

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080440.D
 Acq On : 13 Jul 2015 22:00
 Operator : TP/UM
 Sample : G2945-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jul 14 01:01:37 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

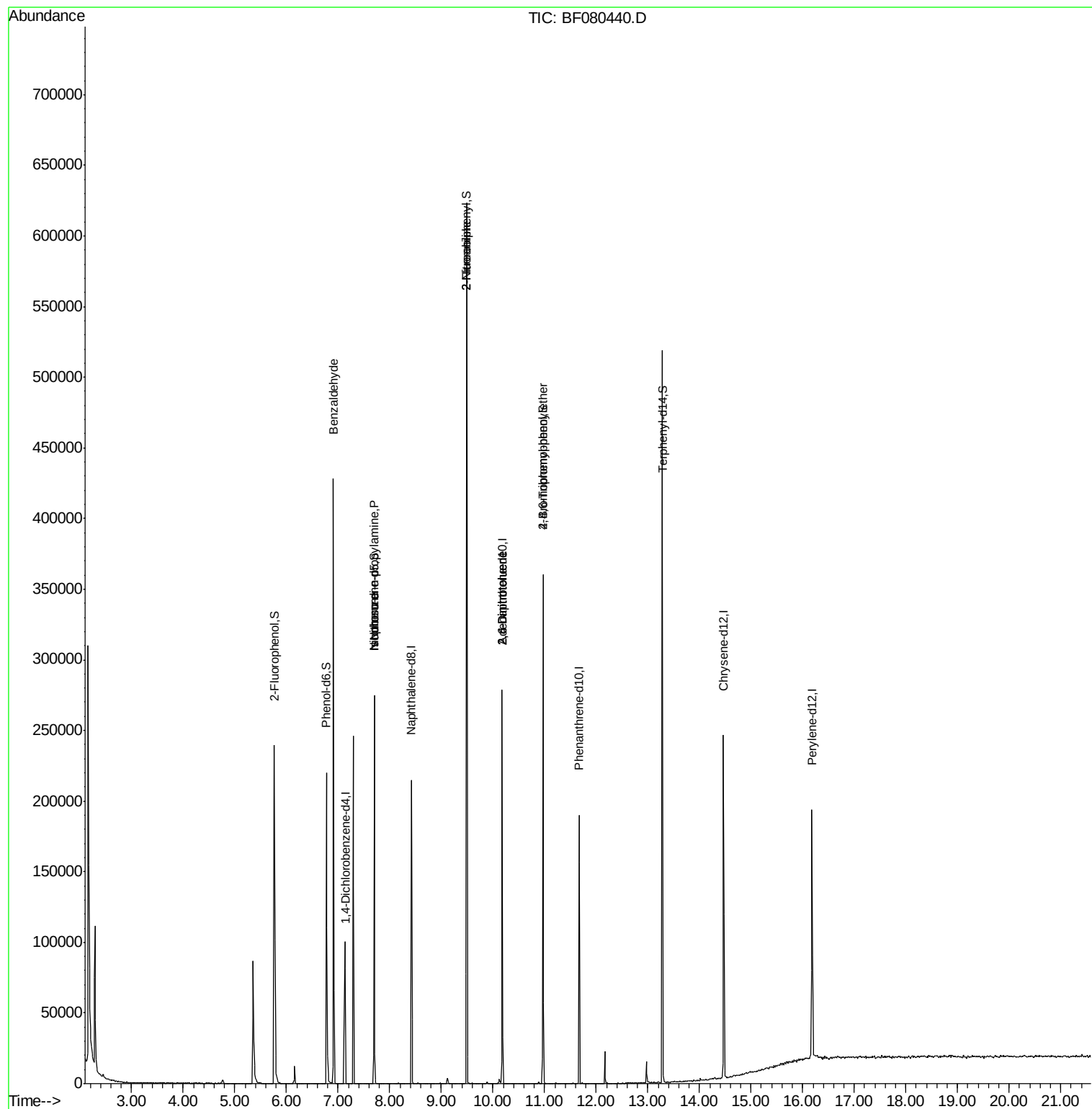
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	20997	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	89233	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	49238	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	98109	20.00	ng	-0.02
75) Chrysene-d12	14.47	240	99641	20.00	ng	-0.25
86) Perylene-d12	16.18	264	85632	20.00	ng	-0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	73069	59.63	ng	0.00
7) Phenol-d6	6.77	99	88133	53.99	ng	0.00
23) Nitrobenzene-d5	7.70	82	76342	48.79	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	30581	63.64	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	178429	48.81	ng	0.00
78) Terphenyl-d14	13.29	244	227888	49.67	ng	-0.11
Target Compounds						
9) Benzaldehyde	6.91	77	2228	2.47	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.70	70	9668	8.65	ng	# 83
25) Isophorone	7.70	82	76354	27.23	ng	# 73
47) 2-Nitroaniline	9.49	65	212	4.83	ng	# 1
50) 2,6-Dinitrotoluene	10.18	165	6291	7.53	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	6291	6.44	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2818	2.69	ng	# 1

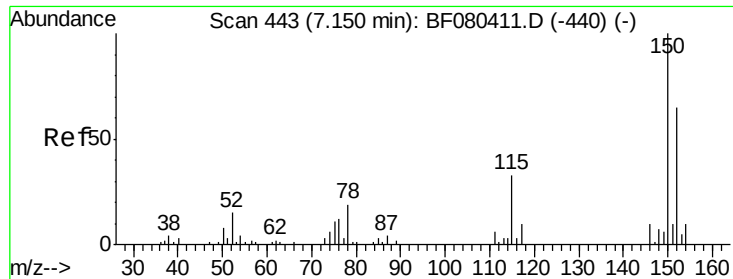
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080440.D
Acq On : 13 Jul 2015 22:00
Operator : TP/UM
Sample : G2945-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB

Quant Time: Jul 14 01:01:37 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



