

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082708.D
 Acq On : 4 Nov 2015 18:43
 Operator : UM/IZ
 Sample : G4240-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(18-20)

Quant Time: Nov 04 23:21:23 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

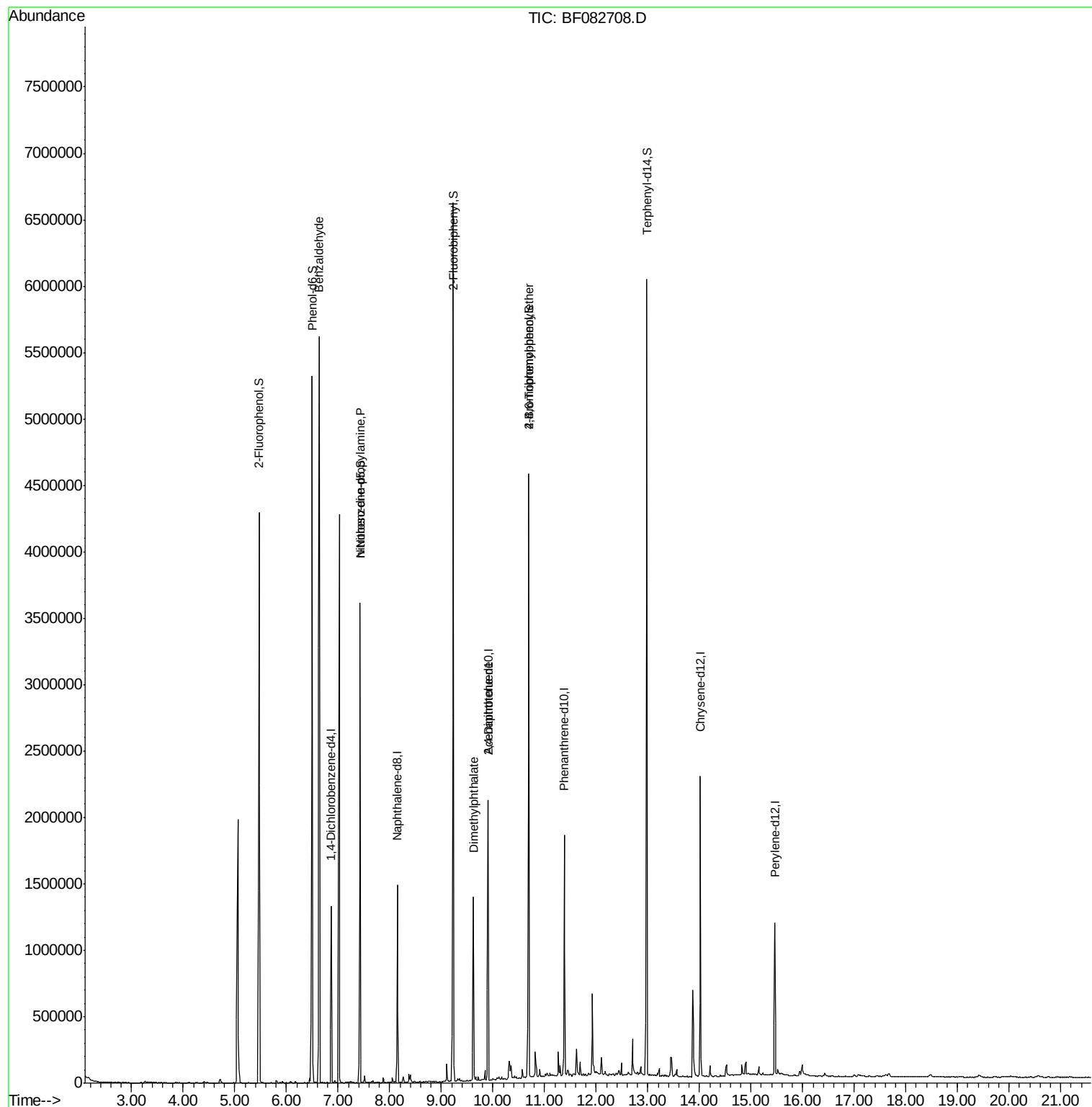
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	195835	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	698042	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	426378	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	781717	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	744058	20.00	ng	-0.03
86) Perylene-d12	15.46	264	528649	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1503924	115.66	ng	0.00
7) Phenol-d6	6.50	99	1913390	110.77	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1296278	75.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	586880	125.77	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2070787	68.96	ng	-0.02
78) Terphenyl-d14	12.98	244	2260107	66.48	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	48663	4.13	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	185198	14.14	ng	# 71
49) Dimethylphthalate	9.62	163	486392	13.97	ng	99
56) 2,4-Dinitrotoluene	9.90	165	55539	5.69	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	43676	4.93	ng	# 1

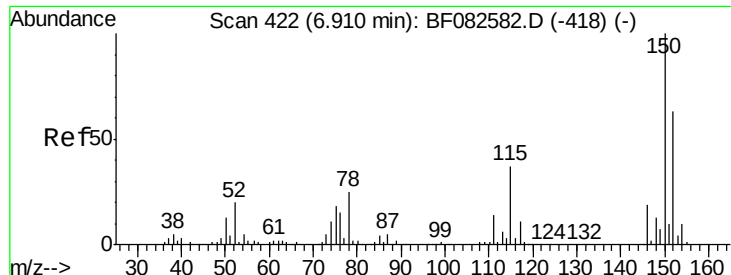
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082708.D

Acq: 4 Nov 2015 18:43

Instrument :

BNA_F

ClientSampleId :

SB-01(18-20)

