

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080439.D
 Acq On : 13 Jul 2015 21:31
 Operator : TP/UM
 Sample : G2945-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Quant Time: Jul 14 01:01:22 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	17083	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	75090	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	38964	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	77114	20.00	ng	-0.02
75) Chrysene-d12	14.51	240	101634	20.00	ng	-0.21
86) Perylene-d12	16.26	264	108665	20.00	ng	-0.33

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	65345	65.55	ng	0.00
7) Phenol-d6	6.78	99	49866	37.55	ng	0.01
23) Nitrobenzene-d5	7.70	82	111588	84.75	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	44287	116.46	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	252461	87.27	ng	0.00
78) Terphenyl-d14	13.30	244	352686	75.36	ng	-0.10

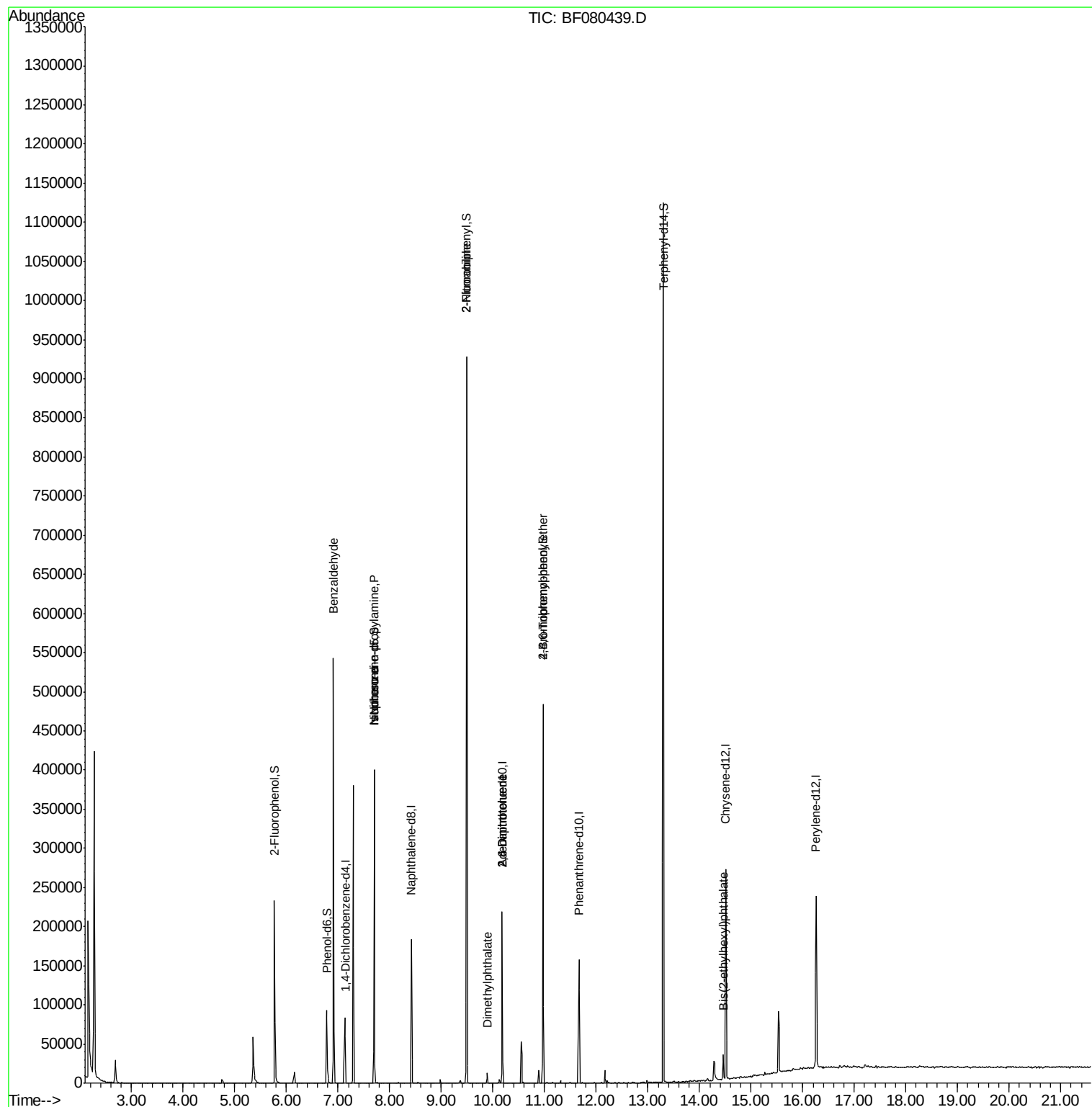
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.91	77	2846	3.87	ng	81
19) n-Nitroso-di-n-propylamine	7.70	70	14330	15.77	ng	# 79
25) Isophorone	7.70	82	111601	47.30	ng	# 73
47) 2-Nitroaniline	9.49	65	321	5.01	ng	# 1
49) Dimethylphthalate	9.89	163	7864	2.67	ng	# 94
50) 2,6-Dinitrotoluene	10.18	165	4873	7.37	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	4874	6.31	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	3561	4.33	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.47	149	11691	3.02	ng	97

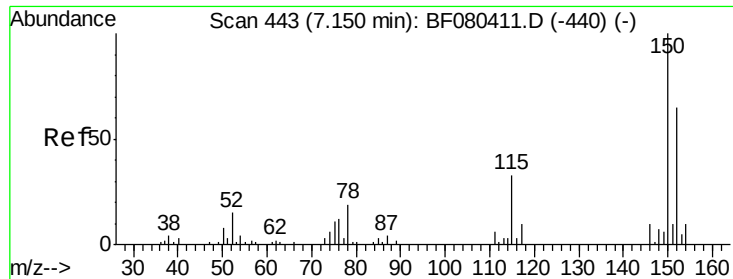
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 01:01:22 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: BF080439.D

Acq: 13 Jul 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

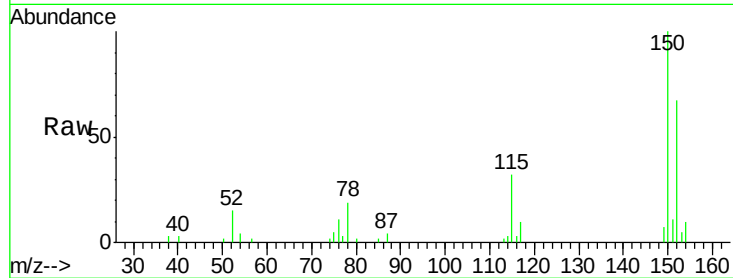
Tgt Ion:152 Resp: 17083

Ion Ratio Lower Upper

152 100

150 149.9 122.3 183.5

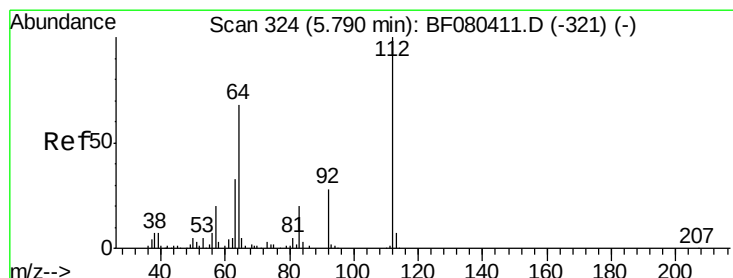
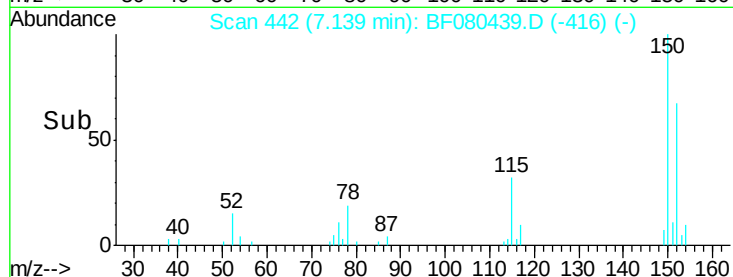
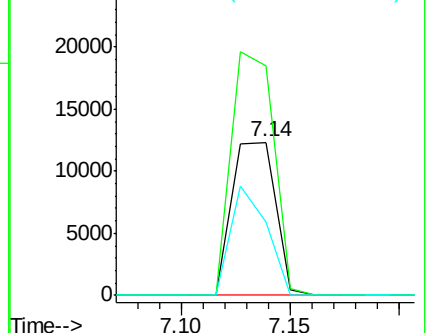
115 48.2 41.0 61.4