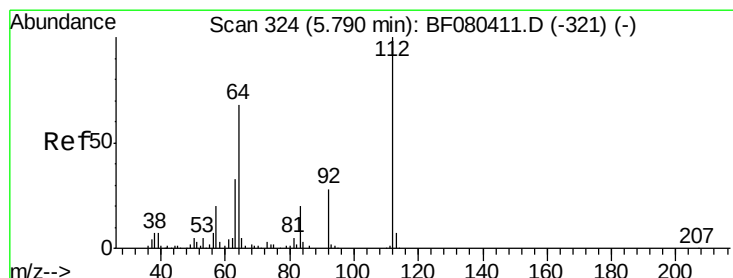
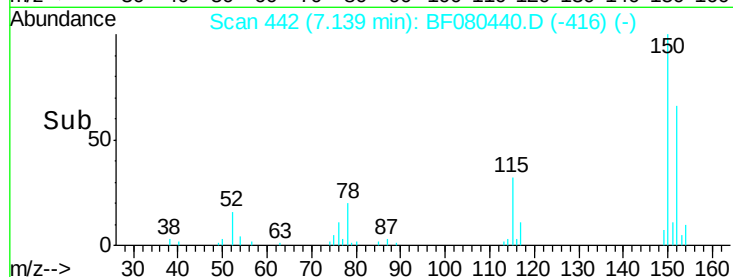
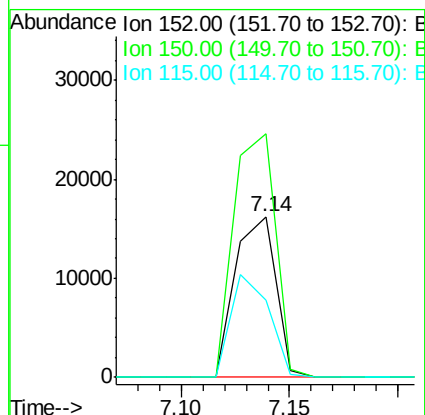
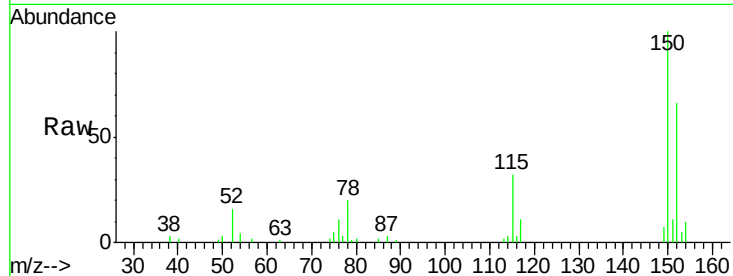


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Instrument :
BNA_F
ClientSampleId :
FB

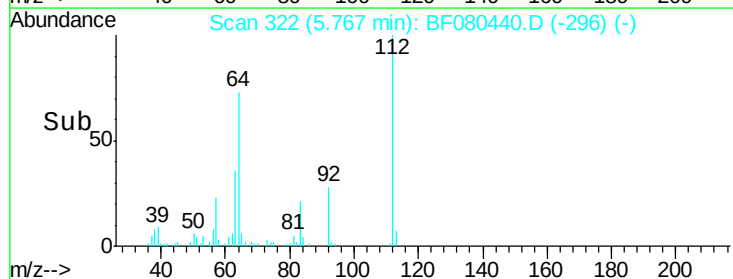
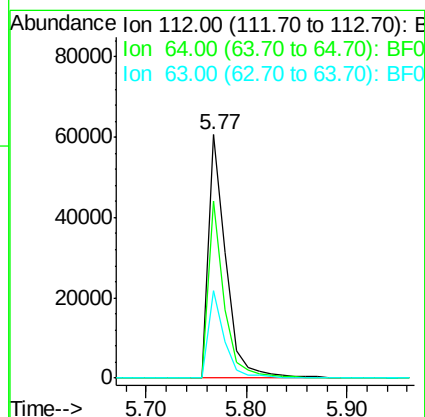
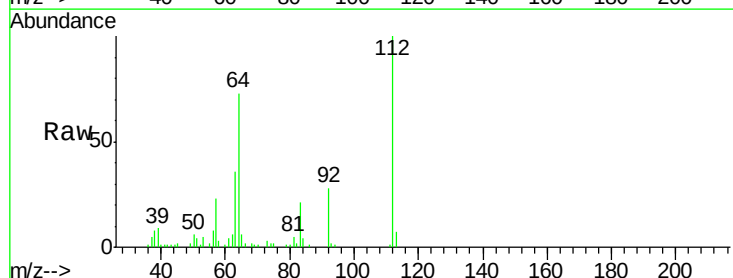
Tgt Ion:152 Resp: 20997
Ion Ratio Lower Upper
152 100
150 151.5 122.3 183.5
115 48.1 41.0 61.4

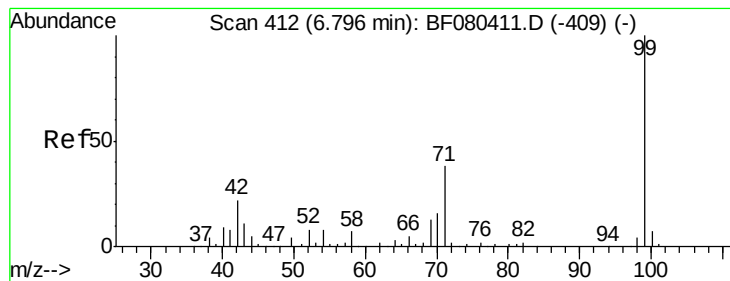


#5

2-Fluorophenol
Concen: 59.63 ng
RT: 5.77 min Scan# 322
Delta R.T. 0.00 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Tgt Ion:112 Resp: 73069
Ion Ratio Lower Upper
112 100
64 72.8 54.3 81.5
63 36.1 26.7 40.1





#7

Phenol-d6

Concen: 53.99 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampled :

FB

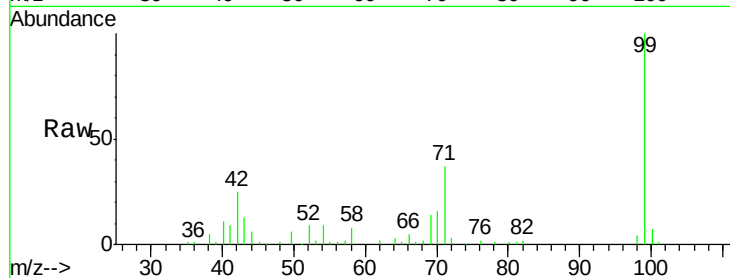
Tgt Ion: 99 Resp: 88133

Ion Ratio Lower Upper

99 100

42 25.4 17.9 26.9

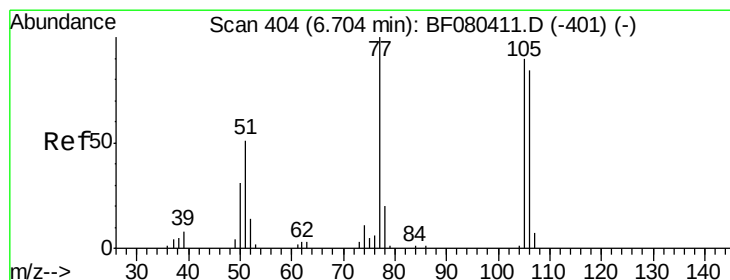
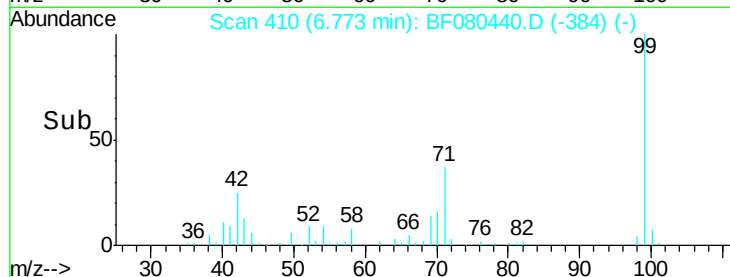
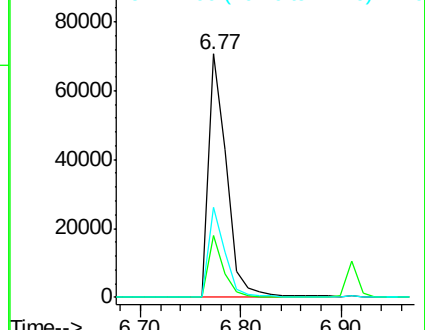
71 36.8 30.1 45.1