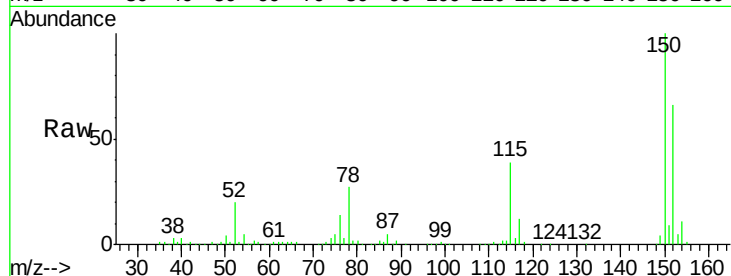
Tgt Ion:152 Resp: 195835

Ion Ratio Lower Upper

152 100

150 150.8 127.0 190.4

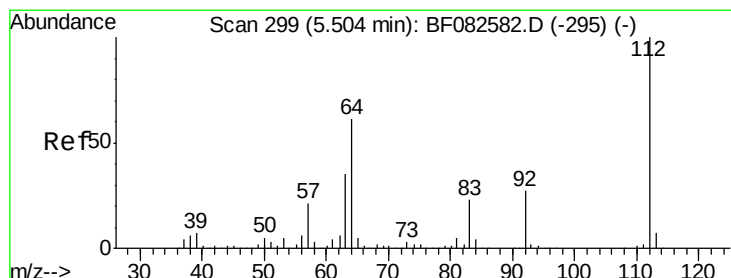
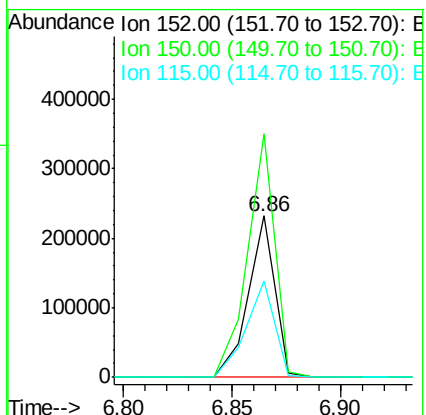
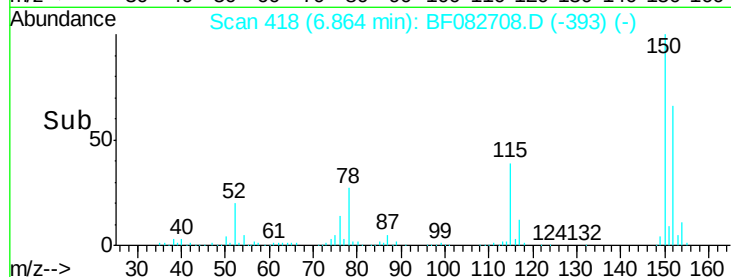
115 59.4 47.0 70.6



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: 115.66 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

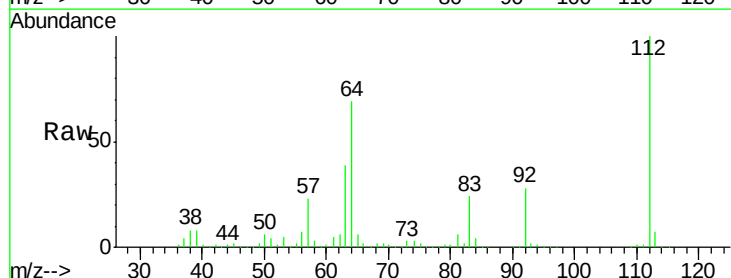
Tgt Ion:112 Resp: 1503924

Ion Ratio Lower Upper

112 100

64 69.3 48.9 73.3

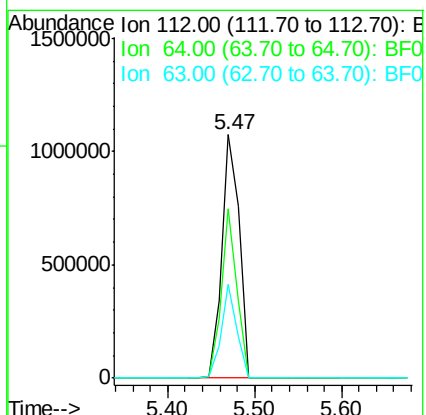
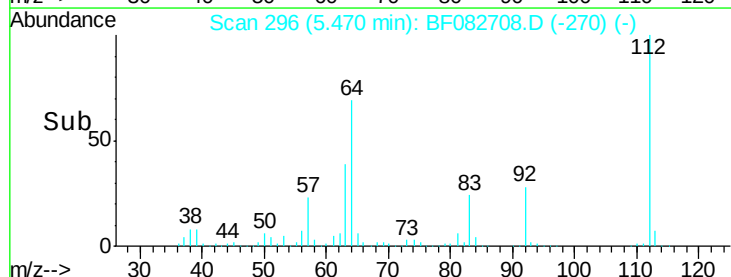
63 38.8 28.1 42.1

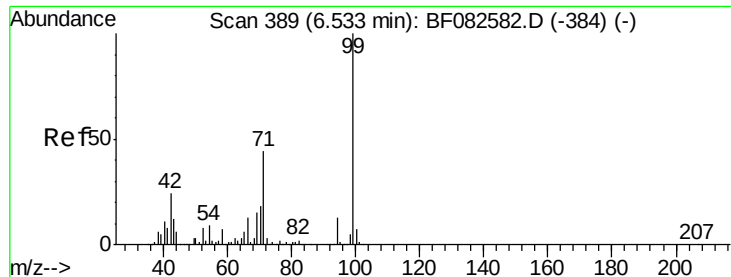


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.77 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

Instrument :

BNA_F

ClientSampleId :

SB-01(18-20)

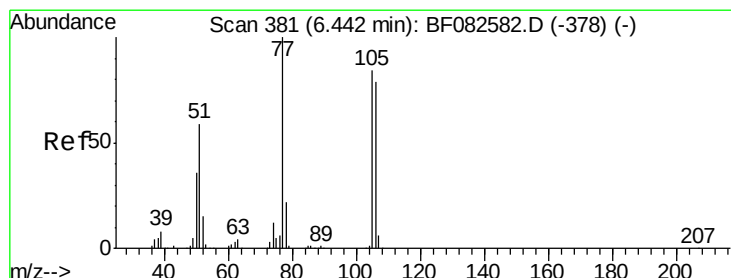
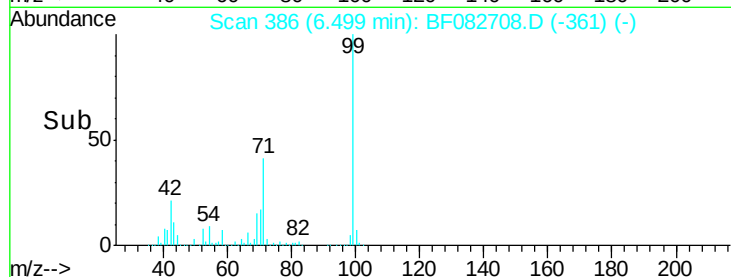
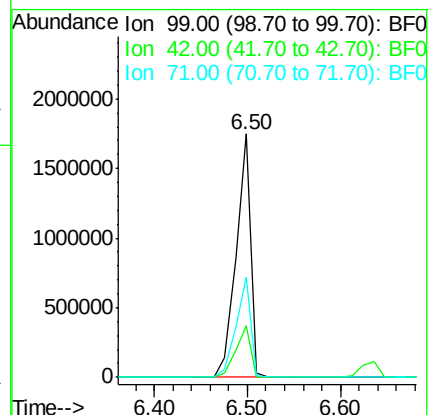
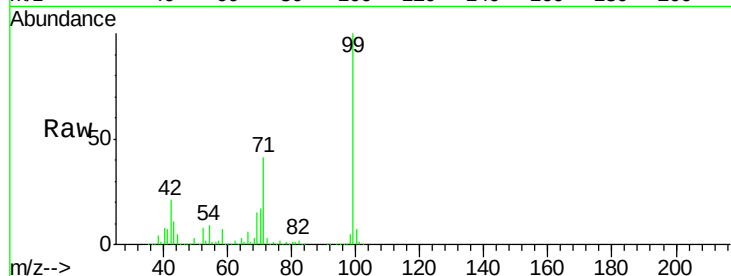
Tgt Ion: 99 Resp: 1913390