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: 65.55 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080439.D

Acq: 13 Jul 2015 21:31

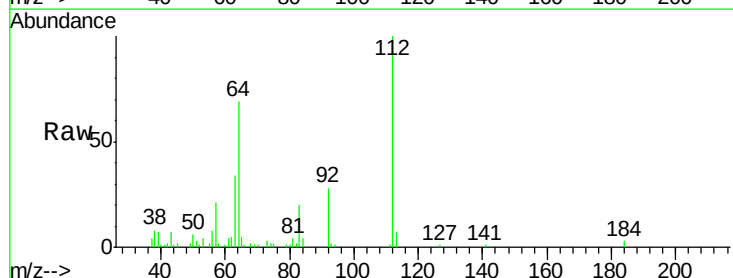
Tgt Ion:112 Resp: 65345

Ion Ratio Lower Upper

112 100

64 69.0 54.3 81.5

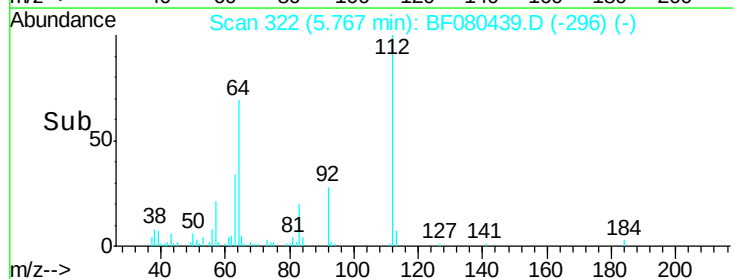
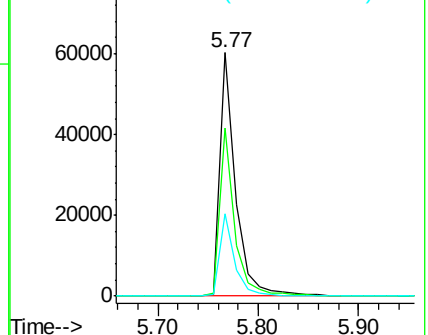
63 33.7 26.7 40.1

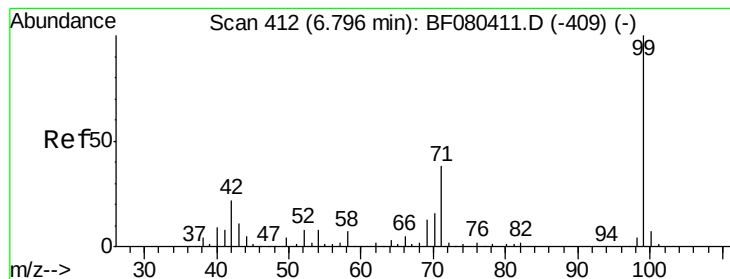


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.55 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080439.D

Acq: 13 Jul 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

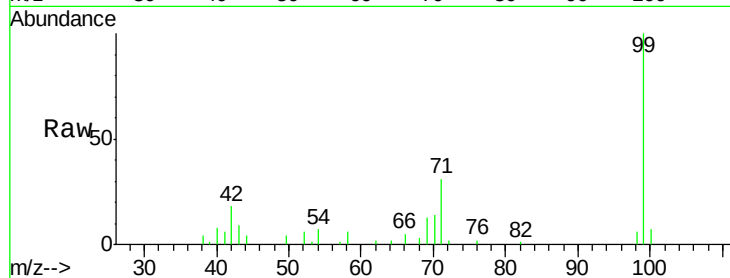
Tgt Ion: 99 Resp: 49866

Ion Ratio Lower Upper

99 100

42 18.3 17.9 26.9

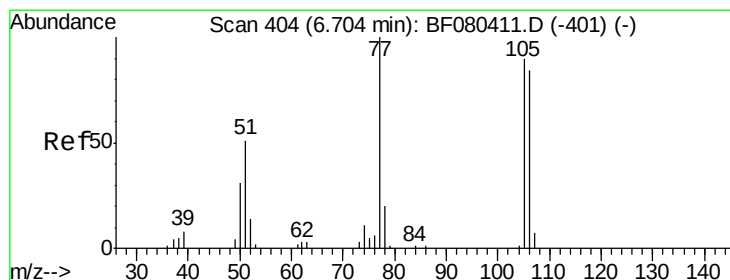
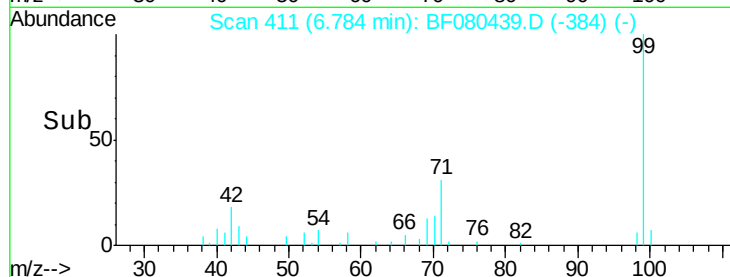
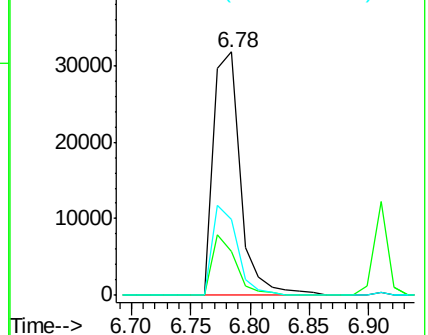
71 31.0 30.1 45.1



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: 3.87 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080439.D

Acq: 13 Jul 2015 21:31

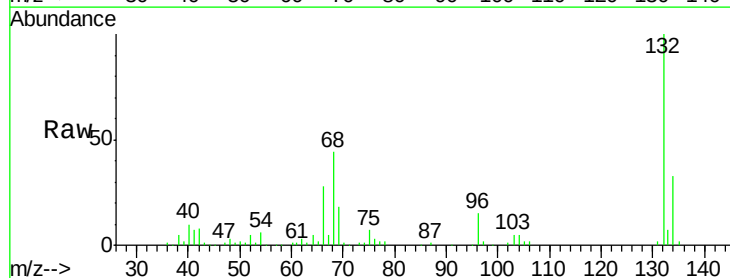
Tgt Ion: 77 Resp: 2846

Ion Ratio Lower Upper

77 100

105 73.0 69.6 109.6

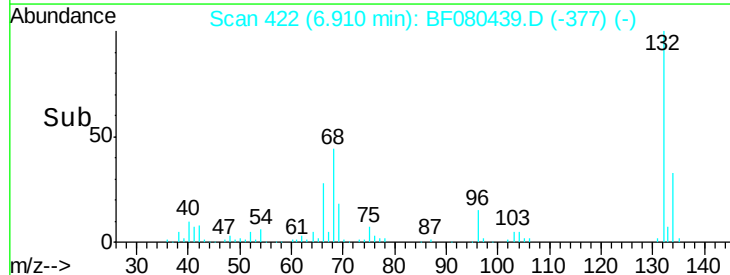
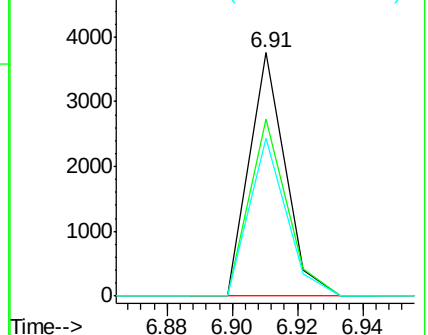
106 65.0 63.6 103.6

