

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080432.D
 Acq On : 13 Jul 2015 18:06
 Operator : TP/UM
 Sample : G2945-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Quant Time: Jul 14 00:59:39 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

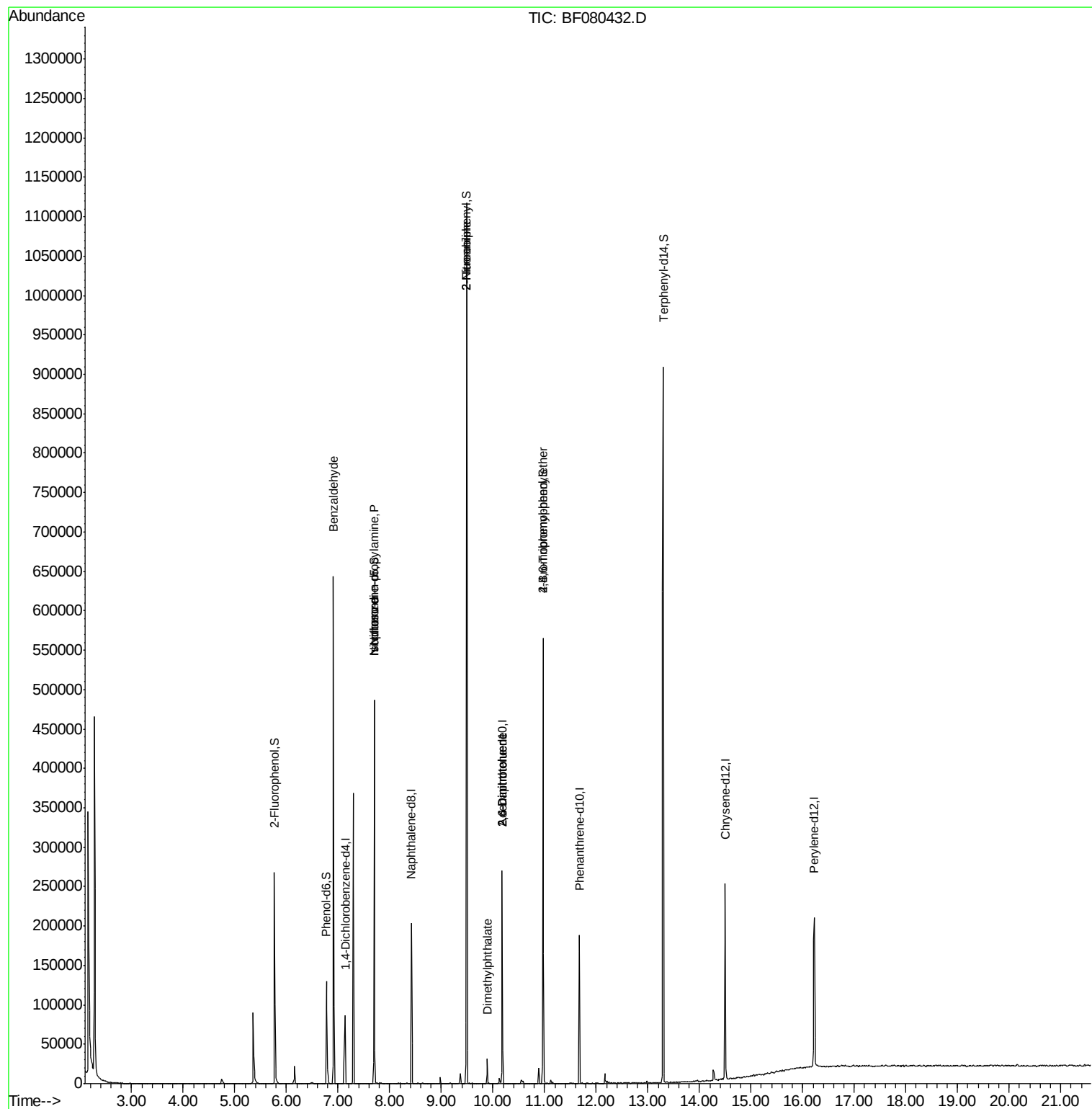
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	19825	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	87245	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	47884	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	101562	20.00	ng	-0.01
75) Chrysene-d12	14.50	240	115858	20.00	ng	-0.22
86) Perylene-d12	16.23	264	109048	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	78629	67.97	ng	0.00
7) Phenol-d6	6.77	99	61029	39.59	ng	0.00
23) Nitrobenzene-d5	7.70	82	132245	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	54212	116.00	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	291444	81.98	ng	0.00
78) Terphenyl-d14	13.30	244	379481	71.13	ng	-0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	3440	4.03	ng	81
19) n-Nitroso-di-n-propylamine	7.70	70	17534	16.62	ng	# 80
25) Isophorone	7.70	82	132239	48.24	ng	# 73
47) 2-Nitroaniline	9.49	65	463	5.07	ng	# 1
49) Dimethylphthalate	9.89	163	16210	4.48	ng	97
50) 2,6-Dinitrotoluene	10.18	165	6233	7.67	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	6234	6.56	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	4408	4.07	ng	# 1

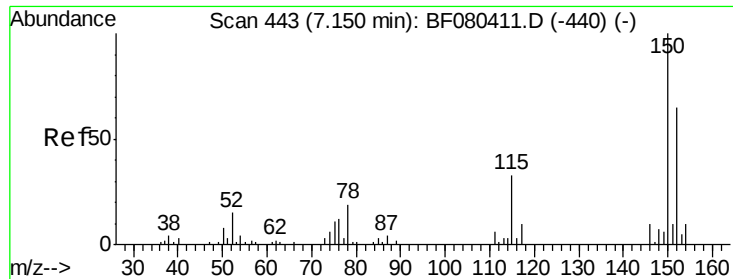
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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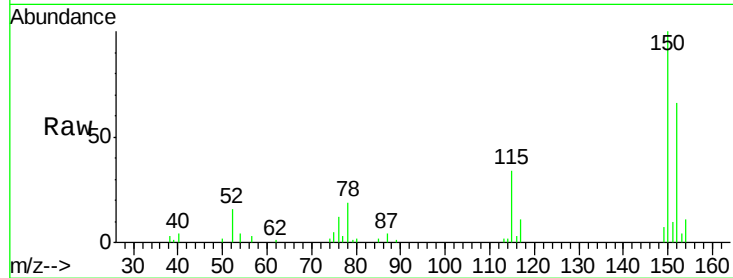


