

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080759.D
 Acq On : 1 Aug 2015 4:06
 Operator : TP/UM
 Sample : G3119-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Quant Time: Aug 01 04:31:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

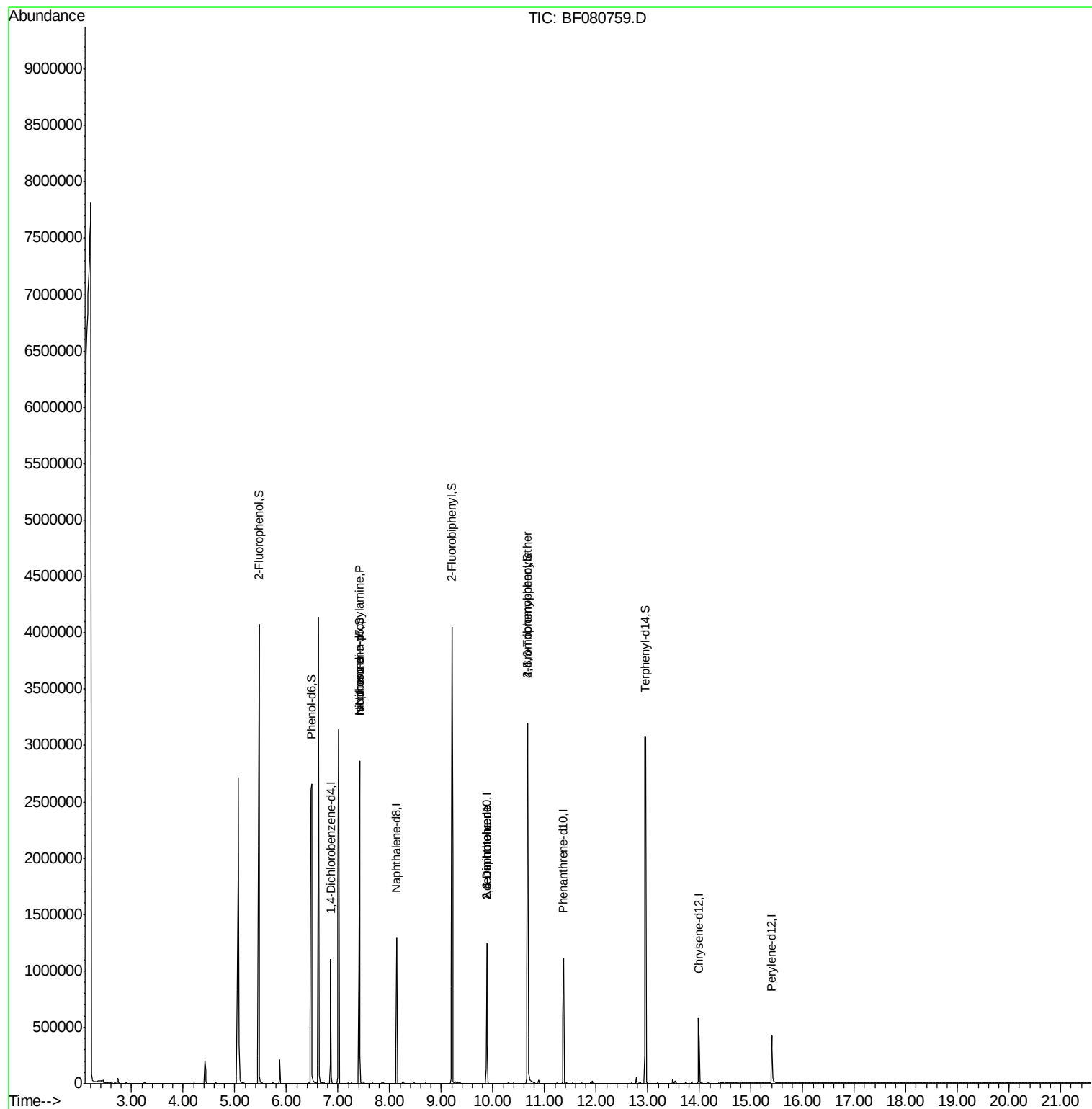
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138023	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	520939	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	241907	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	483206	20.00	ng	0.00
75) Chrysene-d12	13.99	240	264304	20.00	ng	-0.01
86) Perylene-d12	15.40	264	243752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1048317	130.29	ng	0.02
7) Phenol-d6	6.49	99	1337443	122.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	915251	85.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	379902	151.35	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1597316	98.51	ng	-0.01
78) Terphenyl-d14	12.96	244	1502787	107.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1568	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	130507	17.69	ng	# 77
25) Isophorone	7.41	82	902379	47.17	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	30639	8.47	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	30633	6.46	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	24732	4.96	ng	# 1

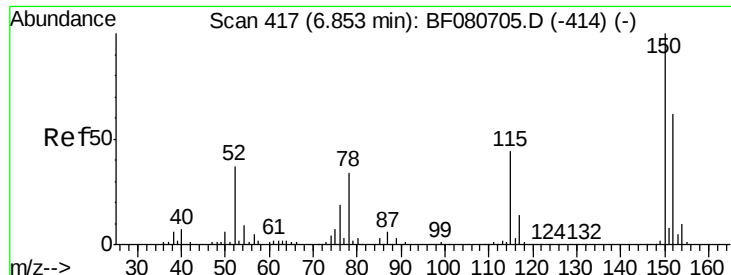
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080759.D
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
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BB-026CS-1(0-16FTBGS)

Quant Time: Aug 01 04:31:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Instrument :

BNA_F

ClientSampleId :

BB-026CS-1(0-16FTBGS)

