

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080444.D
 Acq On : 13 Jul 2015 23:56
 Operator : TP/UM
 Sample : G2945-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

Quant Time: Jul 14 01:02:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

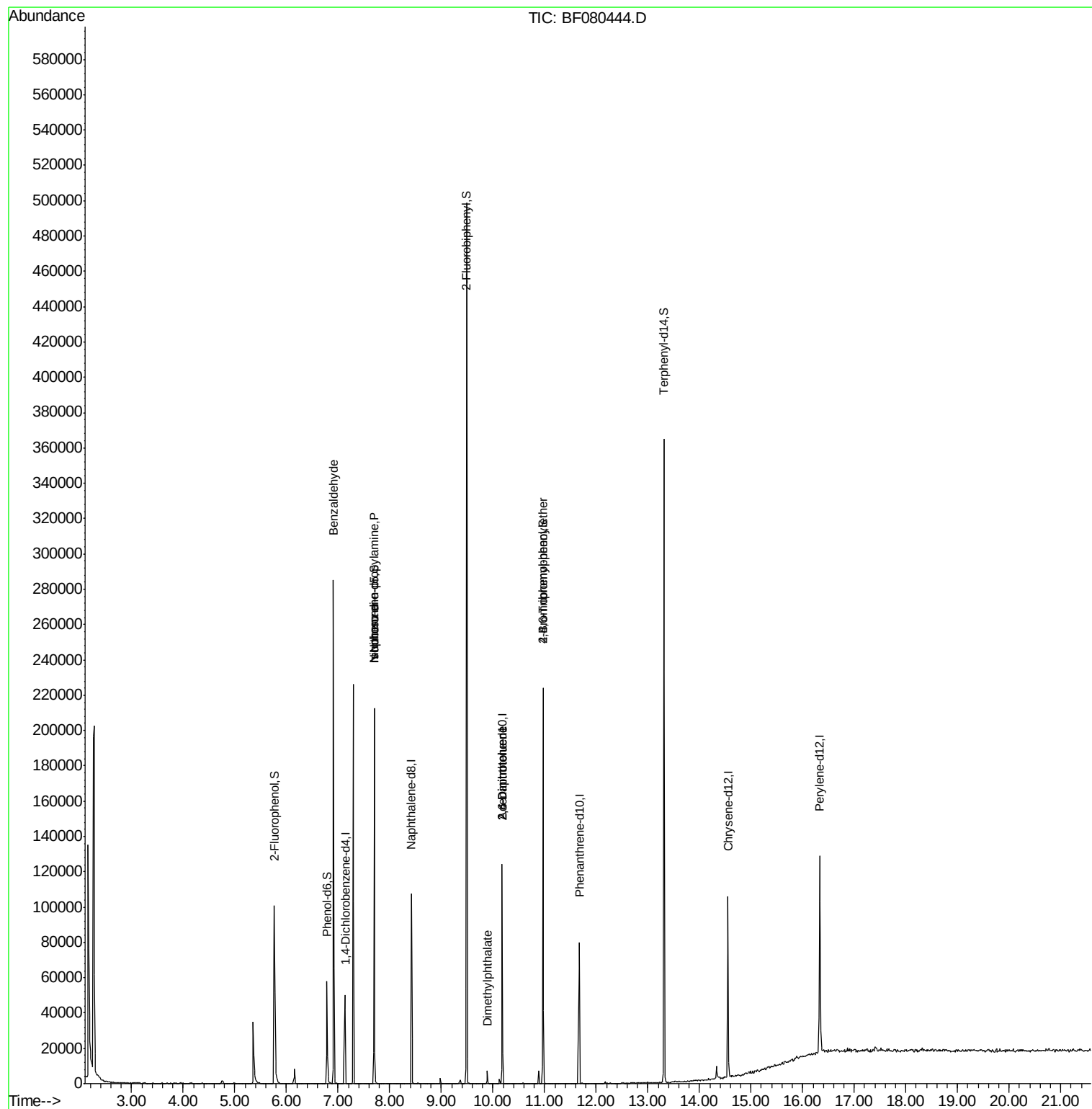
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	11211	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	47585	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	23087	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	42714	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	50997	20.00	ng	-0.16
86) Perylene-d12	16.33	264	61795	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	35820	54.75	ng	0.00
7) Phenol-d6	6.78	99	25447	29.19	ng	0.01
23) Nitrobenzene-d5	7.70	82	62254	74.61	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	20098	89.20	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	138986	81.08	ng	0.00
78) Terphenyl-d14	13.31	244	149087	63.49	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.91	77	1509	3.13	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.70	70	7280	12.20	ng	# 81
25) Isophorone	7.70	82	62262	41.64	ng	# 73
49) Dimethylphthalate	9.89	163	3989	2.29	ng	# 95
50) 2,6-Dinitrotoluene	10.18	165	2938	7.50	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	2939	6.42	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	1561	3.43	ng	# 1

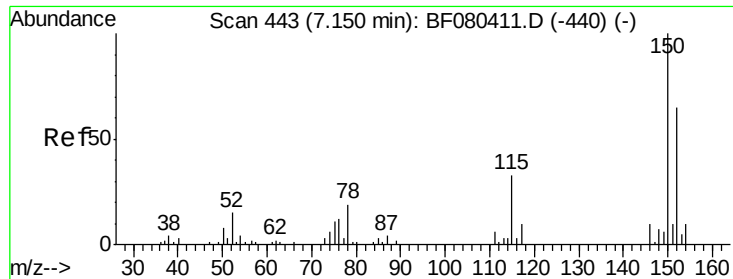
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080444.D
Acq On : 13 Jul 2015 23:56
Operator : TP/UM
Sample : G2945-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Quant Time: Jul 14 01:02:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration



