

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081392.D
 Acq On : 3 Sep 2015 23:25
 Operator : UM/IZ
 Sample : G3511-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(6-7)

Quant Time: Sep 04 02:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

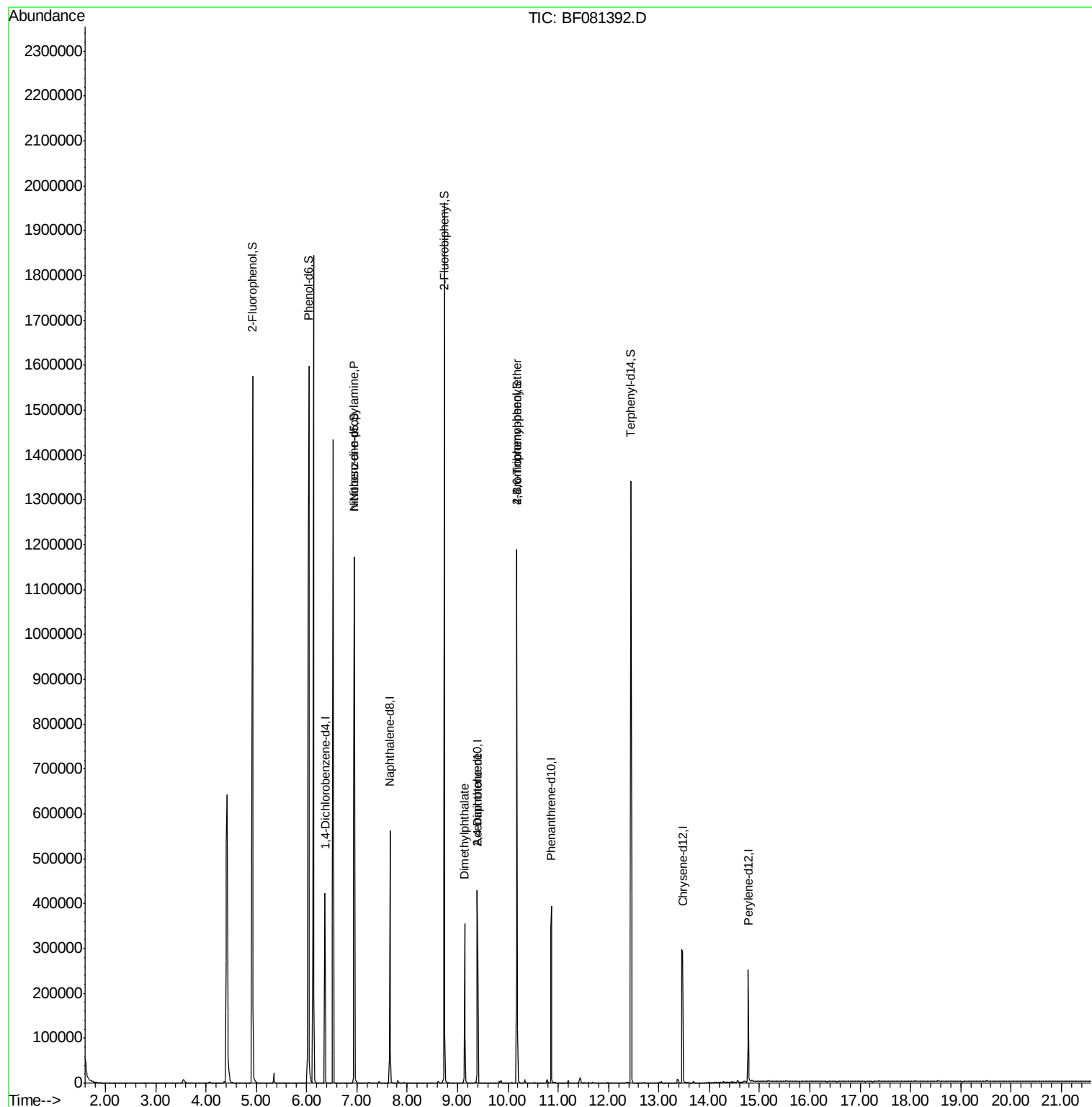
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58288	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	225489	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	104350	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	212331	20.00	ng	0.00
75) Chrysene-d12	13.47	240	163117	20.00	ng	0.00
86) Perylene-d12	14.78	264	103609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	462040	122.99	ng	0.01
7) Phenol-d6	6.04	99	679607	136.66	ng	0.00
23) Nitrobenzene-d5	6.95	82	412752	88.31	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	98924	106.47	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	582344	71.52	ng	-0.01
78) Terphenyl-d14	12.44	244	445127	63.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	55113	16.28	ng	# 61
49) Dimethylphthalate	9.14	163	140675	17.35	ng	# 96
56) 2,4-Dinitrotoluene	9.39	165	13342	5.69	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	8341	3.89	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

Instrument :

BNA_F

ClientSampleId :

SB-04(6-7)

