

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080339.D
 Acq On : 3 Jul 2015 12:22
 Operator : TP/IZ
 Sample : G2855-03RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-1-63015RE

Quant Time: Jul 03 23:05:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

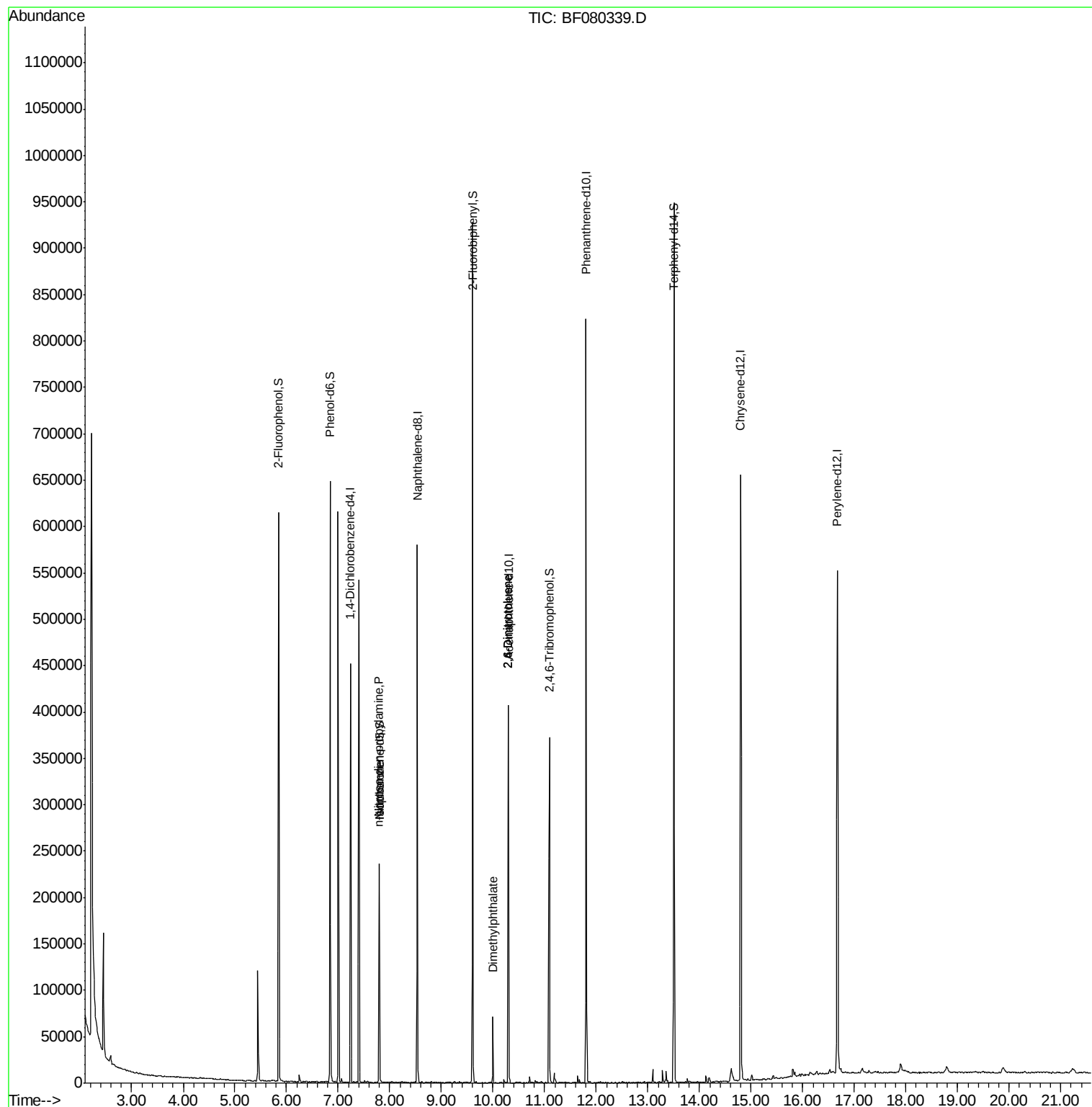
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	60683	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	244519	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	120357	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	279555	20.00	ng	0.00
75) Chrysene-d12	14.80	240	298246	20.00	ng	0.08
86) Perylene-d12	16.67	264	290700	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	161445	46.07	ng	0.00
7) Phenol-d6	6.84	99	209528	44.54	ng	0.00
23) Nitrobenzene-d5	7.80	82	111998	25.22	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	54514	47.57	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	265288	31.72	ng	0.00
78) Terphenyl-d14	13.50	244	328770	25.82	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	13685	4.38	ng	# 89
25) Isophorone	7.80	82	111782	12.95	ng	# 65
49) Dimethylphthalate	10.00	163	28221	3.07	ng	99
50) 2,6-Dinitrotoluene	10.29	165	15137	8.05	ng	# 43
56) 2,4-Dinitrotoluene	10.29	165	15133	6.21	ng	# 19

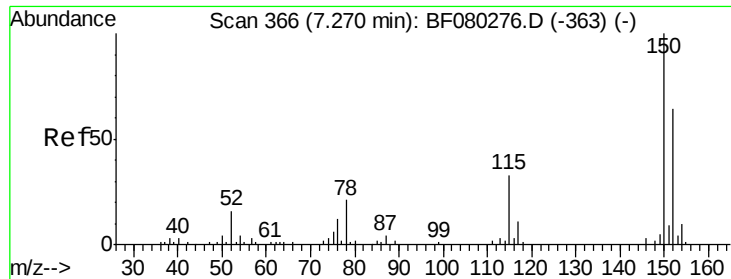
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015RE

