

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080039.D
 Acq On : 17 Jun 2015 23:25
 Operator : TP/IZ
 Sample : G2651-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001

Quant Time: Jun 18 01:01:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

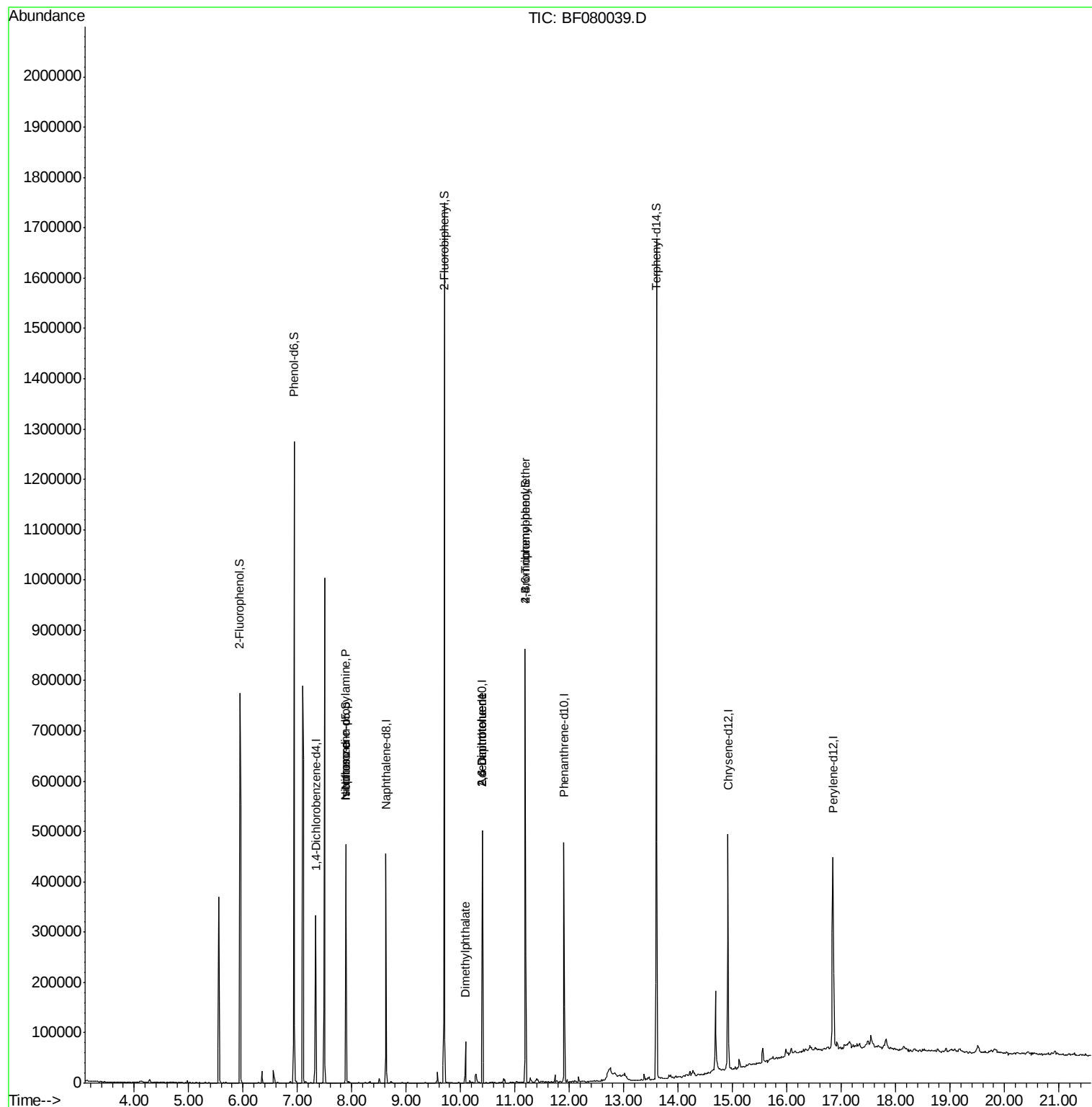
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	45443	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	179077	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	90420	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	175357	20.00	ng	-0.01
75) Chrysene-d12	14.92	240	205870	20.00	ng	0.06
86) Perylene-d12	16.85	264	212641	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	264953	103.21	ng	0.00
7) Phenol-d6	6.94	99	365443	106.98	ng	0.00
23) Nitrobenzene-d5	7.89	82	195846	63.67	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	92411	104.52	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	462099	72.88	ng	0.00
78) Terphenyl-d14	13.60	244	565066	64.10	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	24679	10.41	ng	# 67
25) Isophorone	7.89	82	194832	31.47	ng	# 58
49) Dimethylphthalate	10.09	163	33135	4.87	ng	# 94
50) 2,6-Dinitrotoluene	10.40	165	11608	8.52	ng	# 37
56) 2,4-Dinitrotoluene	10.40	165	11606	6.71	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	6429	3.45	ng	# 1

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

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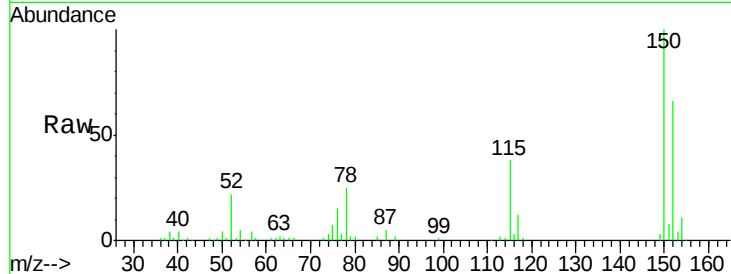