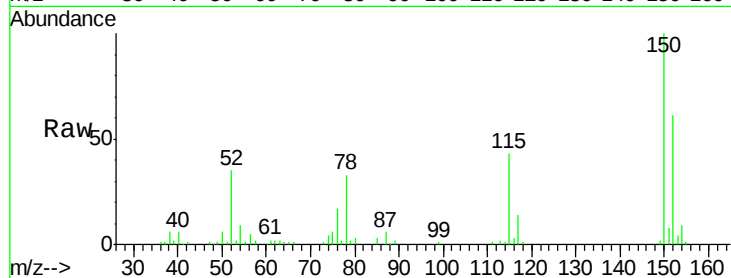
Tot Ion:152 Resp: 58288

Ion Ratio Lower Upper

152 100

150 164.2 124.7 187.1

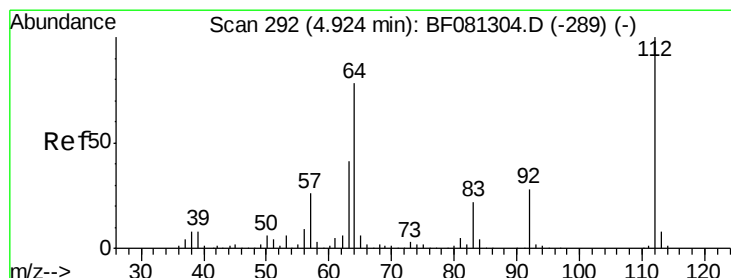
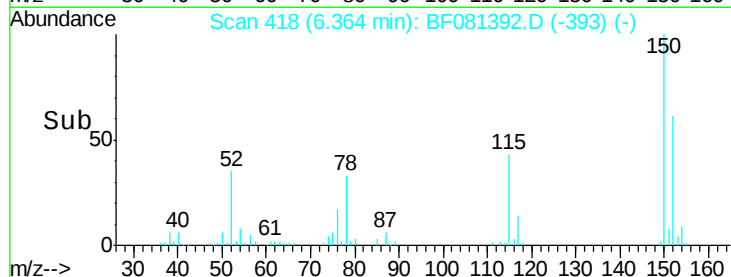
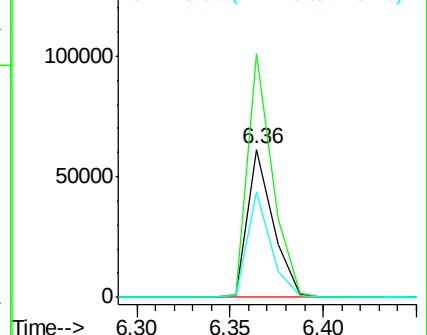
115 70.8 39.0 58.4#



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: 122.99 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

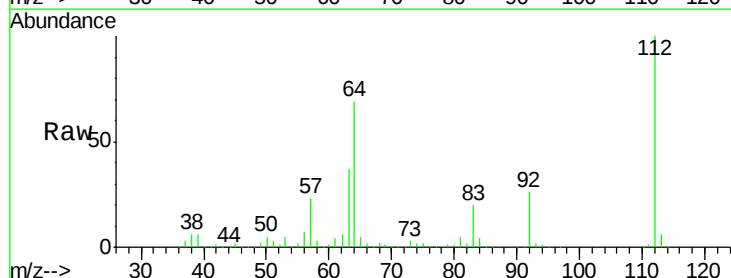
Tgt Ion:112 Resp: 462040

Ion Ratio Lower Upper

112 100

64 68.9 39.7 59.5#

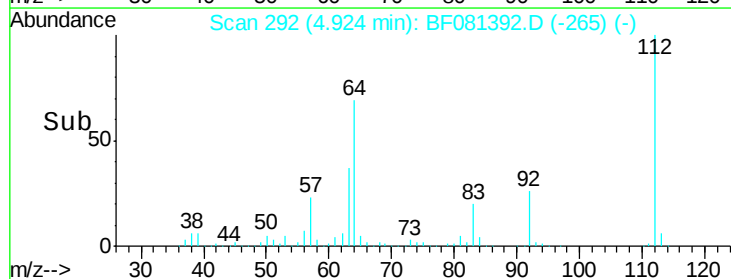
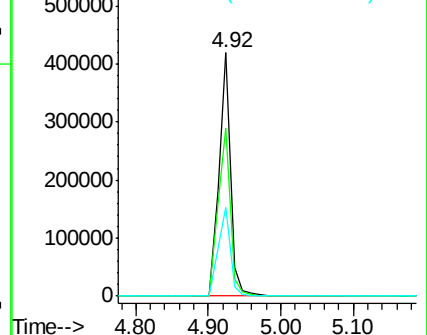
63 36.5 17.4 26.0#



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: 136.66 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

Instrument :

BNA_F

ClientSampleId :

SB-04(6-7)

