

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082701.D
 Acq On : 4 Nov 2015 15:19
 Operator : UM/IZ
 Sample : G4240-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)

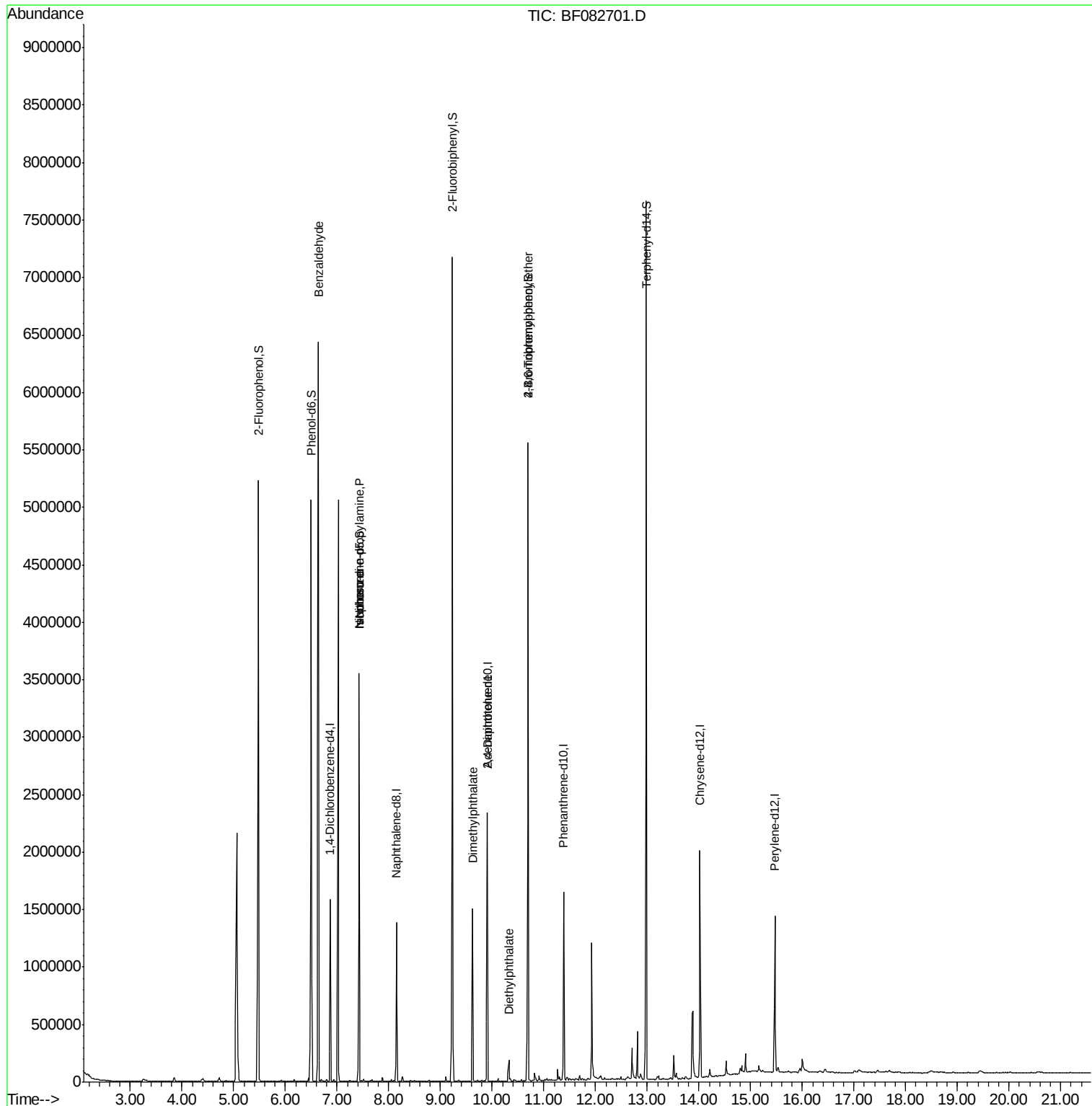
Quant Time: Nov 04 23:17:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

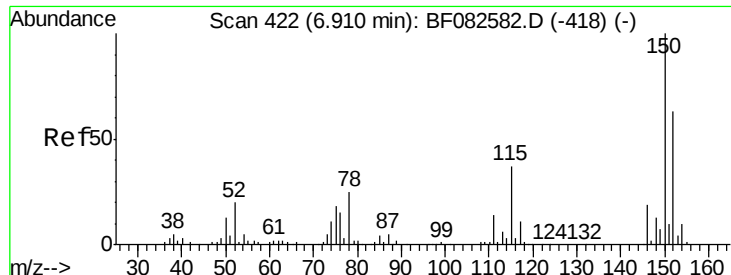
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	207767	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	737915	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	449565	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	856736	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	767578	20.00	ng	-0.03
86) Perylene-d12	15.47	264	639622	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1762575	127.77	ng	0.01
7) Phenol-d6	6.50	99	1950811	106.45	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1364378	75.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	626702	127.38	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2202298	69.55	ng	-0.02
78) Terphenyl-d14	12.98	244	2336647	66.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	48912	3.91	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.42	70	193354	13.92	ng	# 70
