

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082709.D
 Acq On : 4 Nov 2015 19:13
 Operator : UM/IZ
 Sample : G4241-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17(6)

Quant Time: Nov 04 23:21:42 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

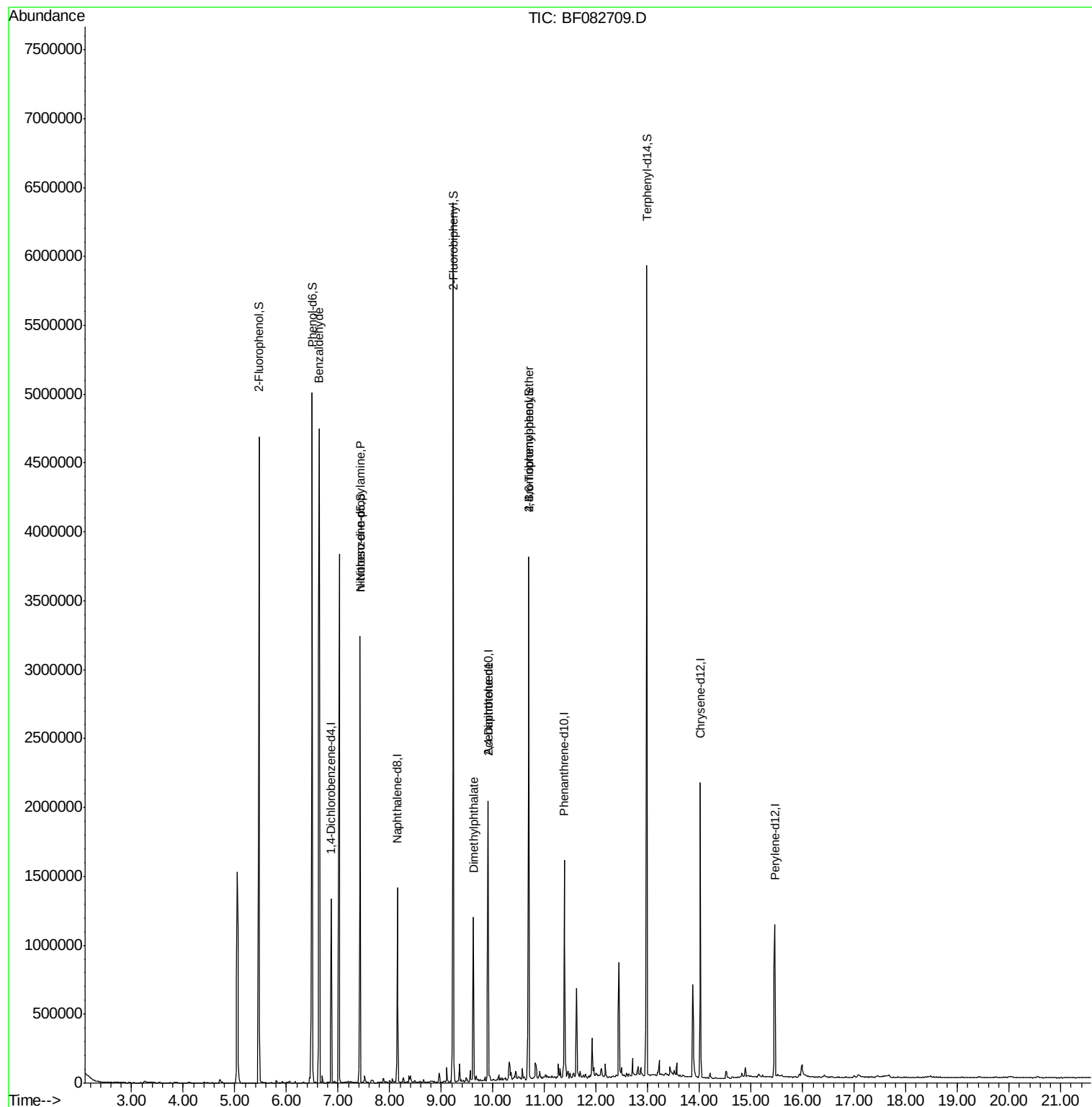
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	193464	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	674907	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	404130	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	710818	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	713279	20.00	ng	-0.03
86) Perylene-d12	15.46	264	571305	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1212988	94.43	ng	0.00
7) Phenol-d6	6.50	99	1858596	108.92	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1155474	69.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	537965	121.63	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1919216	67.43	ng	-0.02
78) Terphenyl-d14	12.98	244	2224421	68.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	42004	3.61	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.42	70	162334	12.55	ng	# 70
49) Dimethylphthalate	9.62	163	418218	12.67	ng	99
56) 2,4-Dinitrotoluene	9.90	165	53278	5.76	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	40284	5.00	ng	# 1

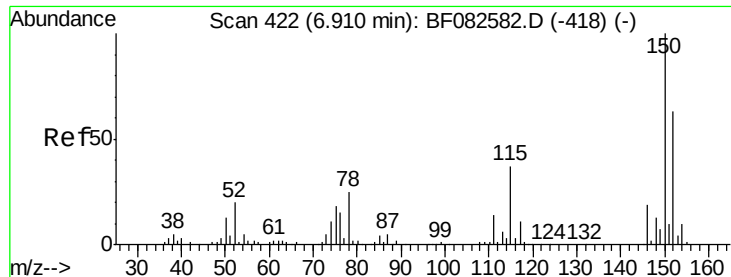
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082709.D

Acq: 4 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

TP-17(6)