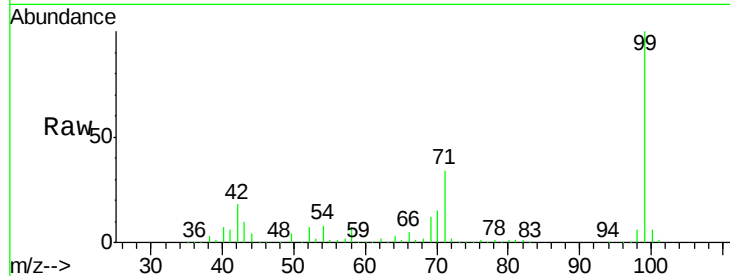
Tot Ion: 99 Resp: 679607

Ion Ratio Lower Upper

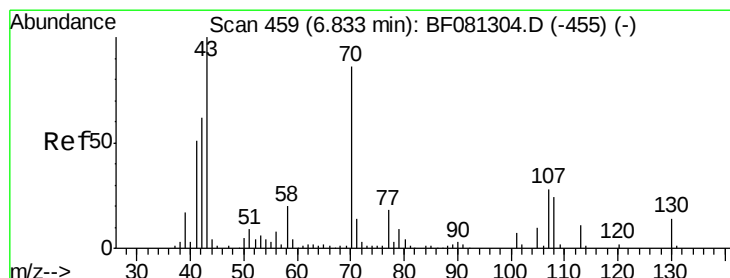
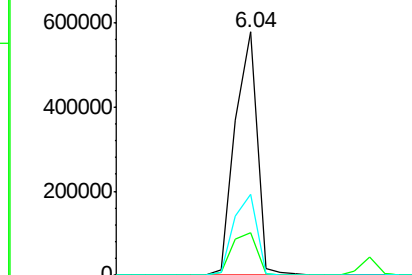
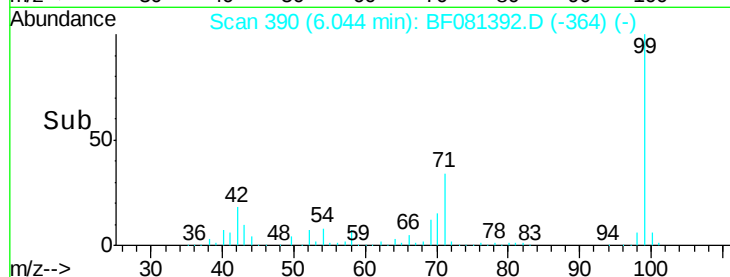
99 100

42 17.8 13.7 20.5

71 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.28 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

Tgt Ion: 70 Resp: 55113

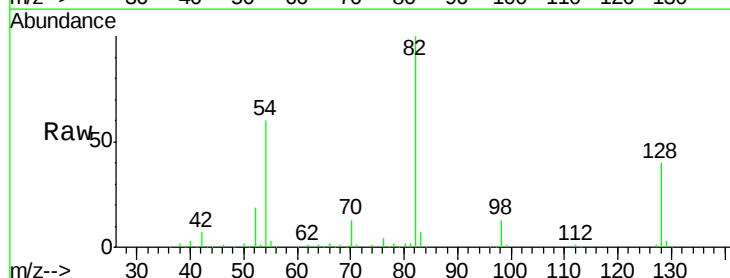
Ion Ratio Lower Upper

70 100

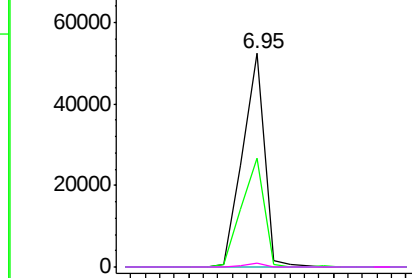
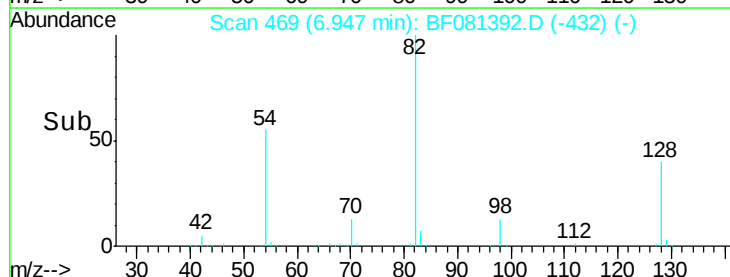
42 51.2 63.8 95.6#

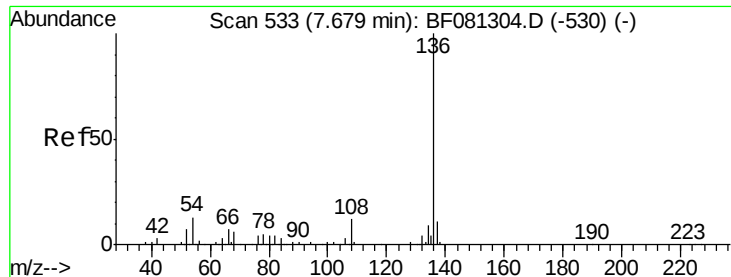
101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

Instrument :

BNA_F

ClientSampleId :

SB-04(6-7)

Tot Ion:136 Resp: 225489

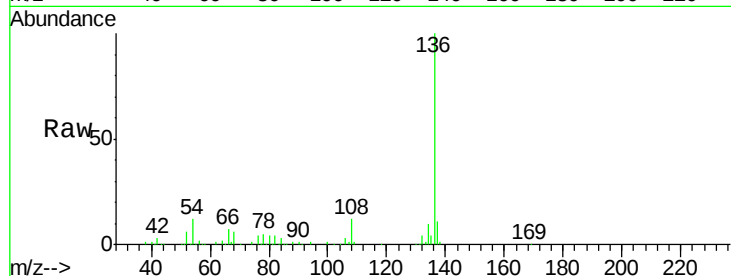
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.3 8.2 12.2#

68 5.8 5.8 8.6

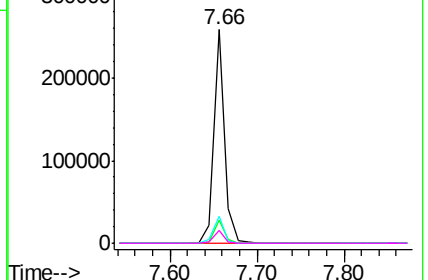
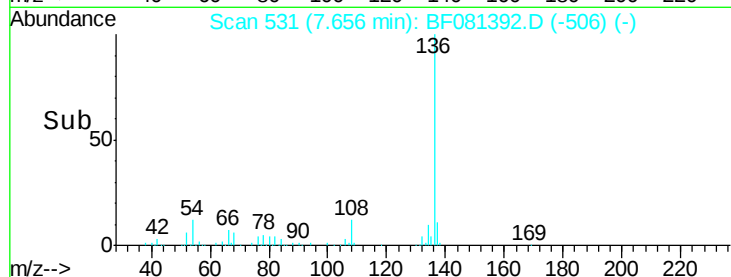


