

Data Path : Z:\HPCHEM1\BNA F\Data\BF110415\
 Data File : BF082692.D
 Acq On : 4 Nov 2015 9:11
 Operator : UM/IZ
 Sample : G4241-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Quant Time: Nov 04 12:06:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

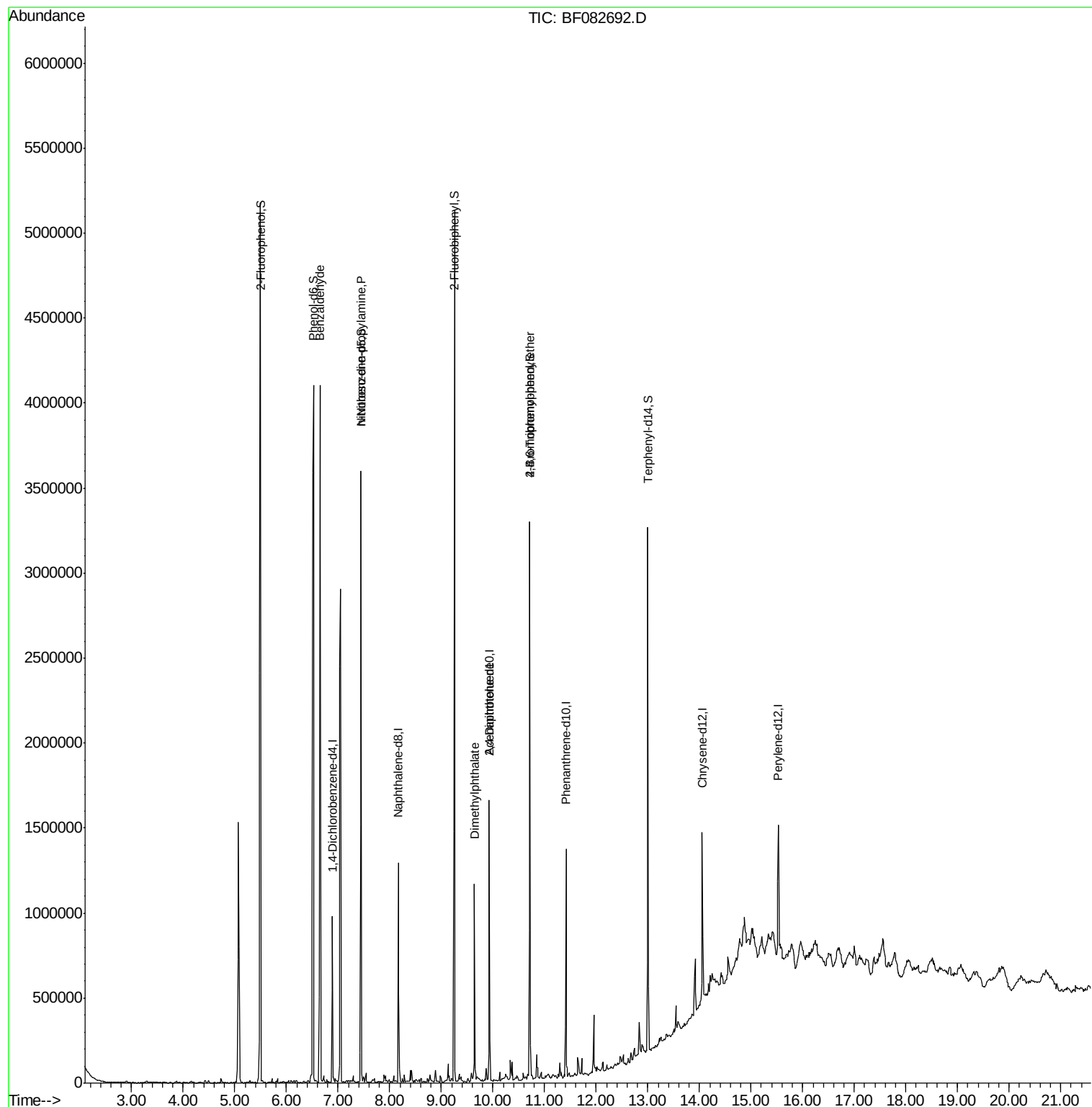
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166677	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	578930	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	292835	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	463028	20.00	ng	0.00
75) Chrysene-d12	14.05	240	359792	20.00	ng	0.00
86) Perylene-d12	15.53	264	358245	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1357095	122.63	ng	0.02
7) Phenol-d6	6.52	99	2023259	137.62	ng	0.01
23) Nitrobenzene-d5	7.45	82	1260477	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	332494	103.75	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1469634	71.25	ng	0.00
78) Terphenyl-d14	13.00	244	879917	53.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	39595	3.95	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.45	70	183125	16.43	ng	# 69
49) Dimethylphthalate	9.64	163	387400	16.20	ng	99
56) 2,4-Dinitrotoluene	9.93	165	38447	5.74	ng	# 15
66) 4-Bromophenyl-phenylether	10.72	248	23690	4.51	ng	# 1

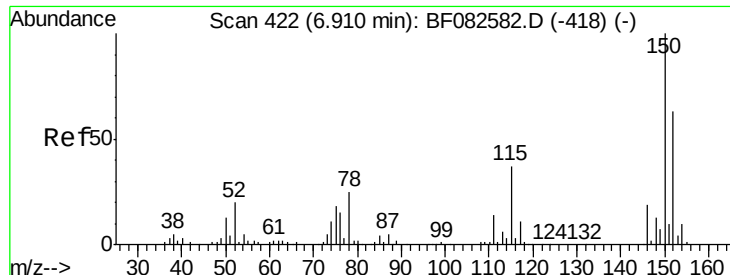
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-12(2-4)

