

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080244.D
 Acq On : 30 Jun 2015 19:01
 Operator : TP/IZ
 Sample : G2837-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jul 01 01:19:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

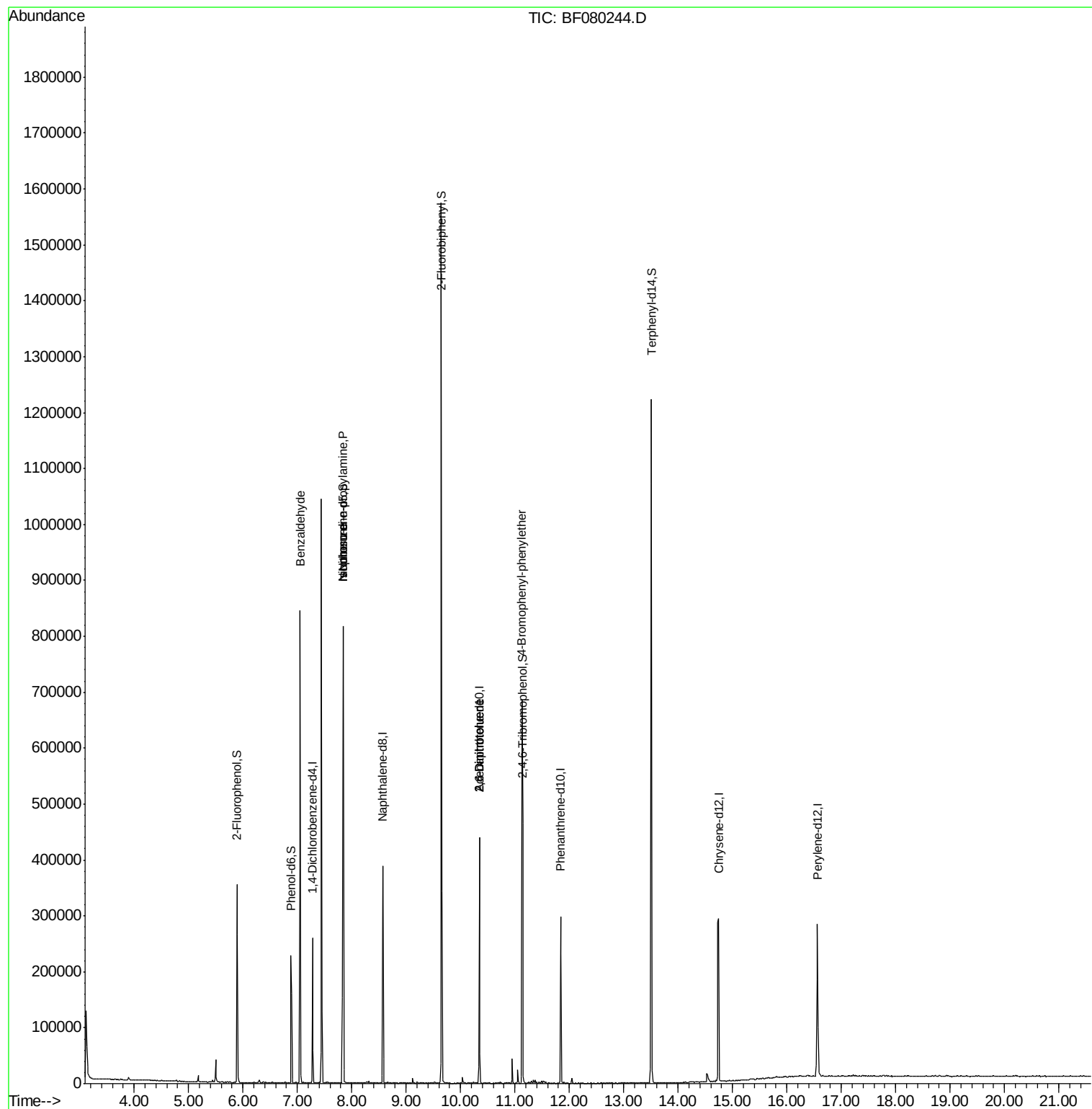
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	37169	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	152830	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	80558	20.00	ng	-0.05
63) Phenanthrene-d10	11.84	188	151468	20.00	ng	-0.07
75) Chrysene-d12	14.75	240	167240	20.00	ng	-0.25
86) Perylene-d12	16.56	264	156909	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	126999	60.48	ng	-0.05
7) Phenol-d6	6.88	99	100025	35.80	ng	-0.05
23) Nitrobenzene-d5	7.84	82	237139	90.33	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	100300	127.33	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	464194	82.17	ng	-0.05
78) Terphenyl-d14	13.51	244	585823	81.81	ng	-0.16
Target Compounds						
9) Benzaldehyde	7.05	77	5412	3.36	ng	# 66
19) n-Nitroso-di-n-propylamine	7.84	70	30518	15.73	ng	# 58
25) Isophorone	7.84	82	237173	44.89	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9802	8.07	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9803	6.36	ng	# 31
66) 4-Bromophenyl-phenylether	11.13	248	7061	4.38	ng	# 1