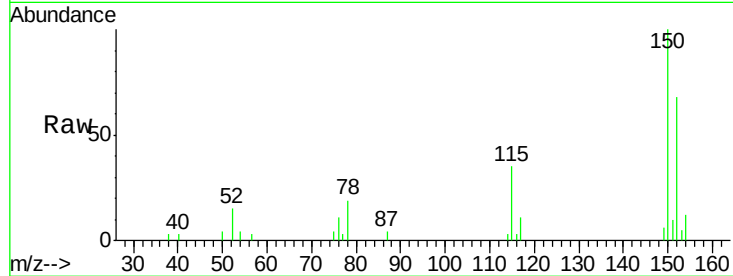


#1

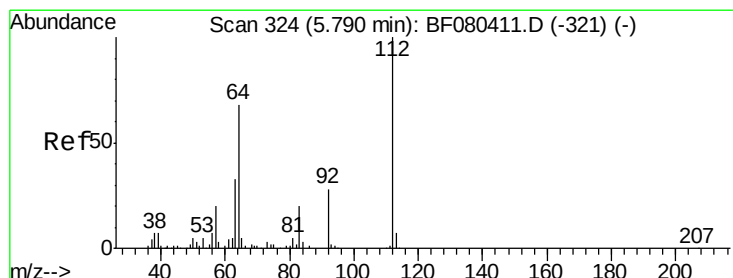
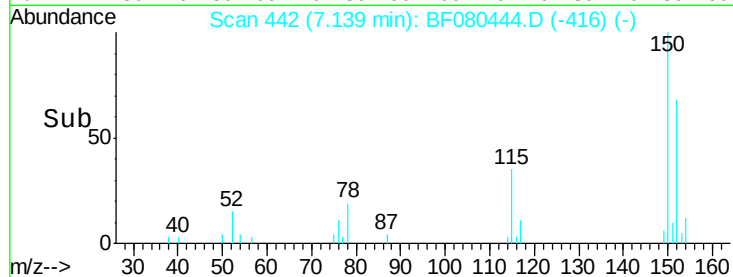
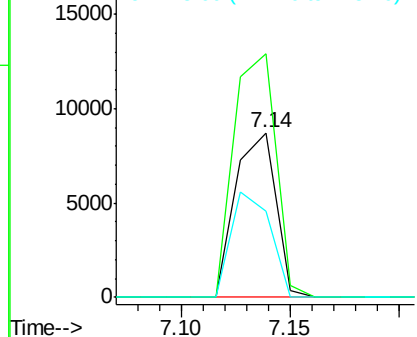
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Tgt Ion:152 Resp: 11211
Ion Ratio Lower Upper
152 100
150 147.8 122.3 183.5
115 52.2 41.0 61.4



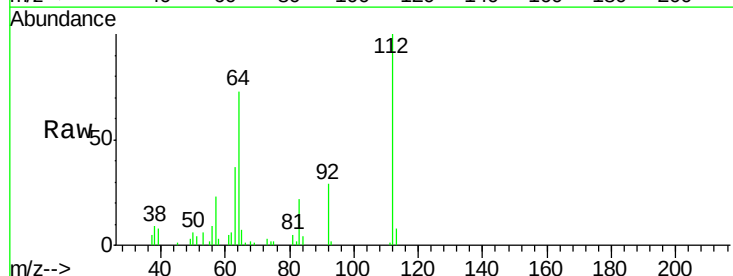
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



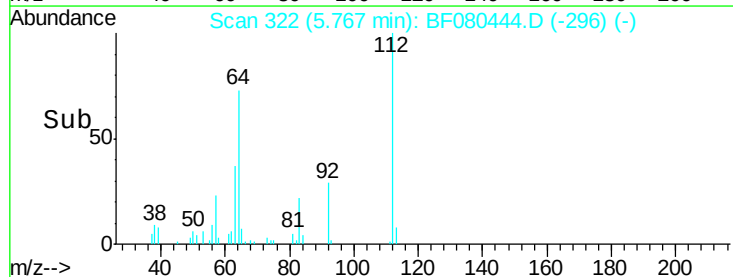
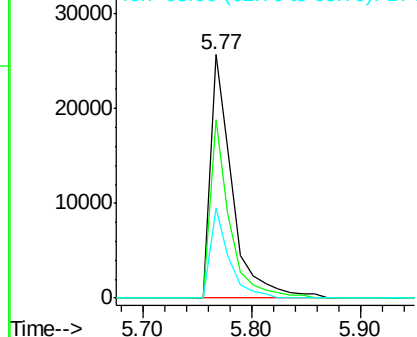
#5

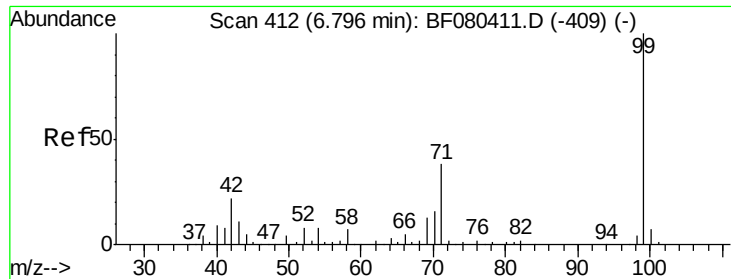
2-Fluorophenol
Concen: 54.75 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.00 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Tgt Ion:112 Resp: 35820
Ion Ratio Lower Upper
112 100
64 73.0 54.3 81.5
63 36.9 26.7 40.1



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: 29.19 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

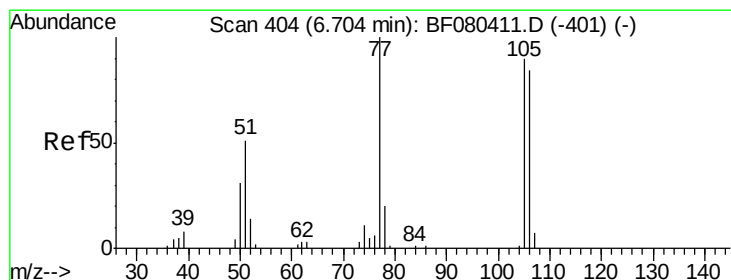
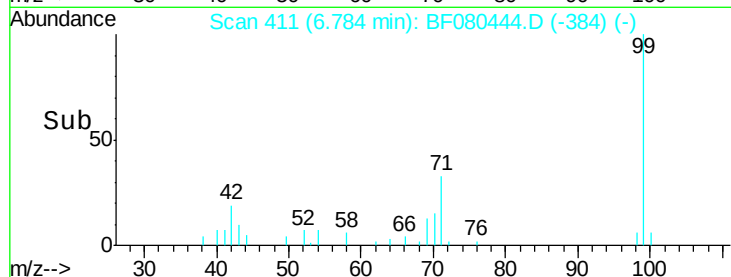
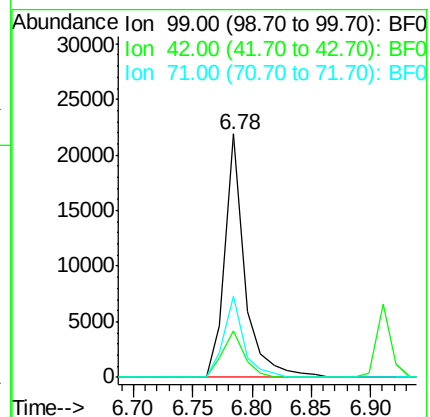
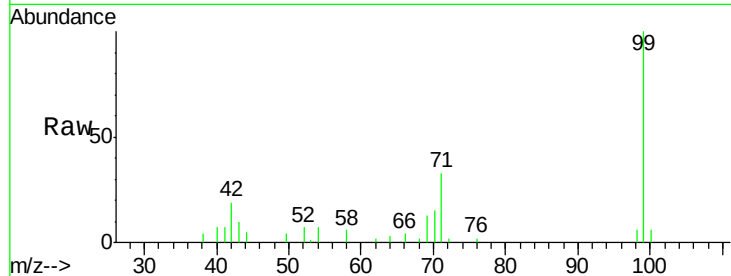
Tgt Ion: 99 Resp: 25447