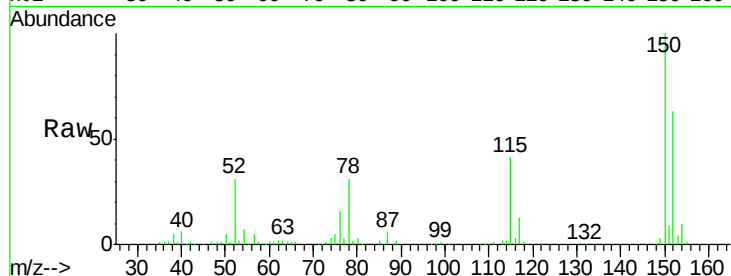
Tgt Ion:152 Resp: 138023

Ion Ratio Lower Upper

152 100

150 157.8 129.6 194.4

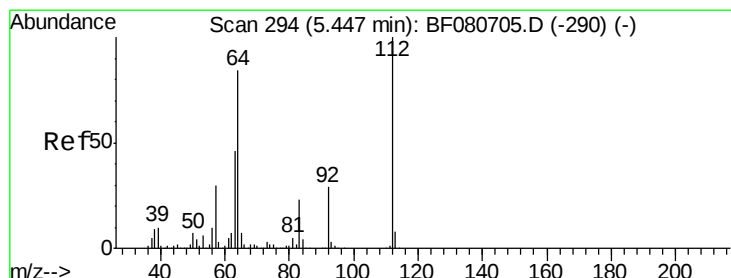
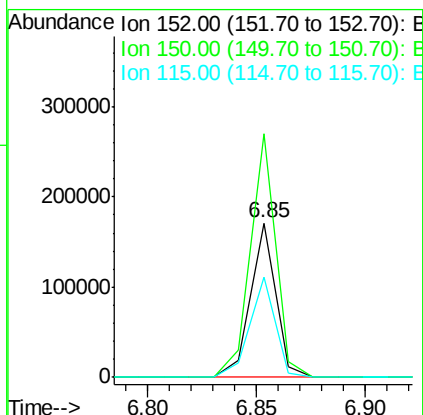
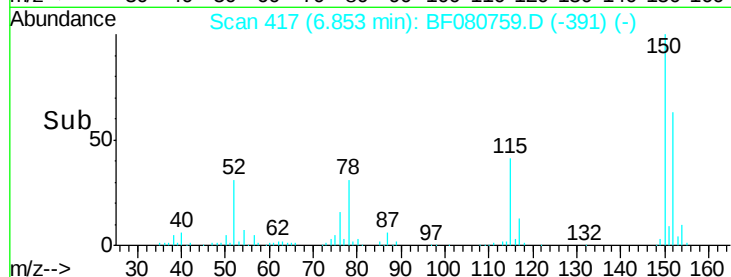
115 65.3 56.6 85.0



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: 130.29 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

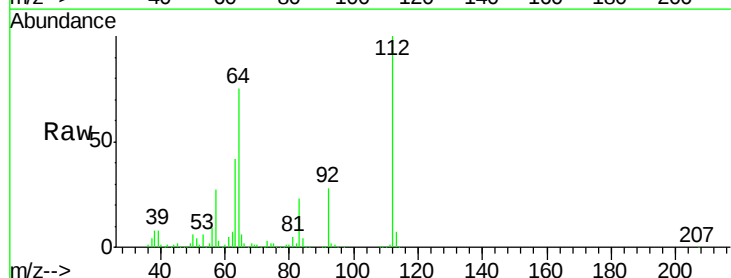
Tgt Ion:112 Resp: 1048317

Ion Ratio Lower Upper

112 100

64 75.0 66.8 100.2

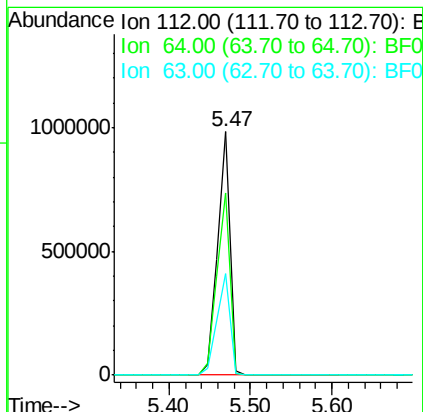
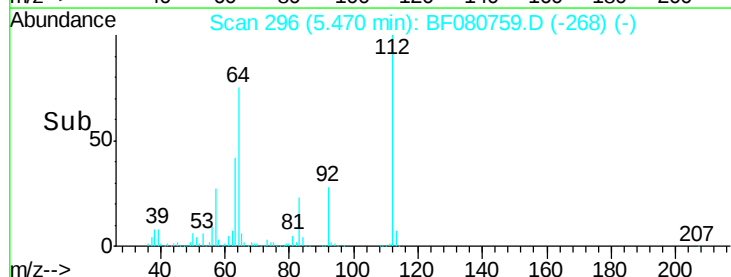
63 41.8 36.7 55.1

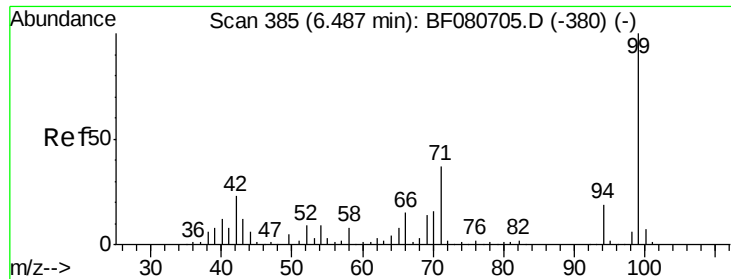


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Instrument :

BNA_F

ClientSampleId :

BB-026CS-1(0-16FTBGS)

