

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090957.D
 Acq On : 1 Nov 2016 18:10
 Operator : UM/SJ
 Sample : H5489-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Quant Time: Nov 02 01:33:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

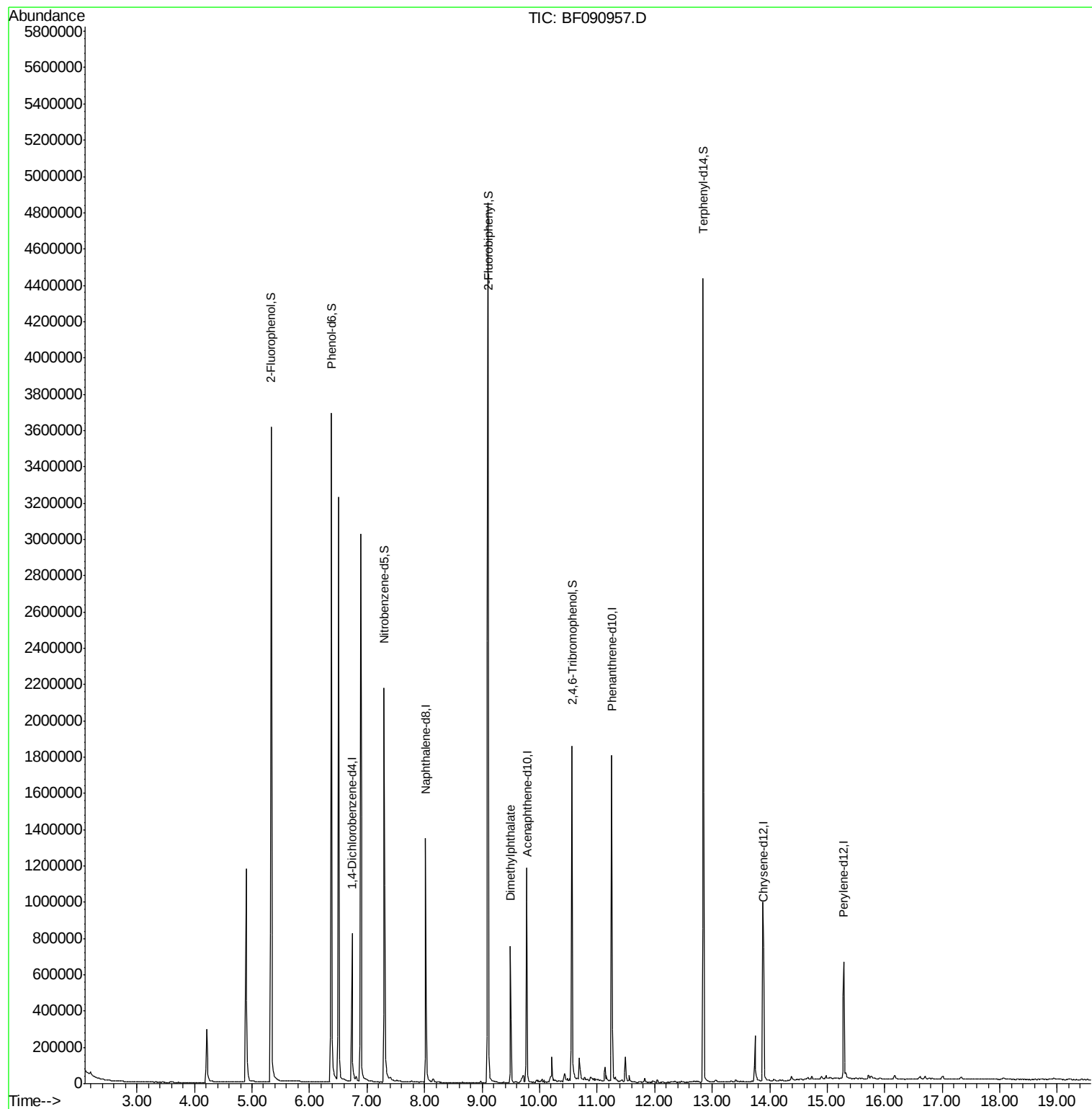
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156882	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	663100	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	359587	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	602182	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	430518	20.00	ng	-0.01
86) Perylene-d12	15.29	264	300693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1067180	118.93	ng	0.00
7) Phenol-d6	6.38	99	1724854	142.49	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1014075	100.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	360863	97.65	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1771052	86.49	ng	-0.01
78) Terphenyl-d14	12.84	244	1598420	93.54	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	348869	14.52	ng	Qvalue # 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