Ion Ratio Lower Upper

99 100

42 19.1 17.9 26.9

71 33.5 30.1 45.1



#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

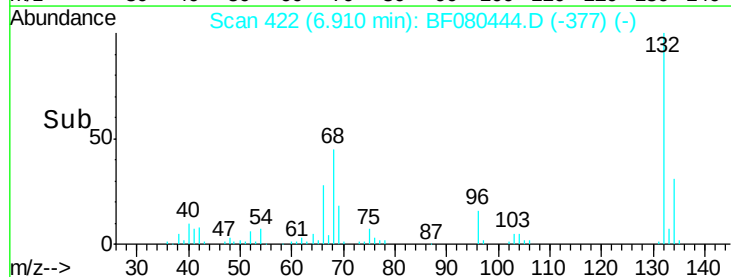
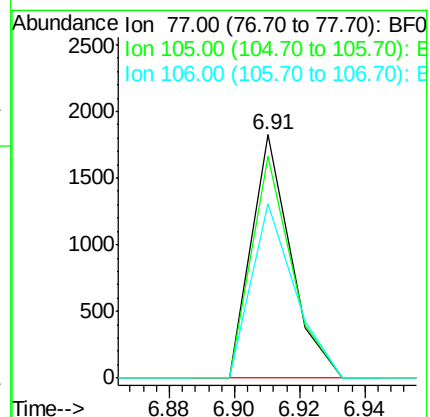
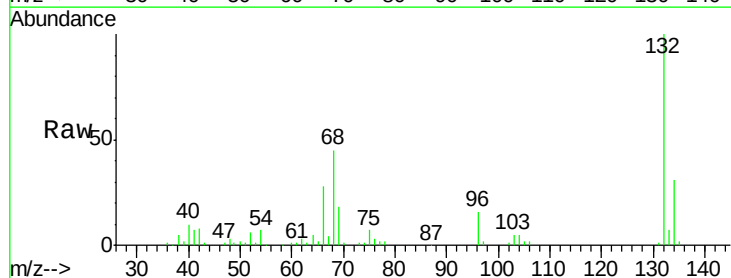
Tgt Ion: 77 Resp: 1509

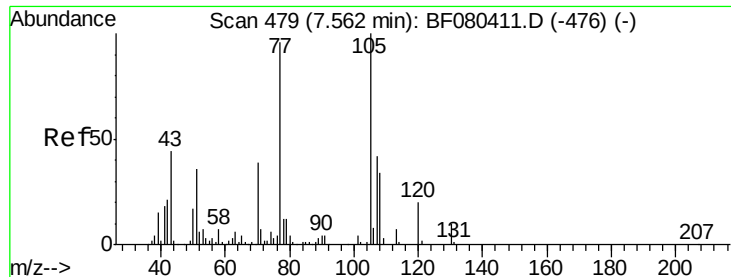
Ion Ratio Lower Upper

77 100

105 90.9 69.6 109.6

106 71.5 63.6 103.6

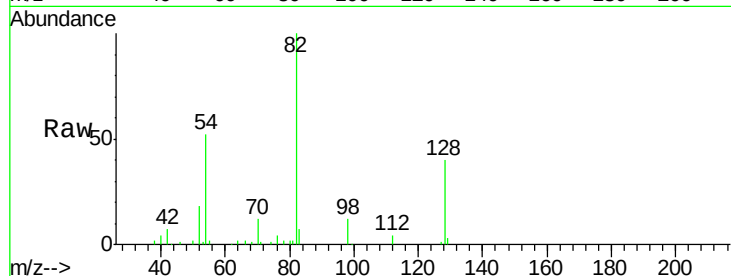




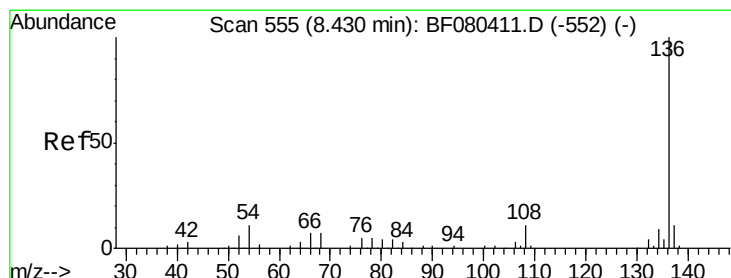
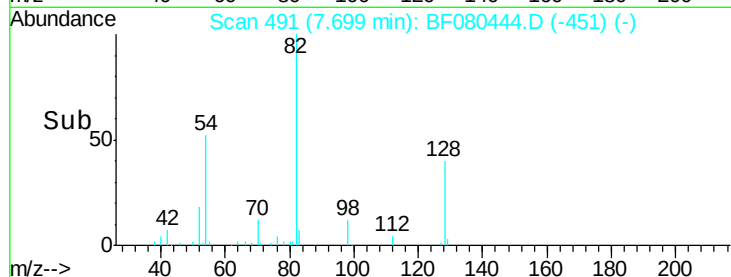
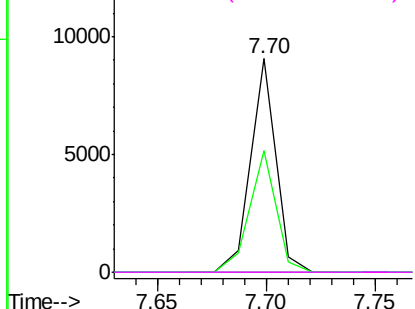
#19
n-Nitroso-di-n-propylamine
Concen: 12.20 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Tgt Ion: 70 Resp: 7280
Ion Ratio Lower Upper
70 100
42 56.7 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

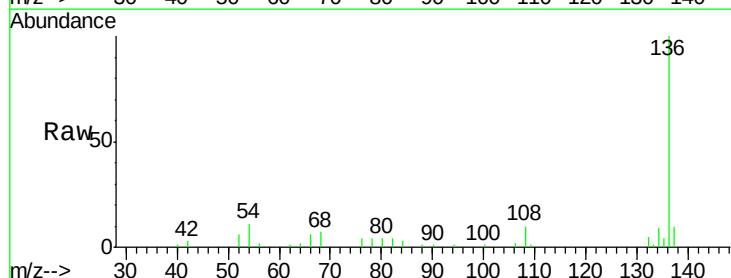


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

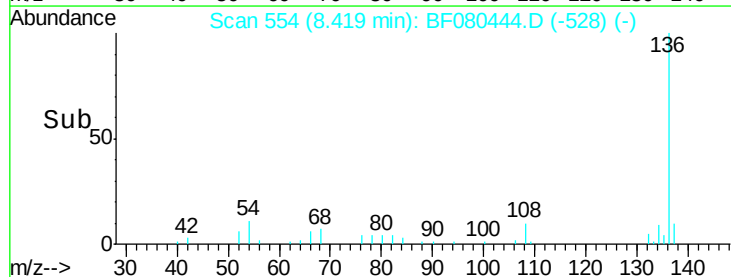
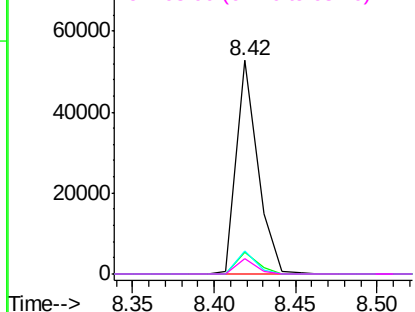


