

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080767.D
 Acq On : 1 Aug 2015 8:12
 Operator : TP/UM
 Sample : G3121-10
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

Quant Time: Aug 03 01:02:37 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

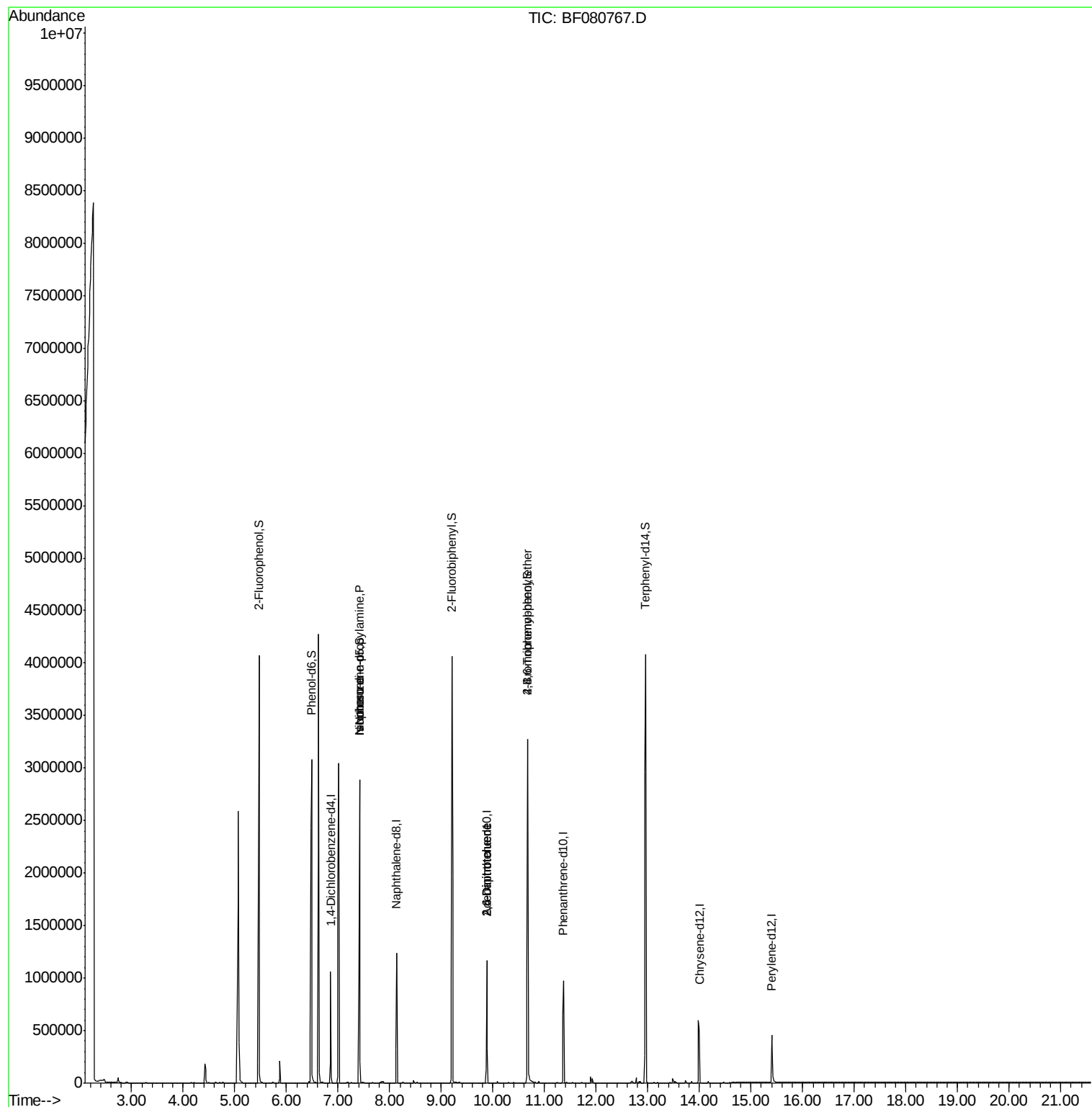
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133212	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	495270	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	230072	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	459388	20.00	ng	0.00
75) Chrysene-d12	14.00	240	288031	20.00	ng	0.00
86) Perylene-d12	15.40	264	273554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1006774	129.65	ng	0.02
7) Phenol-d6	6.49	99	1365024	129.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	926639	90.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	385493	161.47	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1602841	103.93	ng	-0.01
78) Terphenyl-d14	12.96	244	1720340	112.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1743	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	131709	18.50	ng	# 75
25) Isophorone	7.41	82	912396	50.16	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	30827	8.96	ng	# 14
56) 2,4-Dinitrotoluene	9.88	165	30828	6.83	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	25327	5.34	ng	# 1