#1

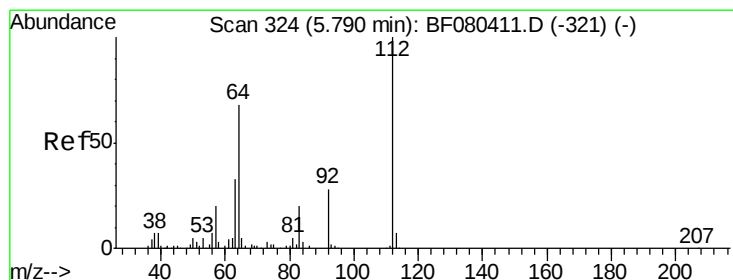
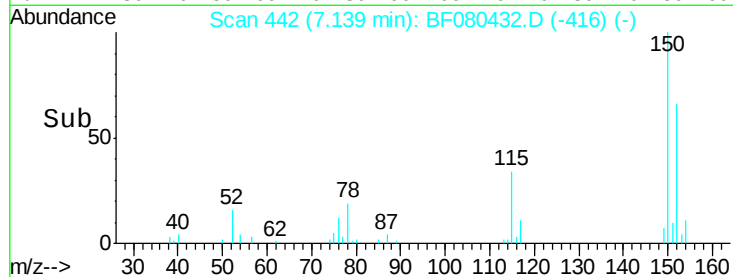
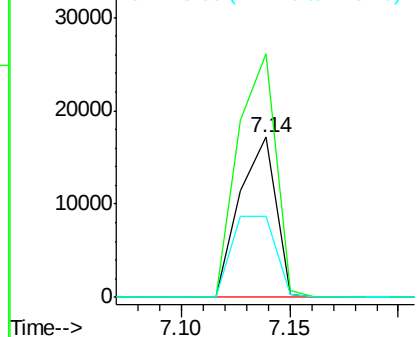
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

Tgt Ion:152 Resp: 19825
Ion Ratio Lower Upper
152 100
150 152.1 122.3 183.5
115 51.0 41.0 61.4



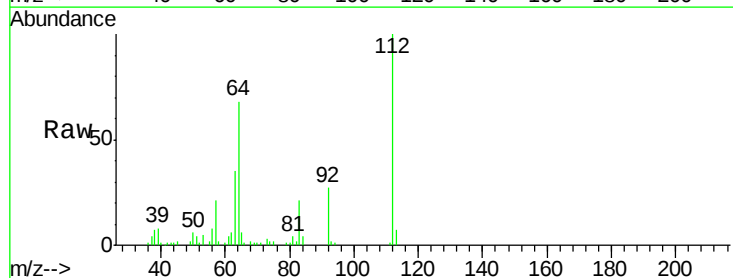
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



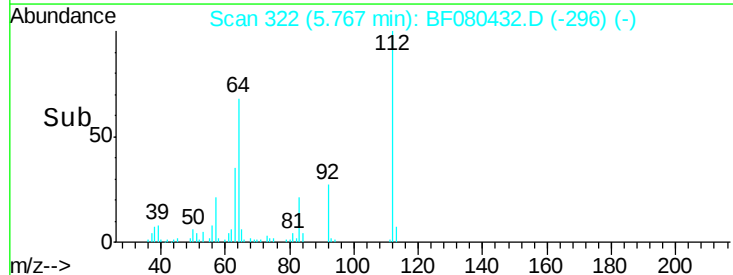
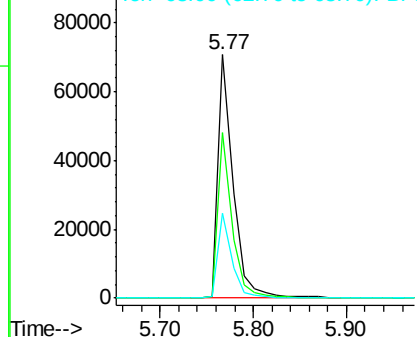
#5

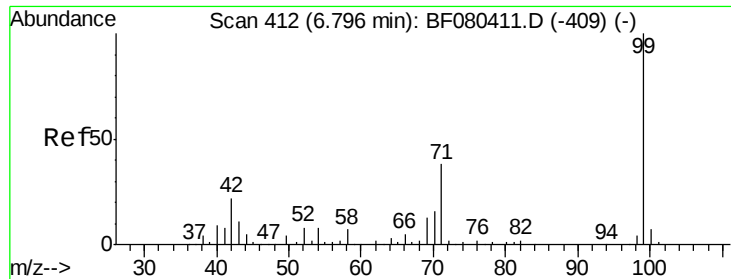
2-Fluorophenol
Concen: 67.97 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.00 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

Tgt Ion:112 Resp: 78629
Ion Ratio Lower Upper
112 100
64 68.2 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: 39.59 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

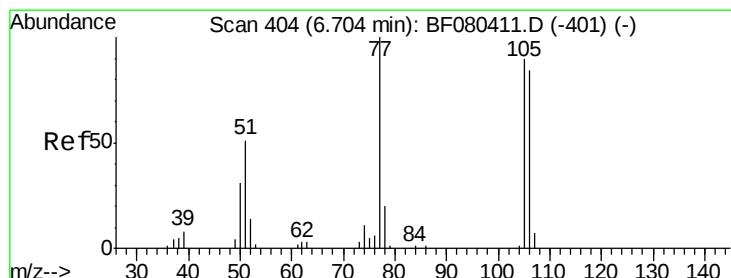
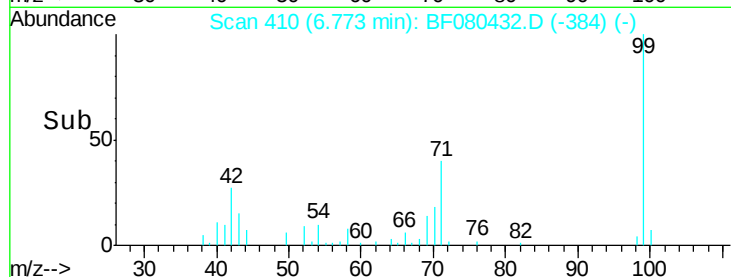
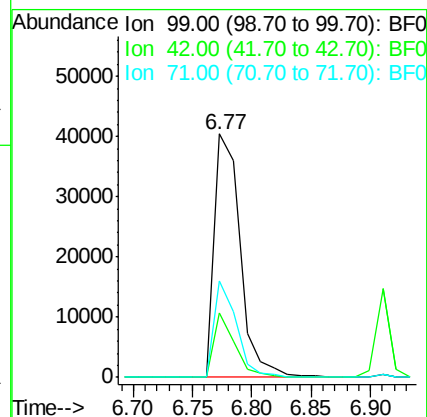
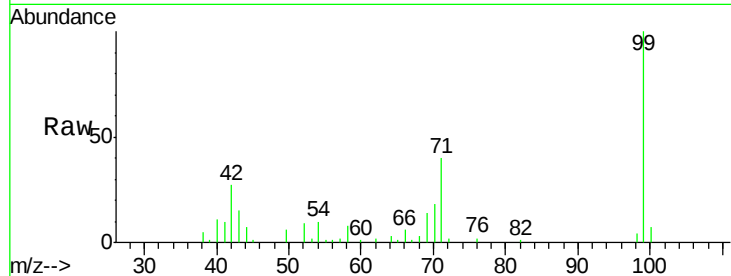
Tgt Ion: 99 Resp: 61029