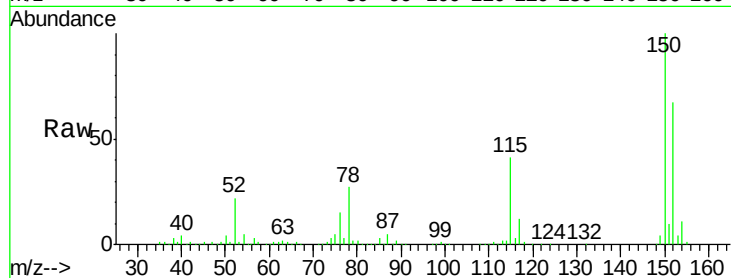
Tgt Ion:152 Resp: 193464

Ion Ratio Lower Upper

152 100

150 149.5 127.0 190.4

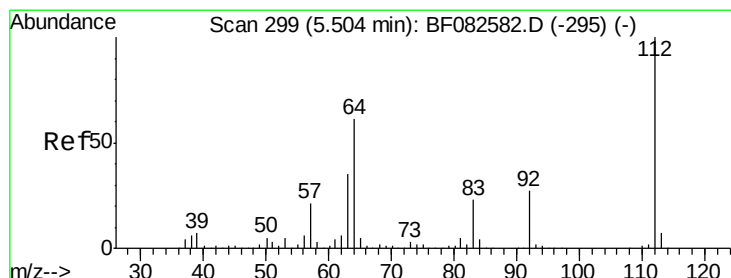
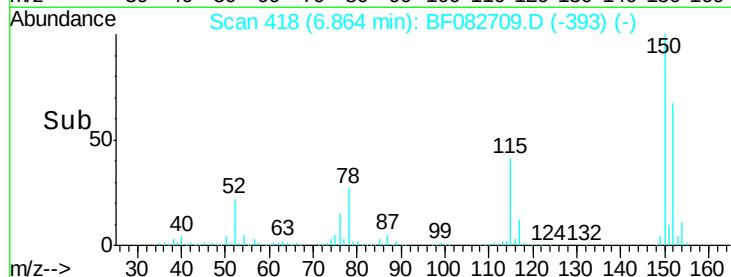
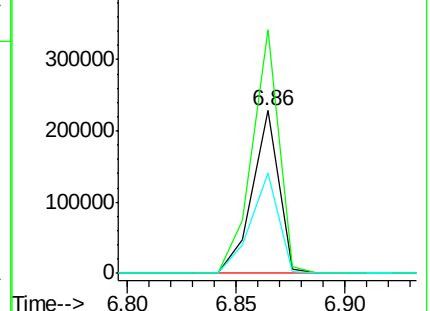
115 61.5 47.0 70.6



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: 94.43 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082709.D

Acq: 4 Nov 2015 19:13

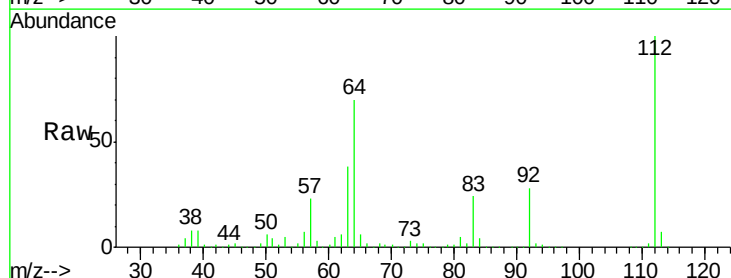
Tgt Ion:112 Resp: 1212988

Ion Ratio Lower Upper

112 100

64 69.6 48.9 73.3

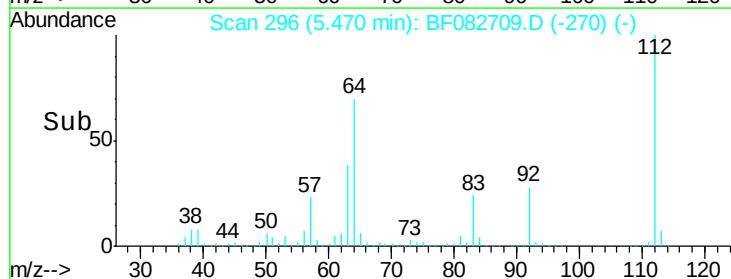
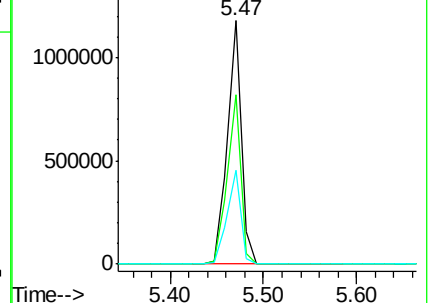
63 38.4 28.1 42.1

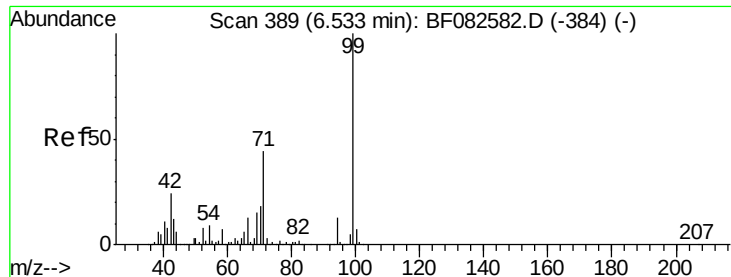


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.92 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082709.D

Acq: 4 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

TP-17(6)

