

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080433.D
 Acq On : 13 Jul 2015 18:35
 Operator : TP/UM
 Sample : G2945-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-98

Quant Time: Jul 14 00:59:53 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

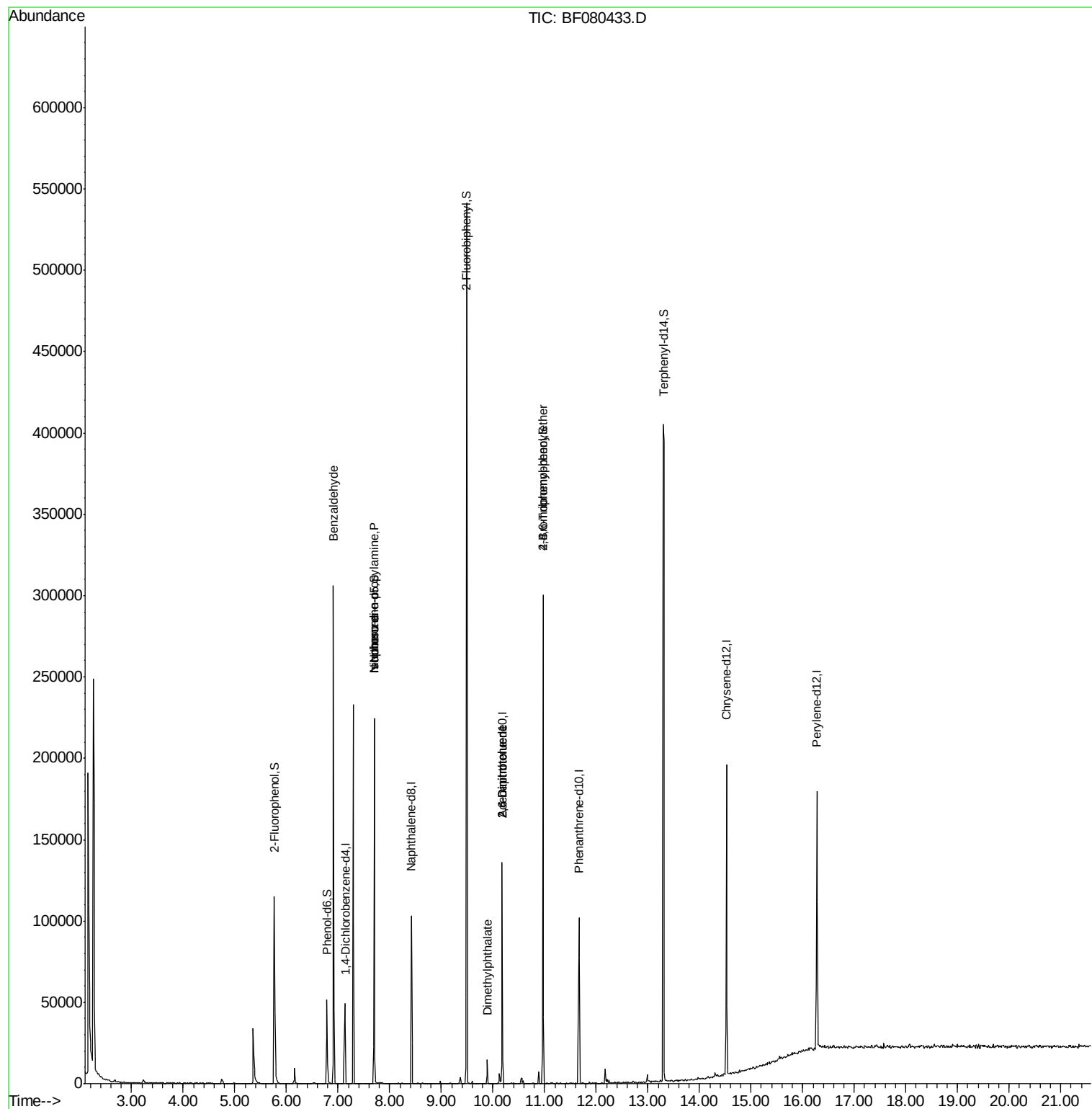
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	10766	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	44116	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	25184	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	51141	20.00	ng	-0.02
75) Chrysene-d12	14.52	240	71811	20.00	ng	-0.19
86) Perylene-d12	16.27	264	78950	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	36010	57.32	ng	0.00
7) Phenol-d6	6.78	99	25936	30.99	ng	0.01
23) Nitrobenzene-d5	7.70	82	64512	83.40	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	25753	104.78	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	149585	80.00	ng	0.00
78) Terphenyl-d14	13.31	244	196777	59.51	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.91	77	1695	3.66	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.70	70	8223	14.36	ng	# 81
25) Isophorone	7.70	82	64522	46.54	ng	# 73
49) Dimethylphthalate	9.89	163	8024	4.22	ng	# 96
50) 2,6-Dinitrotoluene	10.18	165	2899	6.78	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	2900	5.80	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2223	4.08	ng	# 1

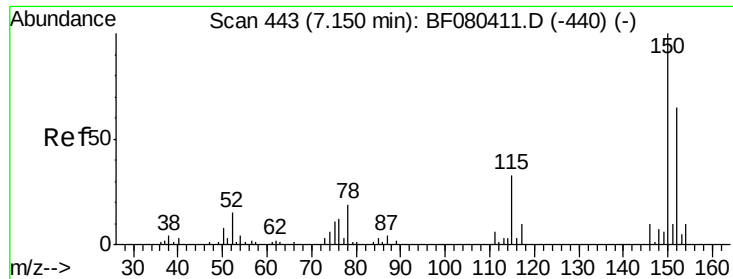
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 00:59:53 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