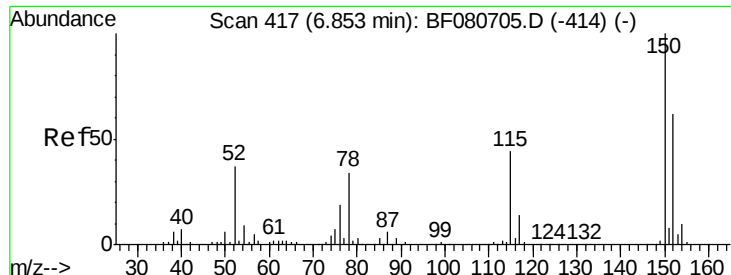
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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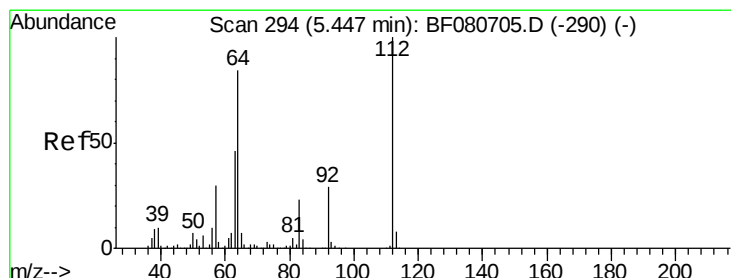
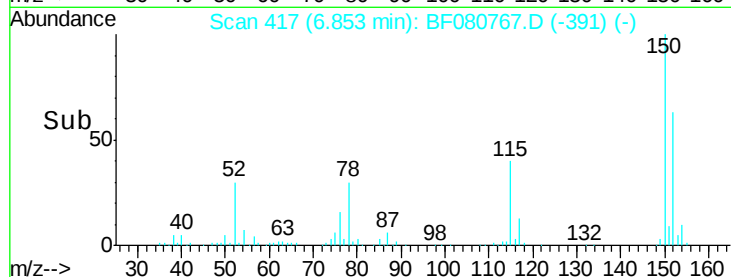
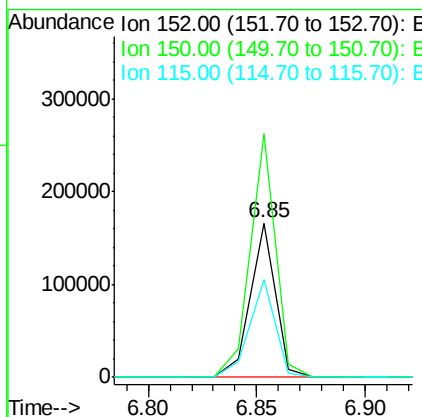
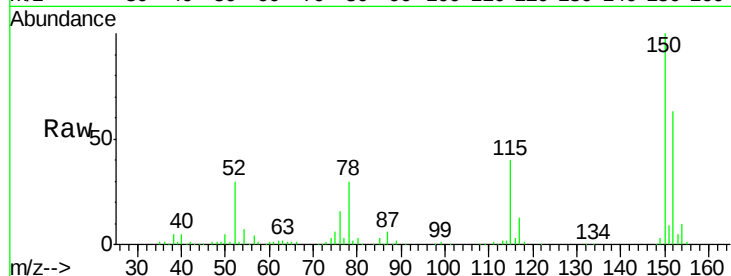




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

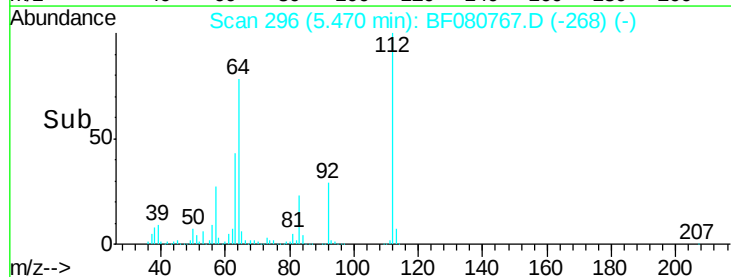
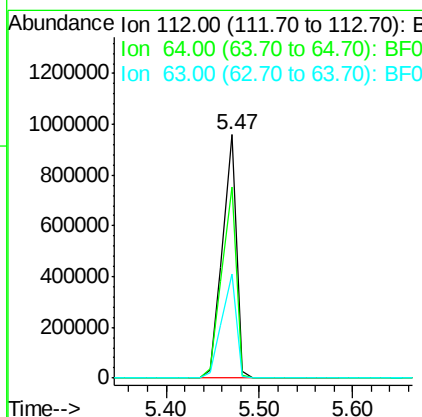
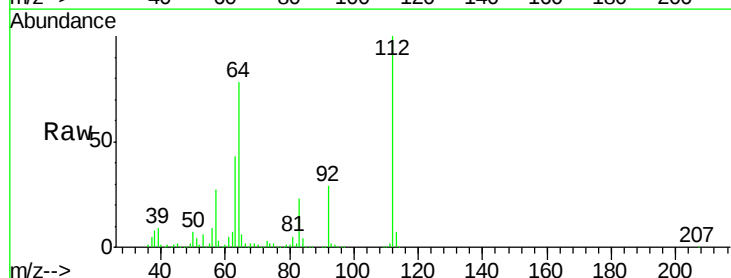
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

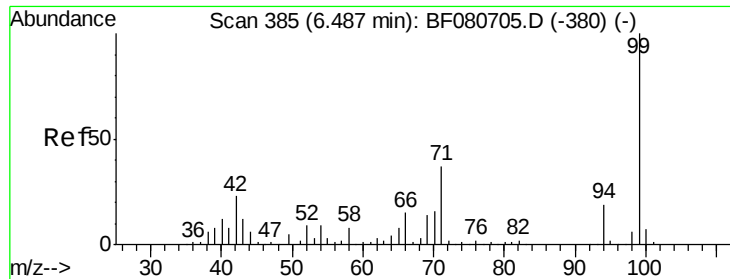
Tgt Ion:152 Resp: 133212
 Ion Ratio Lower Upper
 152 100
 150 157.7 129.6 194.4
 115 63.7 56.6 85.0



#5
 2-Fluorophenol
 Concen: 129.65 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Tgt Ion:112 Resp: 1006774
 Ion Ratio Lower Upper
 112 100
 64 78.3 66.8 100.2
 63 42.9 36.7 55.1