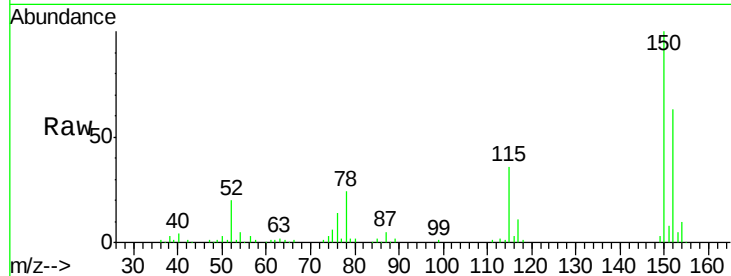
Tgt Ion:152 Resp: 60683

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

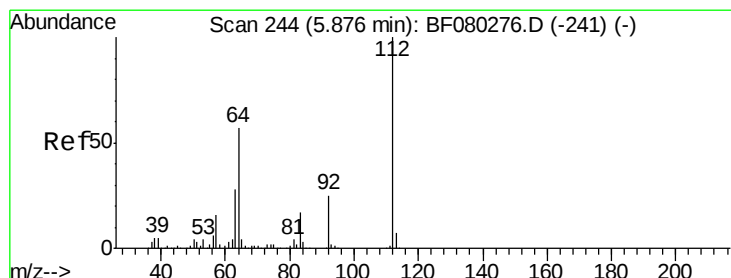
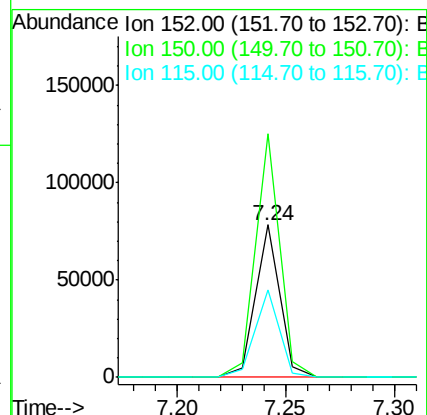
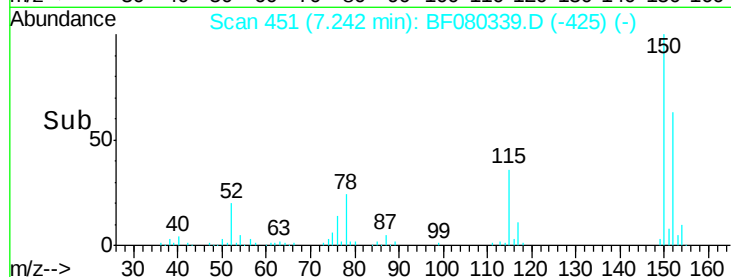
115 57.0 41.0 61.6



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: 46.07 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

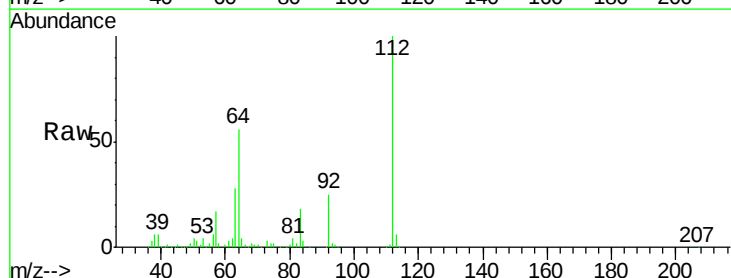
Tgt Ion:112 Resp: 161445

Ion Ratio Lower Upper

112 100

64 56.4 45.5 68.3

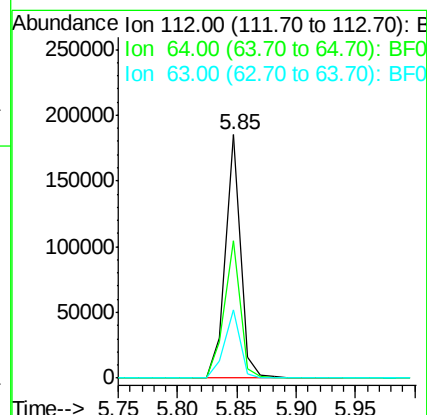
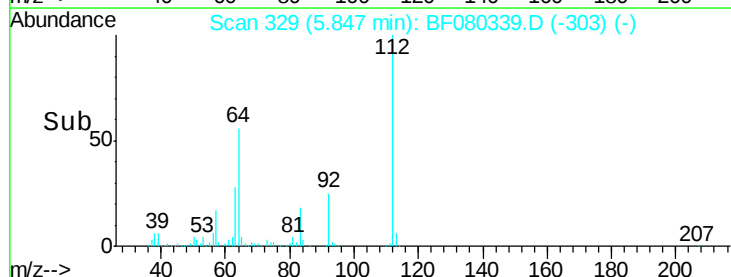
63 28.0 22.4 33.6

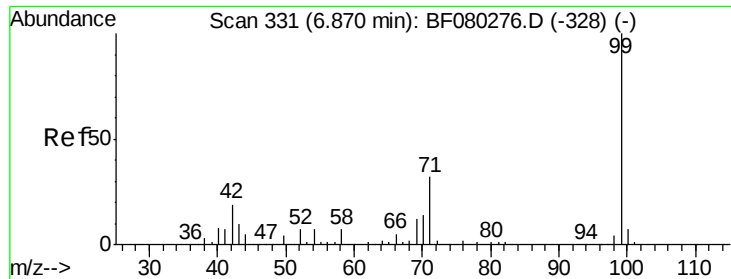


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.54 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

Instrument :