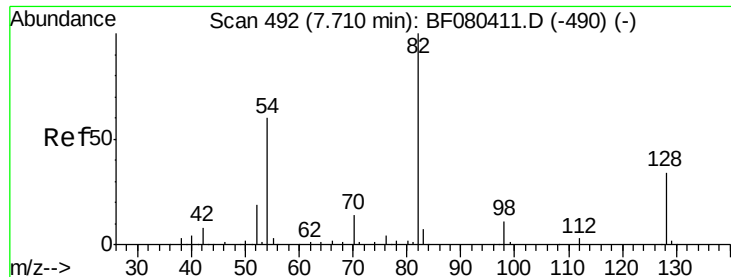
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Tgt Ion: 136 Resp: 47585
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 10.9 9.1 13.7
68 7.4 5.9 8.9



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

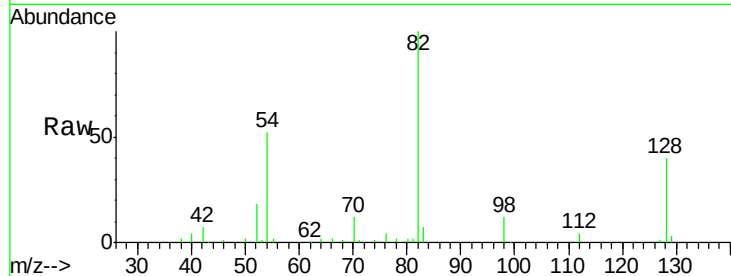




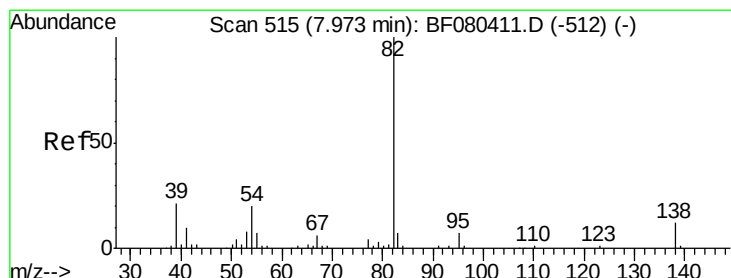
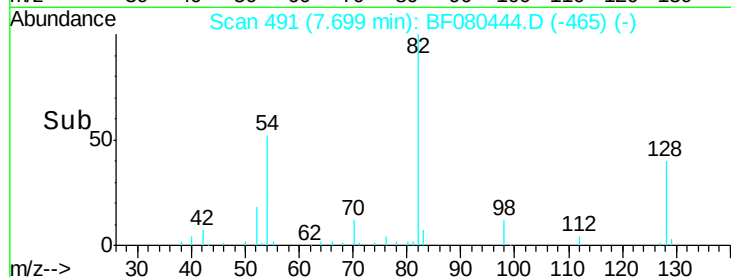
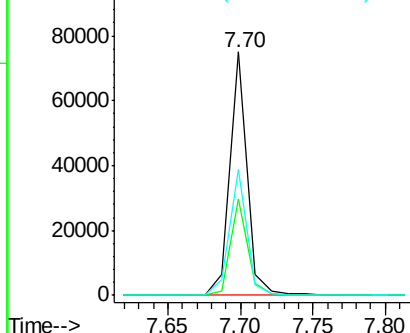
#23
Nitrobenzene-d5
Concen: 74.61 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Tgt Ion: 82 Resp: 62254
Ion Ratio Lower Upper
82 100
128 39.7 26.9 40.3
54 51.9 47.7 71.5

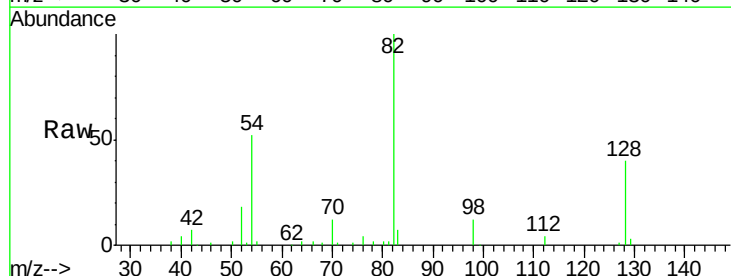


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

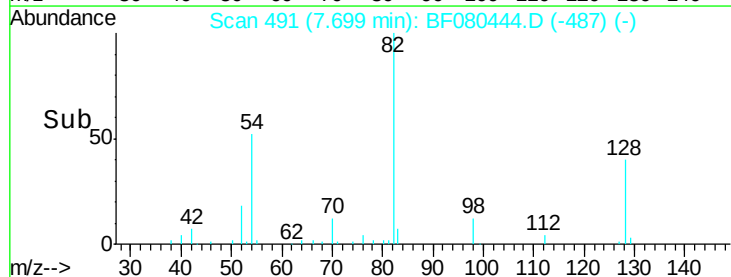
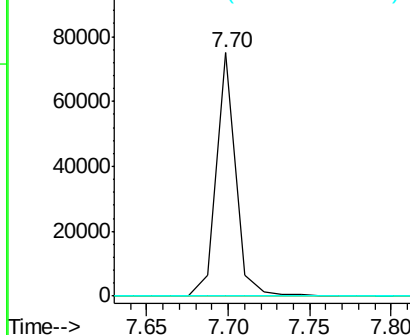


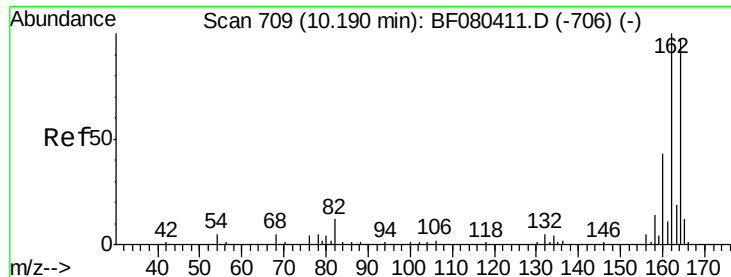
#25
Isophorone
Concen: 41.64 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Tgt Ion: 82 Resp: 62262
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