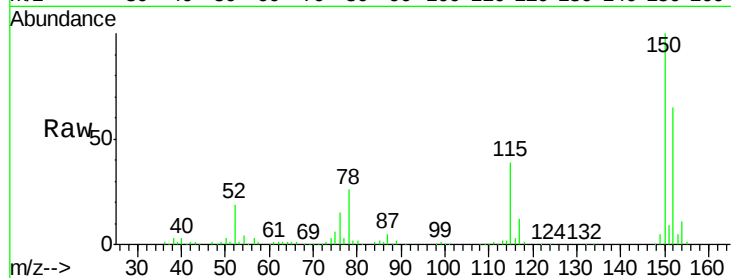
Tot Ion:152 Resp: 156882

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

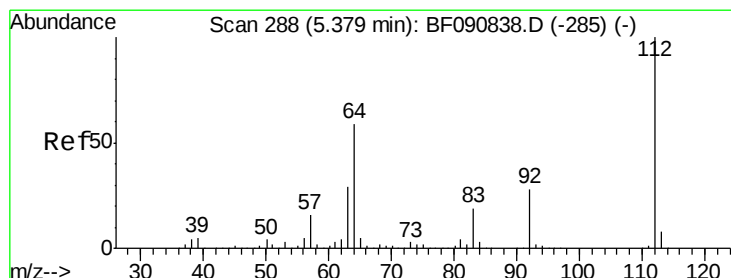
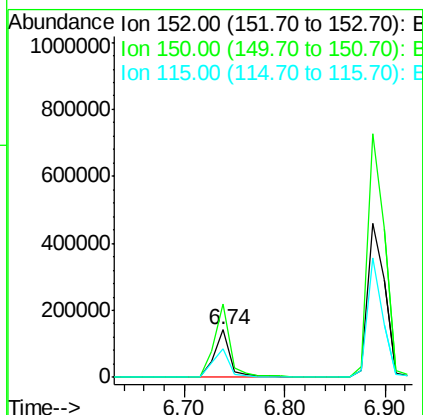
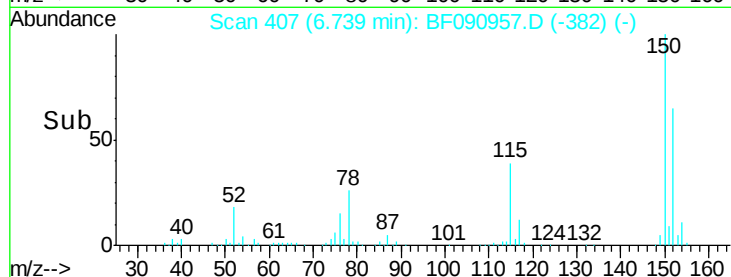
115 60.5 39.0 58.4#



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: 118.93 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

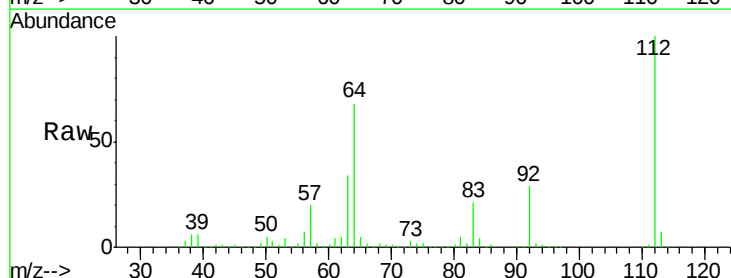
Tgt Ion:112 Resp: 1067180

Ion Ratio Lower Upper

112 100

64 67.9 39.7 59.5#

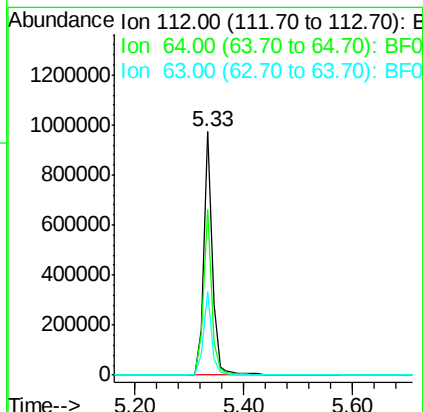
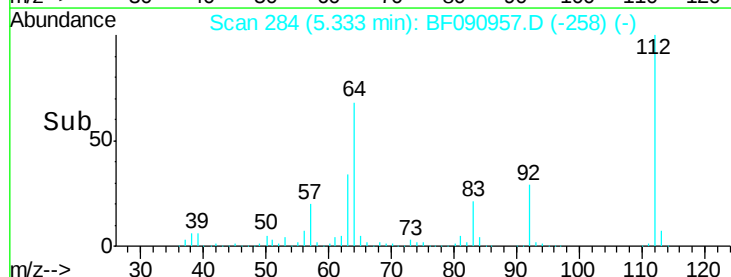
63 34.2 17.4 26.0#