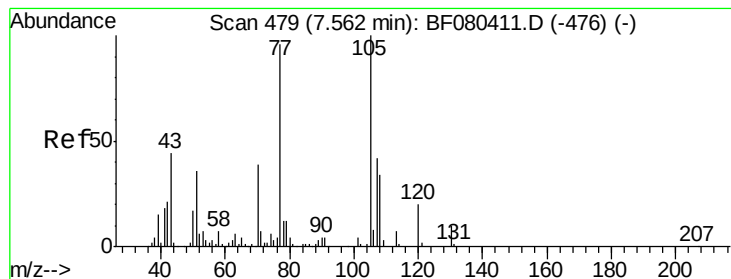


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.77 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080439.D

Acq: 13 Jul 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

Tgt Ion: 70 Resp: 14330

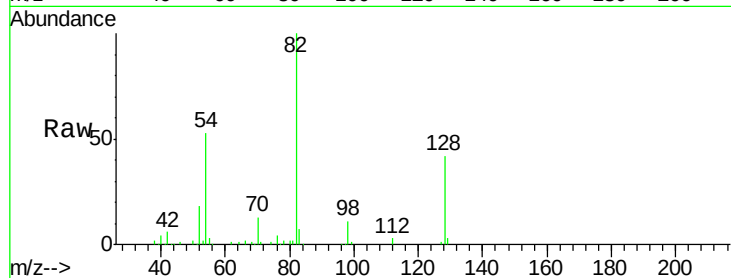
Ion Ratio Lower Upper

70 100

42 49.8 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#



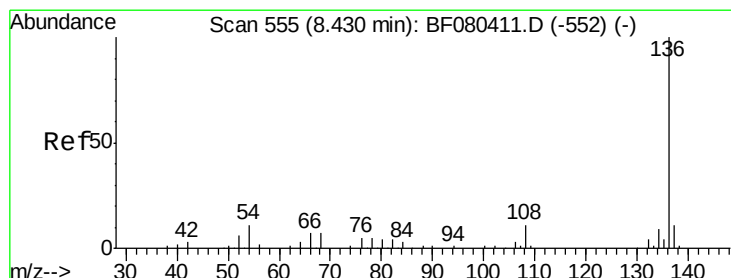
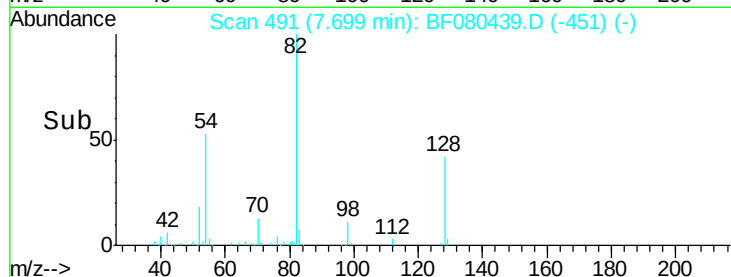
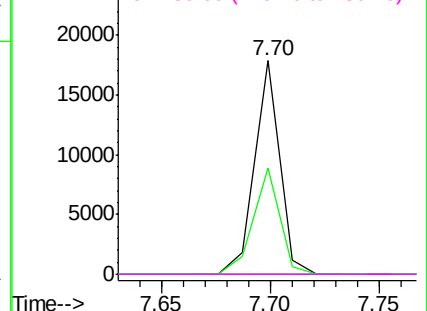
Abundance

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: BF080439.D

Acq: 13 Jul 2015 21:31

Tgt Ion: 136 Resp: 75090

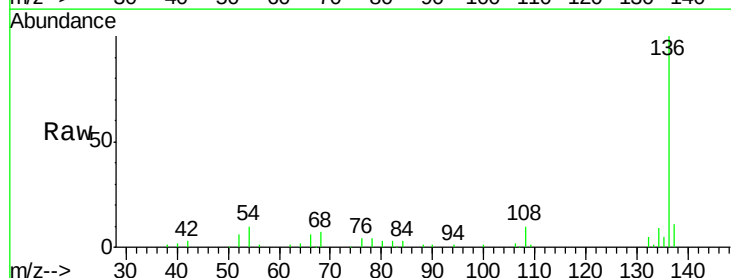
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 10.3 9.1 13.7

68 7.2 5.9 8.9



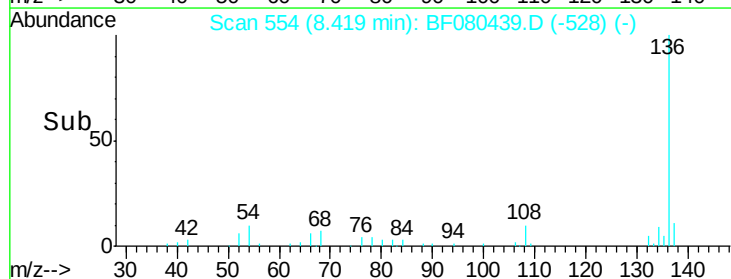
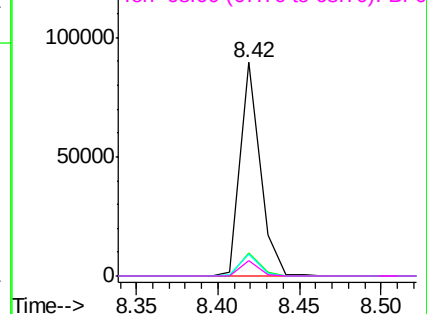
Abundance

