

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080434.D
 Acq On : 13 Jul 2015 19:05
 Operator : TP/UM
 Sample : G2945-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-34

Quant Time: Jul 14 01:00:06 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

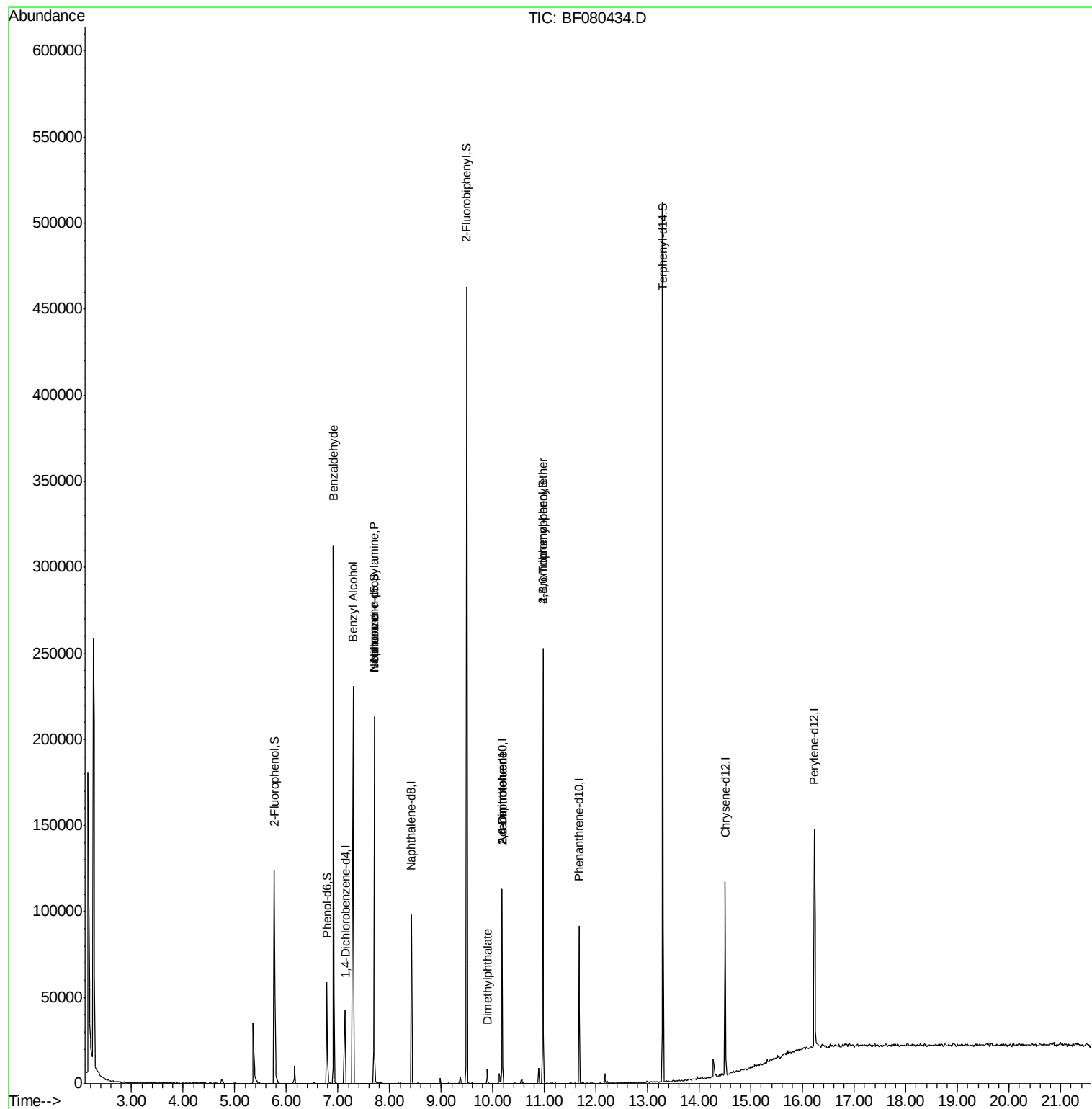
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	9247	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	41689	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	21047	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	39303	20.00	ng	-0.02
75) Chrysene-d12	14.50	240	52416	20.00	ng	-0.22
86) Perylene-d12	16.23	264	65386	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	39050	72.37	ng	0.00
7) Phenol-d6	6.78	99	28302	39.37	ng	0.01
23) Nitrobenzene-d5	7.70	82	61208	83.74	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	21687	105.58	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	135822	86.92	ng	0.00
78) Terphenyl-d14	13.29	244	151233	62.66	ng	-0.11
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	1679	4.22	ng	84
15) Benzyl Alcohol	7.29	79	1186	2.00	ng	# 51
19) n-Nitroso-di-n-propylamine	7.70	70	7782	15.82	ng	# 82
25) Isophorone	7.70	82	61216	46.73	ng	# 73
49) Dimethylphthalate	9.89	163	5485	3.45	ng	# 96
50) 2,6-Dinitrotoluene	10.18	165	2585	7.24	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	2585	6.19	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	1993	4.76	ng	# 1

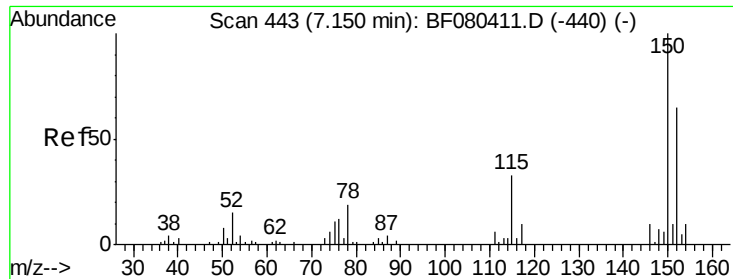
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
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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: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA_F

ClientSampleId :

TE-PMW-34

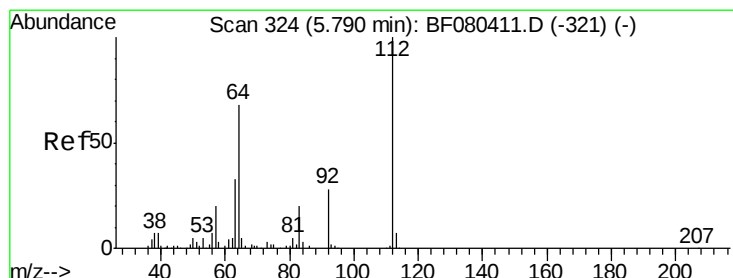
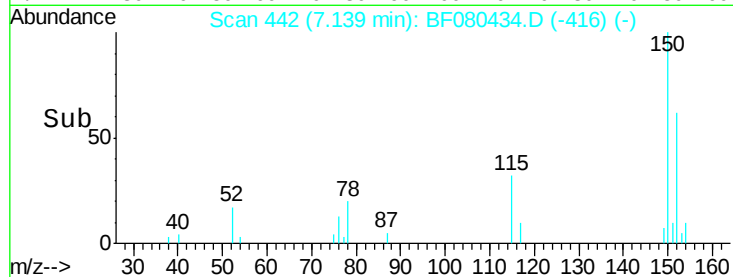
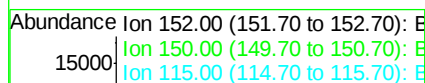
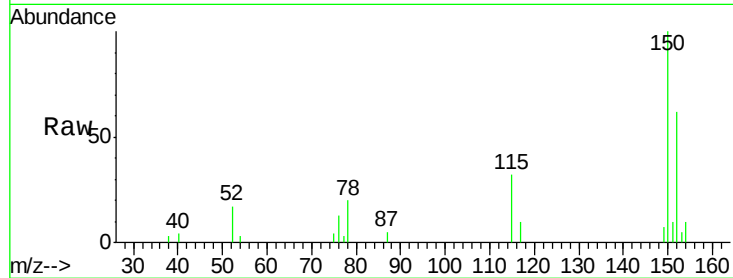
Tgt Ion:152 Resp: 9247