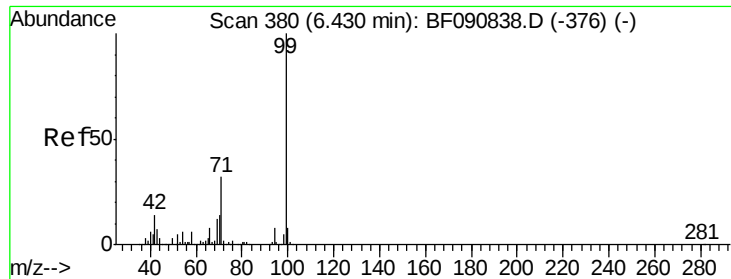


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

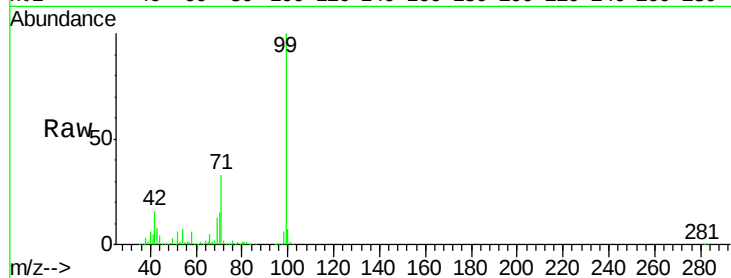
Tot Ion: 99 Resp: 1724854

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

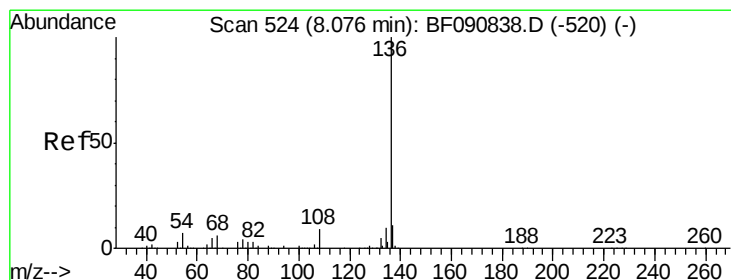
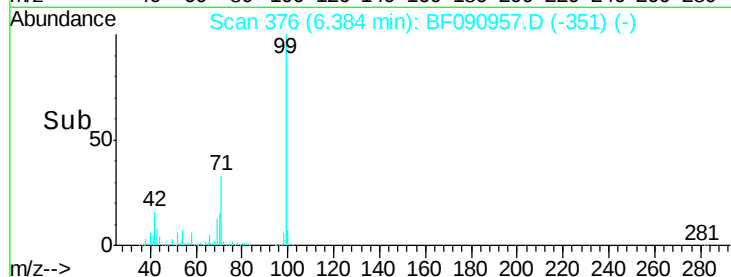
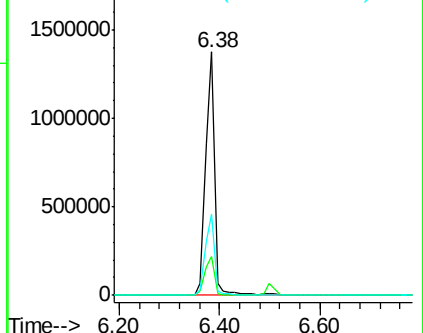
71 33.1 14.2 21.2#



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: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Tgt Ion: 136 Resp: 663100

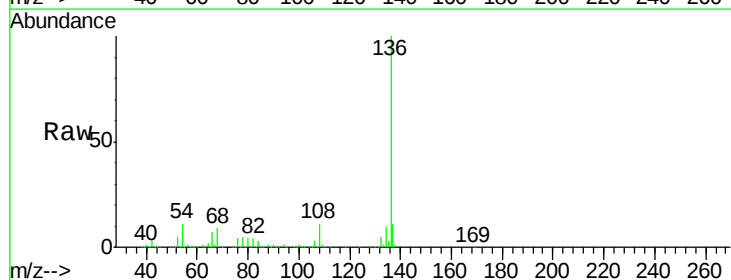
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.1 8.2 12.2

