

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080768.D
 Acq On : 1 Aug 2015 8:42
 Operator : TP/UM
 Sample : G3121-11
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Quant Time: Aug 03 01:02:56 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

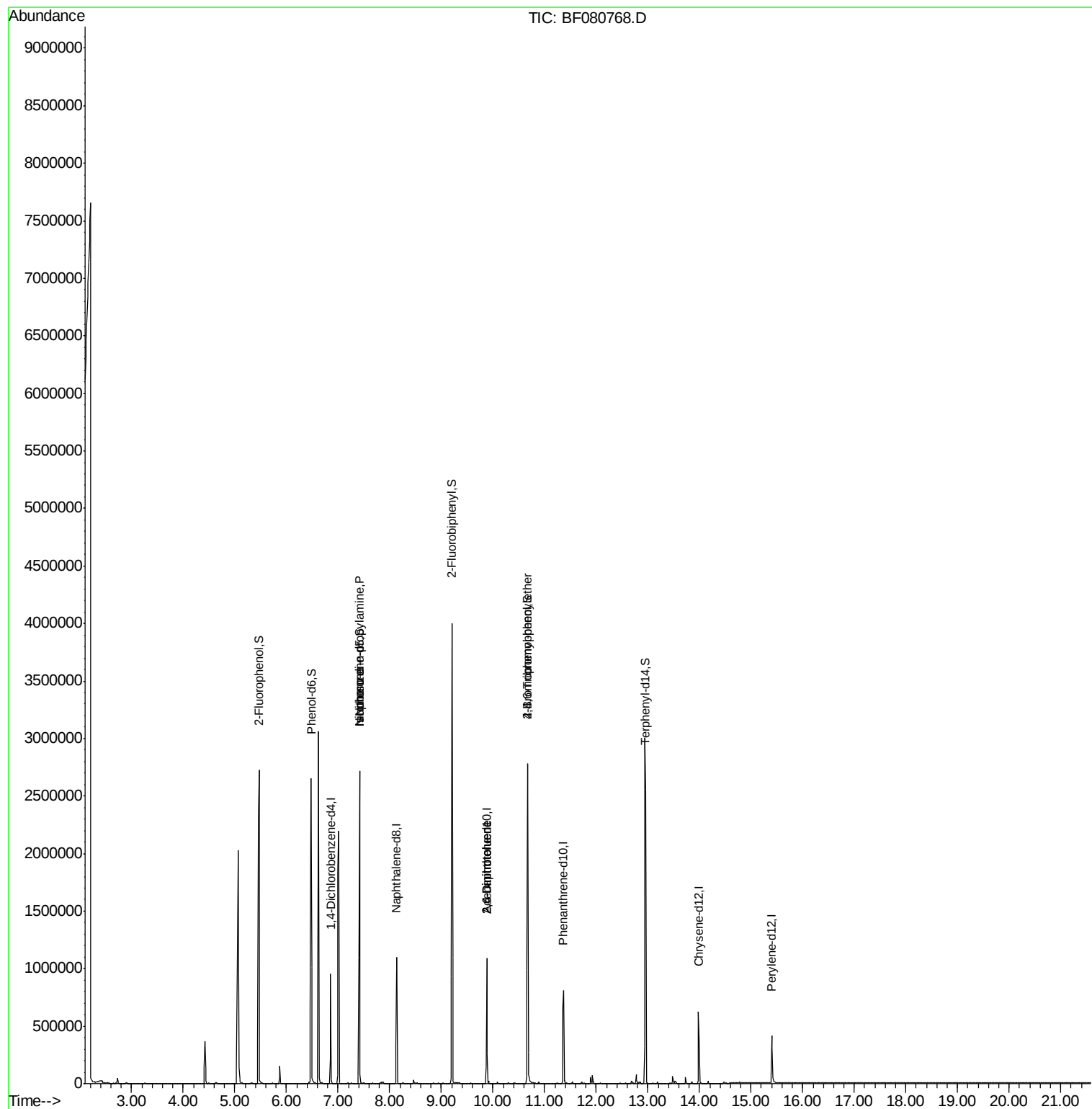
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122570	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	463319	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	210315	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	415162	20.00	ng	0.00
75) Chrysene-d12	13.99	240	261838	20.00	ng	-0.01
86) Perylene-d12	15.40	264	239514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	929865	130.14	ng	0.02
7) Phenol-d6	6.48	99	969377	99.66	ng	-0.01
23) Nitrobenzene-d5	7.41	82	878908	91.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	344655	157.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1361502	96.58	ng	-0.01
78) Terphenyl-d14	12.96	244	1383334	99.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1462	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	124402	18.99	ng	# 74
25) Isophorone	7.41	82	865295	50.86	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	27334	8.69	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	27335	6.63	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	21571	5.03	ng	# 1

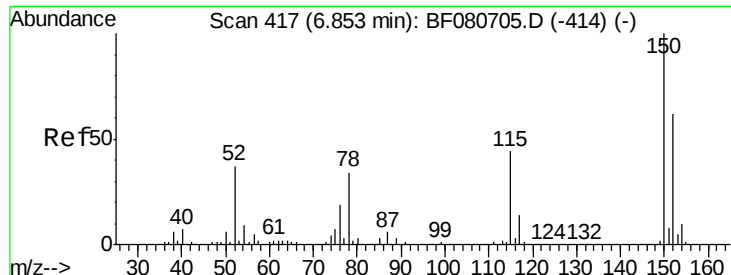
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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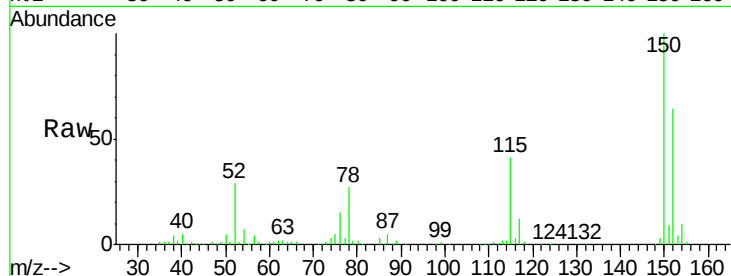