#7

Phenol-d6

Concen: 129.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

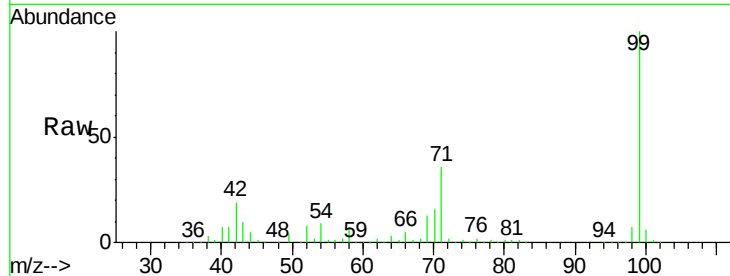
Tgt Ion: 99 Resp: 1365024

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.2

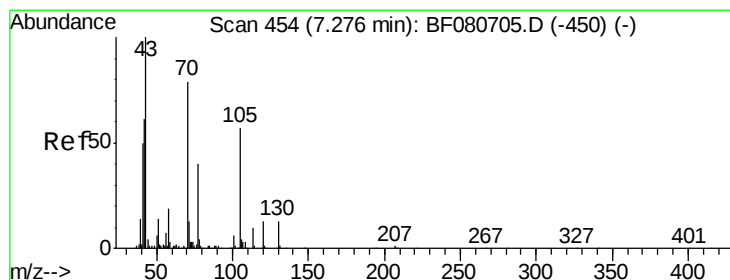
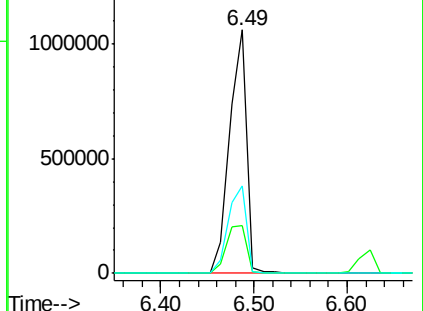
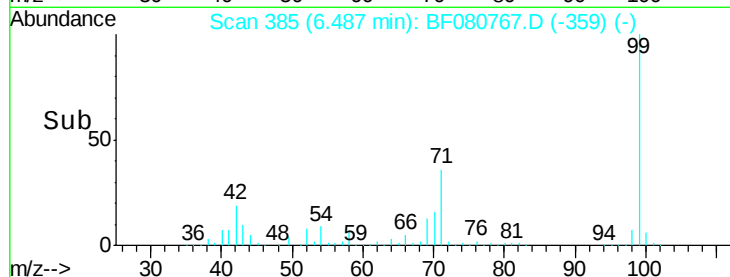
71 36.2 29.5 44.3



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: 18.50 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Tgt Ion: 70 Resp: 131709

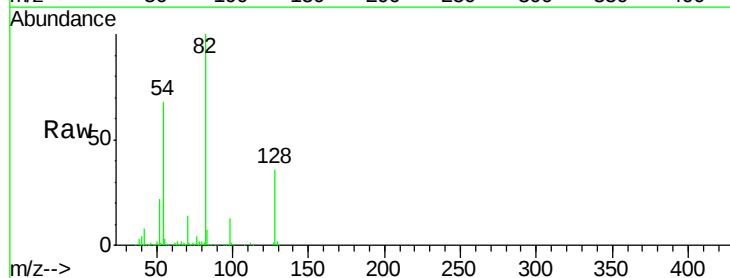
Ion Ratio Lower Upper

70 100

42 57.2 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

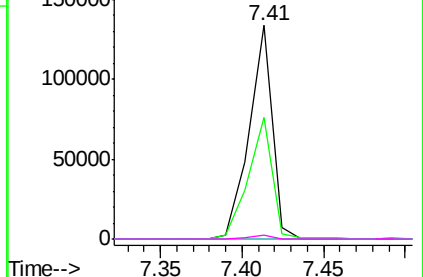
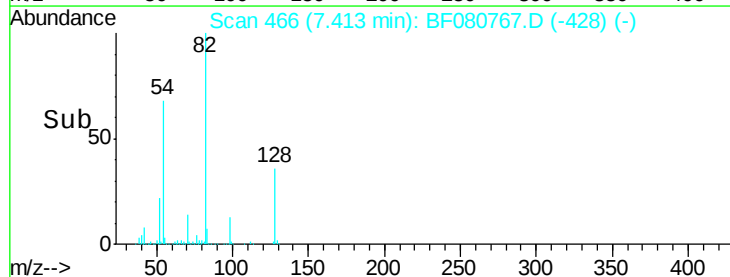


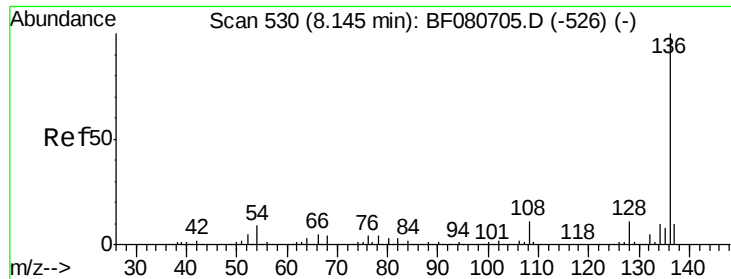
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

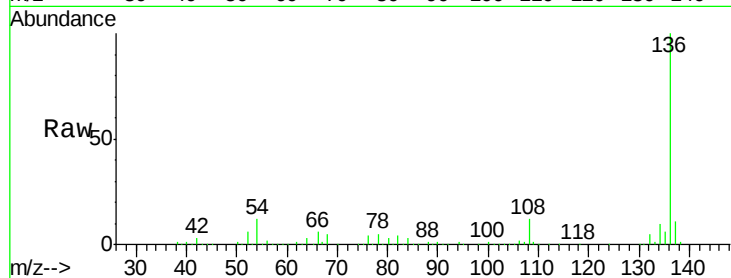




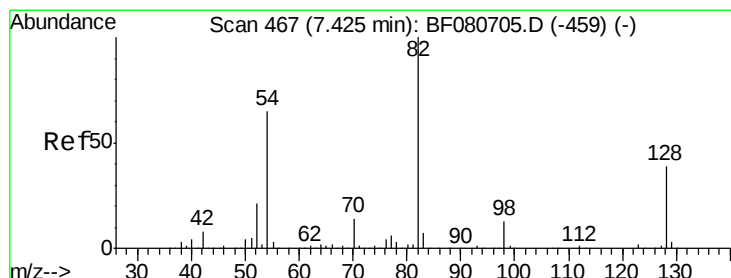
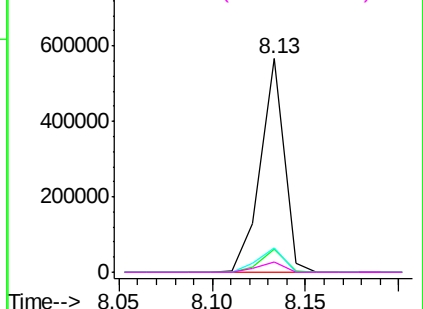
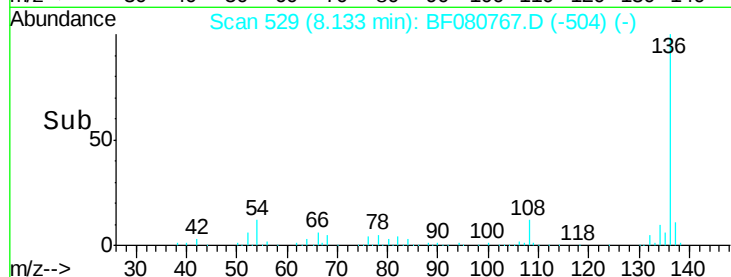
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion:	136	Resp:	495270
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	11.5	6.9	10.3
68	5.1	3.5	5.3