#1

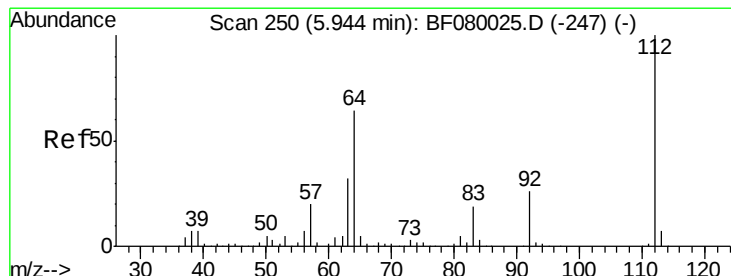
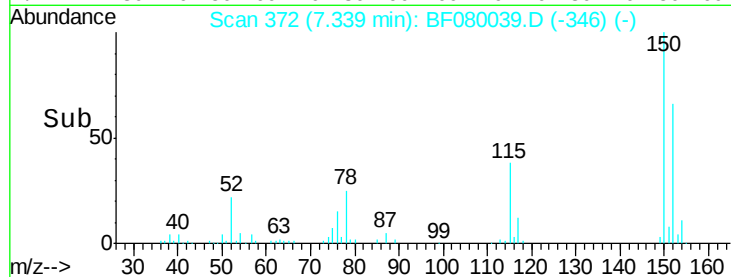
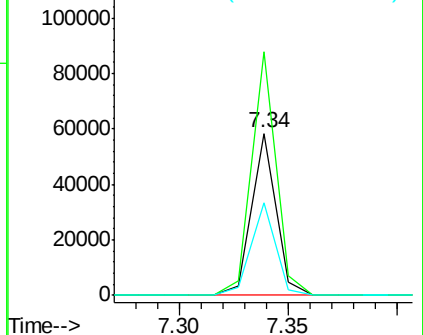
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080039.D
Acq: 17 Jun 2015 23:25

Instrument :
BNA_F
ClientSampleId :
NC-HC-001

Tgt Ion:152 Resp: 45443
Ion Ratio Lower Upper
152 100
150 150.6 124.7 187.1
115 56.9 39.0 58.4



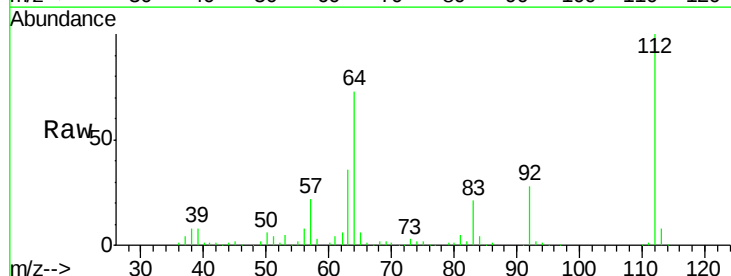
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



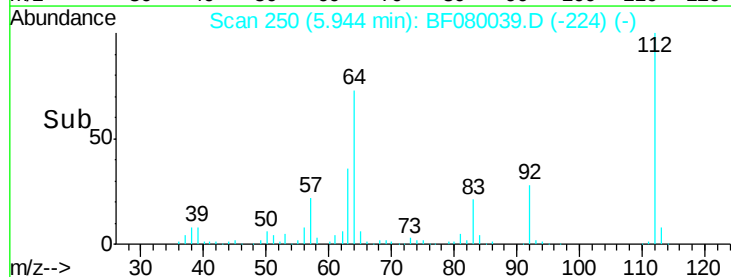
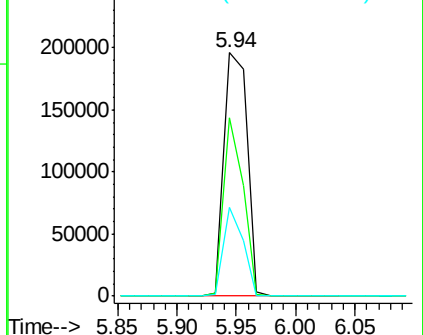
#5

2-Fluorophenol
Concen: 103.21 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080039.D
Acq: 17 Jun 2015 23:25

Tgt Ion:112 Resp: 264953
Ion Ratio Lower Upper
112 100
64 73.3 39.7 59.5#
63 36.2 17.4 26.0#



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: 106.98 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

Instrument :

BNA_F

ClientSampleId :

NC-HC-001

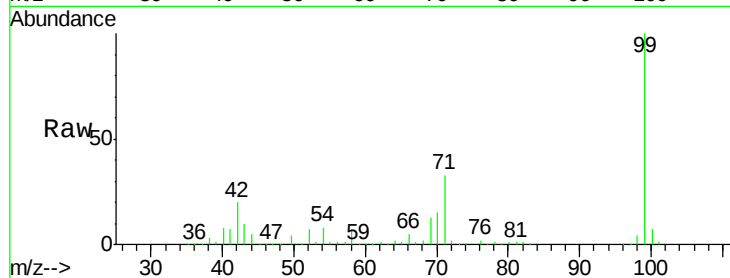
Tgt Ion: 99 Resp: 365443

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

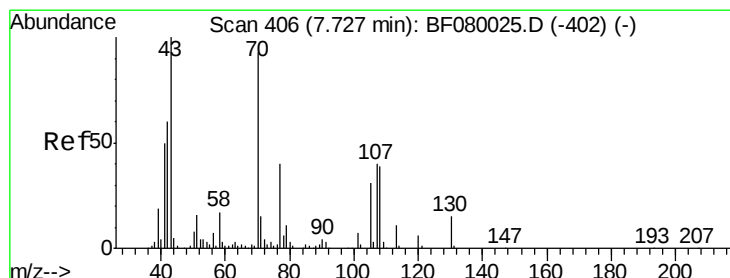
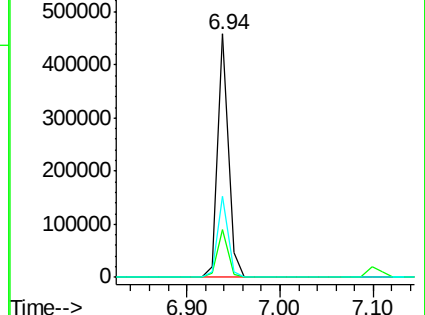
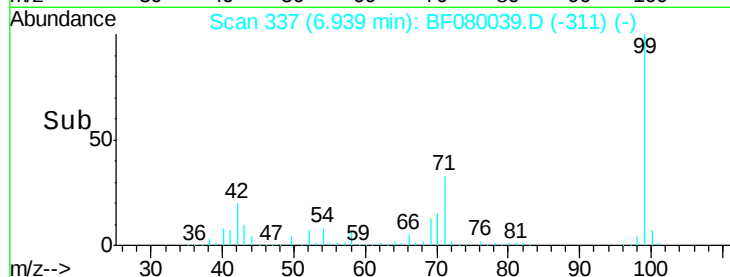
71 33.1 14.2 21.2#