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: 2.47 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

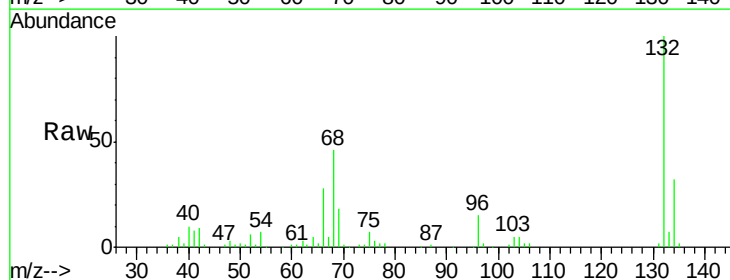
Tgt Ion: 77 Resp: 2228

Ion Ratio Lower Upper

77 100

105 73.5 69.6 109.6

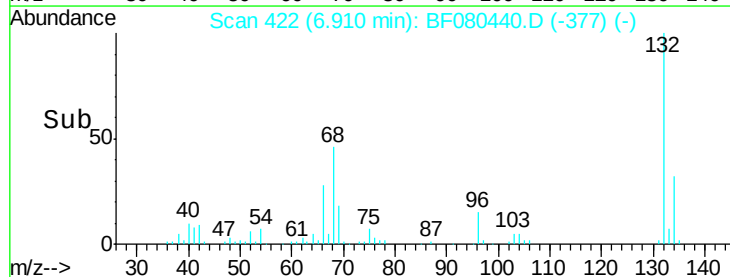
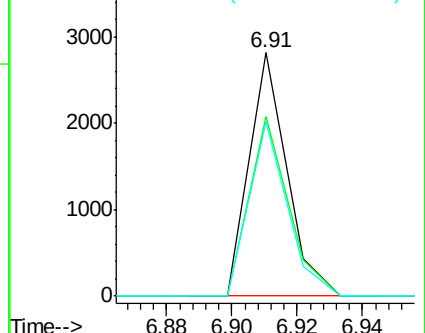
106 71.8 63.6 103.6

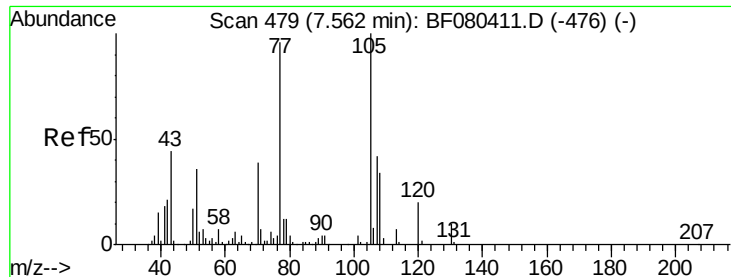


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

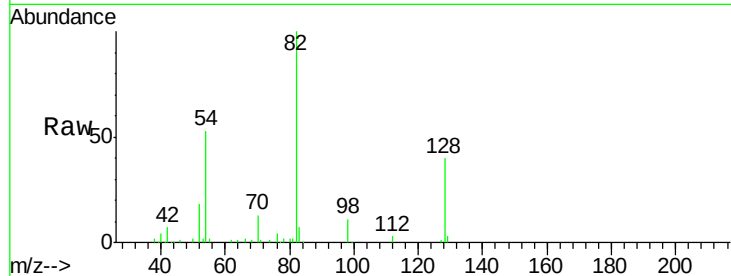




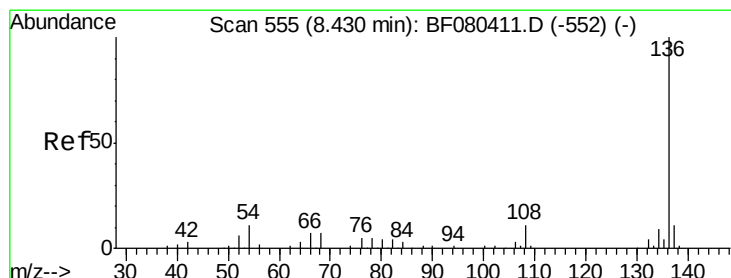
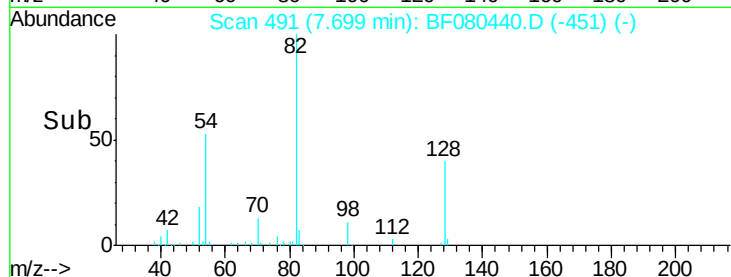
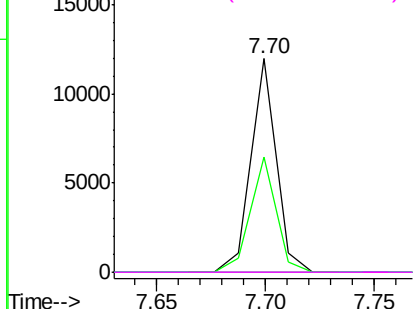
#19
n-Nitroso-di-n-propylamine
Concen: 8.65 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion: 70 Resp: 9668
Ion Ratio Lower Upper
70 100
42 53.7 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