#1

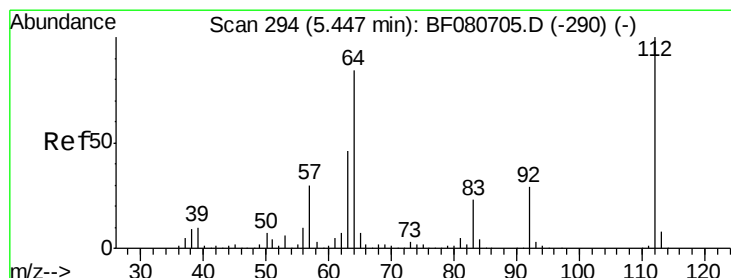
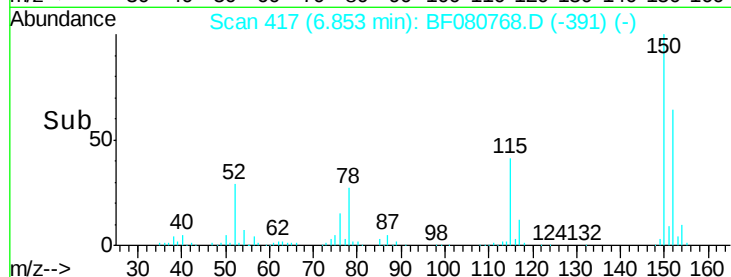
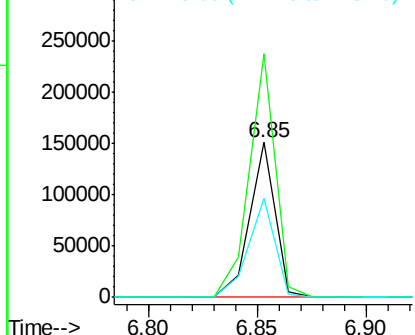
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-3(0-19FTBGS)

Tgt Ion:152 Resp: 122570
Ion Ratio Lower Upper
152 100
150 157.1 129.6 194.4
115 63.7 56.6 85.0



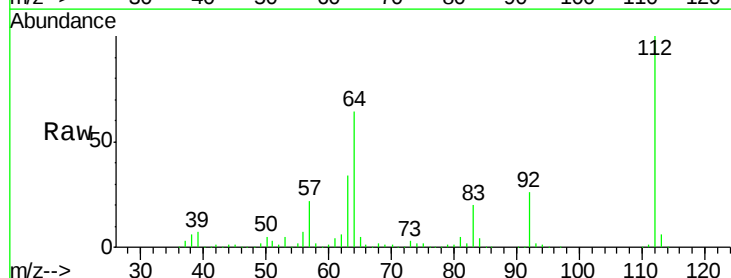
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



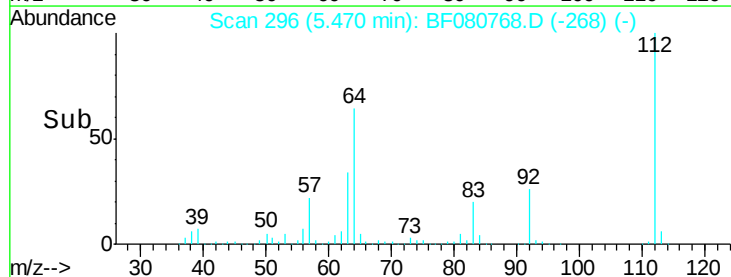
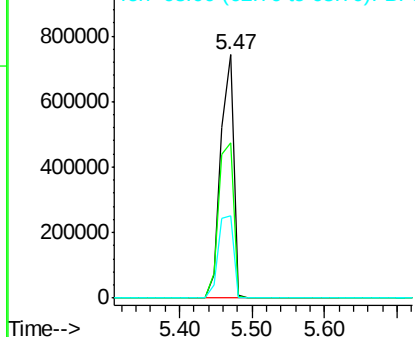
#5

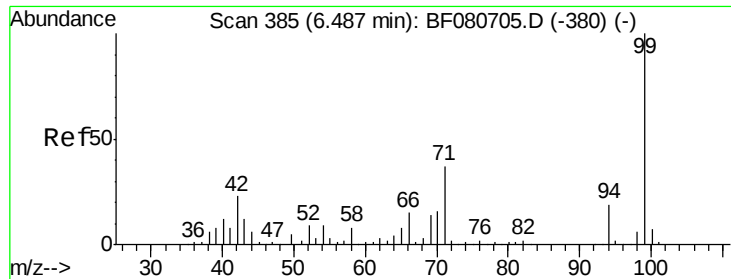
2-Fluorophenol
Concen: 130.14 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Tgt Ion:112 Resp: 929865
Ion Ratio Lower Upper
112 100
64 64.0 66.8 100.2#
63 34.1 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: 99.66 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