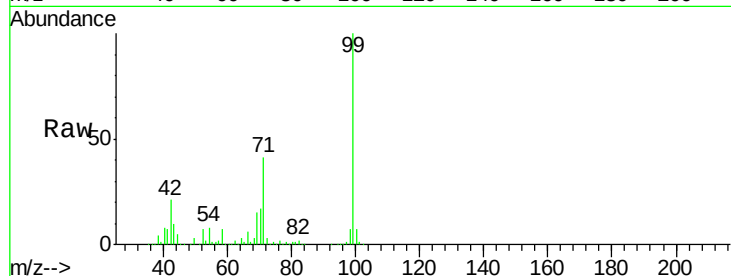
Tgt Ion: 99 Resp: 1858596

Ion Ratio Lower Upper

99 100

42 20.8 19.2 28.8

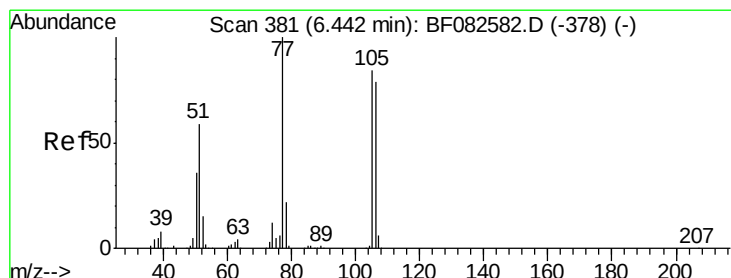
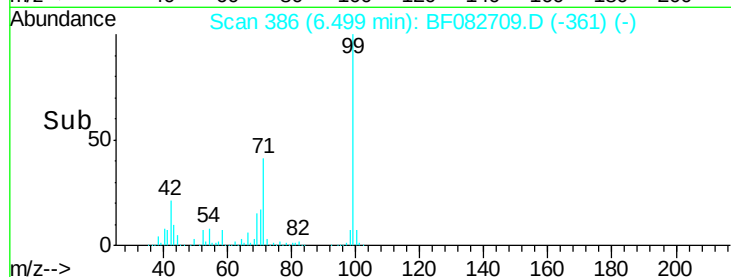
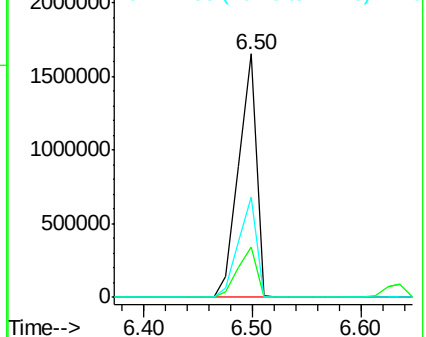
71 41.2 35.0 52.4



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: 3.61 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082709.D

Acq: 4 Nov 2015 19:13

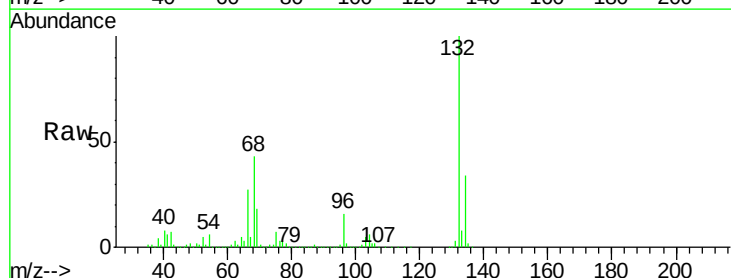
Tgt Ion: 77 Resp: 42004

Ion Ratio Lower Upper

77 100

105 78.3 63.5 103.5

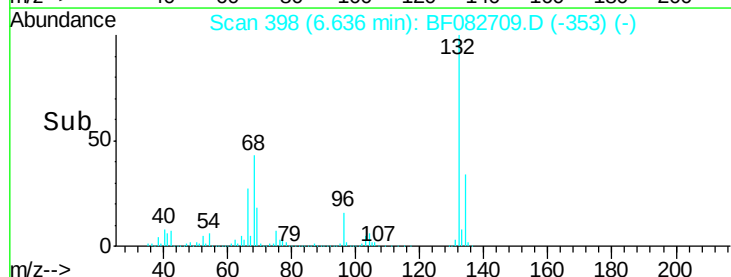
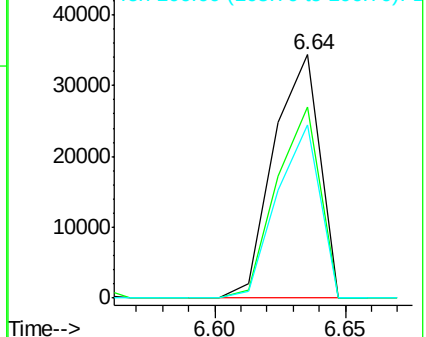
106 71.2 59.3 99.3

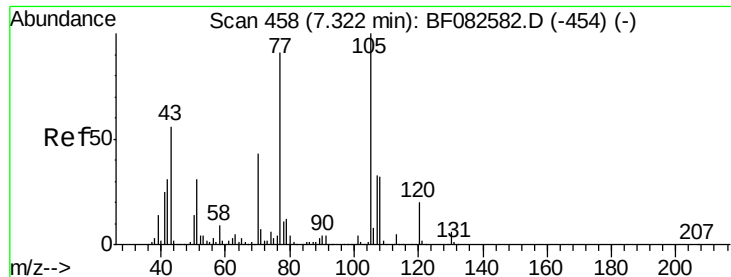


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

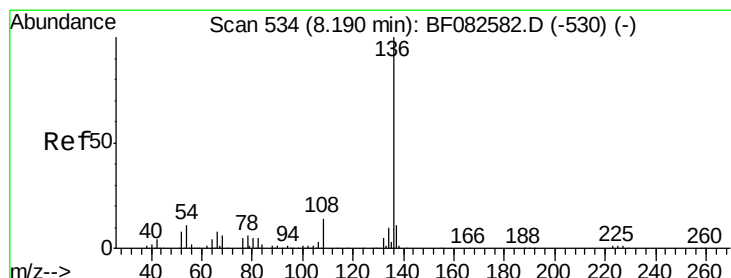
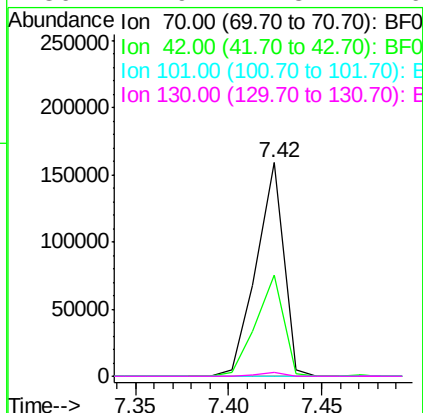
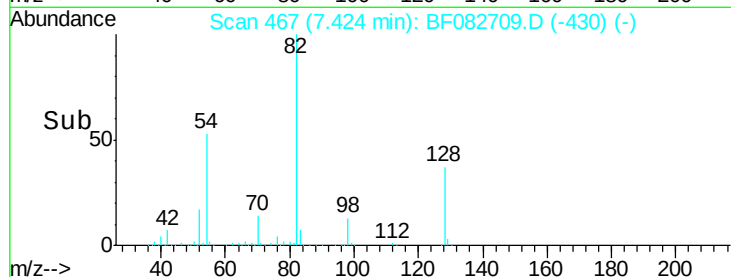
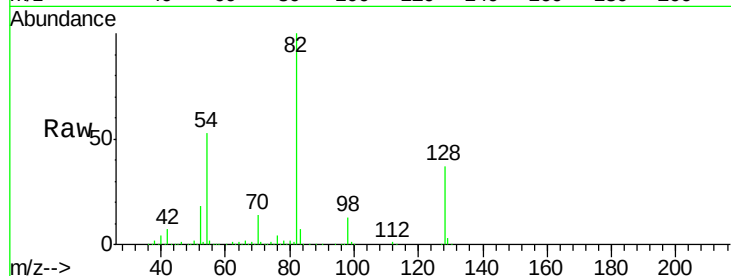