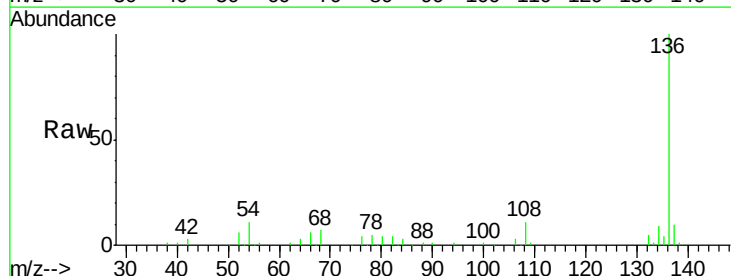


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

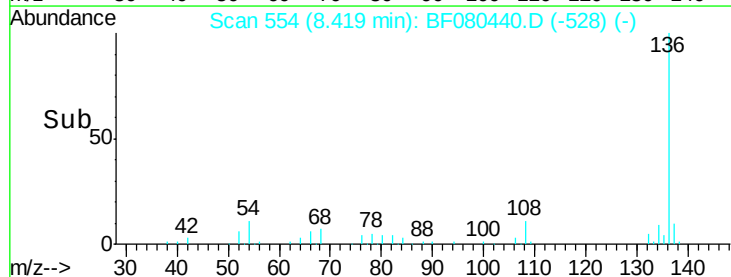
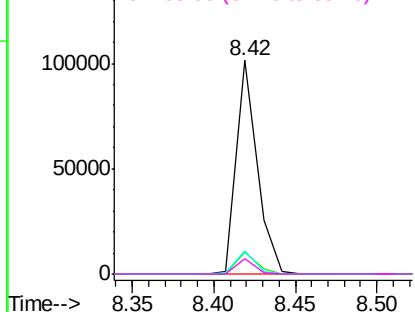


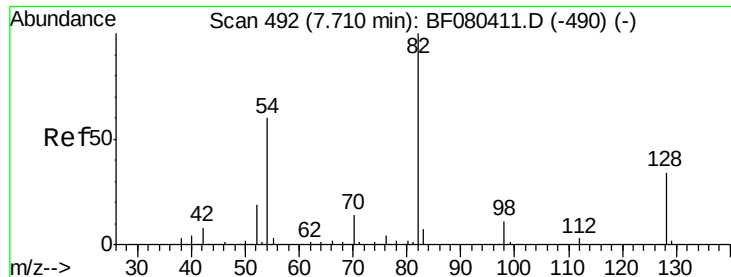
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Tgt Ion: 136 Resp: 89233
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 11.0 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: 48.79 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampleId :

FB

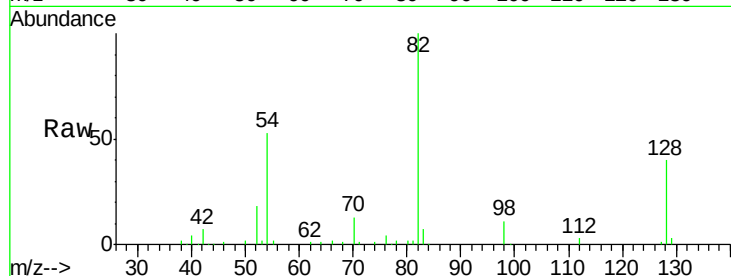
Tgt Ion: 82 Resp: 76342

Ion Ratio Lower Upper

82 100

128 40.2 26.9 40.3

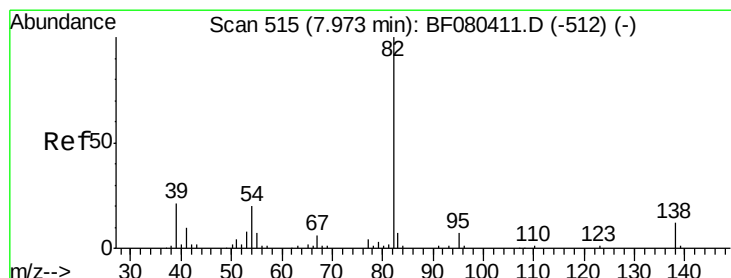
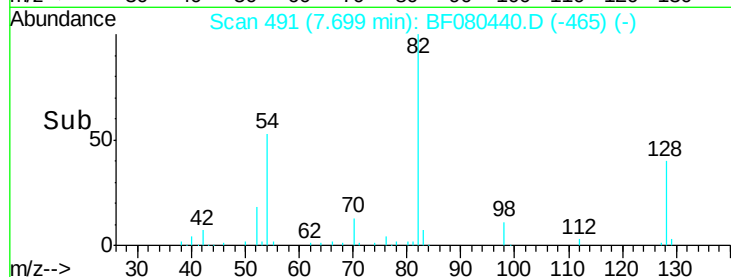
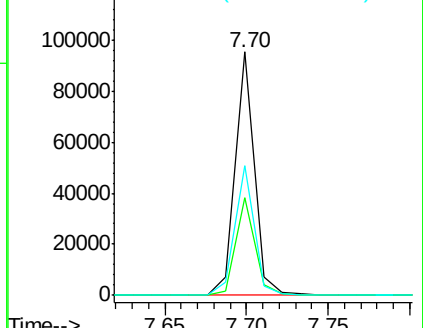
54 53.2 47.7 71.5



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: 27.23 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

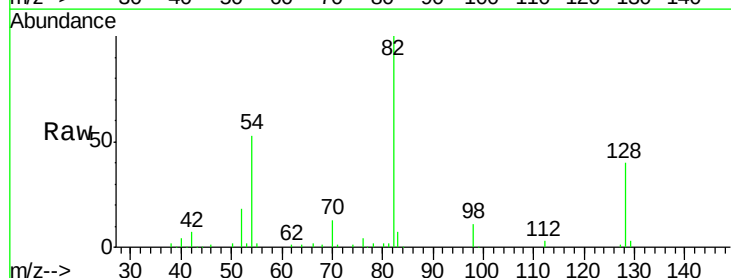
Tgt Ion: 82 Resp: 76354

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

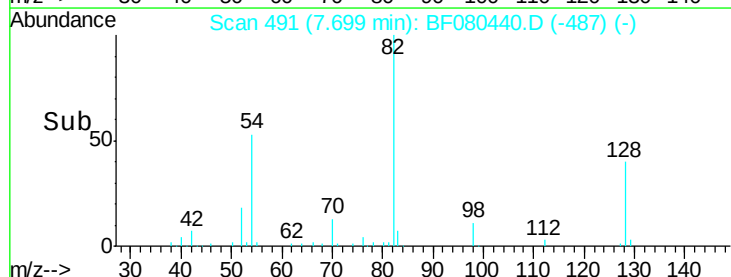
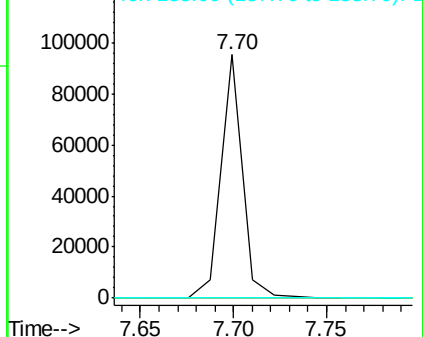
138 0.0 9.5 14.3#