68 9.0 5.8 8.6#

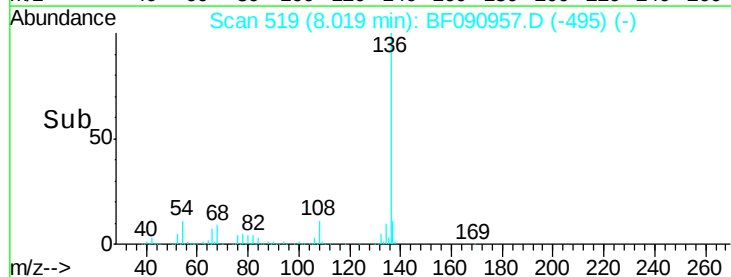
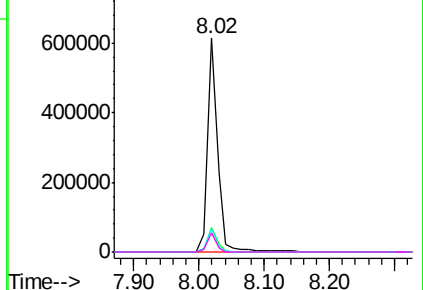


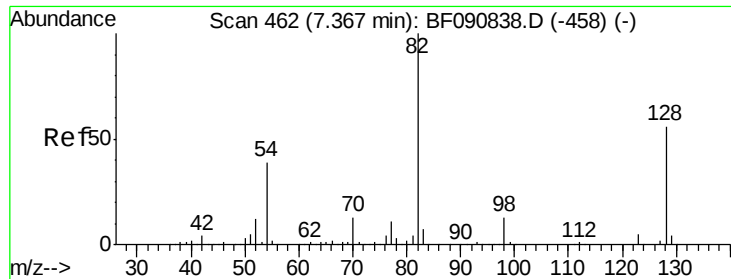
Abundance Ion 136.00 (135.70 to 136.70): E

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

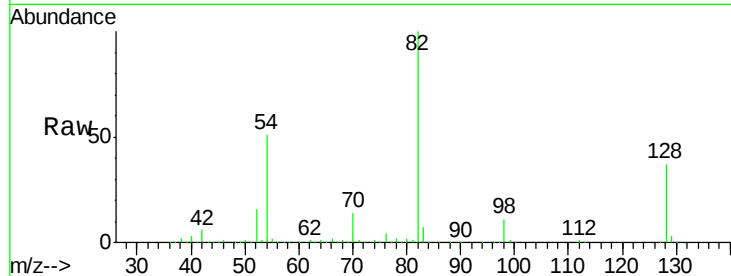




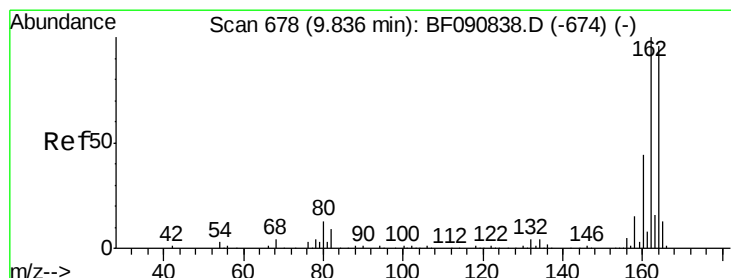
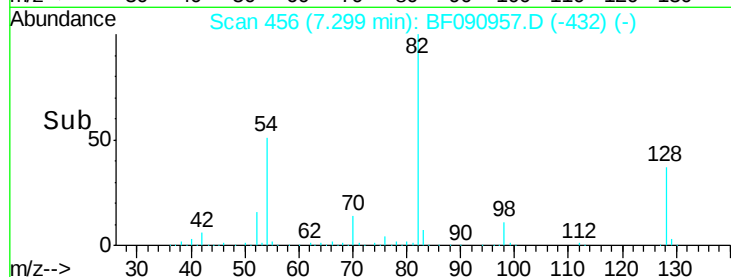
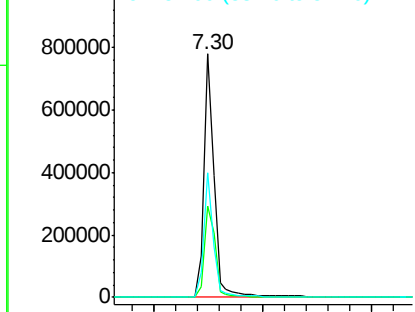
#23
 Nitrobenzene-d5
 Concen: 100.11 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Tot Ion: 82 Resp: 1014075
 Ion Ratio Lower Upper
 82 100
 128 37.4 51.0 76.6#
 54 51.0 47.5 71.3