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: 10.41 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

Tgt Ion: 70 Resp: 24679

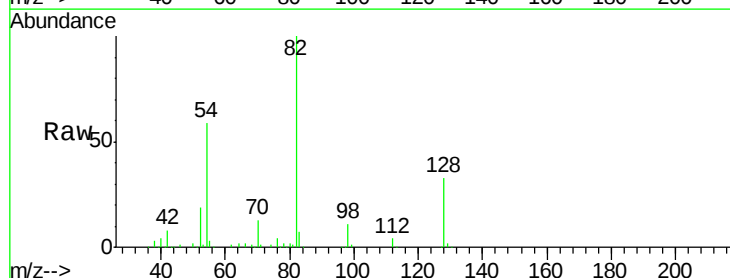
Ion Ratio Lower Upper

70 100

42 58.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

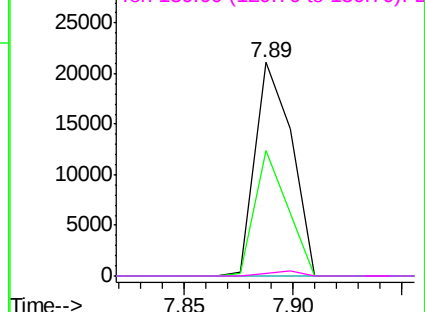
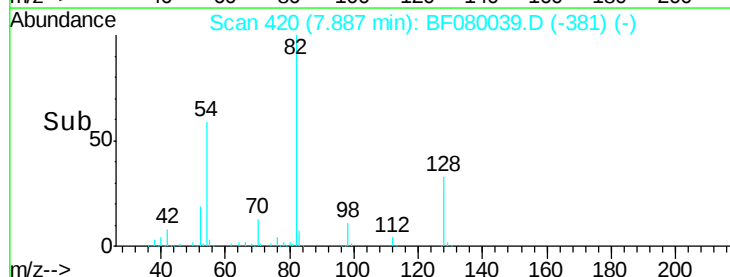


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

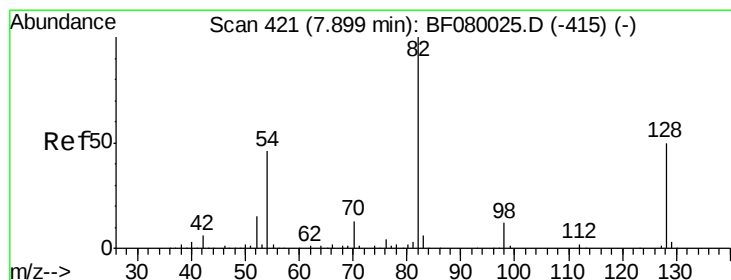
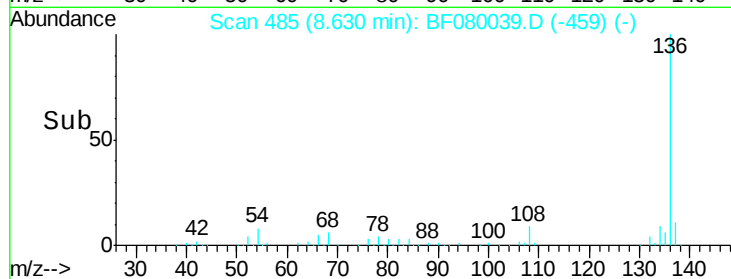
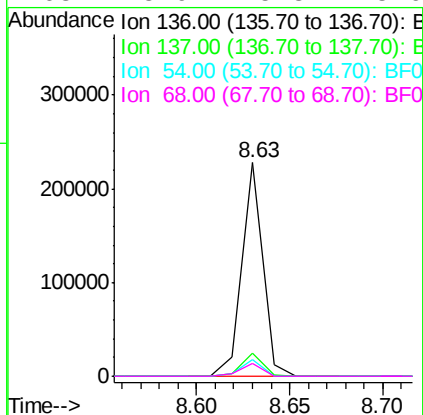
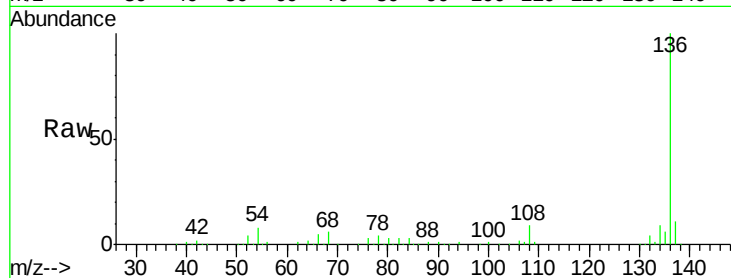




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080039.D
Acq: 17 Jun 2015 23:25