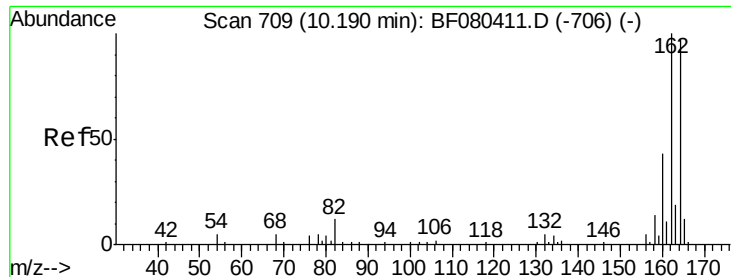


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampleId :

FB

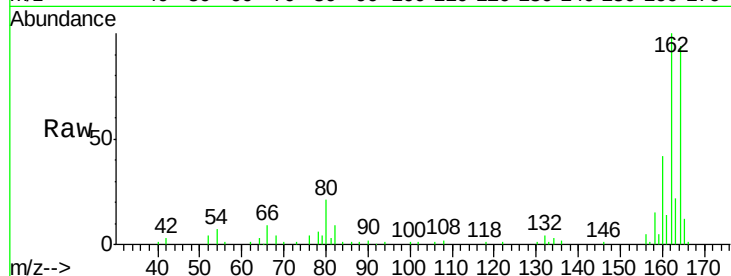
Tgt Ion:164 Resp: 49238

Ion Ratio Lower Upper

164 100

162 106.3 82.7 124.1

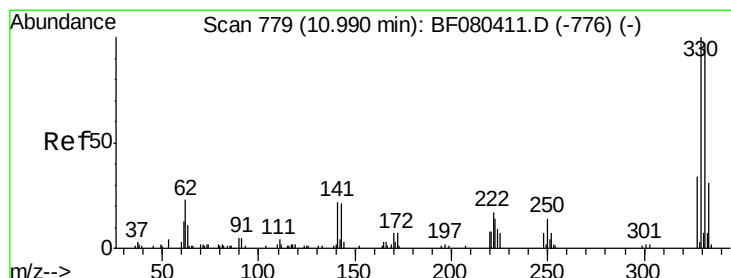
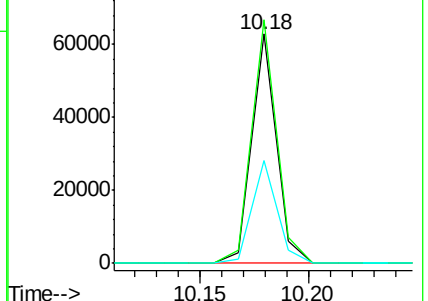
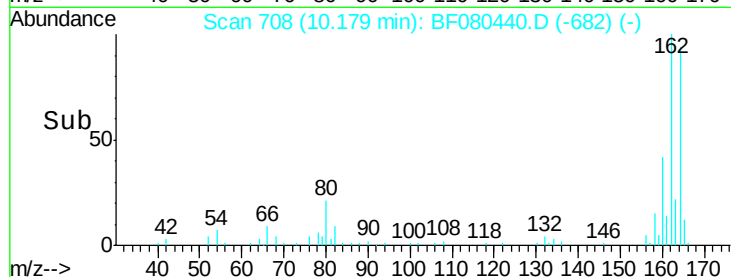
160 44.6 35.5 53.3



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: 63.64 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

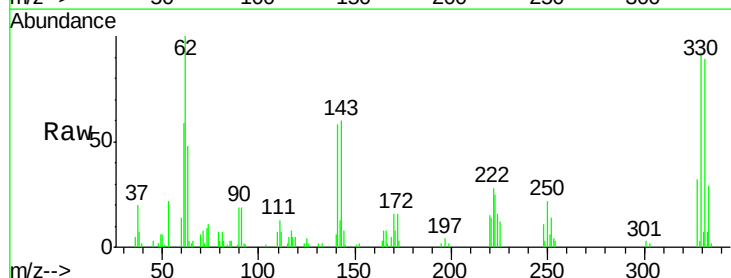
Tgt Ion:330 Resp: 30581

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

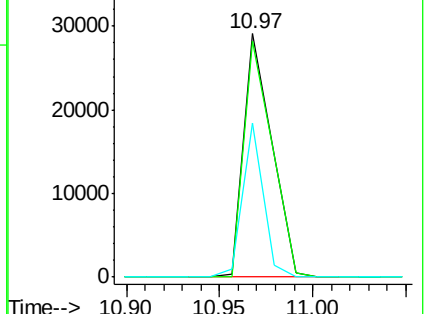
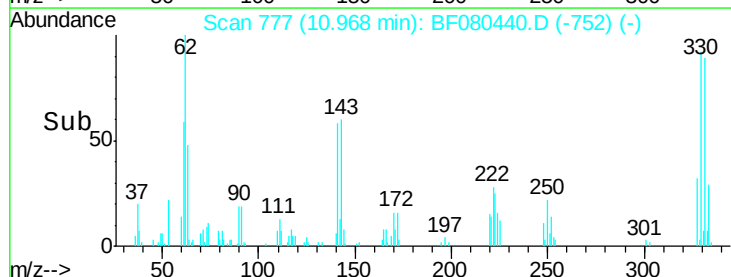
141 46.9 28.6 43.0#