Ion Ratio Lower Upper

99 100

42 26.7 17.9 26.9

71 39.6 30.1 45.1



#9

Benzaldehyde

Concen: 4.03 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

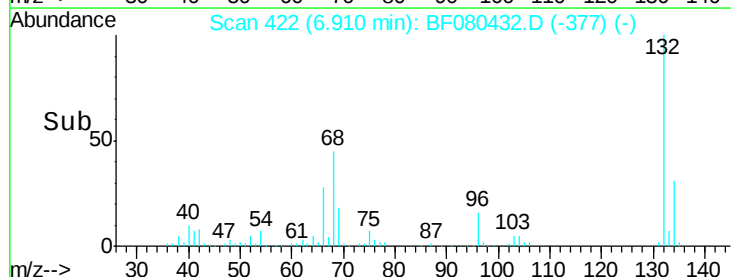
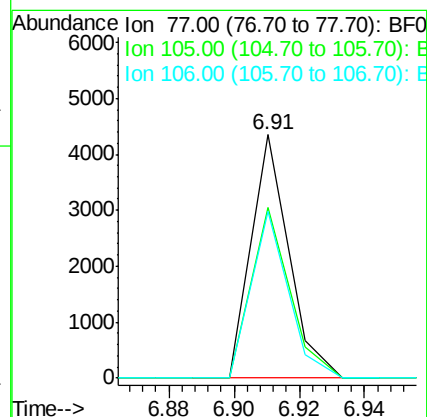
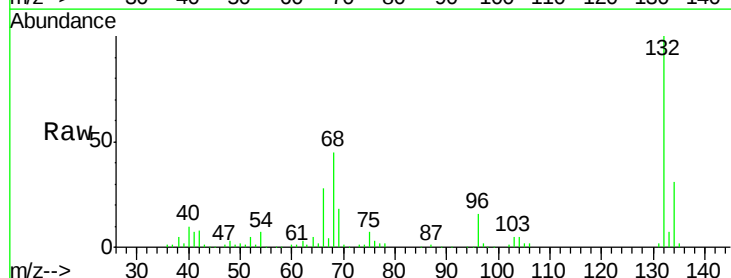
Tgt Ion: 77 Resp: 3440

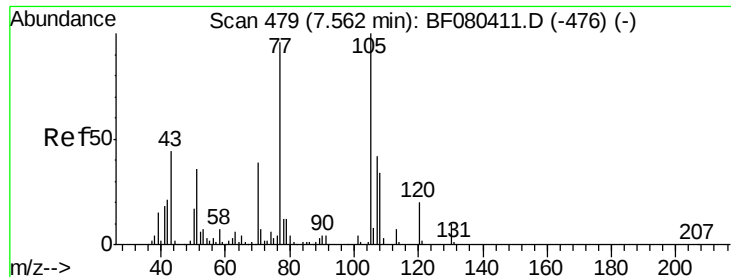
Ion Ratio Lower Upper

77 100

105 70.1 69.6 109.6

106 68.3 63.6 103.6

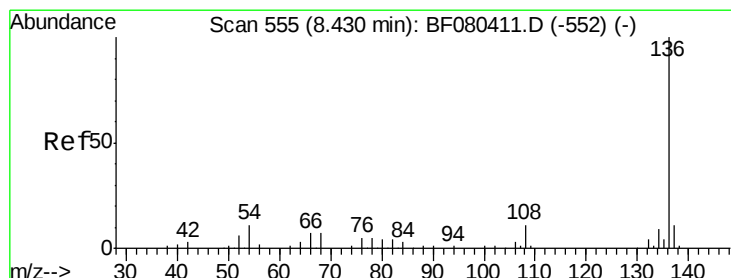
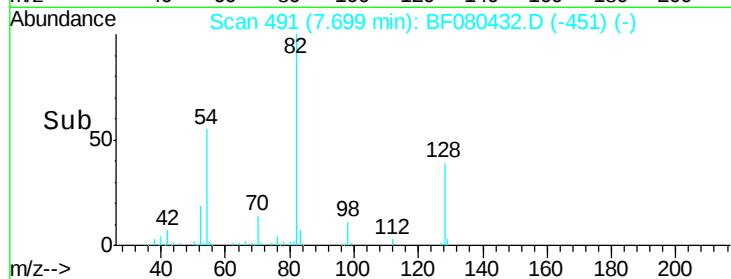
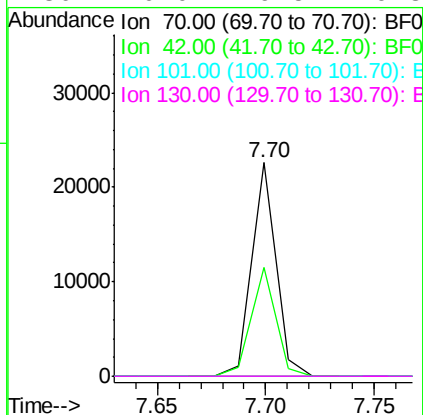
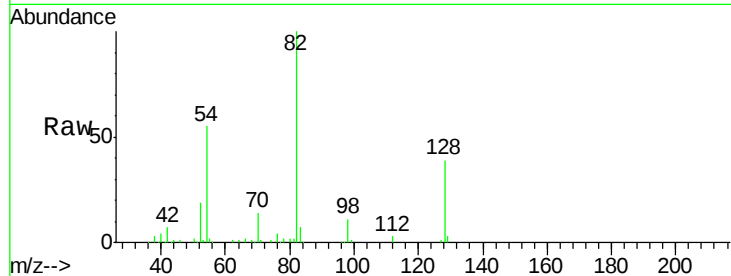




#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

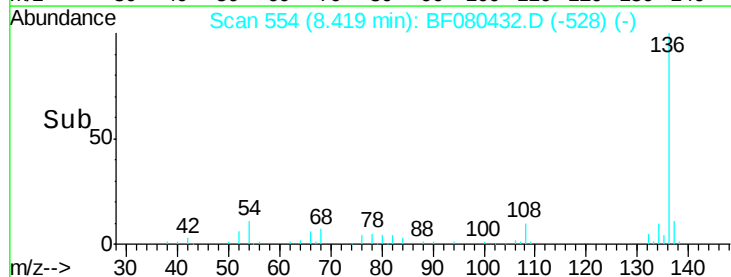
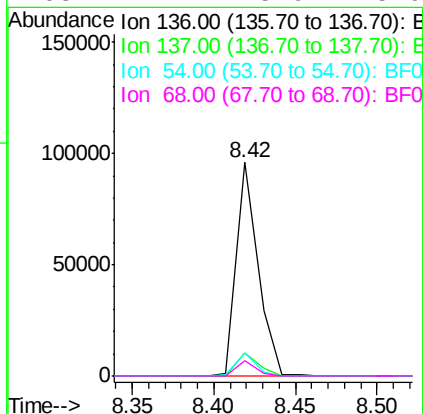
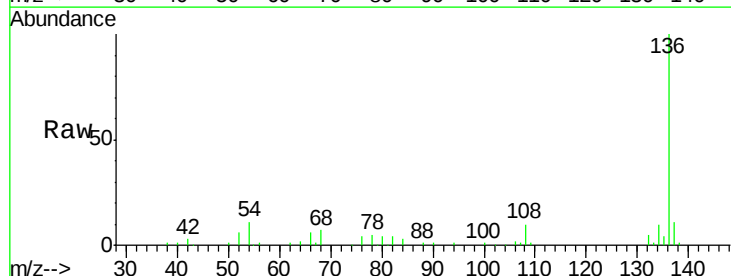
Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

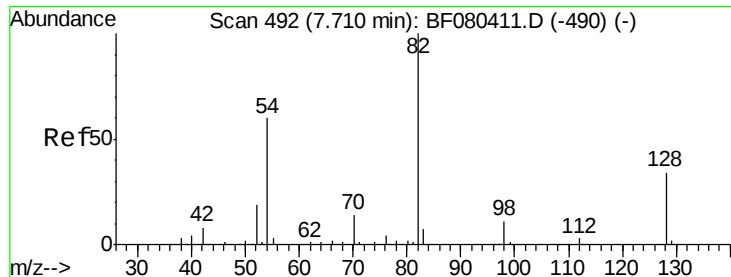
Tgt Ion: 70 Resp: 17534
Ion Ratio Lower Upper
70 100
42 50.7 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