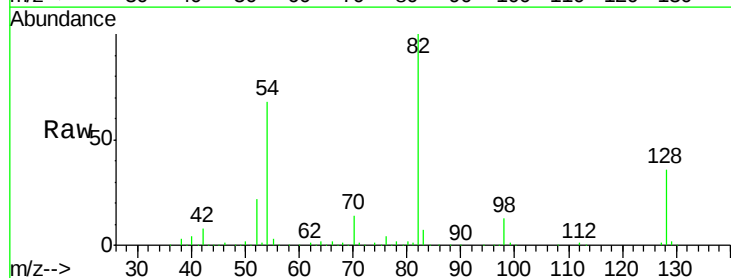


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

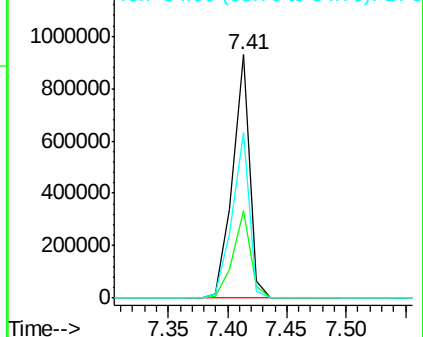
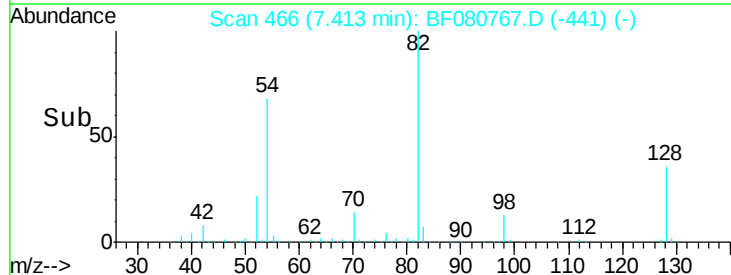


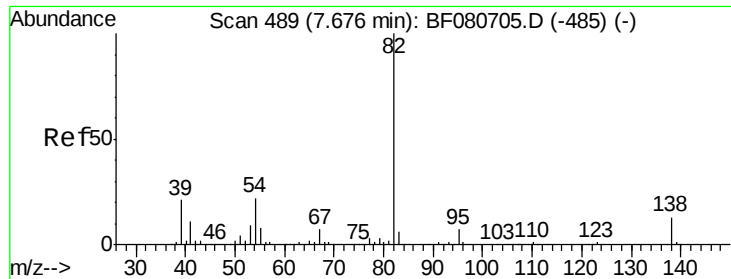
#23
Nitrobenzene-d5
Concen: 90.60 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Tgt Ion:	82	Resp:	926639
Ion Ratio	Lower	Upper	
82	100		
128	36.0	31.5	47.3
54	67.8	51.8	77.8



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





#25

Isophorone

Concen: 50.16 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

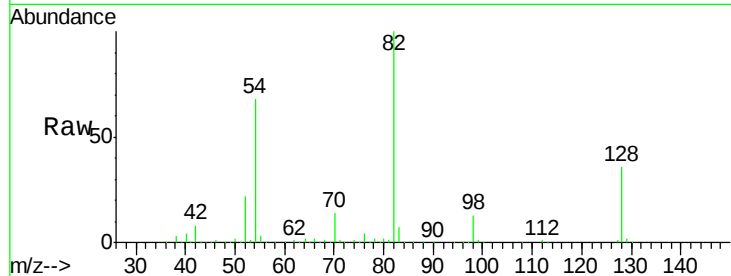
Tgt Ion: 82 Resp: 912396

Ion Ratio Lower Upper

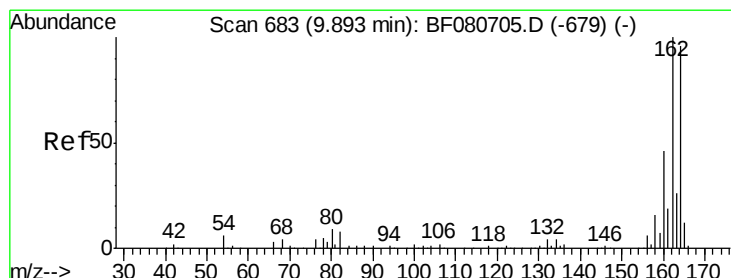
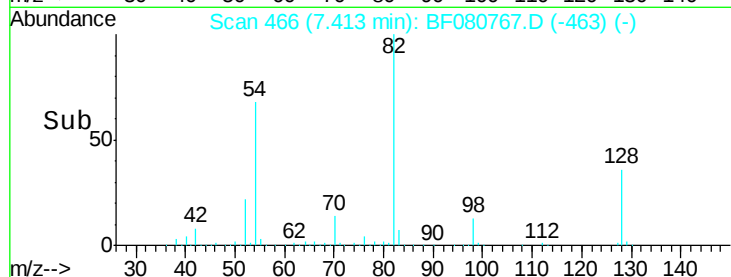
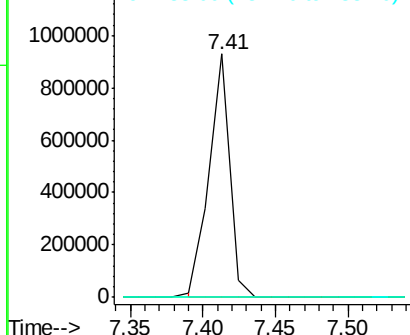
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