Quant Time: Nov 04 12:06:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

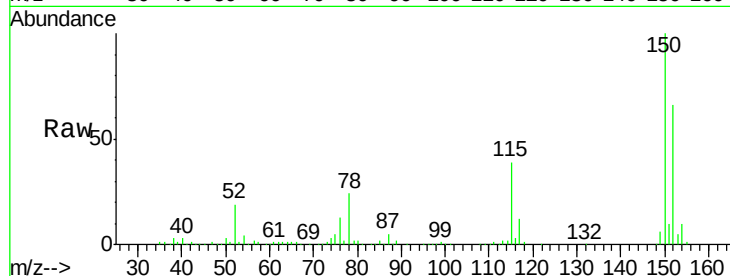
Tot Ion:152 Resp: 166677

Ion Ratio Lower Upper

152 100

150 152.4 127.0 190.4

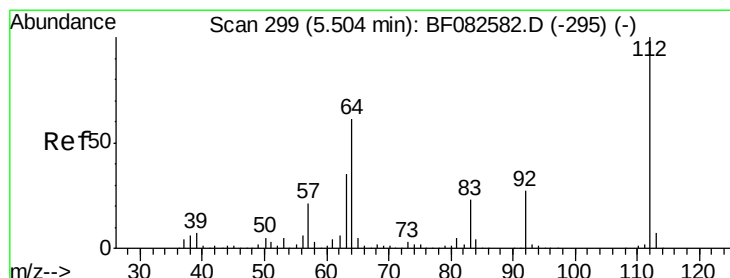
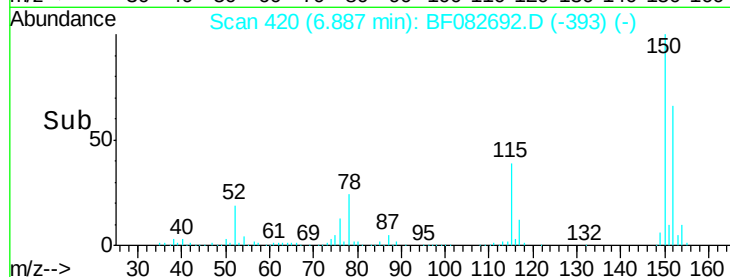
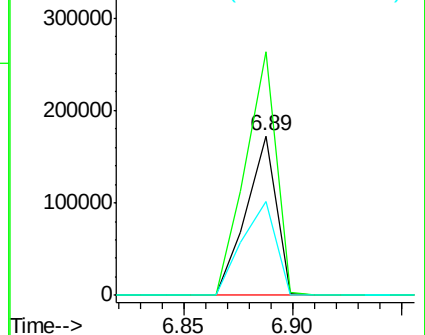
115 58.9 47.0 70.6



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: 122.63 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

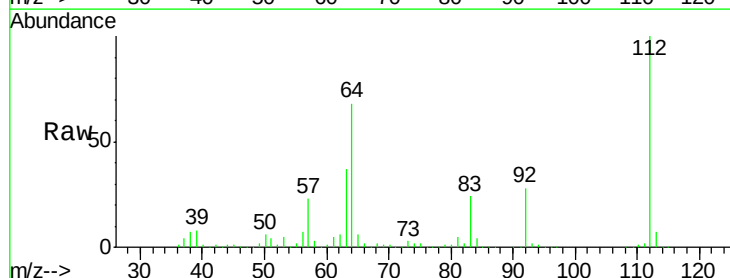
Tgt Ion:112 Resp: 1357095

Ion Ratio Lower Upper

112 100

64 68.2 48.9 73.3

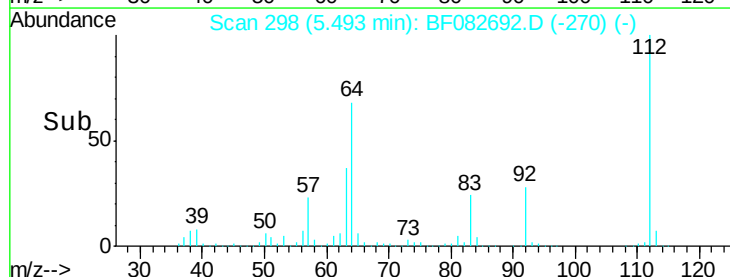
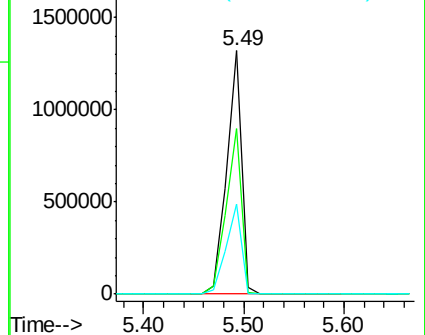
63 37.0 28.1 42.1

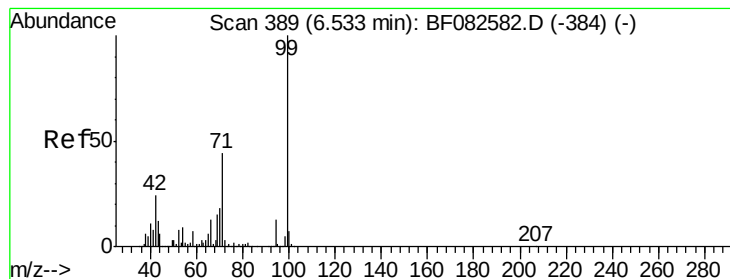


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.62 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