Ion Ratio Lower Upper

152 100

150 161.3 122.3 183.5

115 52.0 41.0 61.4



#5

2-Fluorophenol

Concen: 72.37 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

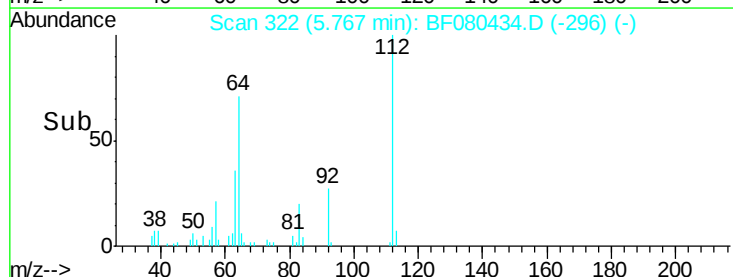
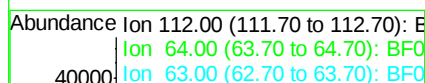
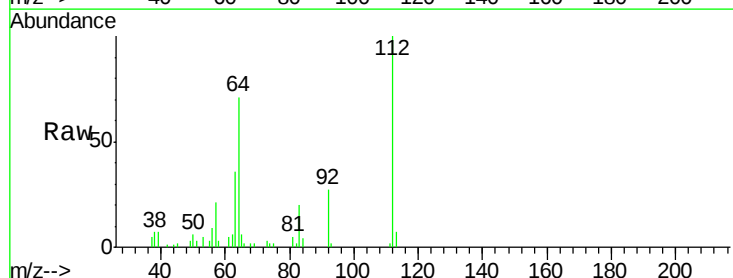
Tgt Ion:112 Resp: 39050

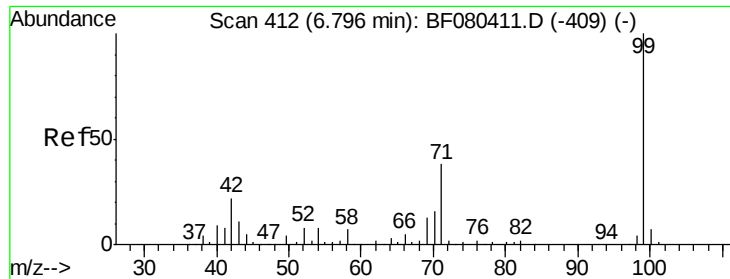
Ion Ratio Lower Upper

112 100

64 70.5 54.3 81.5

63 35.7 26.7 40.1





#7

Phenol-d6

Concen: 39.37 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA_F

ClientSampleId :

TE-PMW-34

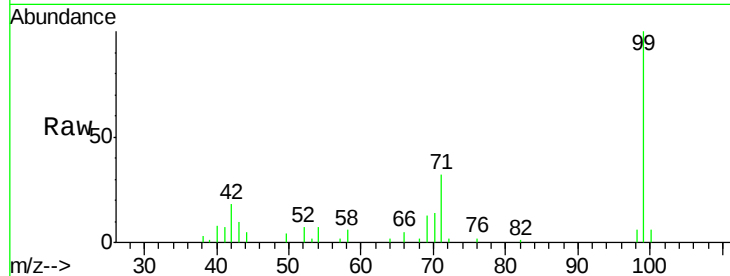
Tgt Ion: 99 Resp: 28302

Ion Ratio Lower Upper

99 100

42 17.7 17.9 26.9#

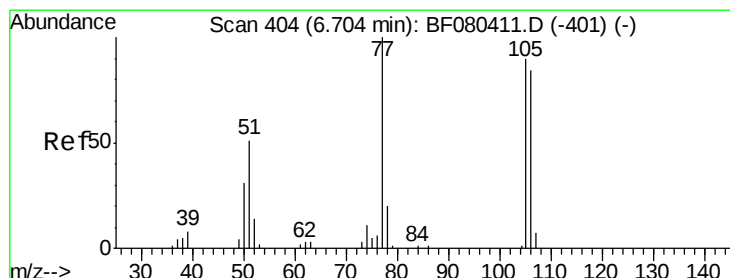
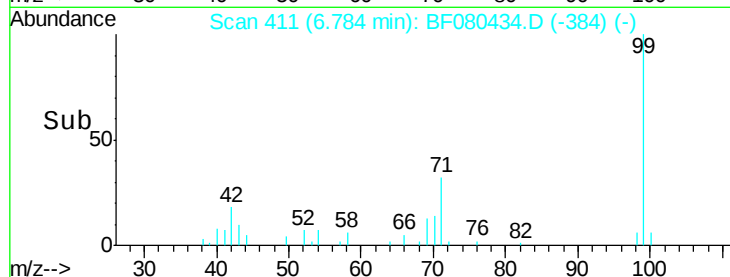
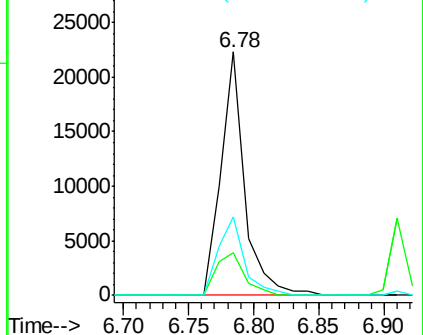
71 32.3 30.1 45.1



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: 4.22 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