Tgt Ion: 136 Resp: 87245
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.9 9.1 13.7
68 7.2 5.9 8.9

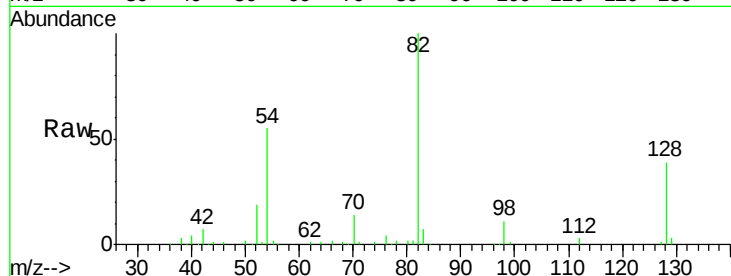




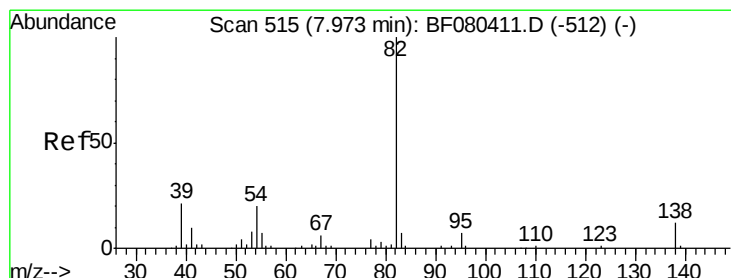
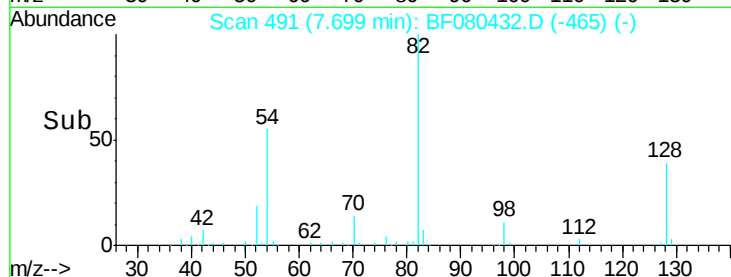
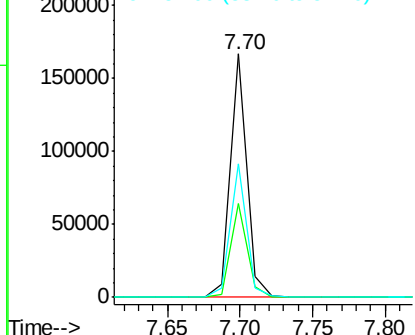
#23
Nitrobenzene-d5
Concen: 86.45 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

Tgt Ion: 82 Resp: 132245
Ion Ratio Lower Upper
82 100
128 38.6 26.9 40.3
54 55.0 47.7 71.5

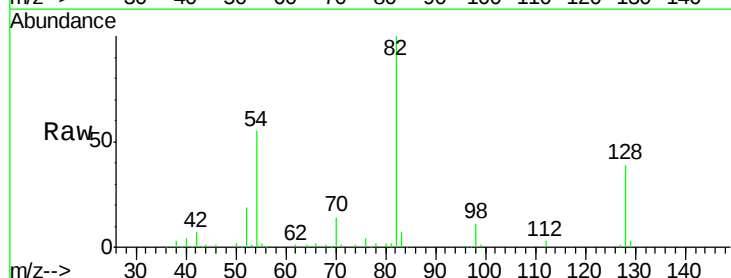


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

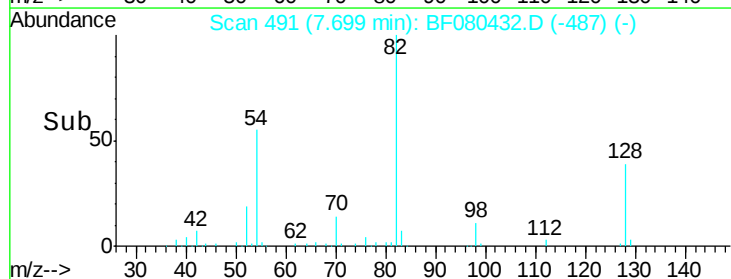
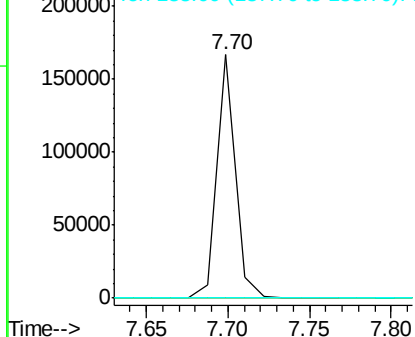


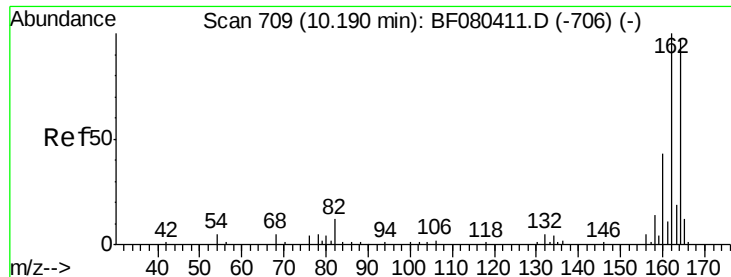
#25
Isophorone
Concen: 48.24 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080432.D
Acq: 13 Jul 2015 18:06

Tgt Ion: 82 Resp: 132239
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: BF080432.D