BNA_F

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BOTTOMNW-1-63015RE

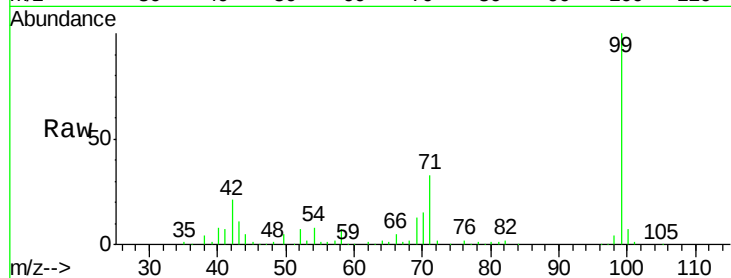
Tgt Ion: 99 Resp: 209528

Ion Ratio Lower Upper

99 100

42 21.4 15.4 23.2

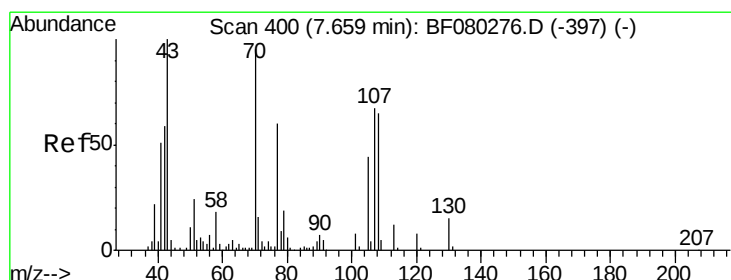
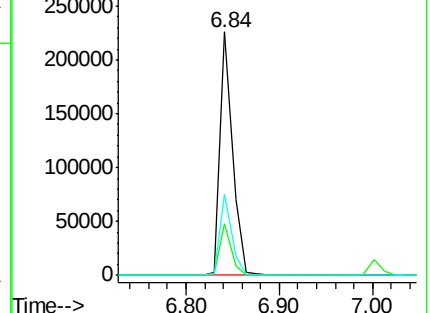
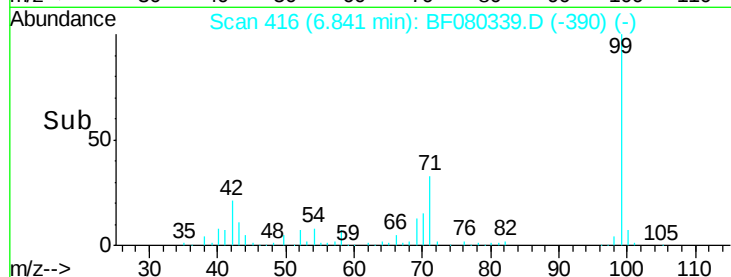
71 33.3 25.8 38.8



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: 4.38 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.16 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

Tgt Ion: 70 Resp: 13685

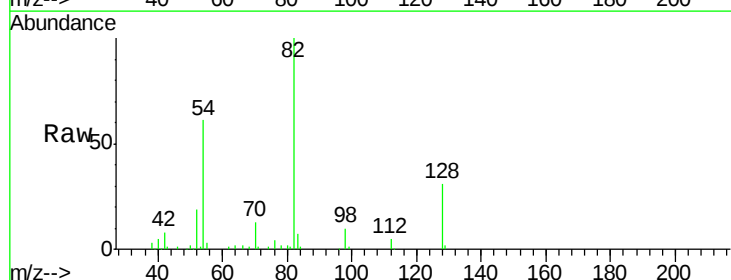
Ion Ratio Lower Upper

70 100

42 60.1 49.8 74.8

101 0.0 6.8 10.2#

130 0.0 13.0 19.4#

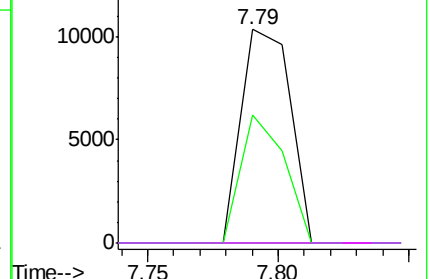
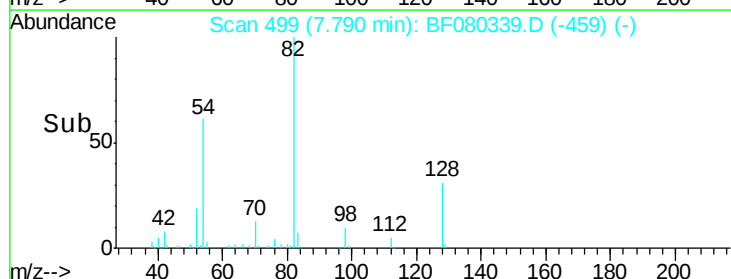


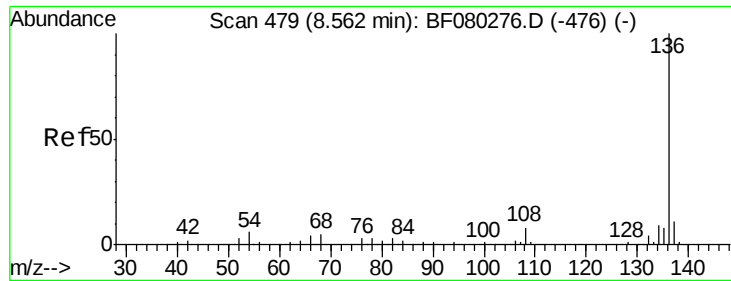
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

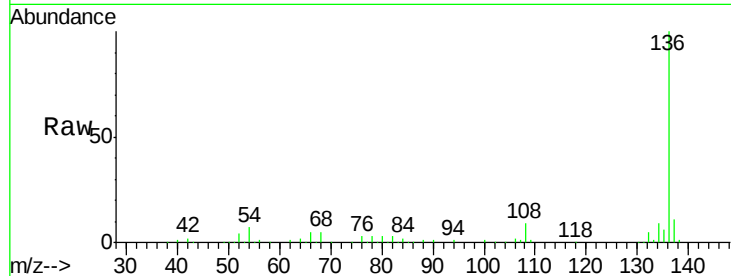




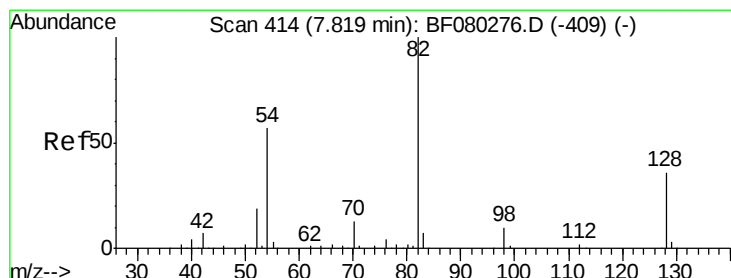
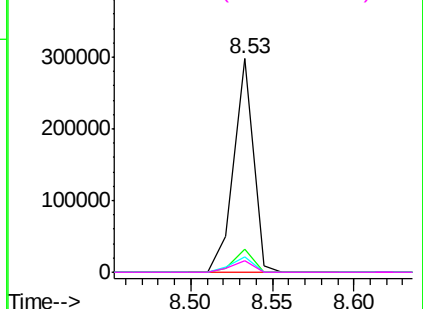
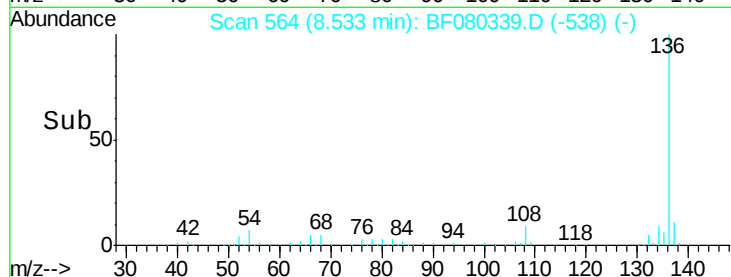
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080339.D
Acq: 3 Jul 2015 12:22