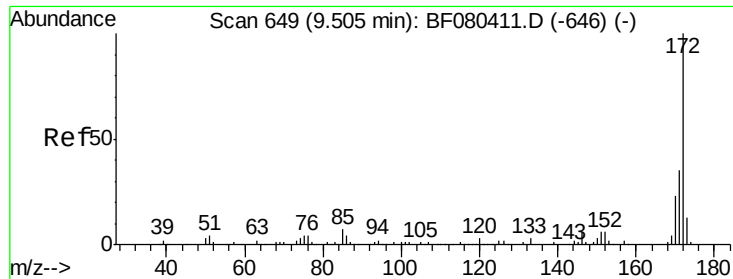


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

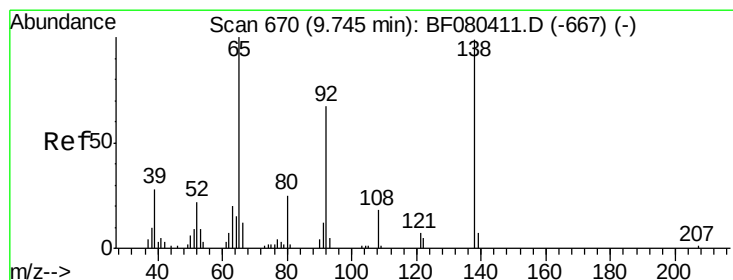
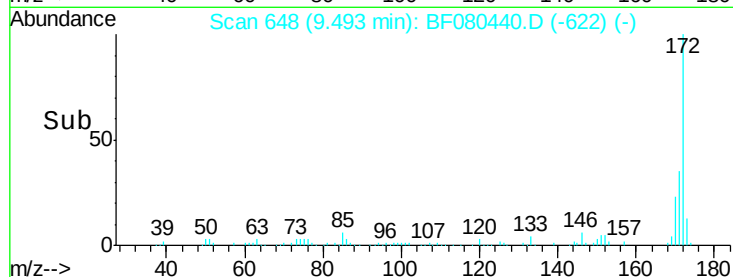
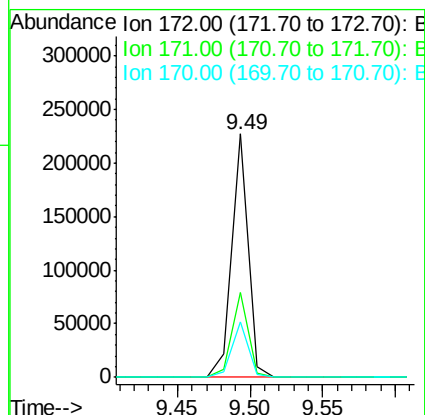
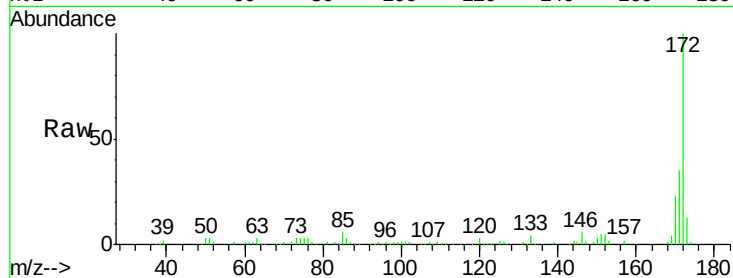




#44
 2-Fluorobiphenyl
 Concen: 48.81 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

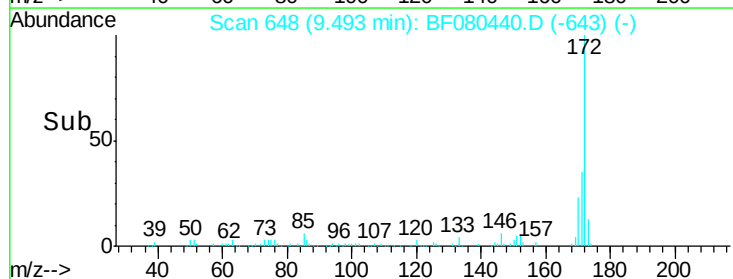
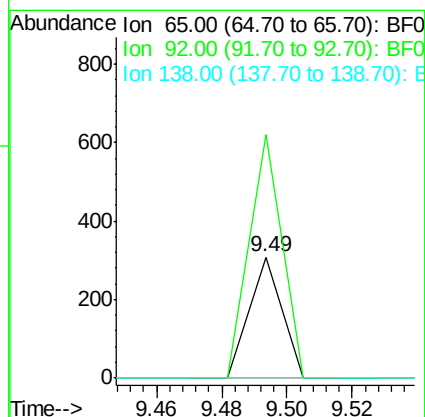
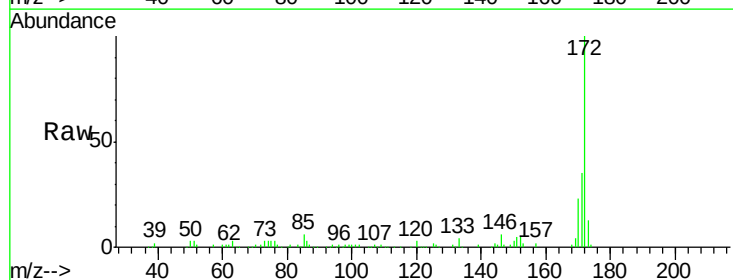
Instrument :
 BNA_F
 ClientSampleId :
 FB

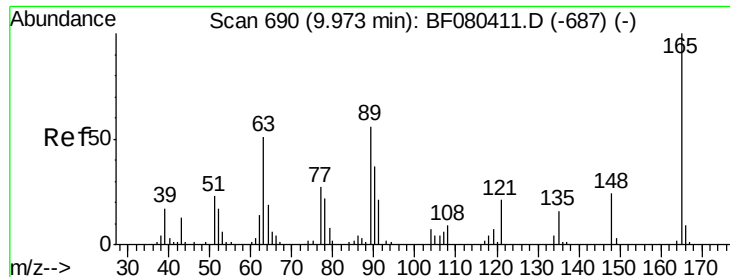
Tgt Ion: 172 Resp: 178429
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 22.7 18.6 28.0



#47
 2-Nitroaniline
 Concen: 4.83 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion: 65 Resp: 212
 Ion Ratio Lower Upper
 65 100
 92 201.0 53.2 79.8#
 138 0.0 78.9 118.3#

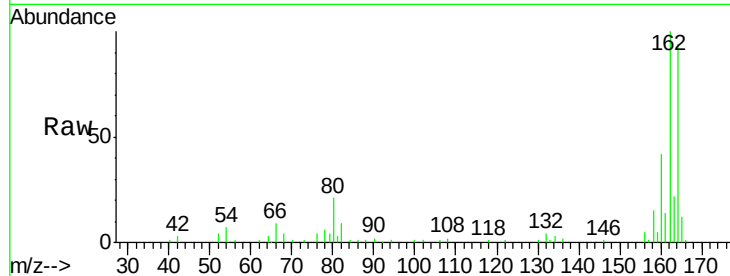




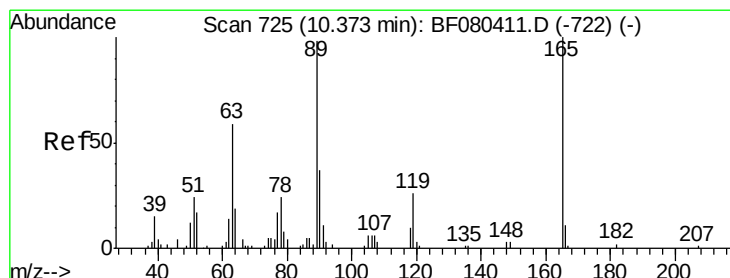
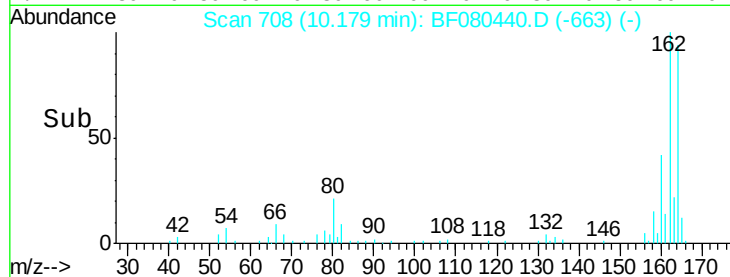
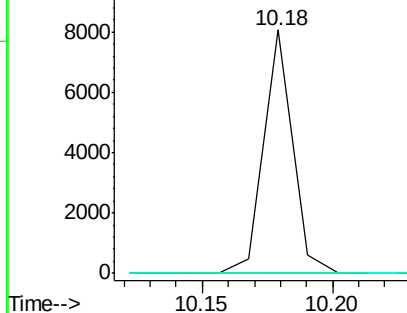
#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion:165 Resp: 6291
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.5 66.7#
 89 0.0 44.5 66.7#