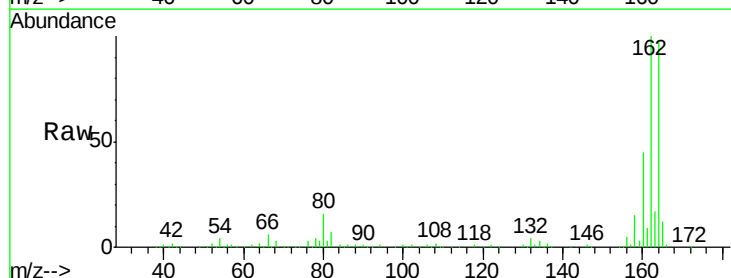


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

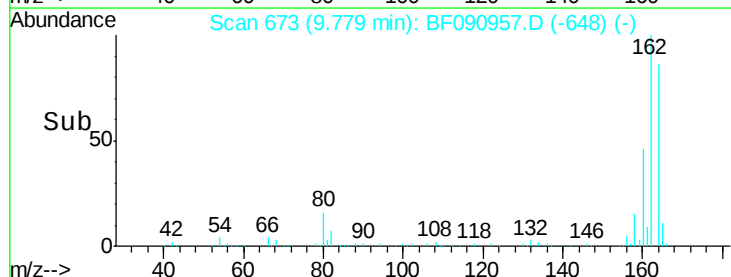
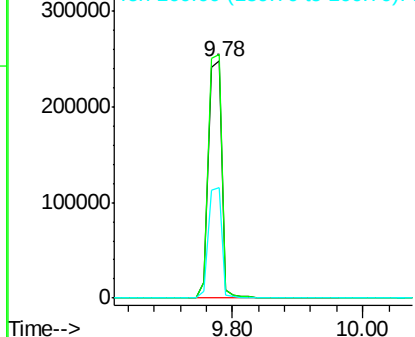


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Tgt Ion:164 Resp: 359587
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 46.6 31.5 47.3



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

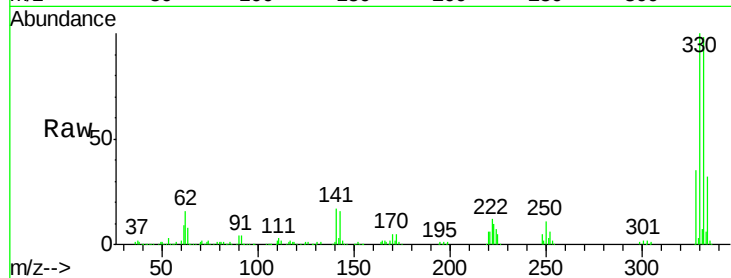




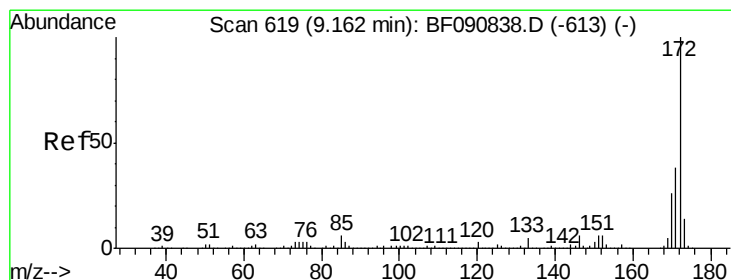
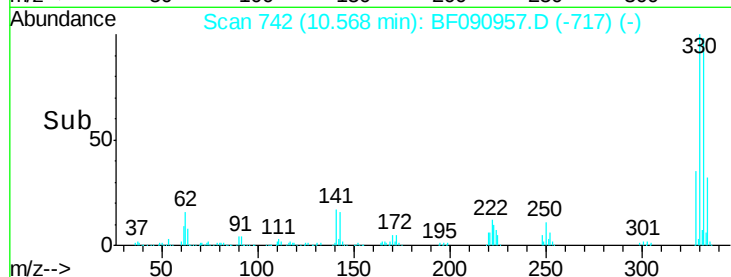
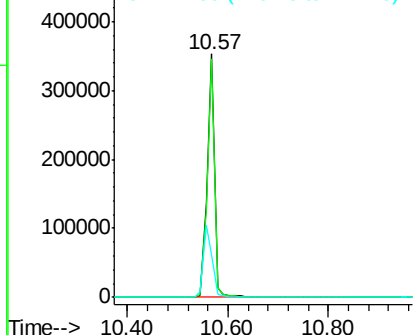
#41
 2,4,6-Tribromophenol
 Concen: 97.65 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-75-0.5-1.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.1	29.7	44.5