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.31 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF081392.D

Acq: 3 Sep 2015 23:25

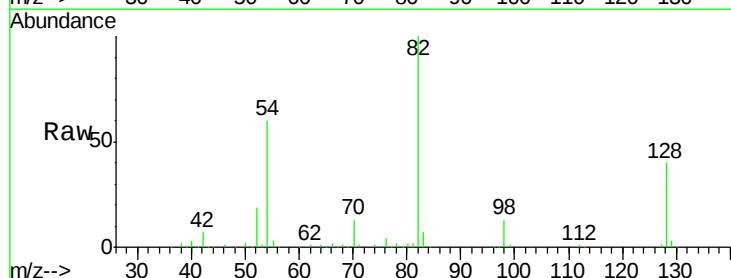
Tgt Ion: 82 Resp: 412752

Ion Ratio Lower Upper

82 100

128 40.5 51.0 76.6#

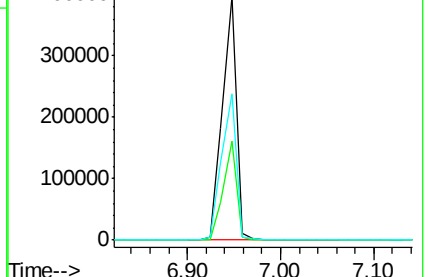
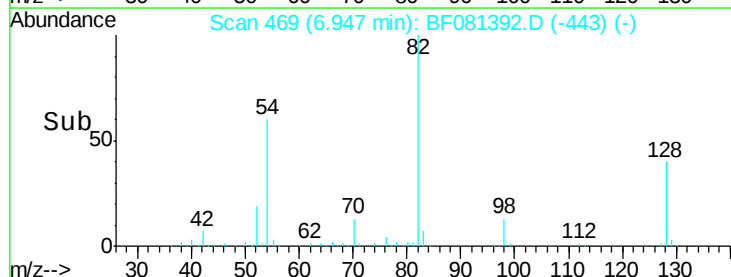
54 60.2 47.5 71.3

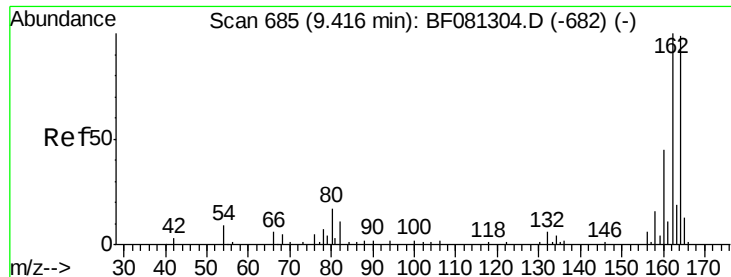


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

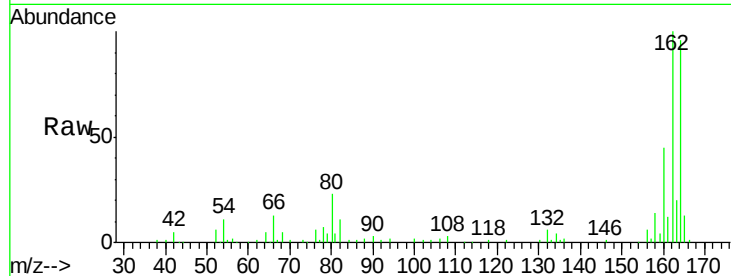




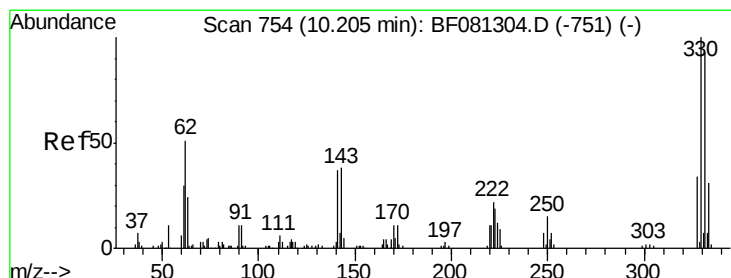
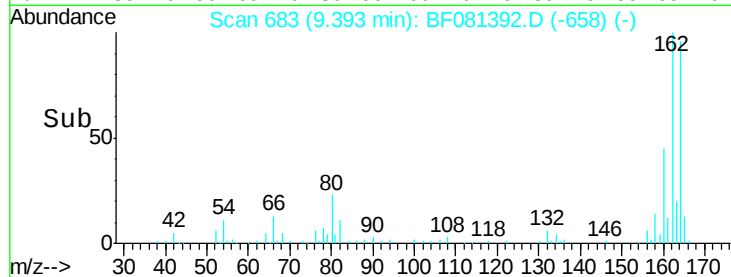
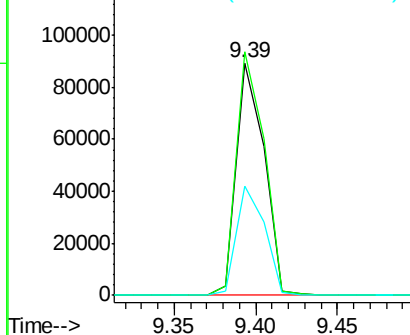
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(6-7)

Tot Ion:164 Resp: 104350
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 46.7 31.5 47.3