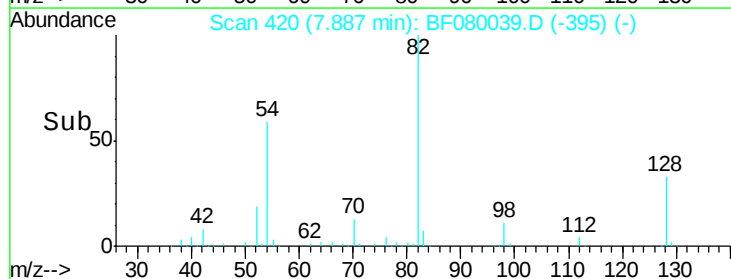
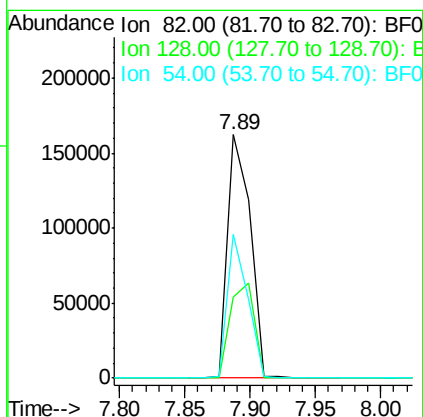
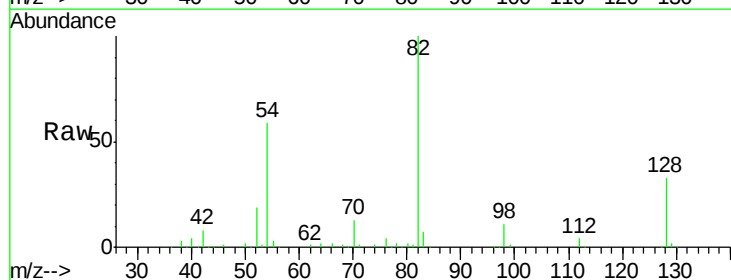
Instrument :
BNA_F
ClientSampleId :
NC-HC-001

Tgt Ion:	136	Resp:	179077
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.8	8.2	12.2#
68	5.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 63.67 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080039.D
Acq: 17 Jun 2015 23:25

Tgt Ion:	82	Resp:	195846
Ion	Ratio	Lower	Upper
82	100		
128	33.1	51.0	76.6#
54	59.1	47.5	71.3





#25

Isophorone

Concen: 31.47 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

Instrument :

BNA_F

ClientSampleId :

NC-HC-001

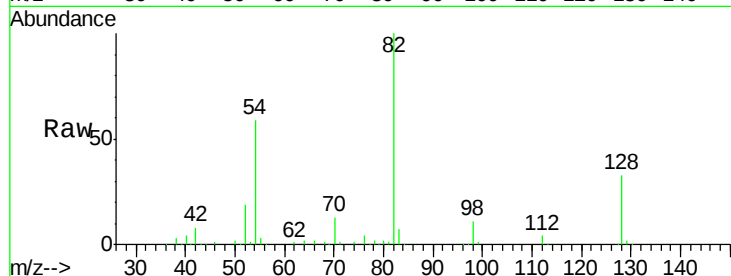
Tgt Ion: 82 Resp: 194832

Ion Ratio Lower Upper

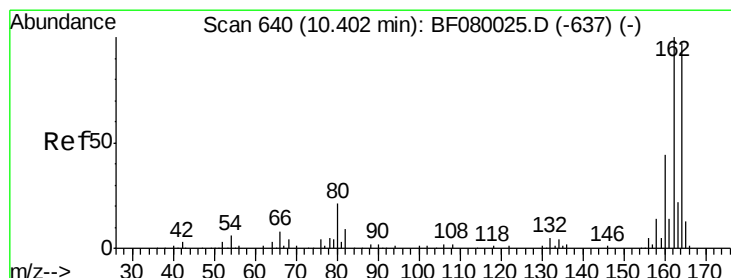
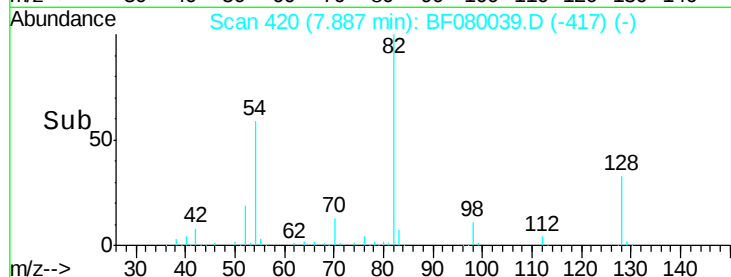
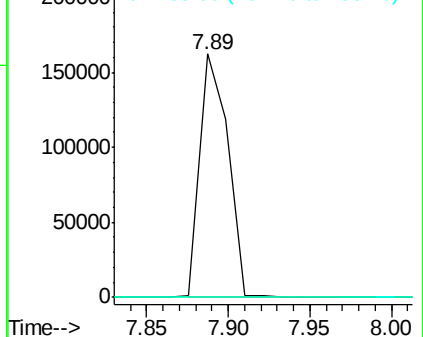
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

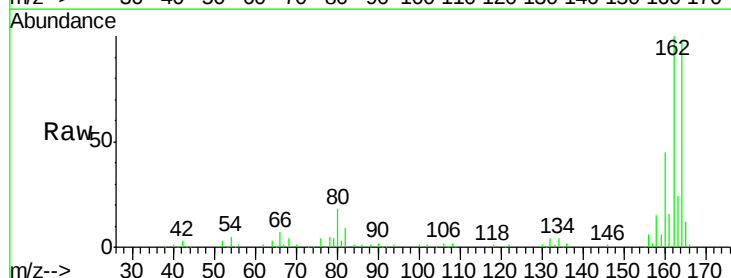
Tgt Ion: 164 Resp: 90420

Ion Ratio Lower Upper

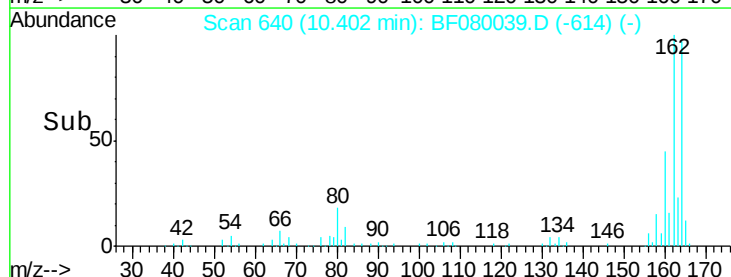
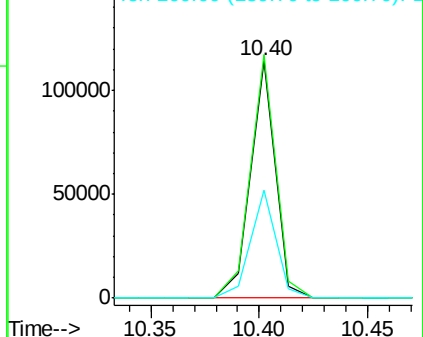
164 100

