

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080441.D
 Acq On : 13 Jul 2015 22:29
 Operator : TP/UM
 Sample : G2945-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

Quant Time: Jul 14 01:01:51 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

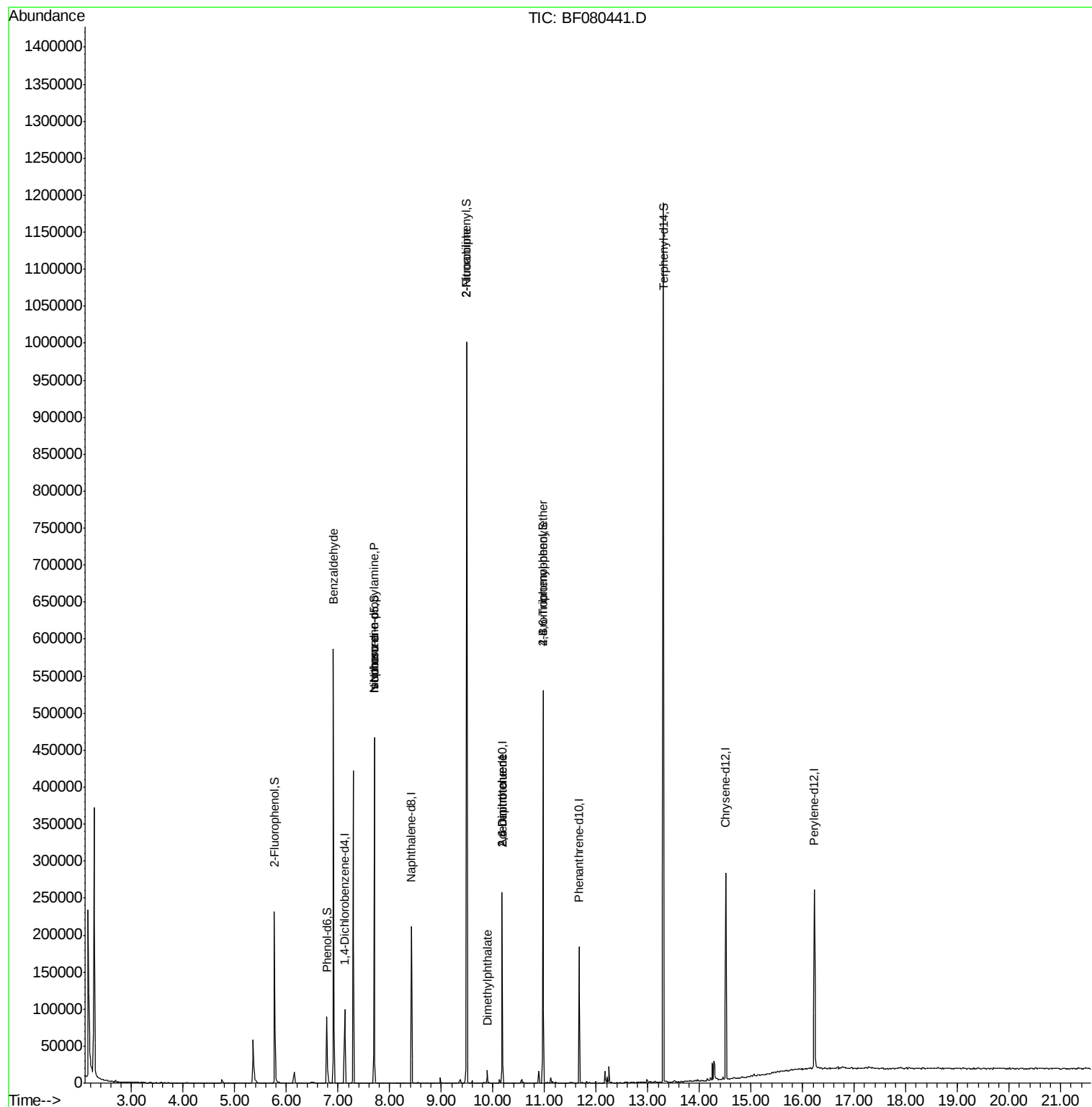
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	18595	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	84398	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	45329	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	86690	20.00	ng	-0.02
75) Chrysene-d12	14.51	240	109004	20.00	ng	-0.21
86) Perylene-d12	16.23	264	119534	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	67354	62.07	ng	0.00
7) Phenol-d6	6.78	99	50069	34.63	ng	0.01
23) Nitrobenzene-d5	7.70	82	126754	85.66	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	47753	107.94	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	270648	80.42	ng	0.00
78) Terphenyl-d14	13.30	244	363124	72.35	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.91	77	3144	3.93	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.70	70	16592	16.77	ng	# 80
25) Isophorone	7.70	82	126749	47.79	ng	# 73
47) 2-Nitroaniline	9.49	65	409	5.04	ng	# 1
49) Dimethylphthalate	9.89	163	9986	2.91	ng	# 96
50) 2,6-Dinitrotoluene	10.18	165	6048	7.86	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	6047	6.72	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	3904	4.23	ng	# 1

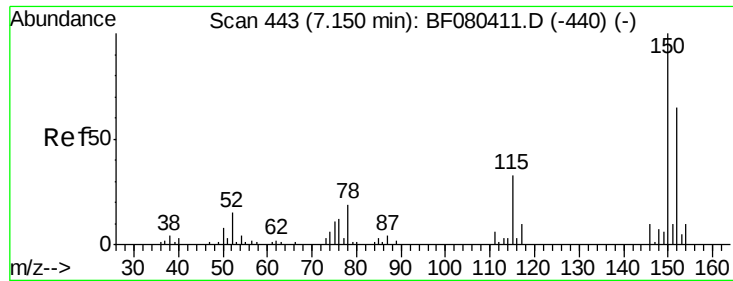
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jul 14 01:01:51 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: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PO-TEC