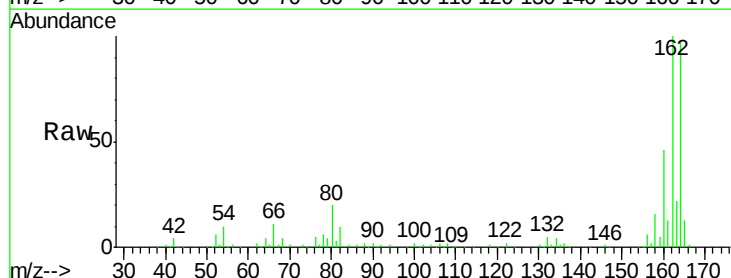
Tgt Ion: 164 Resp: 230072

Ion Ratio Lower Upper

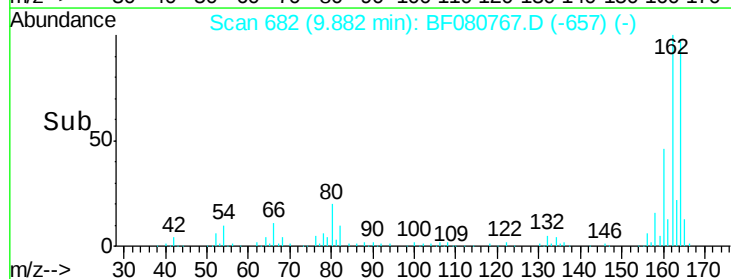
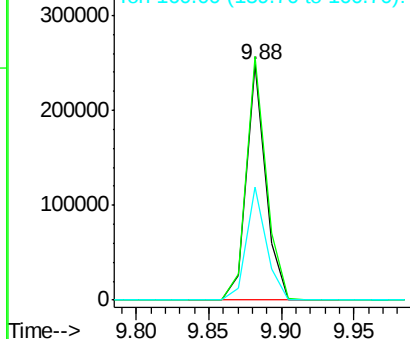
164 100

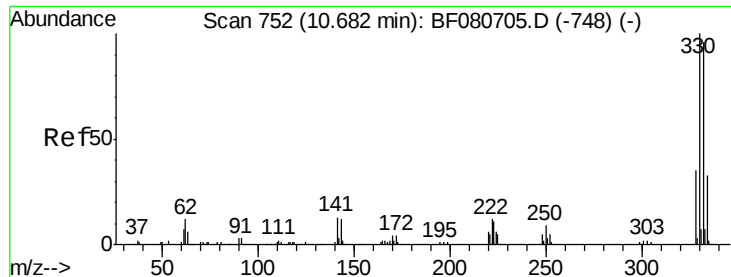
162 103.4 83.4 125.0

160 47.9 38.0 57.0



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

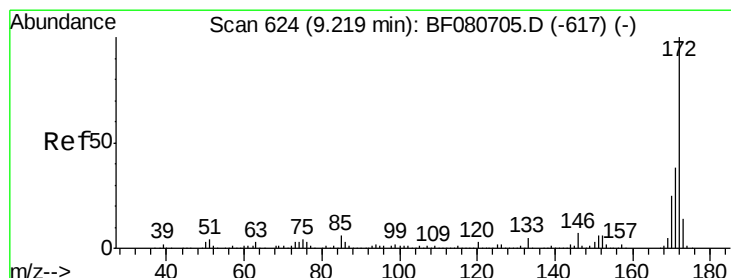
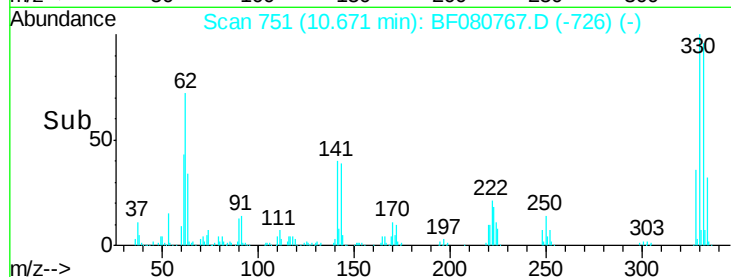
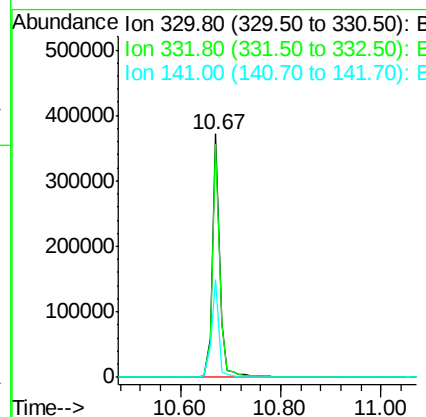
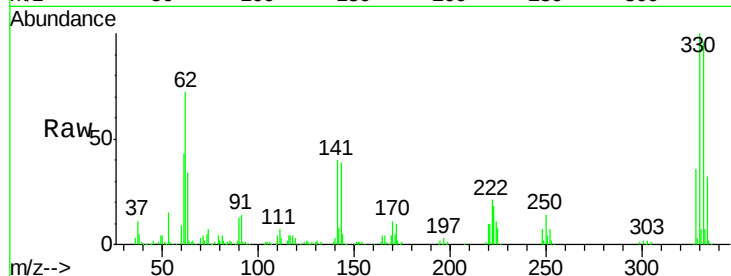




#41
 2,4,6-Tribromophenol
 Concen: 161.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

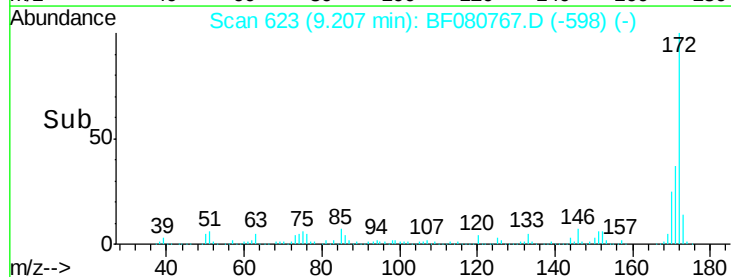
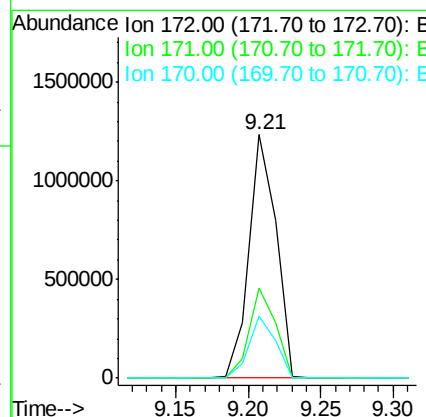
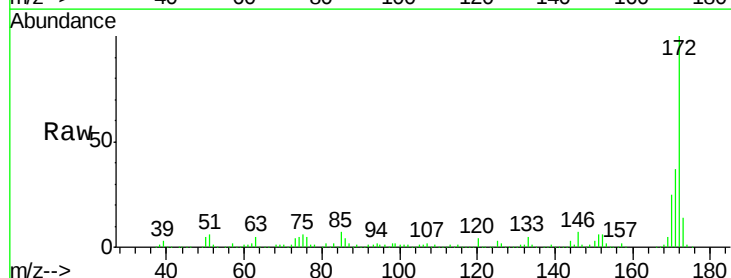
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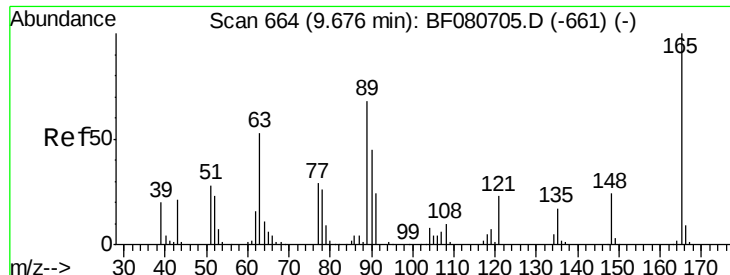
Tgt Ion:330 Resp: 385493
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 39.7 26.0 39.0#