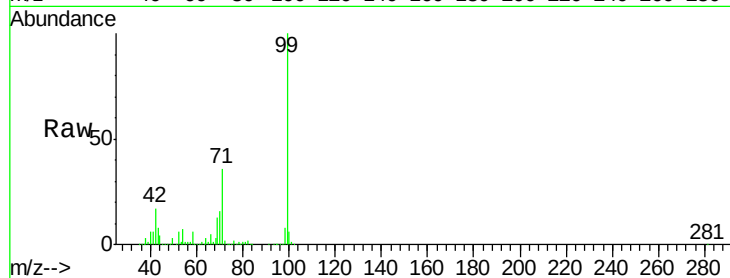
Tot Ion: 99 Resp: 2023259

Ion Ratio Lower Upper

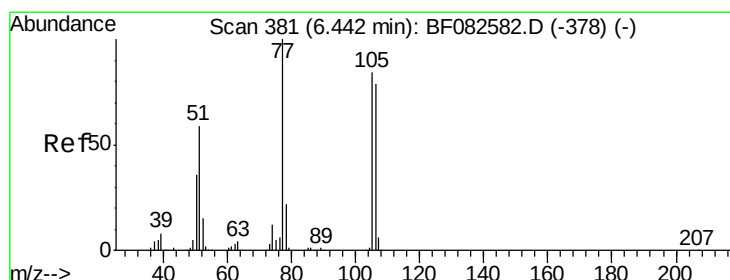
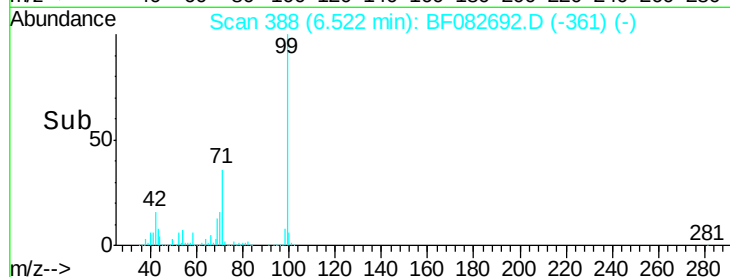
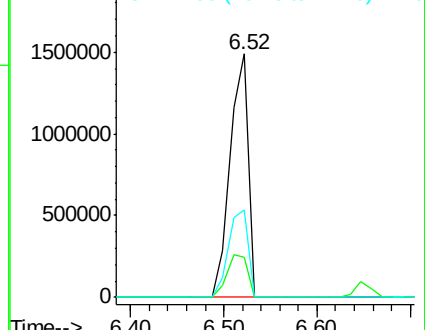
99 100

42 16.5 19.2 28.8#

71 35.7 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.95 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

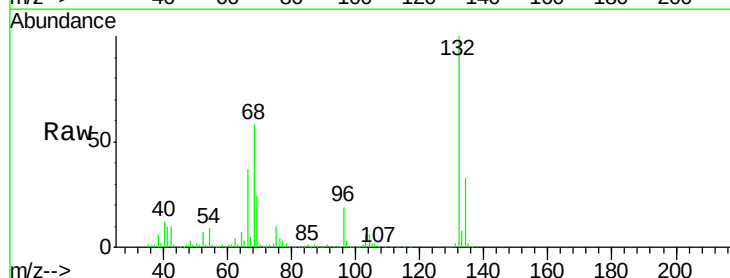
Tgt Ion: 77 Resp: 39595

Ion Ratio Lower Upper

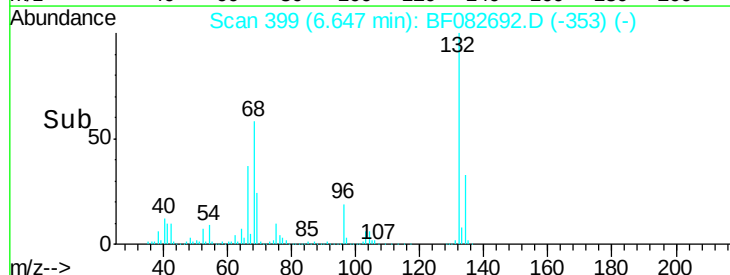
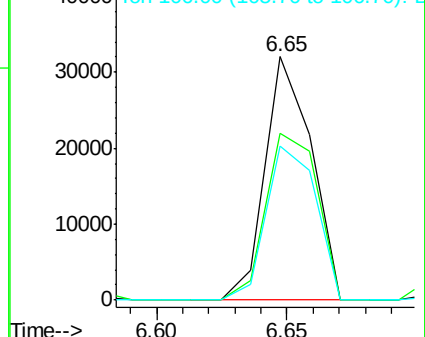
77 100

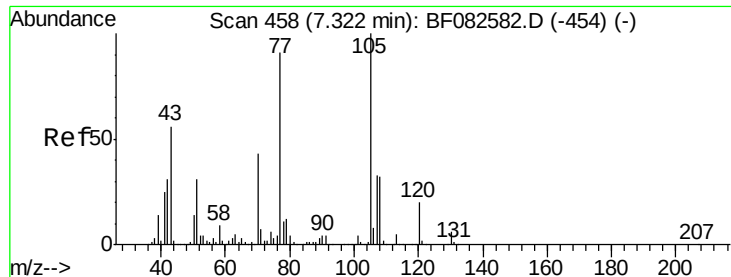
105 68.4 63.5 103.5

106 63.0 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

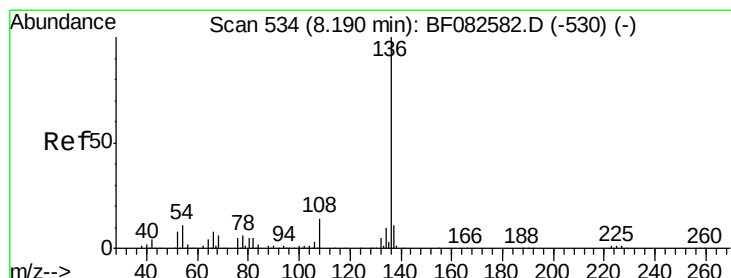
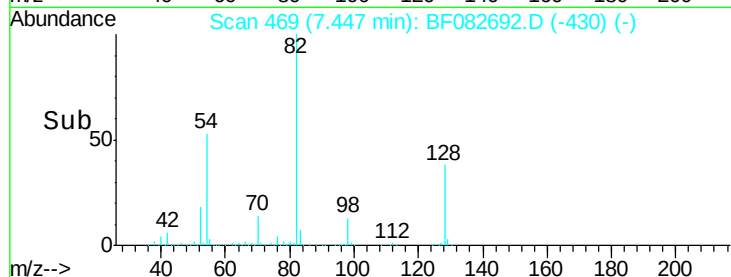
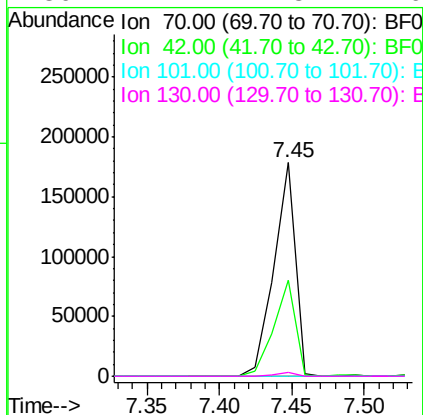
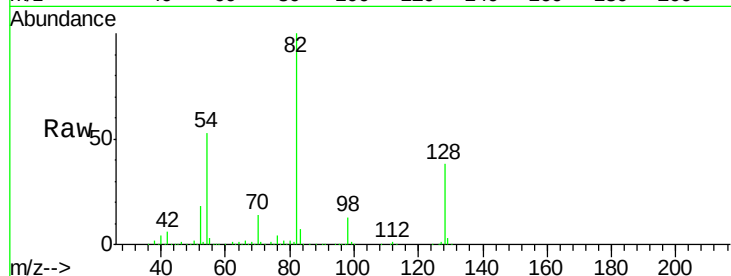