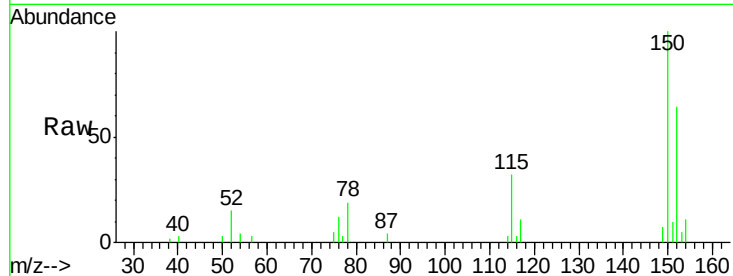


#1

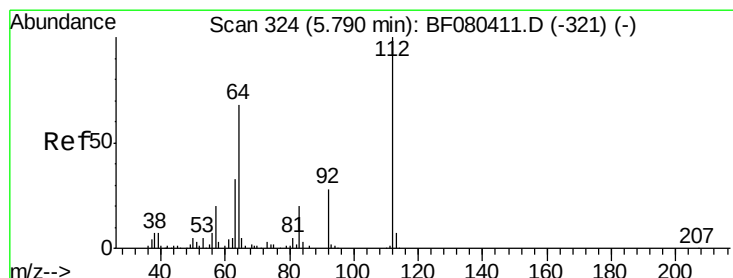
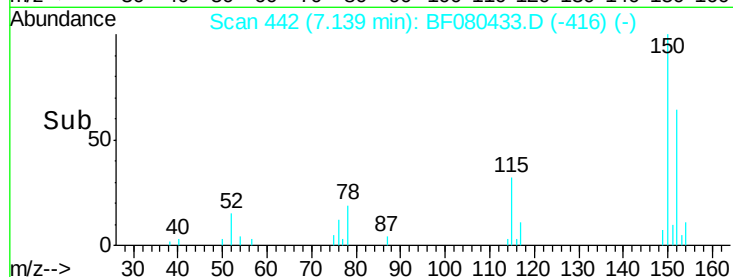
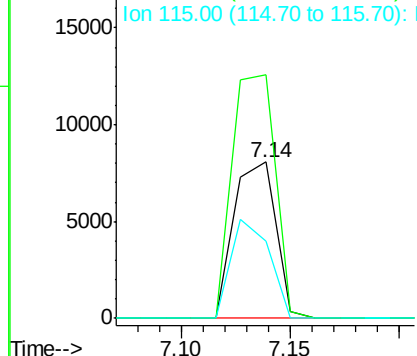
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Instrument :
BNA_F
ClientSampleId :
TE-MW-98

Tgt Ion:152 Resp: 10766
Ion Ratio Lower Upper
152 100
150 155.8 122.3 183.5
115 49.2 41.0 61.4



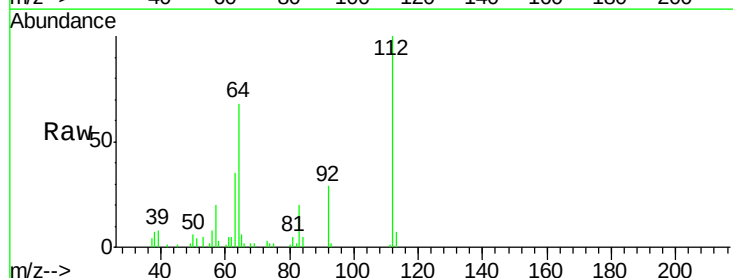
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



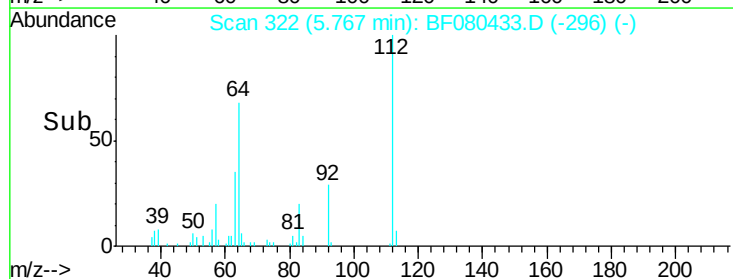
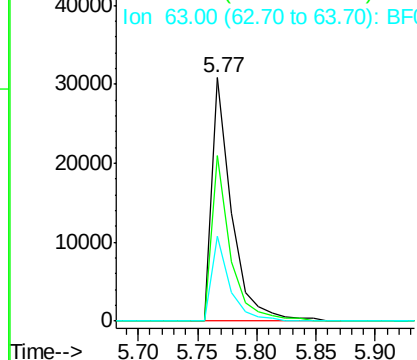
#5

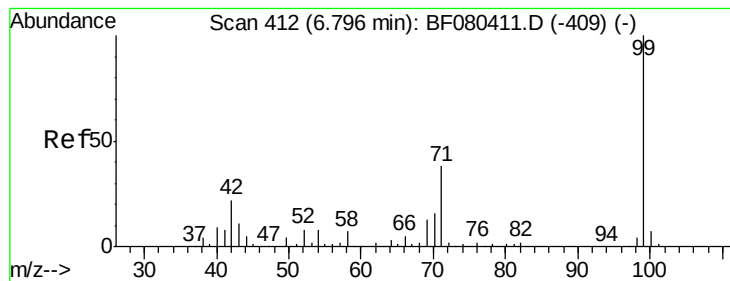
2-Fluorophenol
Concen: 57.32 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.00 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Tgt Ion:112 Resp: 36010
Ion Ratio Lower Upper
112 100
64 67.8 54.3 81.5
63 34.9 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: 30.99 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

Instrument :

BNA_F

ClientSampleId :

TE-MW-98

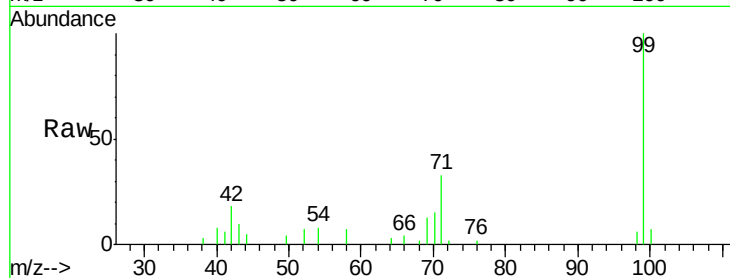
Tgt Ion: 99 Resp: 25936

Ion Ratio Lower Upper

99 100

42 18.5 17.9 26.9

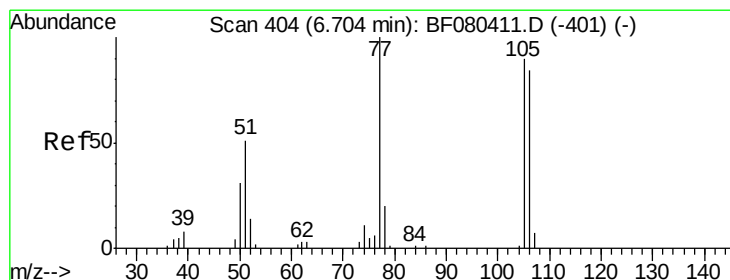
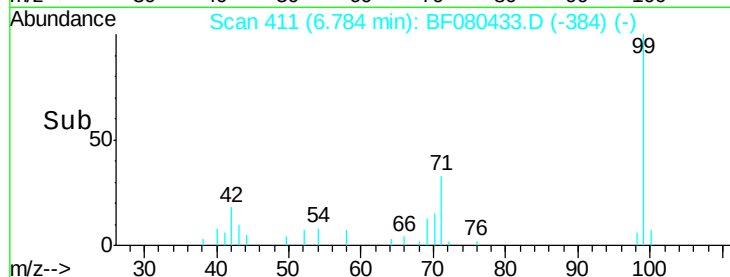
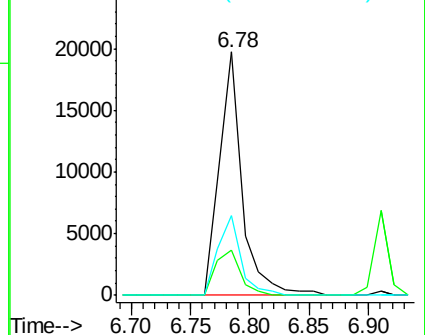
71 32.7 30.1 45.1