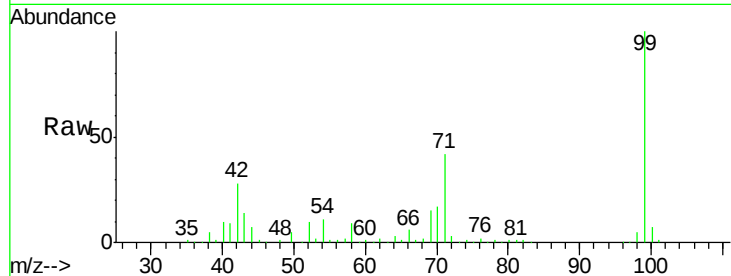
Tgt Ion: 99 Resp: 969377

Ion Ratio Lower Upper

99 100

42 27.5 18.2 27.2#

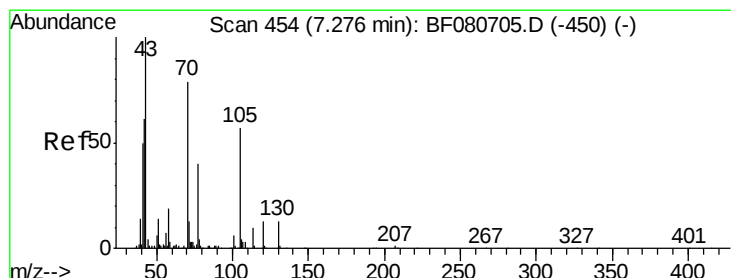
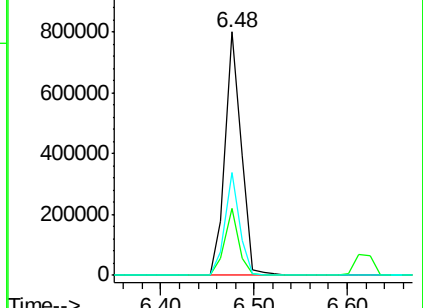
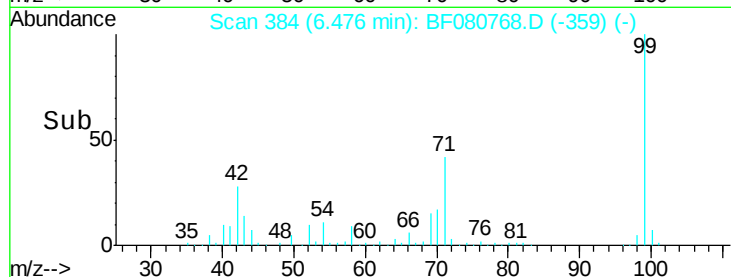
71 42.2 29.5 44.3



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: 18.99 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

Tgt Ion: 70 Resp: 124402

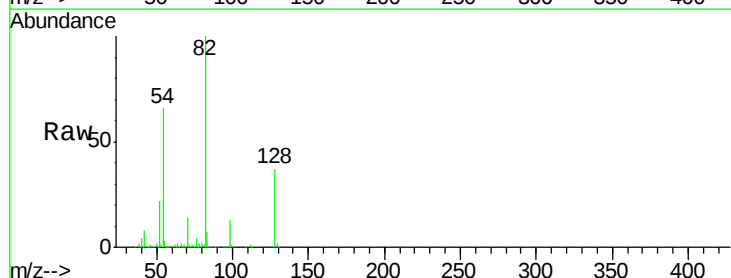
Ion Ratio Lower Upper

70 100

42 56.1 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

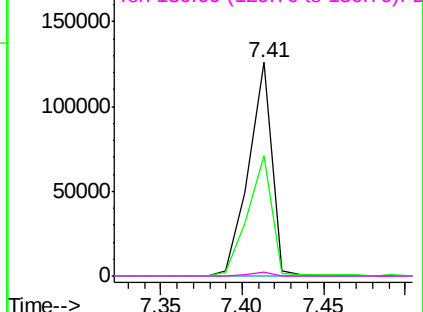
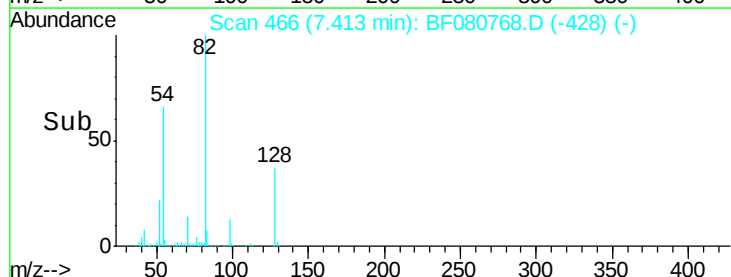


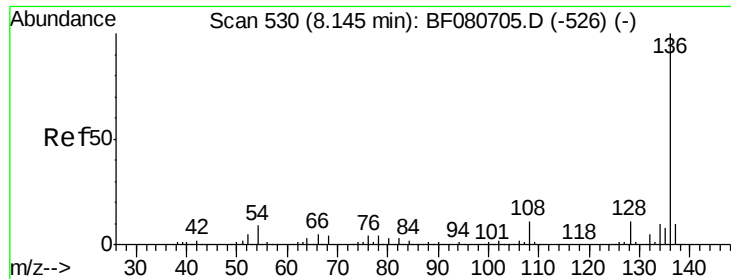
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

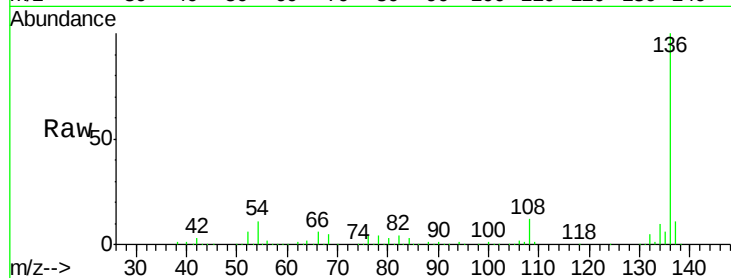




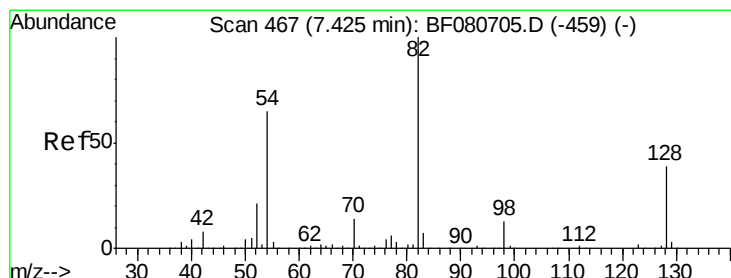
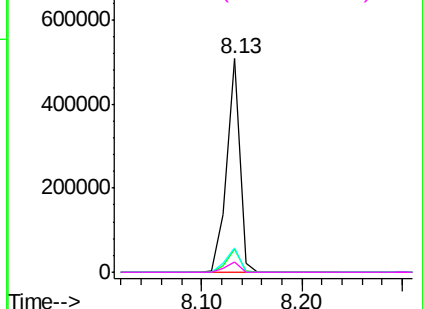
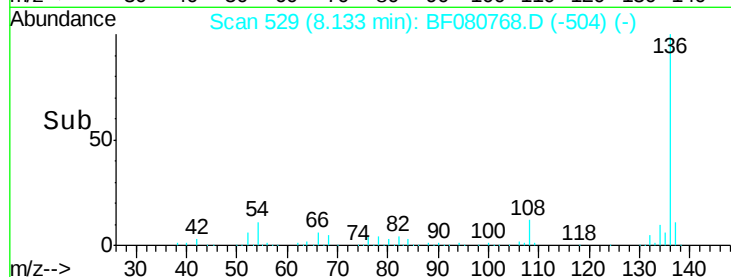
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-3(0-19FTBGS)