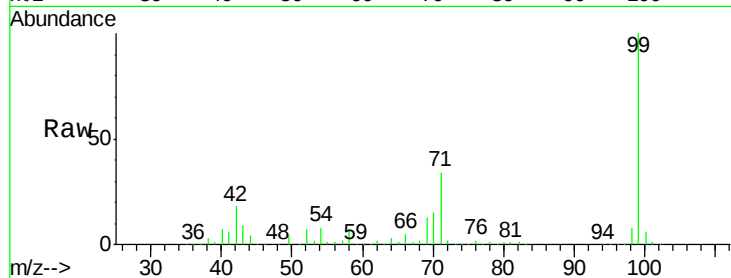
Tgt Ion: 99 Resp: 1337443

Ion Ratio Lower Upper

99 100

42 17.8 18.2 27.2#

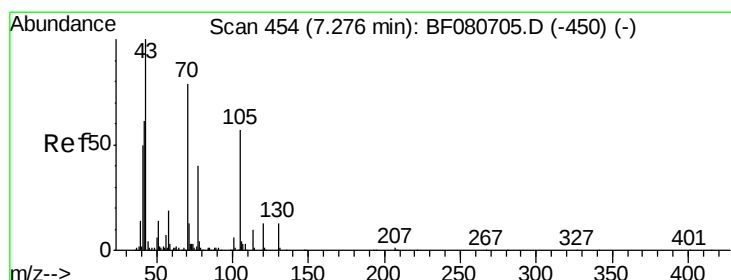
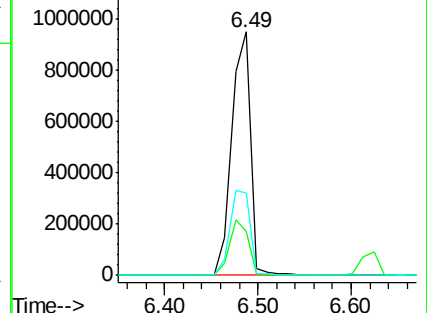
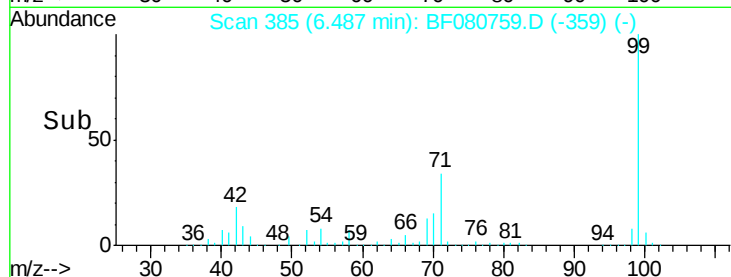
71 33.6 29.5 44.3



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: 17.69 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Tgt Ion: 70 Resp: 130507

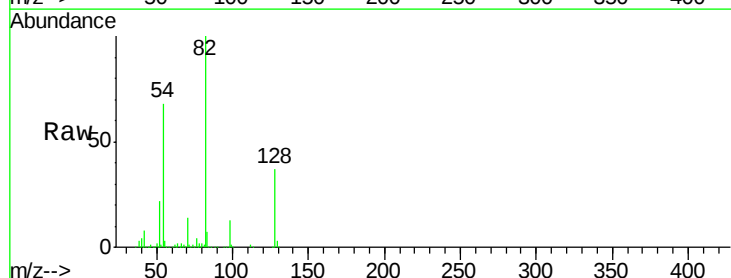
Ion Ratio Lower Upper

70 100

42 58.8 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

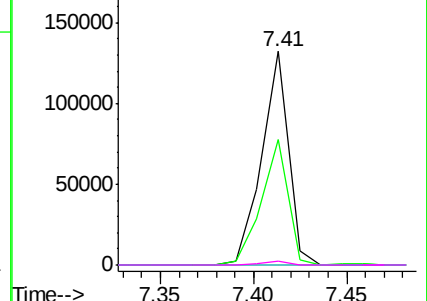
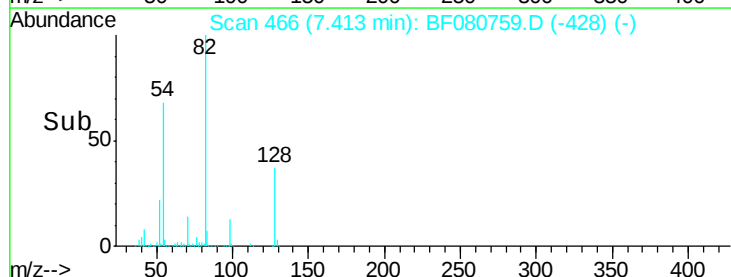


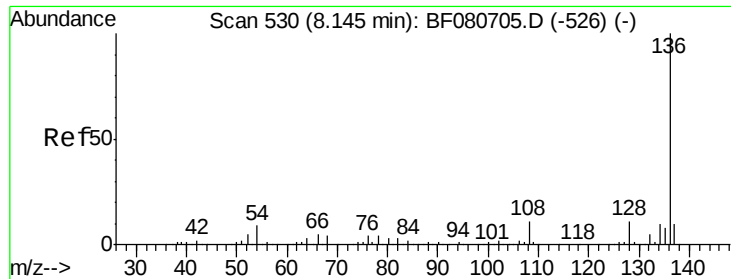
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

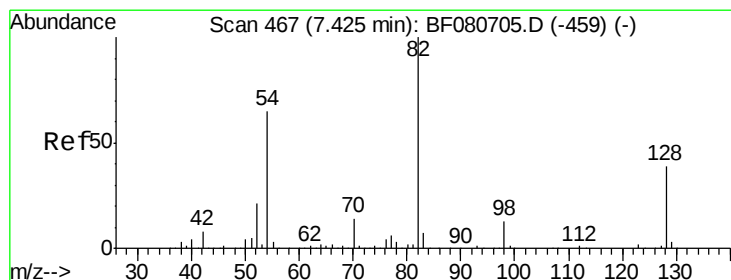
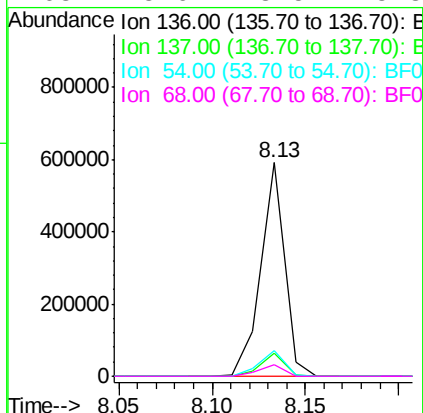
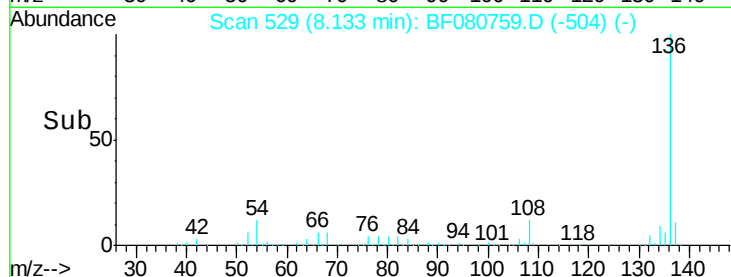
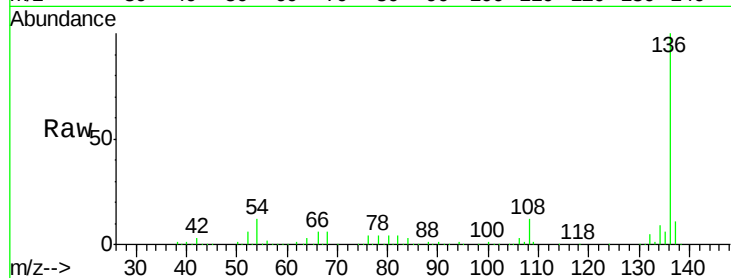