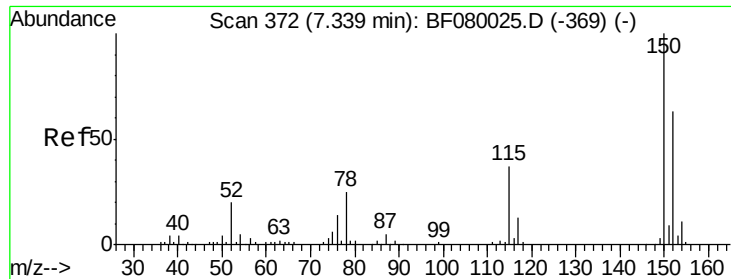
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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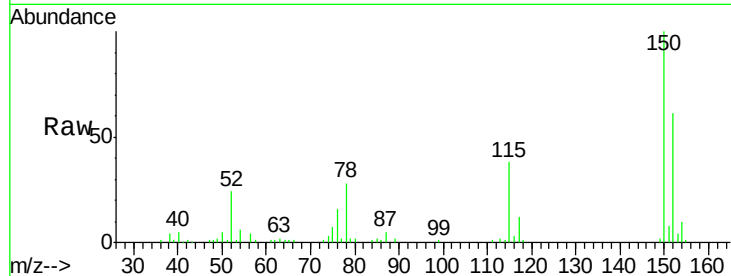


#1

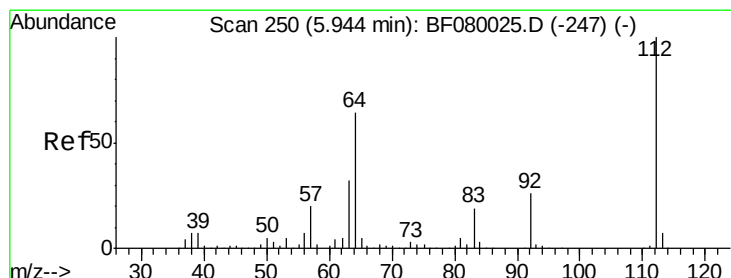
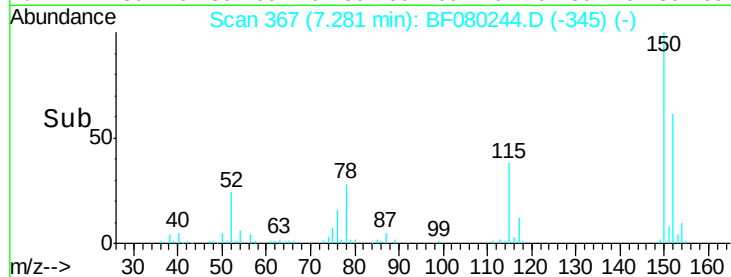
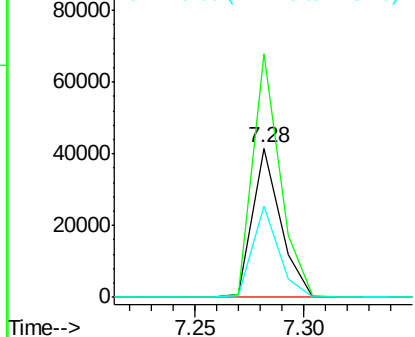
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 37169
Ion Ratio Lower Upper
152 100
150 163.1 124.7 187.1
115 61.3 39.0 58.4#