Ion Ratio Lower Upper

99 100

42 21.3 19.2 28.8

71 41.0 35.0 52.4



#9

Benzaldehyde

Concen: 4.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

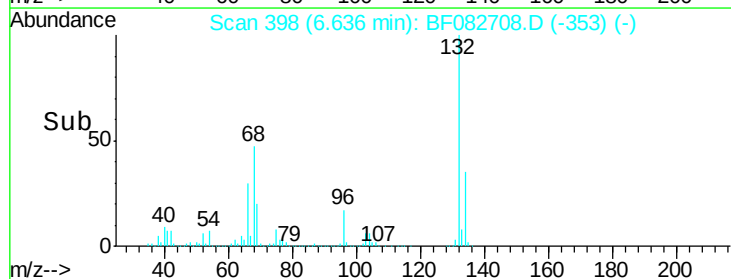
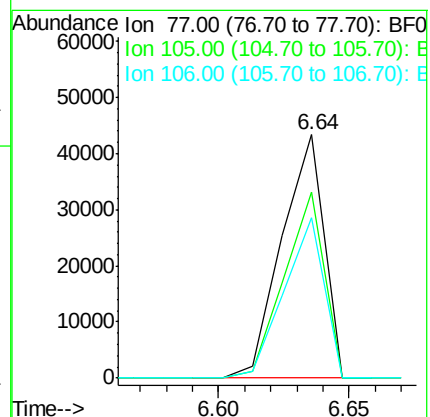
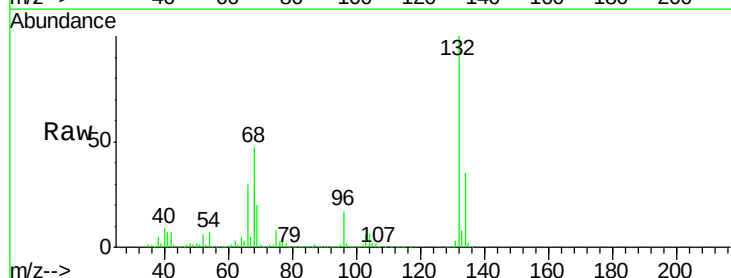
Tgt Ion: 77 Resp: 48663

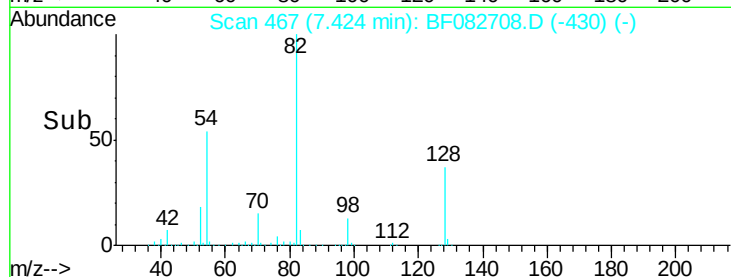
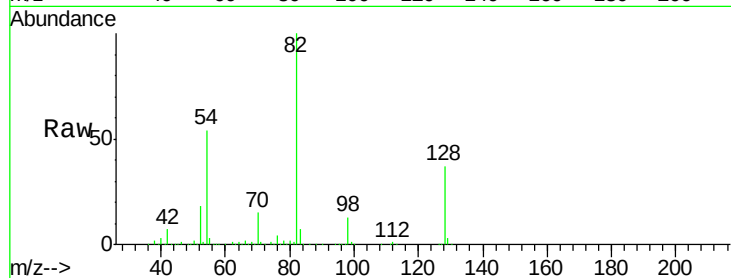
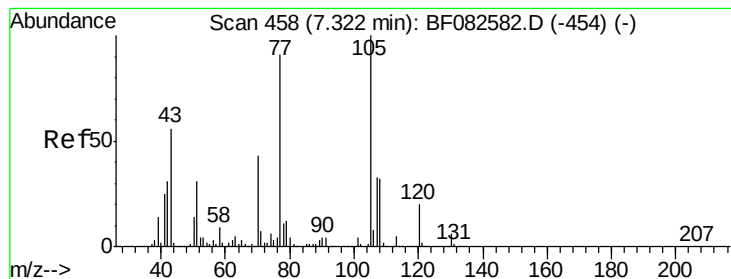
Ion Ratio Lower Upper

77 100

105 76.5 63.5 103.5

106 66.0 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.14 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

Instrument :

BNA_F

ClientSampleId :

SB-01(18-20)