#19
n-Nitroso-di-n-propylamine
Concen: 16.43 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

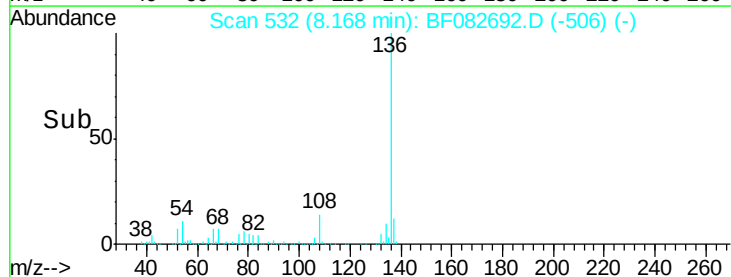
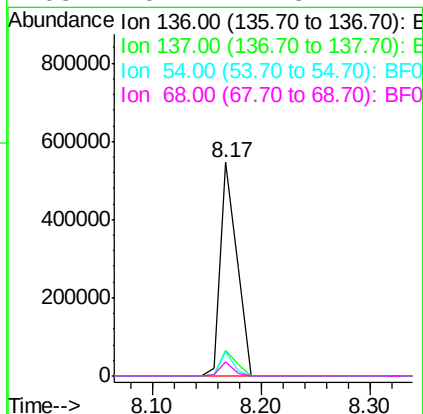
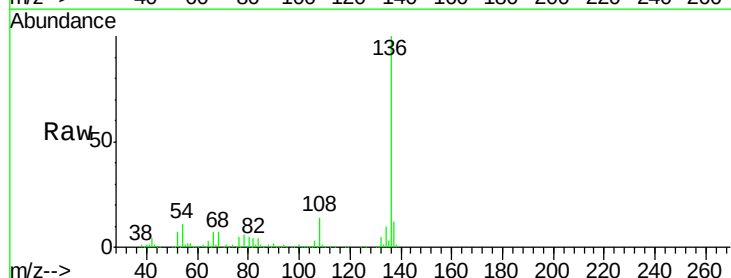
Instrument :
BNA_F
ClientSampleId :
SB-12(2-4)

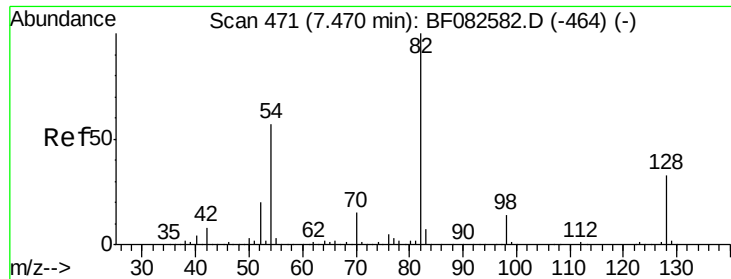
Tot Ion: 70 Resp: 183125
Ion Ratio Lower Upper
70 100
42 45.0 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Tgt Ion: 136 Resp: 578930
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 11.1 9.1 13.7
68 6.7 4.8 7.2



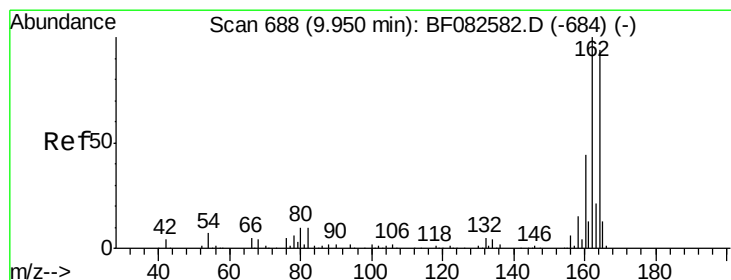
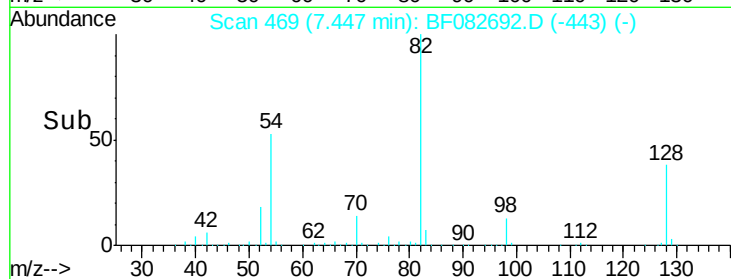
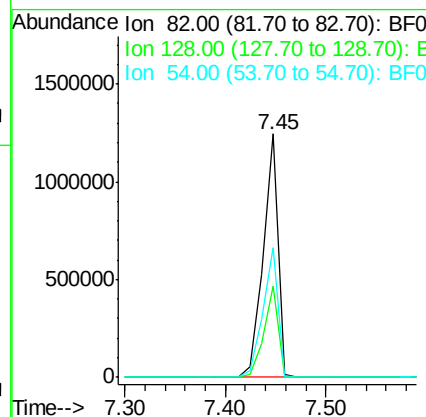
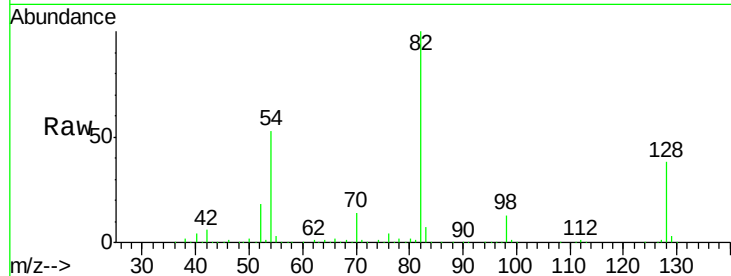