#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082709.D
Acq: 4 Nov 2015 19:13

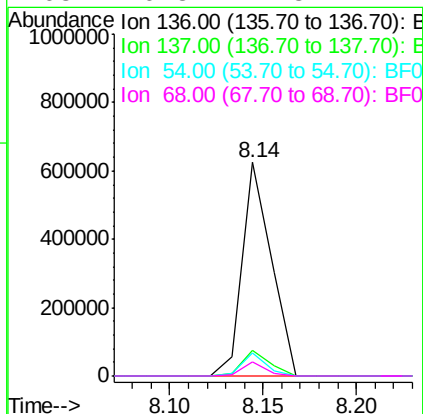
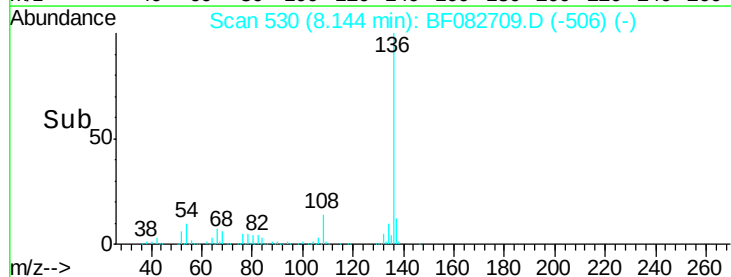
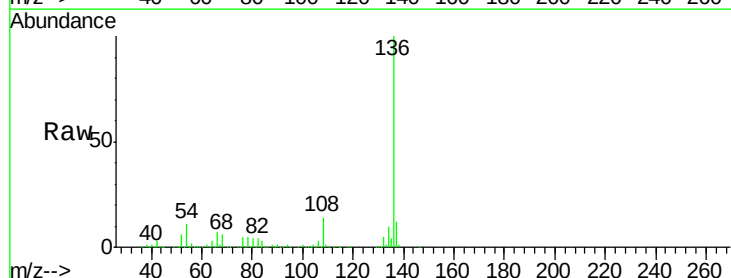
Instrument :
BNA_F
ClientSampleId :
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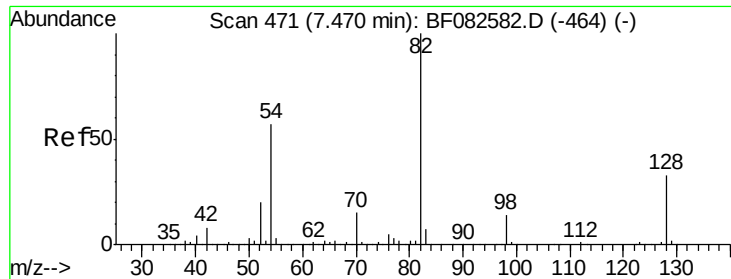
Tgt Ion: 70 Resp: 162334
Ion Ratio Lower Upper
70 100
42 47.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082709.D
Acq: 4 Nov 2015 19:13

Tgt Ion: 136 Resp: 674907
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 10.5 9.1 13.7
68 6.3 4.8 7.2

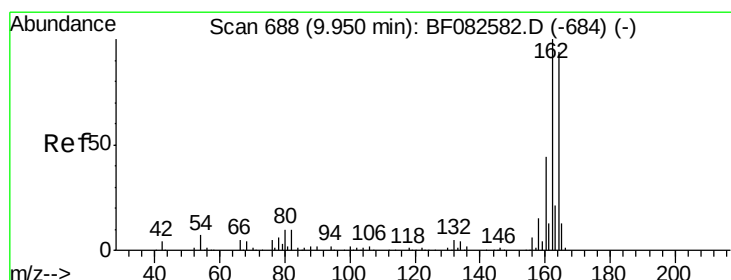
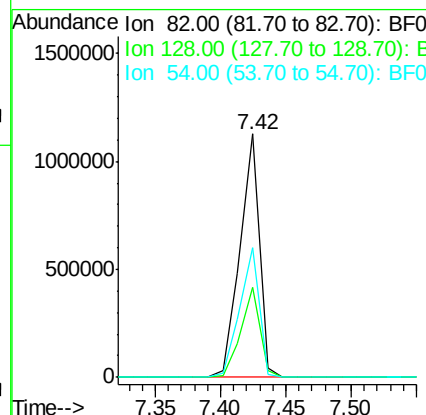
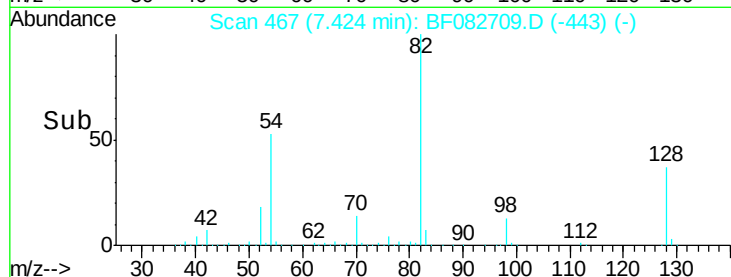
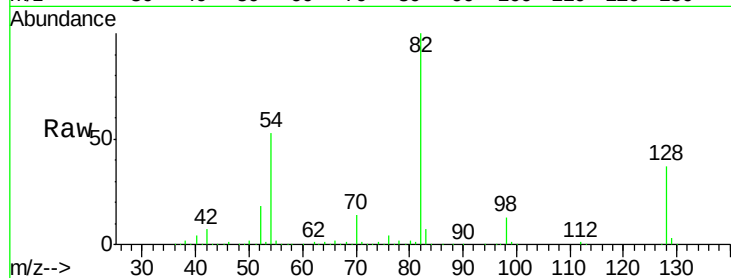




#23
 Nitrobenzene-d5
 Concen: 69.91 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