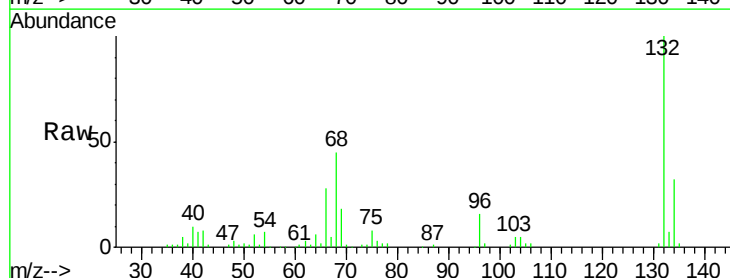
Tgt Ion: 77 Resp: 1679

Ion Ratio Lower Upper

77 100

105 77.1 69.6 109.6

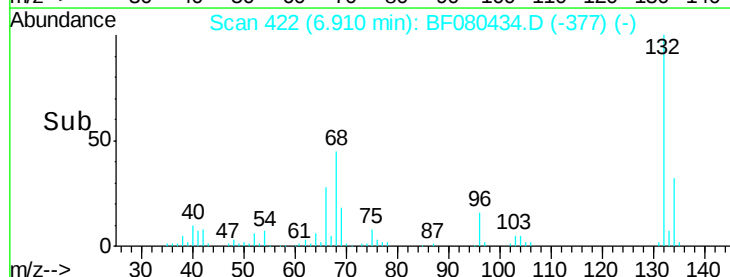
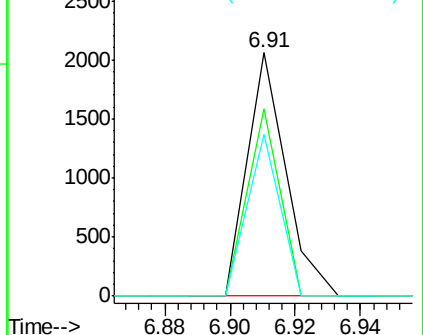
106 66.3 63.6 103.6

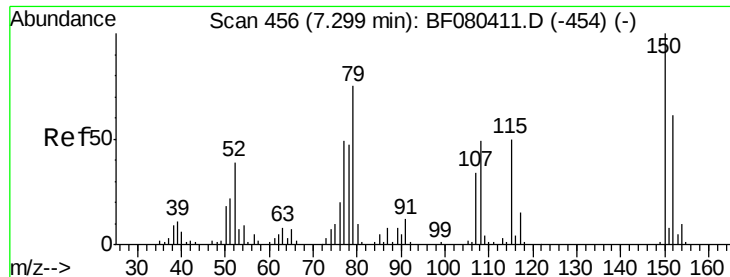


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA_F

ClientSampleId :

TE-PMW-34

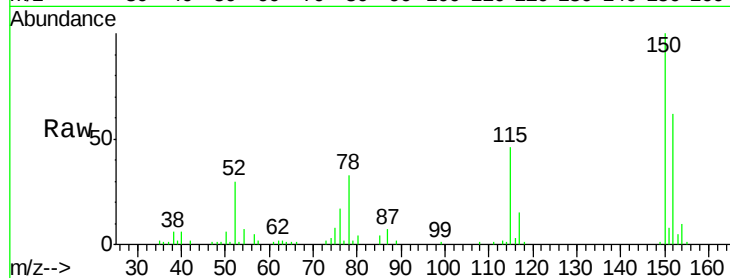
Tgt Ion: 79 Resp: 1186

Ion Ratio Lower Upper

79 100

108 22.8 51.6 77.4#

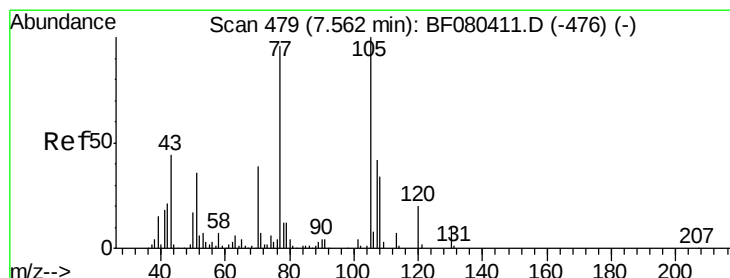
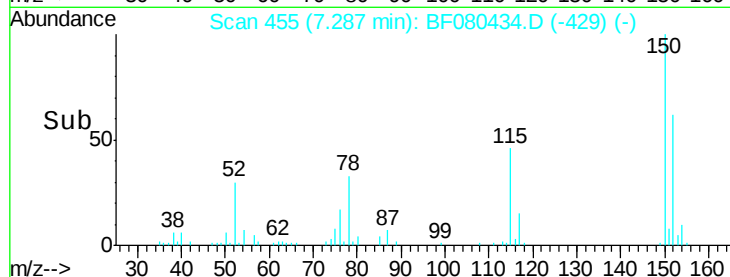
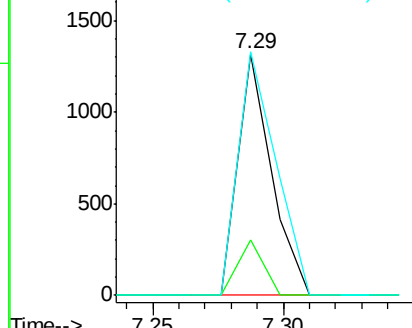
77 101.0 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.82 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Tgt Ion: 70 Resp: 7782

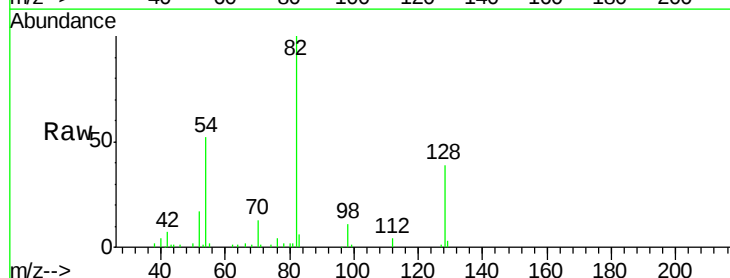
Ion Ratio Lower Upper

70 100

42 53.5 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

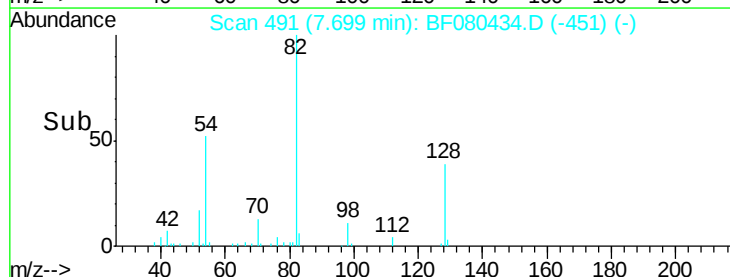
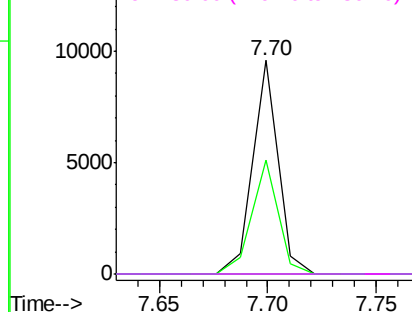


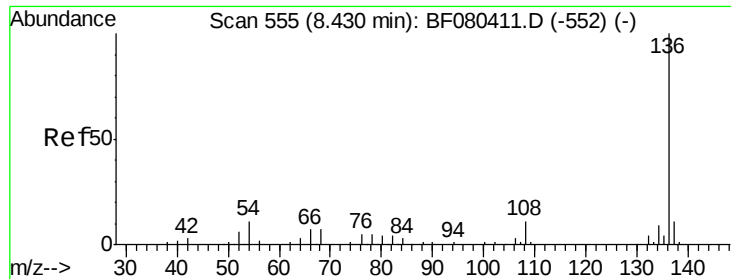
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