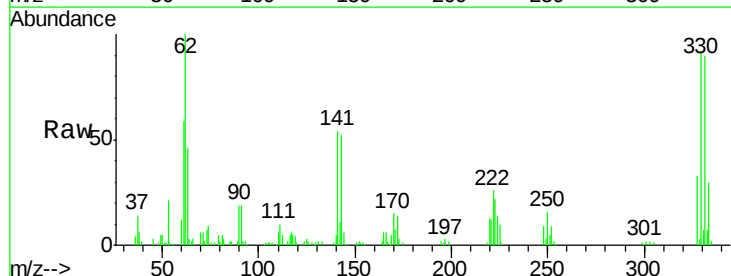


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

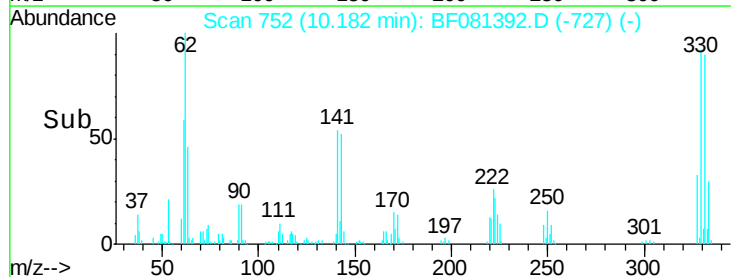
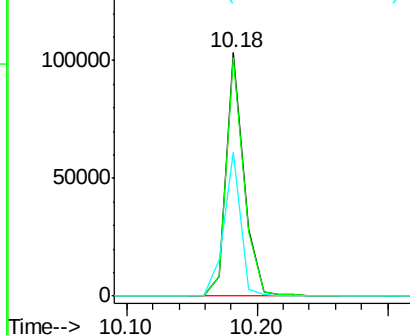


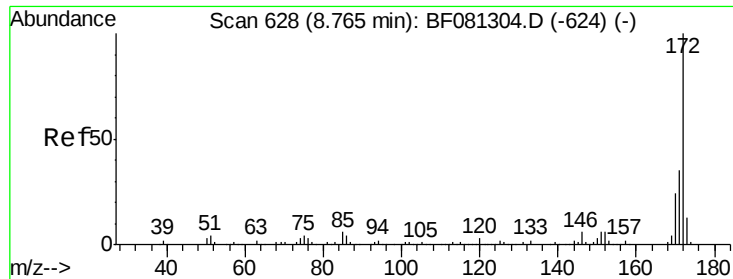
#41
 2,4,6-Tribromophenol
 Concen: 106.47 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

Tgt Ion:330 Resp: 98924
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 55.9 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

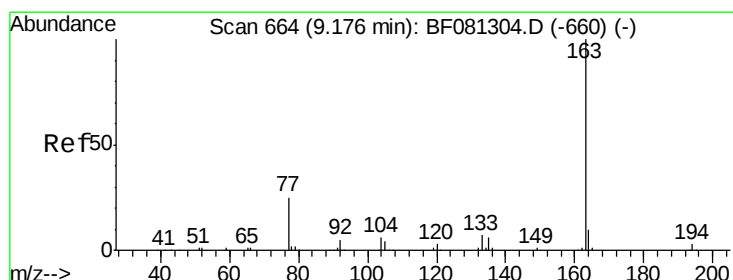
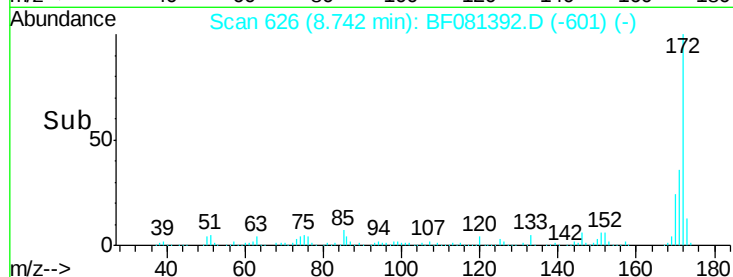
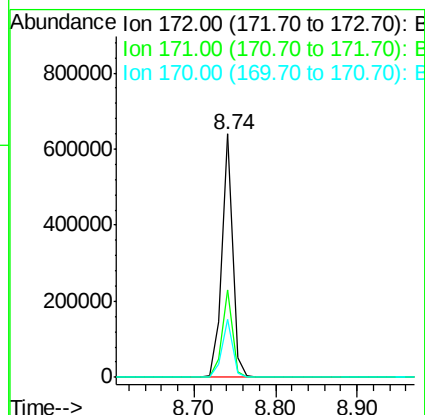
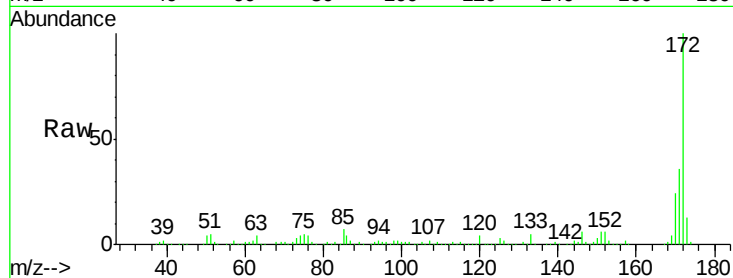




#44
2-Fluorobiphenyl
Concen: 71.52 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081392.D
Acq: 3 Sep 2015 23:25