162 102.6 75.2 112.8

160 45.7 31.5 47.3



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

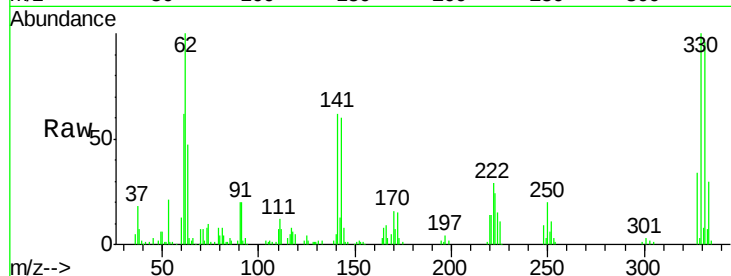




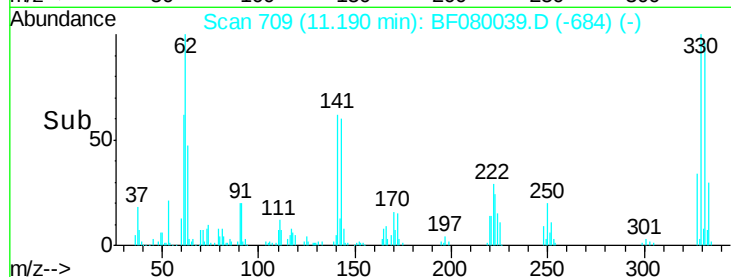
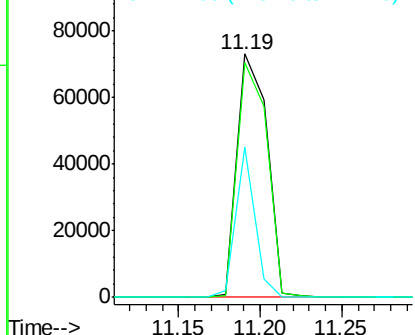
#41
 2,4,6-Tribromophenol
 Concen: 104.52 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001

Tgt Ion:330 Resp: 92411
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 39.0 29.7 44.5

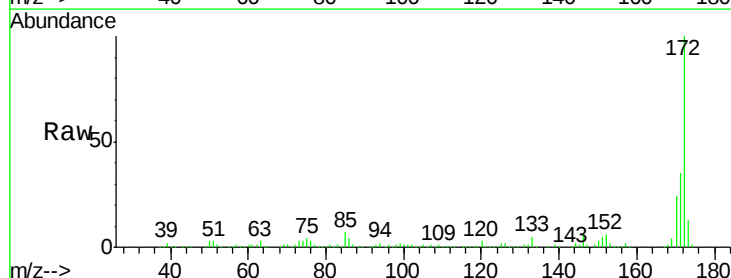


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

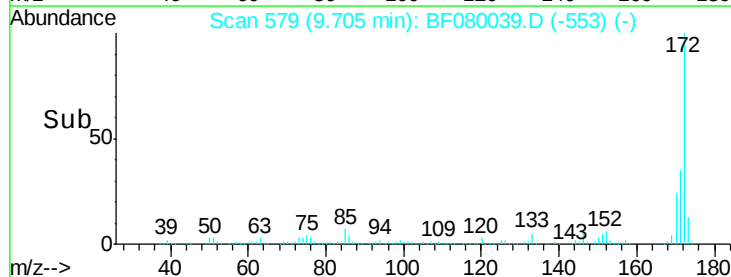
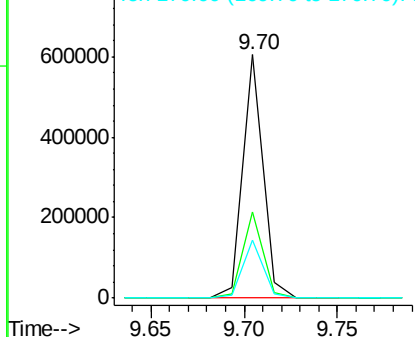


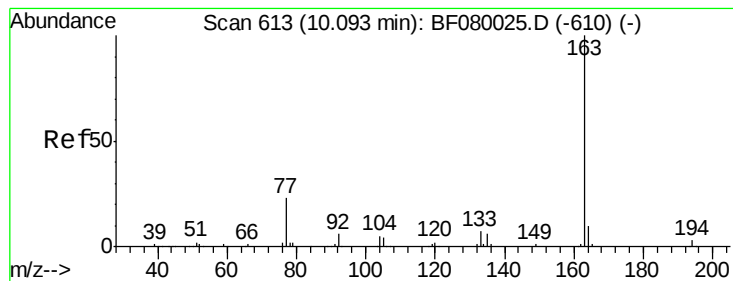
#44
 2-Fluorobiphenyl
 Concen: 72.88 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

Tgt Ion:172 Resp: 462099
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 17.4 26.2



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





#49

Dimethylphthalate

Concen: 4.87 ng

RT: 10.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

Instrument :

BNA_F

ClientSampled :