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-1-63015RE

Tgt Ion:	136	Resp:	244519
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.1	4.9	7.3
68	5.4	4.0	6.0

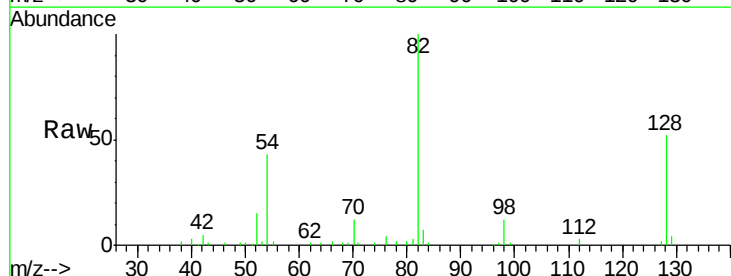


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

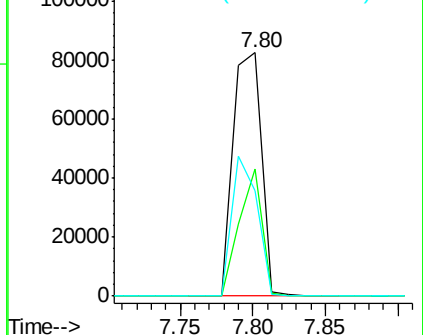
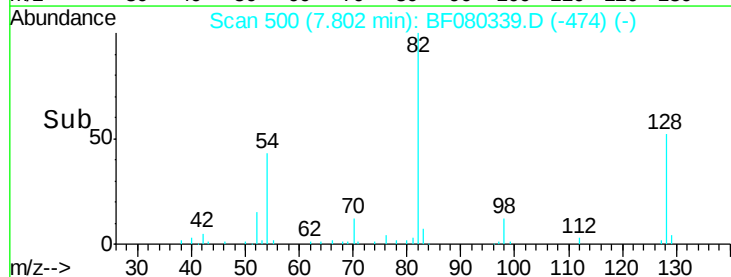


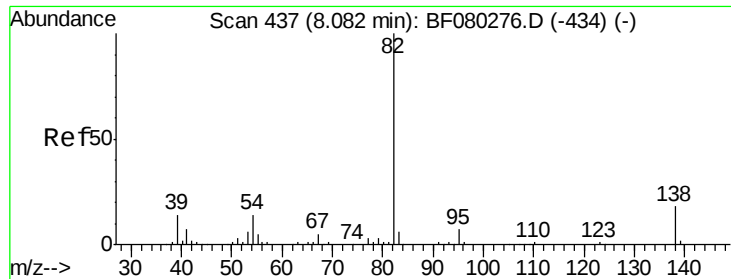
#23
Nitrobenzene-d5
Concen: 25.22 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF080339.D
Acq: 3 Jul 2015 12:22

Tgt Ion:	82	Resp:	111998
Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.0	43.4#
54	43.3	45.3	67.9#



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: 12.95 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.25 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015RE

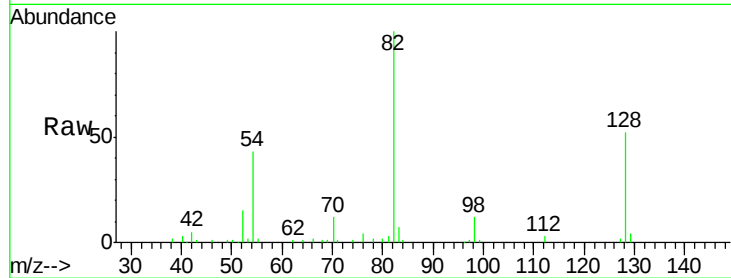
Tgt Ion: 82 Resp: 111782

Ion Ratio Lower Upper

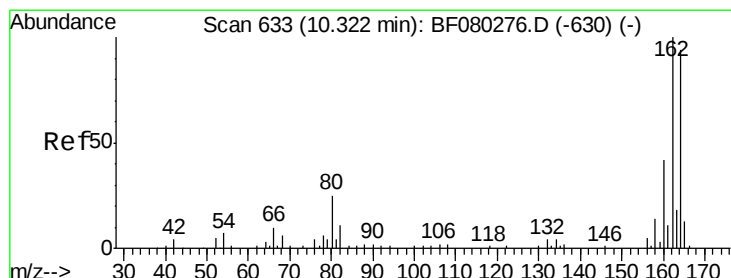
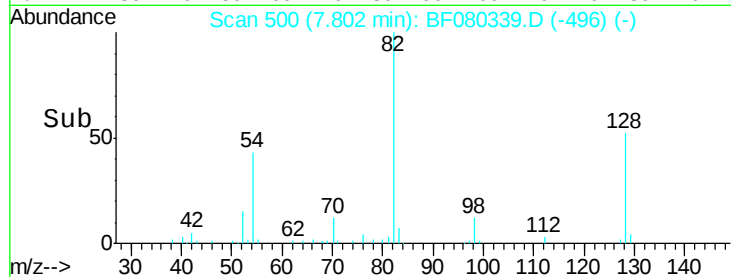
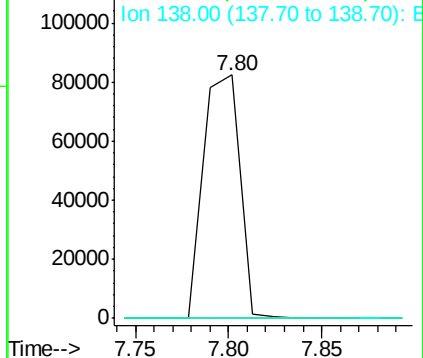
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



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: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