Tgt Ion:	136	Resp:	463319
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	11.1	6.9	10.3
68	5.1	3.5	5.3

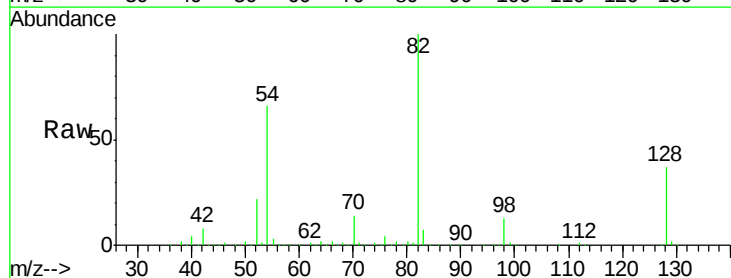


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

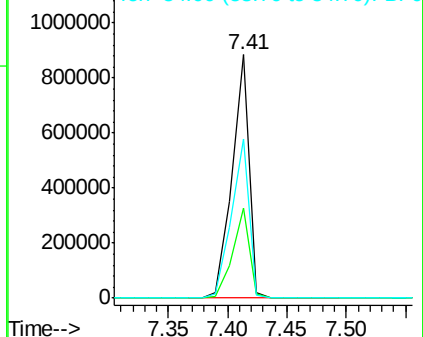
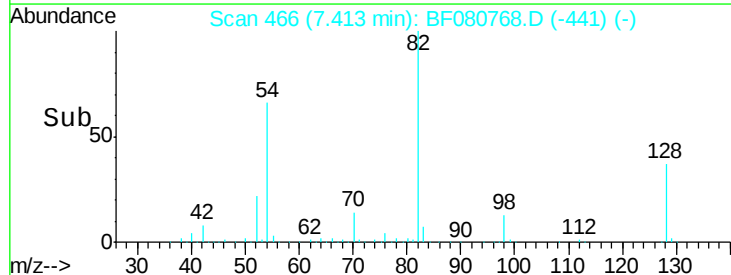


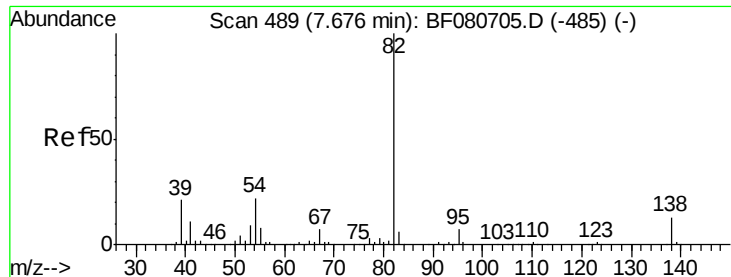
#23
Nitrobenzene-d5
Concen: 91.86 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080768.D
Acq: 1 Aug 2015 8:42

Tgt Ion:	82	Resp:	878908
Ion Ratio	Lower	Upper	
82	100		
128	36.9	31.5	47.3
54	65.5	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: 50.86 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

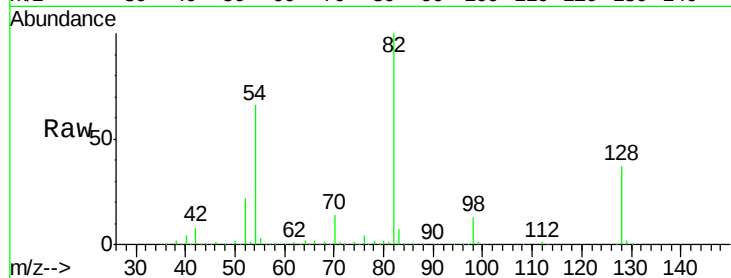
Tgt Ion: 82 Resp: 865295

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#

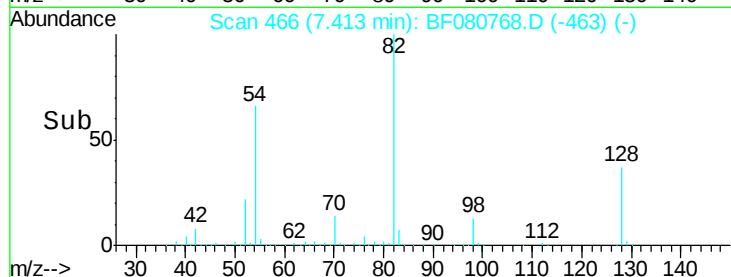


Abundance Ion 82.00 (81.70 to 82.70): BF080705.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BF080705.D (-485) (-)

Ion 138.00 (137.70 to 138.70): BF080705.D (-485) (-)

Time-->



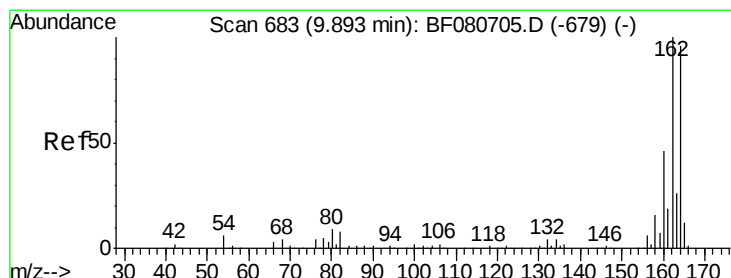
Abundance

Ion 82.00 (81.70 to 82.70): BF080705.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BF080705.D (-485) (-)

Ion 138.00 (137.70 to 138.70): BF080705.D (-485) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