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080759.D
Acq: 1 Aug 2015 4:06

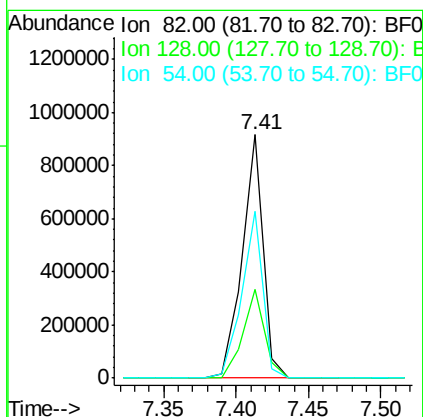
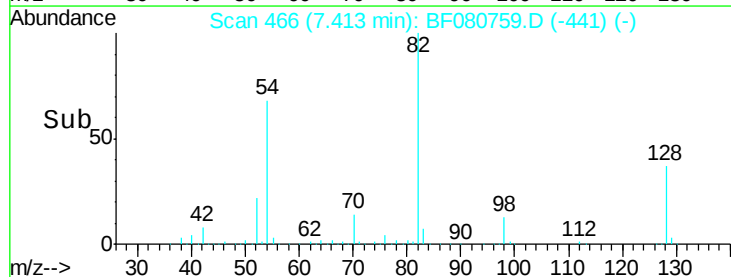
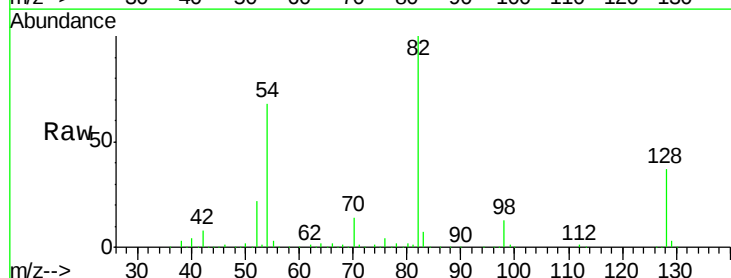
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)

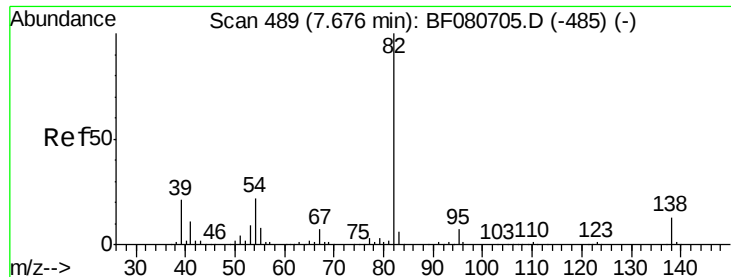
Tgt Ion:	136	Resp:	520939
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	11.9	6.9	10.3#
68	5.6	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 85.08 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080759.D
Acq: 1 Aug 2015 4:06

Tgt Ion:	82	Resp:	915251
Ion Ratio	Lower	Upper	
82	100		
128	36.6	31.5	47.3
54	68.5	51.8	77.8





#25

Isophorone

Concen: 47.17 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Instrument :

BNA_F

ClientSampleId :

BB-026CS-1(0-16FTBGS)

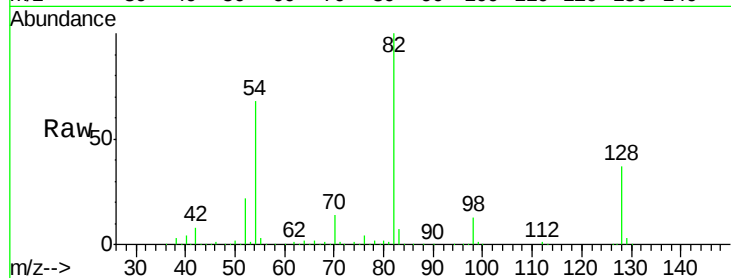
Tgt Ion: 82 Resp: 902379

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

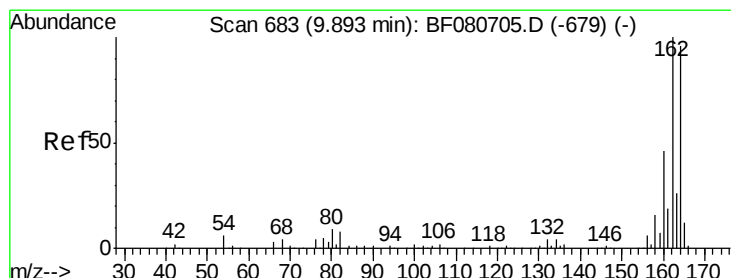
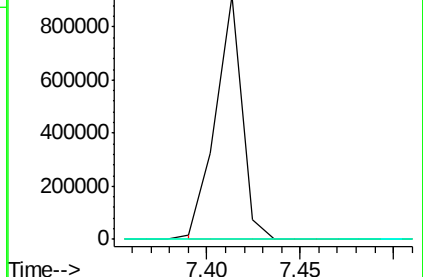
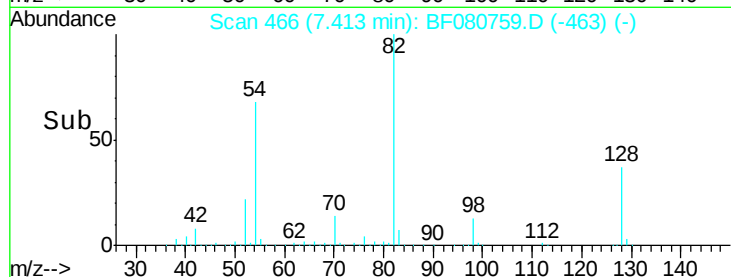
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080759.D (-466) (-)

Ion 95.00 (94.70 to 95.70): BF080759.D (-466) (-)

Ion 138.00 (137.70 to 138.70): BF080759.D (-466) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