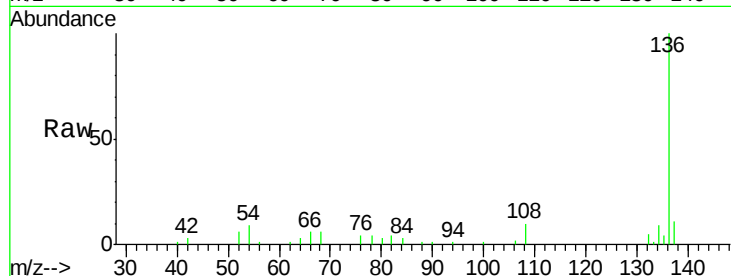




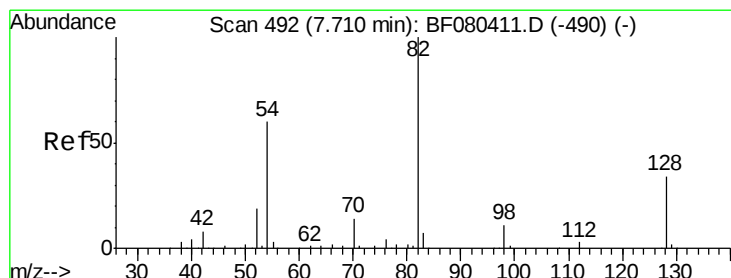
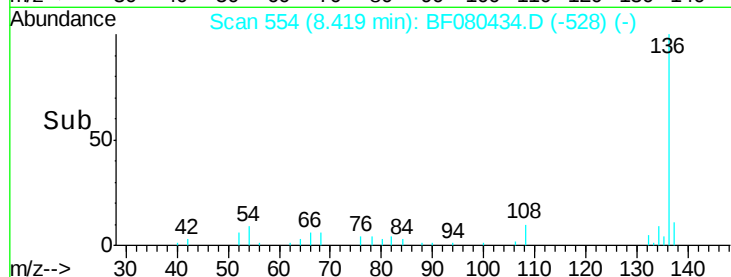
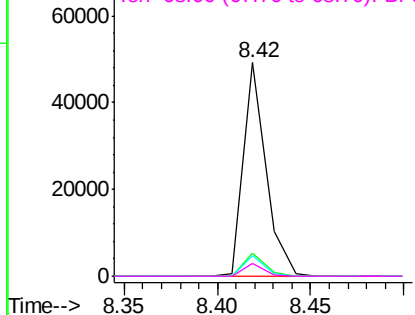
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-34

Tgt Ion:	136	Resp:	41689
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.5	9.1	13.7
68	5.8	5.9	8.9#

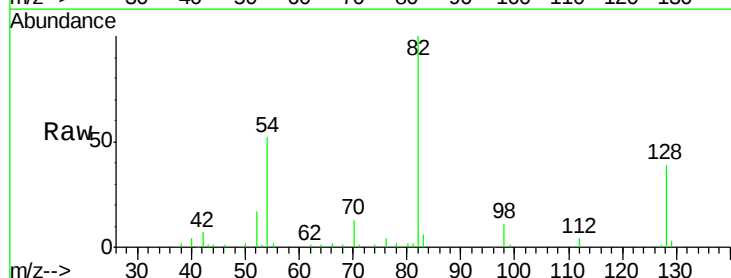


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

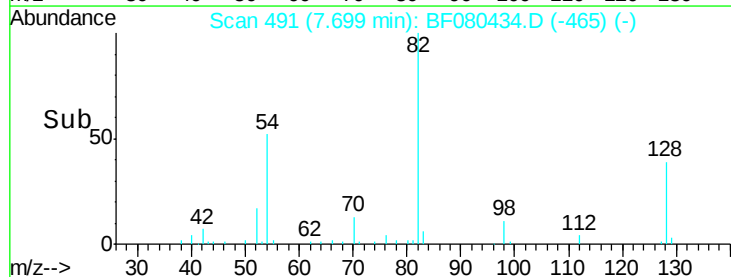
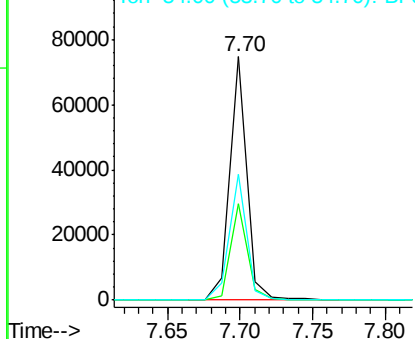


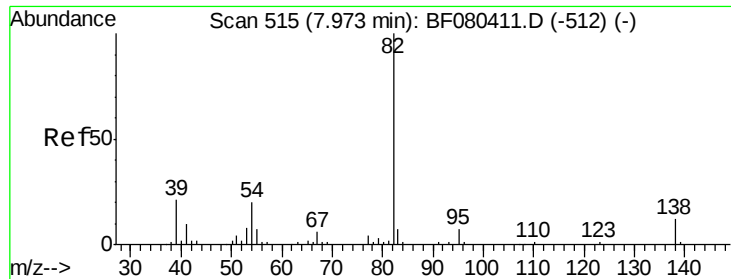
#23
Nitrobenzene-d5
Concen: 83.74 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Tgt Ion:	82	Resp:	61208
Ion	Ratio	Lower	Upper
82	100		
128	39.4	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.73 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA_F

ClientSampleId :