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



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

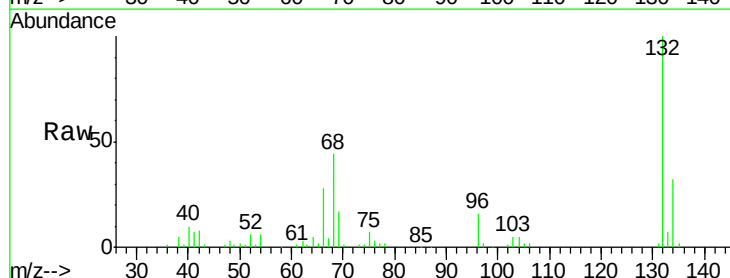
Tgt Ion: 77 Resp: 1695

Ion Ratio Lower Upper

77 100

105 80.6 69.6 109.6

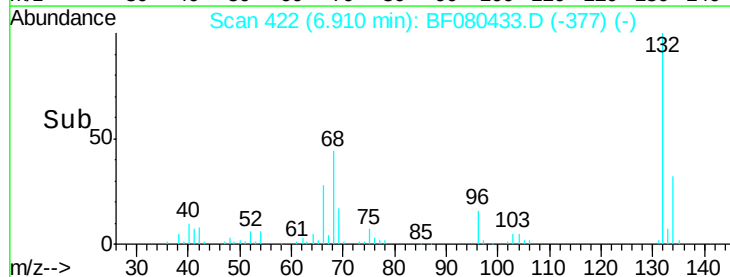
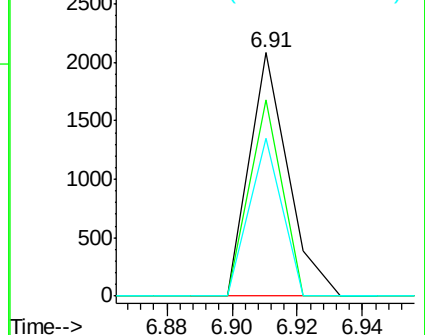
106 65.0 63.6 103.6

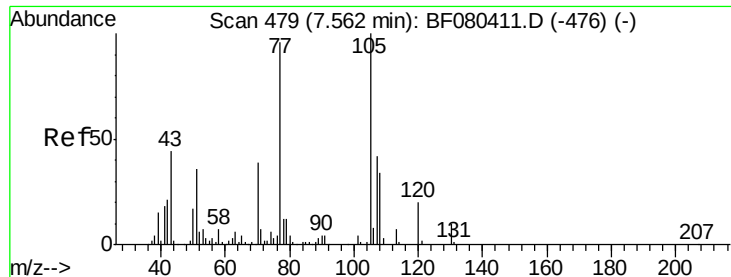


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

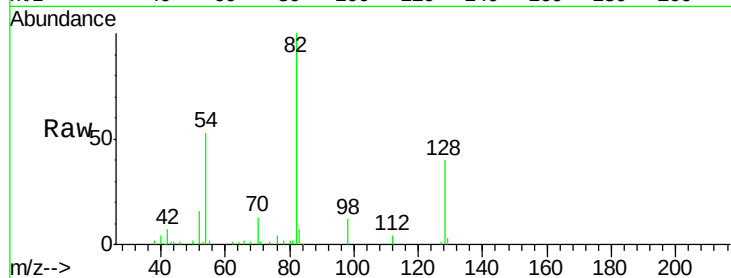




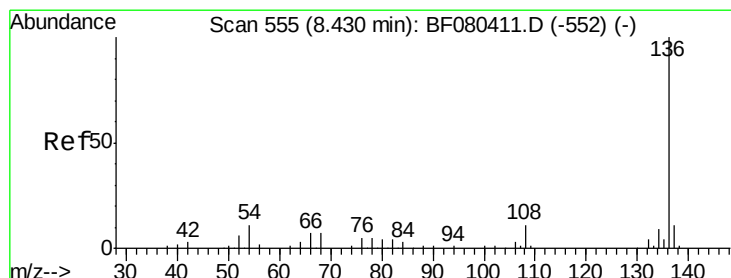
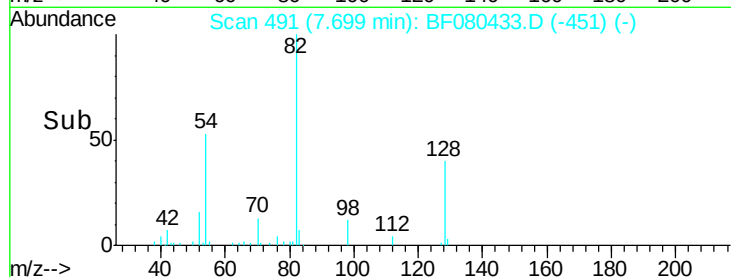
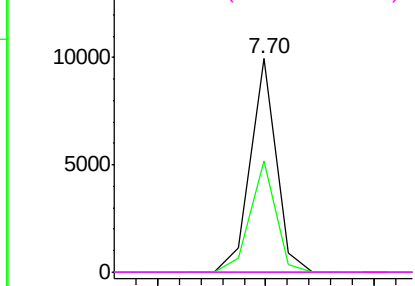
#19
n-Nitroso-di-n-propylamine
Concen: 14.36 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Instrument :
BNA_F
ClientSampleId :
TE-MW-98

Tgt Ion: 70 Resp: 8223
Ion Ratio Lower Upper
70 100
42 52.4 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

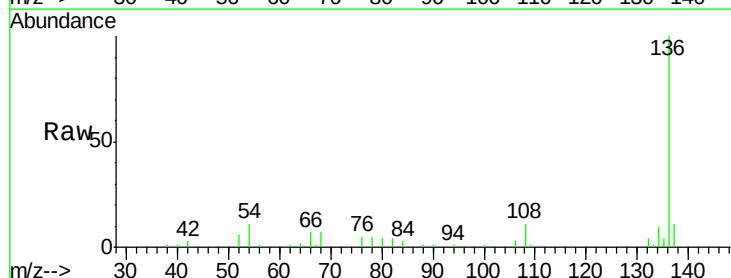


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

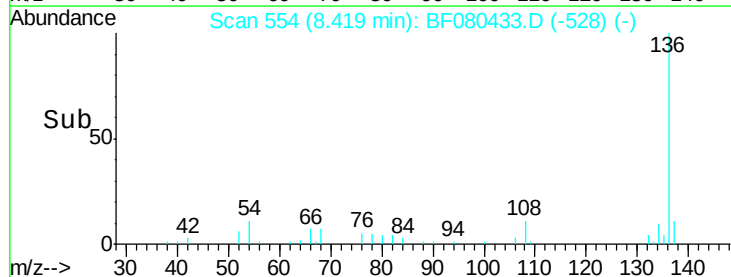
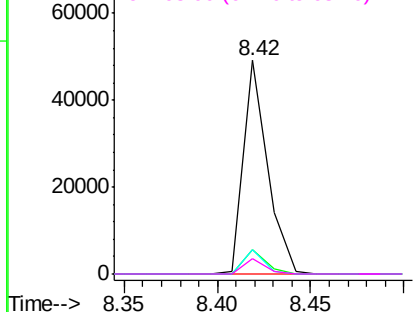