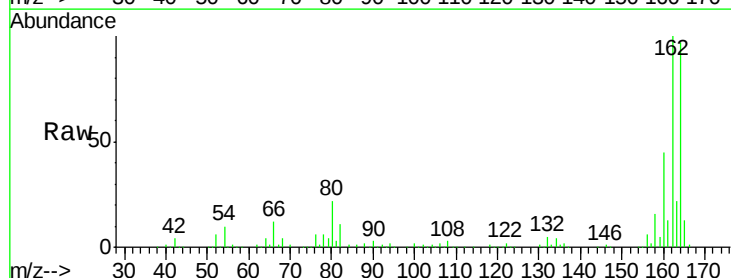
Tgt Ion: 164 Resp: 241907

Ion Ratio Lower Upper

164 100

162 102.7 83.4 125.0

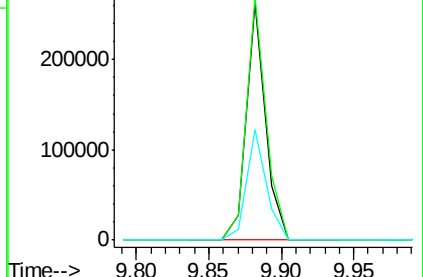
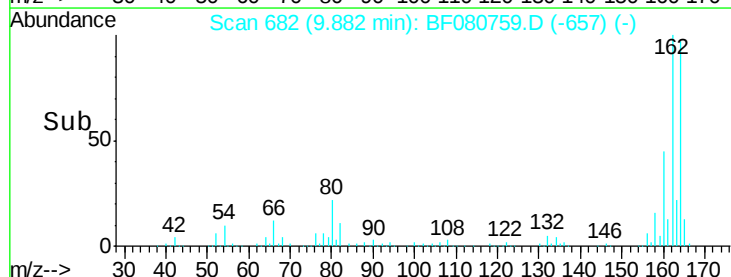
160 46.5 38.0 57.0

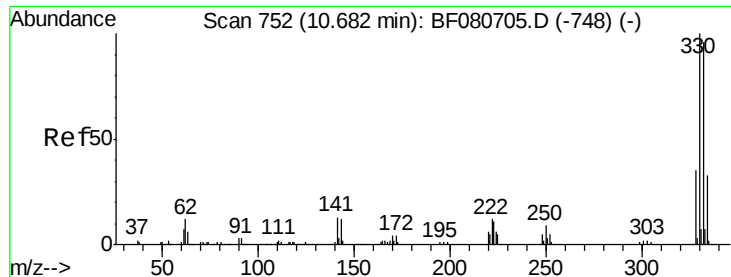


Abundance Ion 164.00 (163.70 to 164.70): BF080759.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080759.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080759.D (-657) (-)

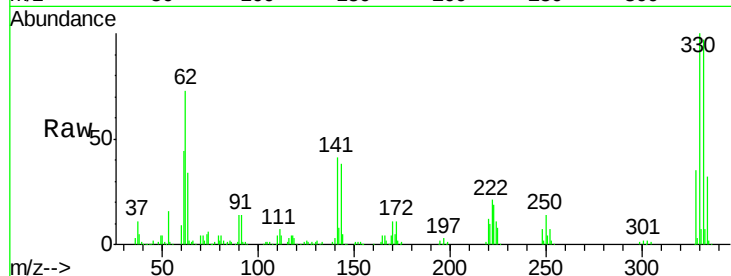




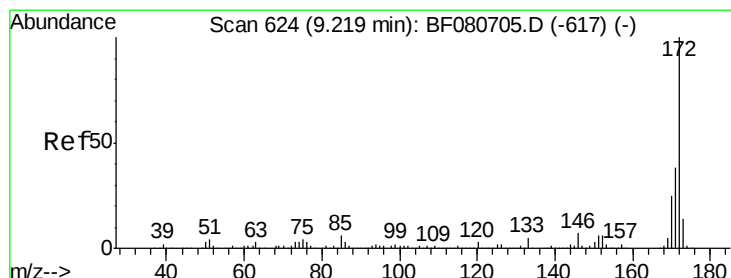
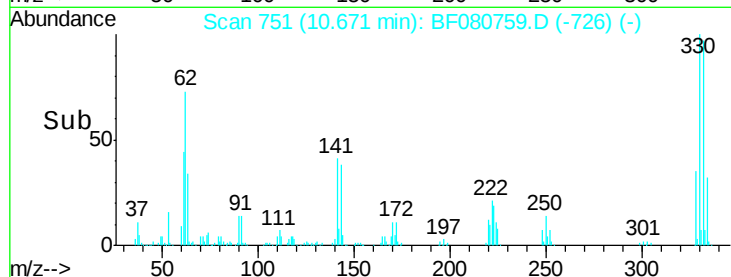
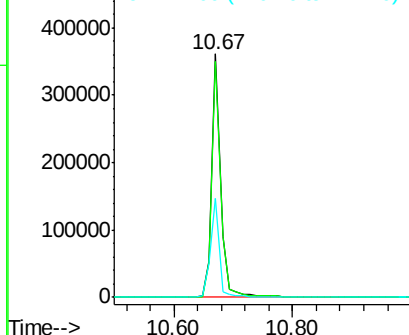
#41
 2,4,6-Tribromophenol
 Concen: 151.35 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080759.D
 Acq: 1 Aug 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Tgt Ion:330 Resp: 379902
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 39.7 26.0 39.0#

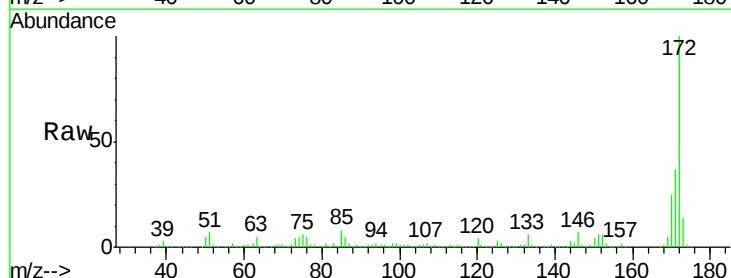


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

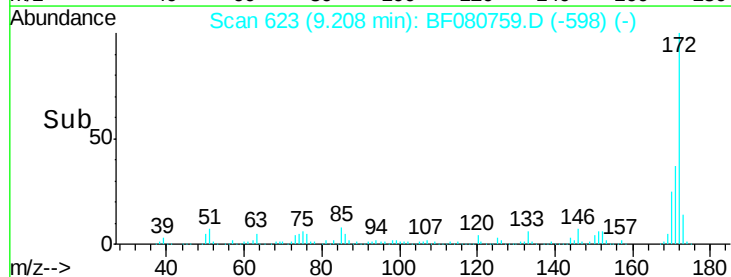
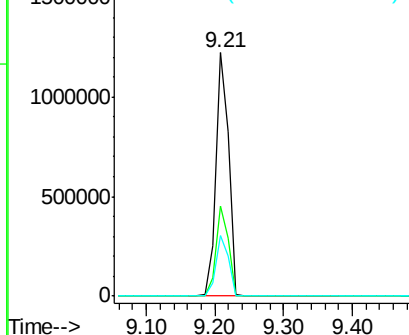