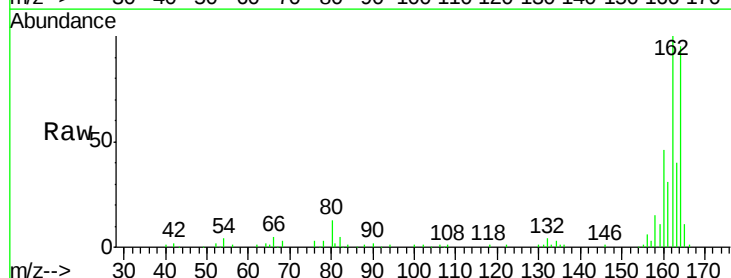
Tgt Ion: 164 Resp: 120357

Ion Ratio Lower Upper

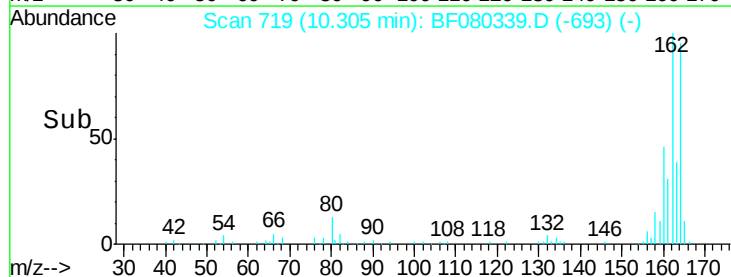
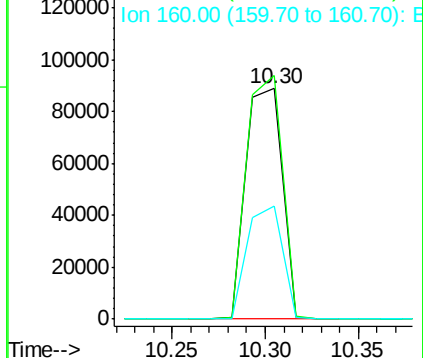
164 100

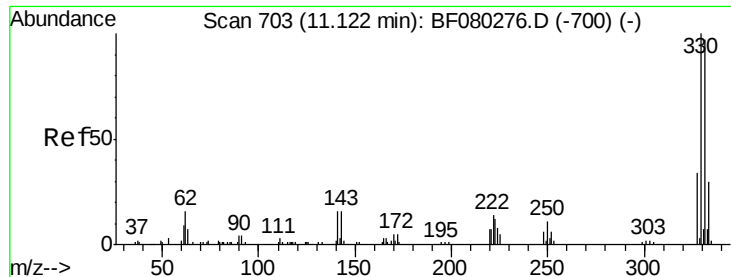
162 105.6 84.8 127.2

160 48.9 35.8 53.8



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

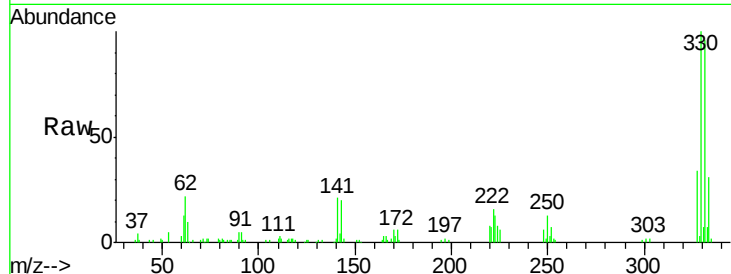




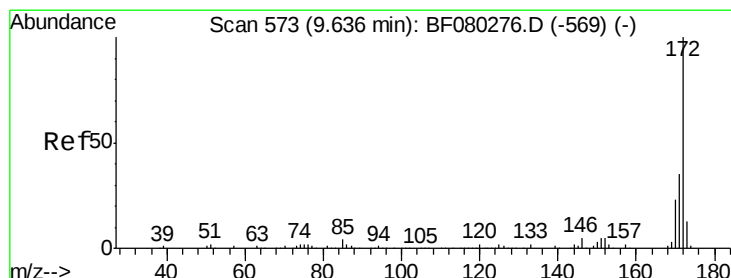
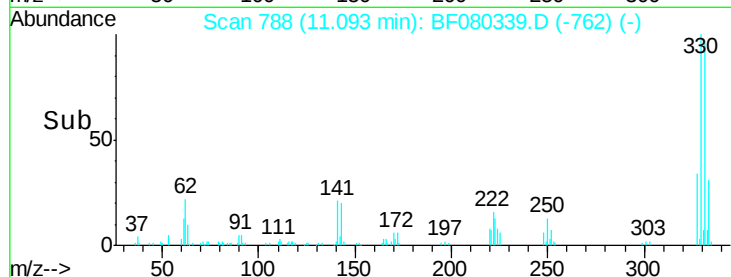
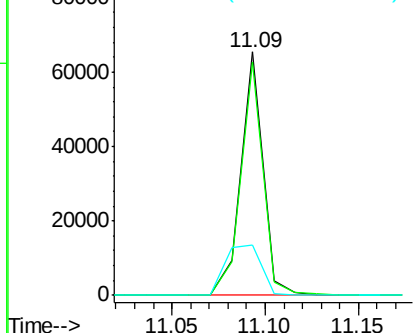
#41
 2,4,6-Tribromophenol
 Concen: 47.57 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080339.D
 Acq: 3 Jul 2015 12:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-1-63015RE

Tgt Ion:330 Resp: 54514
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 34.0 28.0 42.0

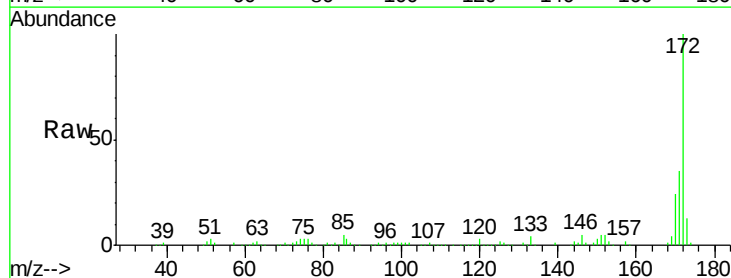


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

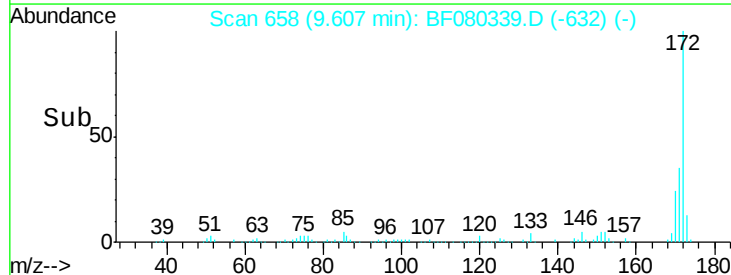
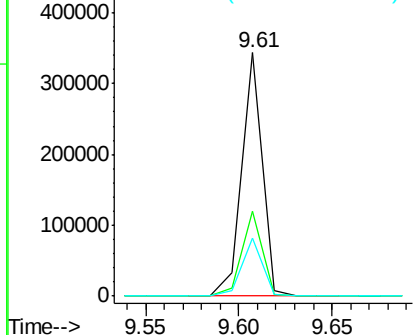