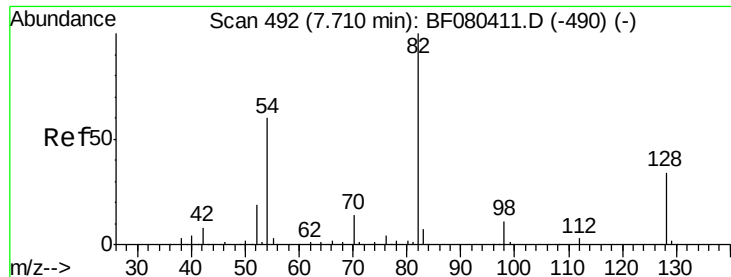
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Tgt Ion: 136 Resp: 44116
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 11.2 9.1 13.7
68 7.0 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: 83.40 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

Instrument :

BNA_F

ClientSampleId :

TE-MW-98

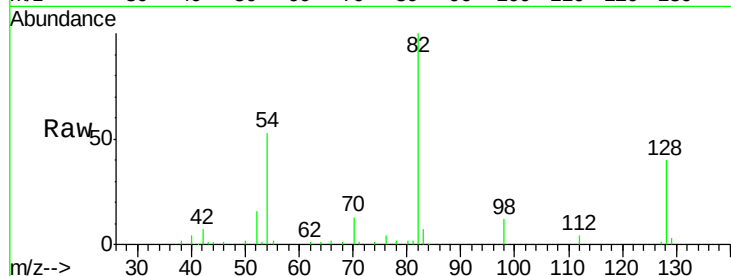
Tgt Ion: 82 Resp: 64512

Ion Ratio Lower Upper

82 100

128 39.8 26.9 40.3

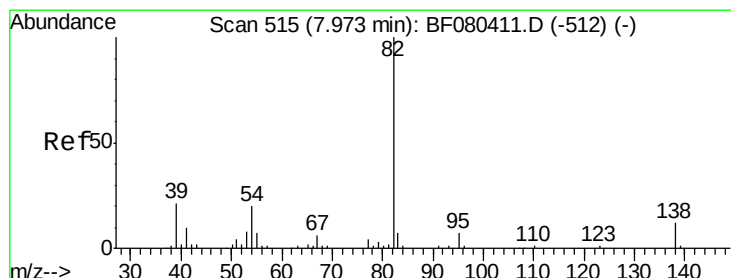
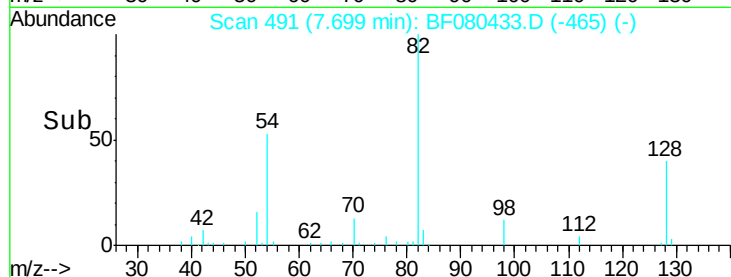
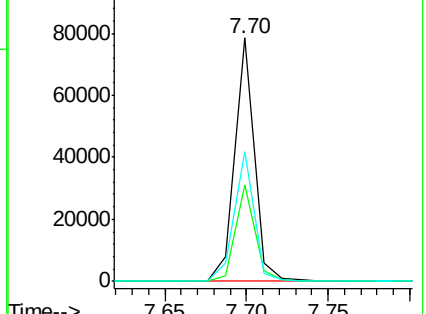
54 53.3 47.7 71.5



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: 46.54 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

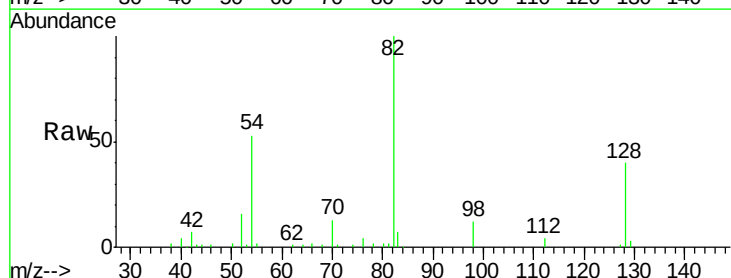
Tgt Ion: 82 Resp: 64522

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

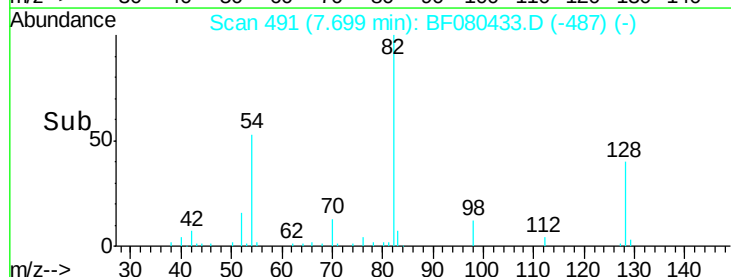
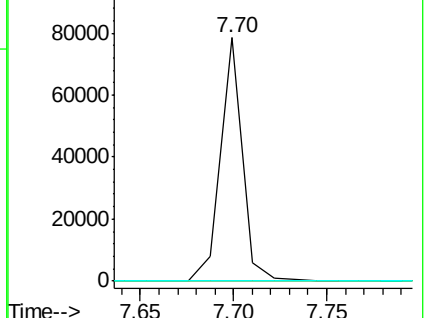
138 0.0 9.5 14.3#

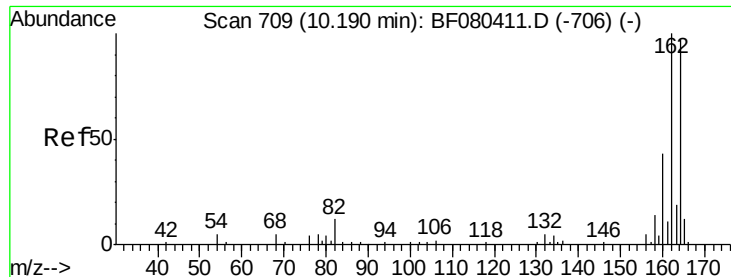


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF080433.D

Acq: 13 Jul 2015 18:35

Instrument :

BNA_F

ClientSampleId :