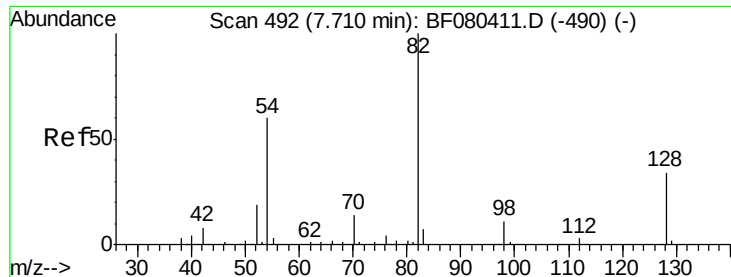
Ion 136.00 (135.70 to 136.70): E

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

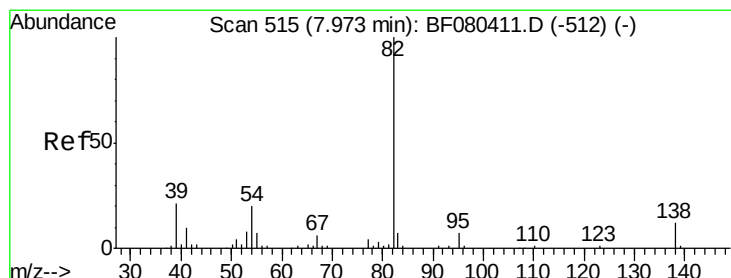
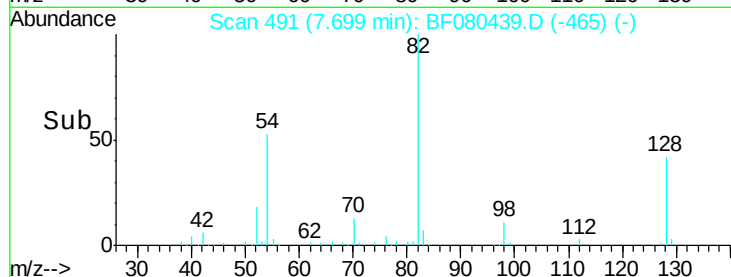
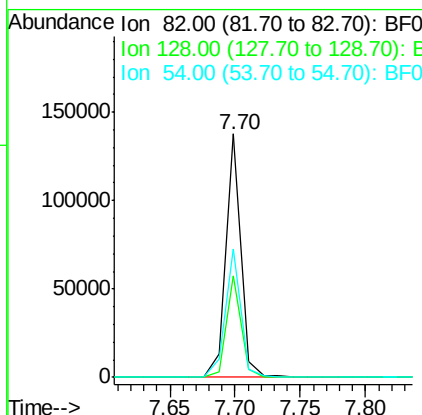
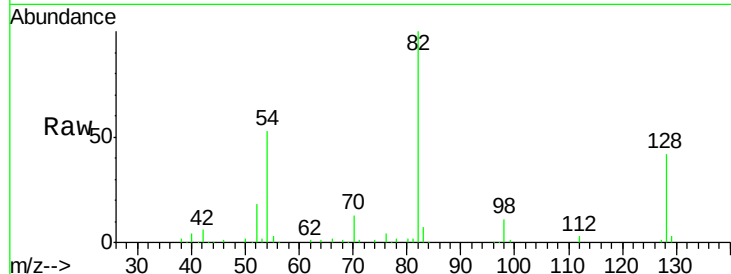




#23
 Nitrobenzene-d5
 Concen: 84.75 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

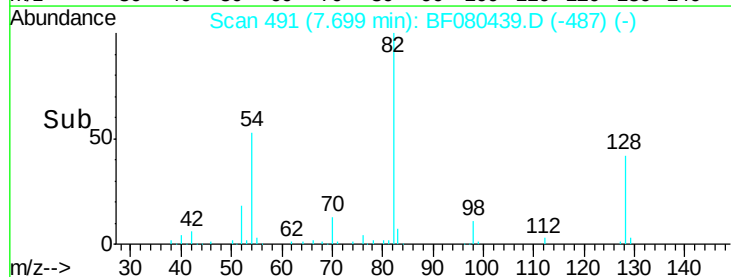
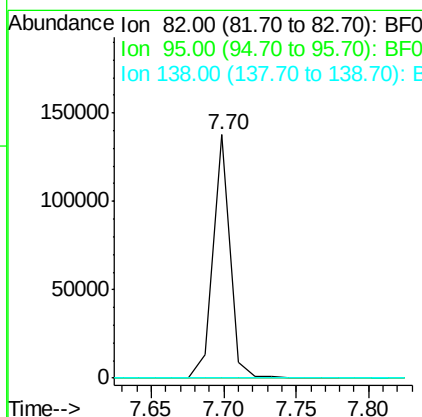
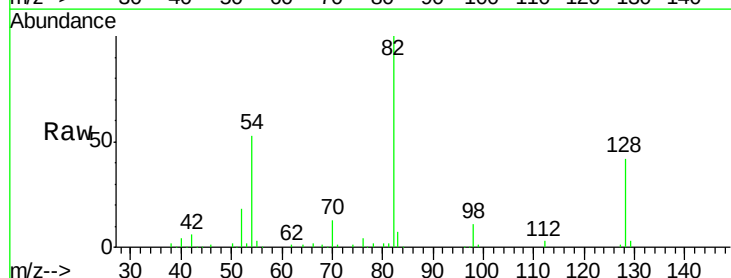
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

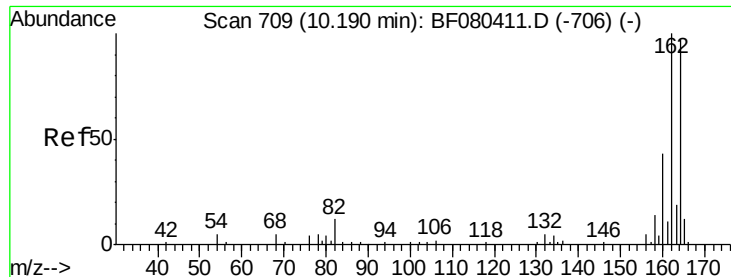
Tgt Ion: 82 Resp: 111588
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.9 40.3#
 54 52.5 47.7 71.5



#25
 Isophorone
 Concen: 47.30 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.25 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

Tgt Ion: 82 Resp: 111601
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 9.5 14.3#

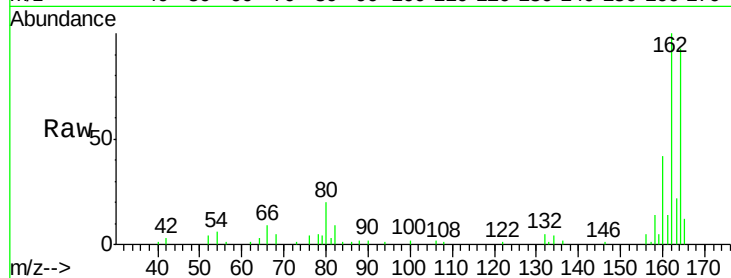




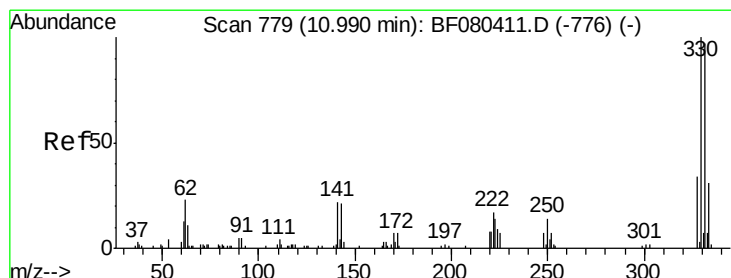
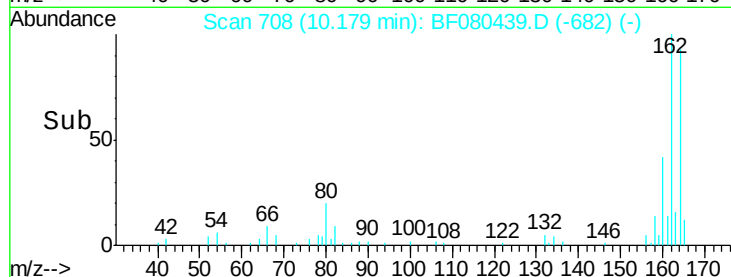
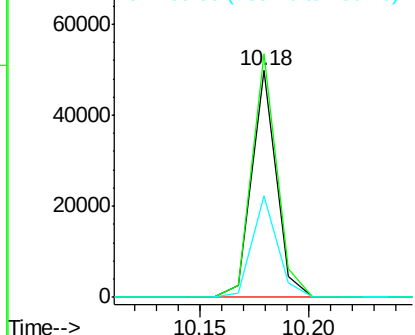
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:164 Resp: 38964
Ion Ratio Lower Upper
164 100
162 107.5 82.7 124.1
160 44.8 35.5 53.3