25) Isophorone	7.42	82	1003323	30.18	ng	# 70
49) Dimethylphthalate	9.62	163	539959	14.71	ng	98
56) 2,4-Dinitrotoluene	9.90	165	60673	5.90	ng	# 15
59) Diethylphthalate	10.33	149	108915	2.91	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	45923	4.73	ng	# 1

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

```
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ALS Vial  : 8 Sample Multiplier: 1
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Quant Time: Nov 04 23:17:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)

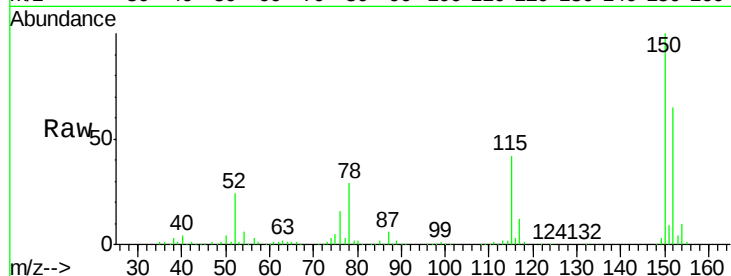
Tgt Ion:152 Resp: 207767

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

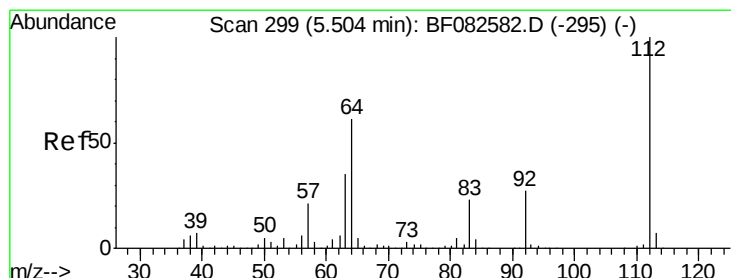
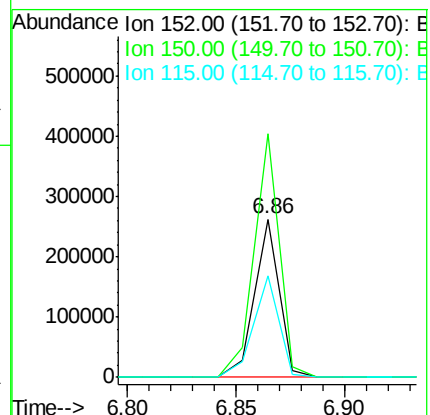
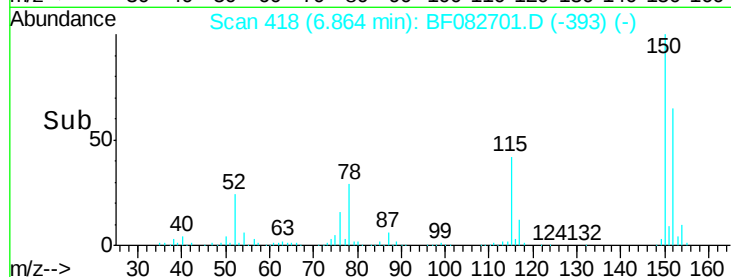
115 64.3 47.0 70.6



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: 127.77 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

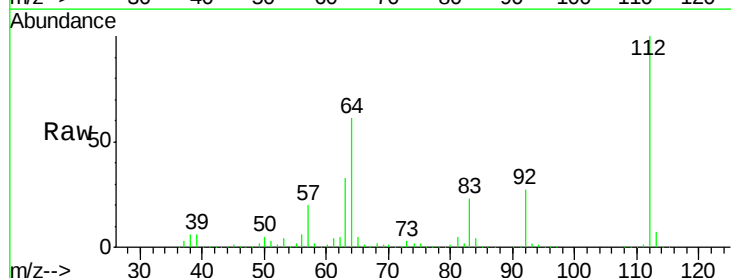
Tgt Ion:112 Resp: 1762575

Ion Ratio Lower Upper

112 100