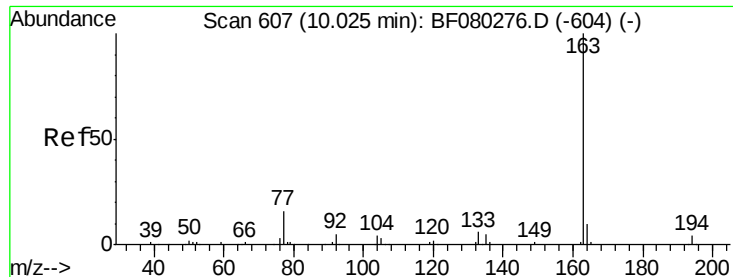
#44
 2-Fluorobiphenyl
 Concen: 31.72 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080339.D
 Acq: 3 Jul 2015 12:22

Tgt Ion:172 Resp: 265288
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 24.0 18.6 28.0



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

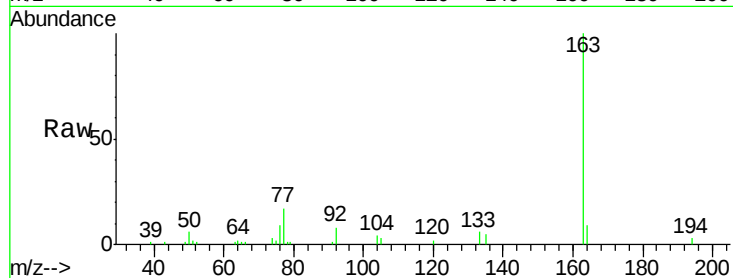




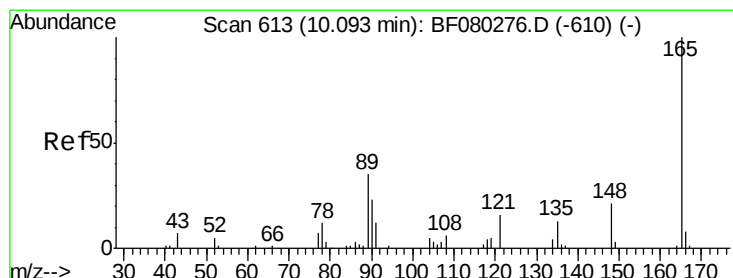
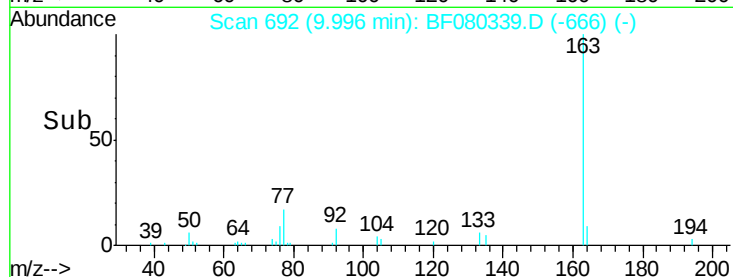
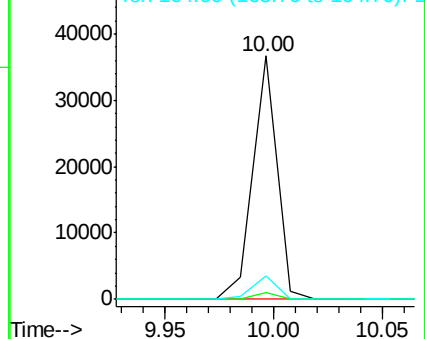
#49
Dimethylphthalate
Concen: 3.07 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080339.D
Acq: 3 Jul 2015 12:22

Instrument :
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BOTTOMNW-1-63015RE

Tgt Ion:163 Resp: 28221
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.4 7.9 11.9

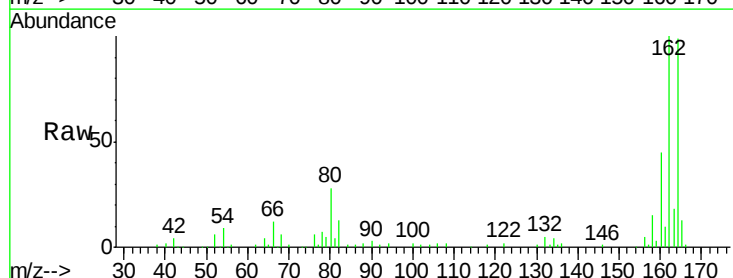


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

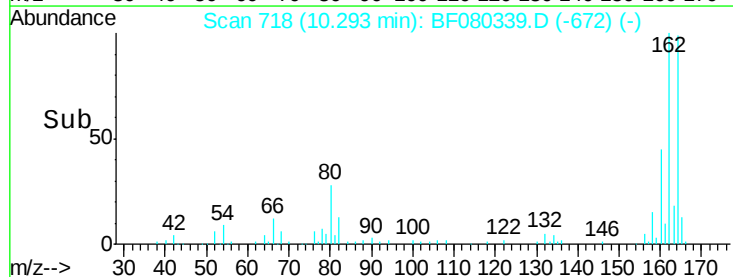
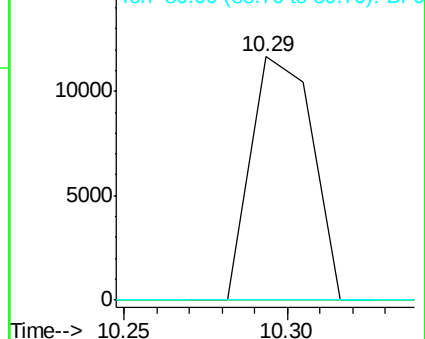