NC-HC-001

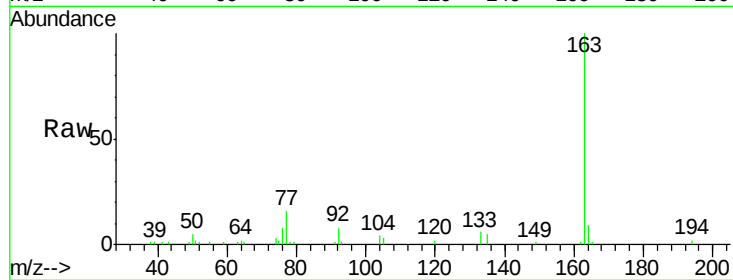
Tgt Ion:163 Resp: 33135

Ion Ratio Lower Upper

163 100

194 2.5 4.4 6.6#

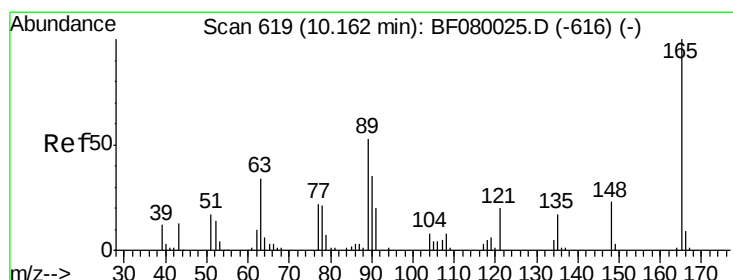
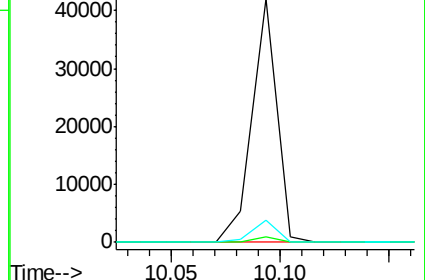
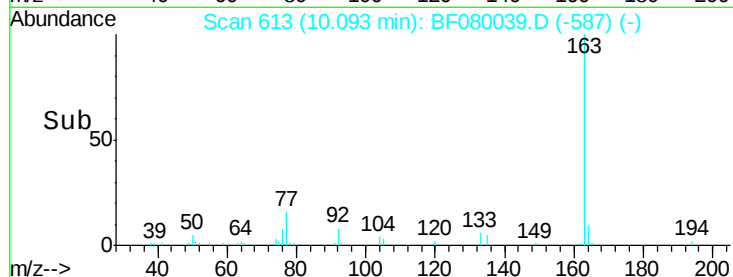
164 9.0 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.52 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.24 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

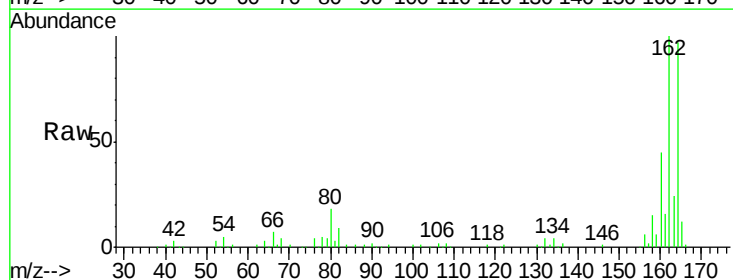
Tgt Ion:165 Resp: 11608

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

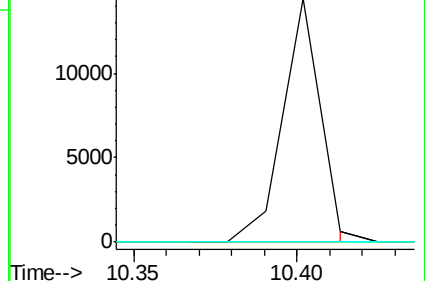
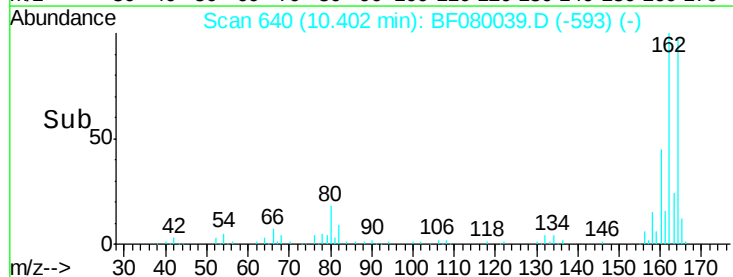
89 0.0 28.6 43.0#

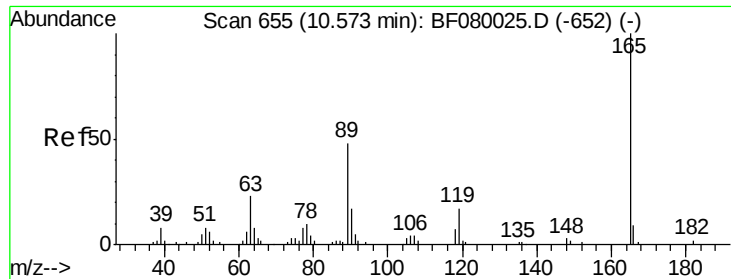


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

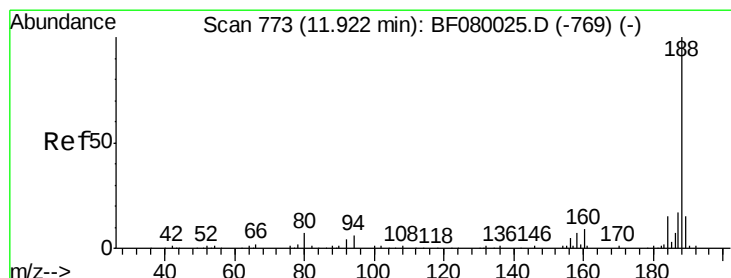
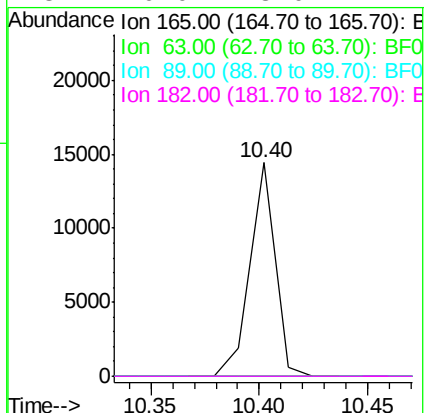
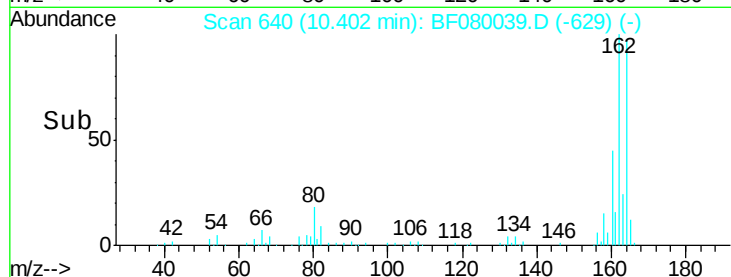
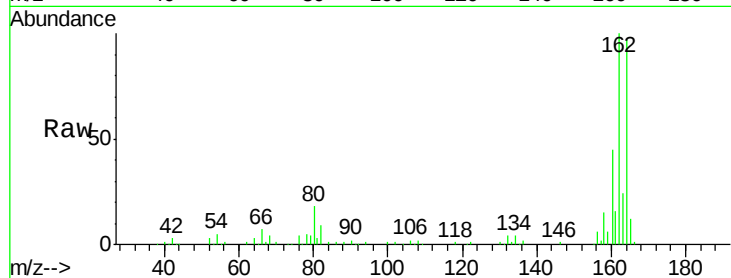