TE-PMW-34

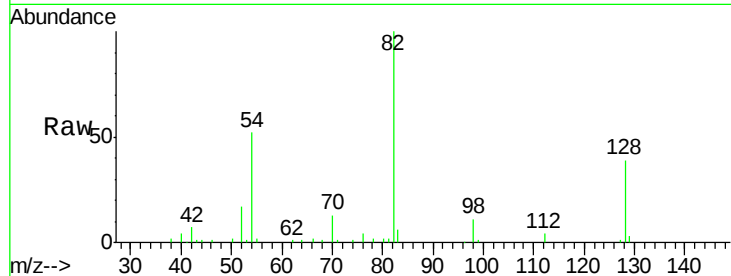
Tgt Ion: 82 Resp: 61216

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

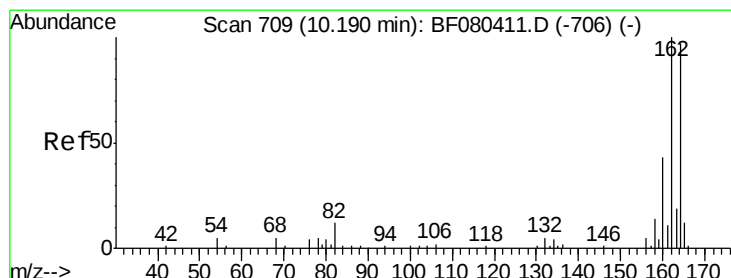
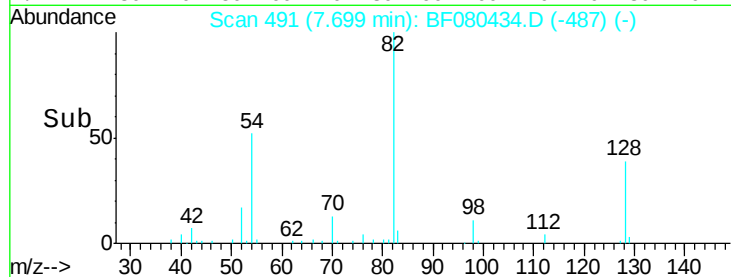
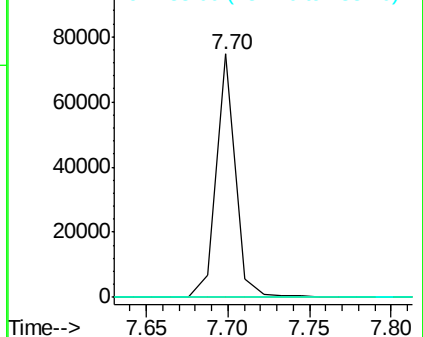
138 0.0 9.5 14.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

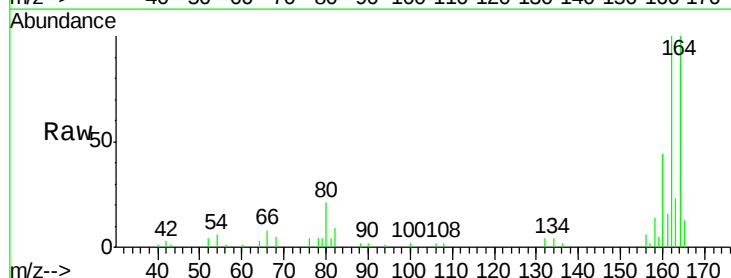
Tgt Ion: 164 Resp: 21047

Ion Ratio Lower Upper

164 100

162 99.7 82.7 124.1

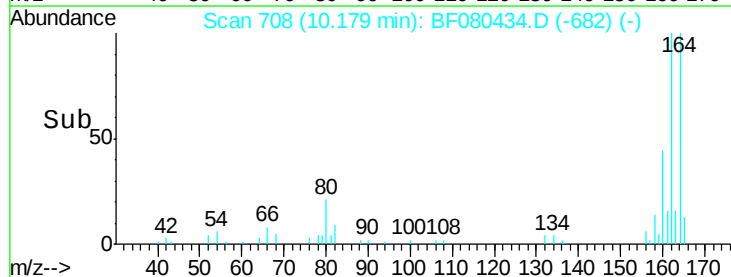
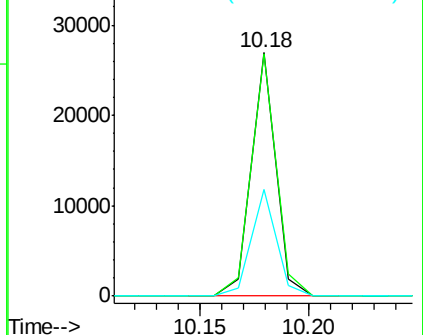
160 43.7 35.5 53.3

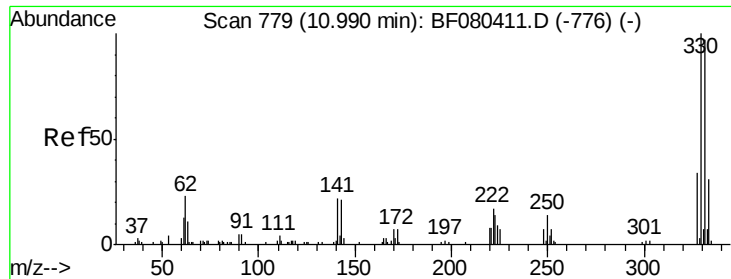


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

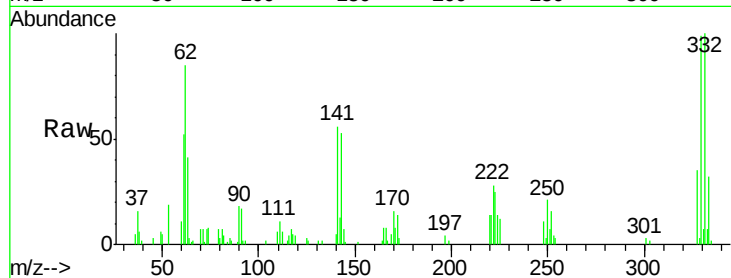




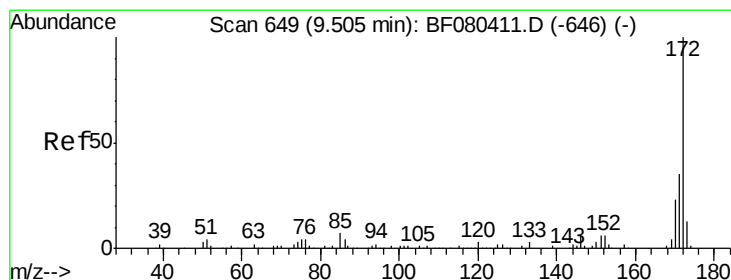
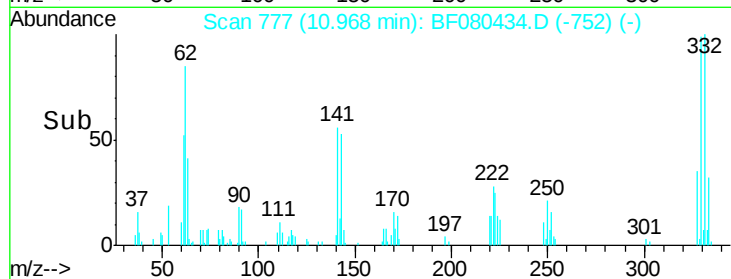
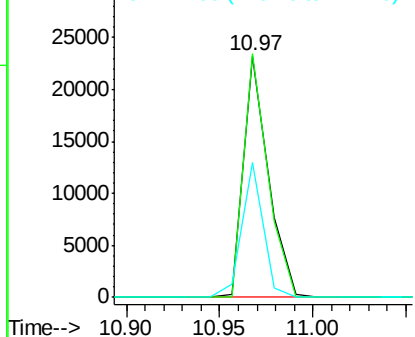
#41
 2,4,6-Tribromophenol
 Concen: 105.58 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080434.D
 Acq: 13 Jul 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-34

Tgt Ion:330 Resp: 21687
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.0 117.0
 141 48.0 28.6 43.0#