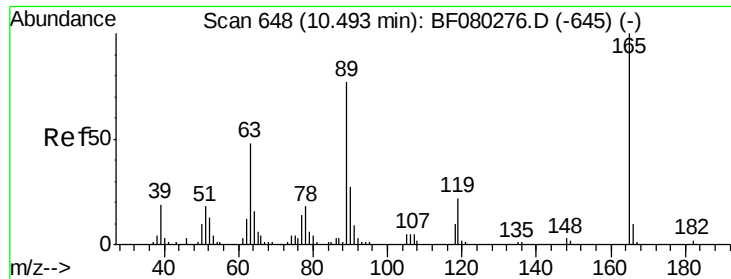
#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.23 min
Lab File: BF080339.D
Acq: 3 Jul 2015 12:22

Tgt Ion:165 Resp: 15137
Ion Ratio Lower Upper
165 100
63 0.0 23.4 35.0#
89 0.0 27.7 41.5#



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

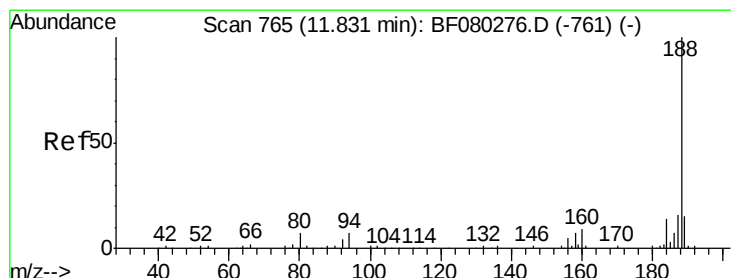
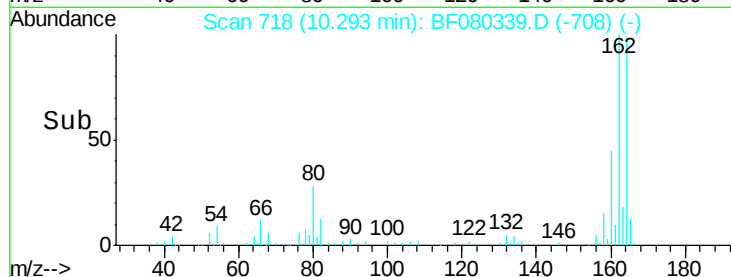
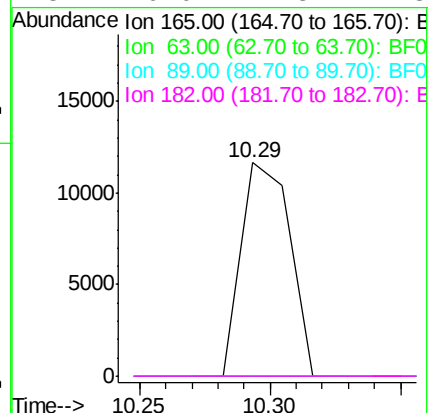
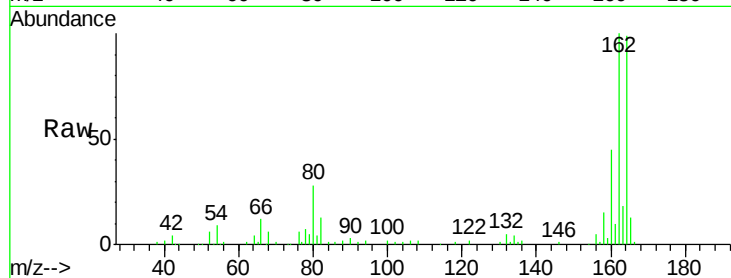




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.18 min
 Lab File: BF080339.D
 Acq: 3 Jul 2015 12:22

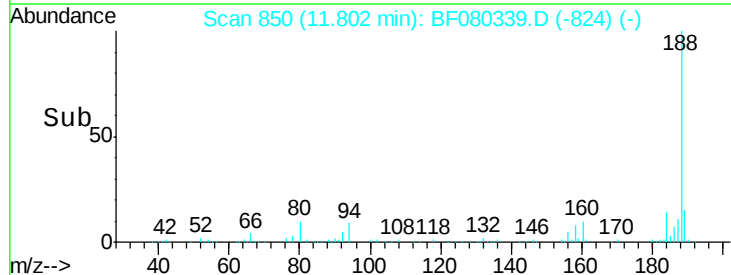
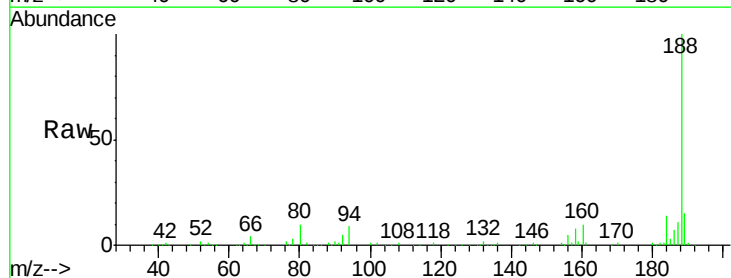
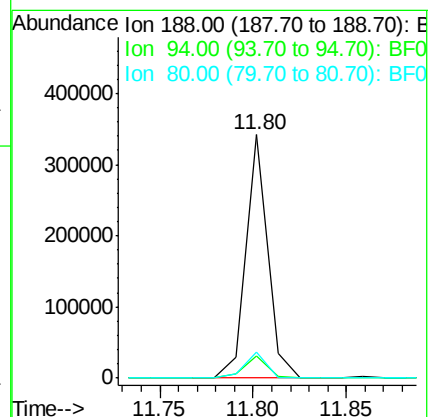
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-1-63015RE

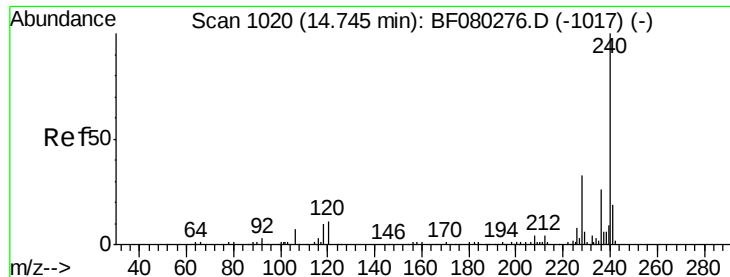
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	62.0	93.0#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF080339.D
 Acq: 3 Jul 2015 12:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	10.5	5.8	8.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1112