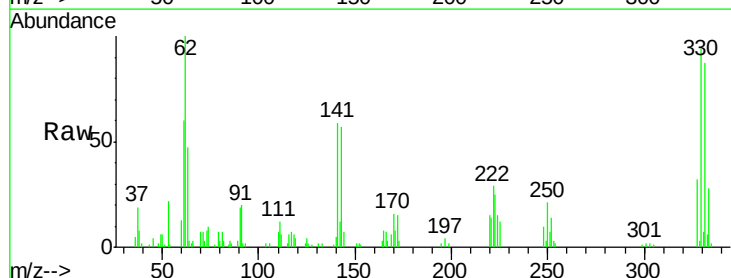


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

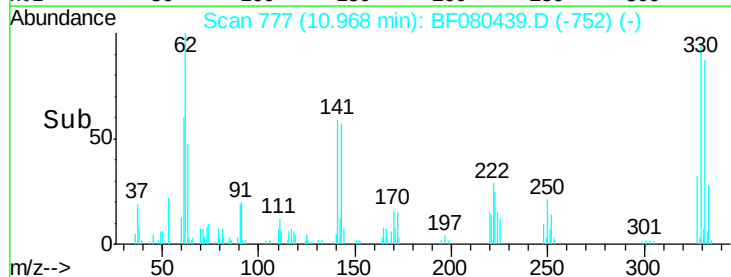
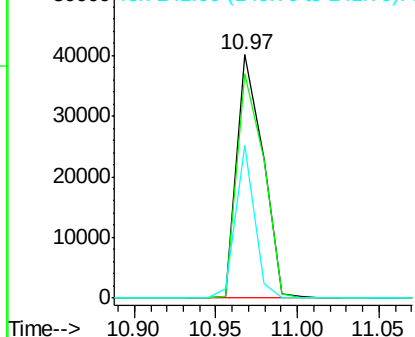


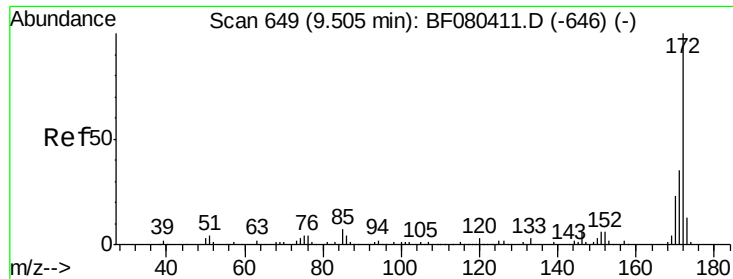
#41
2,4,6-Tribromophenol
Concen: 116.46 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Tgt Ion:330 Resp: 44287
Ion Ratio Lower Upper
330 100
332 94.5 78.0 117.0
141 45.1 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

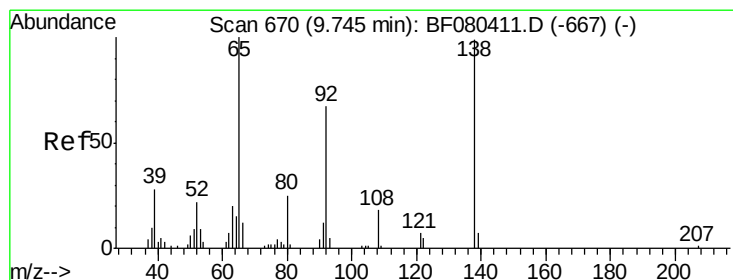
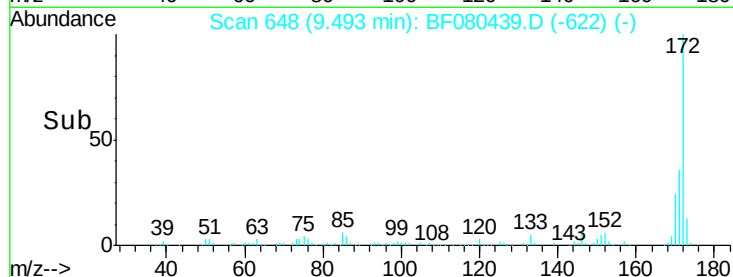
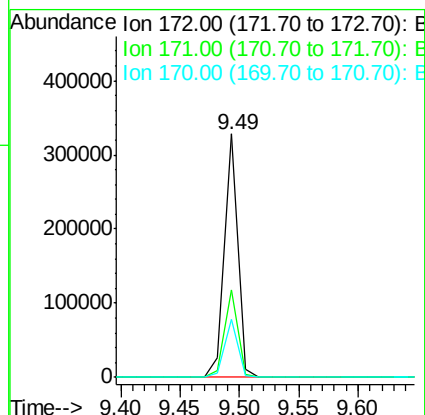
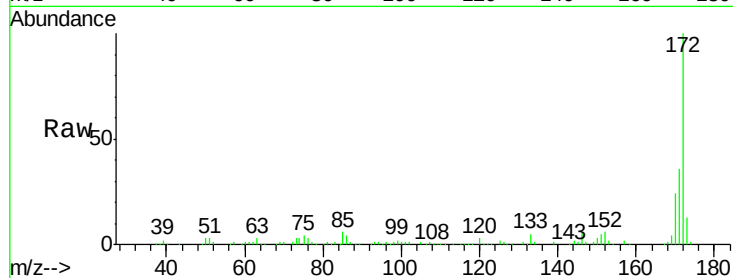




#44
2-Fluorobiphenyl
Concen: 87.27 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

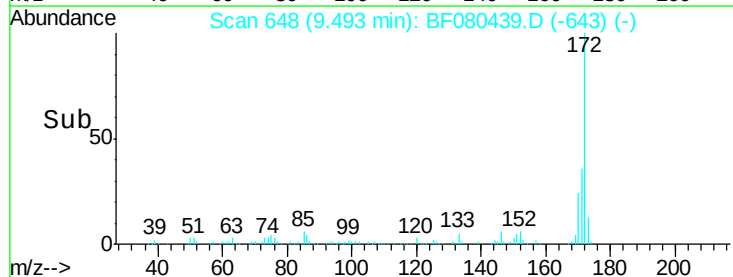
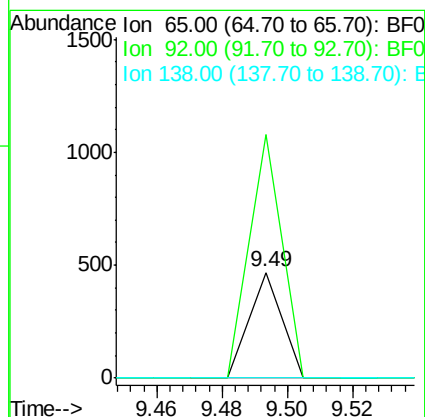
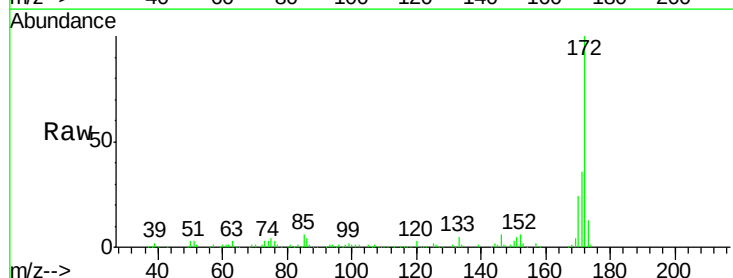
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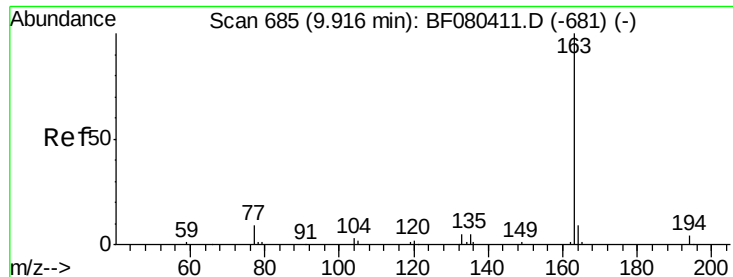
Tgt Ion: 172 Resp: 252461
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.6 18.6 28.0