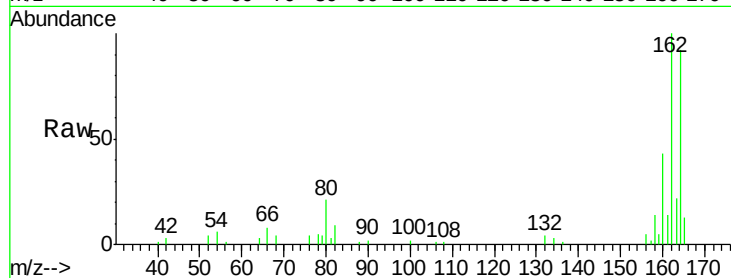
Tgt Ion:164 Resp: 23087

Ion Ratio Lower Upper

164 100

162 108.9 82.7 124.1

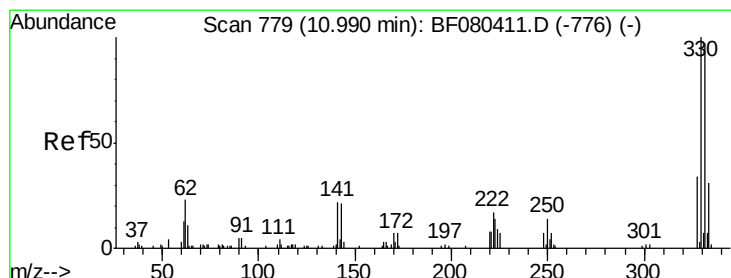
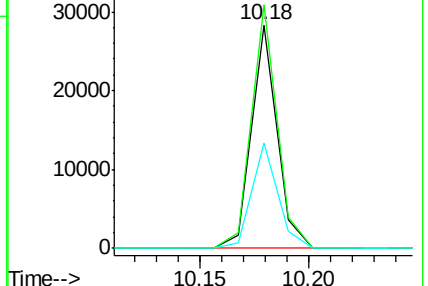
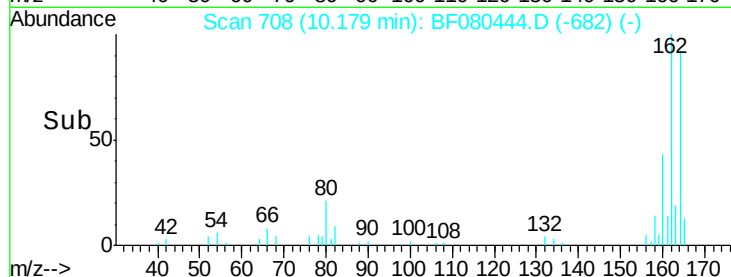
160 47.0 35.5 53.3



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: 89.20 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

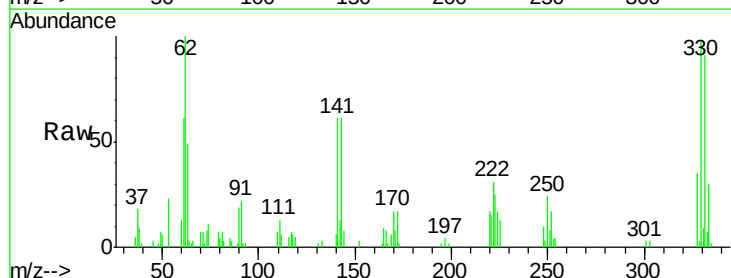
Tgt Ion:330 Resp: 20098

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

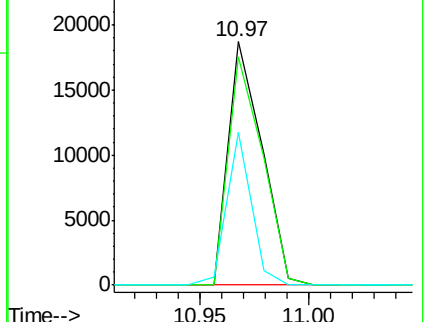
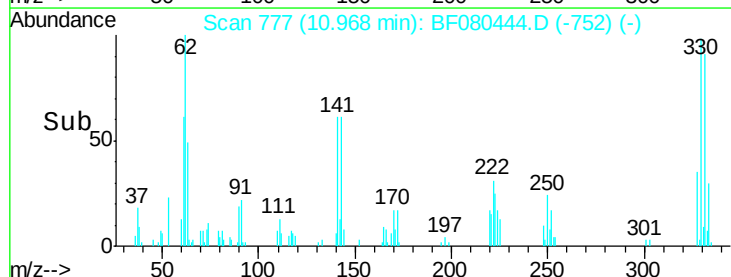
141 46.1 28.6 43.0#

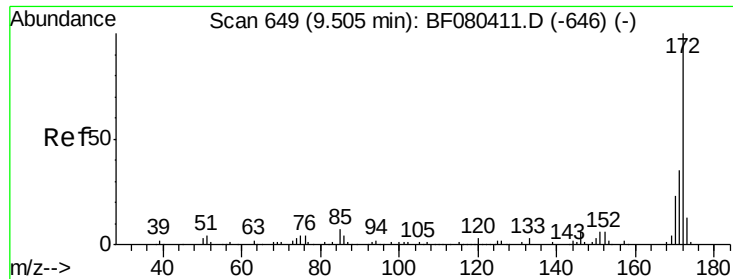


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

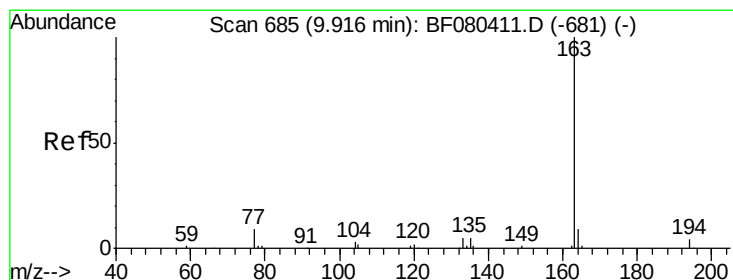
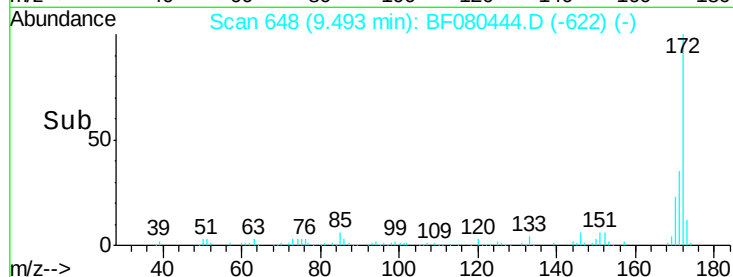
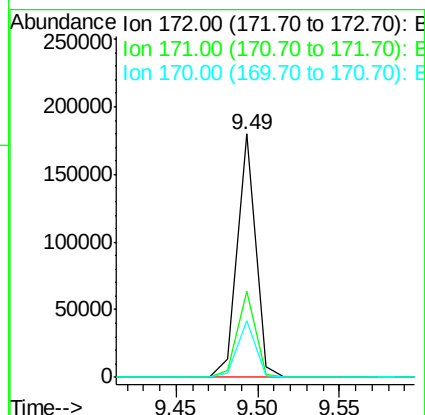
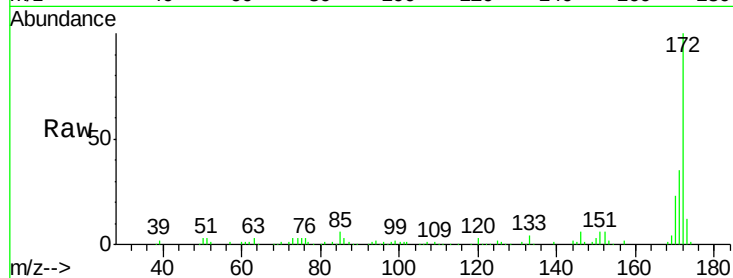