Tgt Ion: 70 Resp: 185198

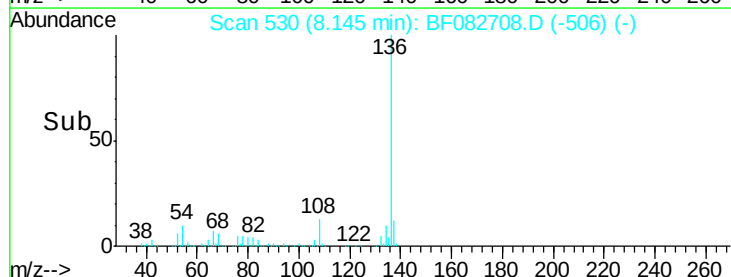
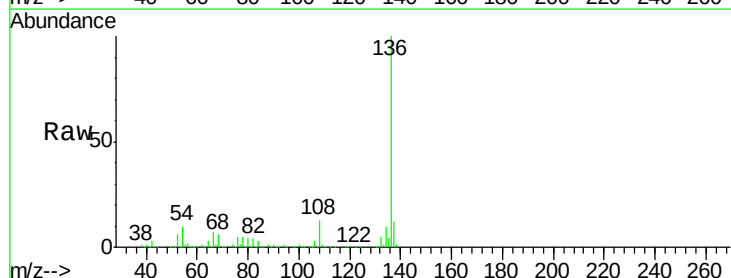
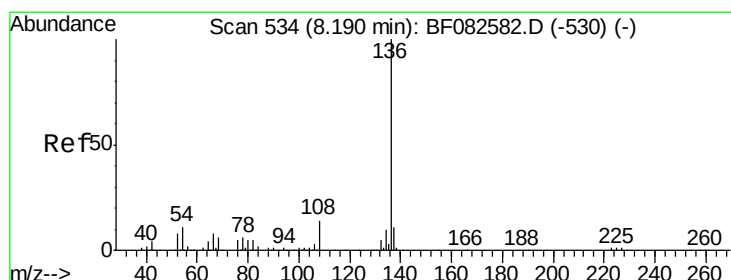
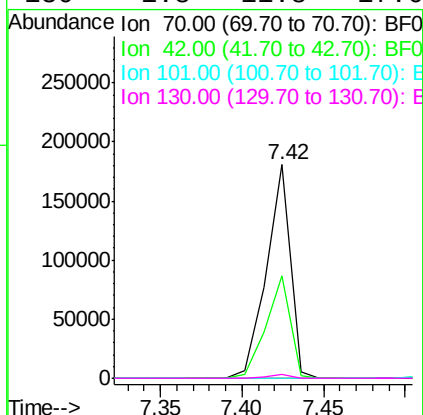
Ion Ratio Lower Upper

70 100

42 47.7 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: BF082708.D

Acq: 4 Nov 2015 18:43

Tgt Ion: 136 Resp: 698042

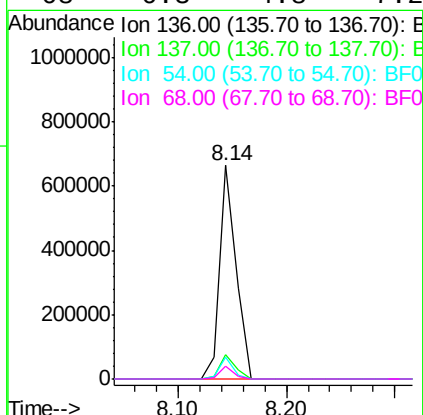
Ion Ratio Lower Upper

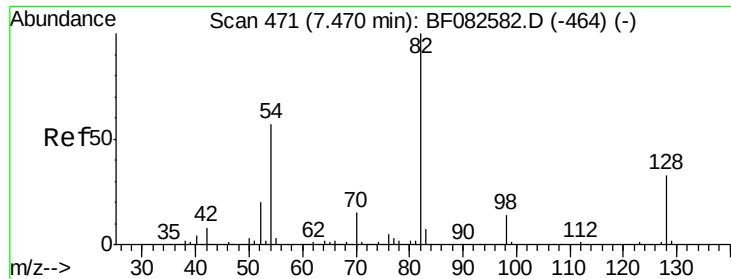
136 100

137 11.6 9.1 13.7

54 10.2 9.1 13.7

68 6.3 4.8 7.2

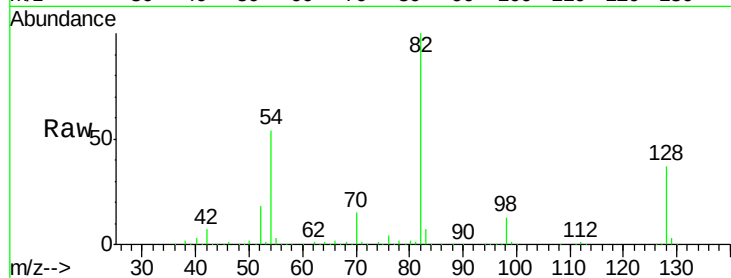




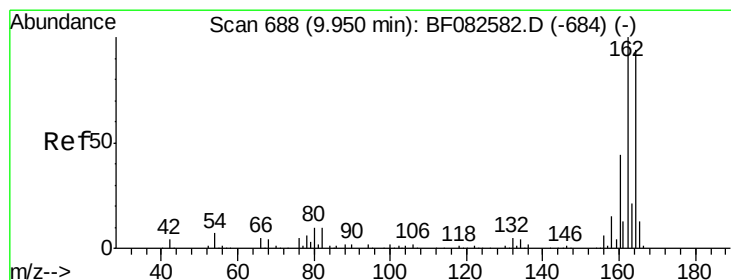
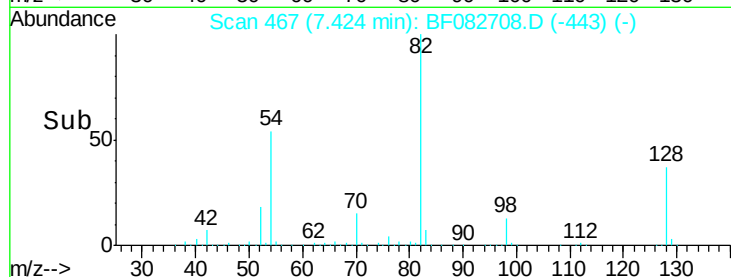
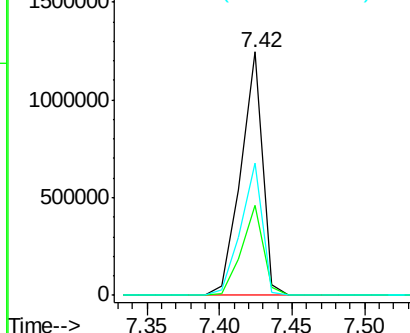
#23
 Nitrobenzene-d5
 Concen: 75.83 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(18-20)

Tgt Ion: 82 Resp: 1296278
 Ion Ratio Lower Upper
 82 100
 128 37.2 26.8 40.2
 54 54.2 45.7 68.5