#44
 2-Fluorobiphenyl
 Concen: 103.93 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Tgt Ion:172 Resp: 1602841
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.2 45.4
 170 25.2 20.2 30.2

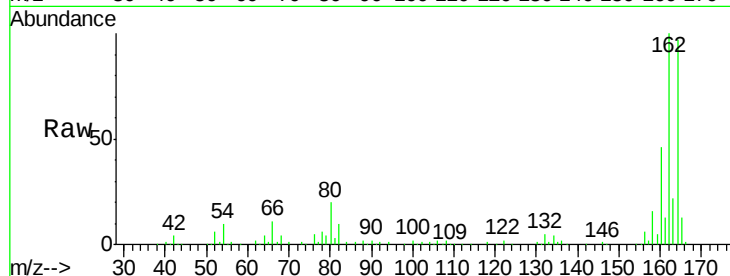




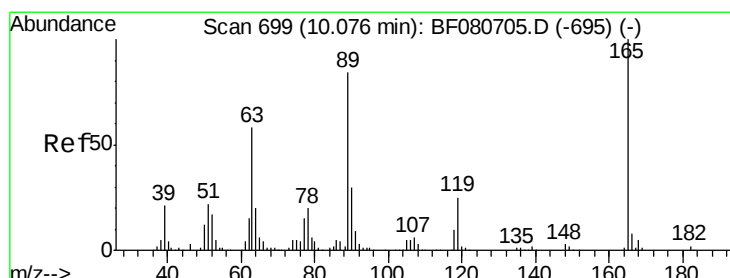
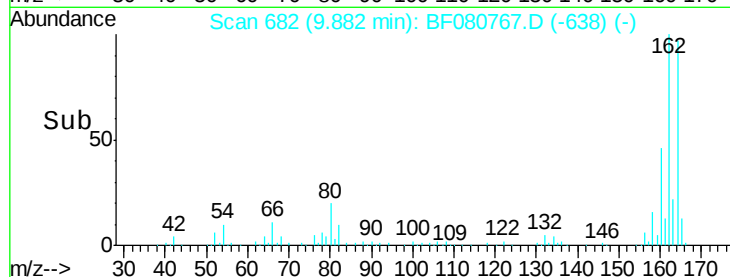
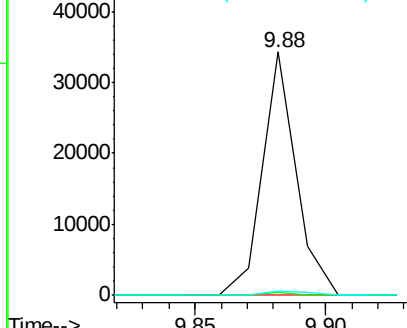
#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	62.3	93.5#
89	1.7	54.8	82.2#



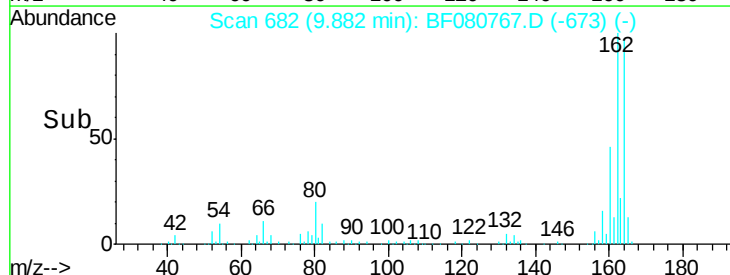
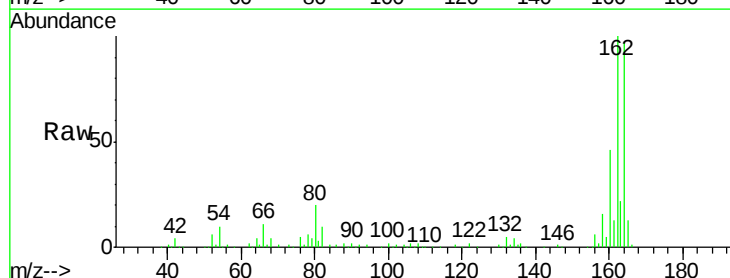
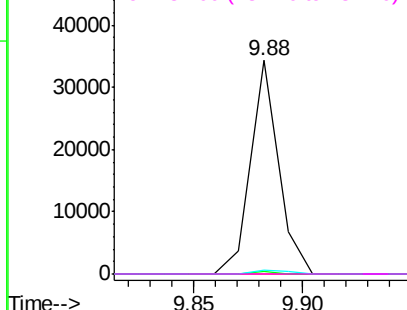
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

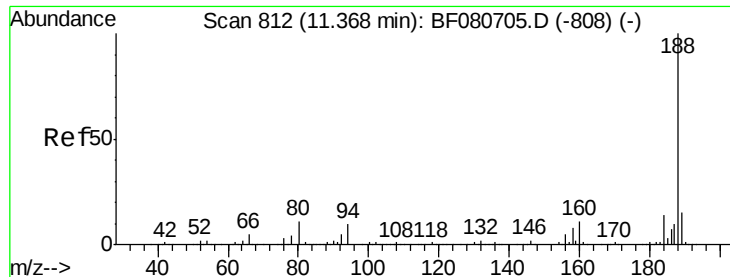


#56
 2,4-Dinitrotoluene
 Concen: 6.83 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080767.D
 Acq: 1 Aug 2015 8:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.7	70.1#
89	1.7	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