#23
 Nitrobenzene-d5
 Concen: 88.91 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Tot Ion: 82 Resp: 1260477

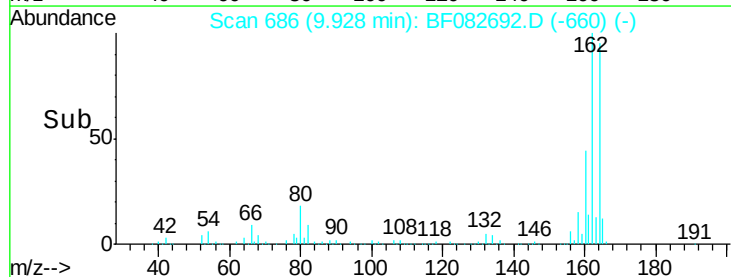
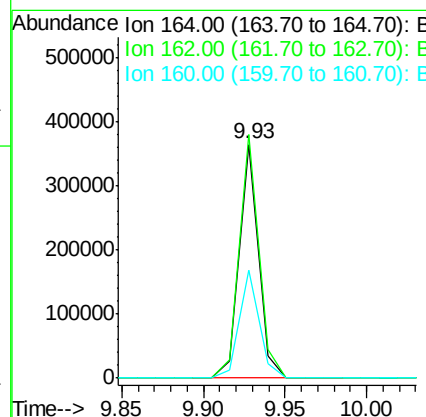
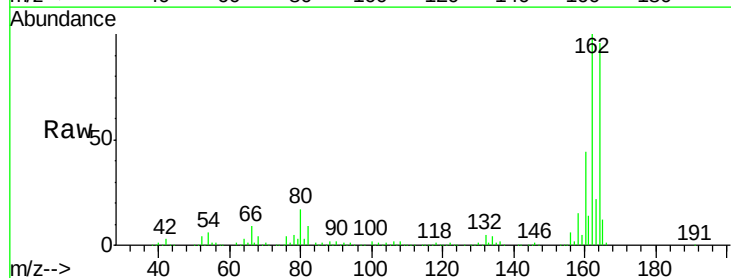
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.8	40.2
54	53.3	45.7	68.5

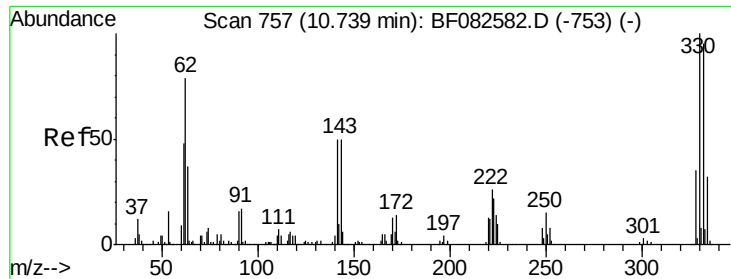


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Tgt Ion:164 Resp: 292835

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.9	127.3
160	46.1	37.5	56.3

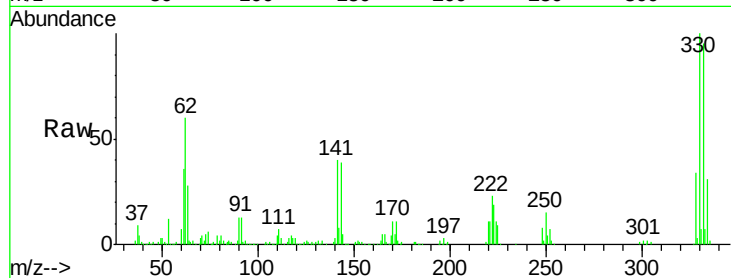




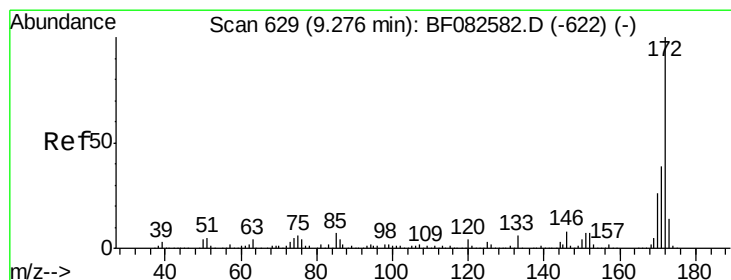
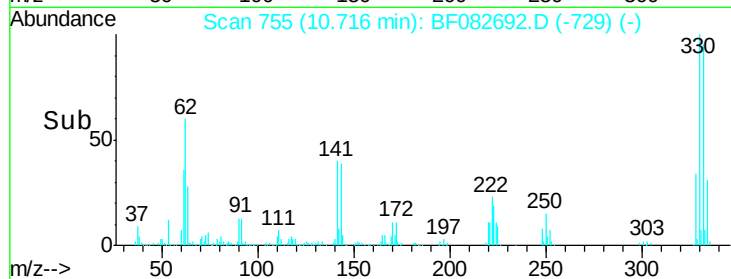
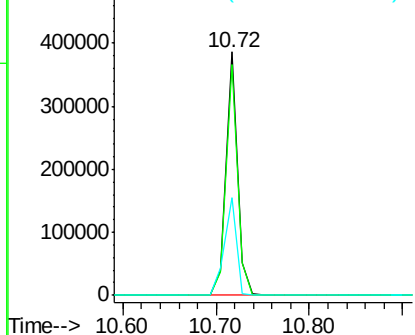
#41
 2,4,6-Tribromophenol
 Concen: 103.75 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(2-4)

Tot Ion:330 Resp: 332494
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 42.1 41.2 61.8