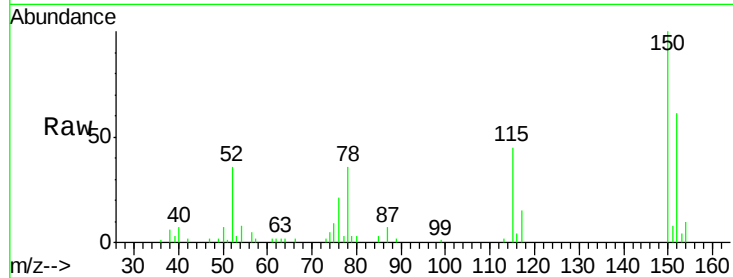
Tgt Ion:152 Resp: 18595

Ion Ratio Lower Upper

152 100

150 162.7 122.3 183.5

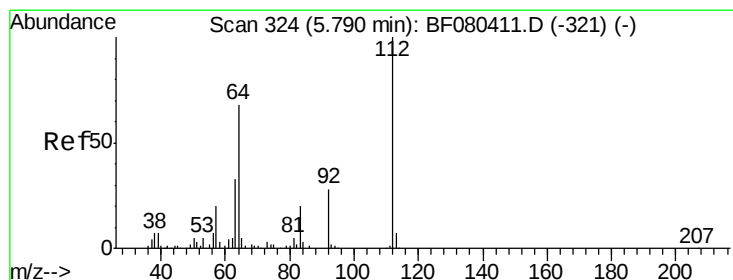
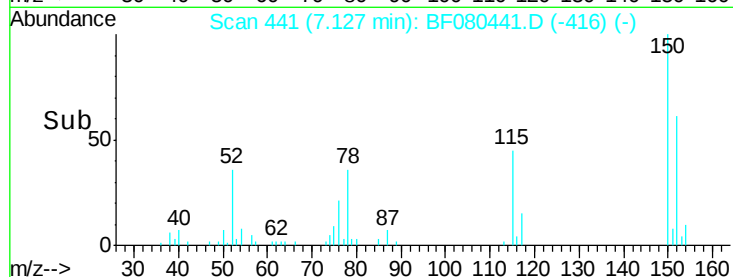
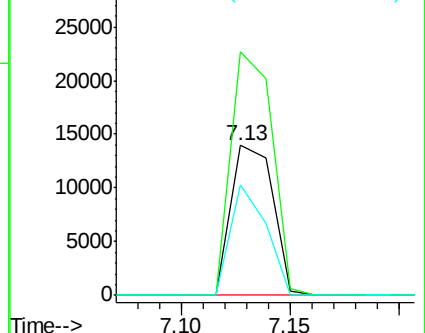
115 73.6 41.0 61.4#



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: 62.07 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

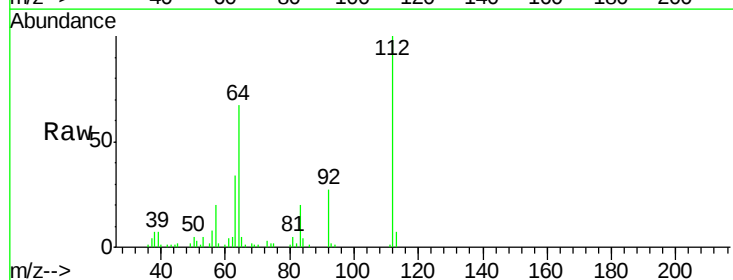
Tgt Ion:112 Resp: 67354

Ion Ratio Lower Upper

112 100

64 66.7 54.3 81.5

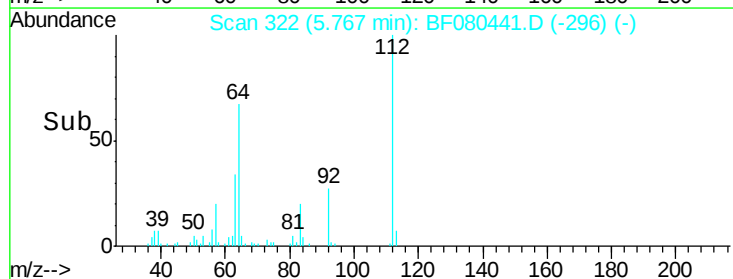
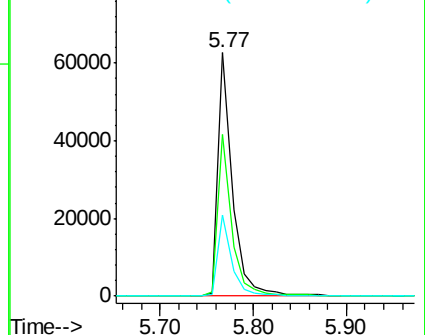
63 33.5 26.7 40.1

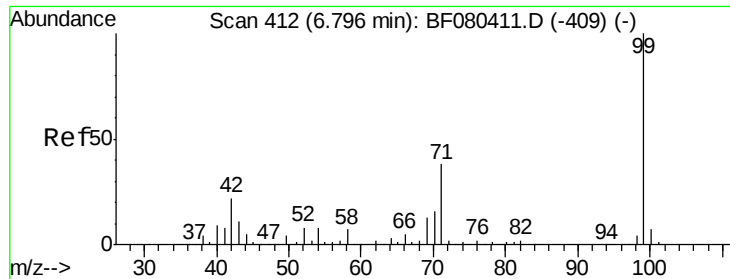


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.63 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PO-TEC

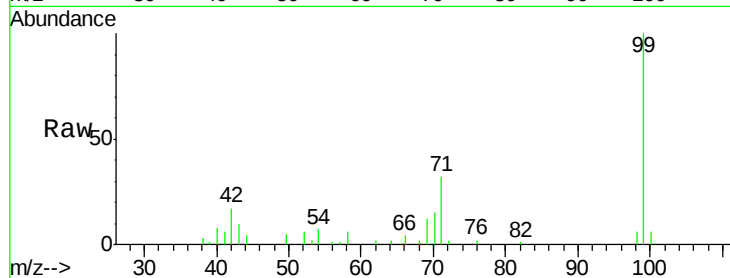
Tgt Ion: 99 Resp: 50069

Ion Ratio Lower Upper

99 100

42 16.6 17.9 26.9#

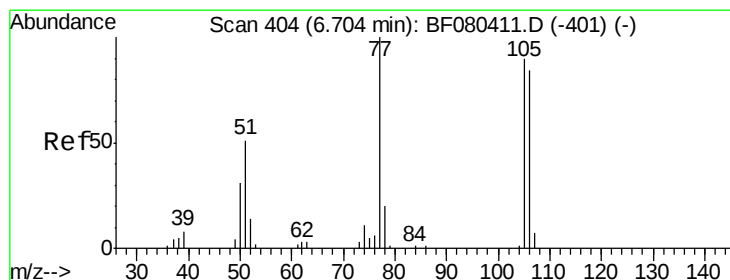
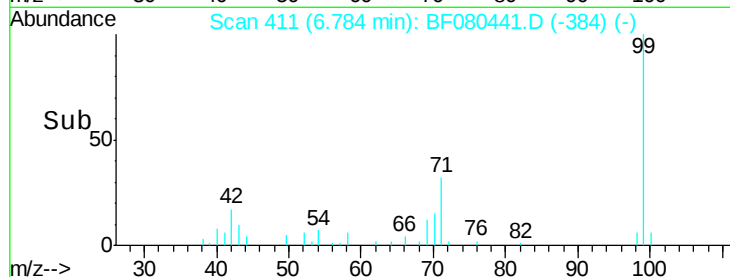
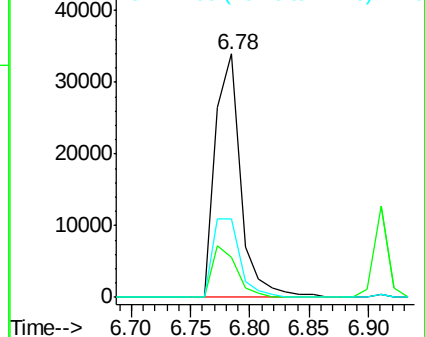
71 32.3 30.1 45.1



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: 3.93 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