TE-MW-98

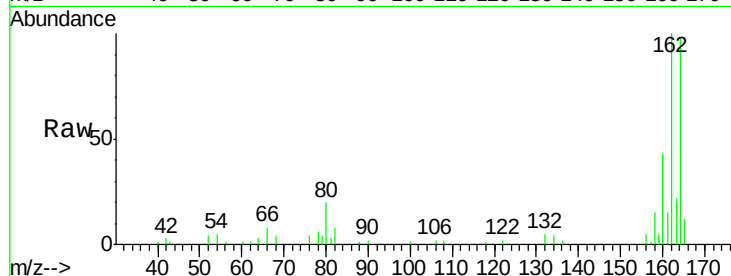
Tgt Ion:164 Resp: 25184

Ion Ratio Lower Upper

164 100

162 102.4 82.7 124.1

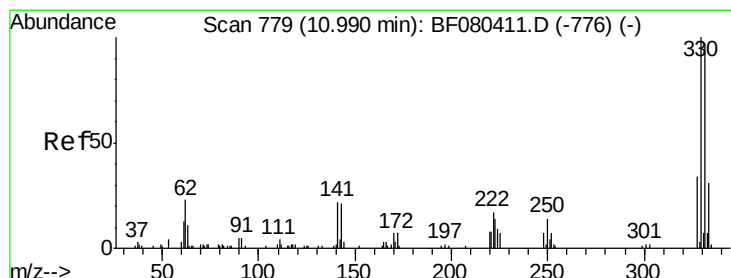
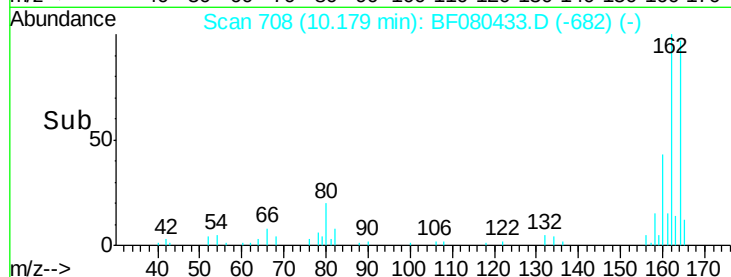
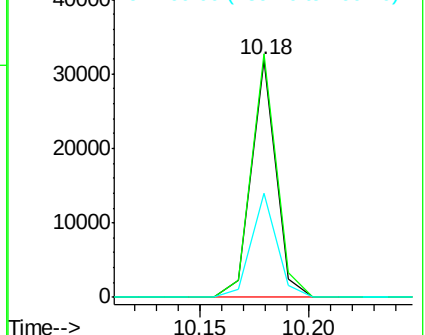
160 43.5 35.5 53.3



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: 104.78 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

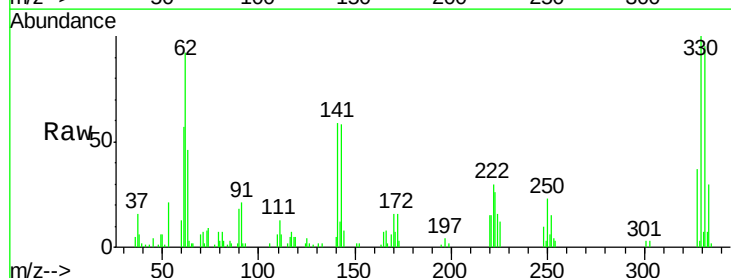
Tgt Ion:330 Resp: 25753

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

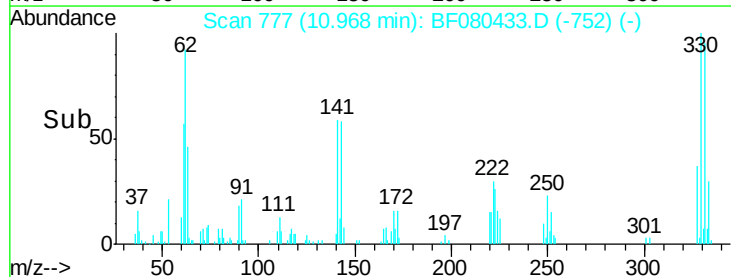
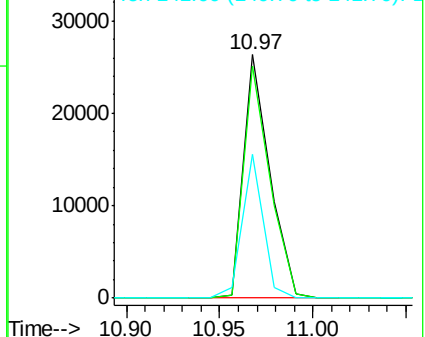
141 47.4 28.6 43.0#

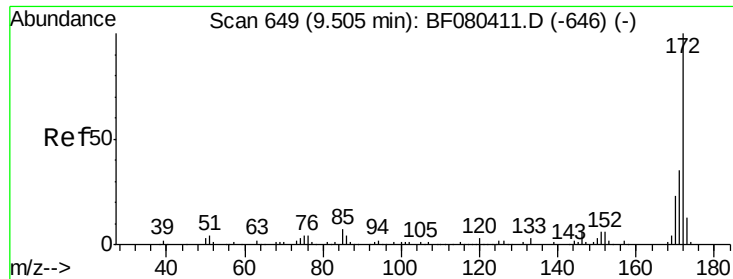


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

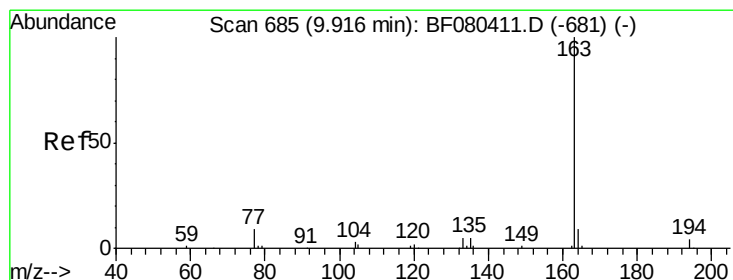
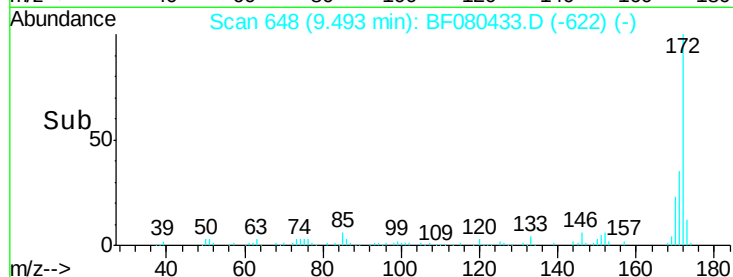
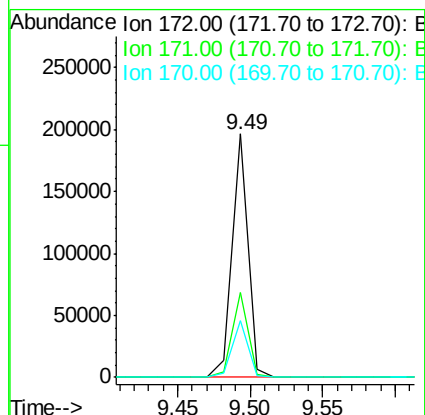
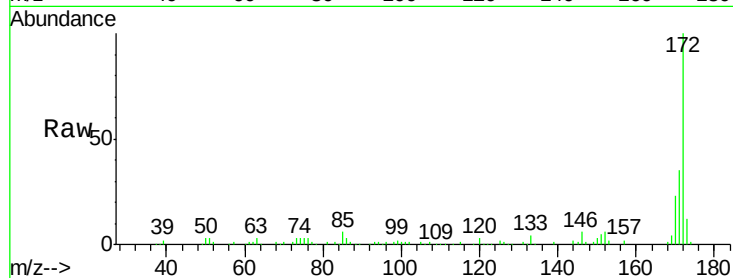