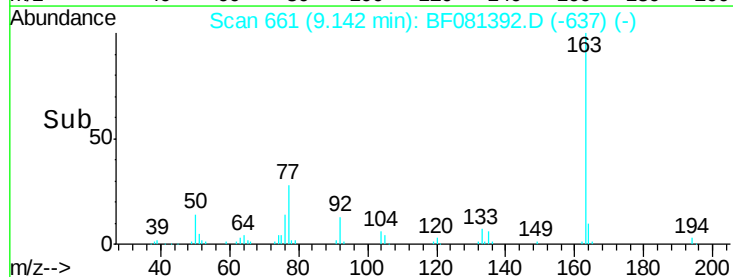
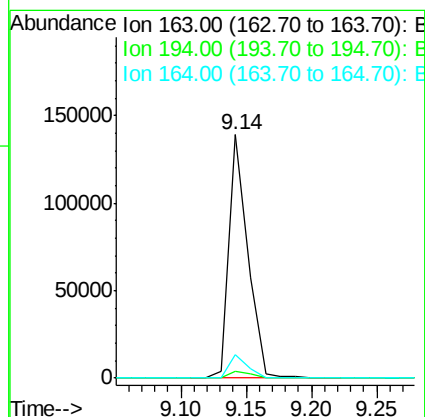
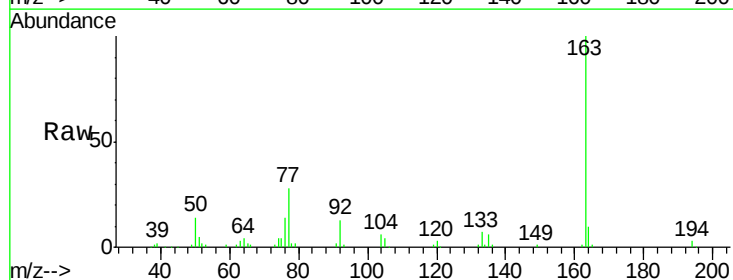
Instrument :
BNA_F
ClientSampleId :
SB-04(6-7)

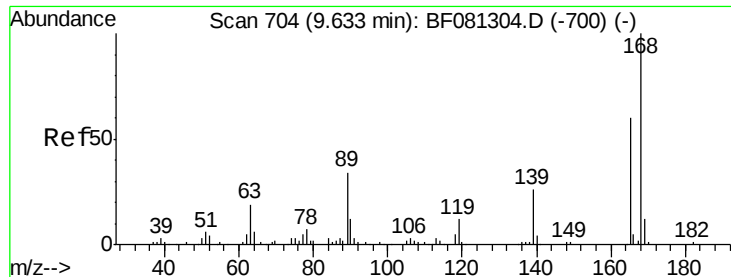
Tot Ion:172 Resp: 582344
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 17.35 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081392.D
Acq: 3 Sep 2015 23:25

Tgt Ion:163 Resp: 140675
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 9.8 8.3 12.5

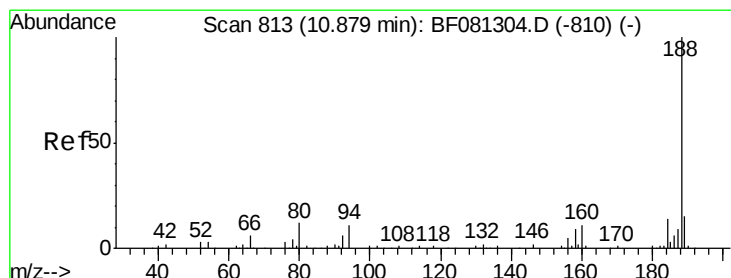
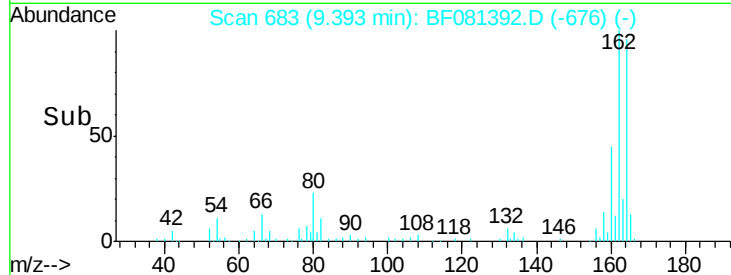
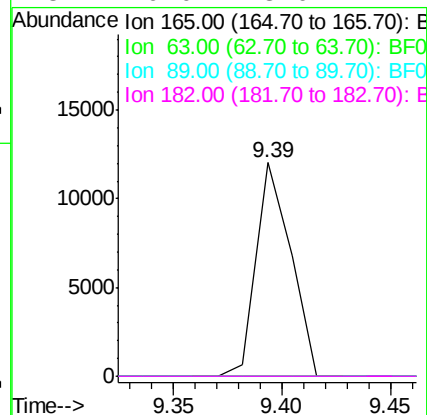
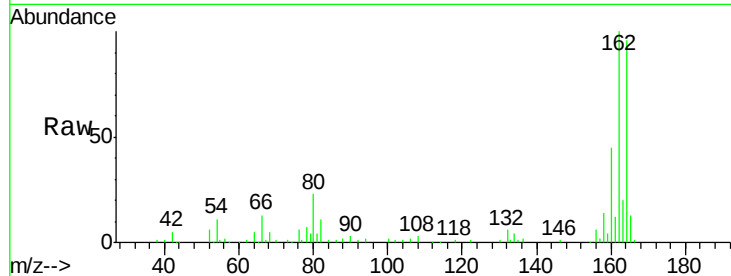




#56
 2,4-Dinitrotoluene
 Concen: 5.69 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