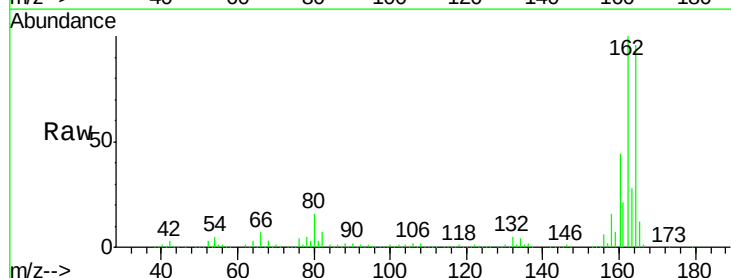


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

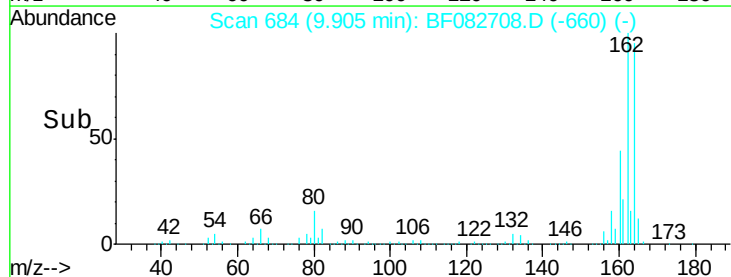
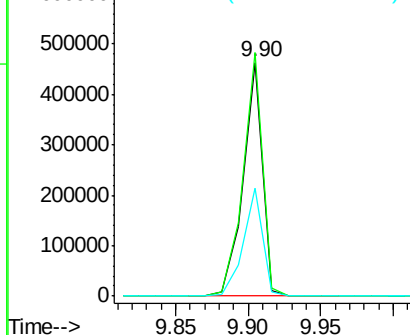


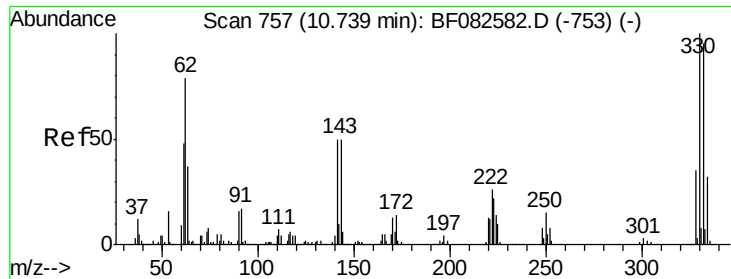
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

Tgt Ion: 164 Resp: 426378
 Ion Ratio Lower Upper
 164 100
 162 104.1 84.9 127.3
 160 45.9 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

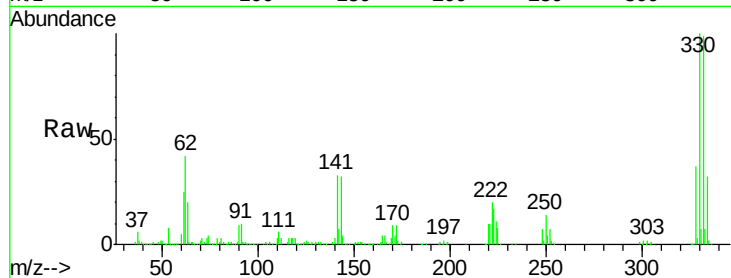




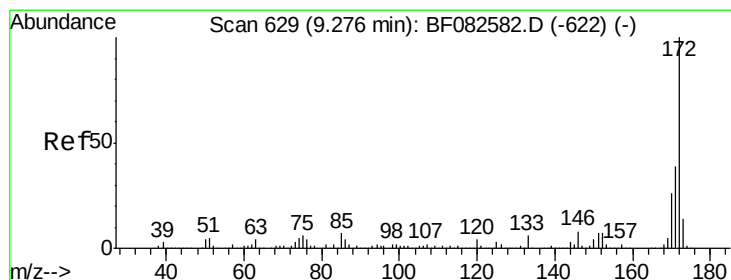
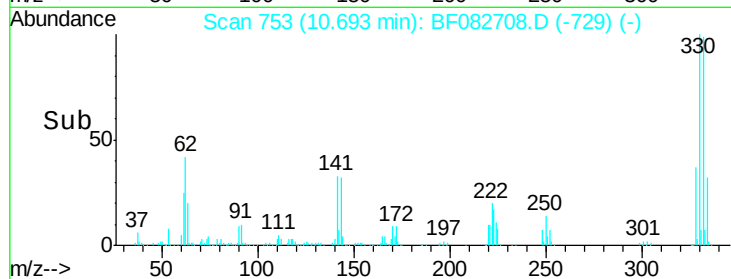
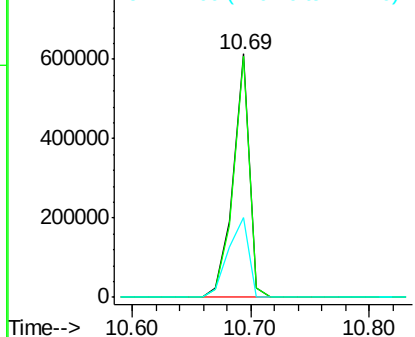
#41
 2,4,6-Tribromophenol
 Concen: 125.77 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(18-20)

Tgt Ion:330 Resp: 586880
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 41.5 41.2 61.8