#47
2-Nitroaniline
Concen: 5.01 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.24 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Tgt Ion: 65 Resp: 321
Ion Ratio Lower Upper
65 100
92 230.3 53.2 79.8#
138 0.0 78.9 118.3#

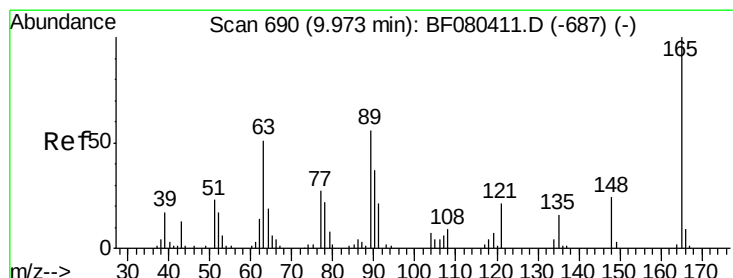
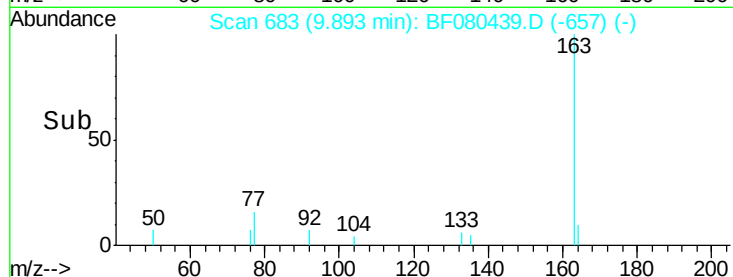
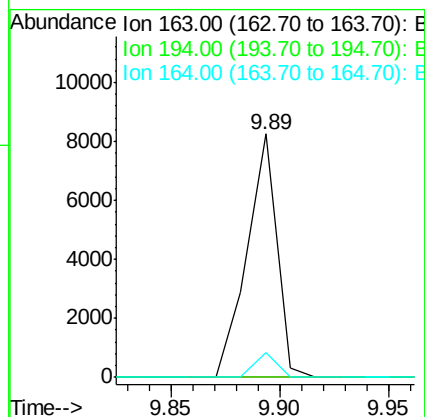
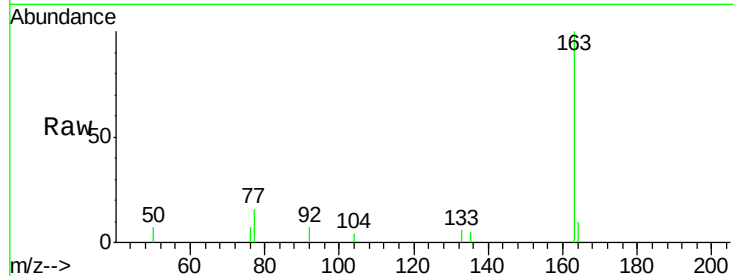




#49
Dimethylphthalate
Concen: 2.67 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

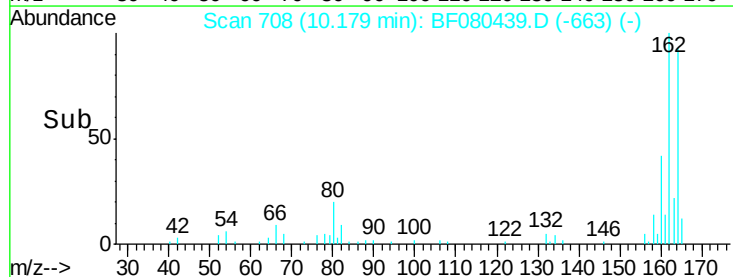
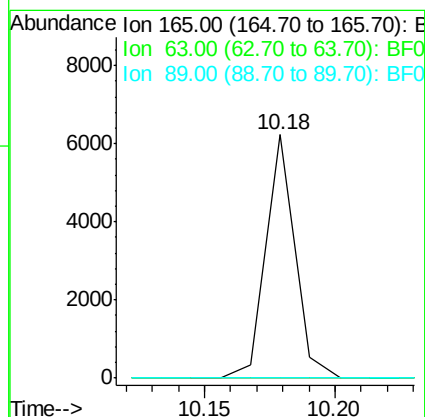
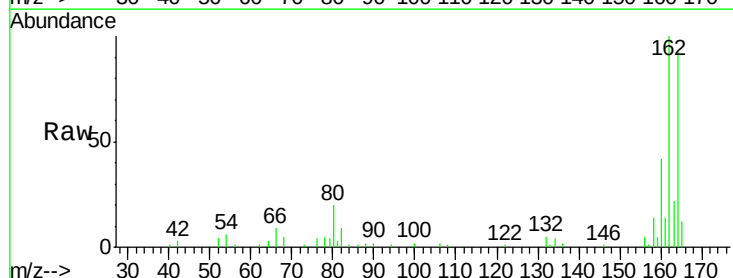
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

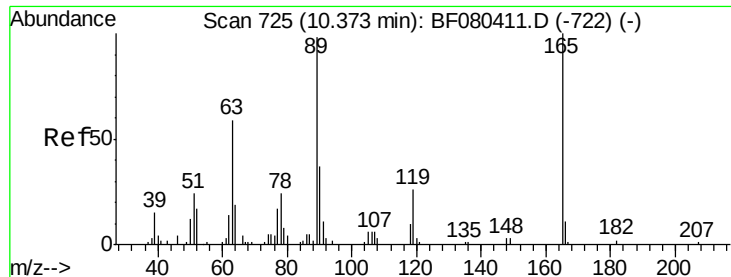
Tgt Ion:163 Resp: 7864
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 10.2 7.4 11.0



#50
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Tgt Ion:165 Resp: 4873
Ion Ratio Lower Upper
165 100
63 0.0 44.5 66.7#
89 0.0 44.5 66.7#

