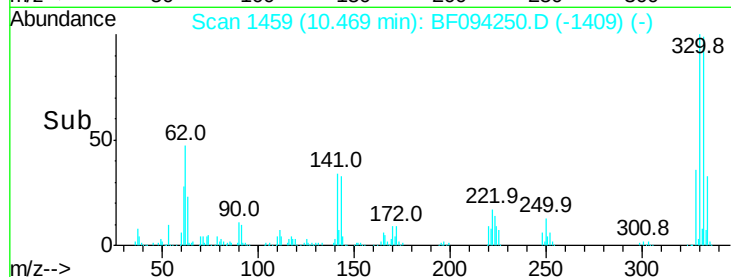
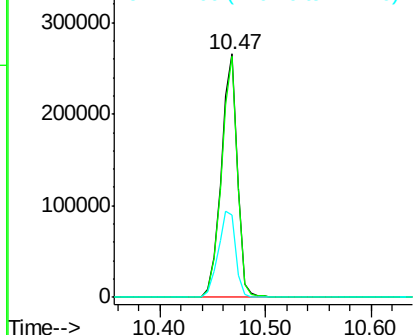
#41
 2,4,6-Tribromophenol
 Concen: 112.63 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.8	31.4	47.2

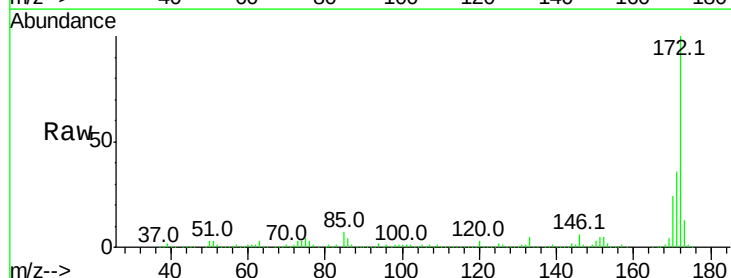


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

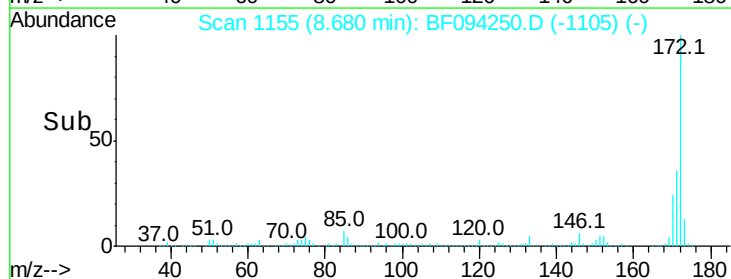
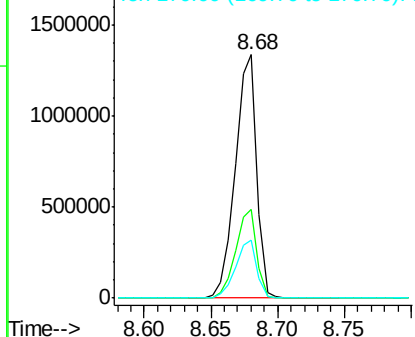


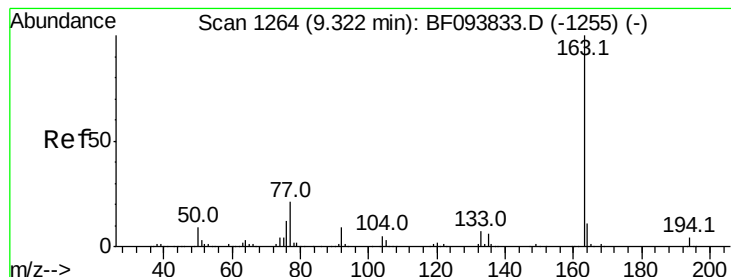
#44
 2-Fluorobiphenyl
 Concen: 71.33 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	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