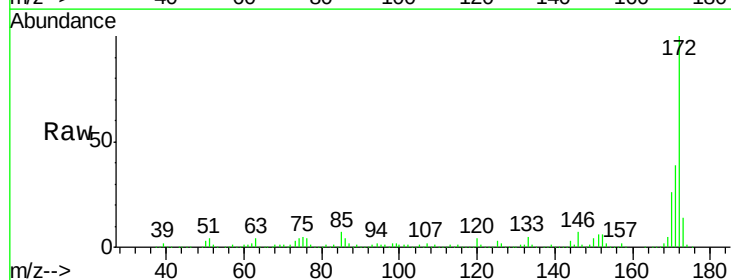


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

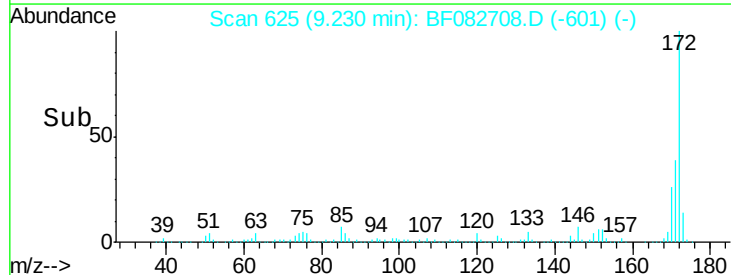
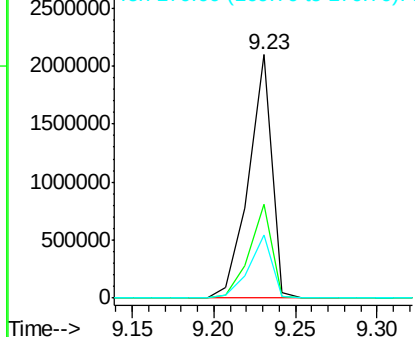


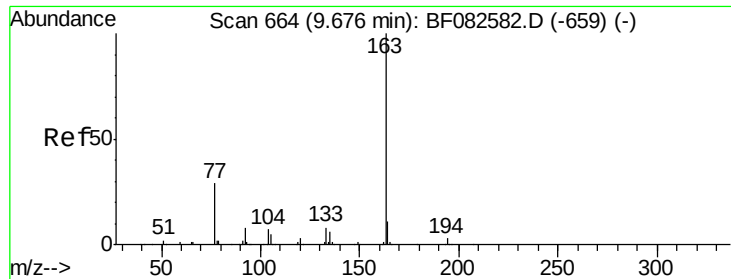
#44
 2-Fluorobiphenyl
 Concen: 68.96 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

Tgt Ion:172 Resp: 2070787
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 26.1 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

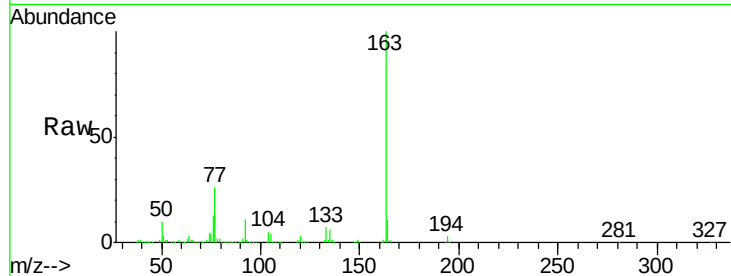




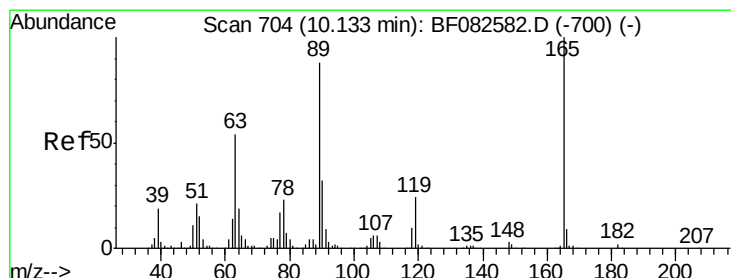
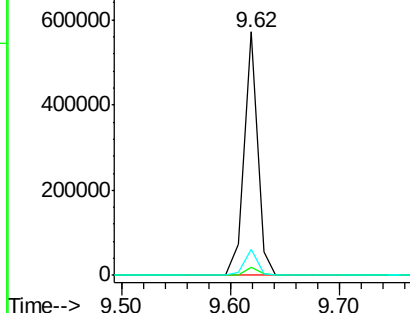
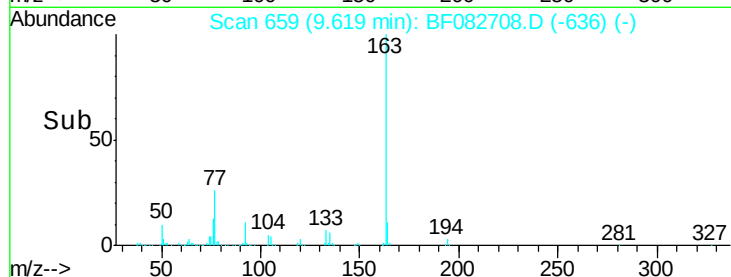
#49
Dimethylphthalate
Concen: 13.97 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082708.D
Acq: 4 Nov 2015 18:43

Instrument :
BNA_F
ClientSampleId :
SB-01(18-20)

Tgt Ion:163 Resp: 486392
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.7 13.1

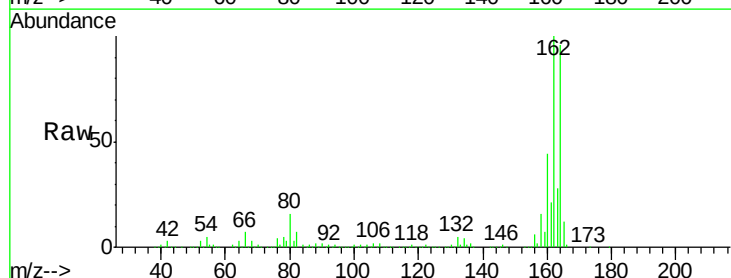


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

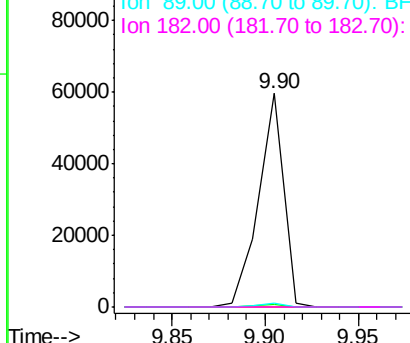
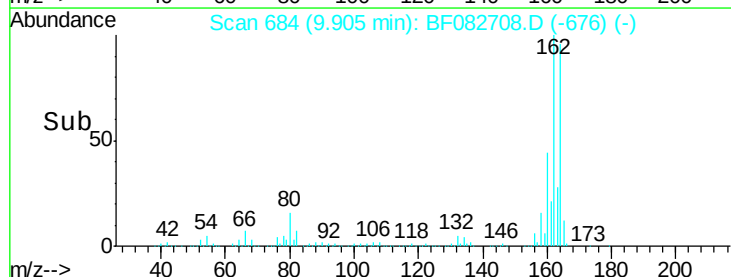