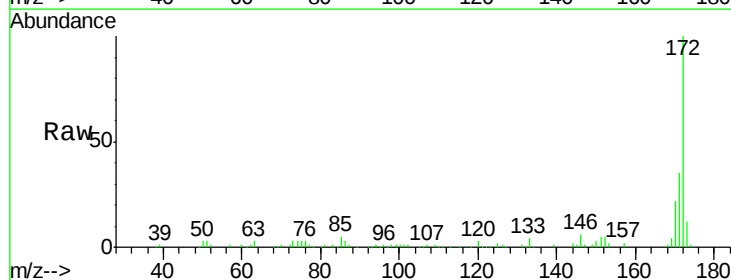


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

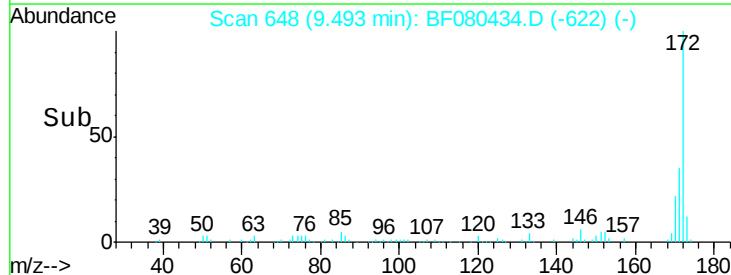
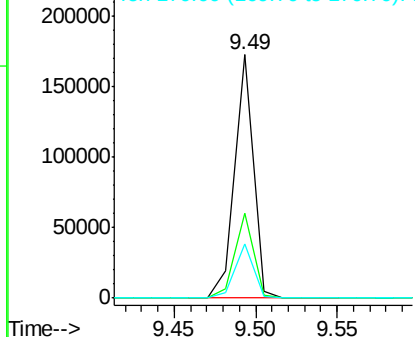


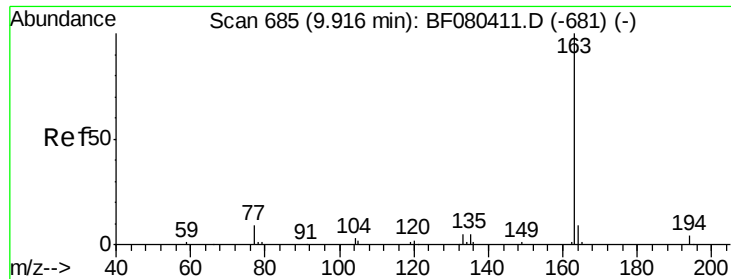
#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080434.D
 Acq: 13 Jul 2015 19:05

Tgt Ion:172 Resp: 135822
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 22.5 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: 3.45 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

Instrument :

BNA_F

ClientSampleId :

TE-PMW-34

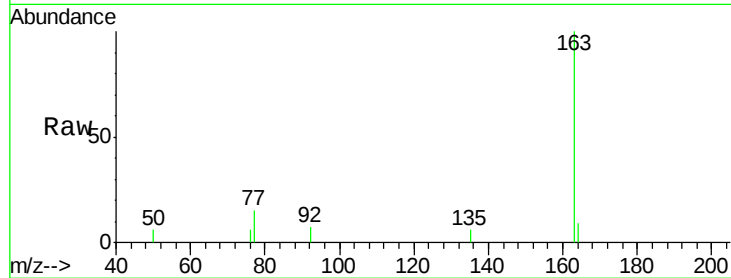
Tgt Ion:163 Resp: 5485

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

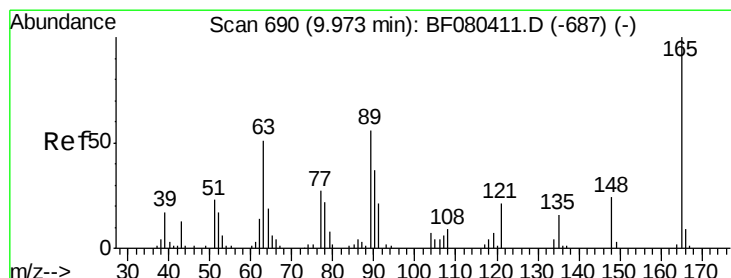
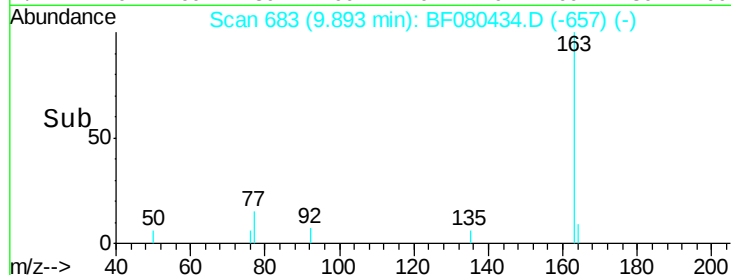
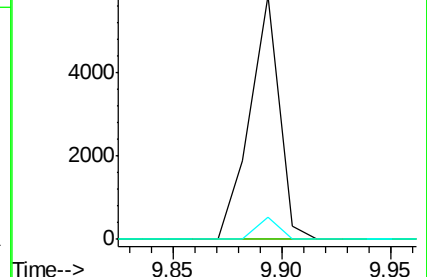
164 9.2 7.4 11.0



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: 7.24 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF080434.D

Acq: 13 Jul 2015 19:05

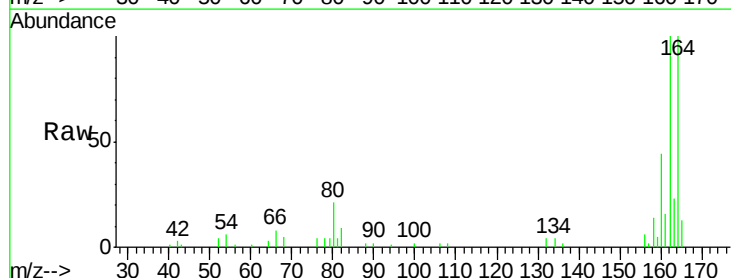
Tgt Ion:165 Resp: 2585

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

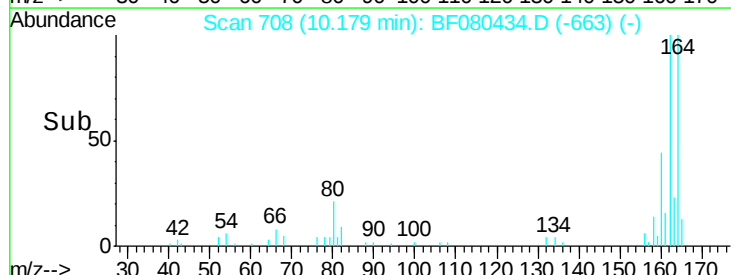
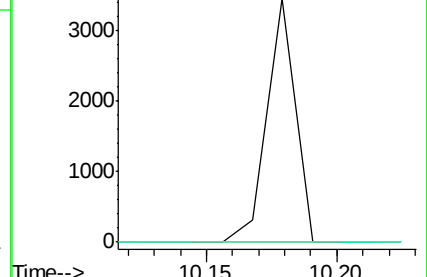
89 0.0 44.5 66.7#