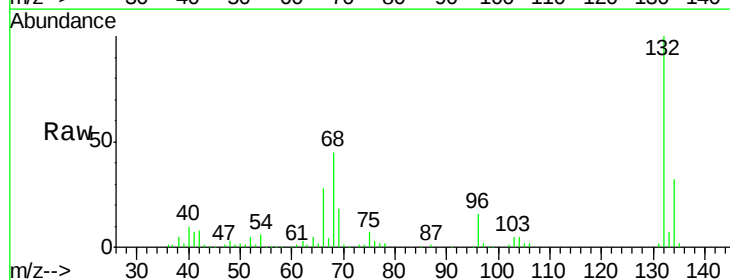
Tgt Ion: 77 Resp: 3144

Ion Ratio Lower Upper

77 100

105 74.3 69.6 109.6

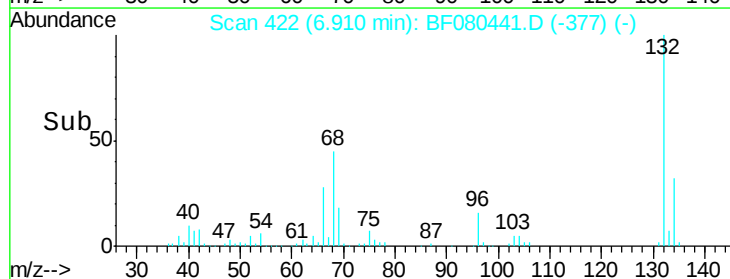
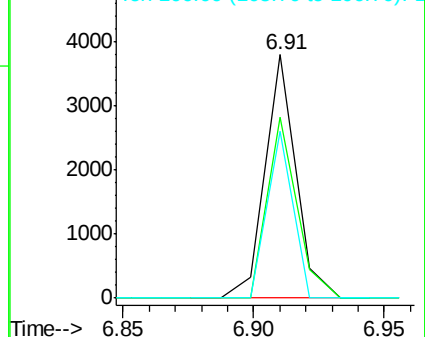
106 68.4 63.6 103.6

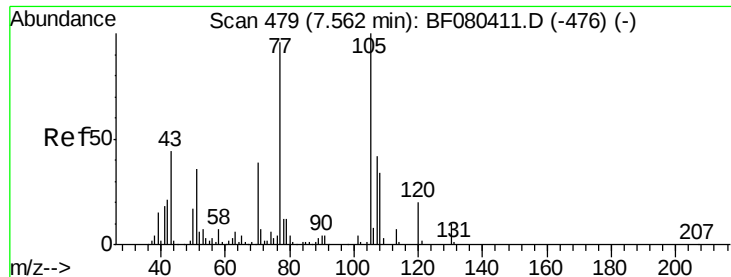


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

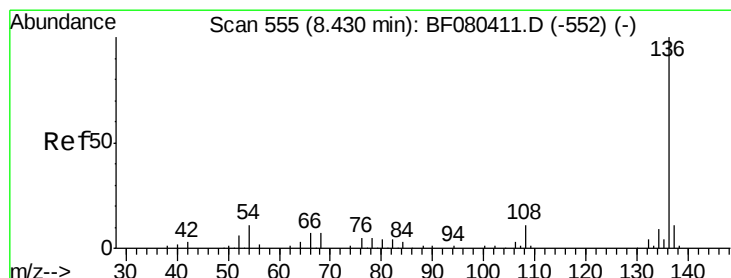
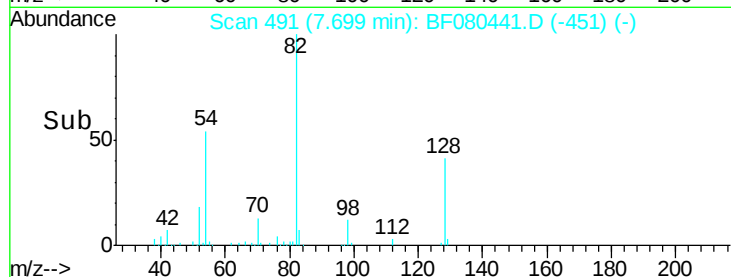
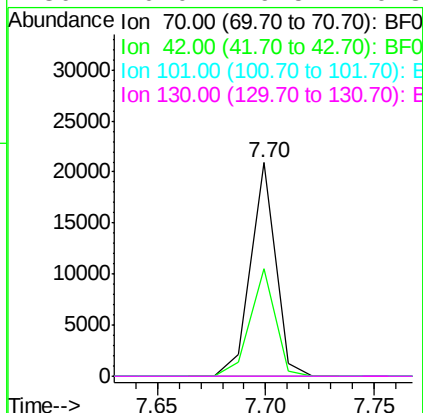
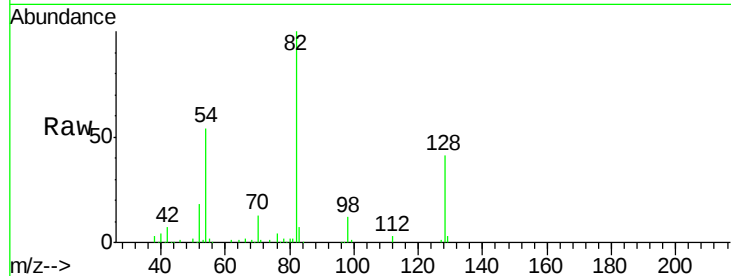




#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080441.D
Acq: 13 Jul 2015 22:29

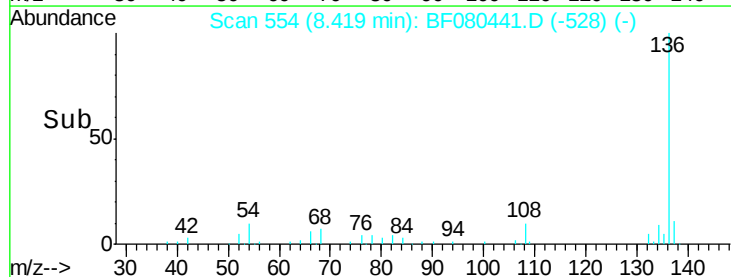
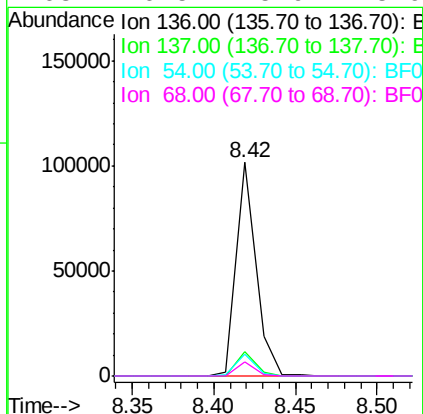
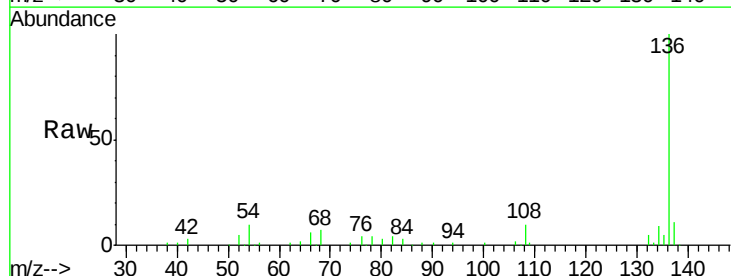
Instrument :
BNA_F
ClientSampleId :
PO-TEC