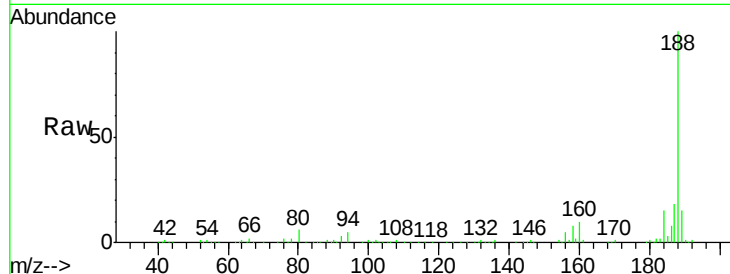




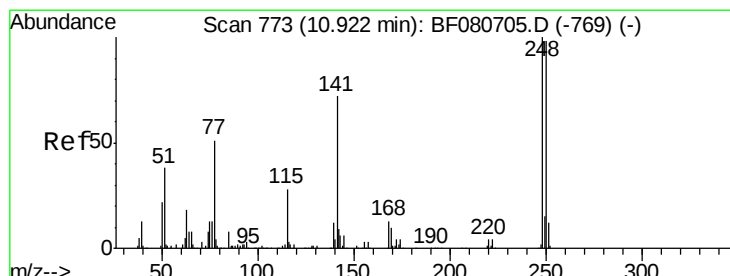
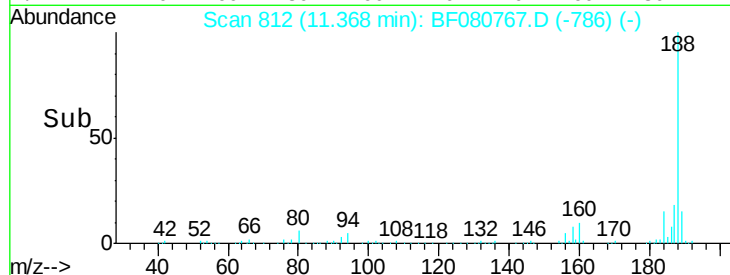
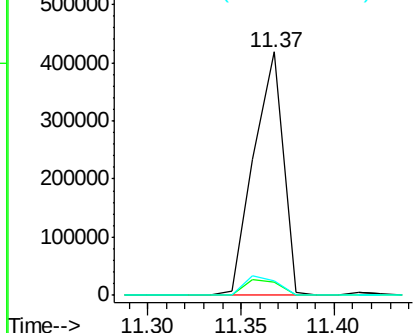
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion:188 Resp: 459388
Ion Ratio Lower Upper
188 100
94 5.3 8.1 12.1#
80 5.8 9.1 13.7#

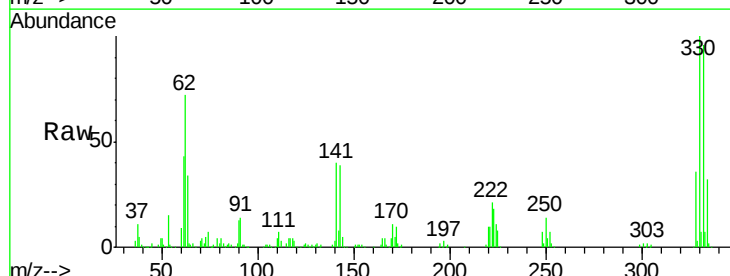


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

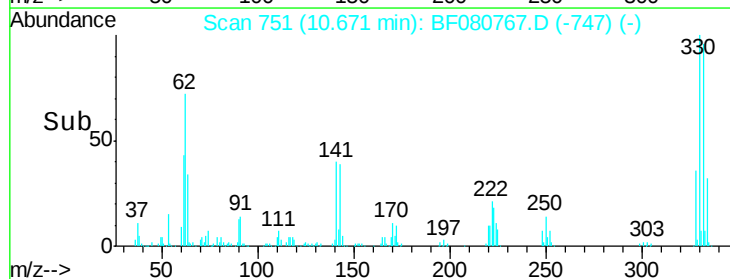
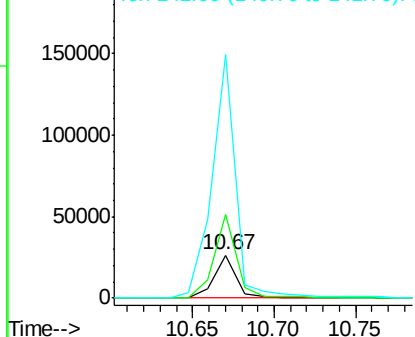


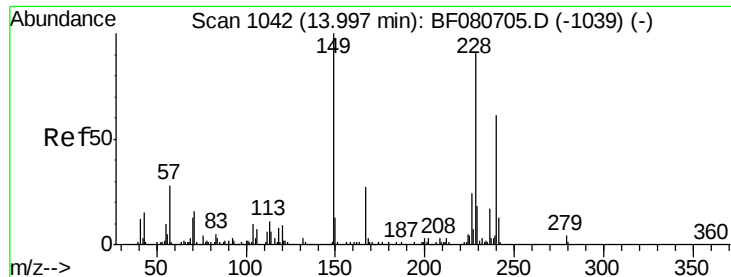
#66
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Tgt Ion:248 Resp: 25327
Ion Ratio Lower Upper
248 100
250 192.3 78.4 117.6#
141 563.7 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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)