64 60.8 48.9 73.3

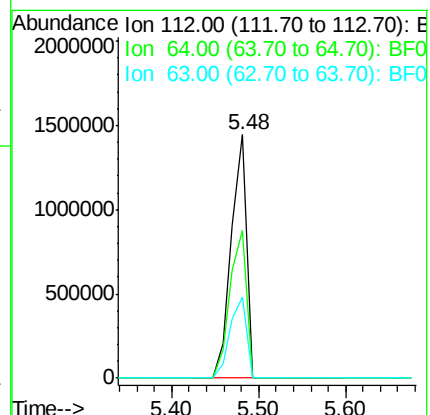
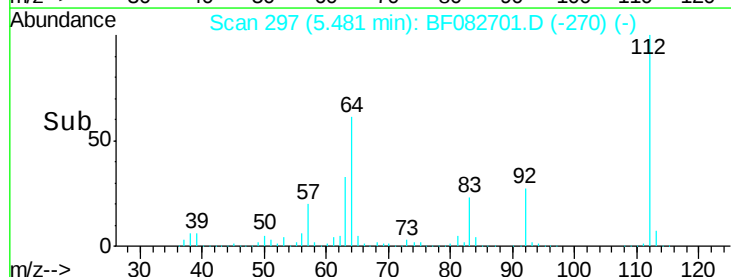
63 33.4 28.1 42.1

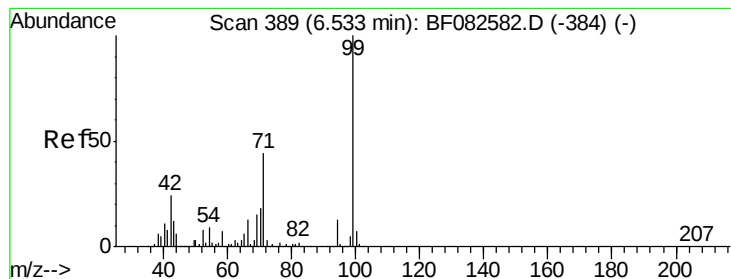


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)

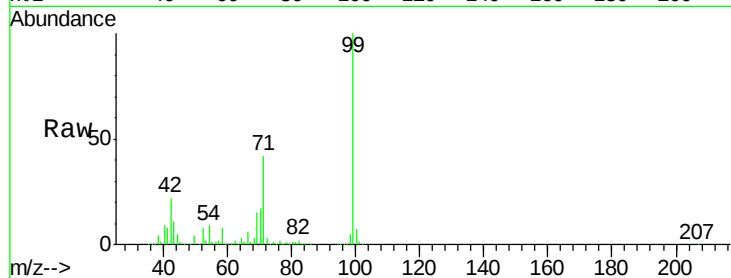
Tgt Ion: 99 Resp: 1950811

Ion Ratio Lower Upper

99 100

42 22.3 19.2 28.8

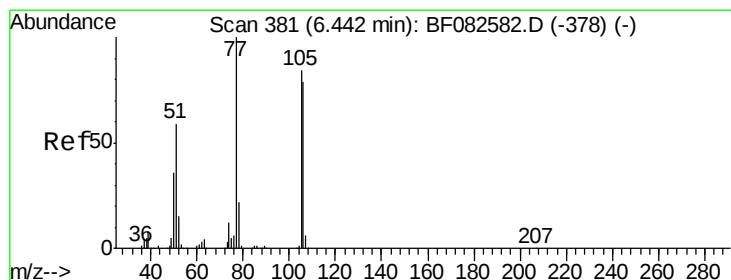
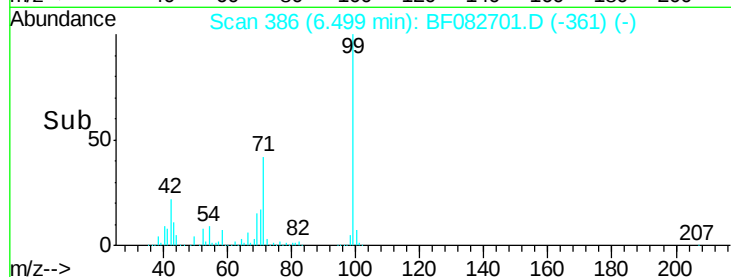
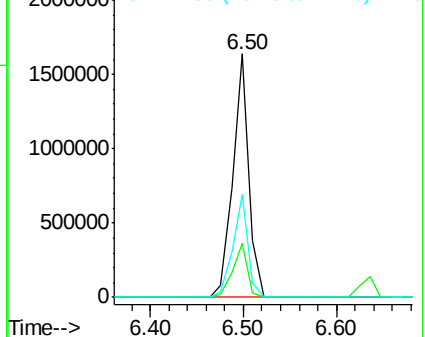
71 42.2 35.0 52.4



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: 3.91 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

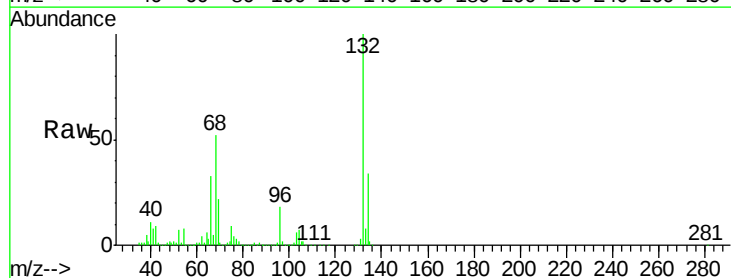
Tgt Ion: 77 Resp: 48912

Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

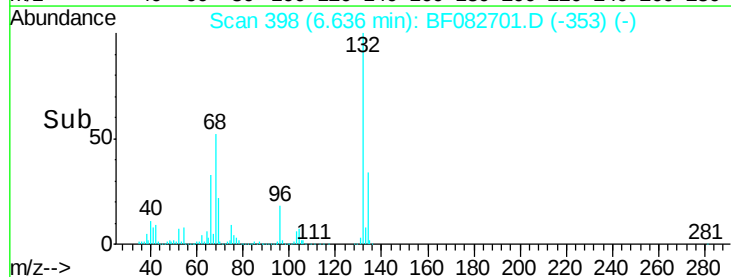
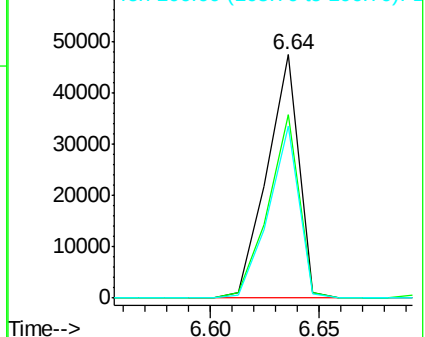
106 70.8 59.3 99.3

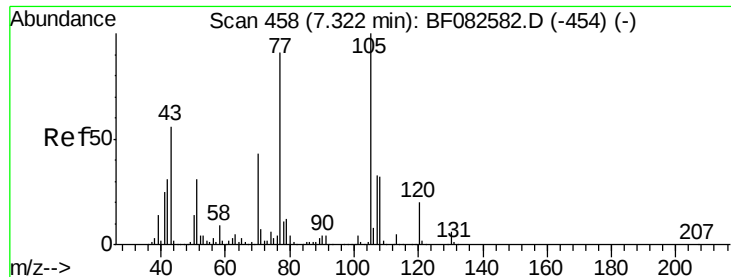


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

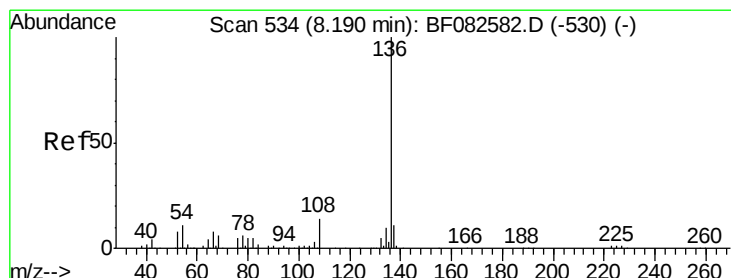
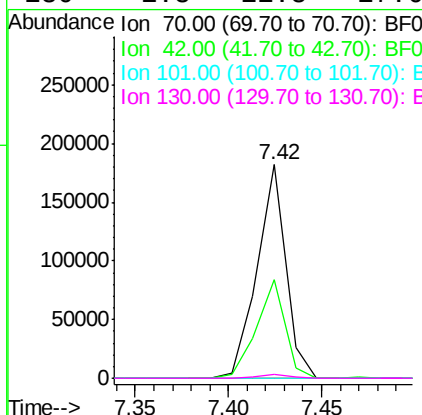
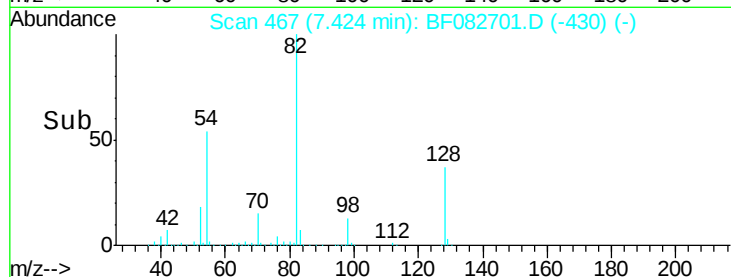
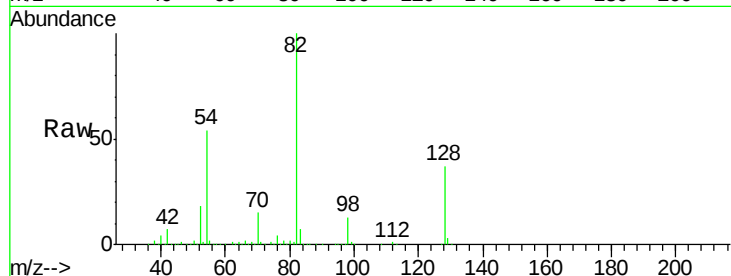




#19
n-Nitroso-di-n-propylamine