Delta R.T. 0.08 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015RE

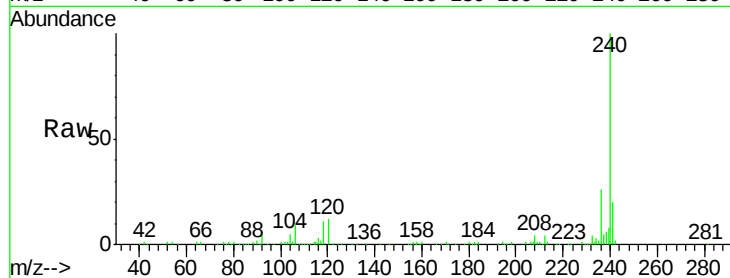
Tgt Ion:240 Resp: 298246

Ion Ratio Lower Upper

240 100

120 11.8 8.7 13.1

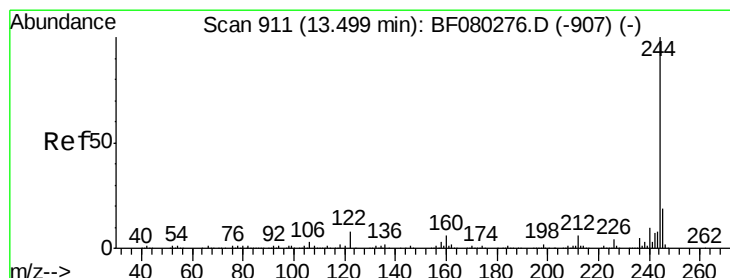
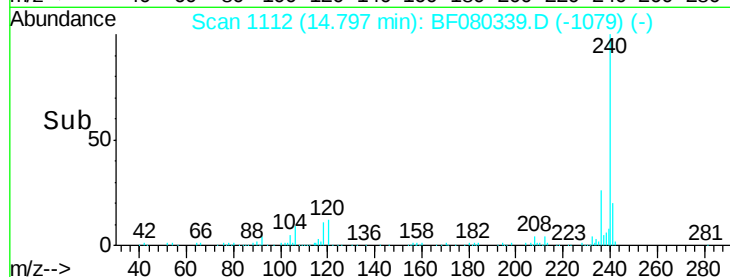
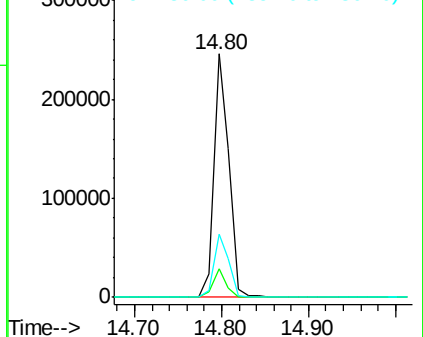
236 25.8 20.9 31.3



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: 25.82 ng

RT: 13.50 min Scan# 999

Delta R.T. 0.03 min

Lab File: BF080339.D

Acq: 3 Jul 2015 12:22

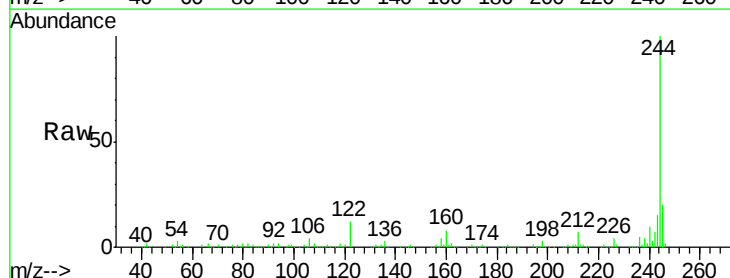
Tgt Ion:244 Resp: 328770

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.6

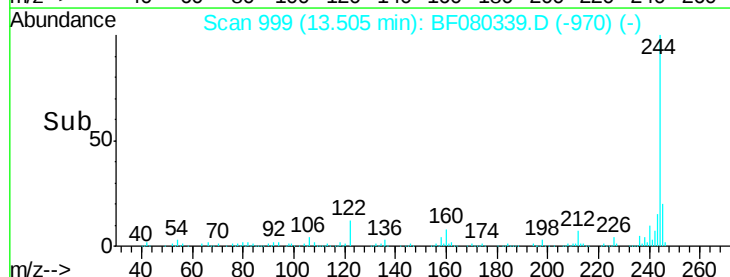
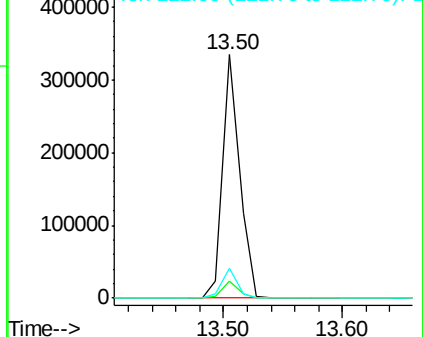
122 12.1 6.6 9.8#

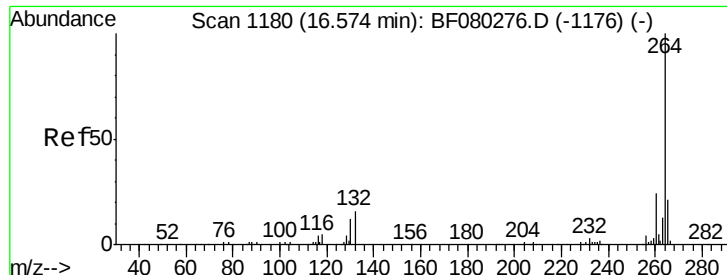


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

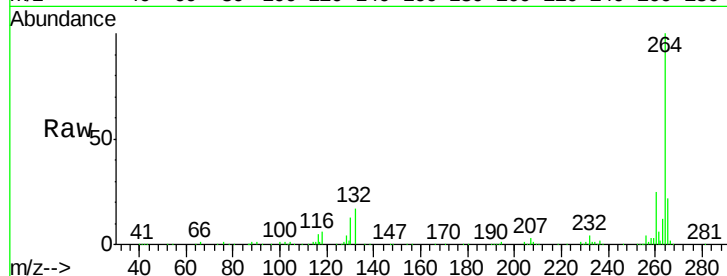




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.67 min Scan# 1276
Delta R.T. 0.13 min
Lab File: BF080339.D
Acq: 3 Jul 2015 12:22

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-1-63015RE

Tgt Ion: 264 Resp: 290700
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.8 16.9 25.3



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