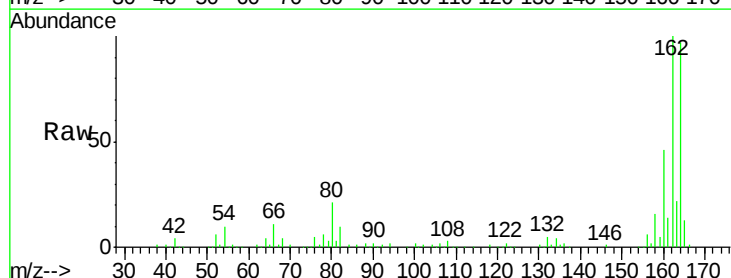
Tgt Ion: 164 Resp: 210315

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

160 47.6 38.0 57.0

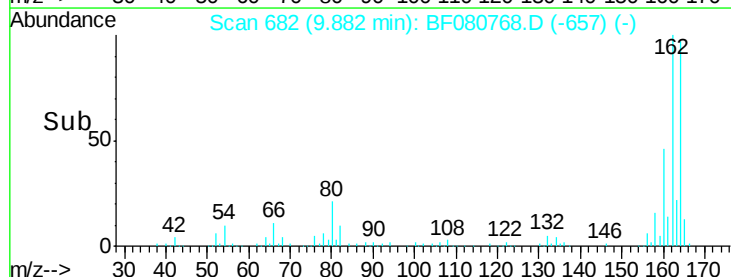


Abundance Ion 164.00 (163.70 to 164.70): BF080705.D (-679) (-)

Ion 162.00 (161.70 to 162.70): BF080705.D (-679) (-)

Ion 160.00 (159.70 to 160.70): BF080705.D (-679) (-)

Time-->



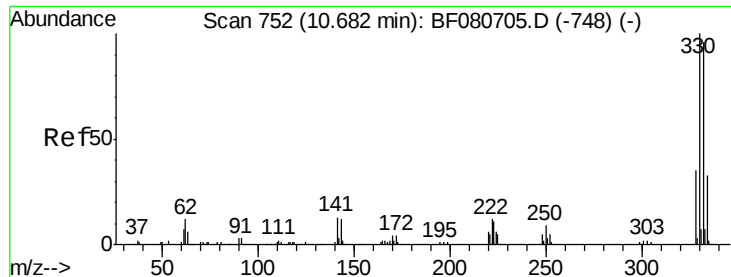
Abundance

Ion 164.00 (163.70 to 164.70): BF080705.D (-679) (-)

Ion 162.00 (161.70 to 162.70): BF080705.D (-679) (-)

Ion 160.00 (159.70 to 160.70): BF080705.D (-679) (-)

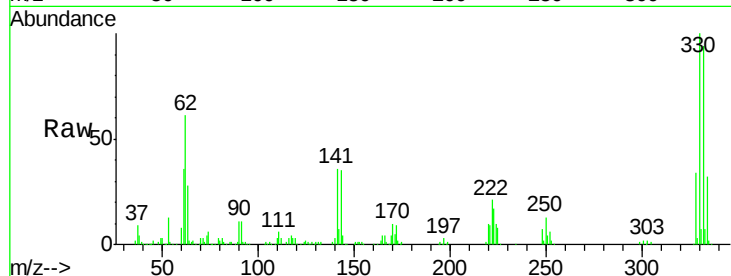
Time-->



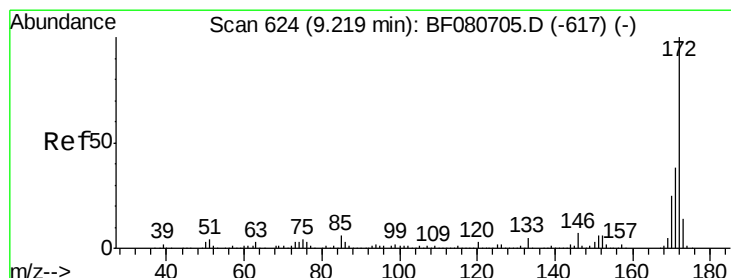
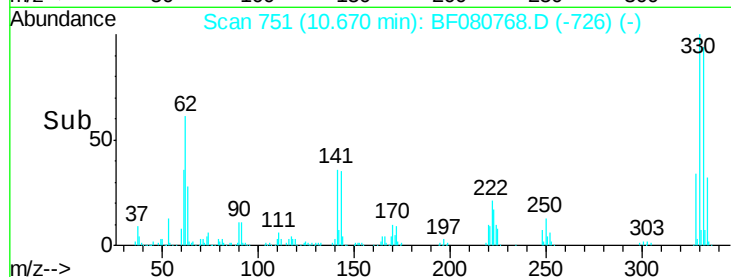
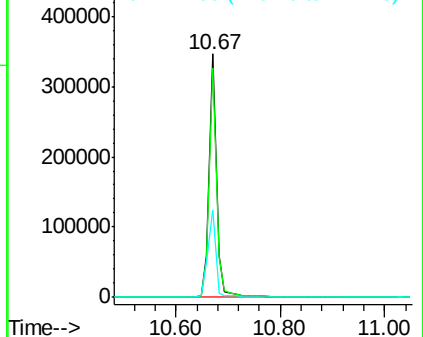
#41
 2,4,6-Tribromophenol
 Concen: 157.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Tgt Ion:330 Resp: 344655
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 38.5 26.0 39.0

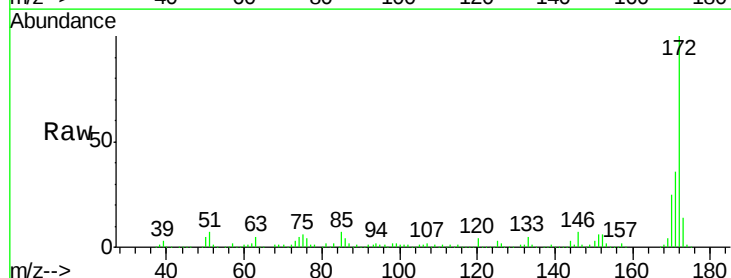


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

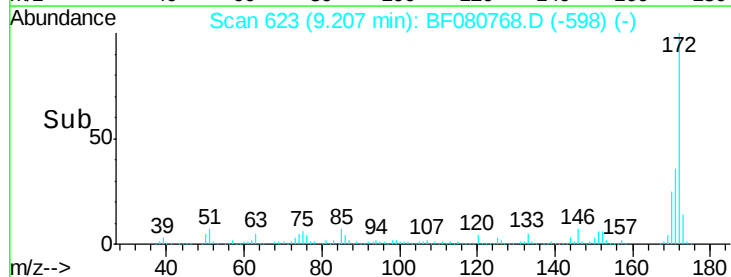
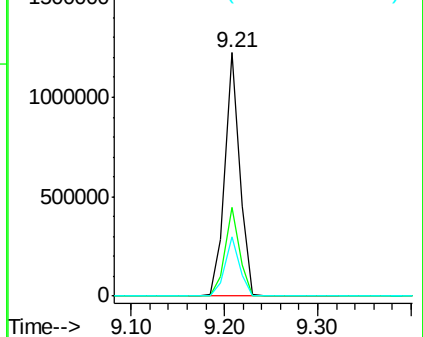