#44
 2-Fluorobiphenyl
 Concen: 80.00 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080433.D
 Acq: 13 Jul 2015 18:35

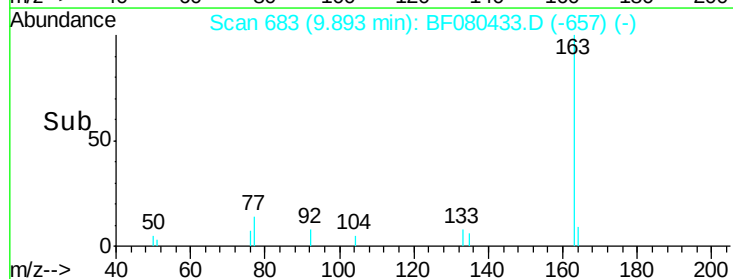
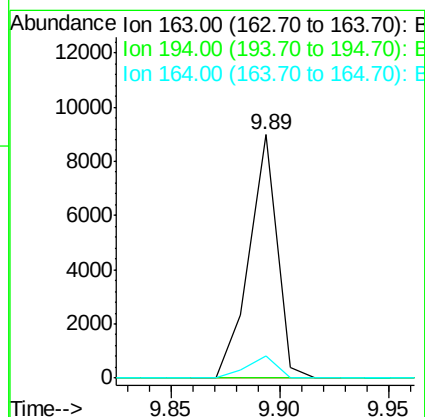
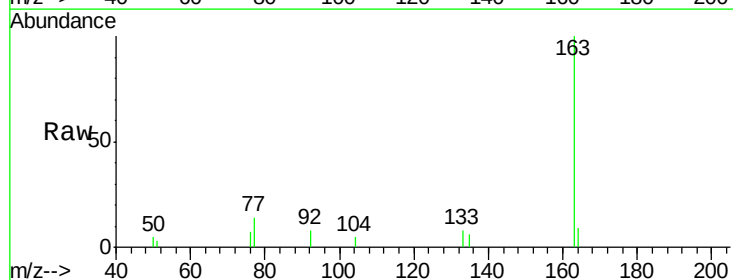
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-98

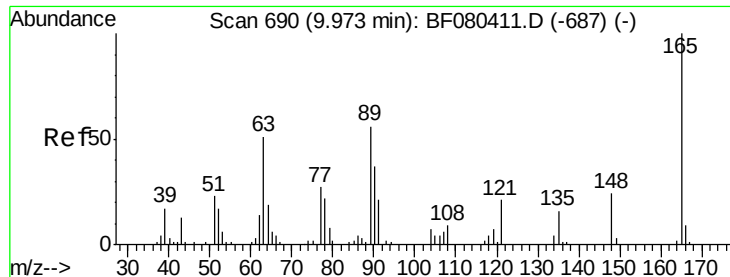
Tgt Ion:172 Resp: 149585
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.4 42.6
 170 23.4 18.6 28.0



#49
 Dimethylphthalate
 Concen: 4.22 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080433.D
 Acq: 13 Jul 2015 18:35

Tgt Ion:163 Resp: 8024
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.2#
 164 9.1 7.4 11.0

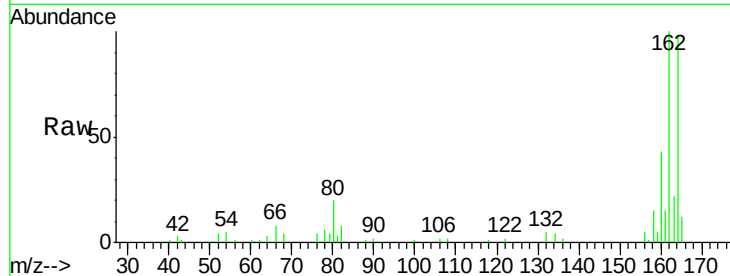




#50
 2,6-Dinitrotoluene
 Concen: 6.78 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080433.D
 Acq: 13 Jul 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-98

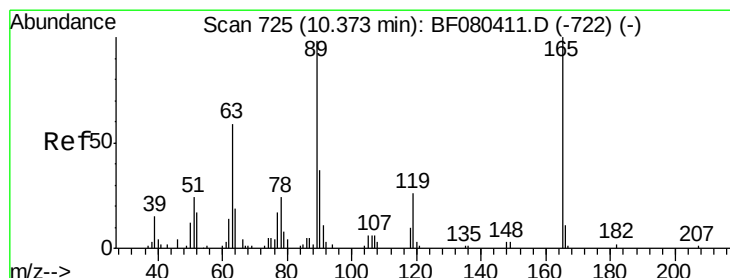
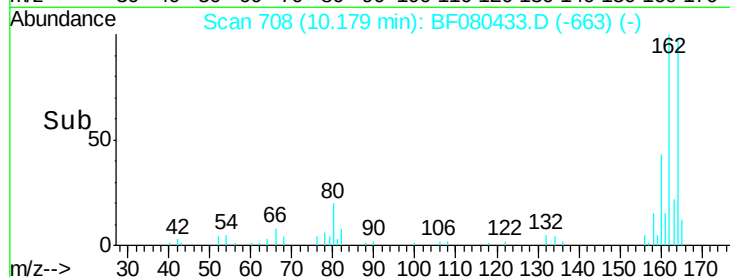
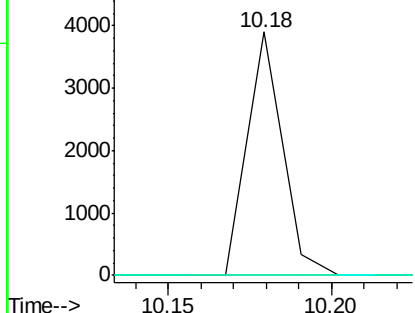
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#



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: 5.80 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080433.D
 Acq: 13 Jul 2015 18:35