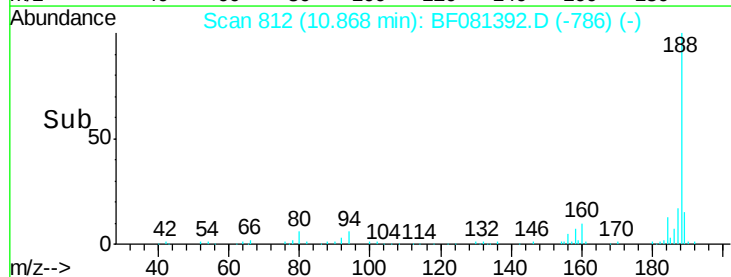
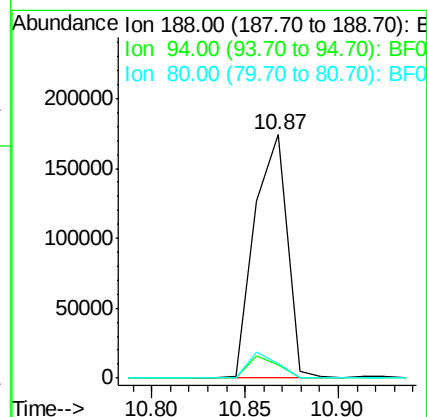
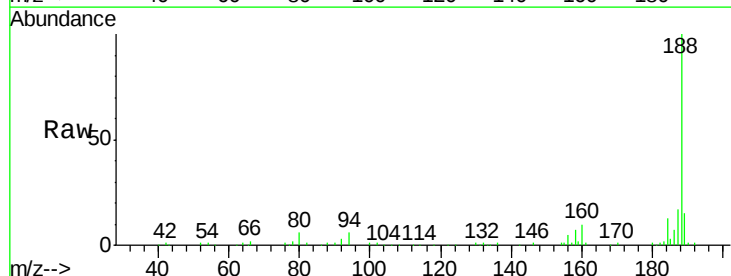
Instrument :
 BNA_F
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 SB-04(6-7)

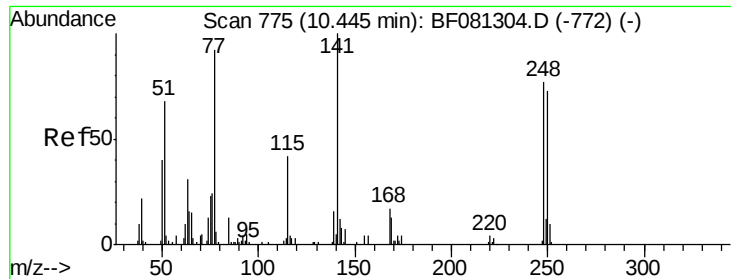
Tot Ion:	165	Resp:	13342
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

Tgt Ion:	188	Resp:	212331
Ion	Ratio	Lower	Upper
188	100		
94	5.6	11.1	16.7#
80	6.0	11.0	16.4#

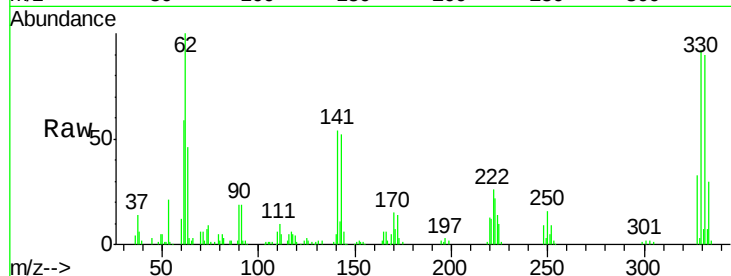




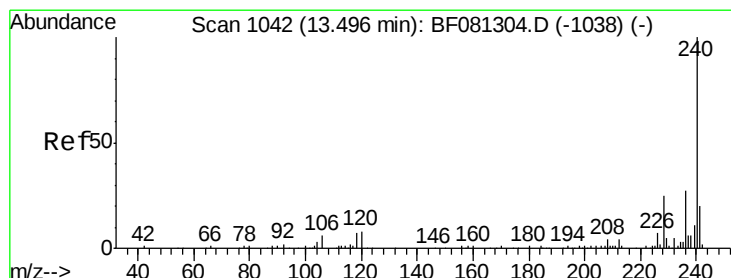
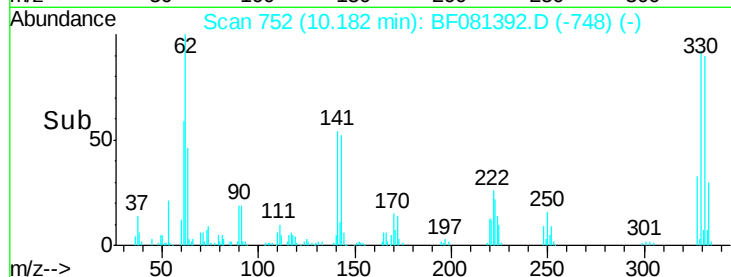
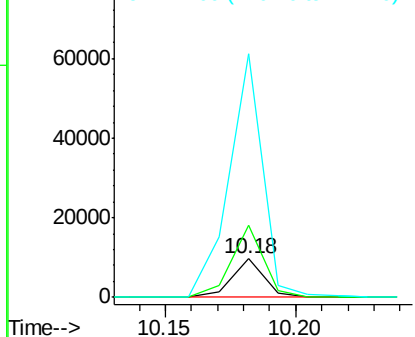
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF081392.D
Acq: 3 Sep 2015 23:25

Instrument :
BNA_F
ClientSampleId :
SB-04(6-7)

Tot Ion:248 Resp: 8341
Ion Ratio Lower Upper
248 100
250 188.7 78.5 117.7#
141 637.5 59.0 88.6#