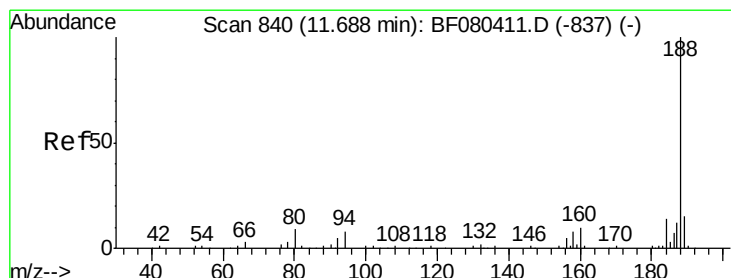
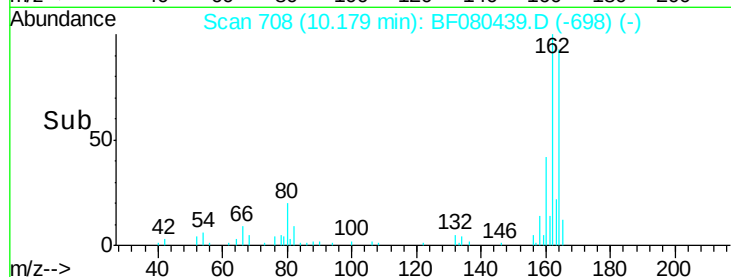
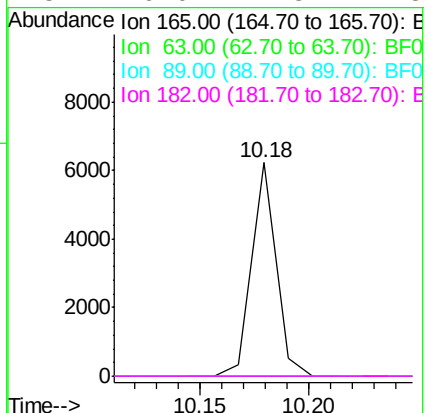
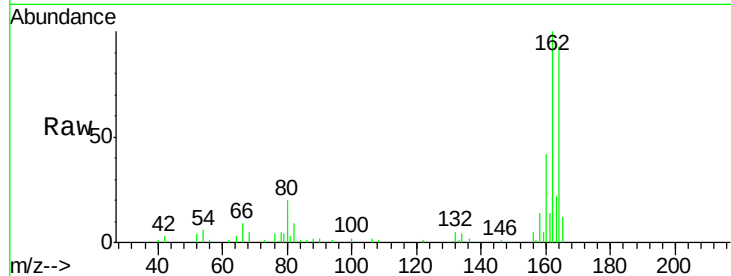




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

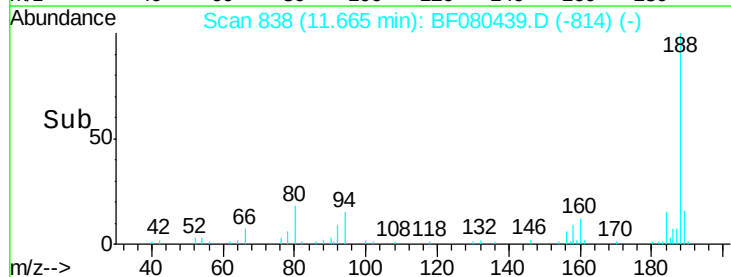
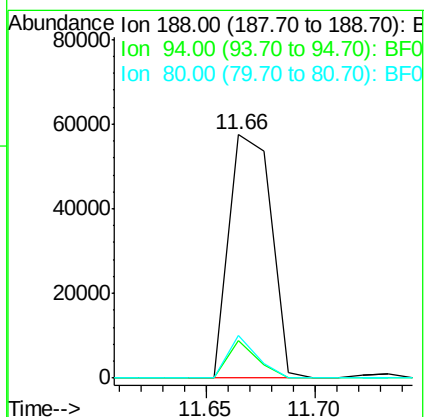
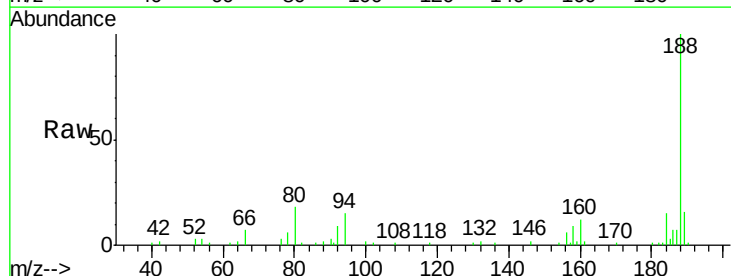
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

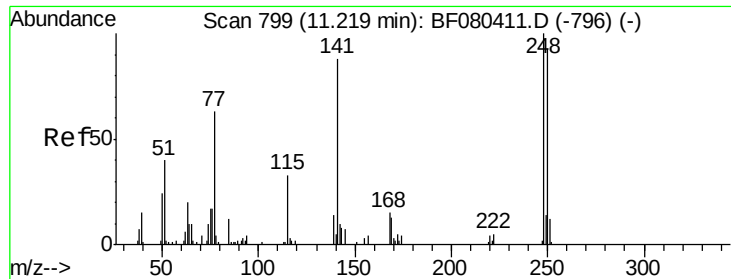
Tgt Ion:165 Resp: 4874
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.7 77.5#
 89 0.0 78.6 117.8#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

Tgt Ion:188 Resp: 77114
 Ion Ratio Lower Upper
 188 100
 94 15.2 6.7 10.1#
 80 17.7 7.5 11.3#

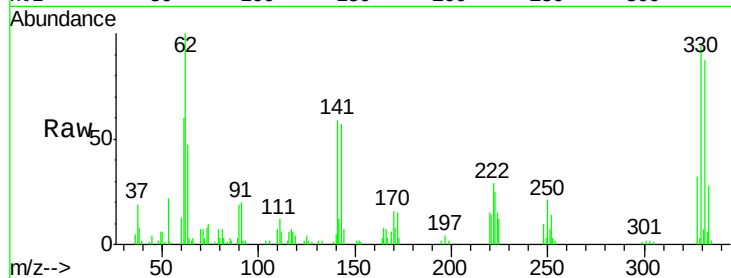




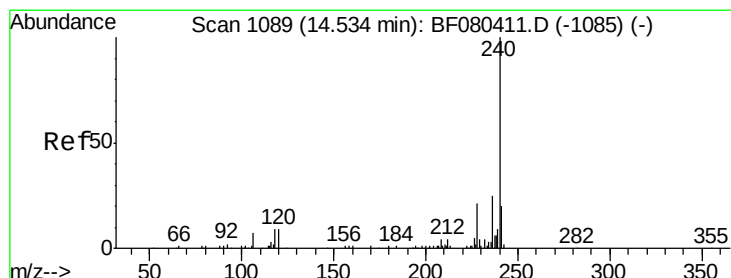
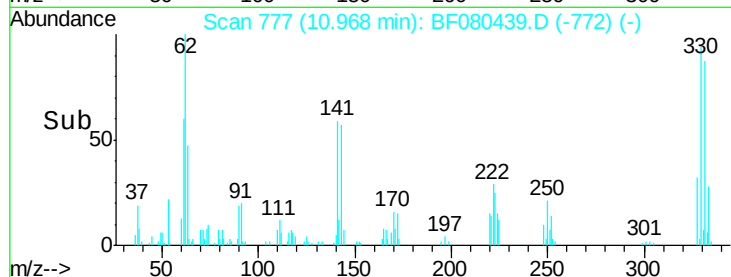
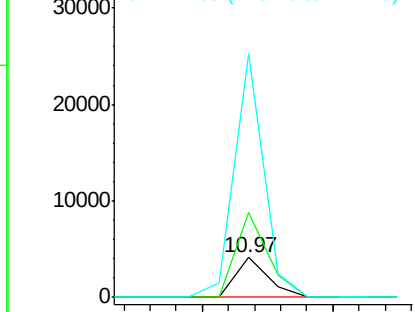
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:248 Resp: 3561
Ion Ratio Lower Upper
248 100
250 213.8 74.2 111.4#
141 608.9 70.7 106.1#