#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.17 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

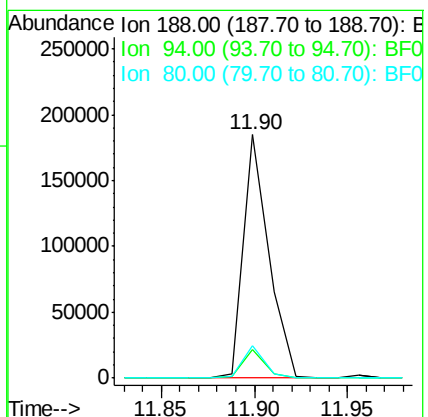
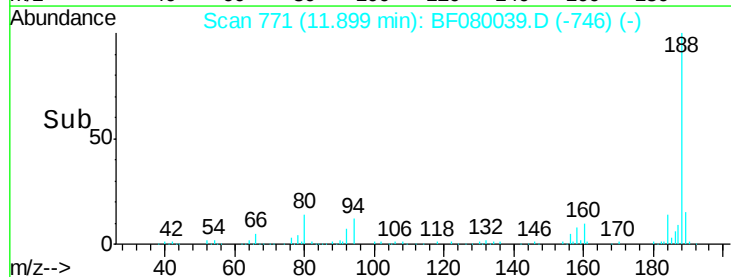
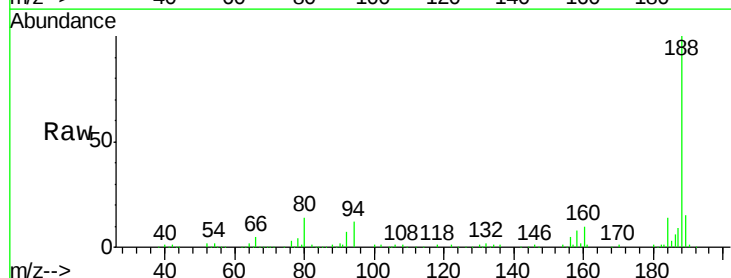
Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001

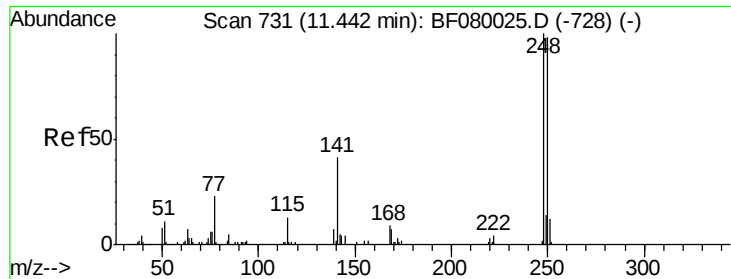
Tgt Ion:	165	Resp:	11606
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

Tgt Ion:	188	Resp:	175357
Ion	Ratio	Lower	Upper
188	100		
94	11.6	11.1	16.7
80	13.5	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 3.45 ng

RT: 11.19 min Scan# 709

Delta R.T. -0.24 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

Instrument :

BNA_F

ClientSampleId :

NC-HC-001

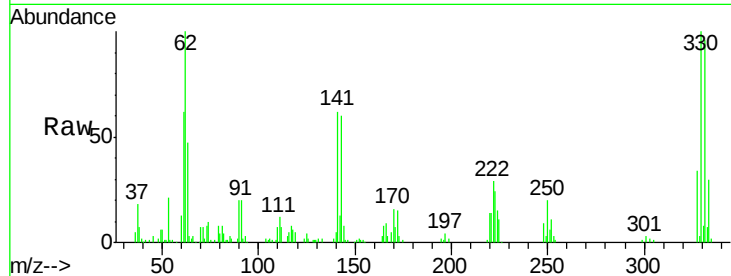
Tgt Ion:248 Resp: 6429

Ion Ratio Lower Upper

248 100

250 214.6 78.5 117.7#

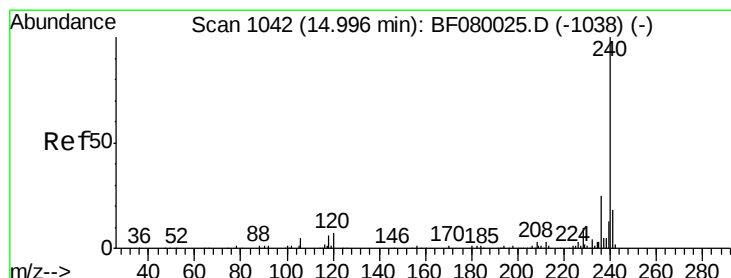
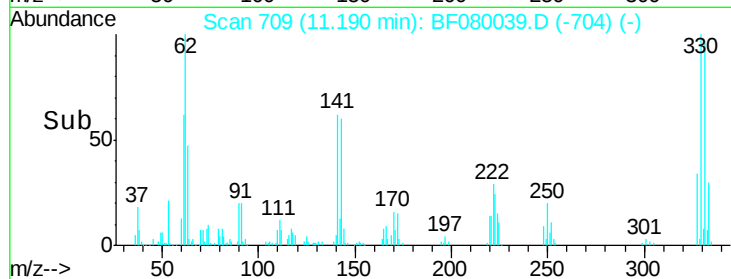
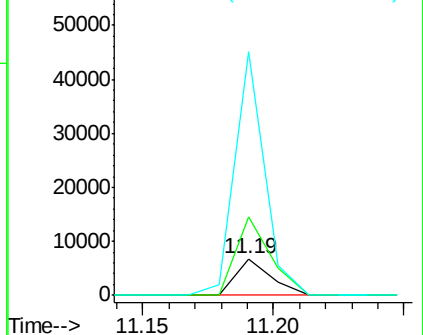
141 660.7 59.0 88.6#