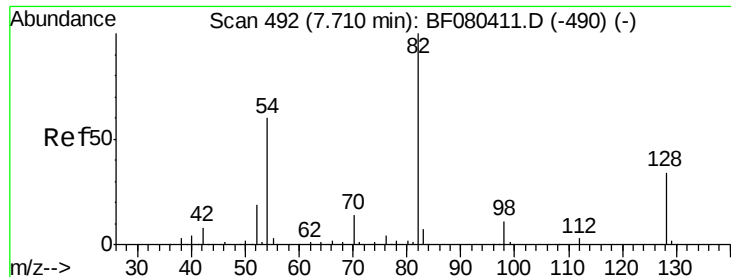
Tgt Ion: 70 Resp: 16592
Ion Ratio Lower Upper
70 100
42 50.3 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080441.D
Acq: 13 Jul 2015 22:29

Tgt Ion: 136 Resp: 84398
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.5 9.1 13.7
68 6.5 5.9 8.9

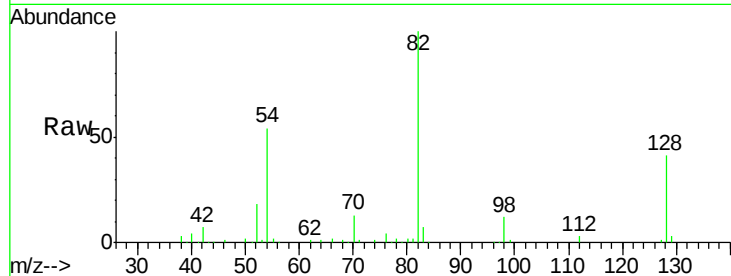




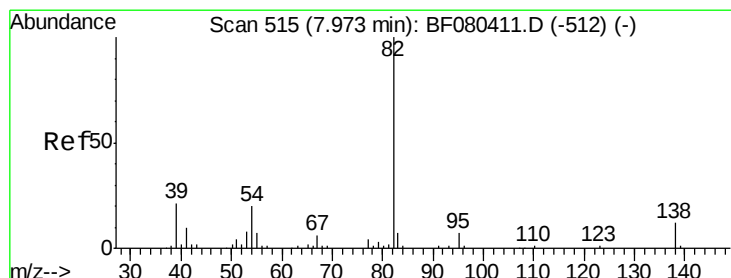
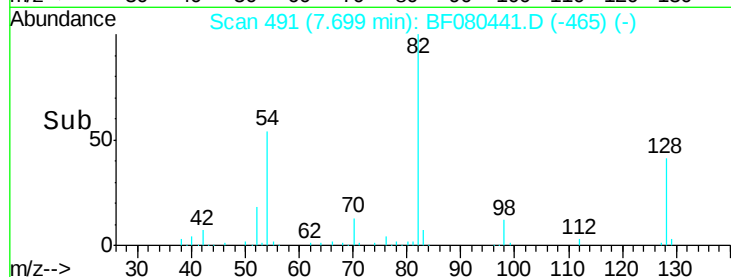
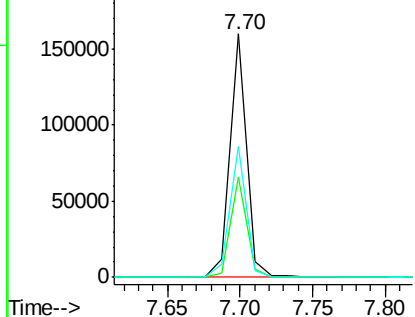
#23
Nitrobenzene-d5
Concen: 85.66 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080441.D
Acq: 13 Jul 2015 22:29

Instrument :
BNA_F
ClientSampleId :
PO-TEC

Tgt Ion: 82 Resp: 126754
Ion Ratio Lower Upper
82 100
128 41.4 26.9 40.3#
54 53.8 47.7 71.5

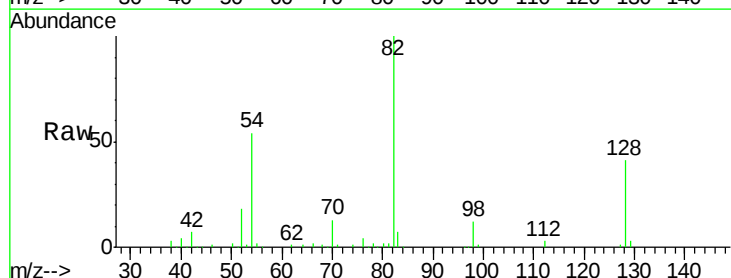


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

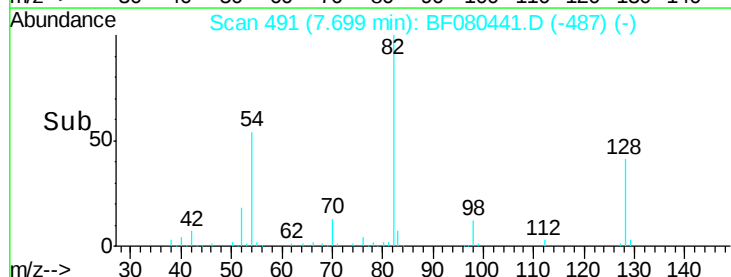
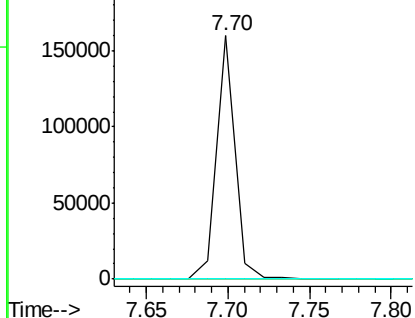


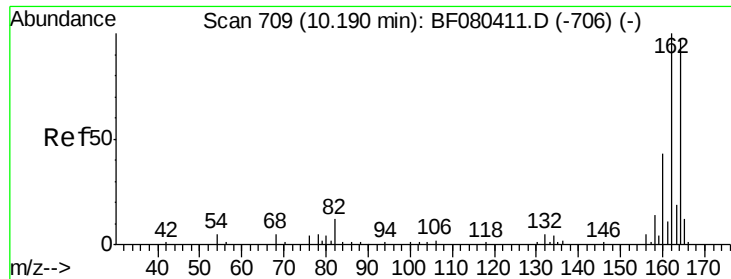
#25
Isophorone
Concen: 47.79 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080441.D
Acq: 13 Jul 2015 22:29