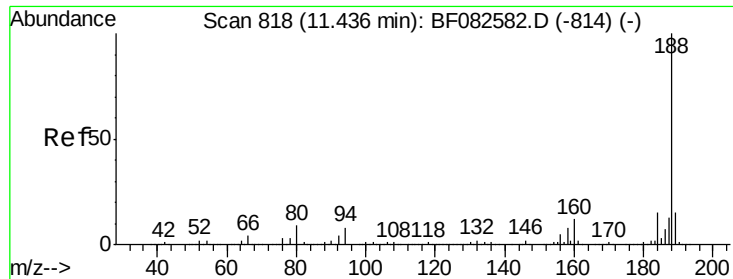
#56
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082708.D
Acq: 4 Nov 2015 18:43

Tgt Ion:165 Resp: 55539
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.8 70.6 106.0#
182 0.0 1.5 2.3#



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

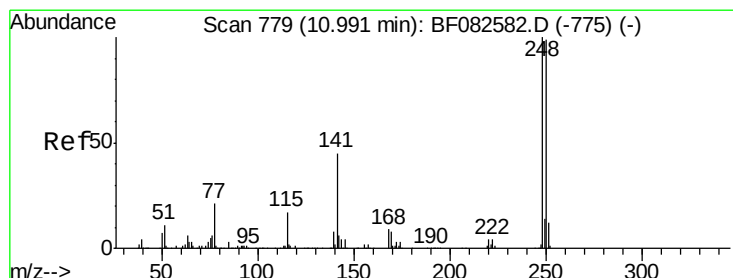
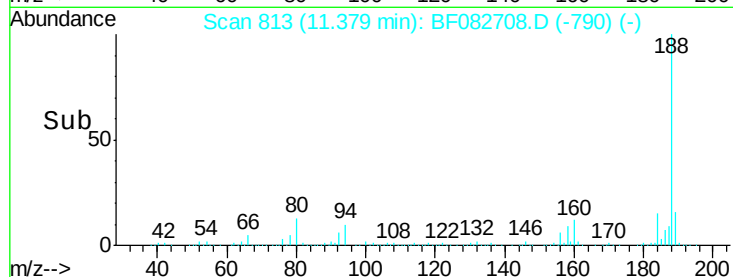
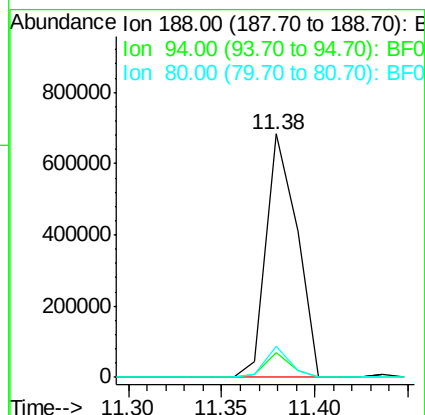
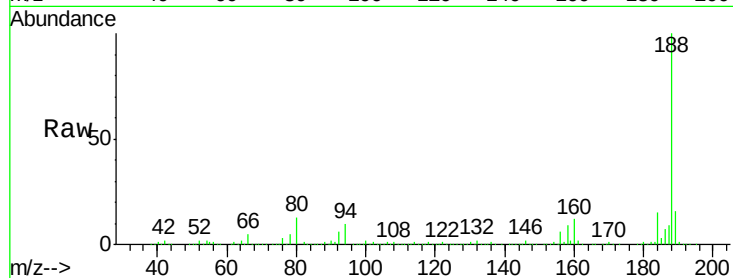




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

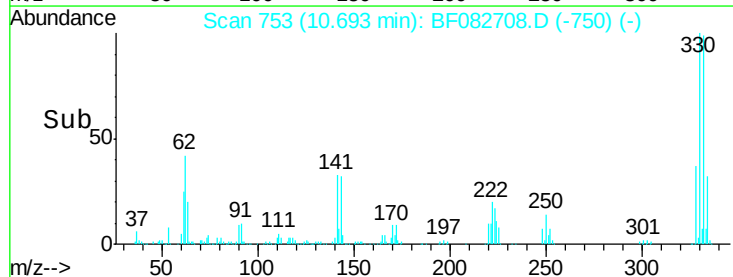
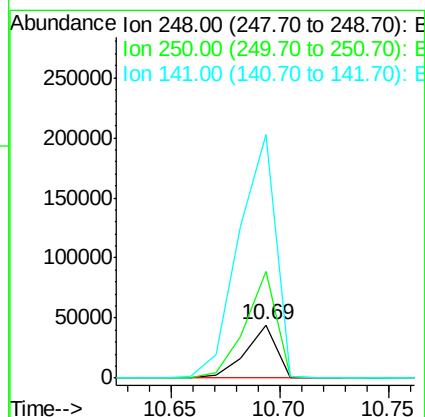
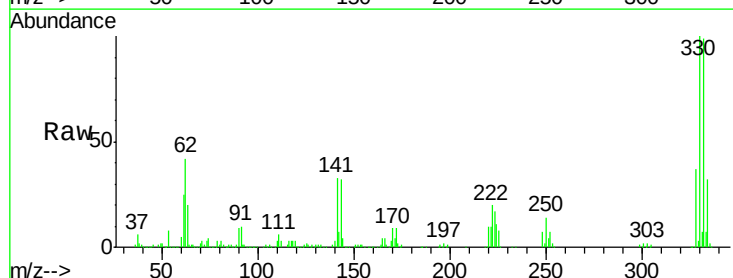
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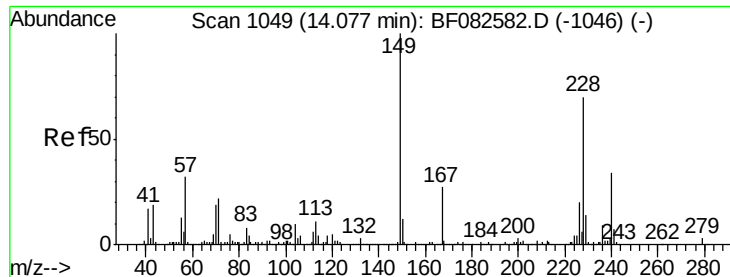
Tgt Ion:188 Resp: 781717
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.1 9.1#
 80 12.8 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082708.D
 Acq: 4 Nov 2015 18:43