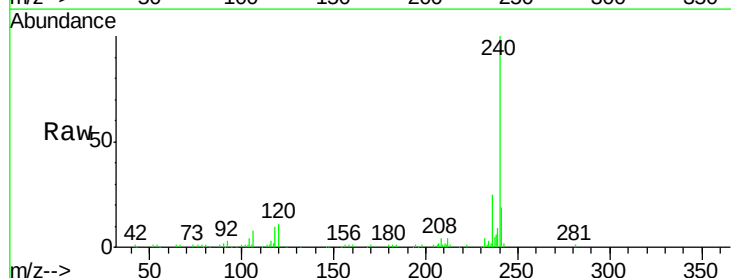


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

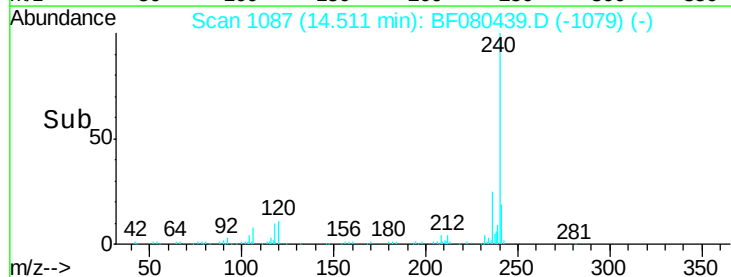
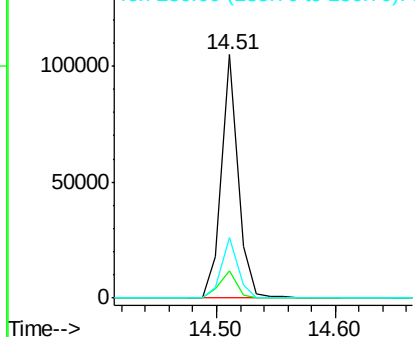


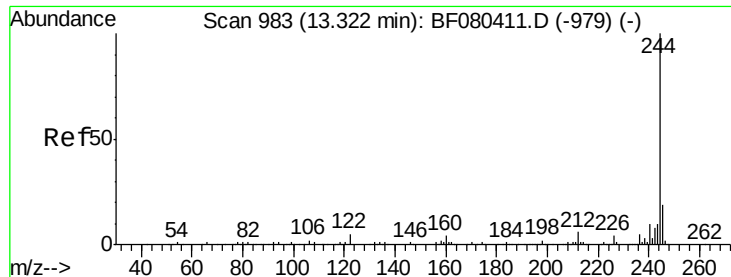
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.21 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Tgt Ion:240 Resp: 101634
Ion Ratio Lower Upper
240 100
120 11.1 7.4 11.2
236 25.1 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

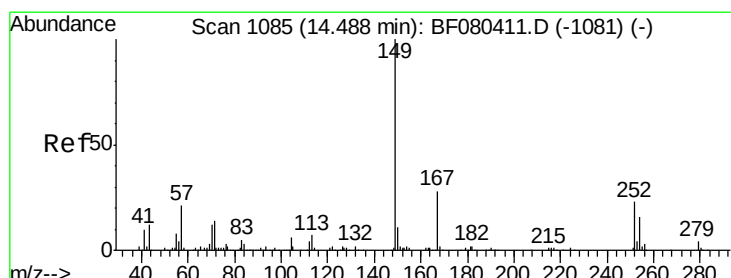
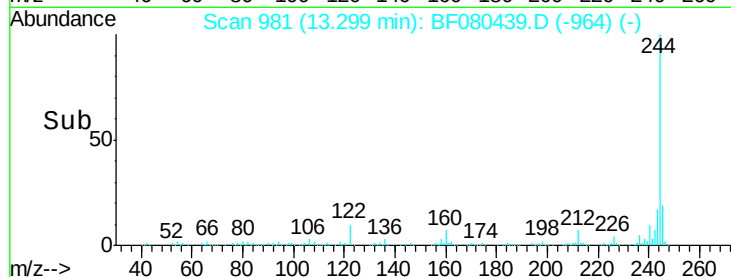
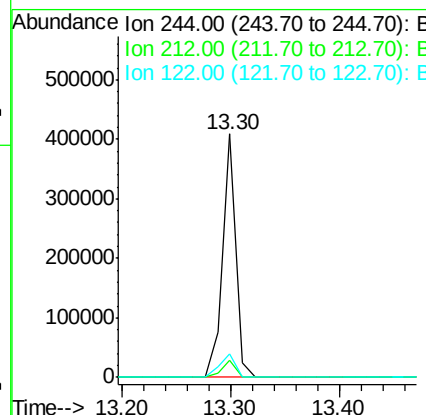
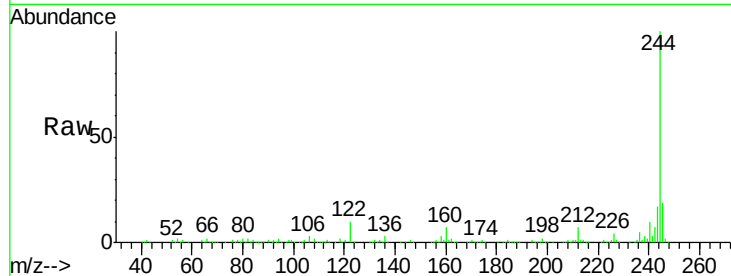




#78
 Terphenyl-d14
 Concen: 75.36 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.10 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

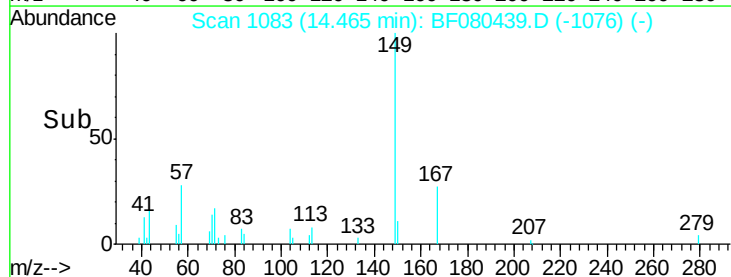
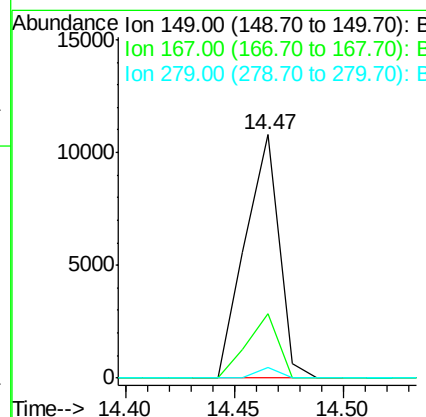
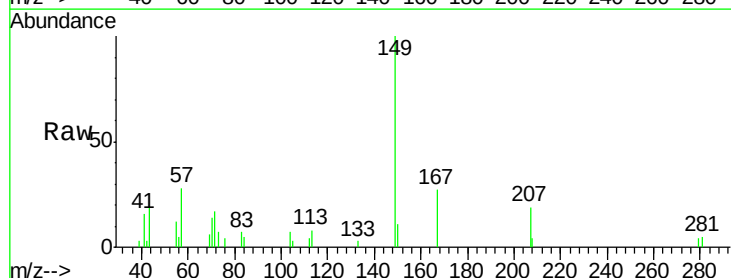
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

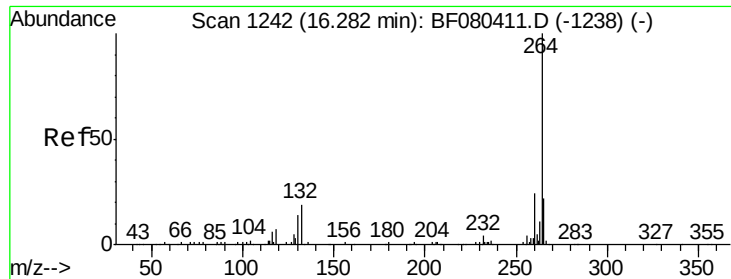
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	9.8	4.1	6.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.02 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.22 min
 Lab File: BF080439.D
 Acq: 13 Jul 2015 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.5	33.7
279	4.1	3.5	5.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1240
Delta R.T. -0.33 min
Lab File: BF080439.D
Acq: 13 Jul 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion: 264 Resp: 108665
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 20.8 17.8 26.8