Acq: 13 Jul 2015 18:06

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

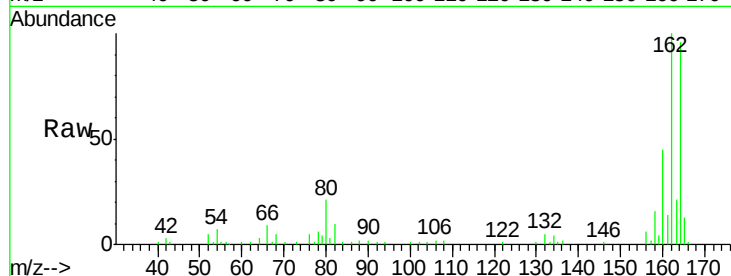
Tgt Ion:164 Resp: 47884

Ion Ratio Lower Upper

164 100

162 104.3 82.7 124.1

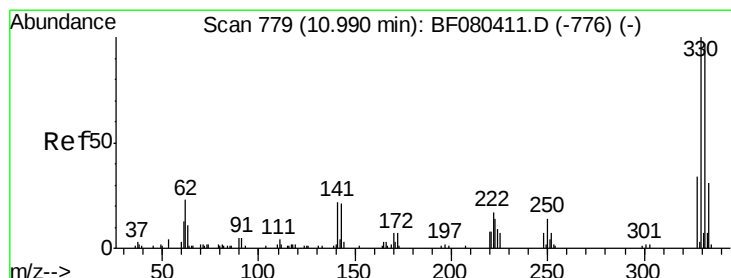
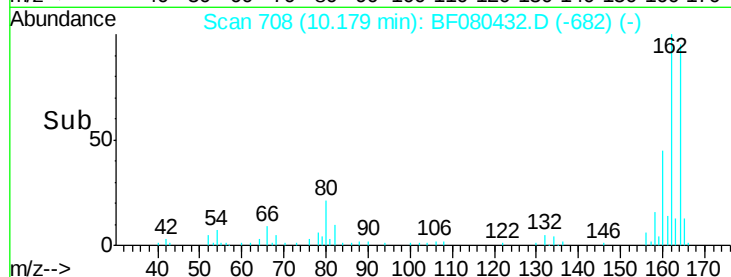
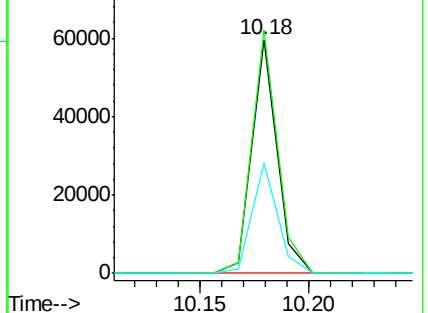
160 47.2 35.5 53.3



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: 116.00 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

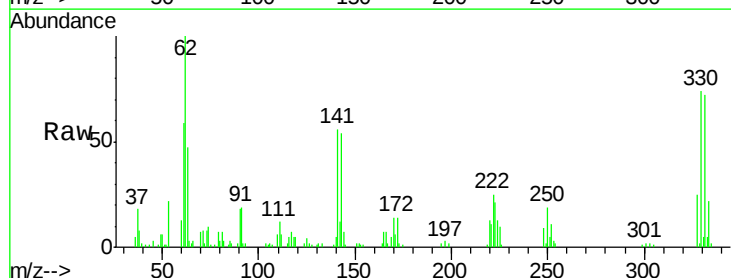
Tgt Ion:330 Resp: 54212

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

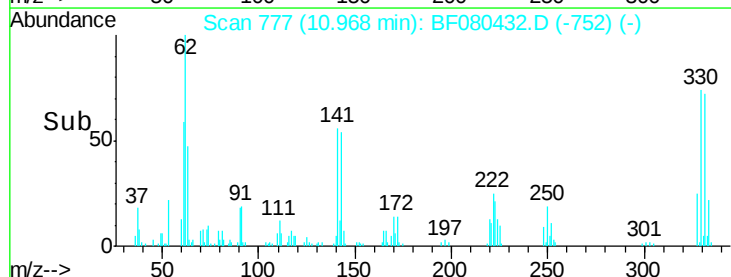
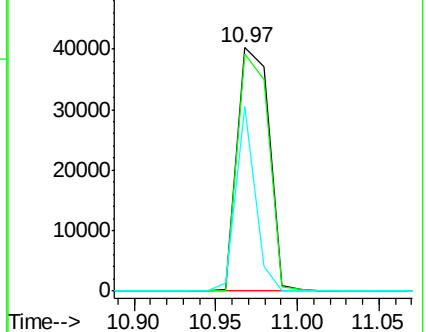
141 45.4 28.6 43.0#

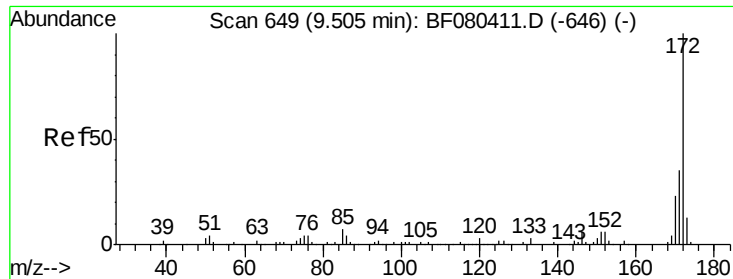


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

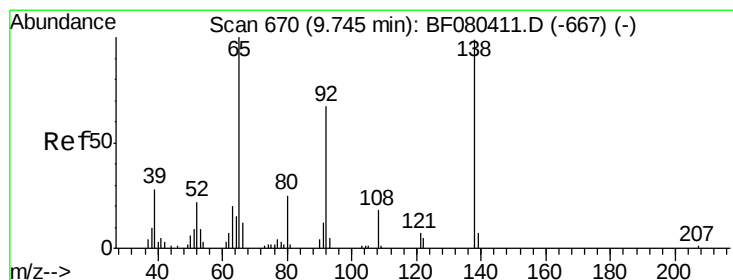
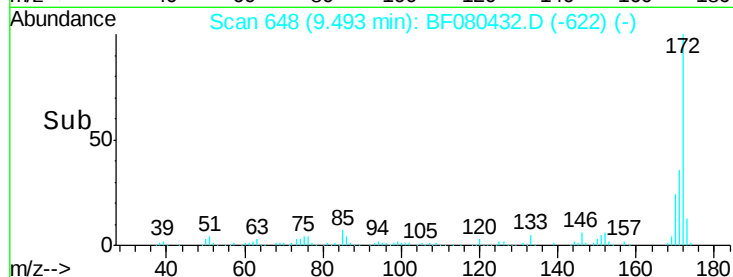
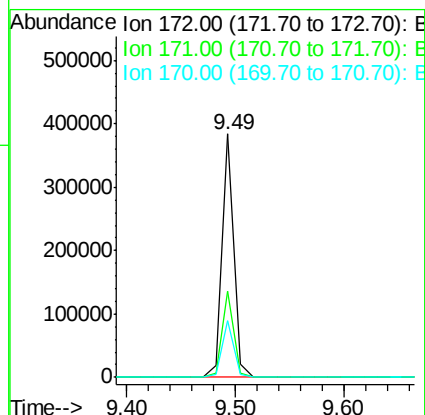
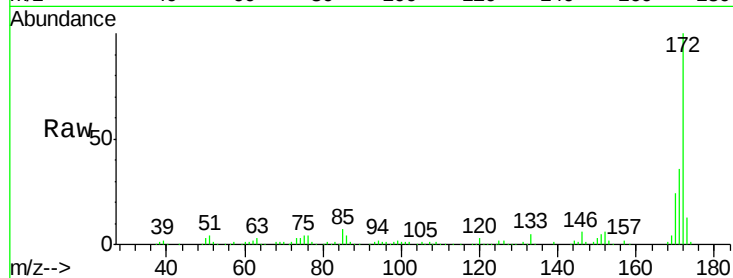




#44
 2-Fluorobiphenyl
 Concen: 81.98 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080432.D
 Acq: 13 Jul 2015 18:06