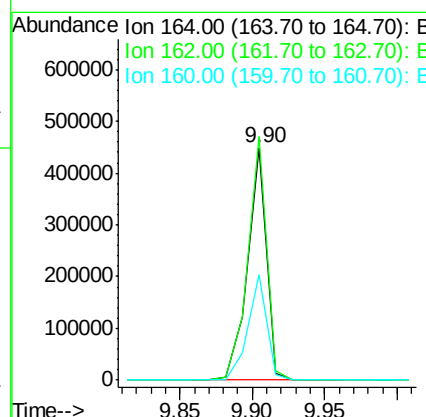
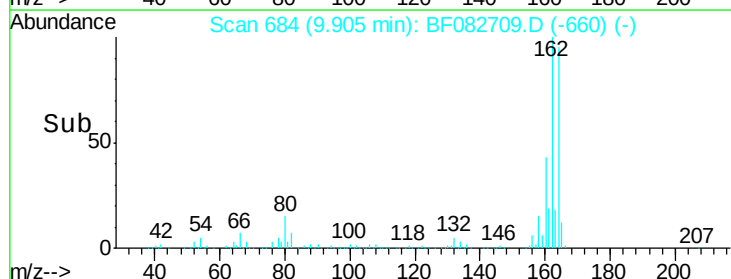
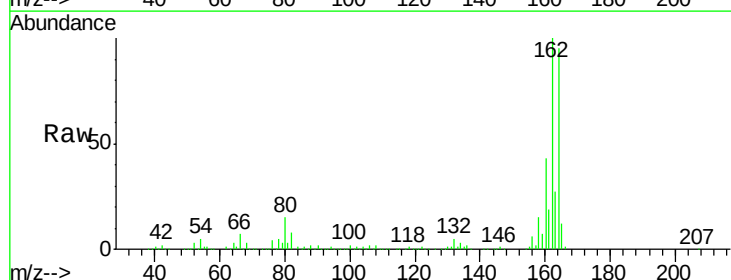
Instrument :
 BNA_F
 ClientSampleId :
 TP-17(6)

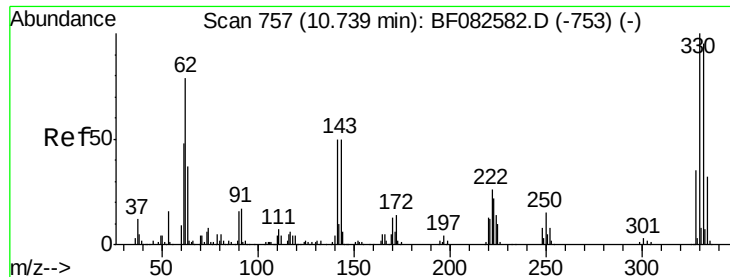
Tgt Ion: 82 Resp: 1155474
 Ion Ratio Lower Upper
 82 100
 128 37.2 26.8 40.2
 54 53.4 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

Tgt Ion: 164 Resp: 404130
 Ion Ratio Lower Upper
 164 100
 162 104.8 84.9 127.3
 160 45.5 37.5 56.3

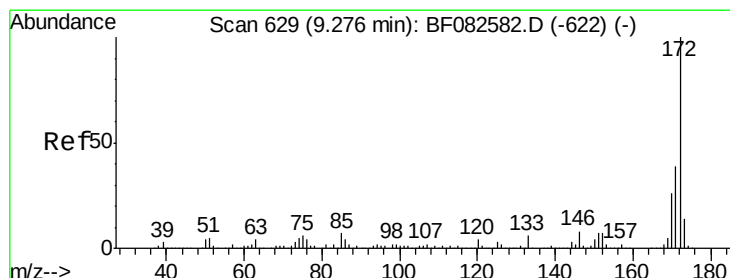
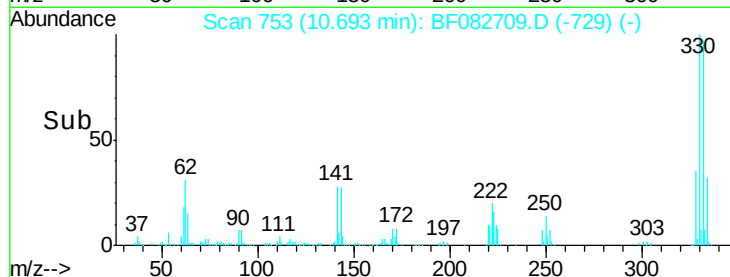
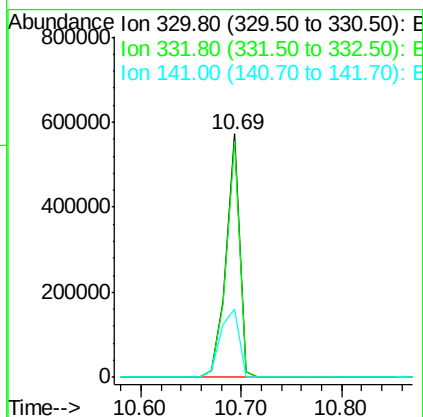
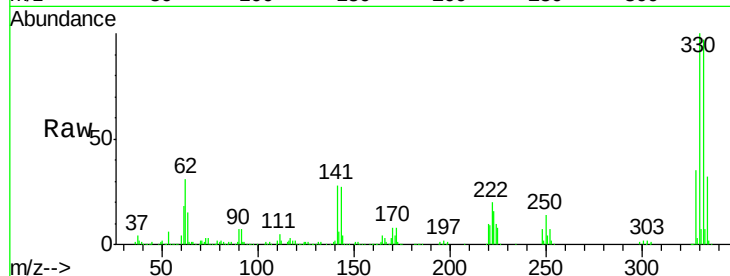




#41
 2,4,6-Tribromophenol
 Concen: 121.63 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