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: 14.92 min Scan# 1035

Delta R.T. 0.06 min

Lab File: BF080039.D

Acq: 17 Jun 2015 23:25

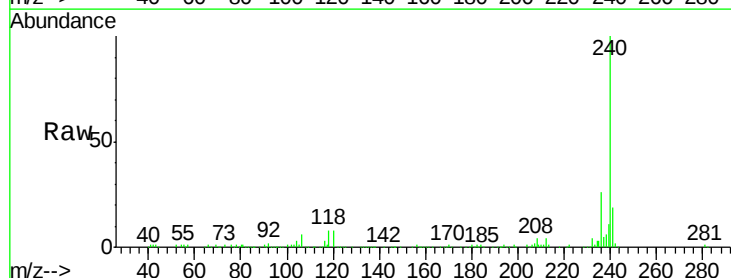
Tgt Ion:240 Resp: 205870

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

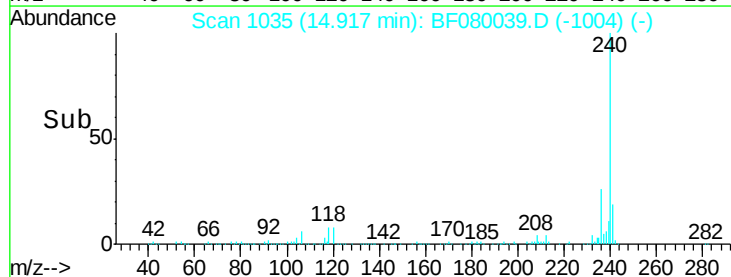
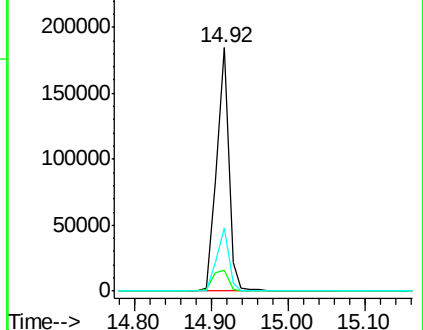
236 26.0 18.4 27.6

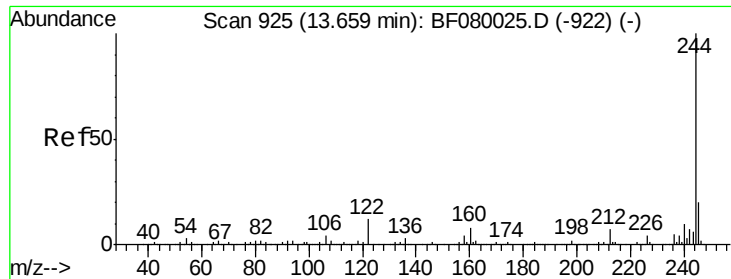


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

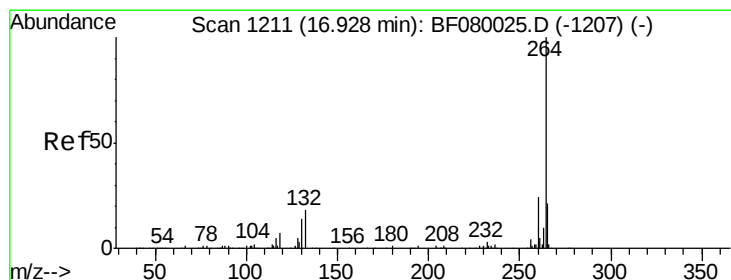
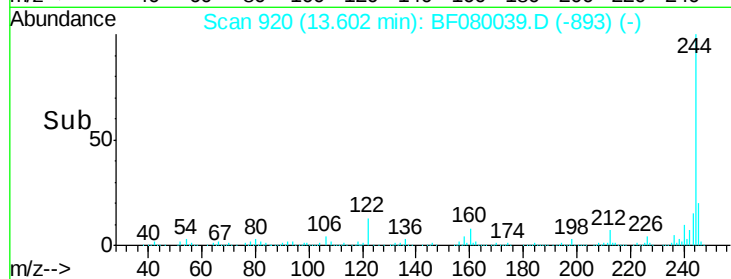
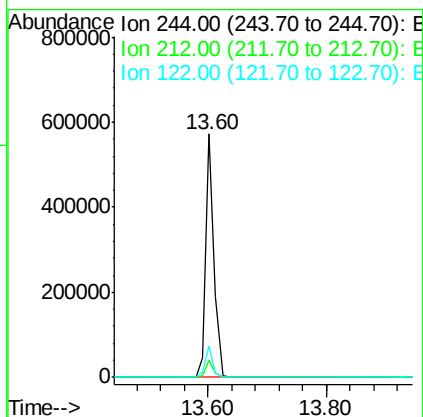
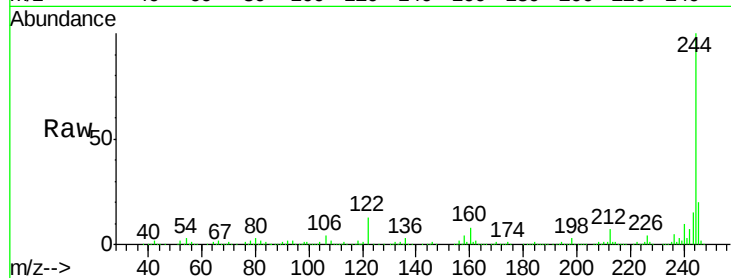




#78
 Terphenyl-d14
 Concen: 64.10 ng
 RT: 13.60 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-001

Tgt Ion:244 Resp: 565066
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 12.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.85 min Scan# 1204
 Delta R.T. 0.10 min
 Lab File: BF080039.D
 Acq: 17 Jun 2015 23:25

Tgt Ion:264 Resp: 212641
 Ion Ratio Lower Upper
 264 100
 260 23.1 16.7 25.1
 265 21.2 17.2 25.8