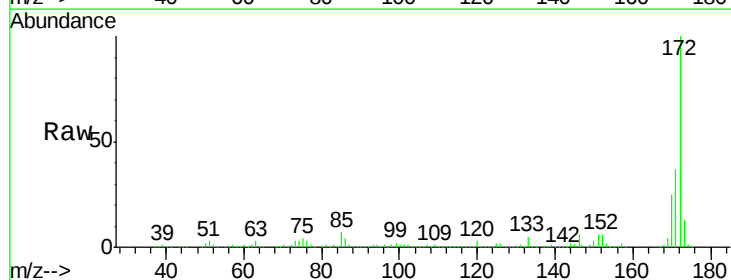


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

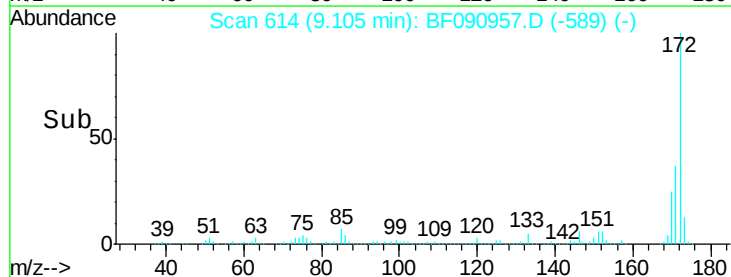
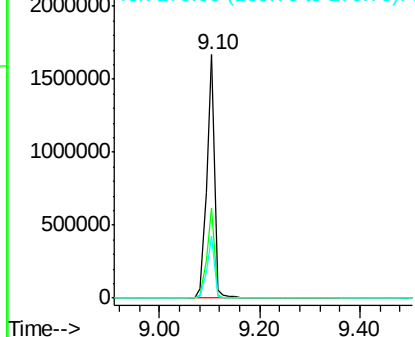


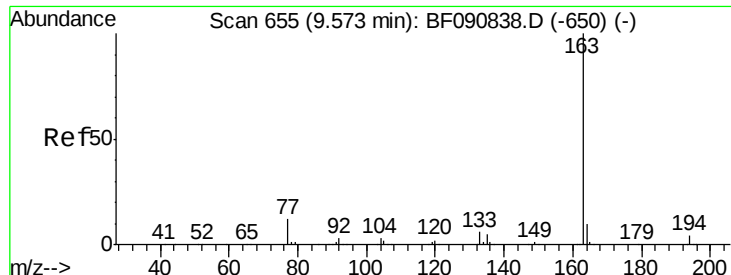
#44
 2-Fluorobiphenyl
 Concen: 86.49 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090957.D
 Acq: 1 Nov 2016 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.4	17.4	26.2



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

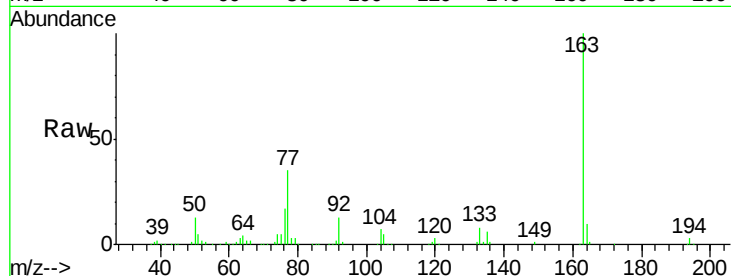




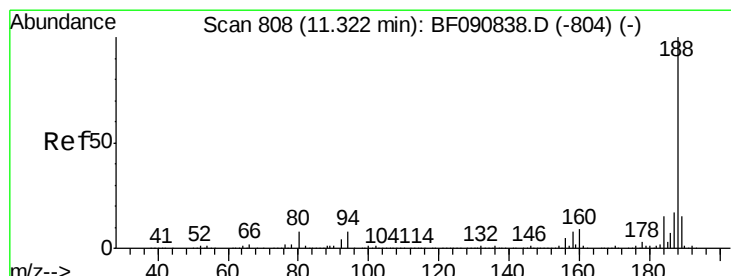
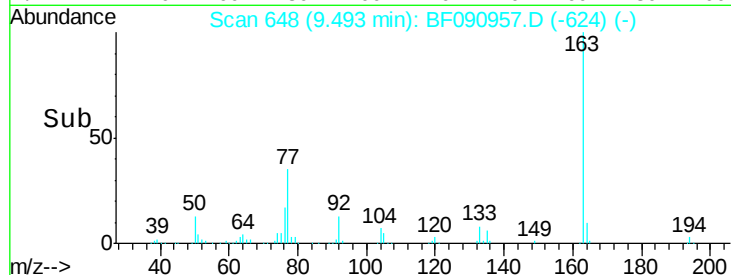
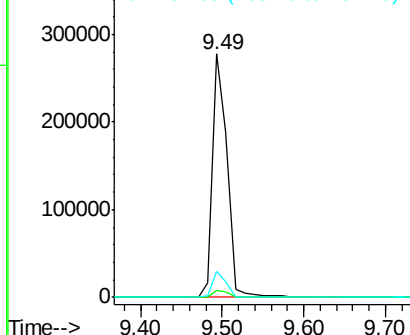
#49
Dimethylphthalate
Concen: 14.52 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SB-75-0.5-1.0