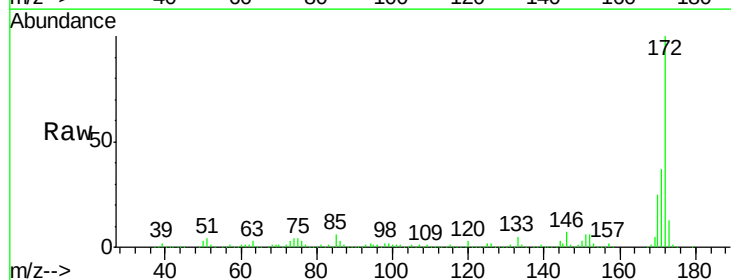


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

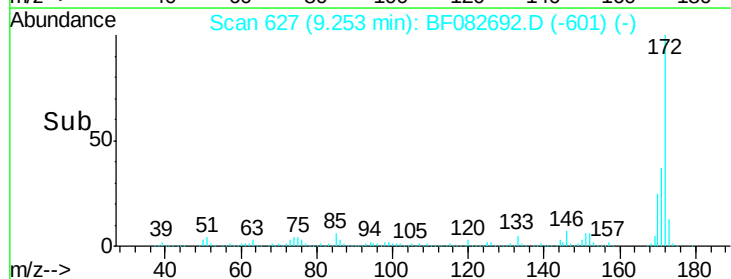
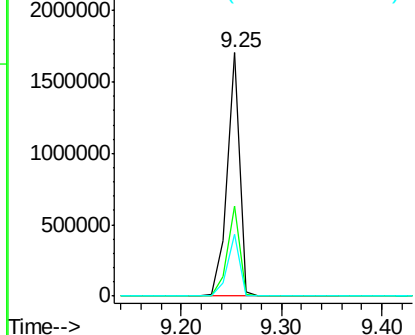


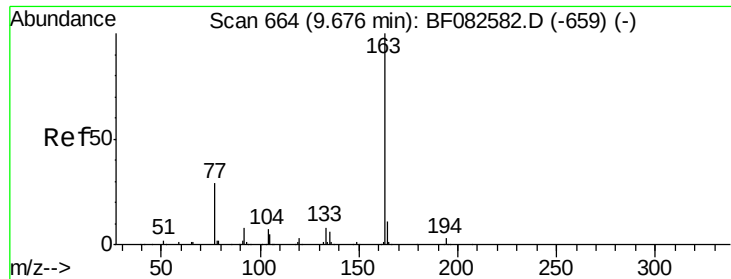
#44
 2-Fluorobiphenyl
 Concen: 71.25 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082692.D
 Acq: 4 Nov 2015 9:11

Tgt Ion:172 Resp: 1469634
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.2 21.2 31.8



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

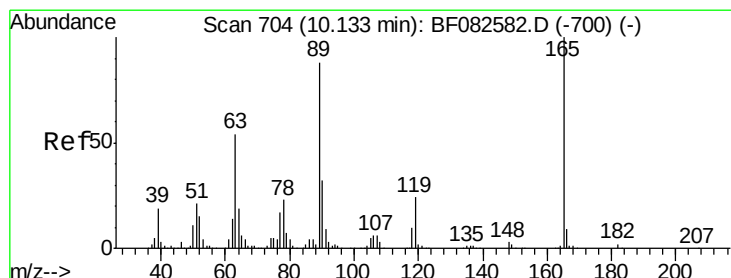
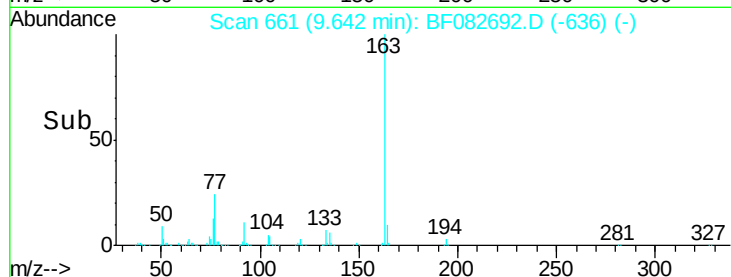
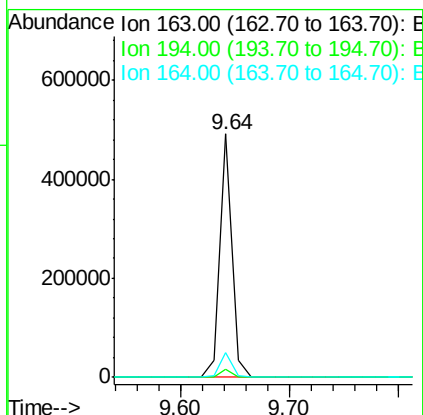
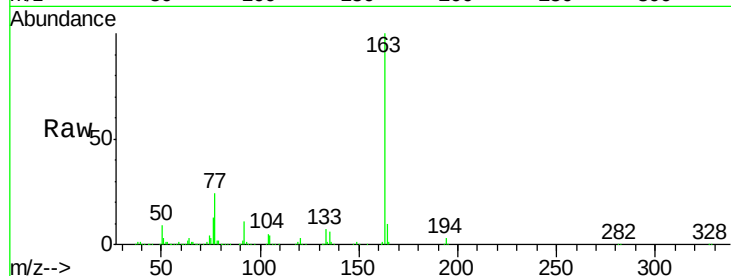




#49
Dimethylphthalate
Concen: 16.20 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

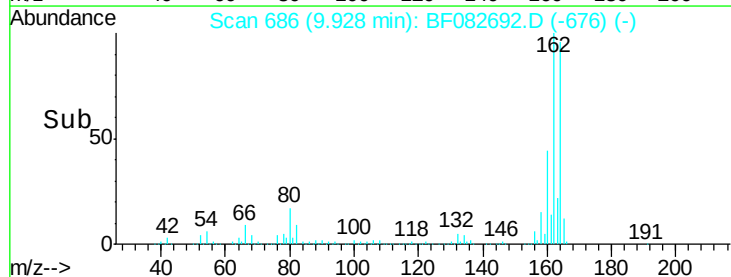
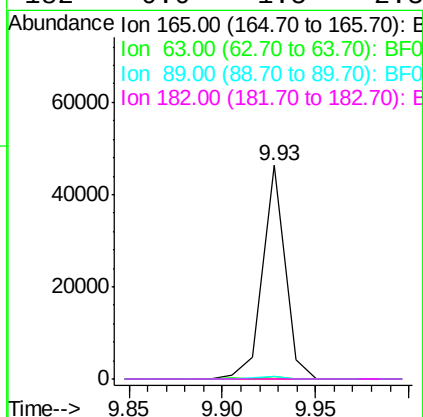
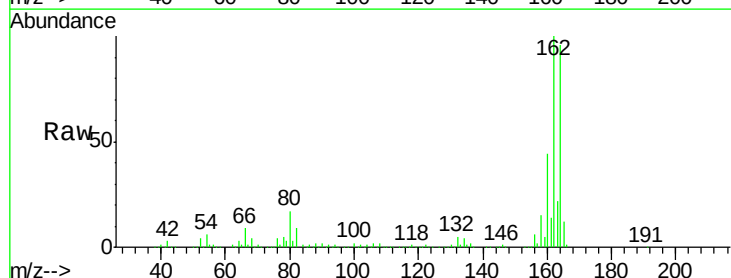
Instrument :
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SB-12(2-4)