#44
 2-Fluorobiphenyl
 Concen: 81.08 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080444.D
 Acq: 13 Jul 2015 23:56

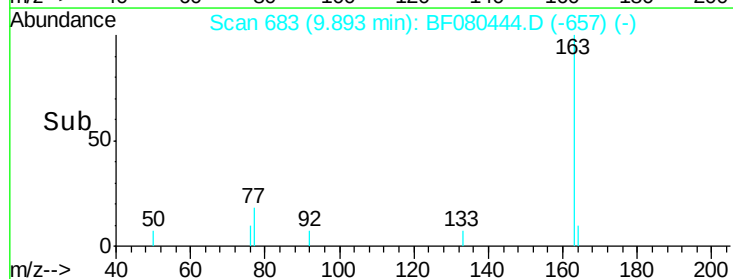
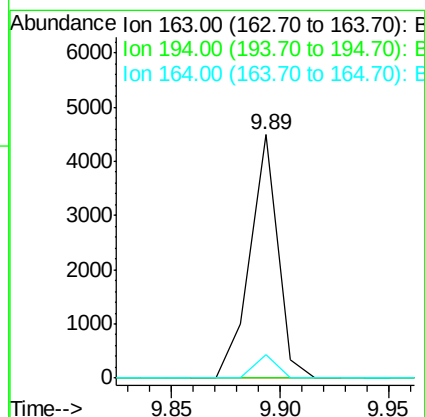
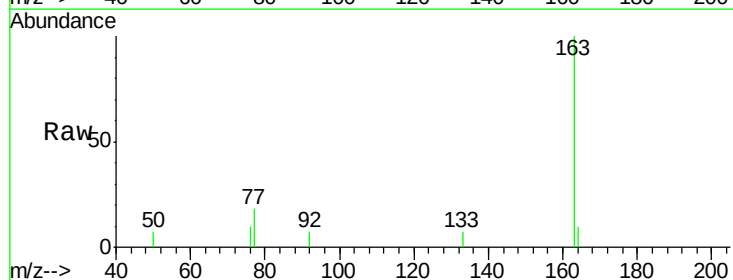
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

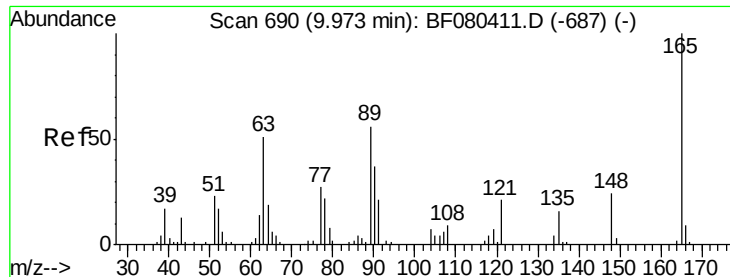
Tgt Ion:172 Resp: 138986
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.4 18.6 28.0



#49
 Dimethylphthalate
 Concen: 2.29 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080444.D
 Acq: 13 Jul 2015 23:56

Tgt Ion:163 Resp: 3989
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.2#
 164 9.7 7.4 11.0

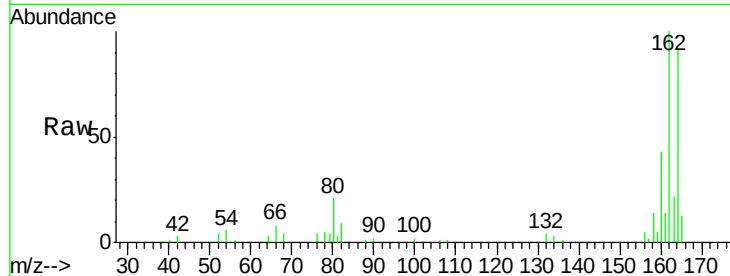




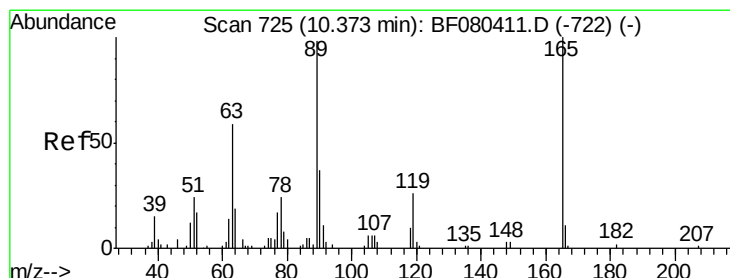
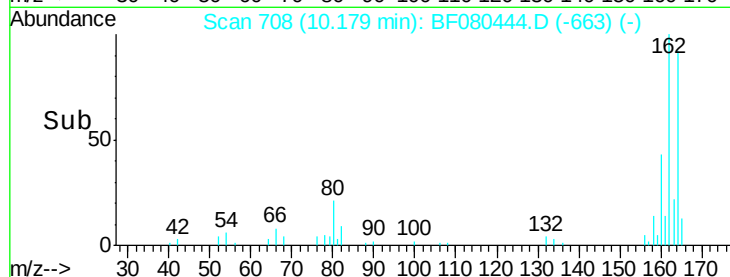
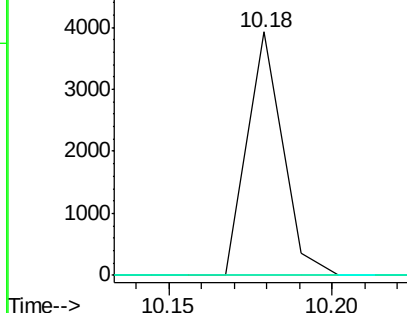
#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080444.D
 Acq: 13 Jul 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

Tgt Ion:165 Resp: 2938
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.5 66.7#
 89 0.0 44.5 66.7#