#49

Dimethylphthalate

Concen: 13.10 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

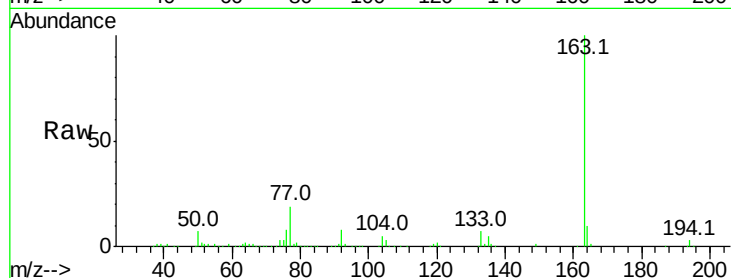
Tot Ion:163 Resp: 298719

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

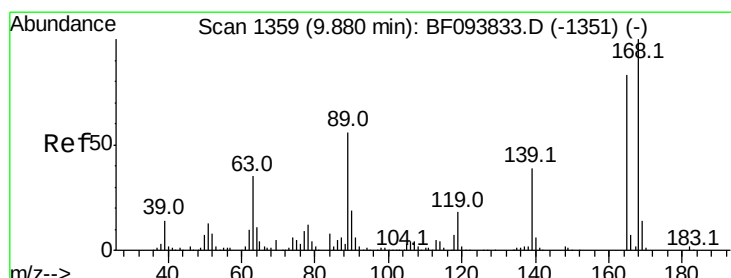
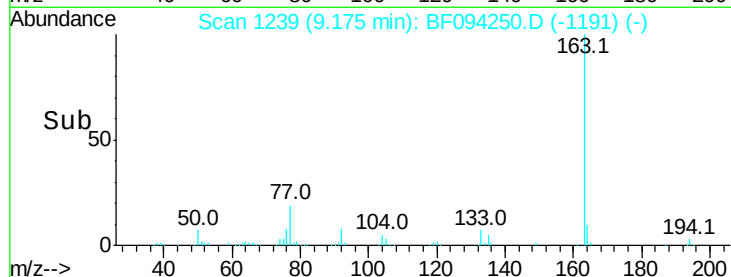
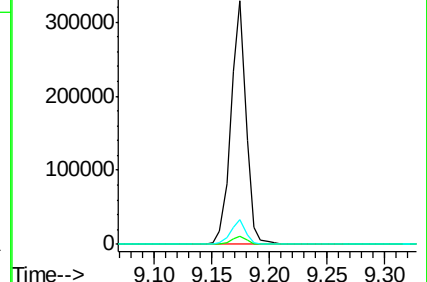
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.21 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.26 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Tgt Ion:165 Resp: 40744

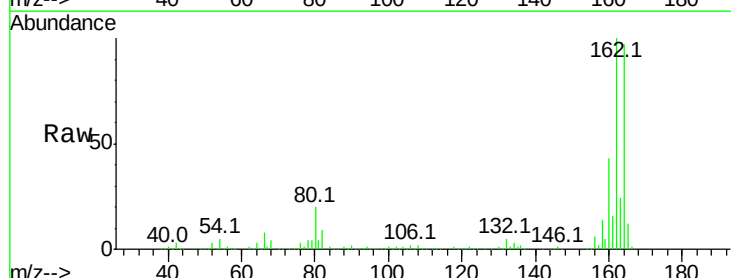
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

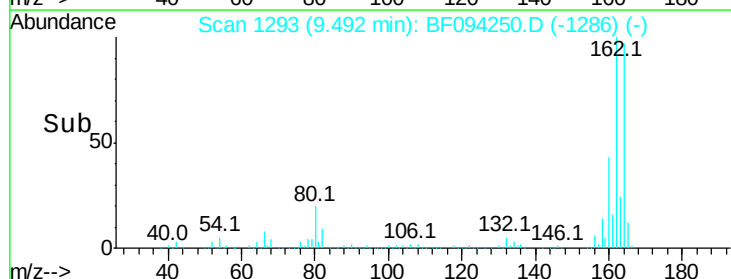
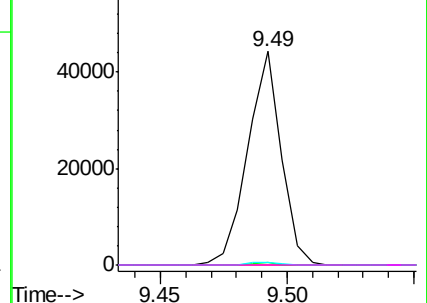


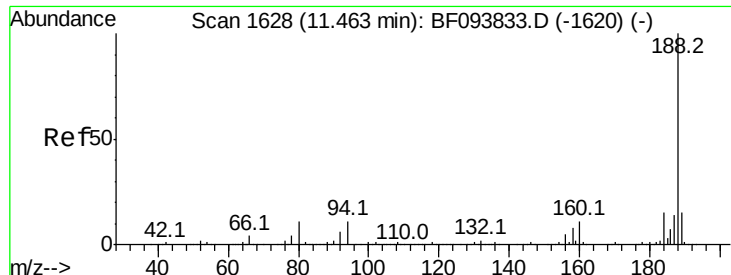
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