Tgt Ion: 82 Resp: 126749
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

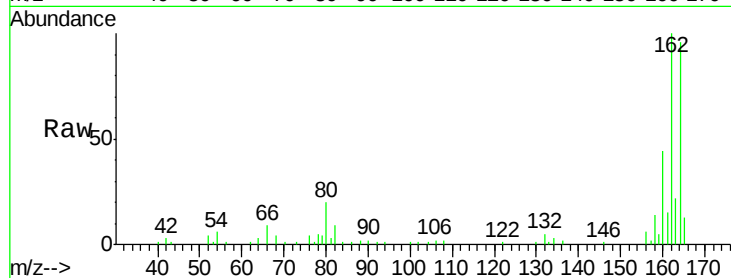




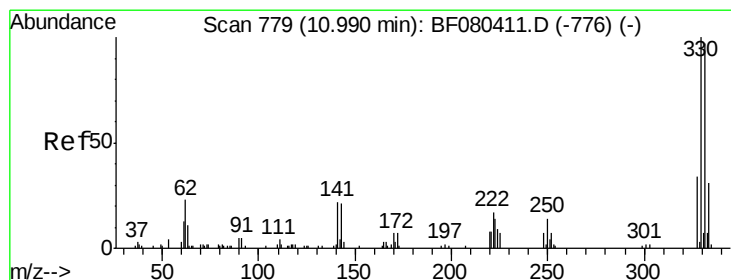
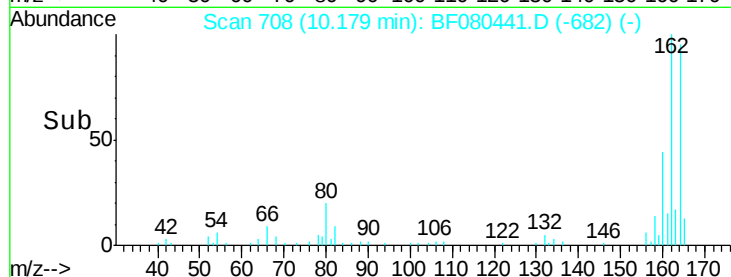
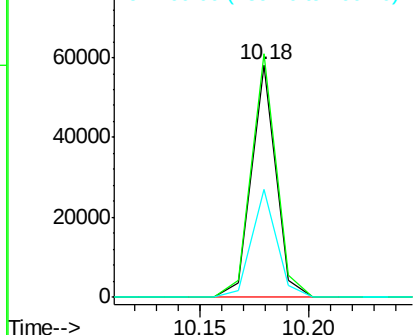
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

Tgt Ion:164 Resp: 45329
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.7 124.1
 160 46.2 35.5 53.3

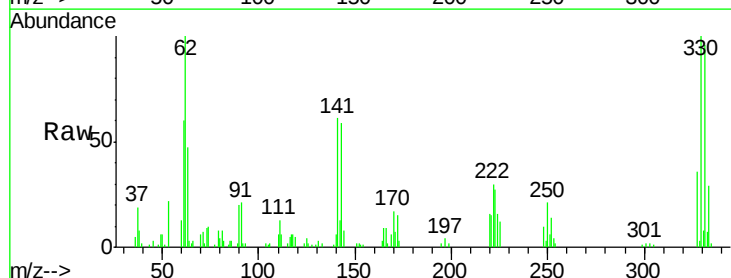


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

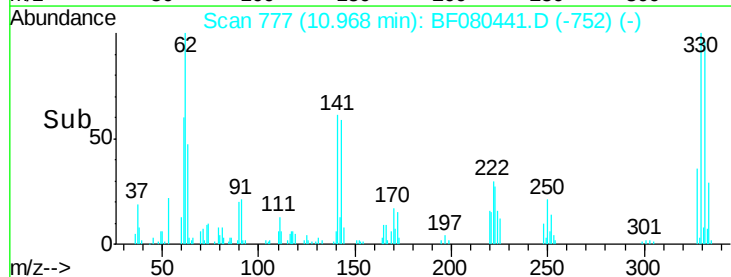
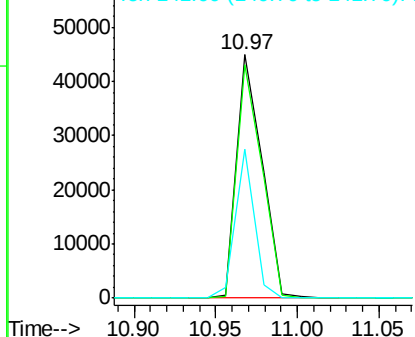


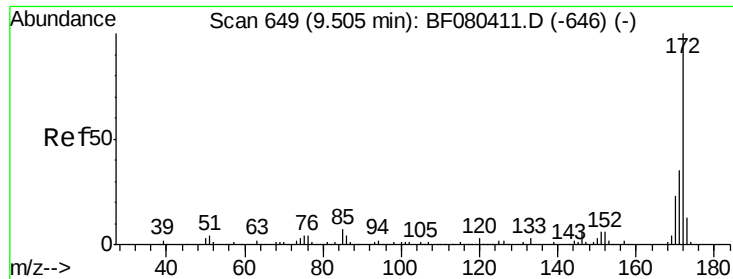
#41
 2,4,6-Tribromophenol
 Concen: 107.94 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Tgt Ion:330 Resp: 47753
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.0 117.0
 141 45.8 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

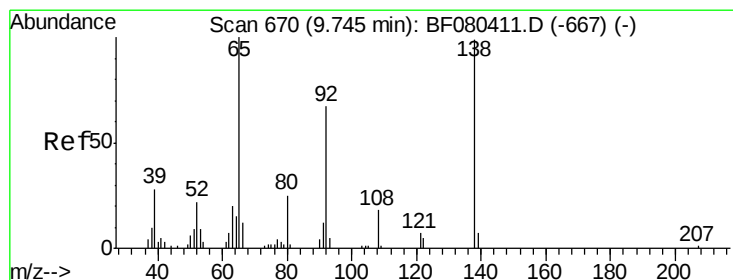
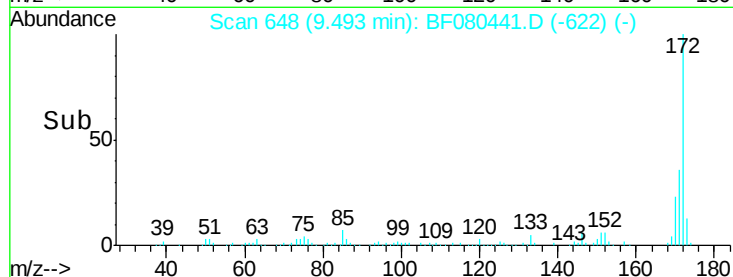
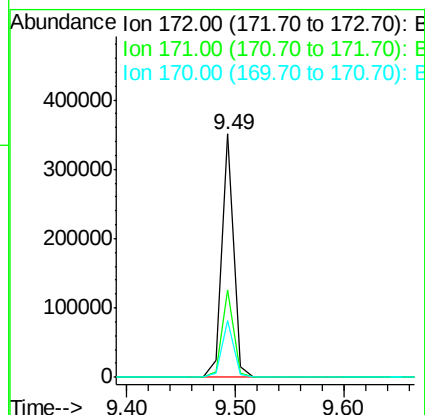
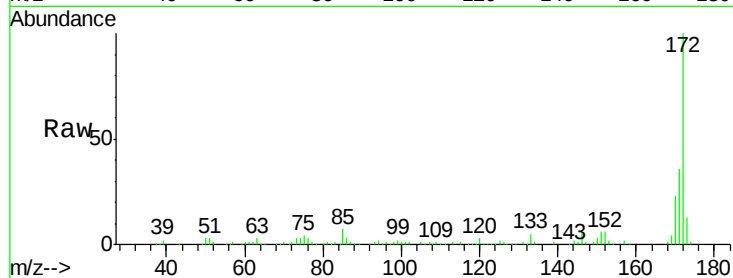




#44
 2-Fluorobiphenyl
 Concen: 80.42 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