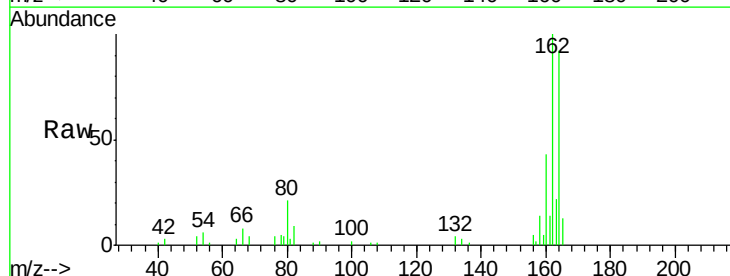


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

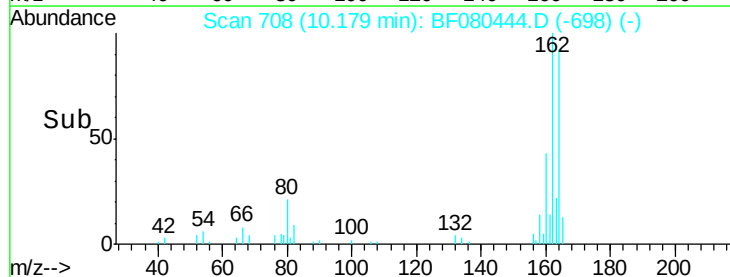
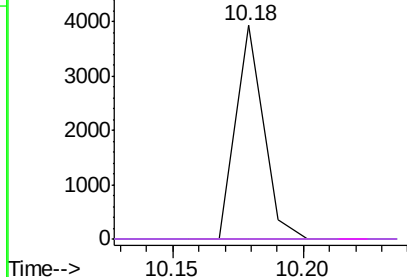


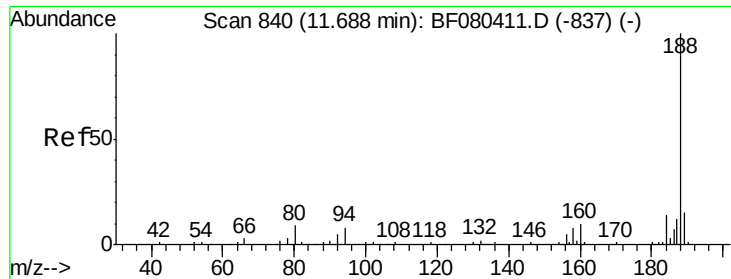
#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080444.D
 Acq: 13 Jul 2015 23:56

Tgt Ion:165 Resp: 2939
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.7 77.5#
 89 0.0 78.6 117.8#
 182 0.0 1.8 2.8#



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

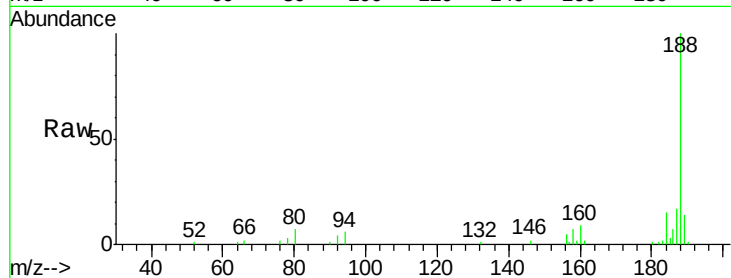




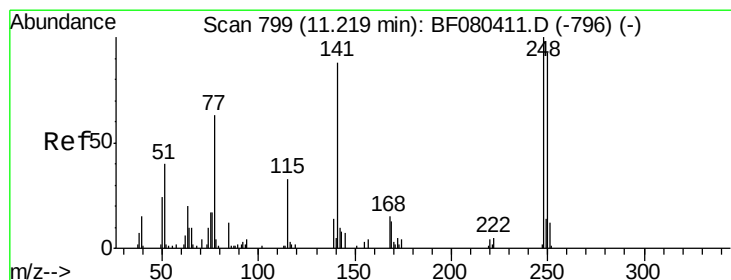
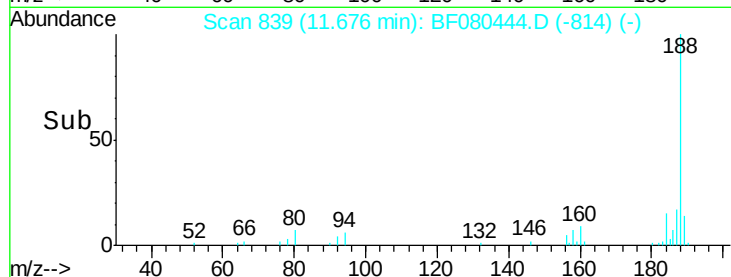
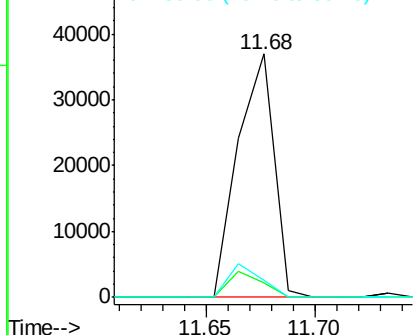
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Tgt Ion:188 Resp: 42714
Ion Ratio Lower Upper
188 100
94 5.9 6.7 10.1#
80 7.1 7.5 11.3#

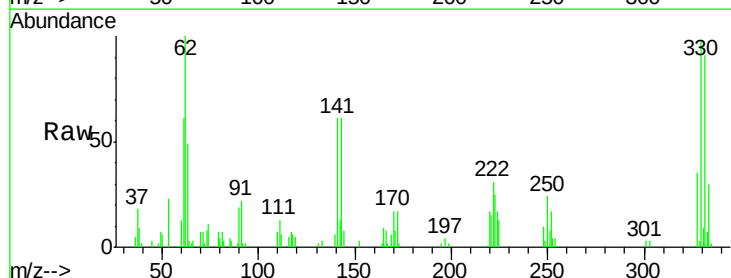


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

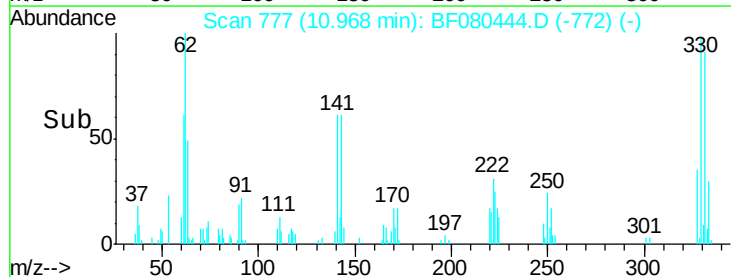
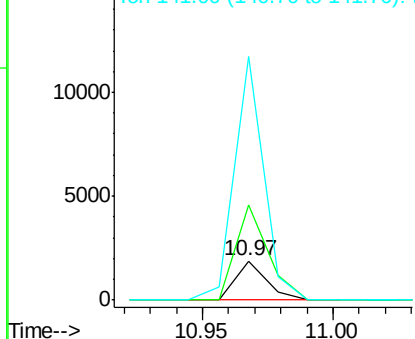