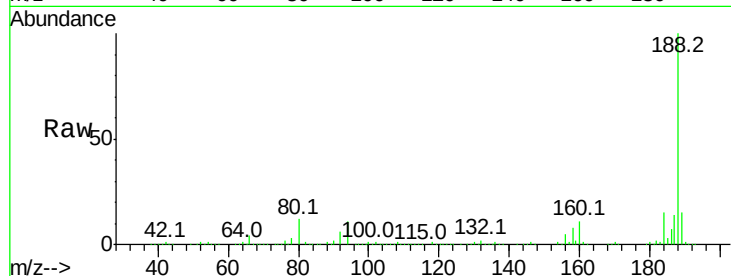




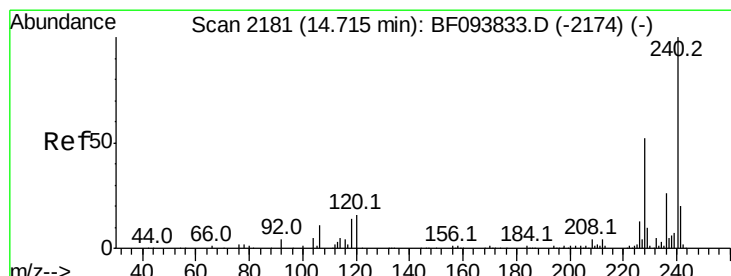
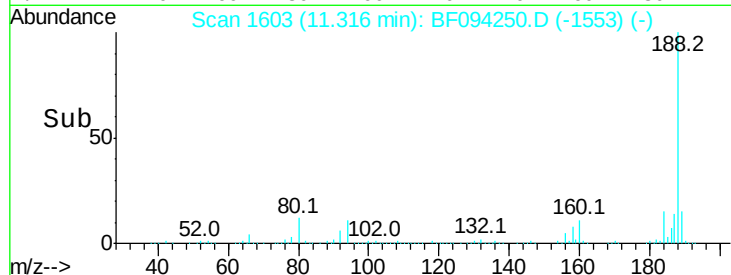
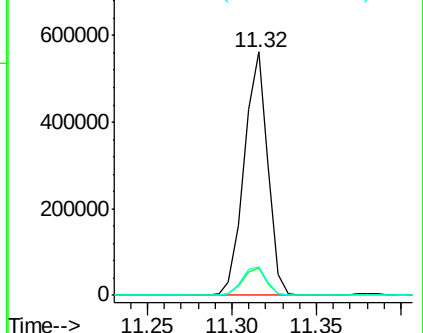
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

Instrument :
BNA_F
ClientSampleId :
B2-S2(2-4)

Tot Ion:188 Resp: 548506
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.9 10.2 15.2

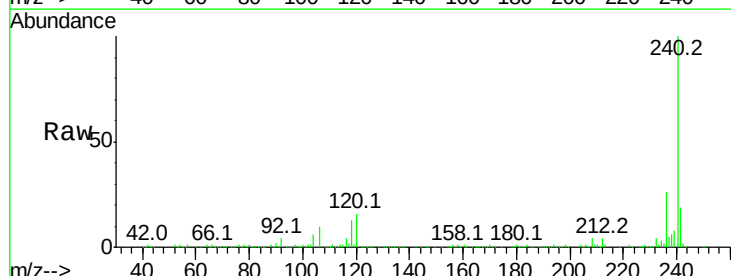


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

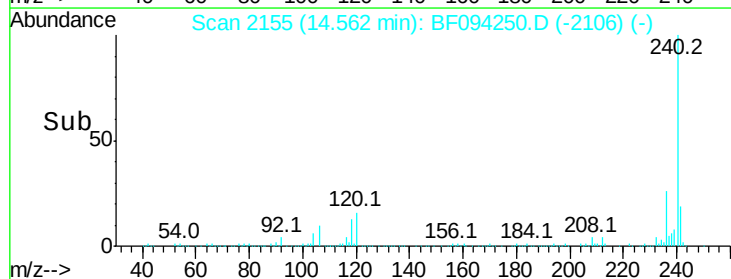
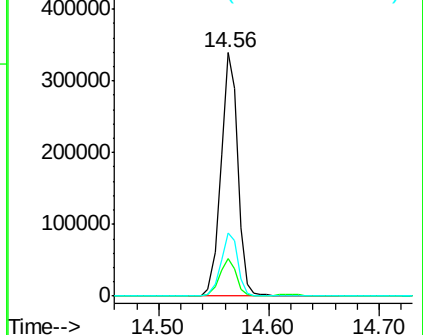