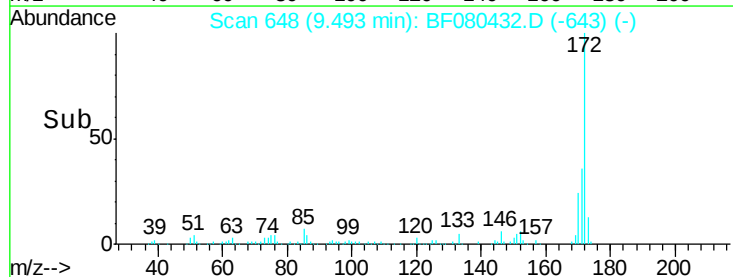
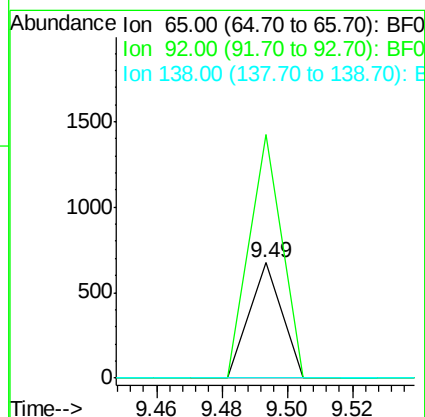
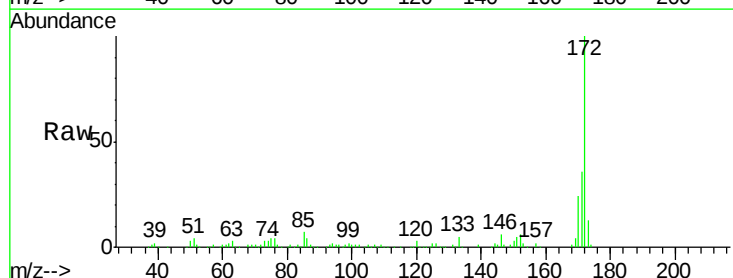
Instrument :
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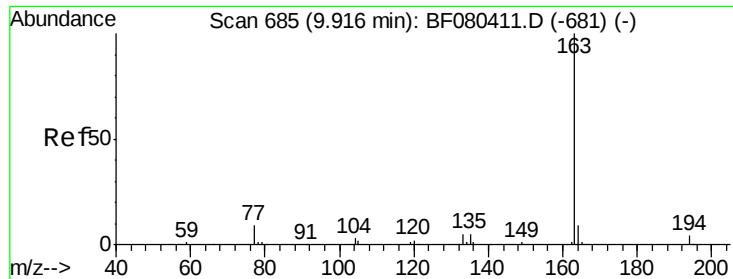
Tgt Ion: 172 Resp: 291444
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 23.5 18.6 28.0



#47
 2-Nitroaniline
 Concen: 5.07 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080432.D
 Acq: 13 Jul 2015 18:06

Tgt Ion: 65 Resp: 463
 Ion Ratio Lower Upper
 65 100
 92 211.0 53.2 79.8#
 138 0.0 78.9 118.3#





#49

Dimethylphthalate

Concen: 4.48 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

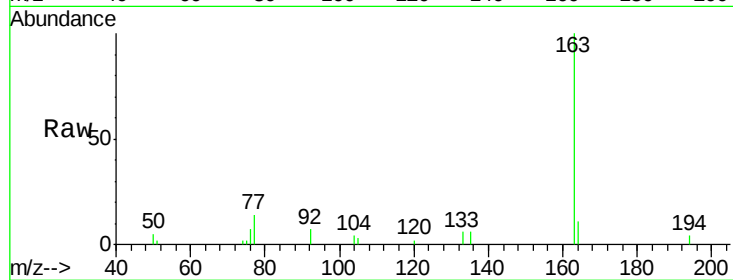
Tgt Ion:163 Resp: 16210

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

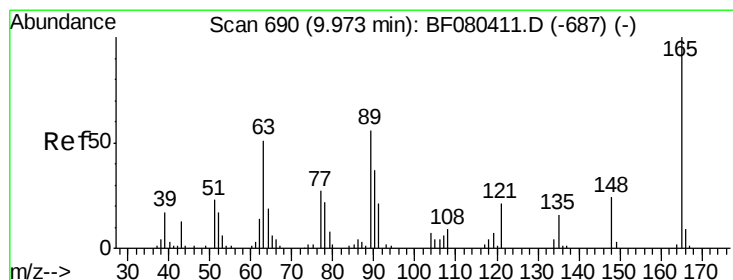
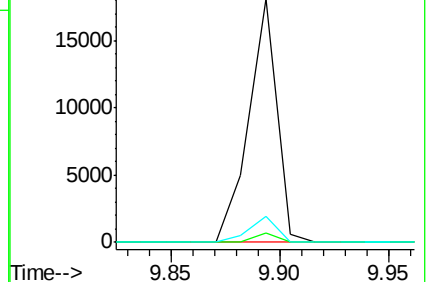
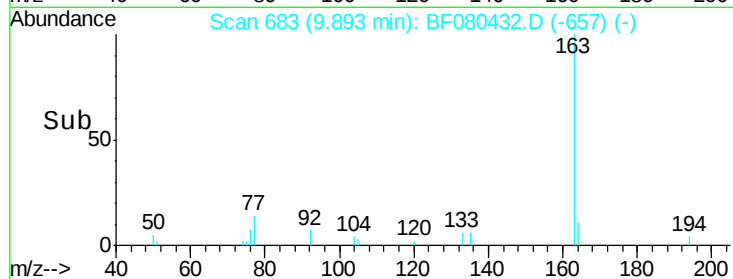
164 10.7 7.4 11.0



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: 7.67 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

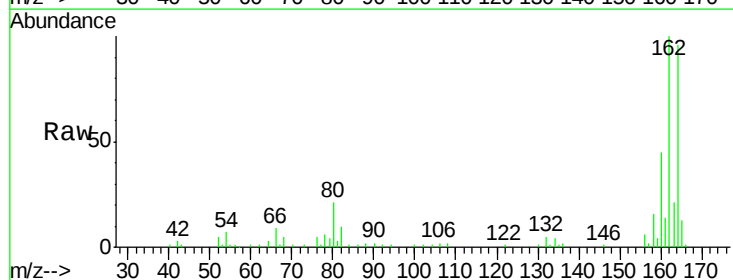
Tgt Ion:165 Resp: 6233

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

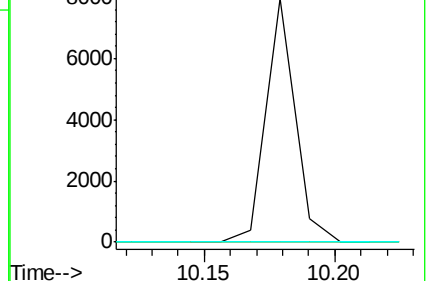
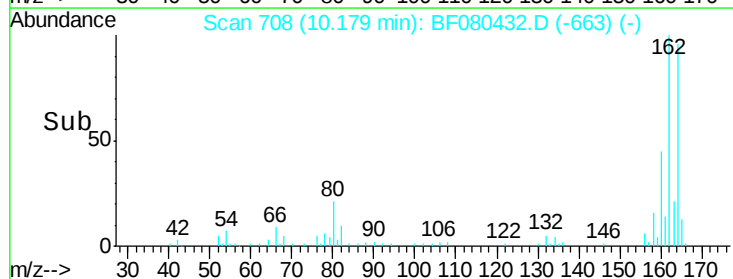
89 0.0 44.5 66.7#