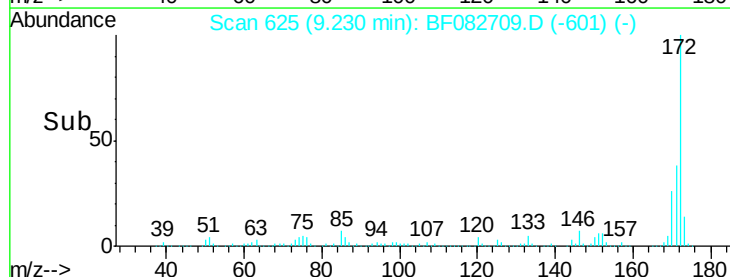
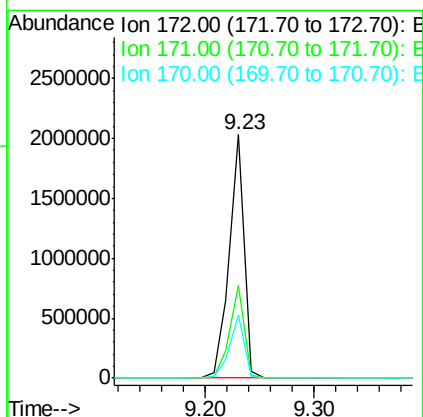
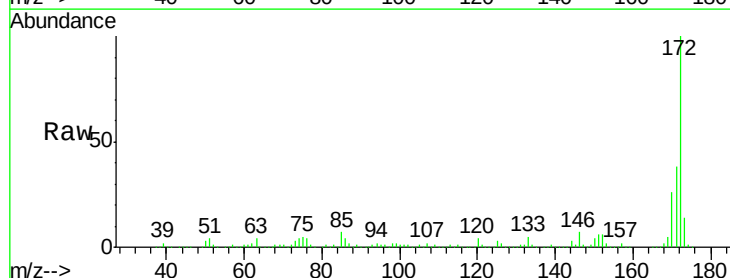
Instrument :
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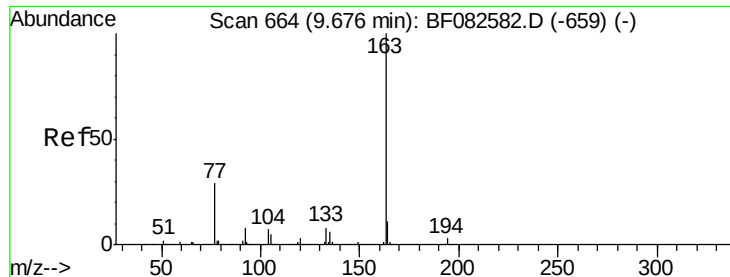
Tgt Ion:330 Resp: 537965
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 38.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 67.43 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

Tgt Ion:172 Resp: 1919216
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.9 21.2 31.8

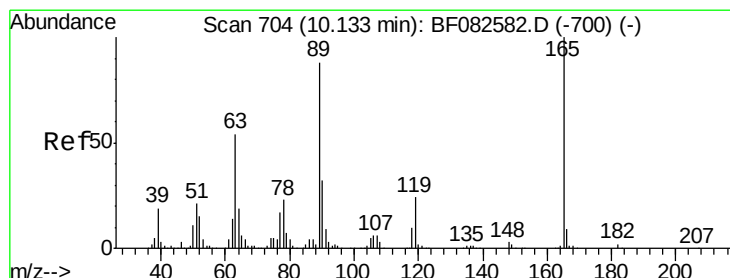
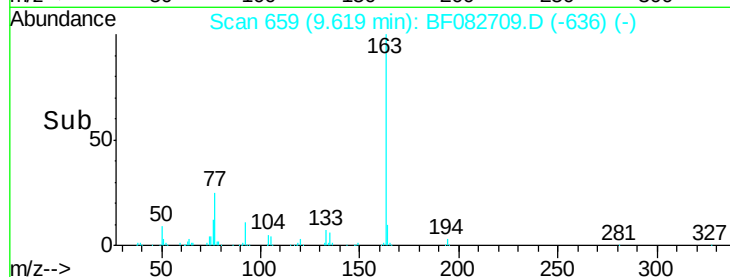
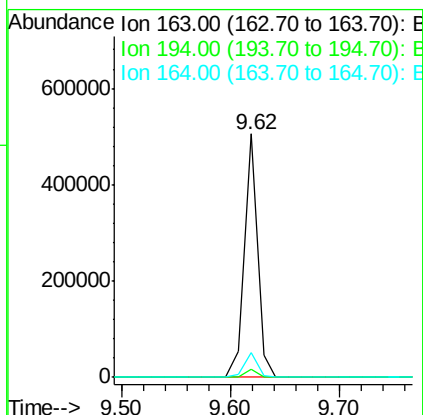
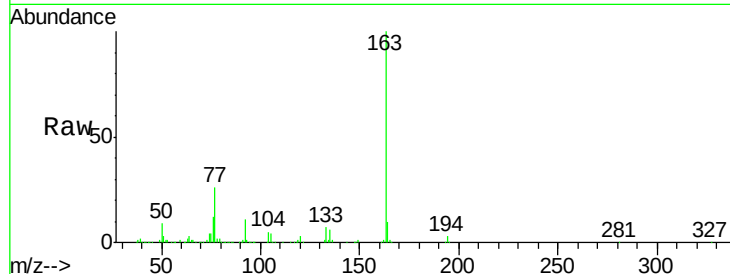




#49
Dimethylphthalate
Concen: 12.67 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082709.D
Acq: 4 Nov 2015 19:13

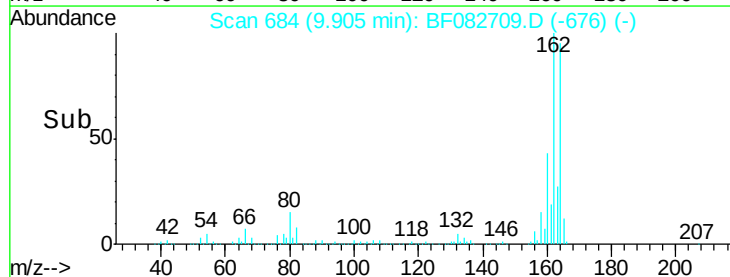
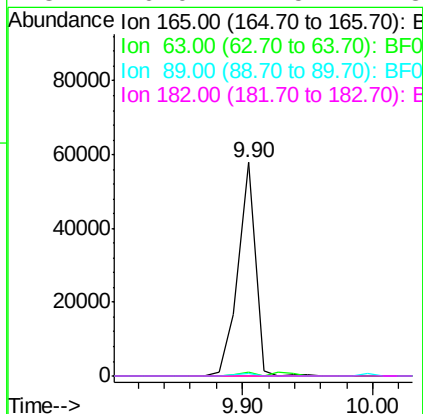
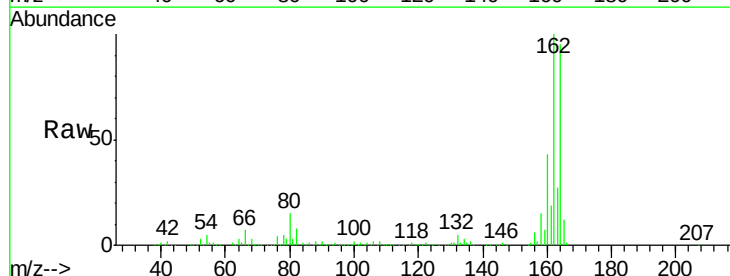
Instrument :
BNA_F
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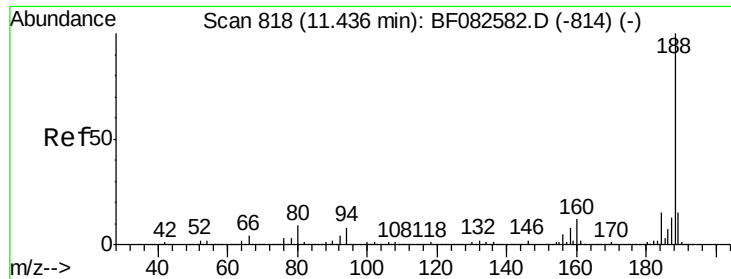
Tgt Ion:163 Resp: 418218
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082709.D
Acq: 4 Nov 2015 19:13