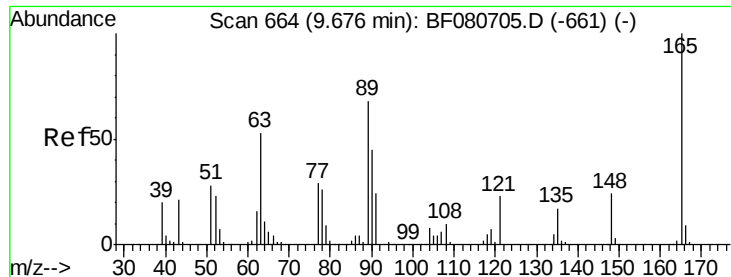
#44
 2-Fluorobiphenyl
 Concen: 98.51 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080759.D
 Acq: 1 Aug 2015 4:06

Tgt Ion:172 Resp: 1597316
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.2 45.4
 170 25.1 20.2 30.2



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

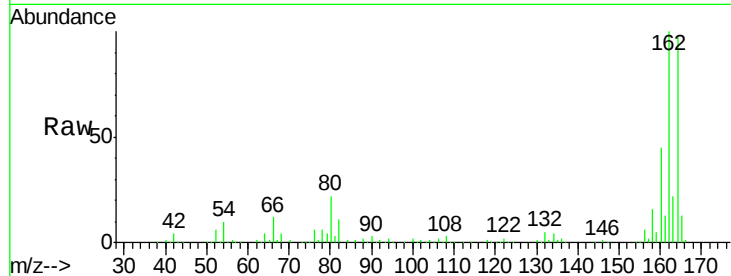




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080759.D
 Acq: 1 Aug 2015 4:06

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

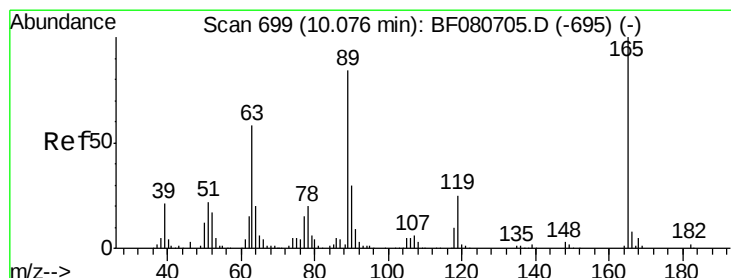
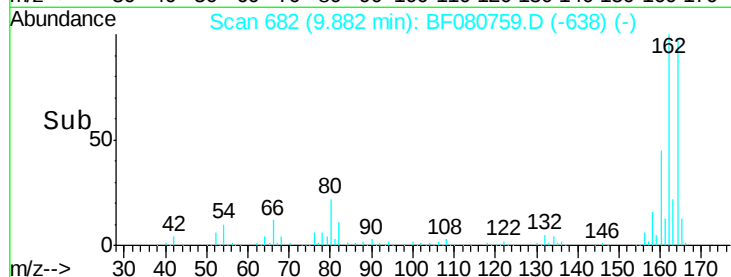
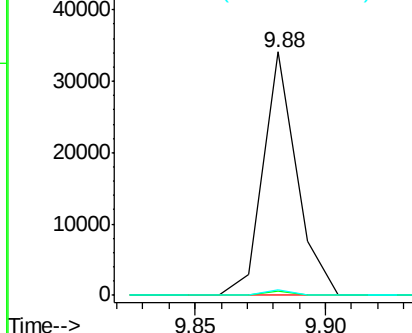
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	62.3	93.5#
89	2.4	54.8	82.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080759.D
 Acq: 1 Aug 2015 4:06

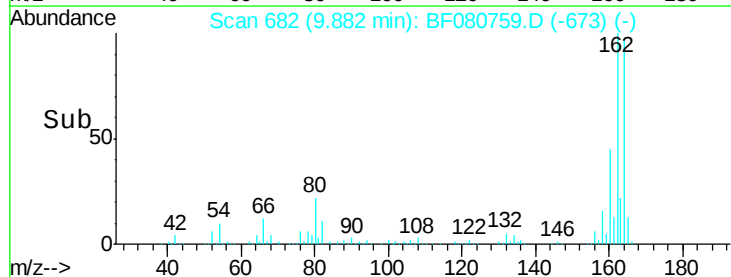
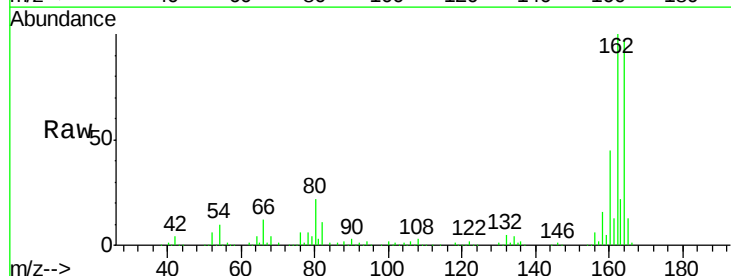
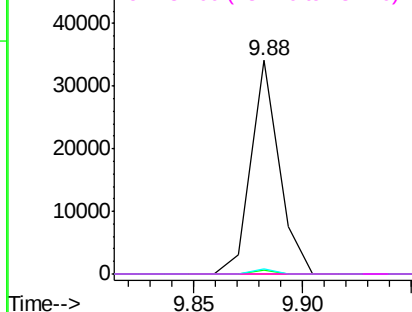
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.7	70.1#
89	2.4	67.4	101.2#
182	0.0	1.8	2.6#

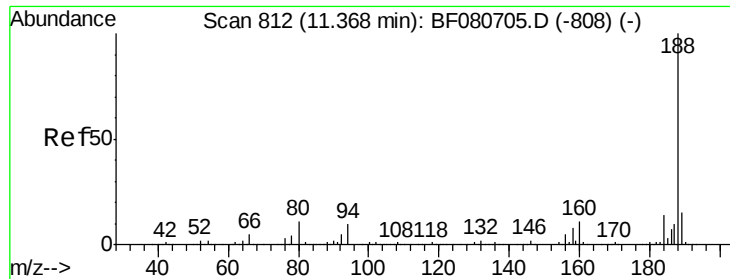
Abundance Ion 165.00 (164.70 to 165.70): E