Tot Ion:163 Resp: 348869
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.5 8.3 12.5

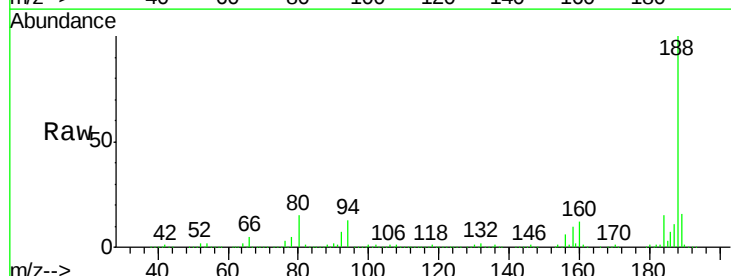


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

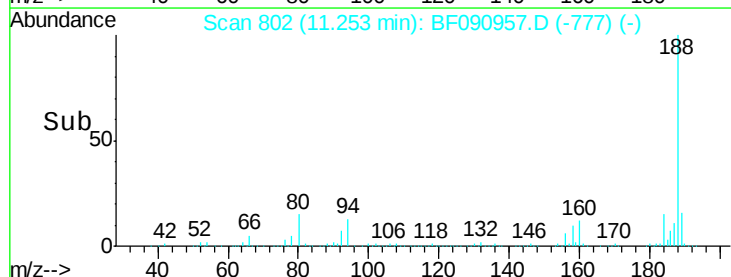
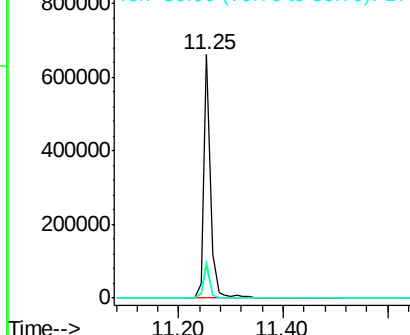


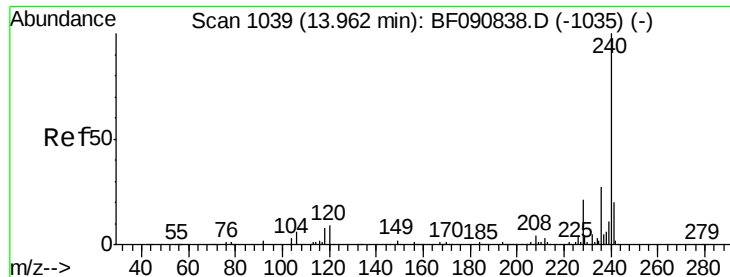
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Tgt Ion:188 Resp: 602182
Ion Ratio Lower Upper
188 100
94 13.5 11.1 16.7
80 15.3 11.0 16.4



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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SB-75-0.5-1.0