Concen: 13.92 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

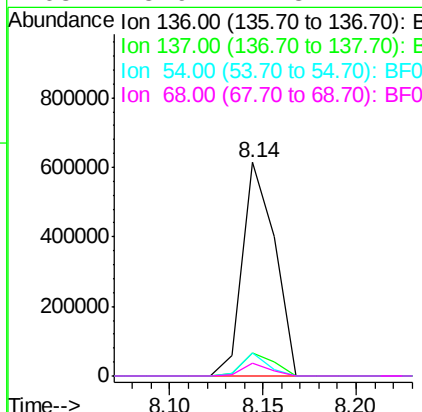
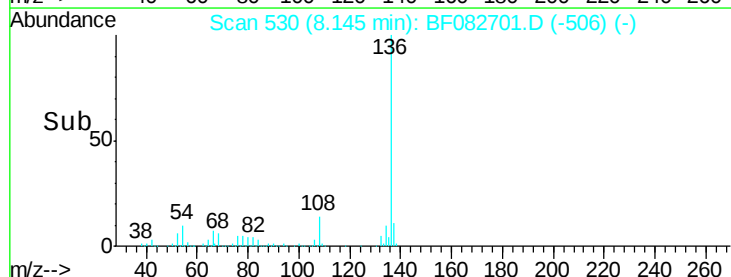
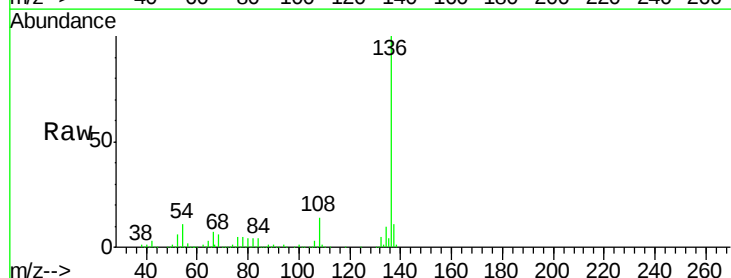
Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

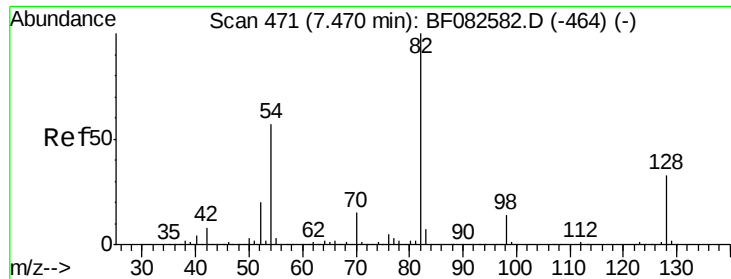
Tgt Ion: 70 Resp: 193354
Ion Ratio Lower Upper
70 100
42 46.3 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

Tgt Ion: 136 Resp: 737915
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.6 9.1 13.7
68 5.9 4.8 7.2

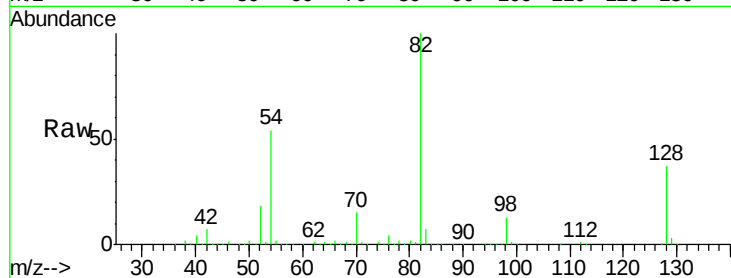




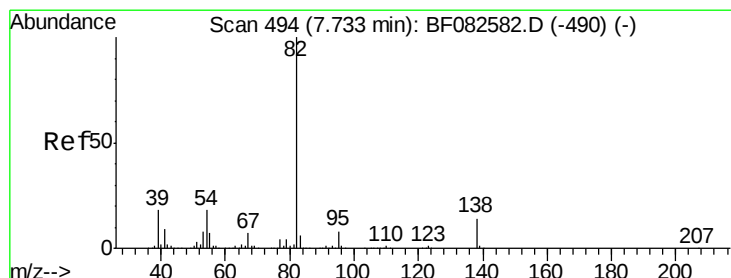
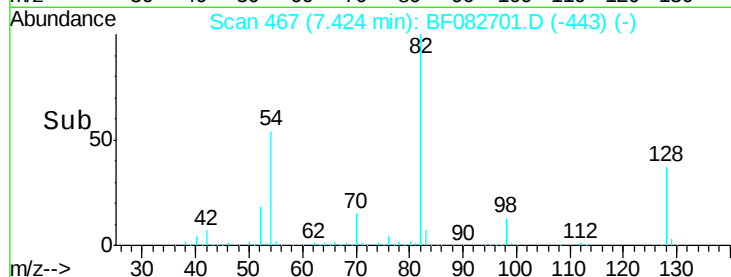
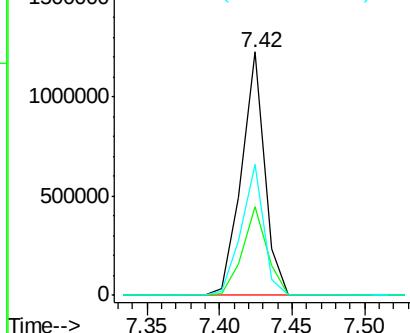
#23
Nitrobenzene-d5
Concen: 75.50 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

Tgt Ion: 82 Resp: 1364378
Ion Ratio Lower Upper
82 100
128 36.7 26.8 40.2
54 53.9 45.7 68.5

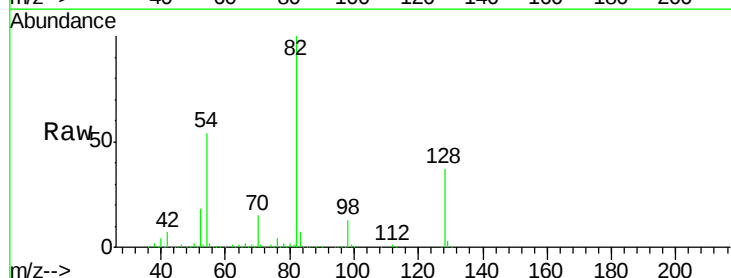


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

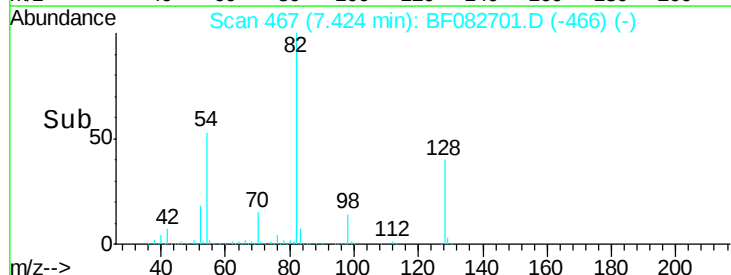
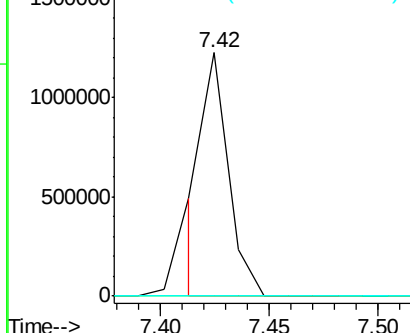


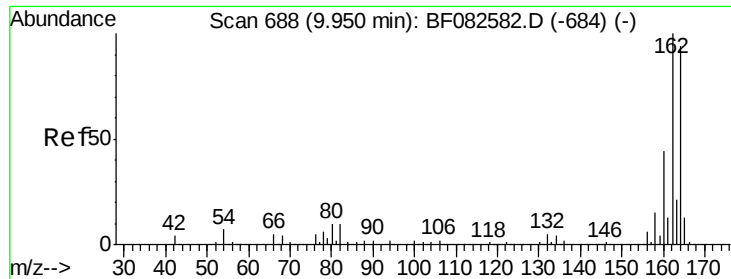
#25
Isophorone