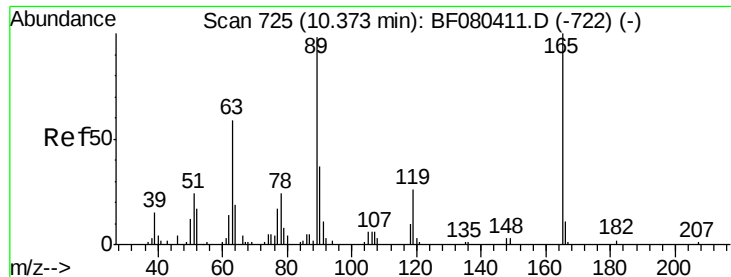


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

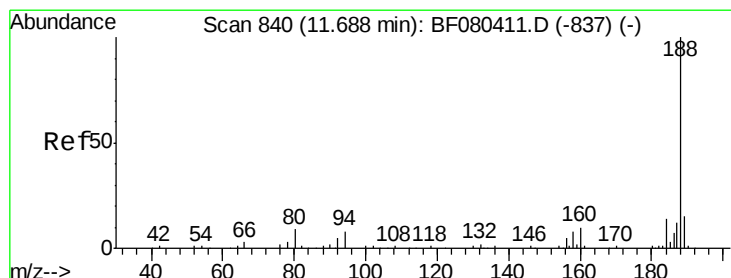
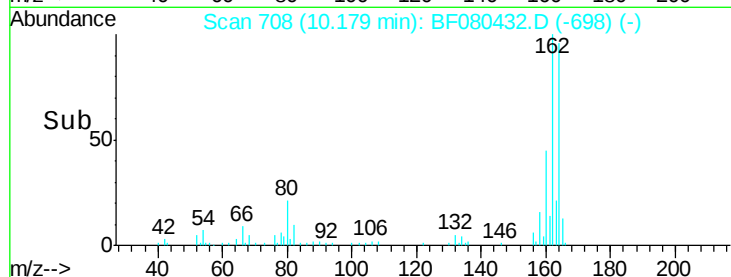
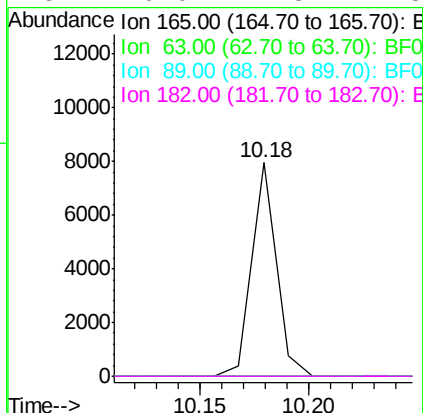
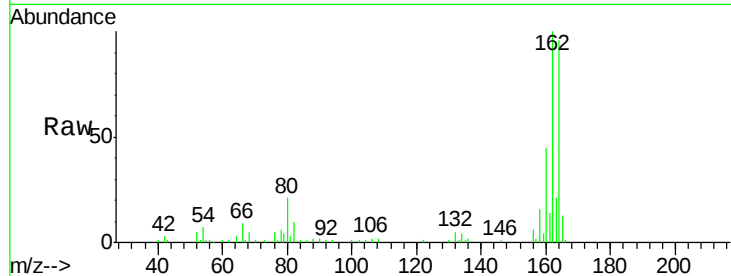




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080432.D
 Acq: 13 Jul 2015 18:06

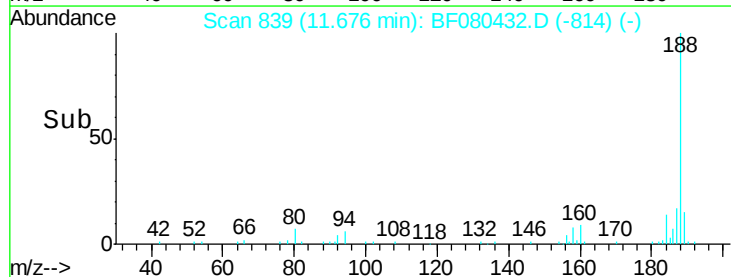
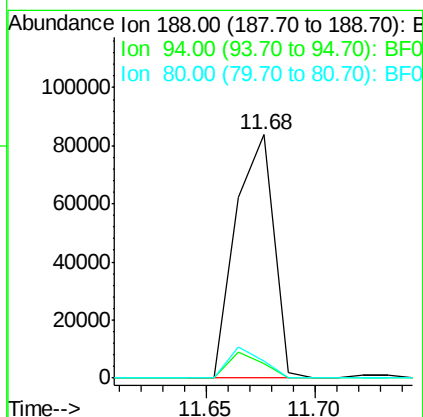
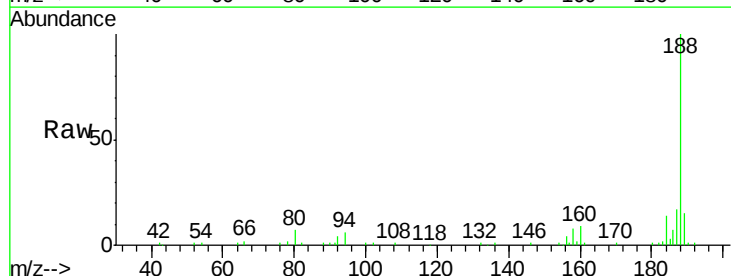
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

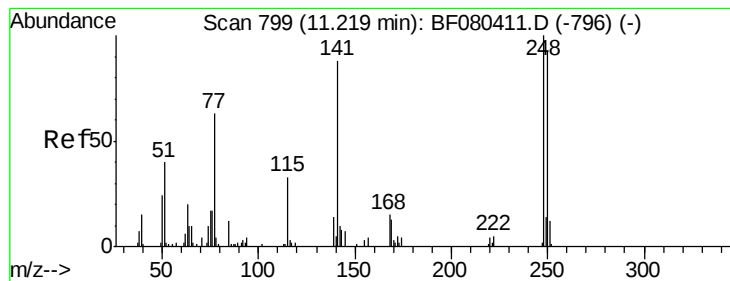
Tgt Ion:165 Resp: 6234
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.7 77.5#
 89 0.0 78.6 117.8#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF080432.D
 Acq: 13 Jul 2015 18:06

Tgt Ion:188 Resp: 101562
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.7 10.1#
 80 6.8 7.5 11.3#





#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.24 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