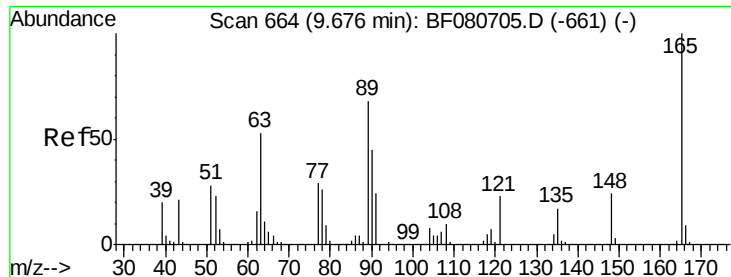
#44
 2-Fluorobiphenyl
 Concen: 96.58 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Tgt Ion:172 Resp: 1361502
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.6 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

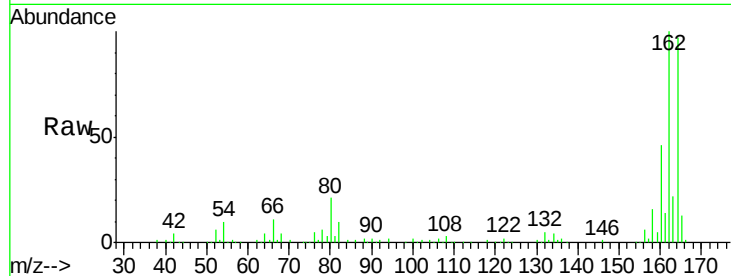




#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

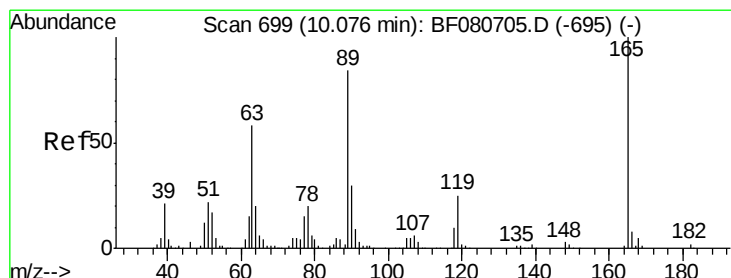
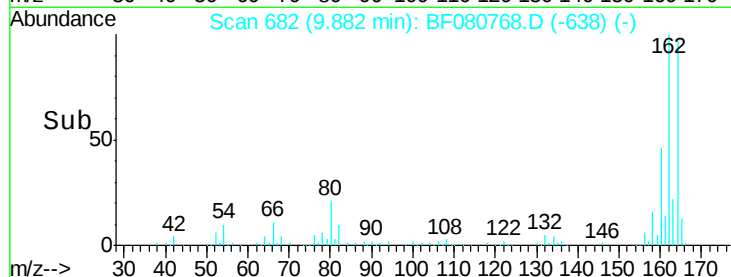
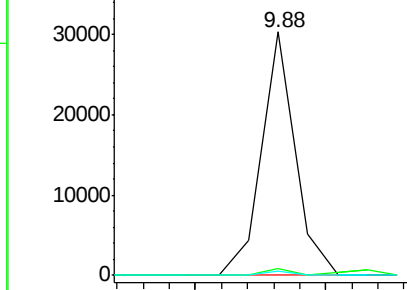
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	62.3	93.5#
89	1.8	54.8	82.2#



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: 6.63 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

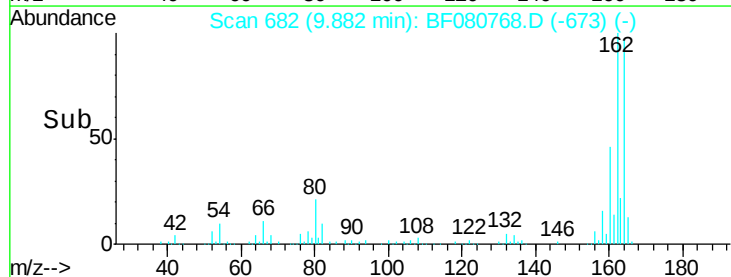
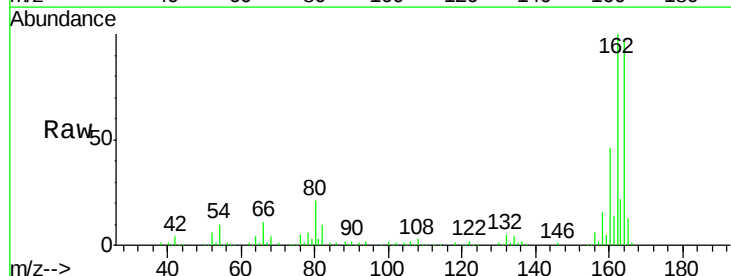
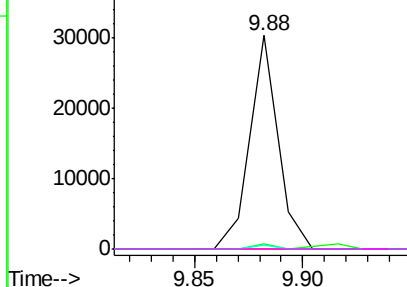
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	46.7	70.1#
89	1.8	67.4	101.2#
182	0.0	1.8	2.6#

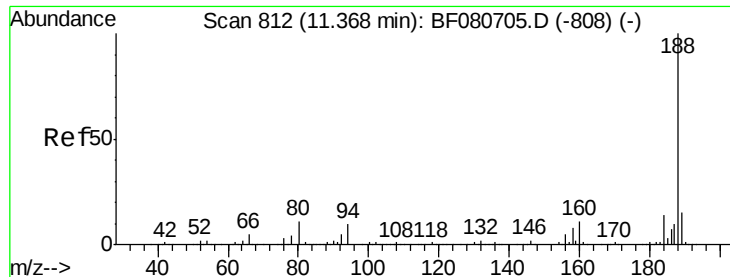
Abundance Ion 165.00 (164.70 to 165.70): E