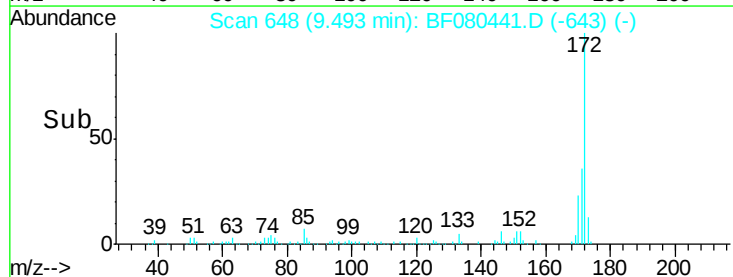
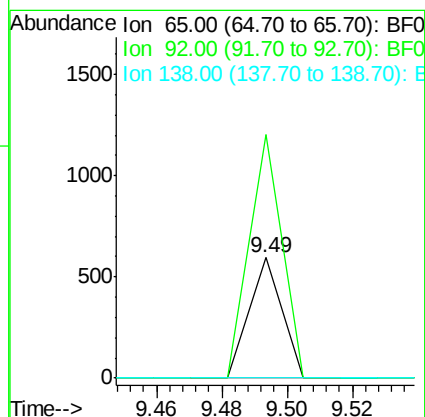
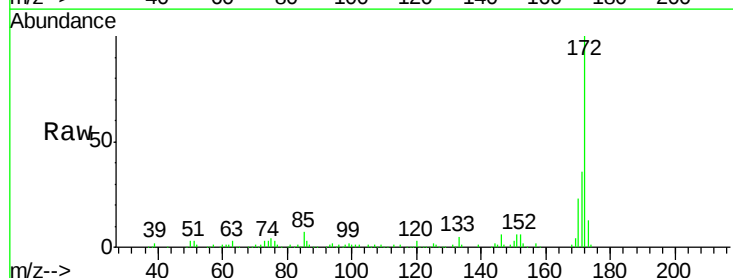
Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

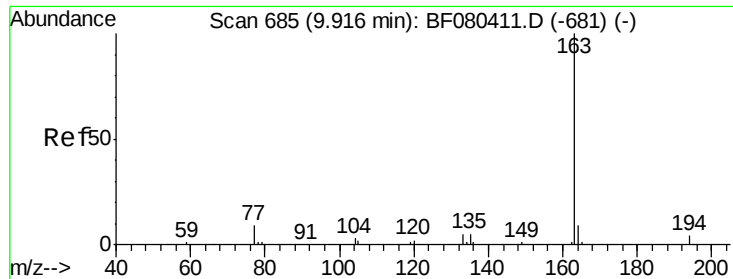
Tgt Ion: 172 Resp: 270648
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.4 42.6
 170 23.4 18.6 28.0



#47
 2-Nitroaniline
 Concen: 5.04 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Tgt Ion: 65 Resp: 409
 Ion Ratio Lower Upper
 65 100
 92 201.8 53.2 79.8#
 138 0.0 78.9 118.3#





#49

Dimethylphthalate

Concen: 2.91 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

Instrument :

BNA_F

ClientSampleId :

PO-TEC

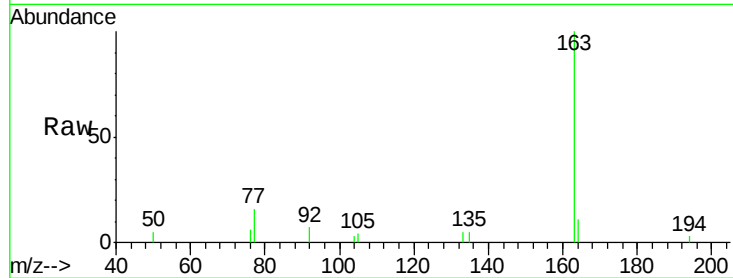
Tgt Ion:163 Resp: 9986

Ion Ratio Lower Upper

163 100

194 3.3 3.4 5.2#

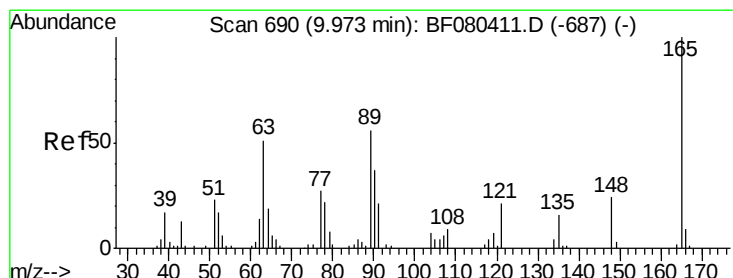
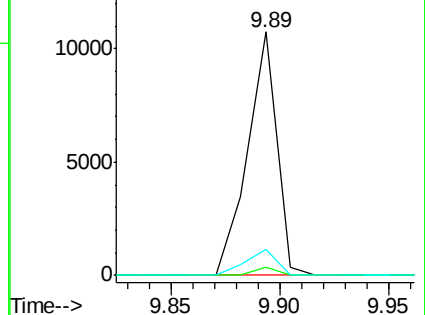
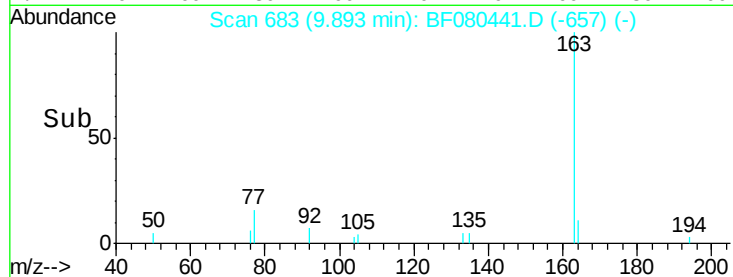
164 10.6 7.4 11.0



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: 7.86 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF080441.D

Acq: 13 Jul 2015 22:29

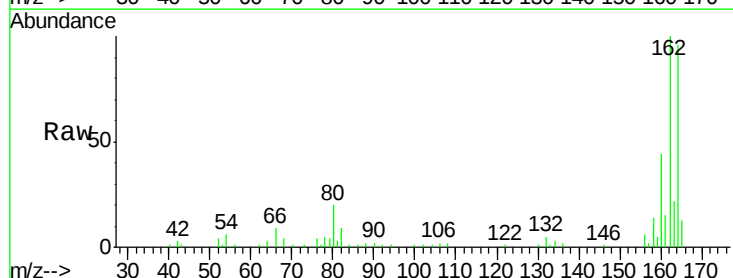
Tgt Ion:165 Resp: 6048

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

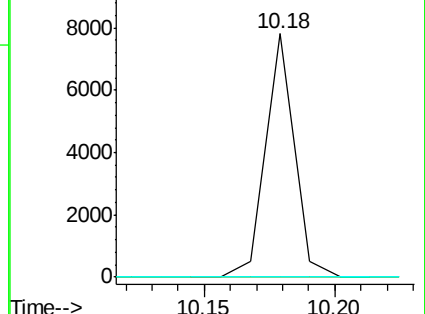
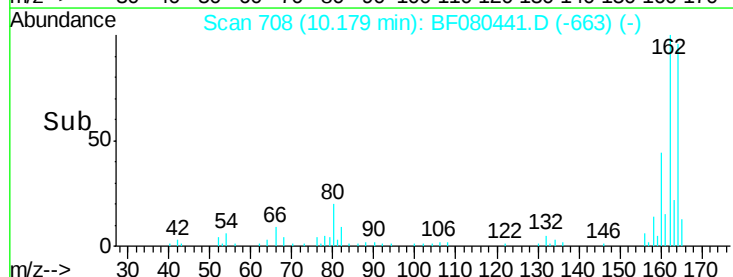
89 0.0 44.5 66.7#