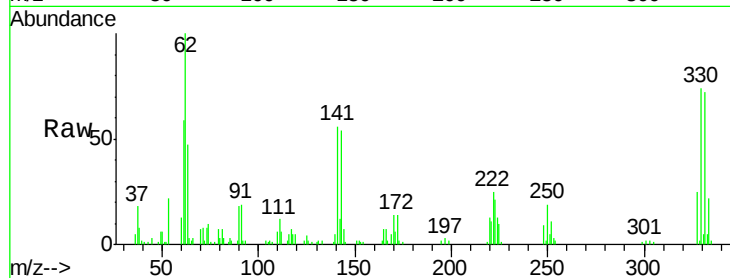
Tgt Ion:248 Resp: 4408

Ion Ratio Lower Upper

248 100

250 214.1 74.2 111.4#

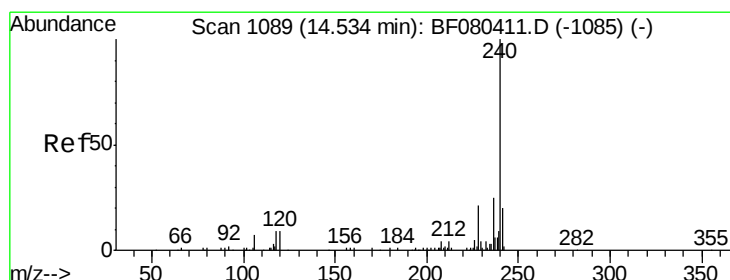
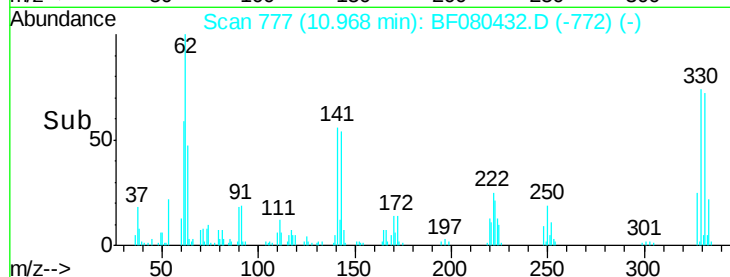
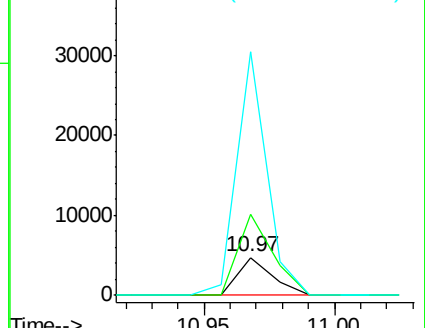
141 644.8 70.7 106.1#



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: BF080432.D

Acq: 13 Jul 2015 18:06

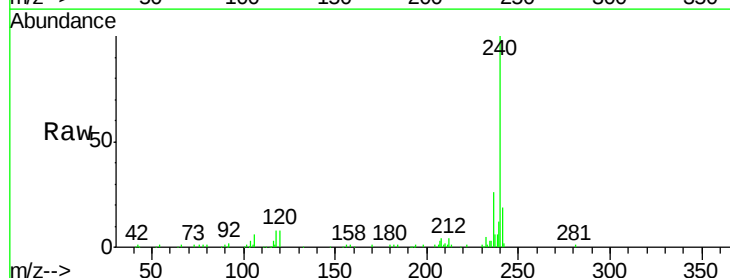
Tgt Ion:240 Resp: 115858

Ion Ratio Lower Upper

240 100

120 7.9 7.4 11.2

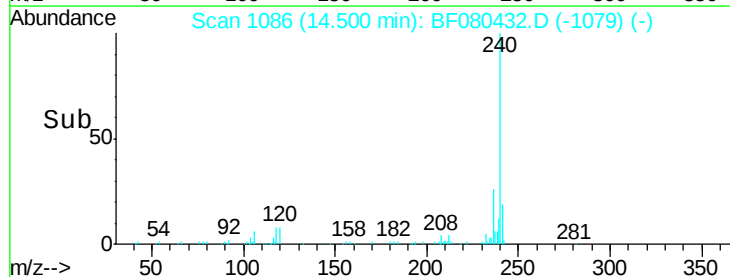
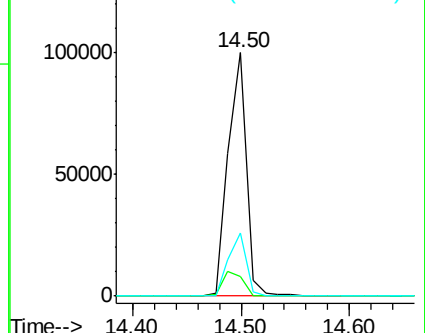
236 25.9 19.7 29.5

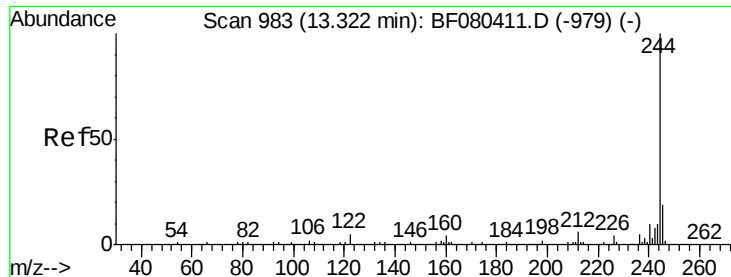


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.13 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.10 min

Lab File: BF080432.D

Acq: 13 Jul 2015 18:06

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

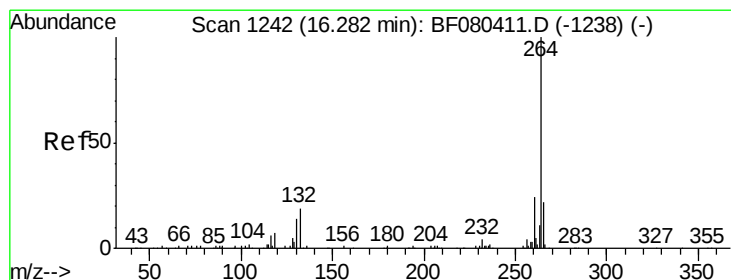
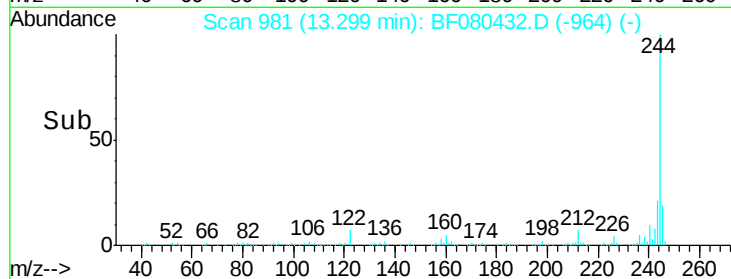
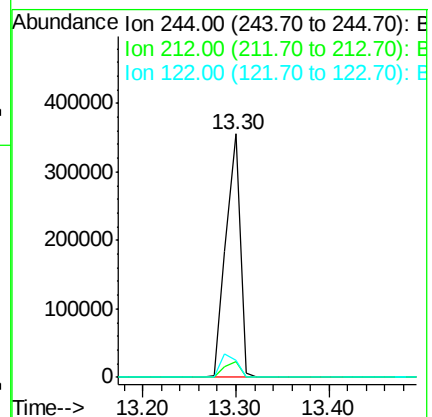
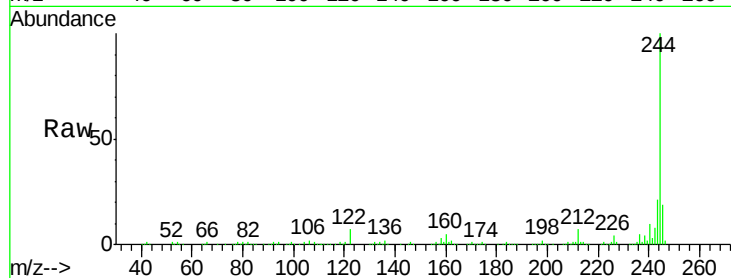
Tgt Ion:244 Resp: 379481

Ion Ratio Lower Upper

244 100

212 6.5 4.9 7.3

122 6.8 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: BF080432.D

Acq: 13 Jul 2015 18:06

Tgt Ion:264 Resp: 109048

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.7 17.8 26.8