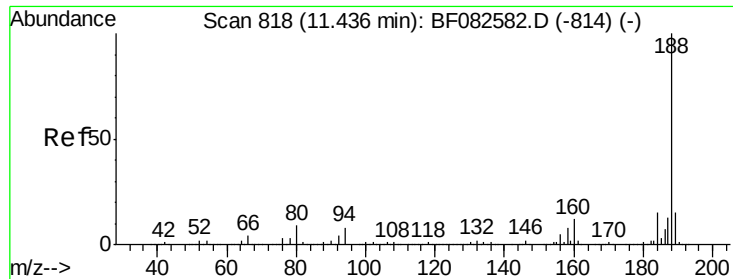
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.7	13.1



#56
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.18 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

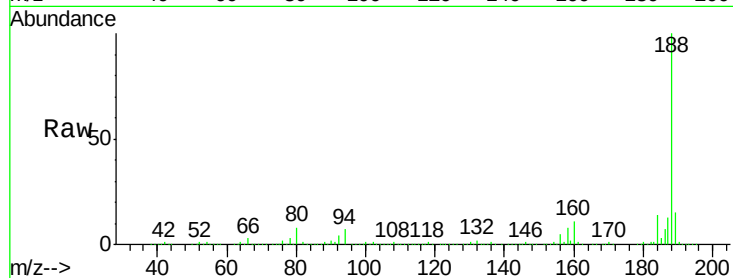




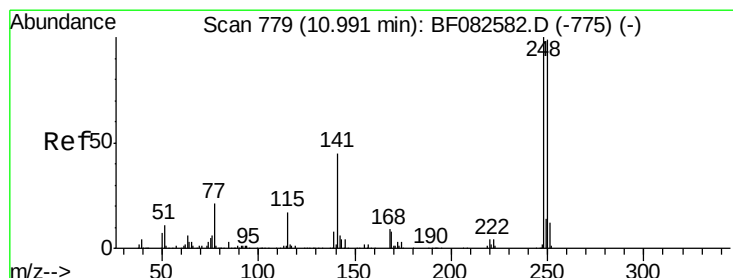
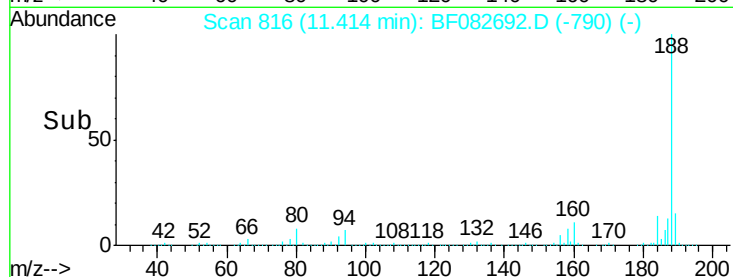
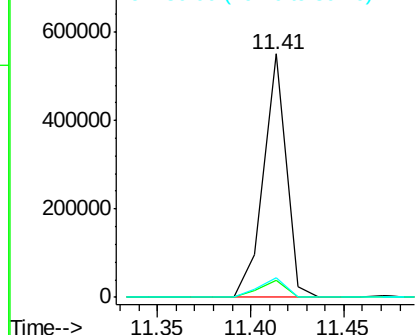
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Instrument :
BNA_F
ClientSampleId :
SB-12(2-4)

Tot Ion:188 Resp: 463028
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 8.1 7.0 10.6

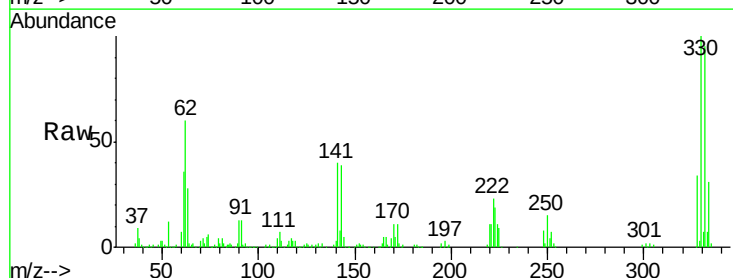


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

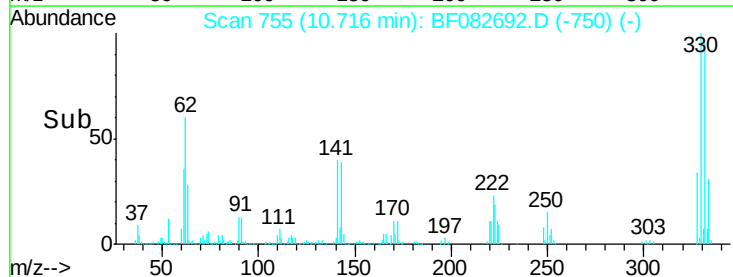
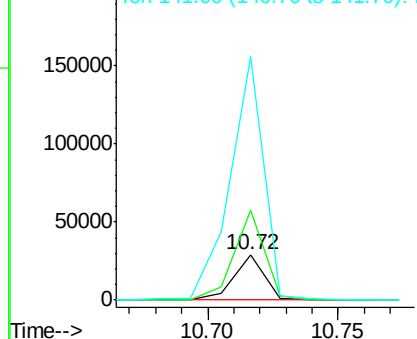