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

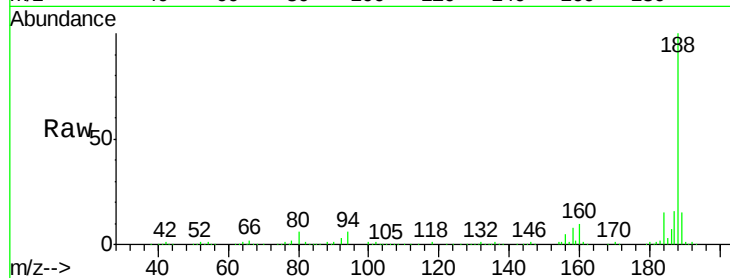




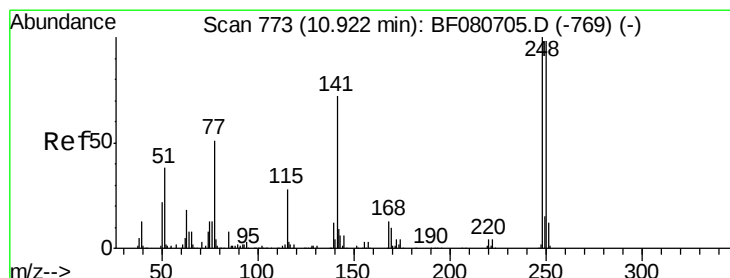
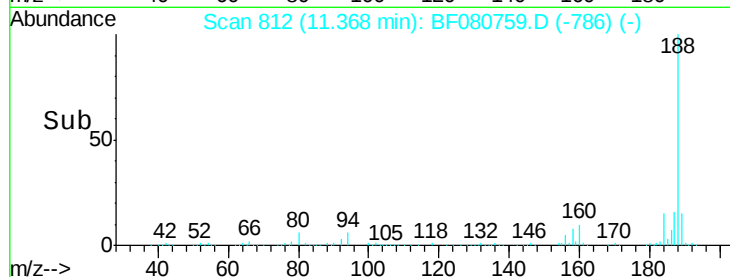
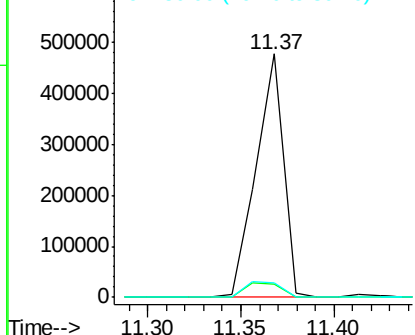
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080759.D
Acq: 1 Aug 2015 4:06

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)

Tgt Ion:188 Resp: 483206
Ion Ratio Lower Upper
188 100
94 5.6 8.1 12.1#
80 5.7 9.1 13.7#

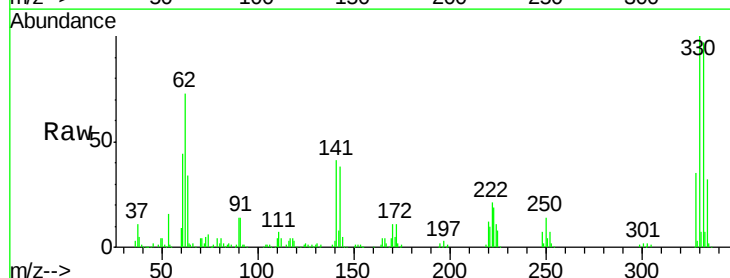


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

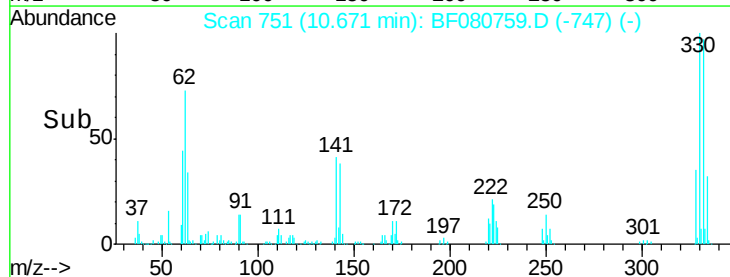
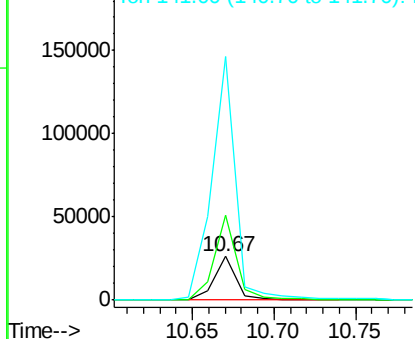


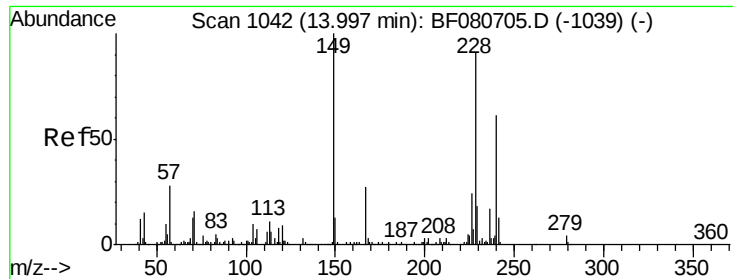
#66
4-Bromophenyl-phenylether
Concen: 4.96 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080759.D
Acq: 1 Aug 2015 4:06

Tgt Ion:248 Resp: 24732
Ion Ratio Lower Upper
248 100
250 193.3 78.4 117.6#
141 555.8 57.5 86.3#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Instrument :

BNA_F

ClientSampleId :

BB-026CS-1(0-16FTBGS)