Tgt Ion:248 Resp: 43676
 Ion Ratio Lower Upper
 248 100
 250 199.4 79.4 119.2#
 141 457.3 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

Instrument :

BNA_F

ClientSampleId :

SB-01(18-20)

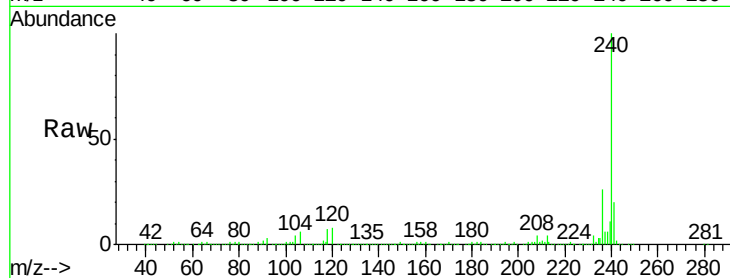
Tgt Ion:240 Resp: 744058

Ion Ratio Lower Upper

240 100

120 8.1 10.9 16.3#

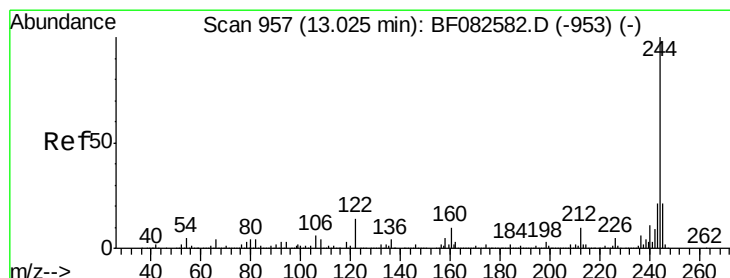
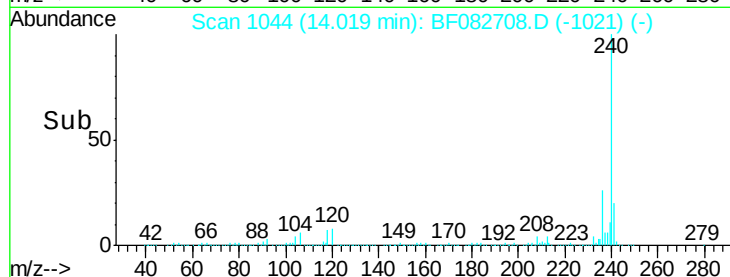
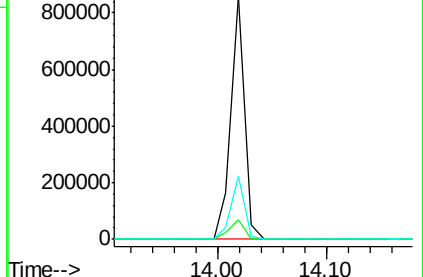
236 25.9 21.6 32.4



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: 66.48 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082708.D

Acq: 4 Nov 2015 18:43

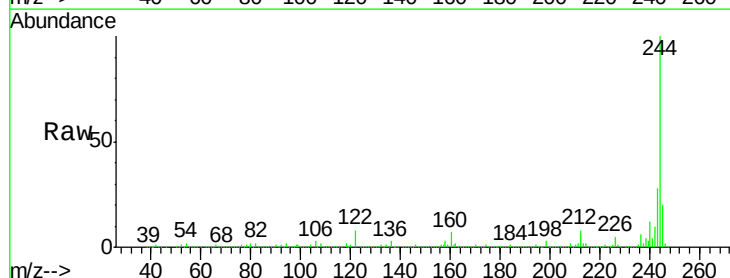
Tgt Ion:244 Resp: 2260107

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

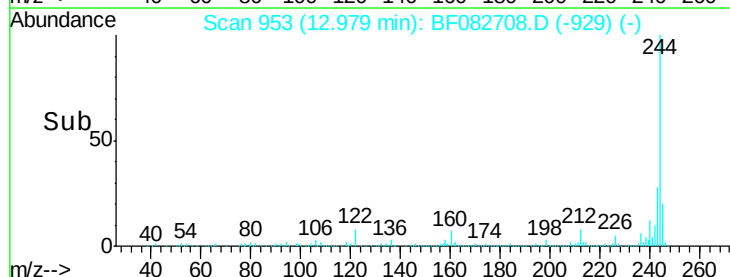
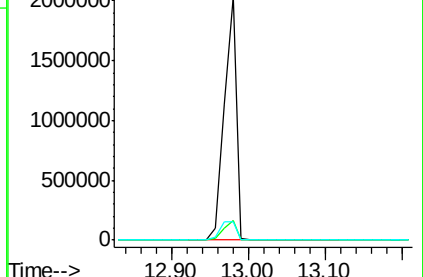
122 7.7 11.3 16.9#

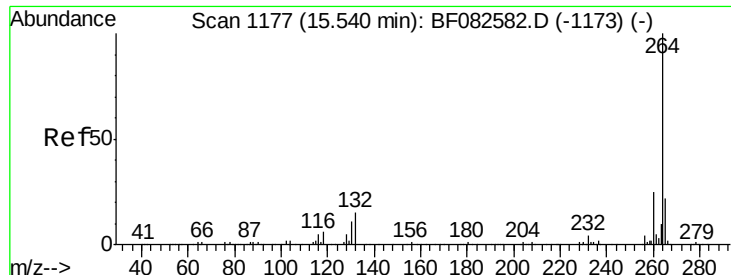


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

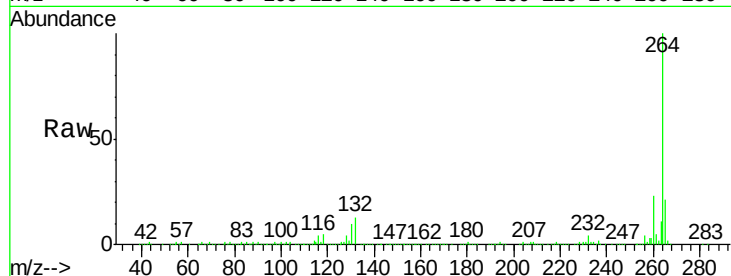




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082708.D
Acq: 4 Nov 2015 18:43

Instrument :
BNA_F
ClientSampleId :
SB-01(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	21.4	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