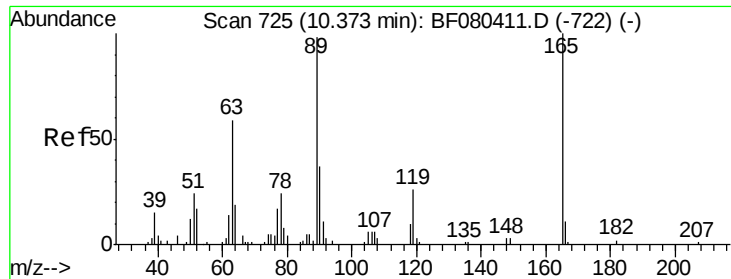


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

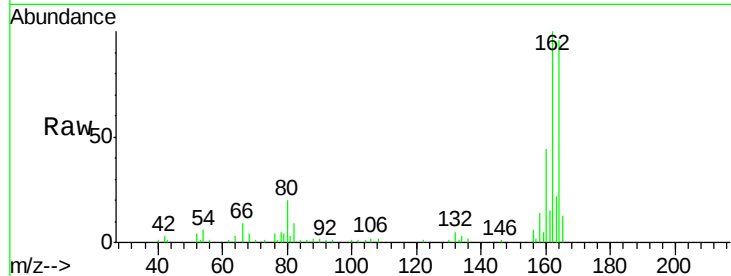




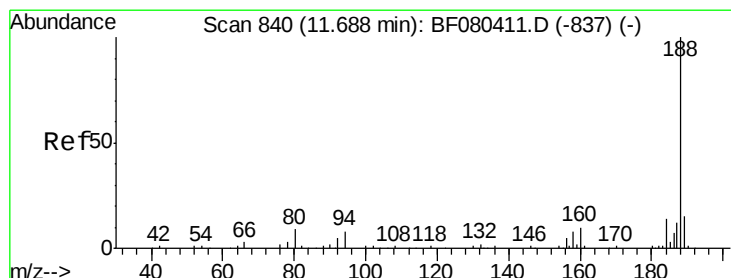
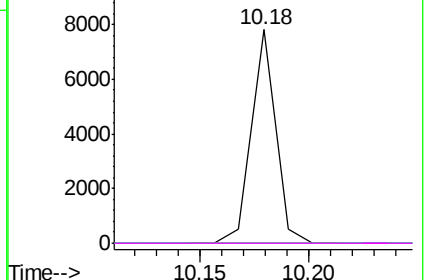
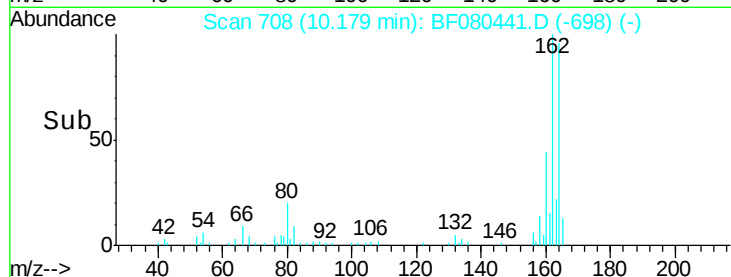
#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

Tgt Ion:165 Resp: 6047
 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#

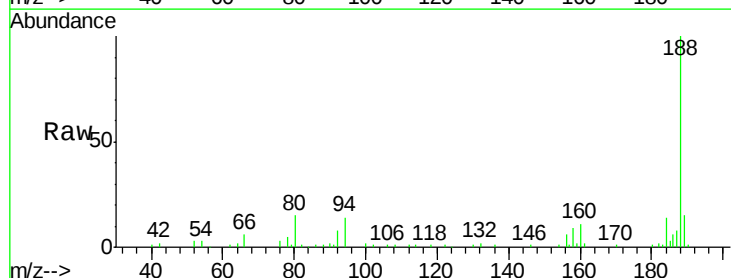


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

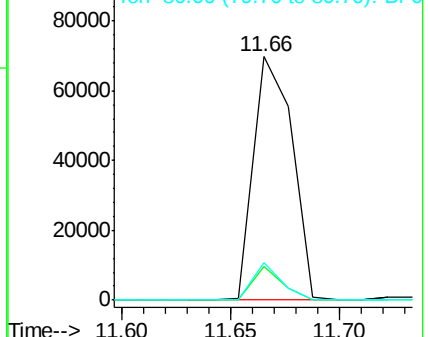
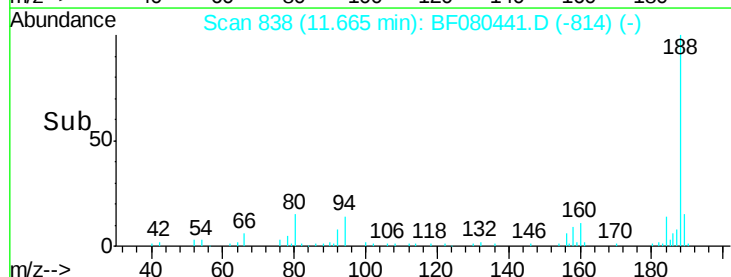


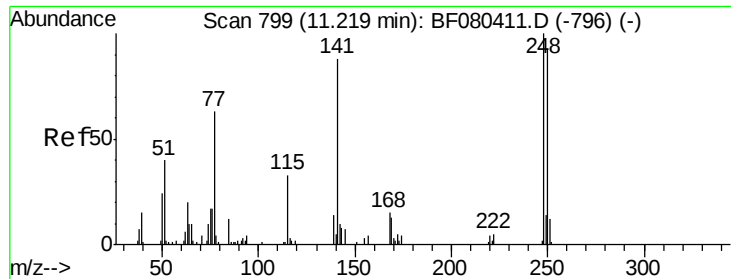
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Tgt Ion:188 Resp: 86690
 Ion Ratio Lower Upper
 188 100
 94 13.9 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

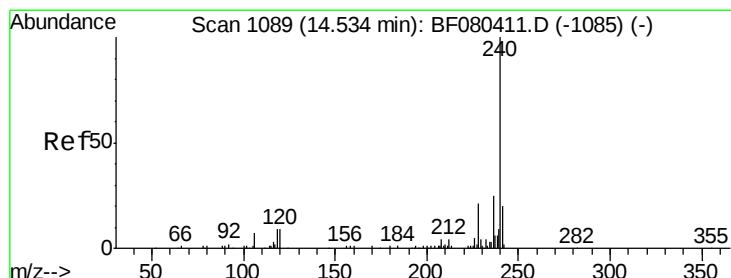
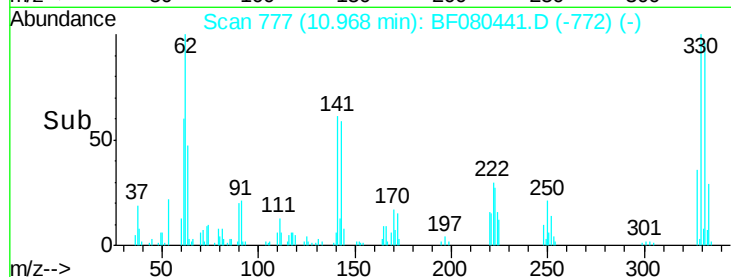
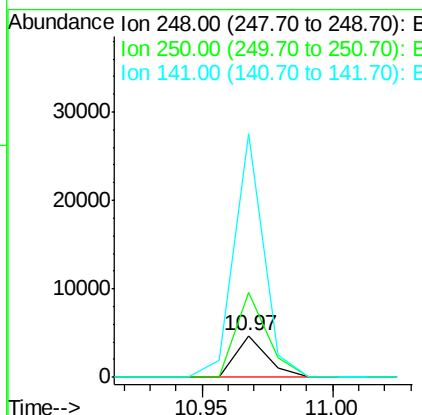
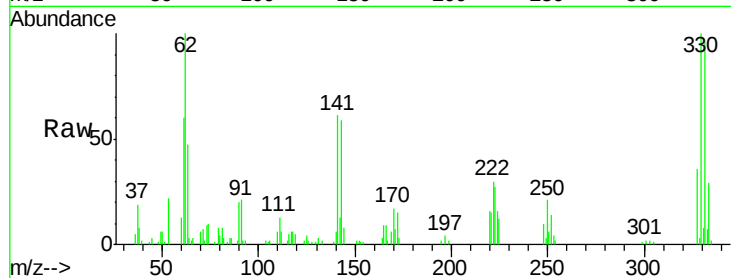