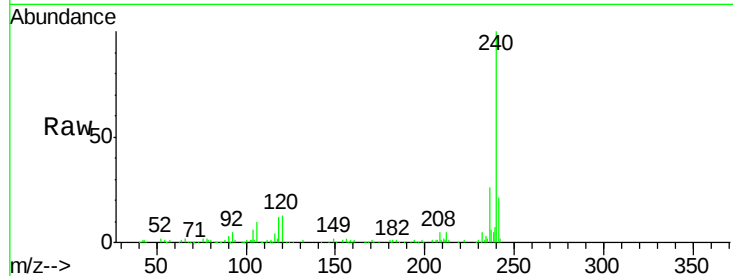
Tgt Ion:240 Resp: 264304

Ion Ratio Lower Upper

240 100

120 12.9 11.8 17.8

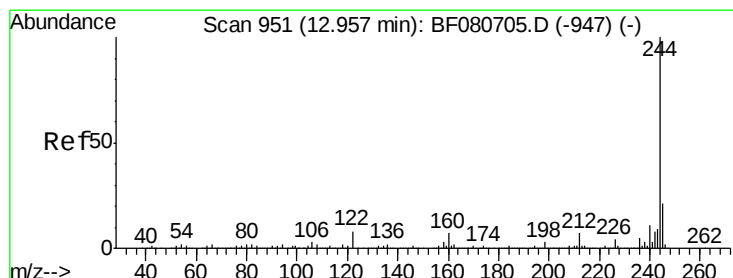
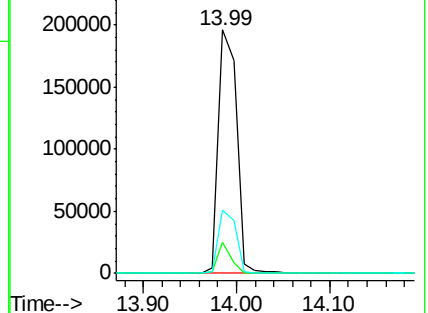
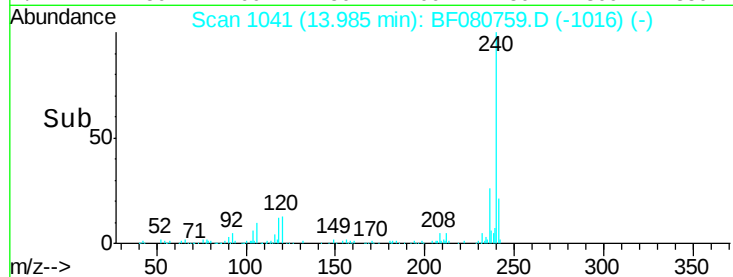
236 25.7 21.8 32.8



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: 107.54 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

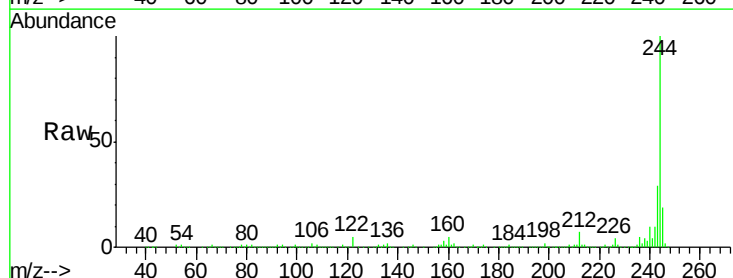
Tgt Ion:244 Resp: 1502787

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

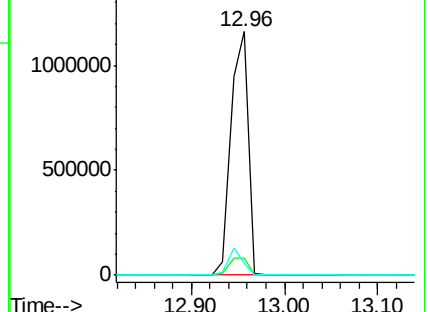
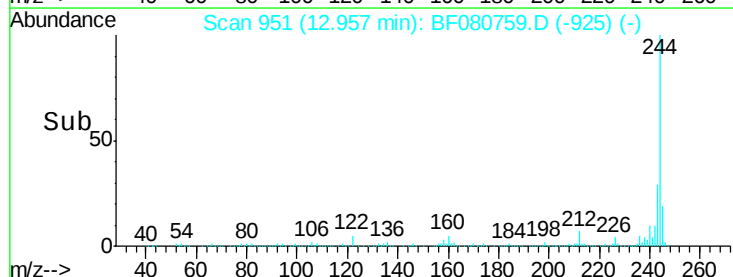
122 4.9 6.6 9.8#

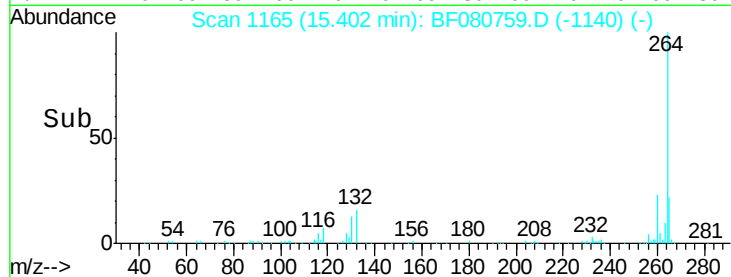
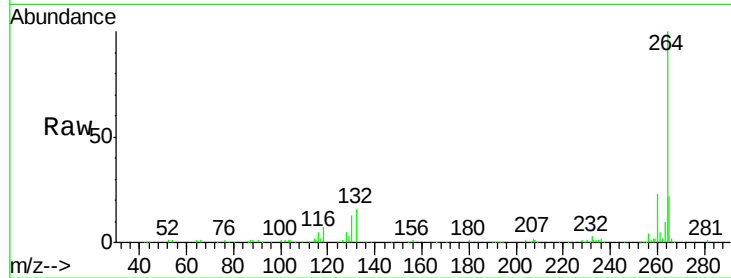
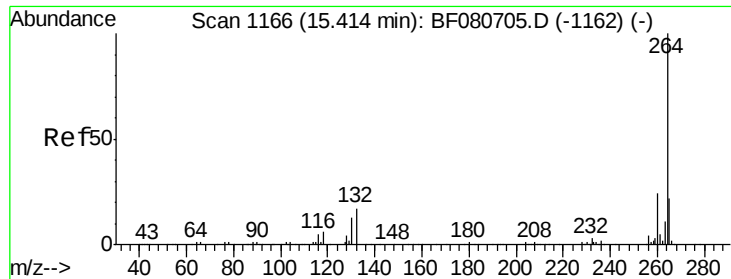


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080759.D

Acq: 1 Aug 2015 4:06

Instrument :

BNA_F

ClientSampleId :

BB-026CS-1(0-16FTBGS)

Tgt Ion:264 Resp: 243752

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.8 17.3 25.9