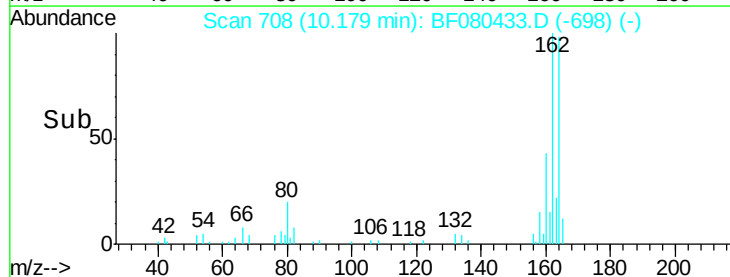
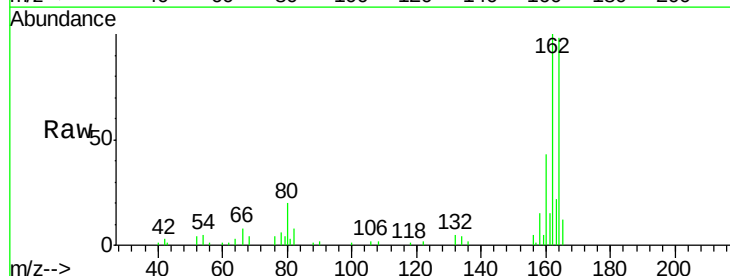
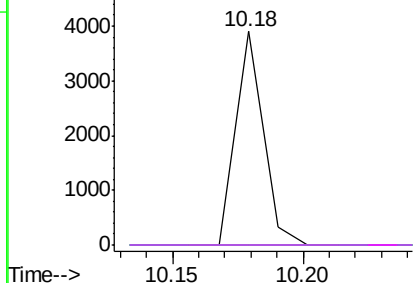
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.7	77.5#
89	0.0	78.6	117.8#
182	0.0	1.8	2.8#

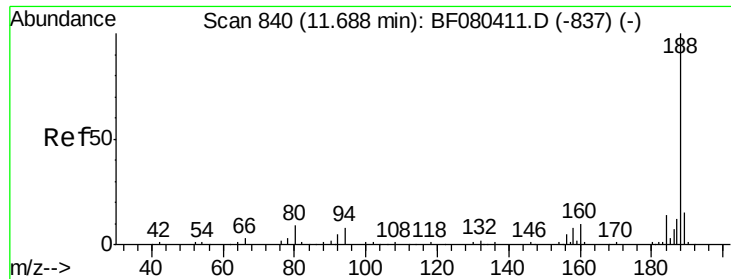
Abundance Ion 165.00 (164.70 to 165.70): E

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

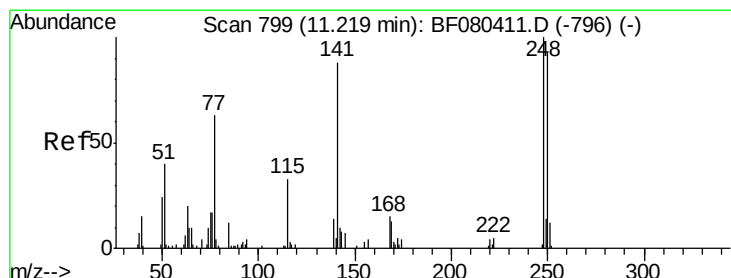
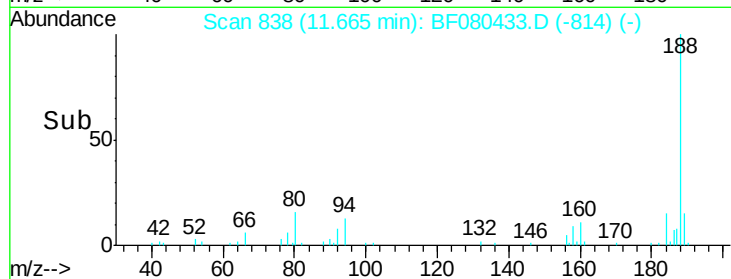
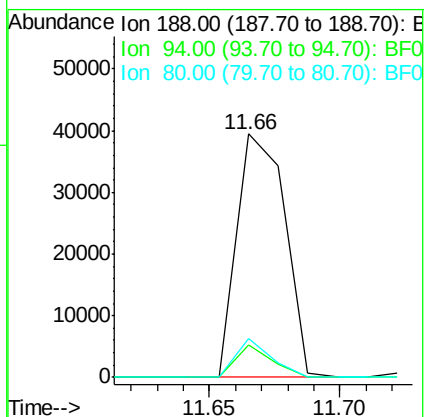
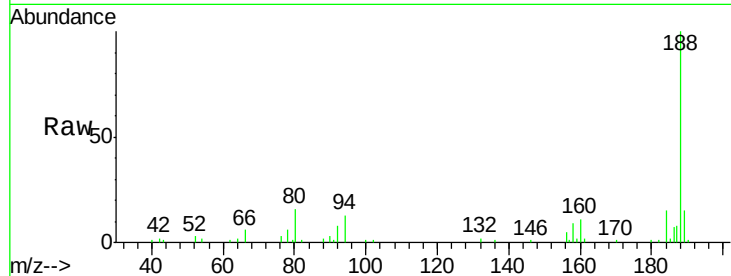




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

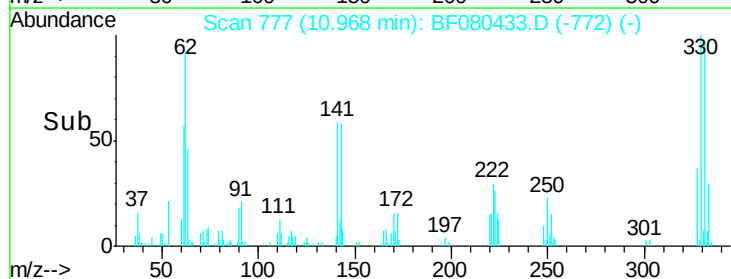
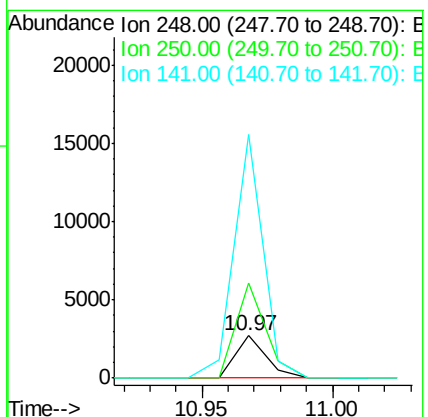
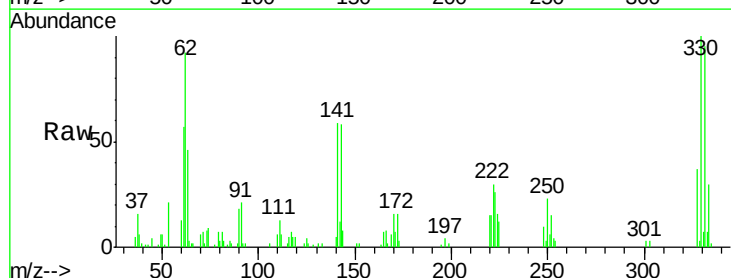
Instrument :
BNA_F
ClientSampleId :
TE-MW-98