Tgt Ion:165 Resp: 53278
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.4 70.6 106.0#
182 0.0 1.5 2.3#

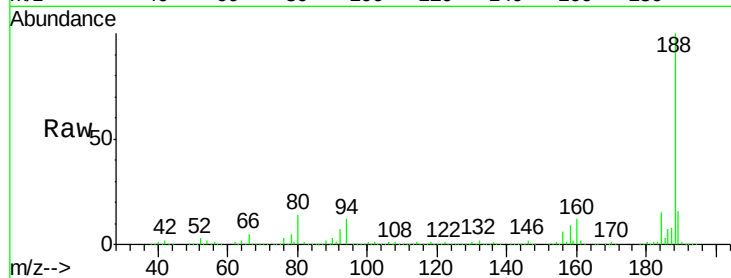




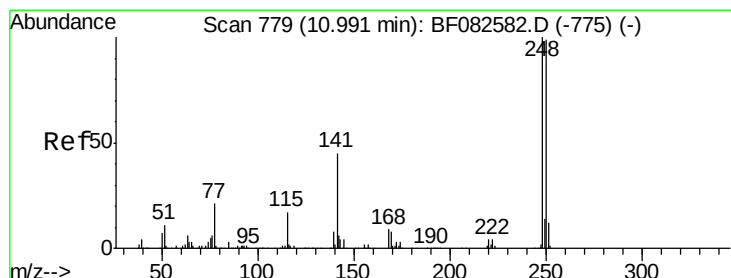
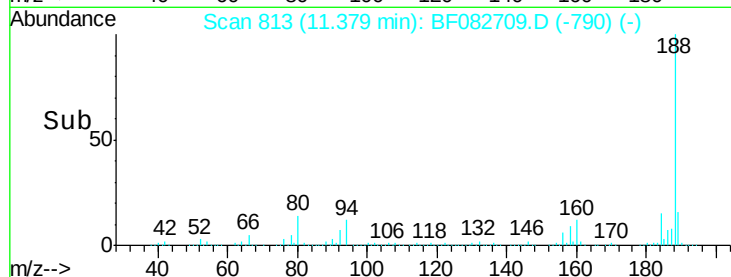
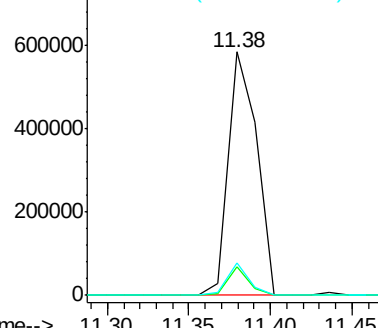
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-17(6)

Tgt Ion:188 Resp: 710818
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.1 9.1#
 80 13.5 7.0 10.6#

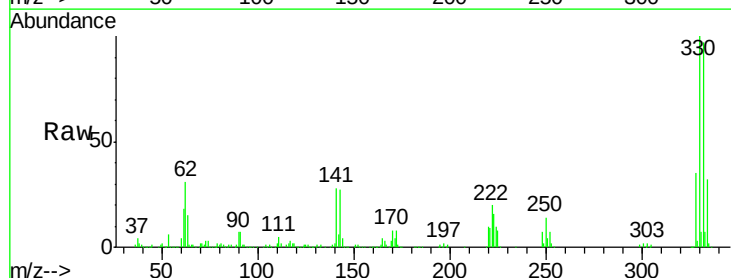


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

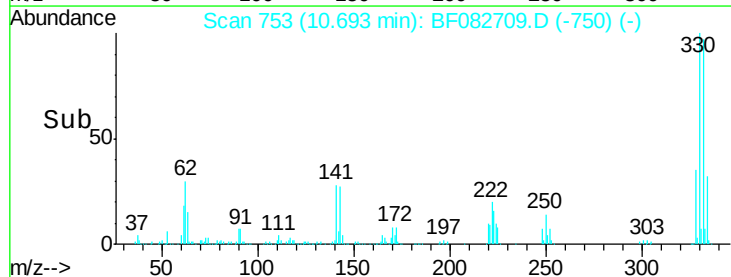
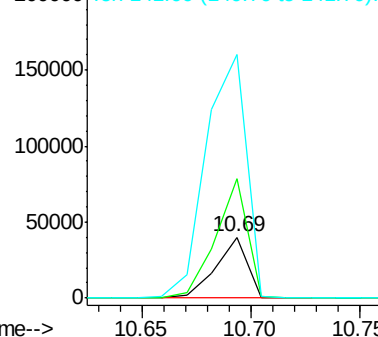


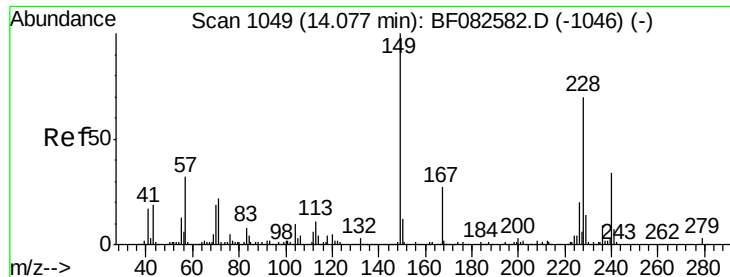
#66
 4-Bromophenyl-phenylether
 Concen: 5.00 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082709.D
 Acq: 4 Nov 2015 19:13

Tgt Ion:248 Resp: 40284
 Ion Ratio Lower Upper
 248 100
 250 196.0 79.4 119.2#
 141 400.6 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: BF082709.D