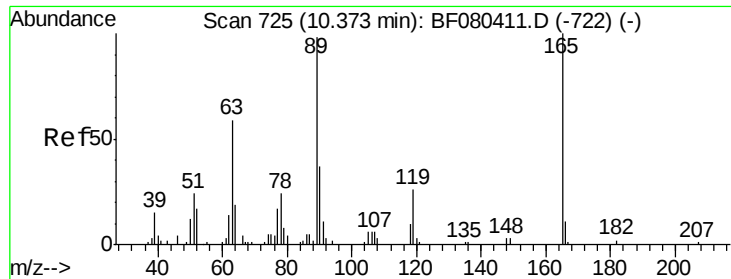


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

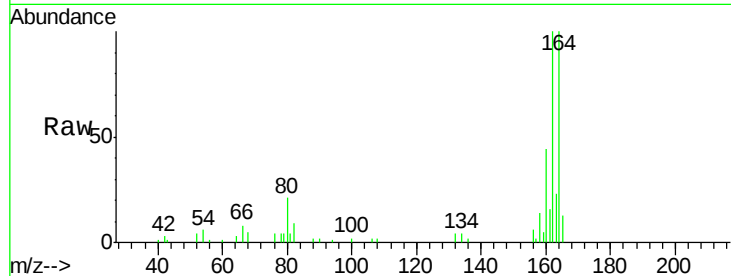




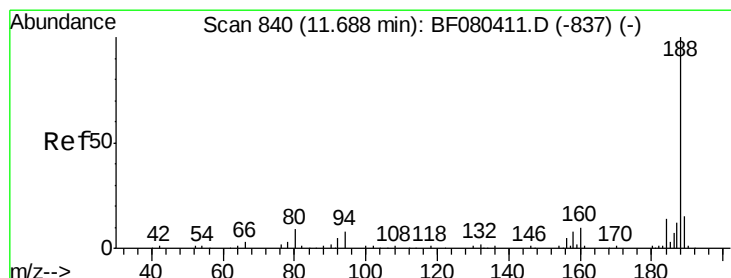
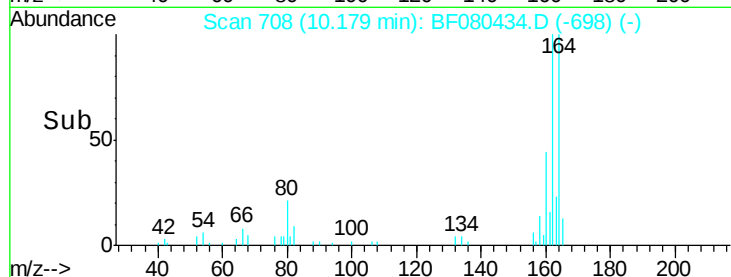
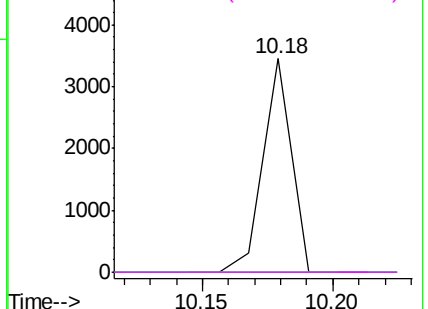
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-34

Tgt Ion:165 Resp: 2585
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#

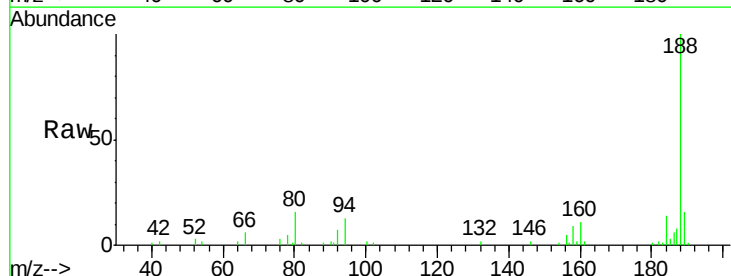


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

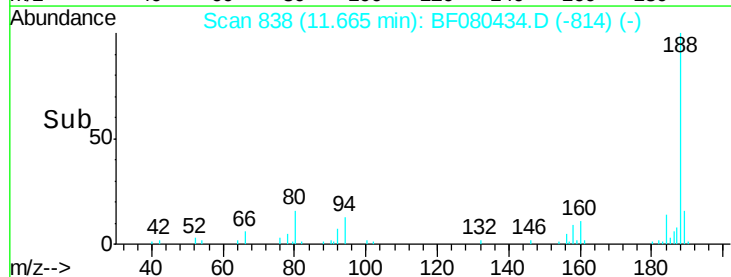
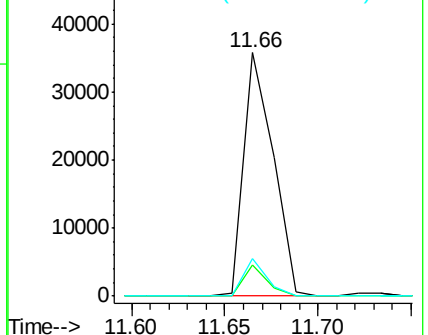


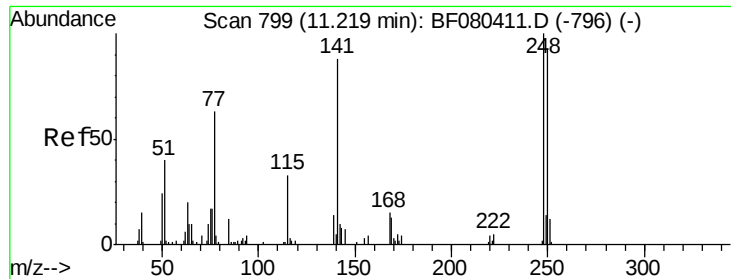
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Tgt Ion:188 Resp: 39303
Ion Ratio Lower Upper
188 100
94 12.6 6.7 10.1#
80 15.5 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