#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

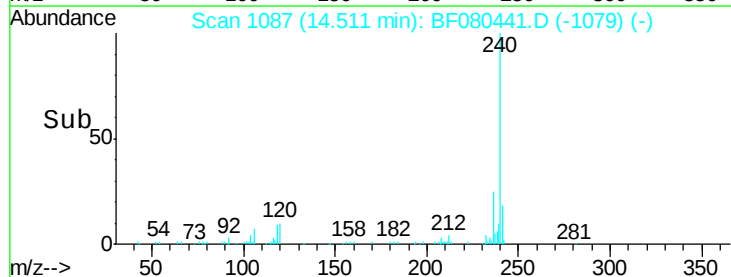
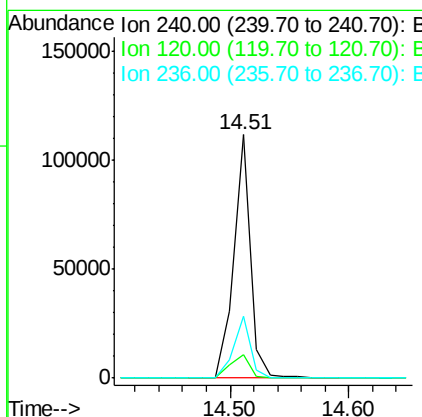
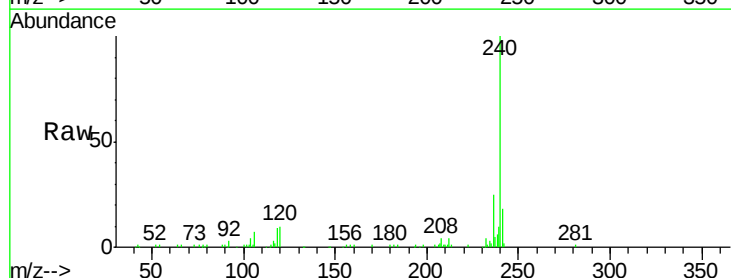
Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

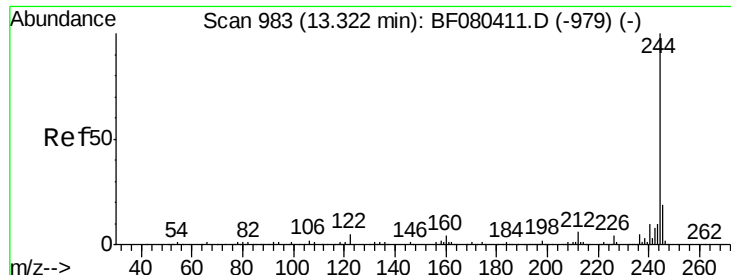
Tgt Ion:248 Resp: 3904
 Ion Ratio Lower Upper
 248 100
 250 205.1 74.2 111.4#
 141 586.7 70.7 106.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.21 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Tgt Ion:240 Resp: 109004
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.4 11.2
 236 25.2 19.7 29.5

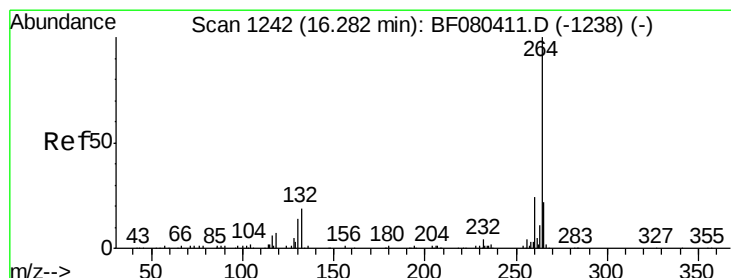
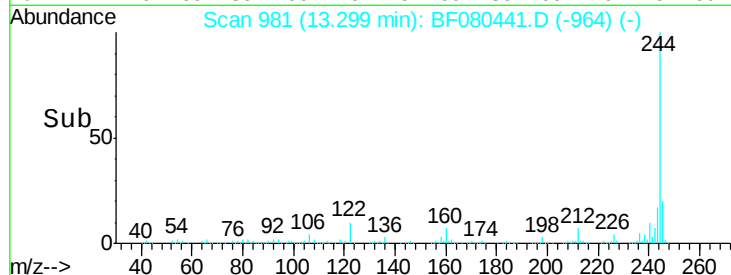
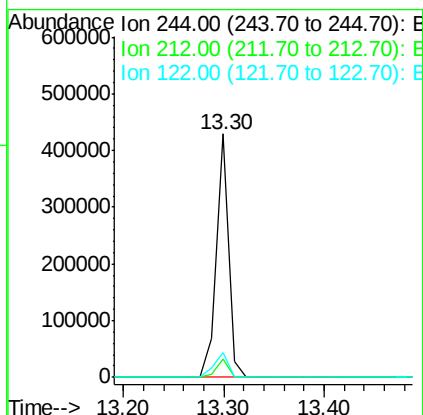
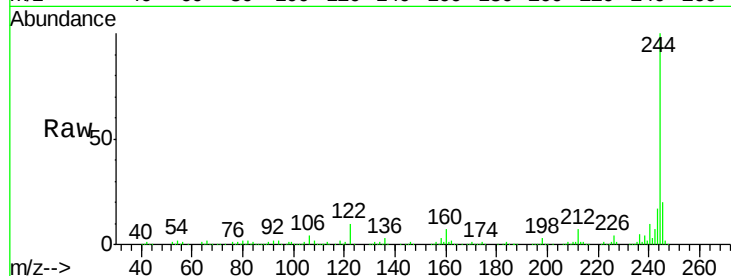




#78
 Terphenyl-d14
 Concen: 72.35 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.10 min
 Lab File: BF080441.D
 Acq: 13 Jul 2015 22:29

Instrument :
 BNA_F
 ClientSampleId :
 PO-TEC

Tgt Ion:244 Resp: 363124
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 9.9 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: BF080441.D
 Acq: 13 Jul 2015 22:29

Tgt Ion:264 Resp: 119534
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.6 17.8 26.8