Acq: 4 Nov 2015 19:13

Instrument :

BNA_F

ClientSampleId :

TP-17(6)

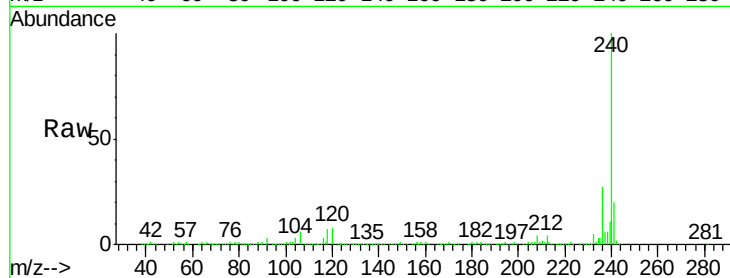
Tgt Ion:240 Resp: 713279

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

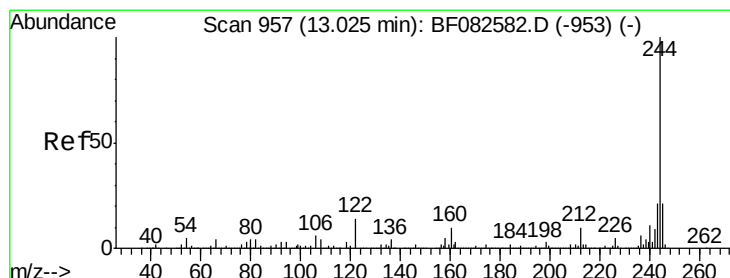
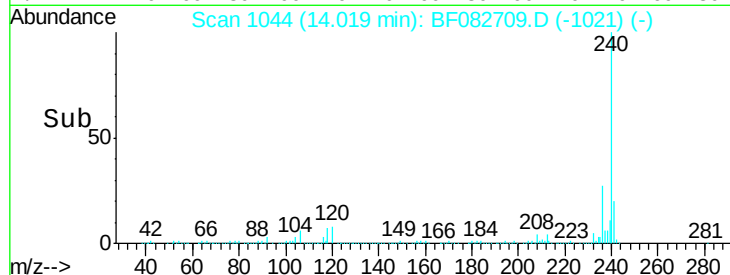
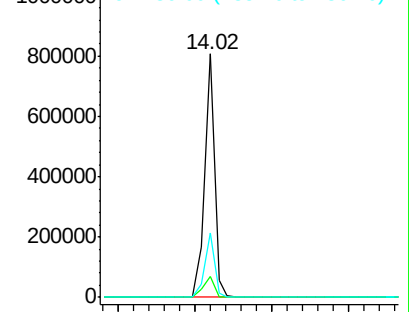
236 26.6 21.6 32.4



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: 68.25 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082709.D

Acq: 4 Nov 2015 19:13

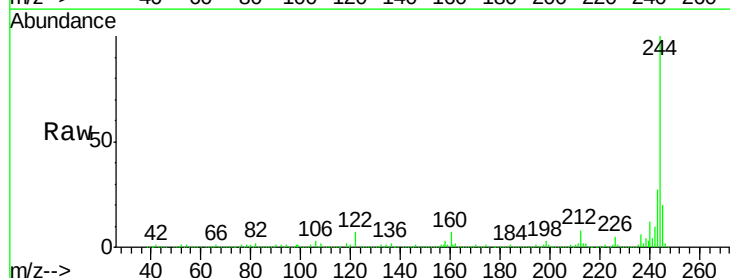
Tgt Ion:244 Resp: 2224421

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

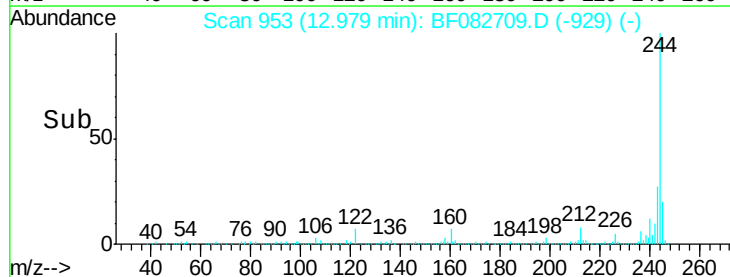
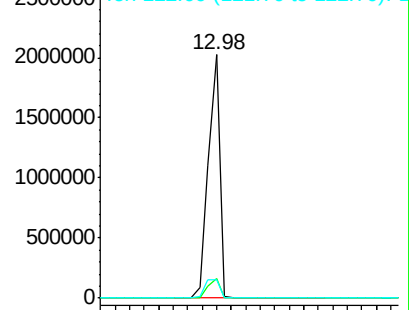
122 7.5 11.3 16.9#

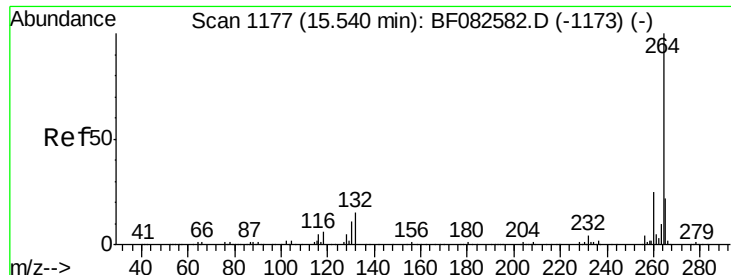


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

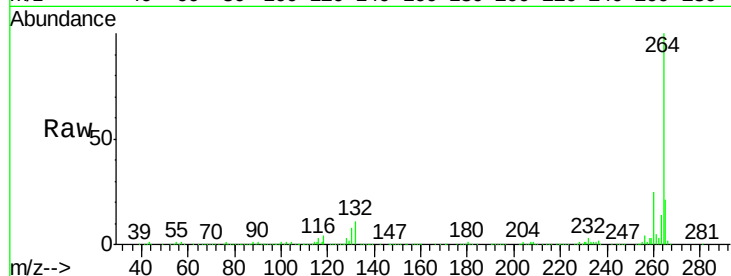




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082709.D
Acq: 4 Nov 2015 19:13

Instrument :
BNA_F
ClientSampleId :
TP-17(6)

Tgt Ion:	264	Resp:	571305
Ion	Ratio	Lower	Upper
264	100		
260	25.1	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