Concen: 30.18 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.29 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

Tgt Ion: 82 Resp: 1003323
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)

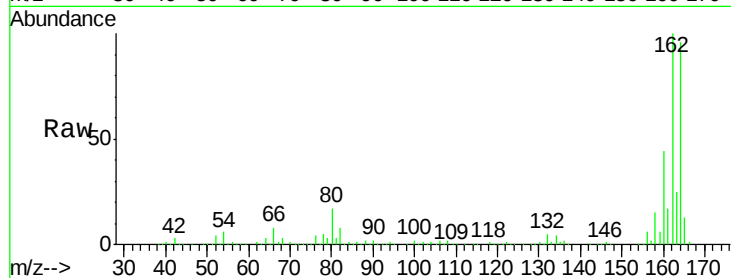
Tgt Ion:164 Resp: 449565

Ion Ratio Lower Upper

164 100

162 104.0 84.9 127.3

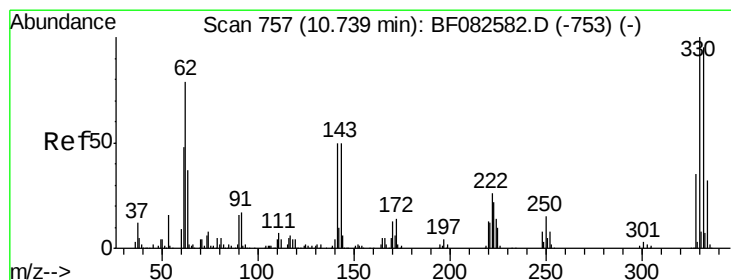
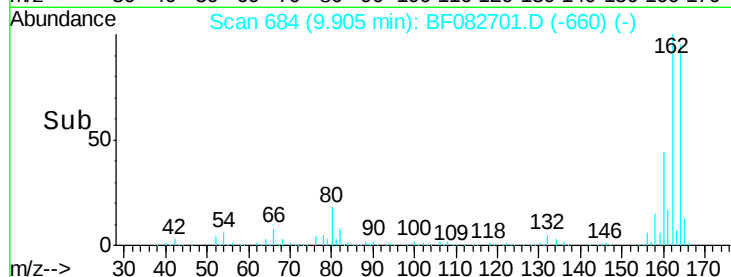
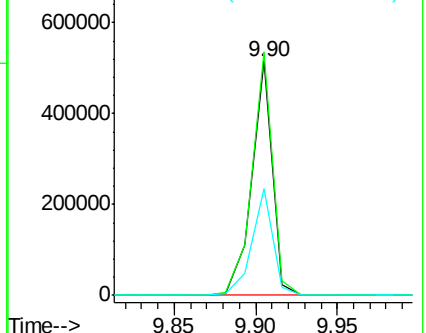
160 45.3 37.5 56.3



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: 127.38 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

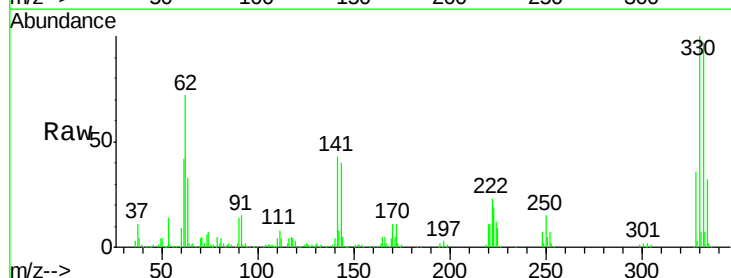
Tgt Ion:330 Resp: 626702

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

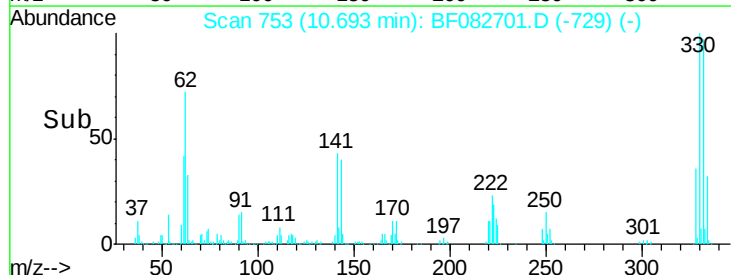
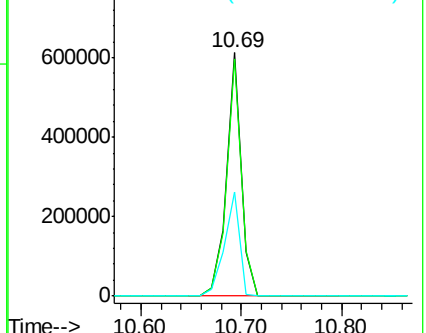
141 43.4 41.2 61.8

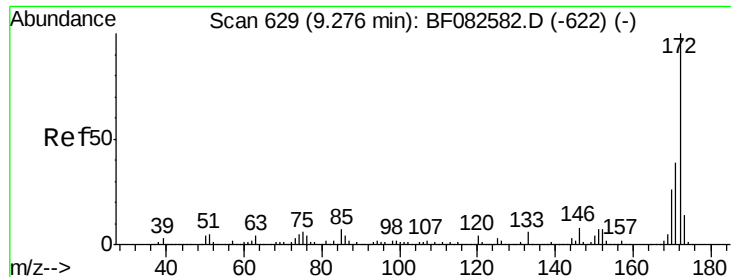


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

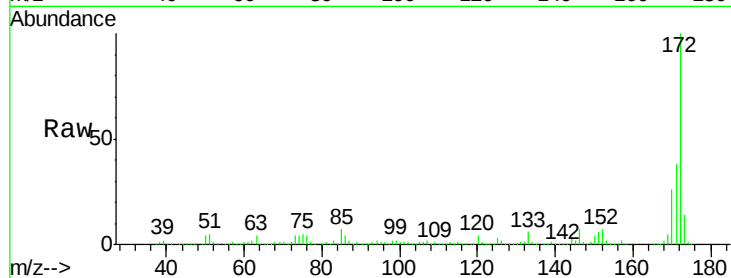




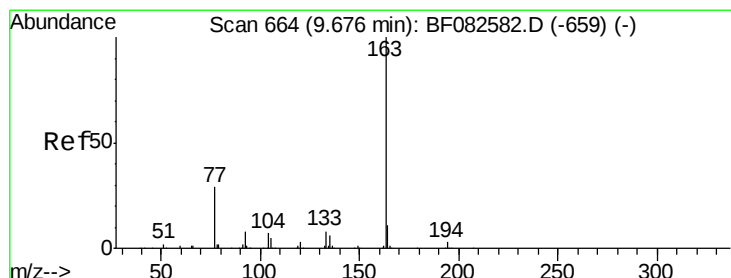
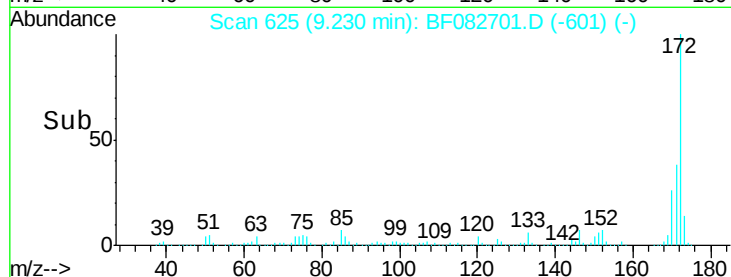
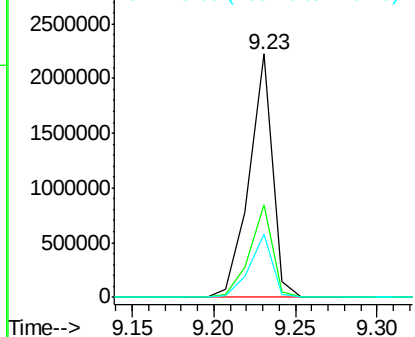
#44
 2-Fluorobiphenyl
 Concen: 69.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082701.D