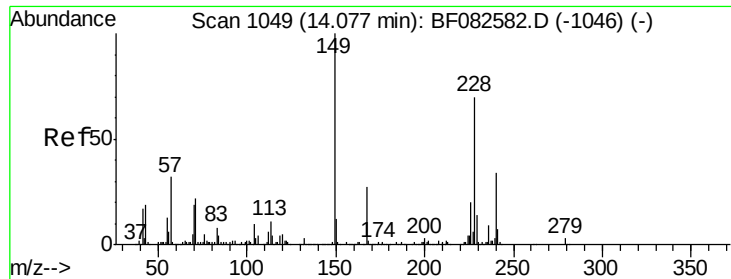
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Tgt Ion:248 Resp: 23690
Ion Ratio Lower Upper
248 100
250 198.0 79.4 119.2#
141 533.3 36.3 54.5#



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: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

Instrument :

BNA_F

ClientSampleId :

SB-12(2-4)

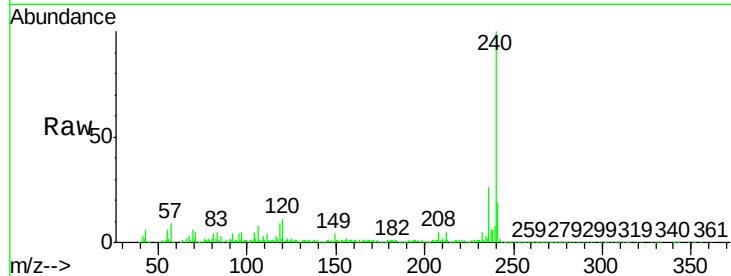
Tot Ion:240 Resp: 359792

Ion Ratio Lower Upper

240 100

120 10.7 10.9 16.3#

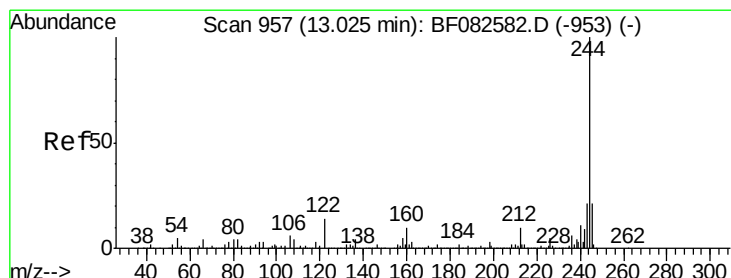
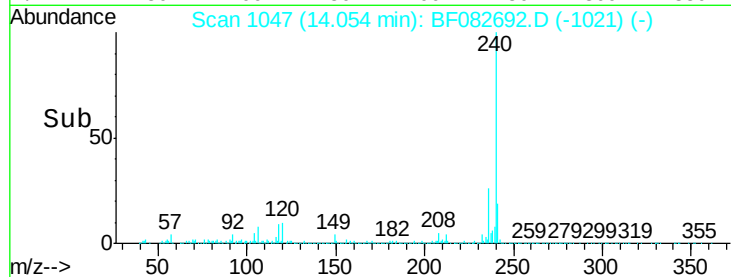
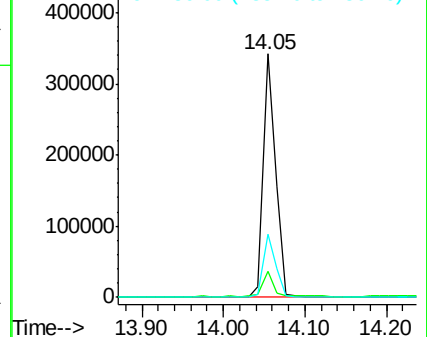
236 26.0 21.6 32.4



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: 53.52 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082692.D

Acq: 4 Nov 2015 9:11

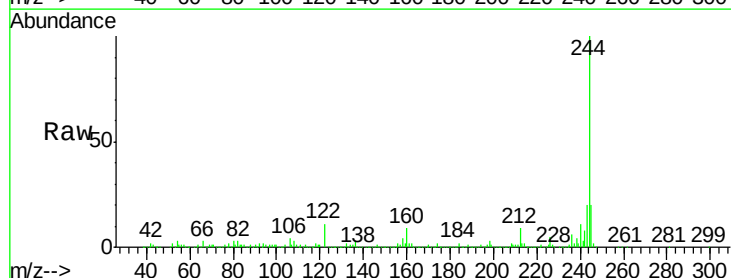
Tgt Ion:244 Resp: 879917

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

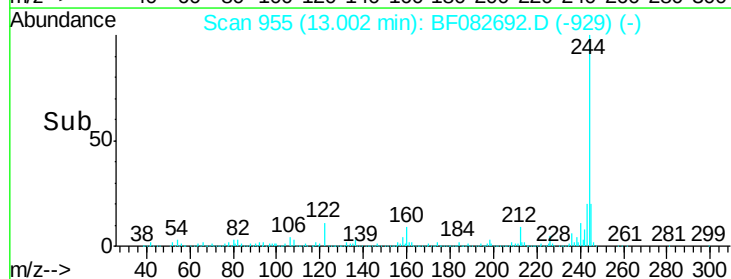
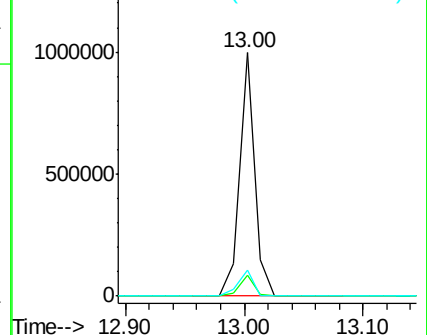
122 10.6 11.3 16.9#

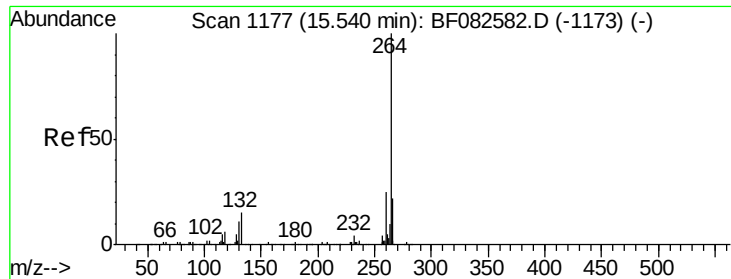


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF082692.D
Acq: 4 Nov 2015 9:11

Instrument :
BNA_F
ClientSampleId :
SB-12(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.3	17.4	26.0