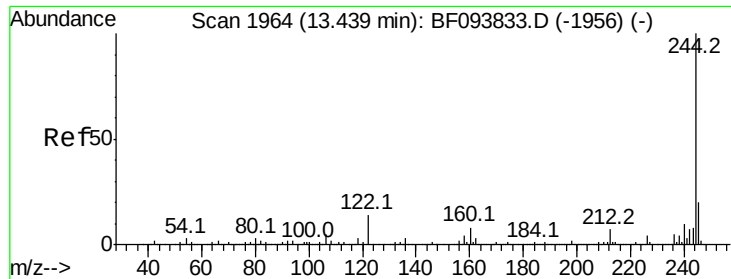
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

Tgt Ion:240 Resp: 360926
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 26.1 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

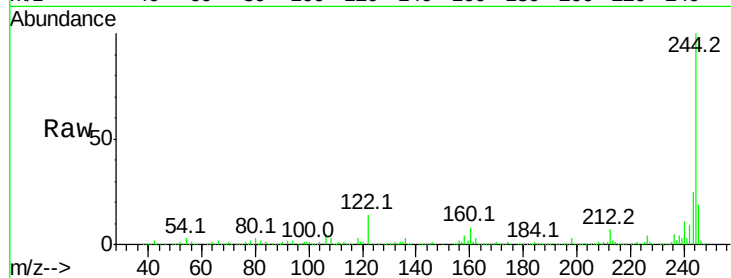




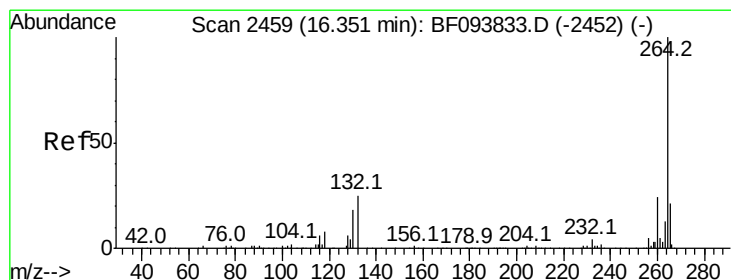
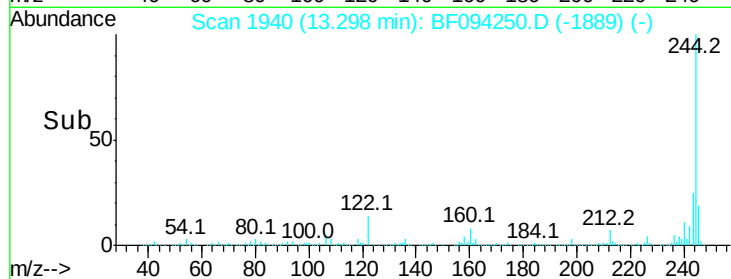
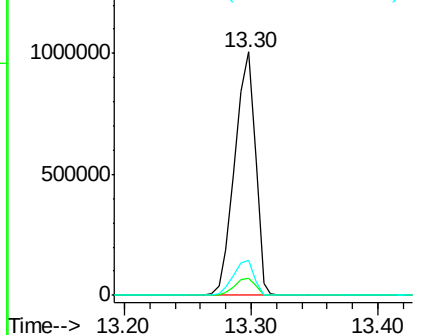
#78
 Terphenyl-d14
 Concen: 69.84 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Tot Ion:244 Resp: 1124559
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5

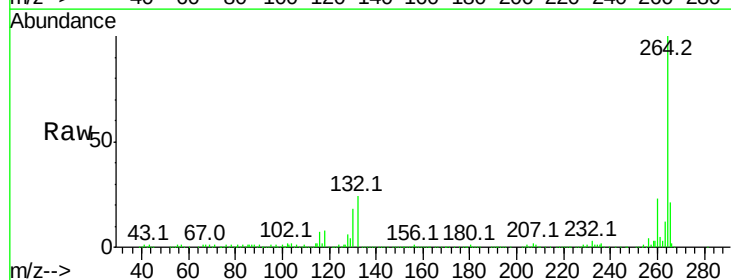


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Tgt Ion:264 Resp: 287997
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.4 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