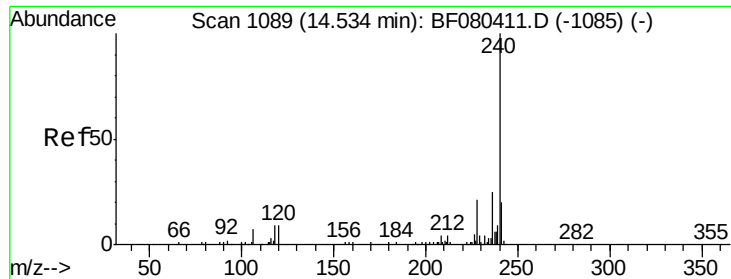
Tgt Ion:188 Resp: 51141
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 16.1 7.5 11.3#



#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Tgt Ion:248 Resp: 2223
Ion Ratio Lower Upper
248 100
250 224.9 74.2 111.4#
141 572.9 70.7 106.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.19 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

Instrument :

BNA_F

ClientSampleId :

TE-MW-98

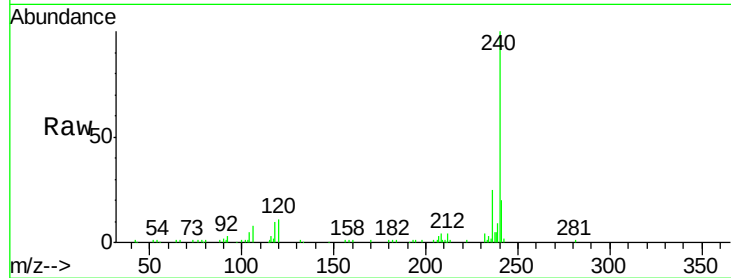
Tgt Ion:240 Resp: 71811

Ion Ratio Lower Upper

240 100

120 11.0 7.4 11.2

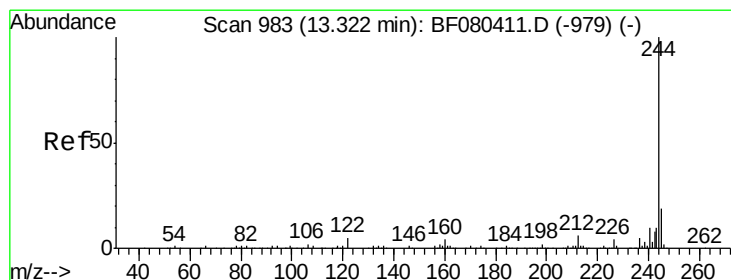
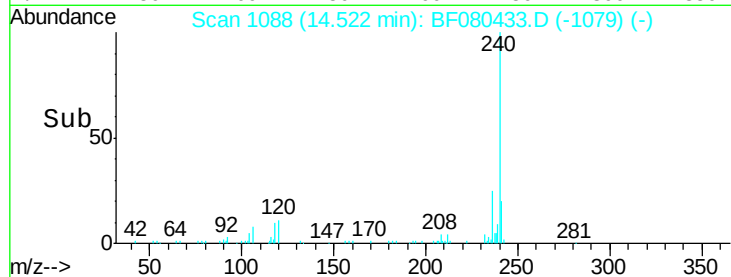
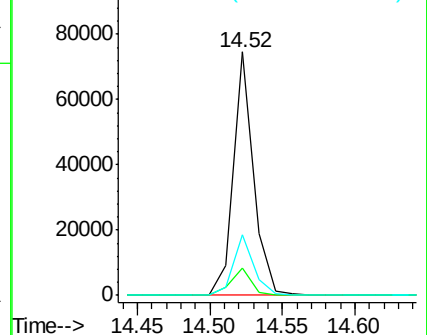
236 24.8 19.7 29.5



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: 59.51 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF080433.D

Acq: 13 Jul 2015 18:35

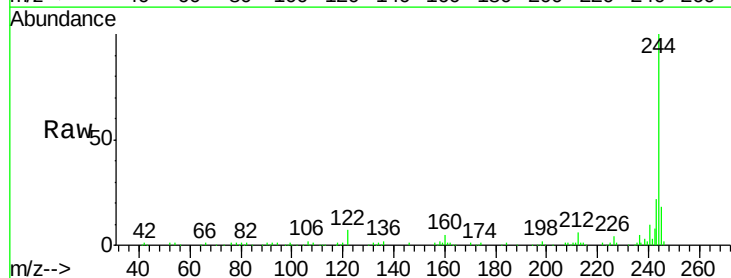
Tgt Ion:244 Resp: 196777

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

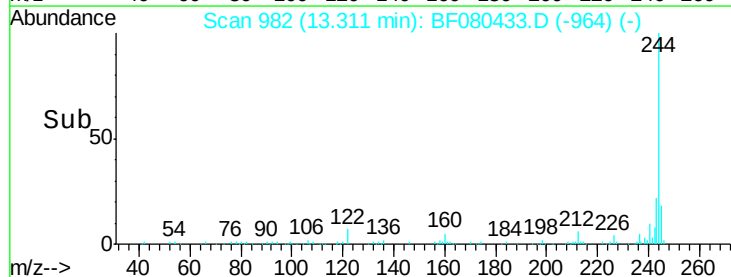
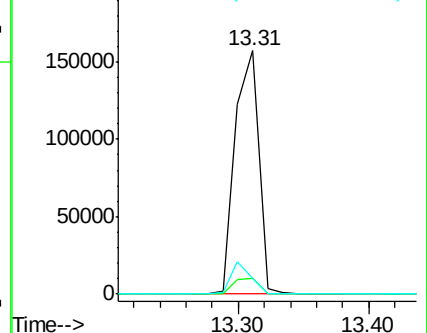
122 6.6 4.1 6.1#

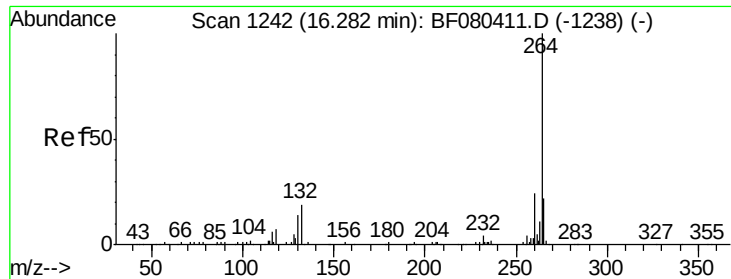


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.27 min Scan# 1241
Delta R.T. -0.32 min
Lab File: BF080433.D
Acq: 13 Jul 2015 18:35

Instrument :
BNA_F
ClientSampleId :
TE-MW-98

Tgt Ion: 264 Resp: 78950
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 20.7 17.8 26.8