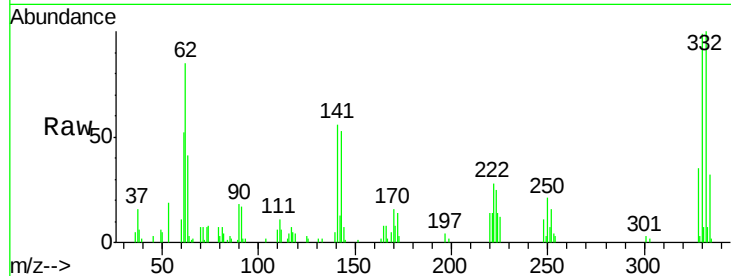




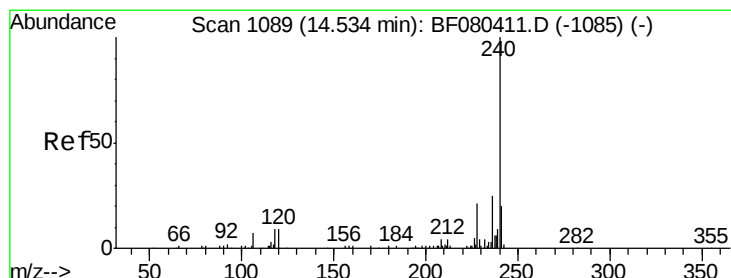
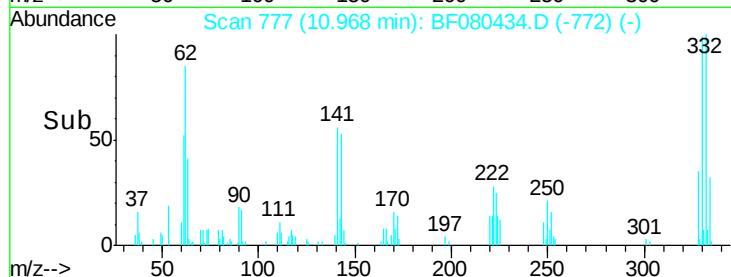
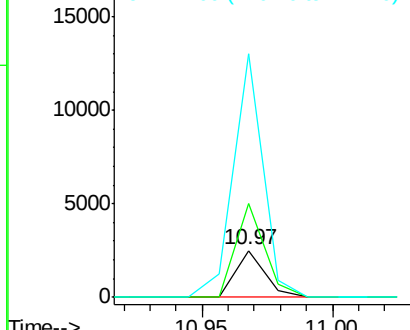
#66
4-Bromophenyl-phenylether
Concen: 4.76 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Instrument :
BNA_F
ClientSampleId :
TE-PMW-34

Tgt Ion:248 Resp: 1993
Ion Ratio Lower Upper
248 100
250 199.6 74.2 111.4#
141 516.6 70.7 106.1#

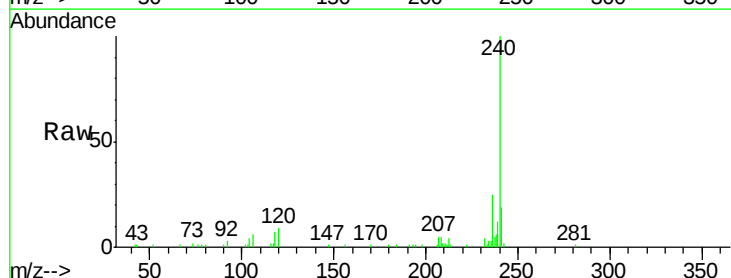


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

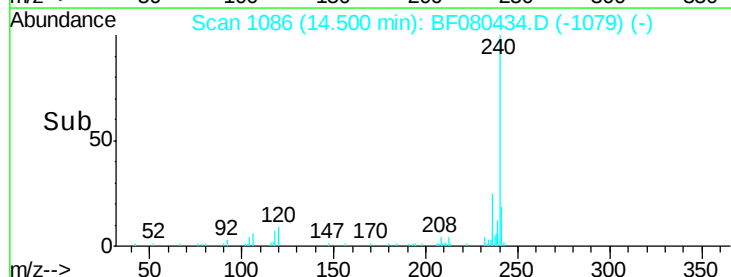
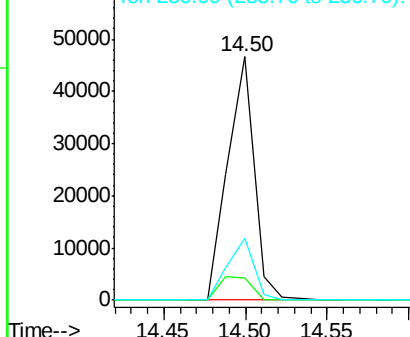


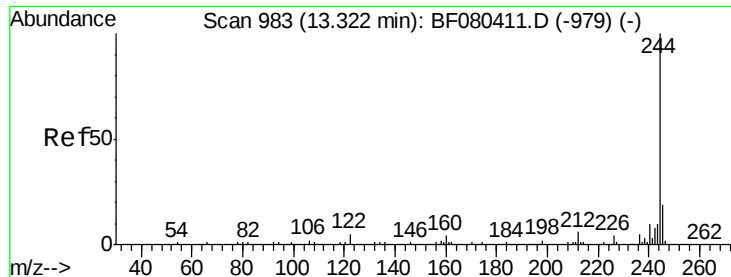
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.22 min
Lab File: BF080434.D
Acq: 13 Jul 2015 19:05

Tgt Ion:240 Resp: 52416
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 25.4 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

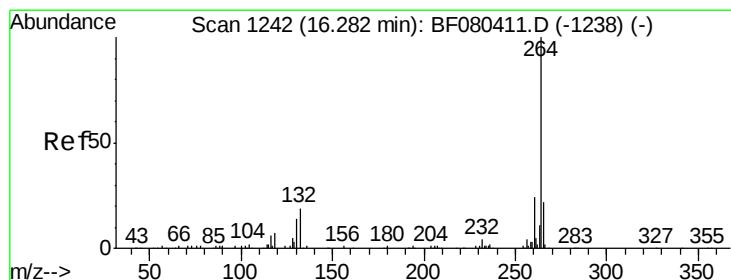
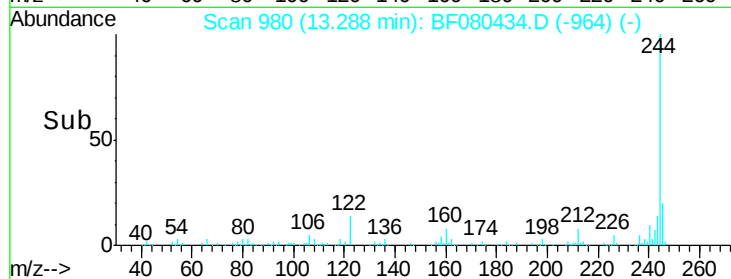
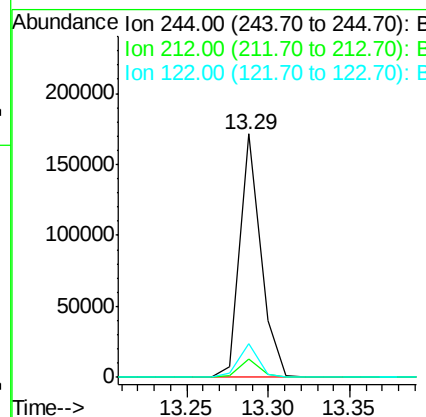
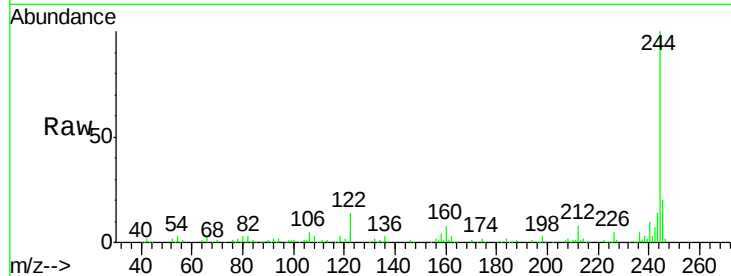




#78
 Terphenyl-d14
 Concen: 62.66 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.11 min
 Lab File: BF080434.D
 Acq: 13 Jul 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-34

Tgt Ion:244 Resp: 151233
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.9 7.3#
 122 13.7 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 1237
 Delta R.T. -0.37 min
 Lab File: BF080434.D
 Acq: 13 Jul 2015 19:05

Tgt Ion:264 Resp: 65386
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.8 17.8 26.8