 Acq: 4 Nov 2015 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)

Tgt Ion:172 Resp: 2202298
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 26.0 21.2 31.8

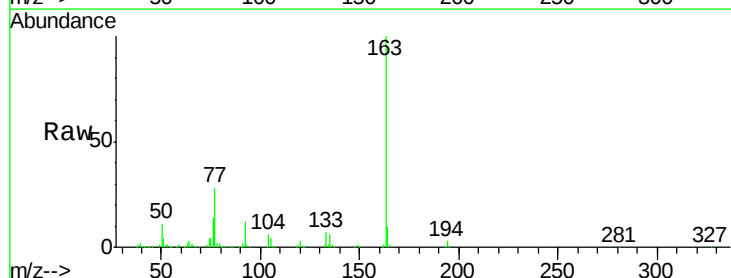


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

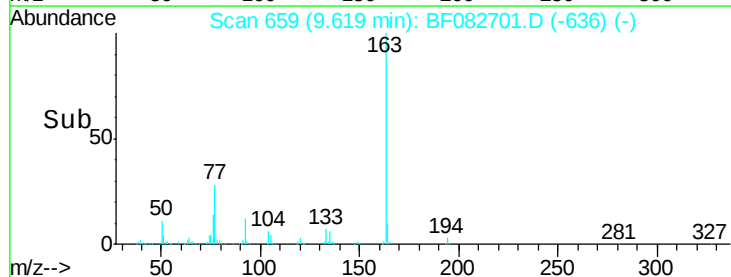
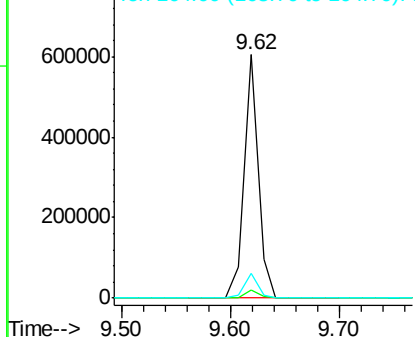


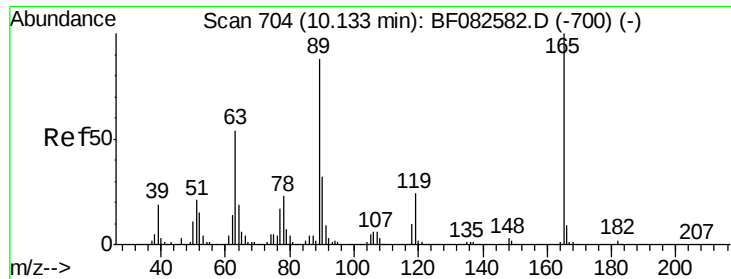
#49
 Dimethylphthalate
 Concen: 14.71 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082701.D
 Acq: 4 Nov 2015 15:19

Tgt Ion:163 Resp: 539959
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.1 8.7 13.1



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

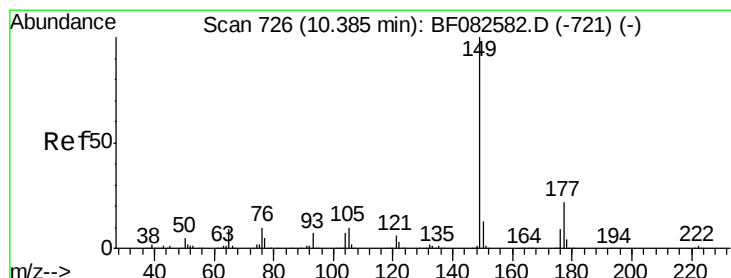
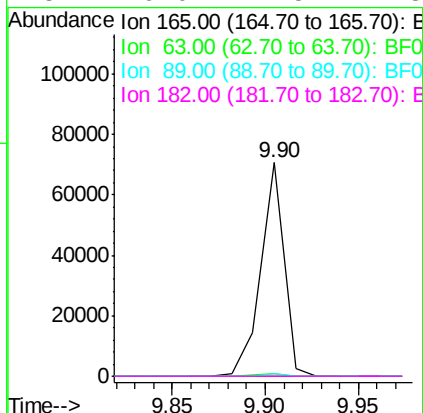
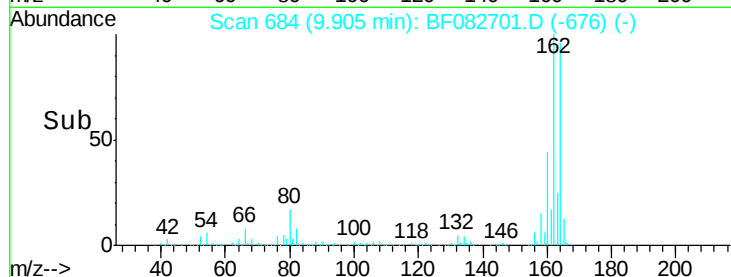
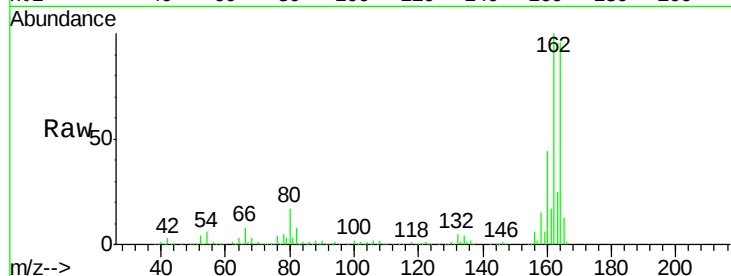




#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

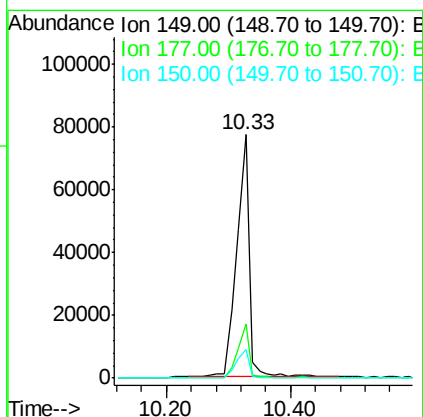
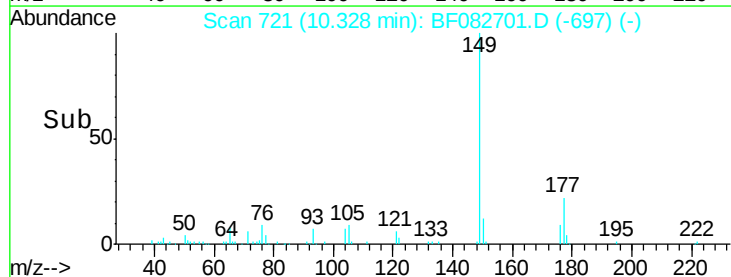
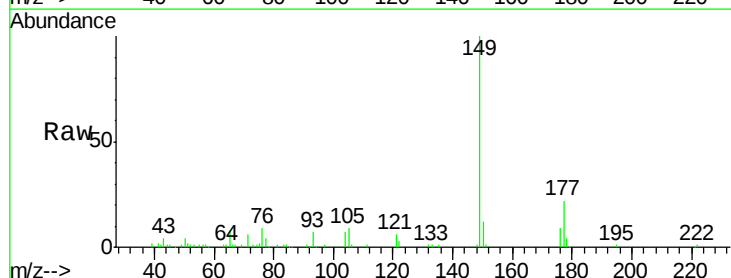
Instrument :
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SB-07(4-6)