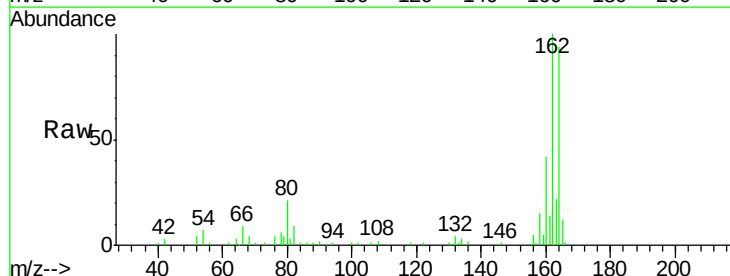


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

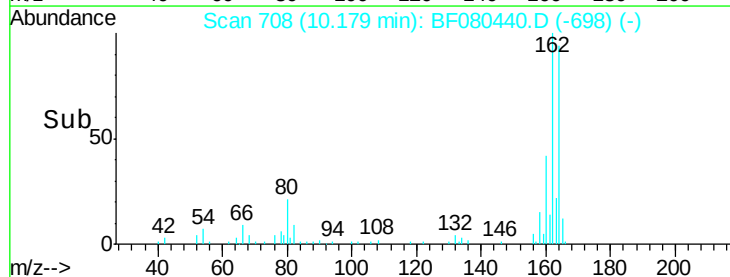
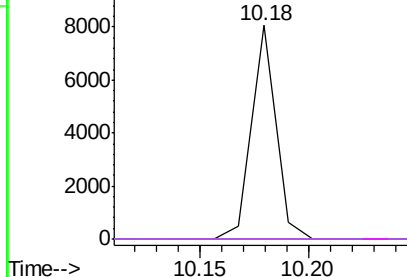


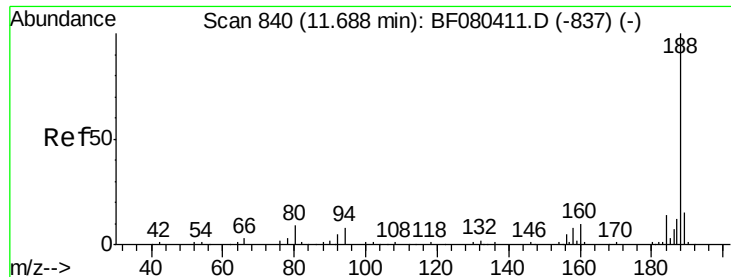
#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion:165 Resp: 6291
 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

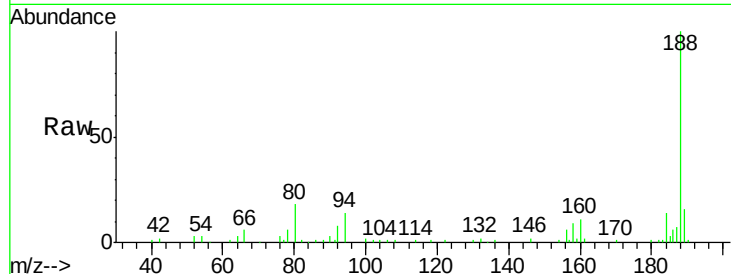




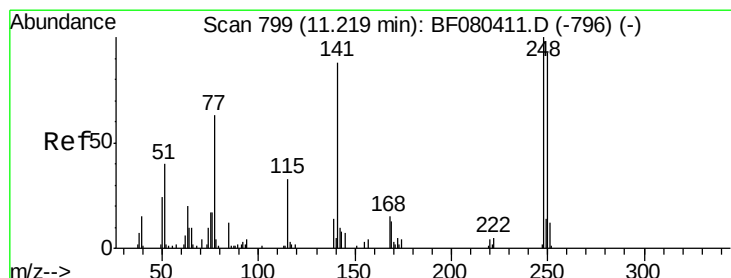
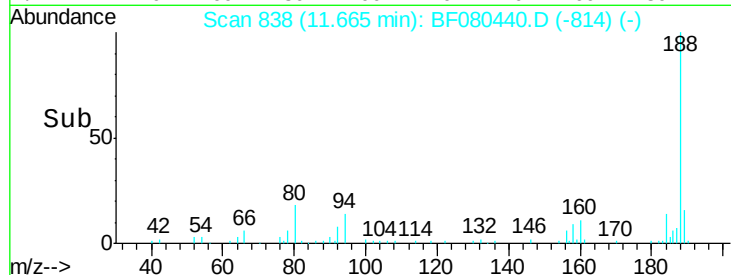
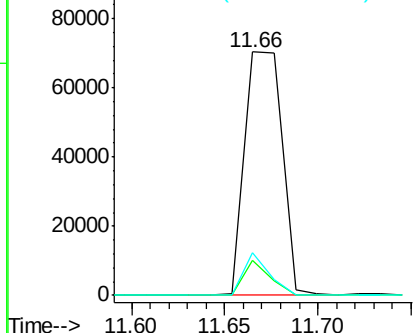
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:188 Resp: 98109
Ion Ratio Lower Upper
188 100
94 14.2 6.7 10.1#
80 17.7 7.5 11.3#

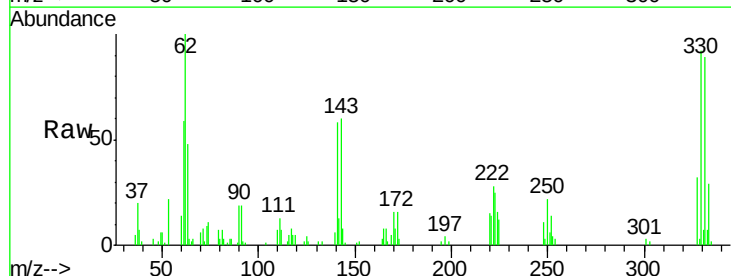


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

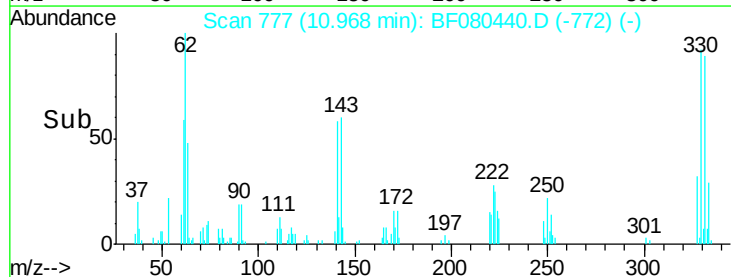
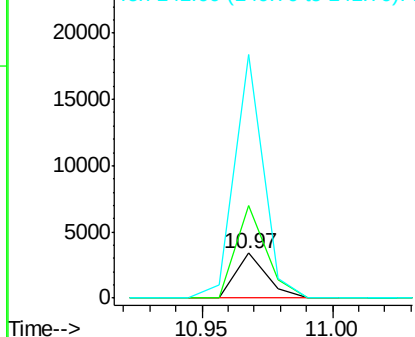