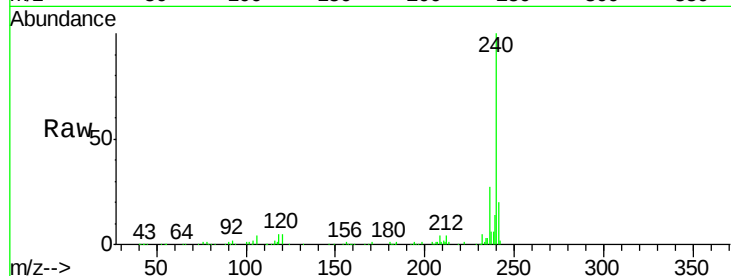
Tgt Ion:240 Resp: 288031

Ion Ratio Lower Upper

240 100

120 5.0 11.8 17.8#

236 27.1 21.8 32.8

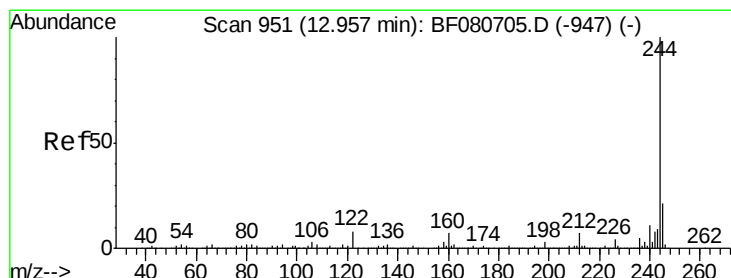
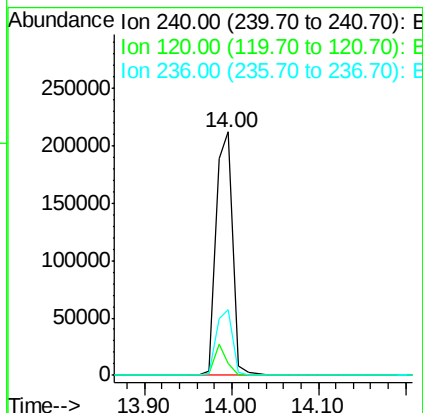
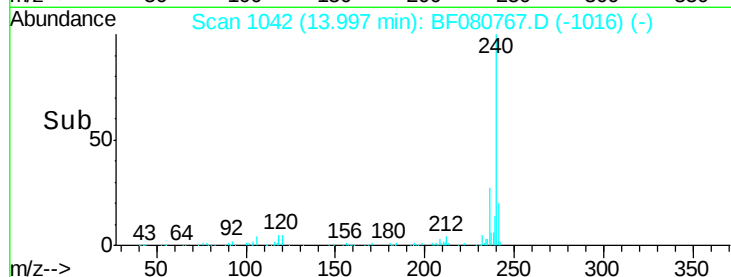


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 112.96 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080767.D

Acq: 1 Aug 2015 8:12

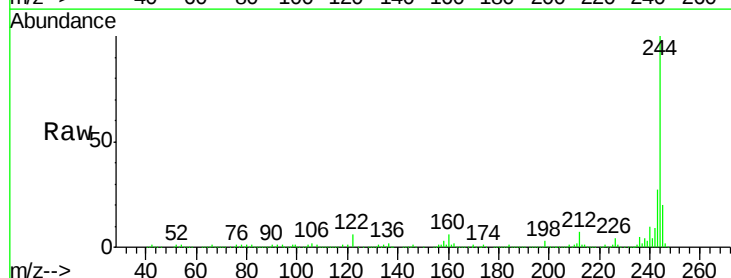
Tgt Ion:244 Resp: 1720340

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 6.1 6.6 9.8#

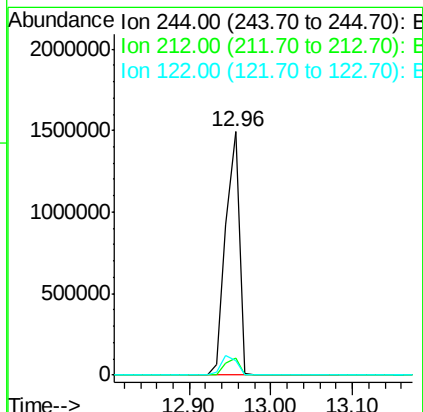
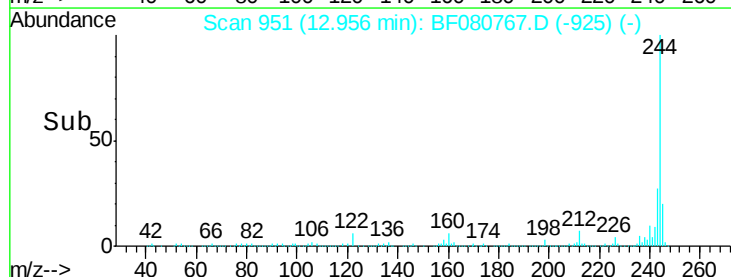


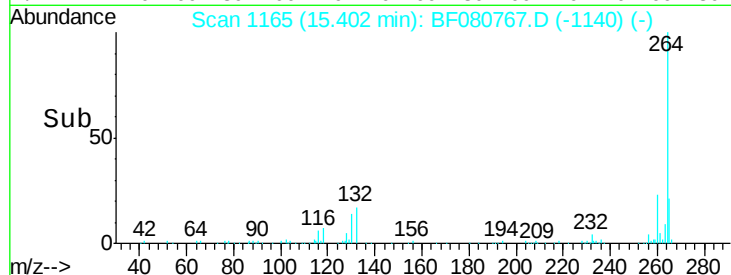
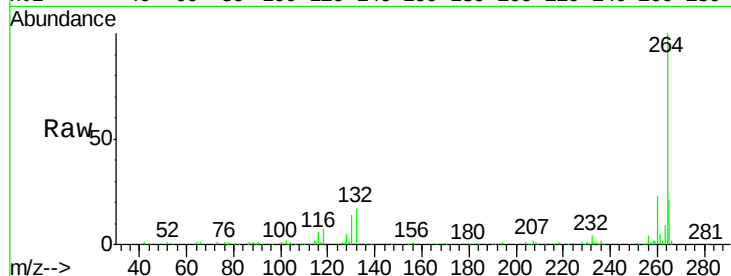
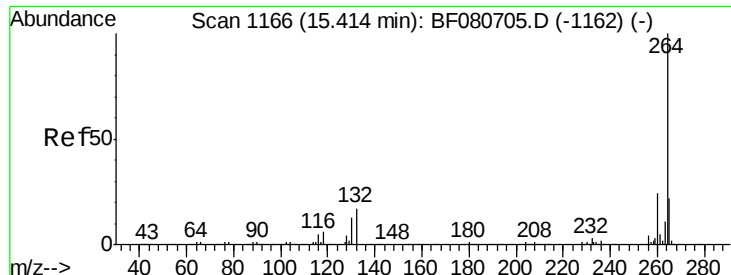
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080767.D
Acq: 1 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion:	264	Resp:	273554
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.4	29.0
265	20.7	17.3	25.9