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

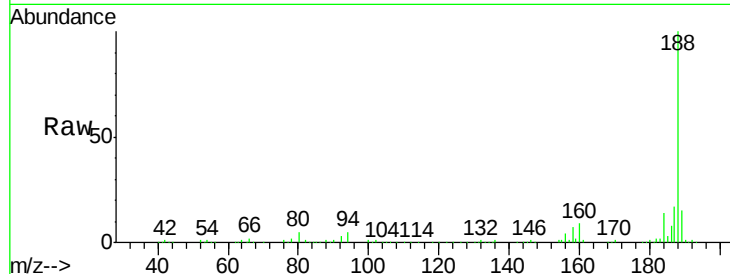




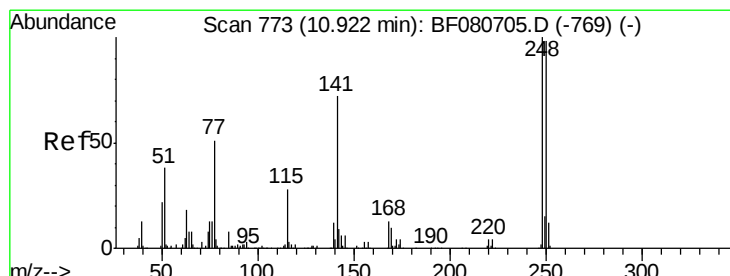
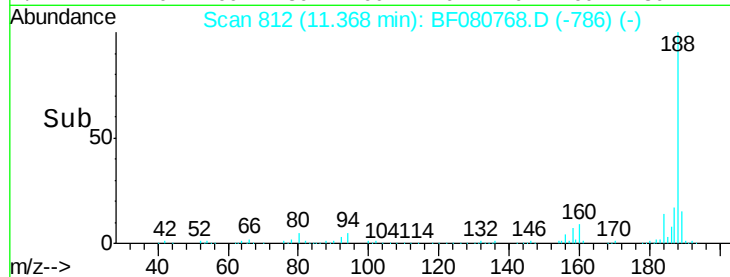
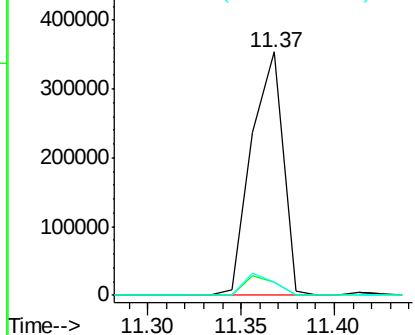
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Tgt Ion:188 Resp: 415162
 Ion Ratio Lower Upper
 188 100
 94 5.4 8.1 12.1#
 80 5.4 9.1 13.7#

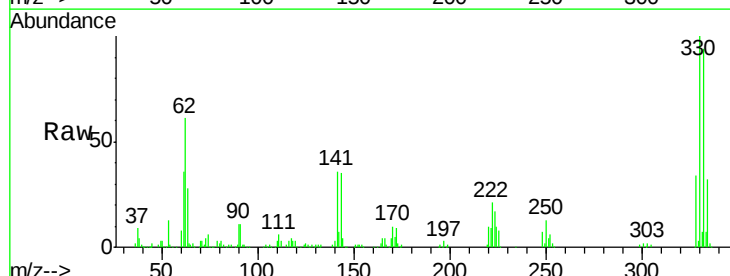


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

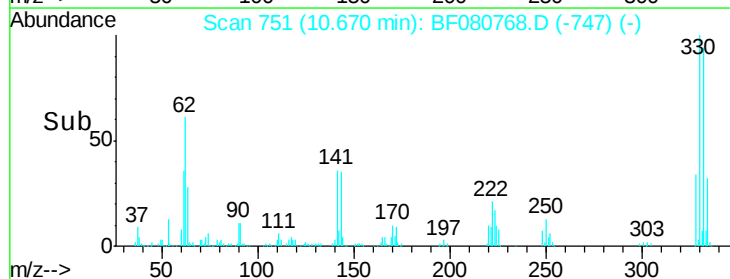
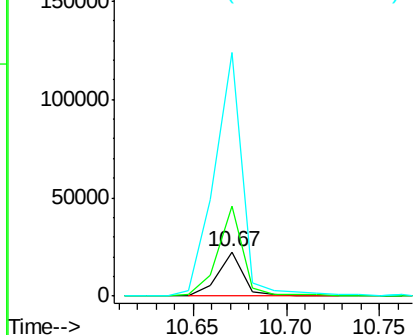


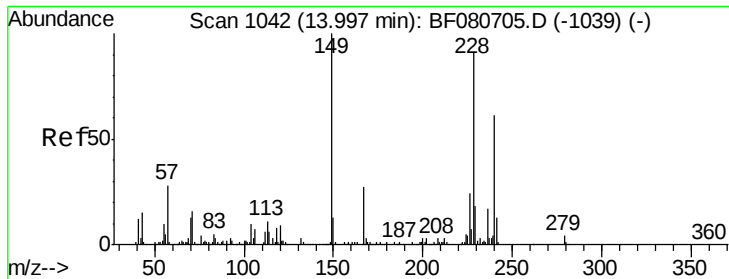
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080768.D
 Acq: 1 Aug 2015 8:42

Tgt Ion:248 Resp: 21571
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.4 117.6#
 141 546.6 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: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