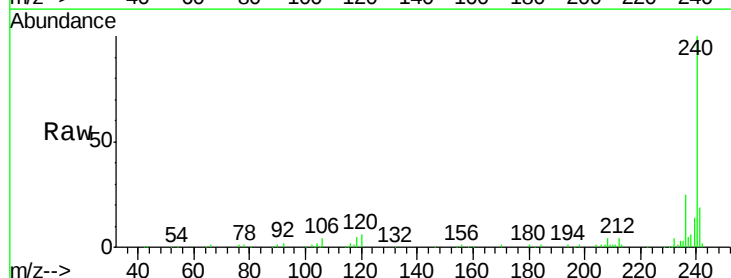


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

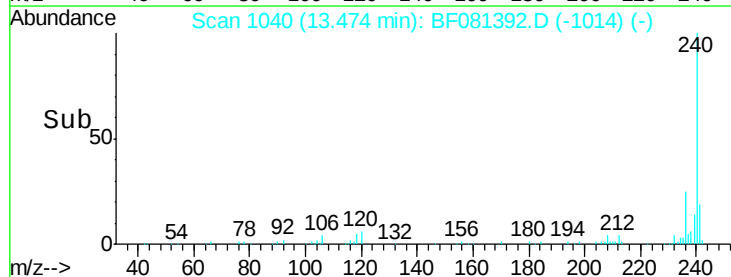
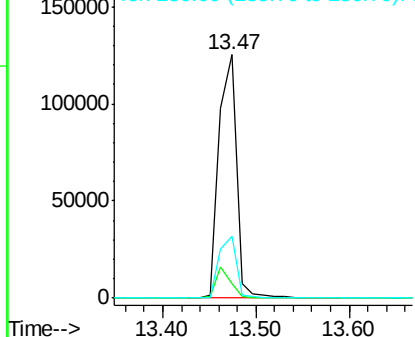


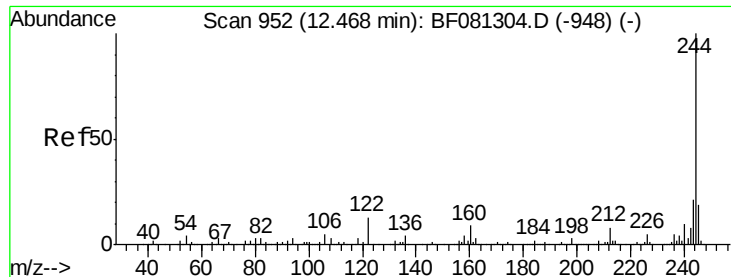
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081392.D
Acq: 3 Sep 2015 23:25

Tgt Ion:240 Resp: 163117
Ion Ratio Lower Upper
240 100
120 5.9 16.2 24.2#
236 25.3 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

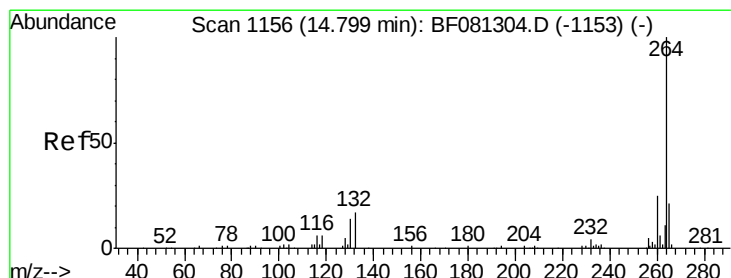
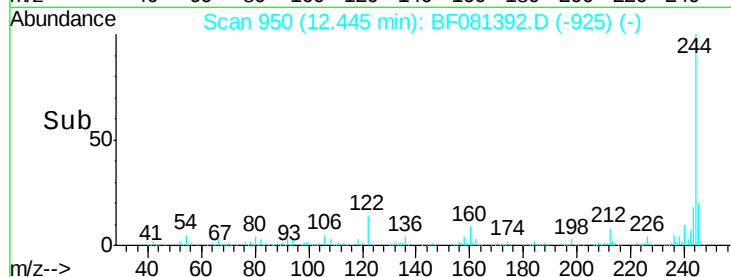
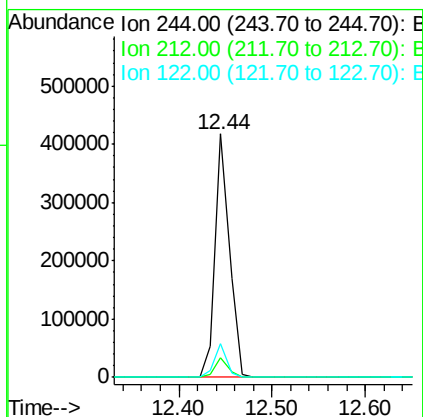
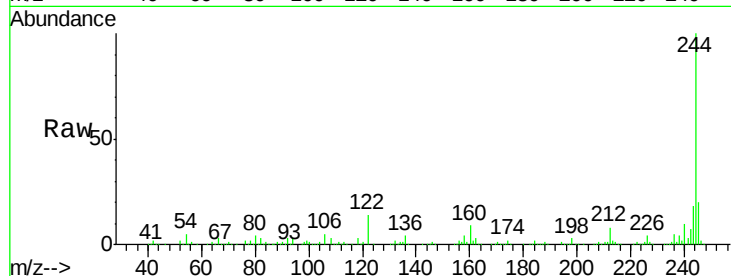




#78
 Terphenyl-d14
 Concen: 63.52 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(6-7)

Tot Ion:244 Resp: 445127
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081392.D
 Acq: 3 Sep 2015 23:25

Tgt Ion:264 Resp: 103609
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.4 17.2 25.8