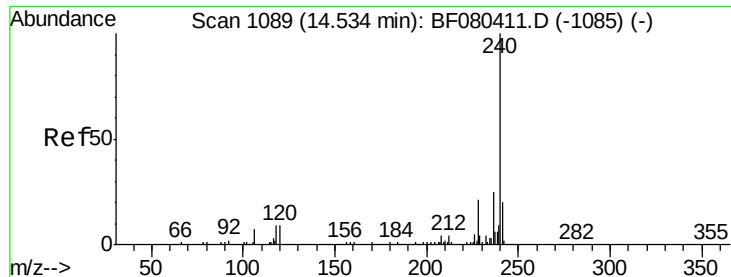
#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Tgt Ion:248 Resp: 1561
Ion Ratio Lower Upper
248 100
250 245.3 74.2 111.4#
141 623.9 70.7 106.1#



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: 14.56 min Scan# 1091

Delta R.T. -0.16 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

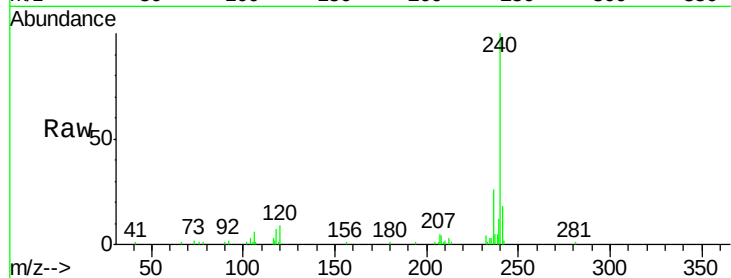
Tgt Ion:240 Resp: 50997

Ion Ratio Lower Upper

240 100

120 8.7 7.4 11.2

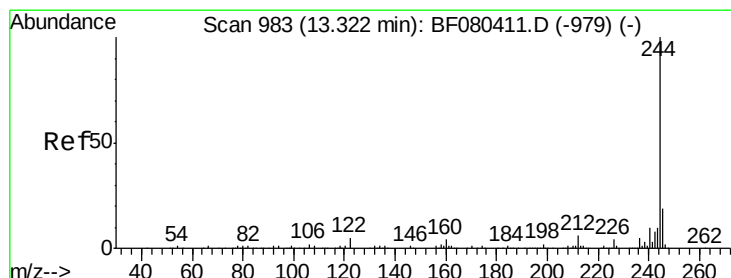
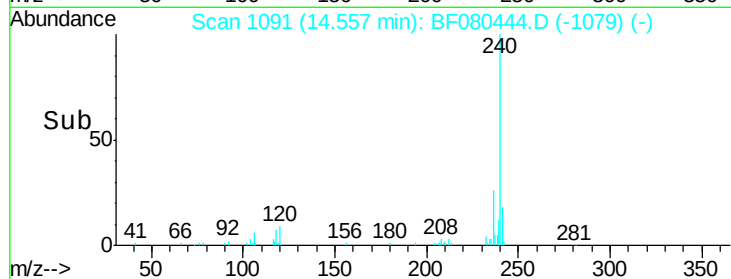
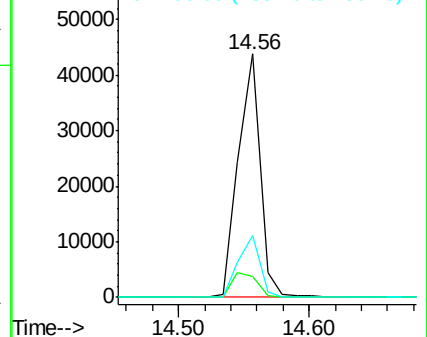
236 25.5 19.7 29.5



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: 63.49 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF080444.D

Acq: 13 Jul 2015 23:56

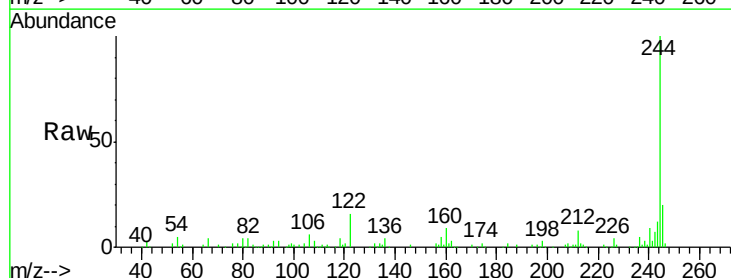
Tgt Ion:244 Resp: 149087

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

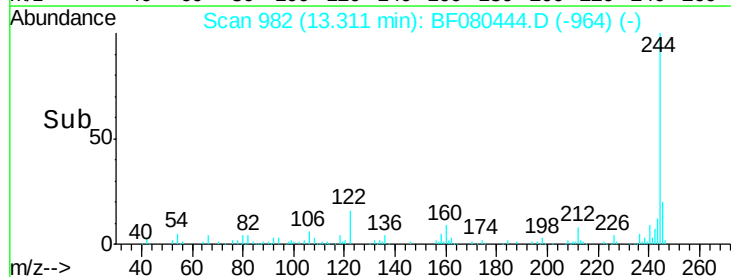
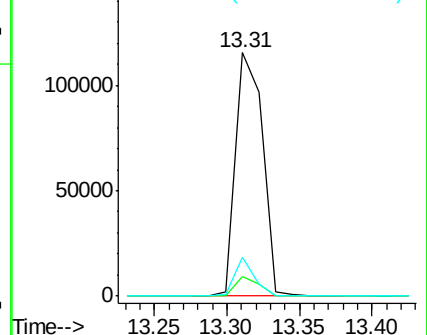
122 16.1 4.1 6.1#

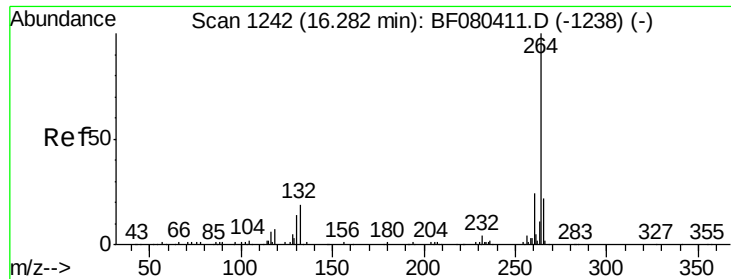


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.33 min Scan# 1246
Delta R.T. -0.26 min
Lab File: BF080444.D
Acq: 13 Jul 2015 23:56

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

Tgt Ion: 264 Resp: 61795
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.0 17.8 26.8