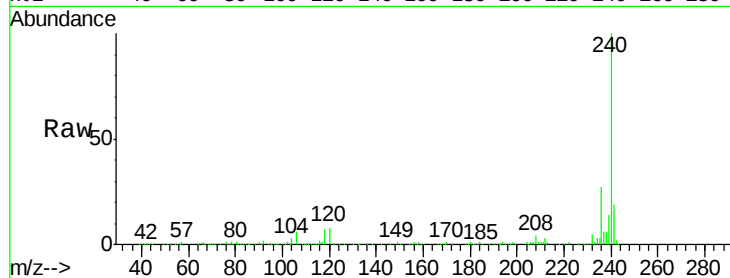
Tot Ion:240 Resp: 430518

Ion Ratio Lower Upper

240 100

120 8.3 16.2 24.2#

236 27.2 18.4 27.6



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

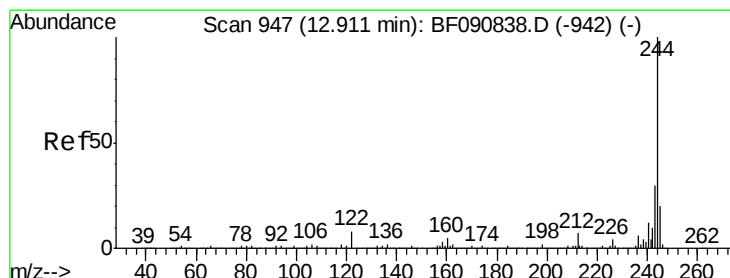
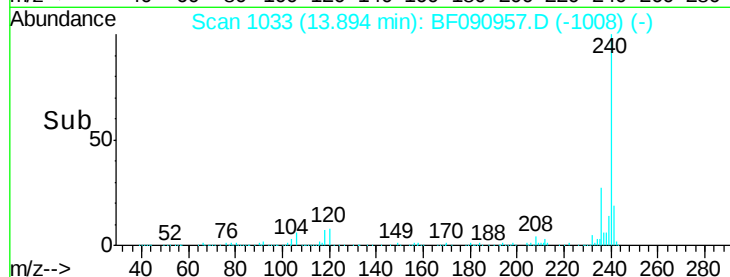
300000 13.89

200000

100000

0

Time--> 13.80 14.00



#78

Terphenyl-d14

Concen: 93.54 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090957.D

Acq: 1 Nov 2016 18:10

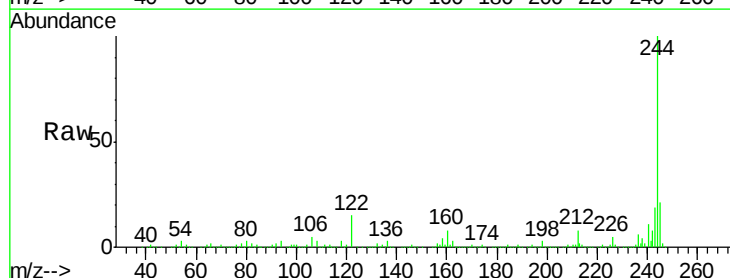
Tgt Ion:244 Resp: 1598420

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

122 14.8 17.4 26.2#



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

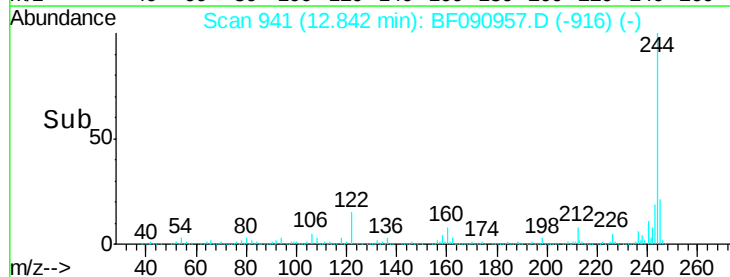
1500000 12.84

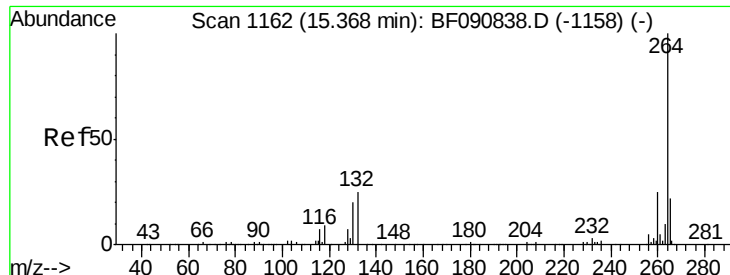
1000000

500000

0

Time--> 12.80 13.00



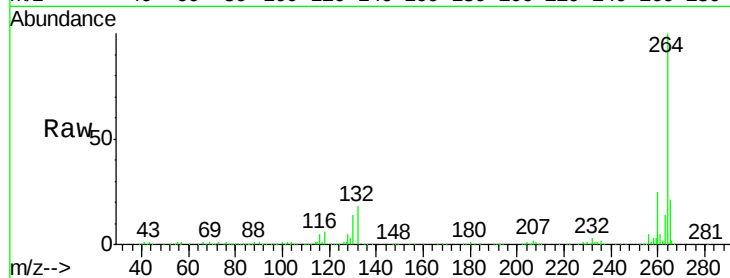


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090957.D
Acq: 1 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SB-75-0.5-1.0

Tot Ion: 264 Resp: 300693

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.2	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