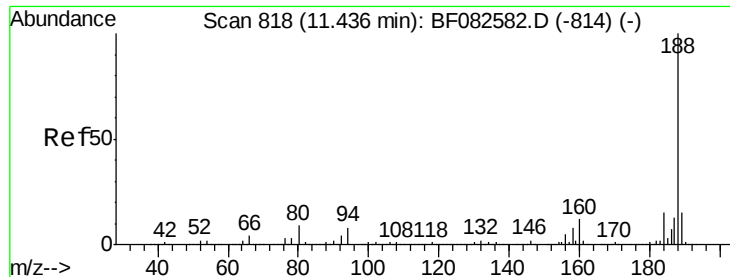
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#



#59
Diethylphthalate
Concen: 2.91 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	11.7	10.1	15.1

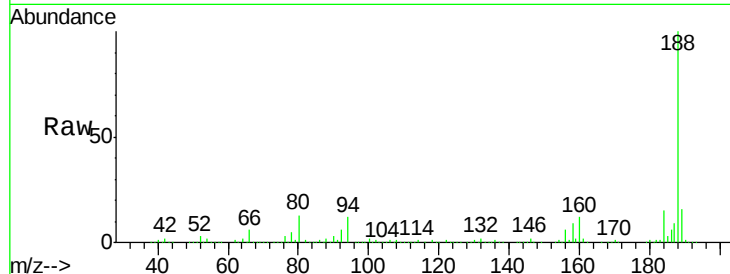




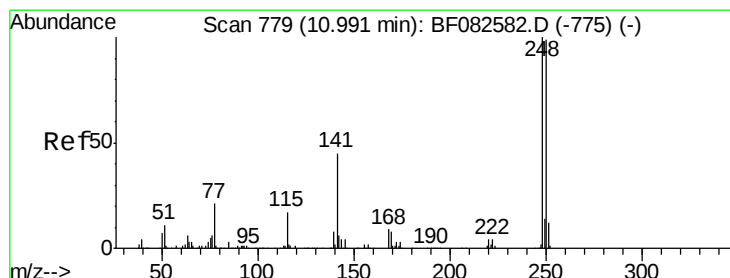
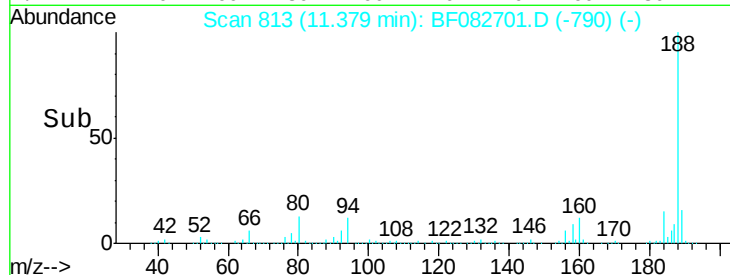
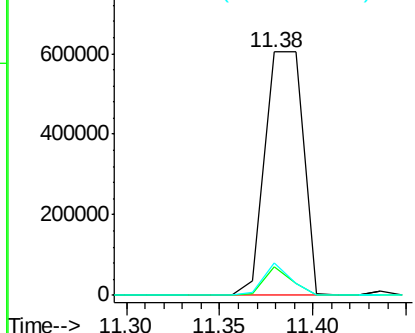
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082701.D
 Acq: 4 Nov 2015 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)

Tgt Ion:188 Resp: 856736
 Ion Ratio Lower Upper
 188 100
 94 11.5 6.1 9.1#
 80 13.5 7.0 10.6#

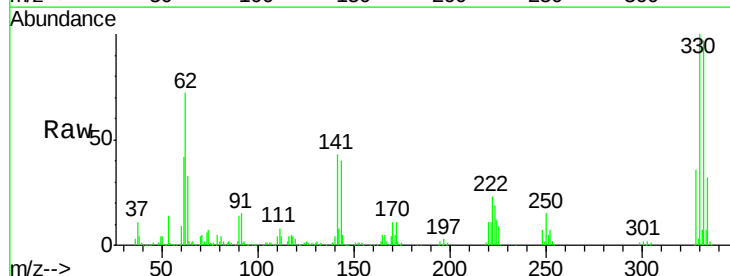


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

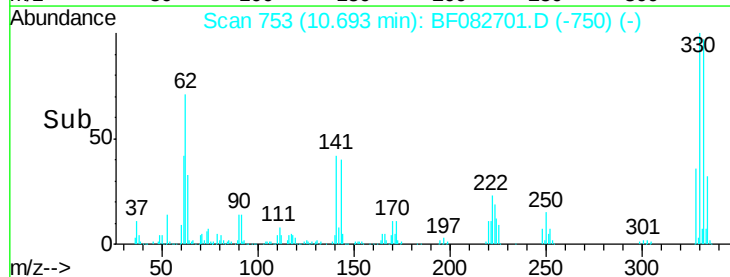
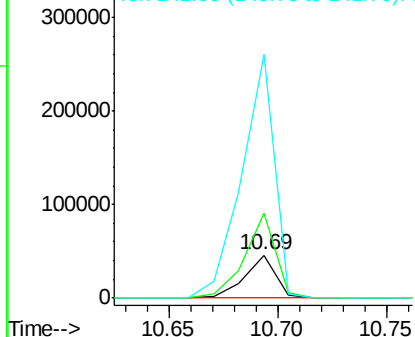


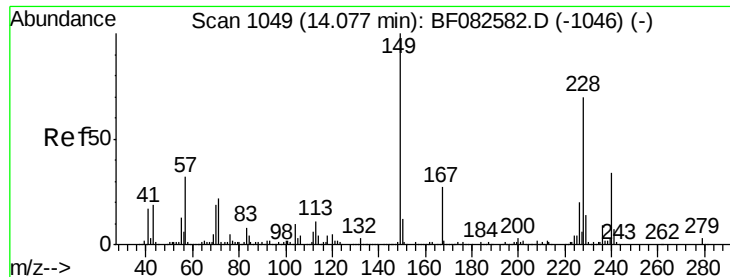
#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082701.D
 Acq: 4 Nov 2015 15:19

Tgt Ion:248 Resp: 45923
 Ion Ratio Lower Upper
 248 100
 250 199.7 79.4 119.2#
 141 570.7 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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