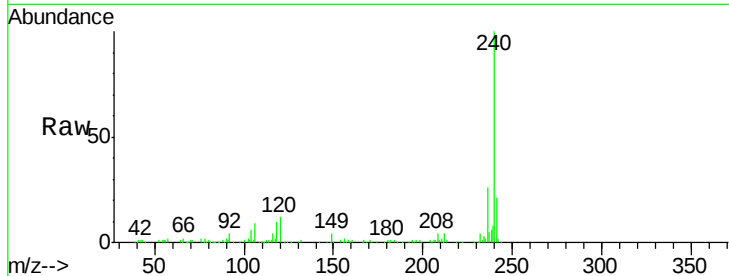
Tgt Ion:240 Resp: 261838

Ion Ratio Lower Upper

240 100

120 11.6 11.8 17.8#

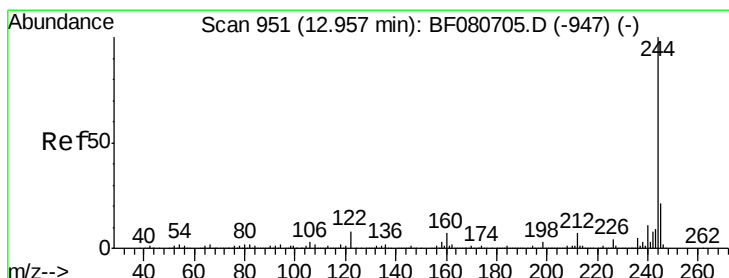
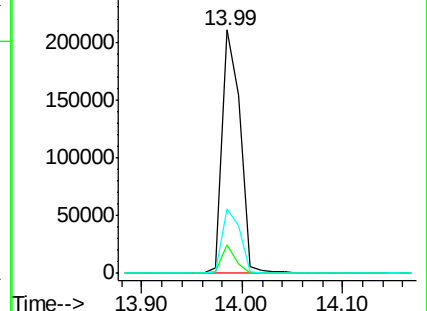
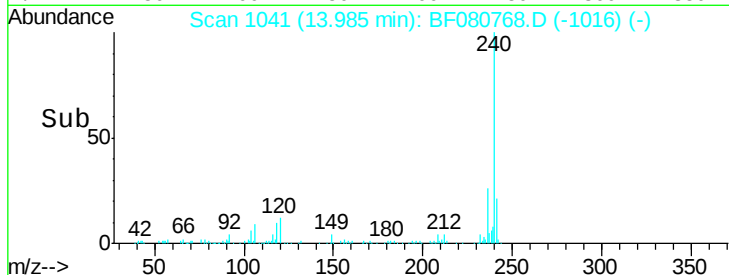
236 26.4 21.8 32.8



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: 99.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080768.D

Acq: 1 Aug 2015 8:42

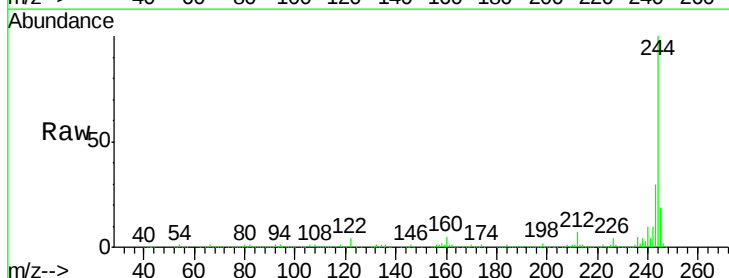
Tgt Ion:244 Resp: 1383334

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

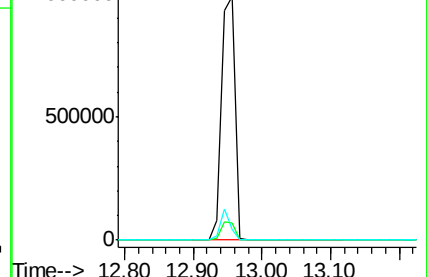
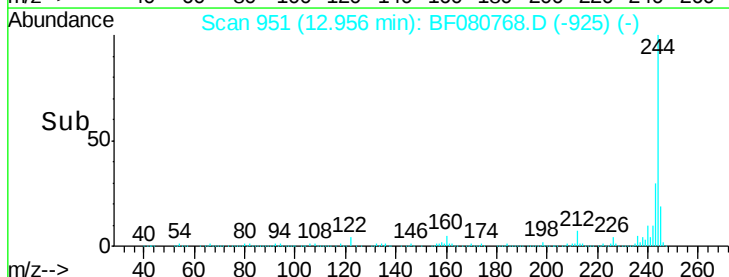
122 4.5 6.6 9.8#

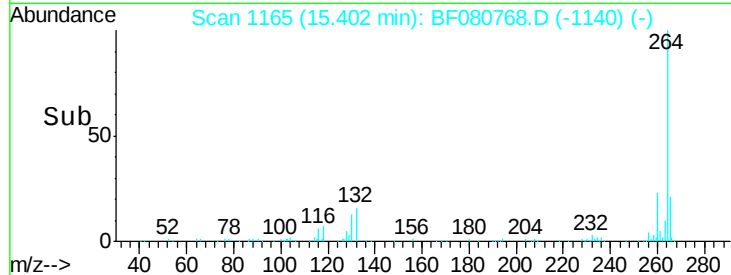
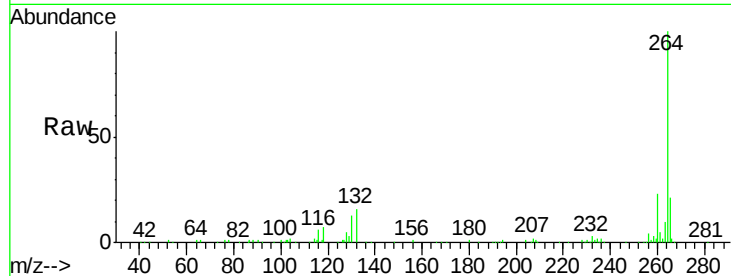
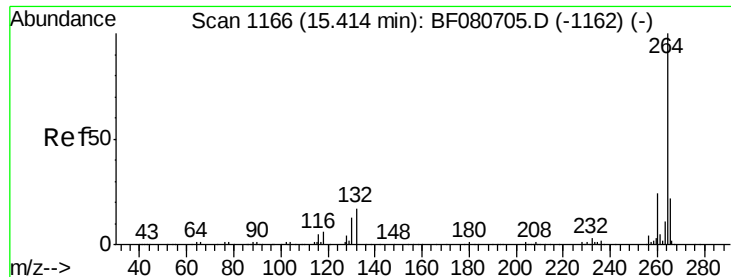


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080768.D

Acq: 1 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

Tgt Ion:264 Resp: 239514

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.3 17.3 25.9