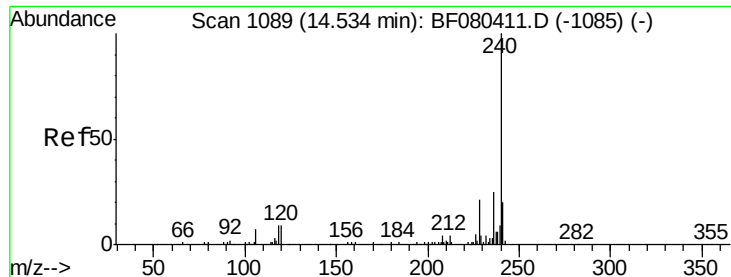
#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Tgt Ion:248 Resp: 2818
Ion Ratio Lower Upper
248 100
250 206.8 74.2 111.4#
141 540.4 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: 14.47 min Scan# 1083

Delta R.T. -0.25 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampleId :

FB

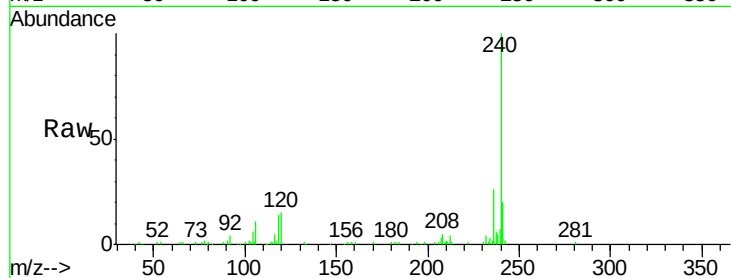
Tgt Ion:240 Resp: 99641

Ion Ratio Lower Upper

240 100

120 14.7 7.4 11.2#

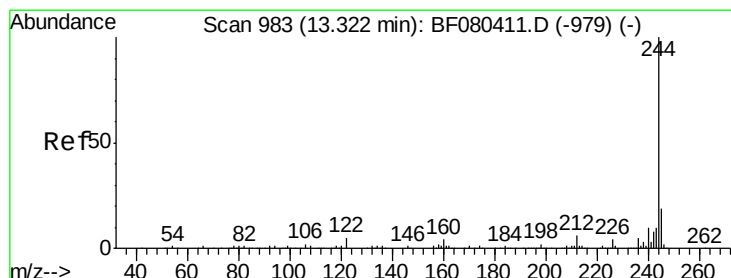
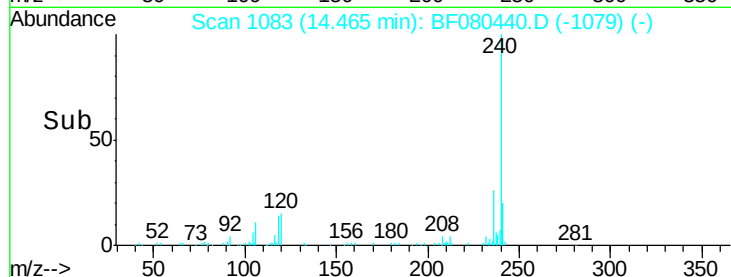
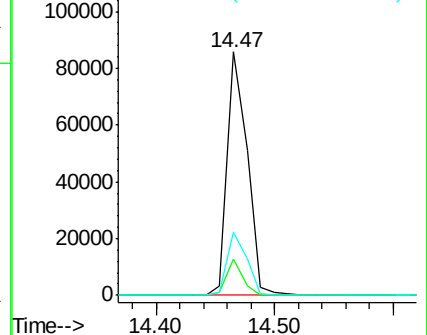
236 26.0 19.7 29.5



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: 49.67 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

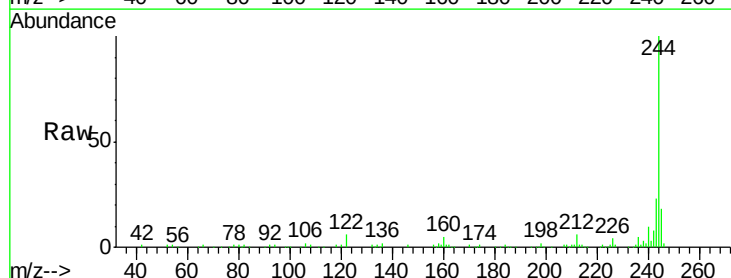
Tgt Ion:244 Resp: 227888

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

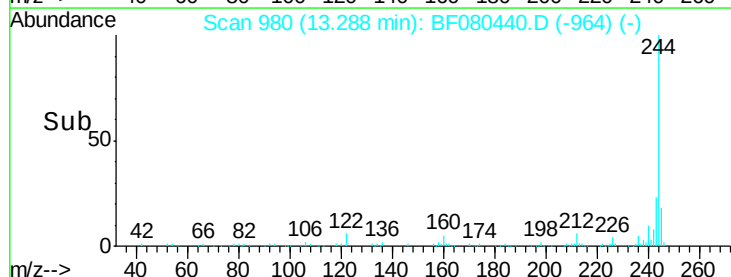
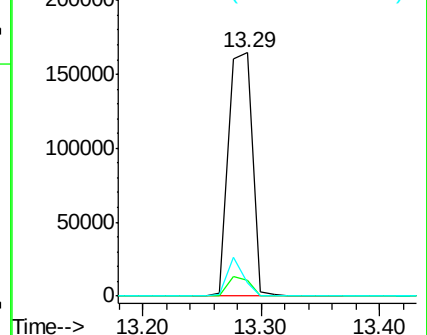
122 5.6 4.1 6.1

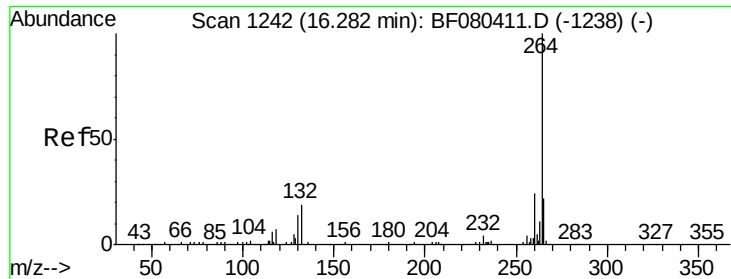


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 1233
Delta R.T. -0.41 min
Lab File: BF080440.D
Acq: 13 Jul 2015 22:00

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion: 264 Resp: 85632
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.8 17.8 26.8