Instrument :

BNA_F

ClientSampleId :

SB-07(4-6)

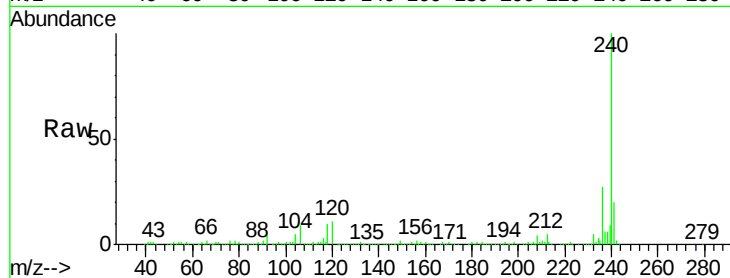
Tgt Ion:240 Resp: 767578

Ion Ratio Lower Upper

240 100

120 10.9 10.9 16.3

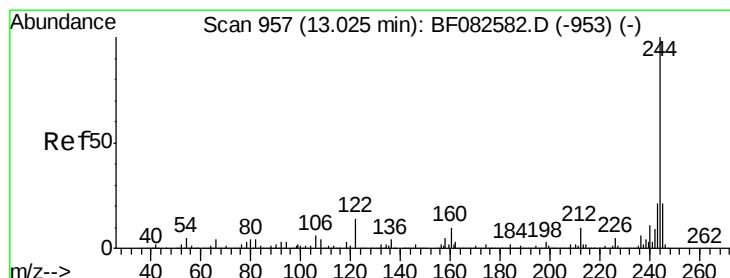
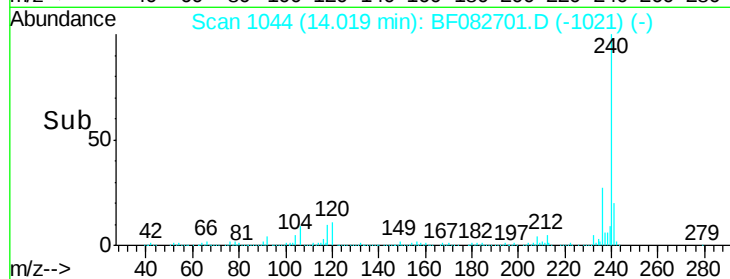
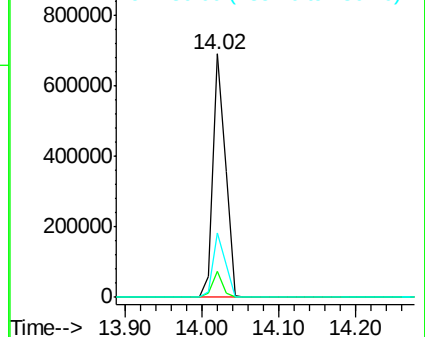
236 26.6 21.6 32.4



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: 66.62 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082701.D

Acq: 4 Nov 2015 15:19

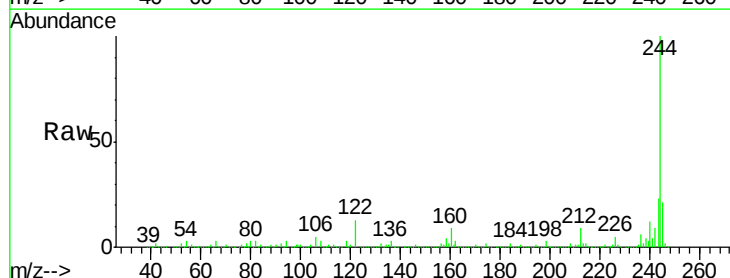
Tgt Ion:244 Resp: 2336647

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

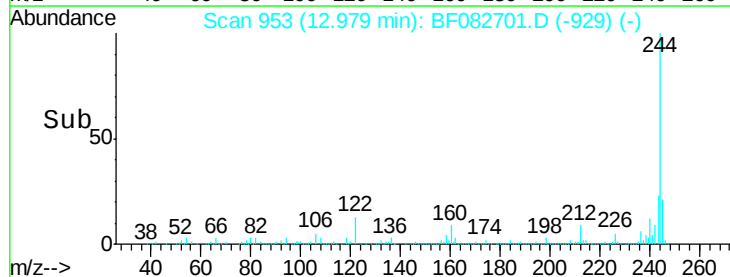
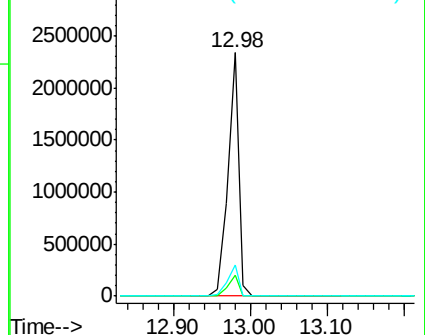
122 12.6 11.3 16.9

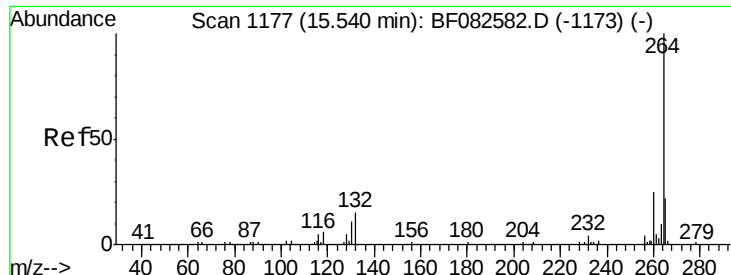


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

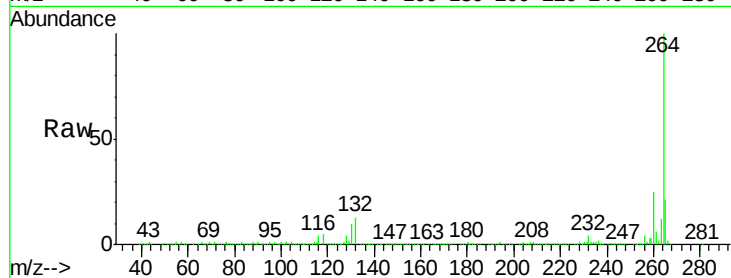




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF082701.D
Acq: 4 Nov 2015 15:19

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

Tgt Ion: 264 Resp: 639622
Ion Ratio Lower Upper
264 100
260 25.4 19.8 29.6
265 21.3 17.4 26.0



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