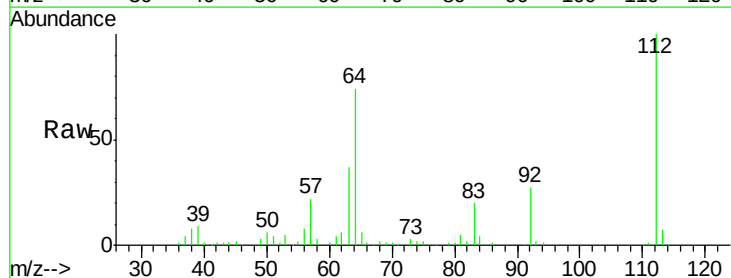
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



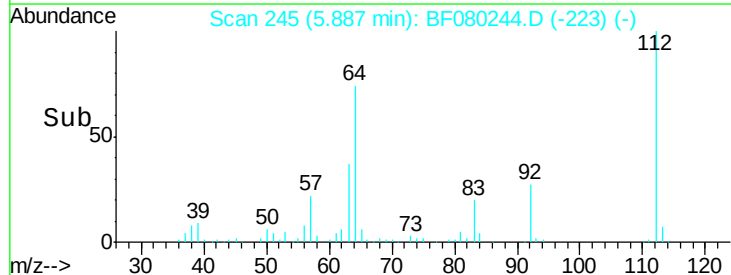
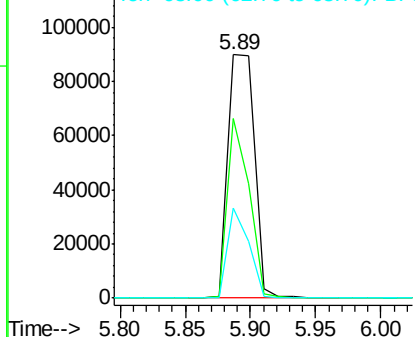
#5

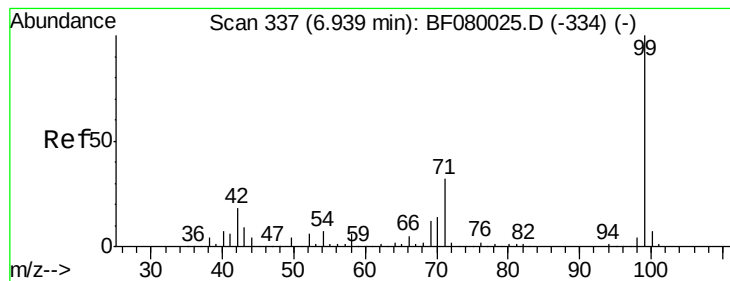
2-Fluorophenol
Concen: 60.48 ng
RT: 5.89 min Scan# 245
Delta R.T. -0.05 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

Tgt Ion:112 Resp: 126999
Ion Ratio Lower Upper
112 100
64 73.7 39.7 59.5#
63 36.9 17.4 26.0#



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: 35.80 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF080244.D

Acq: 30 Jun 2015 19:01

Instrument :

BNA_F

ClientSampleId :

MW-2

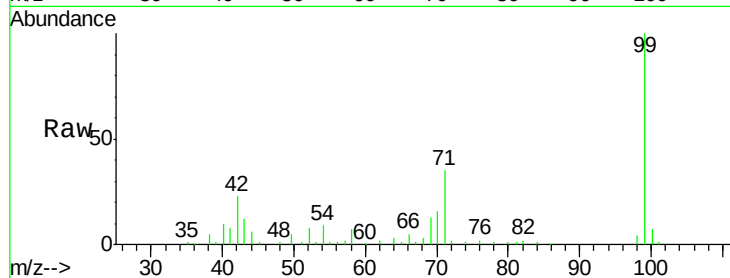
Tgt Ion: 99 Resp: 100025

Ion Ratio Lower Upper

99 100

42 22.6 13.7 20.5#

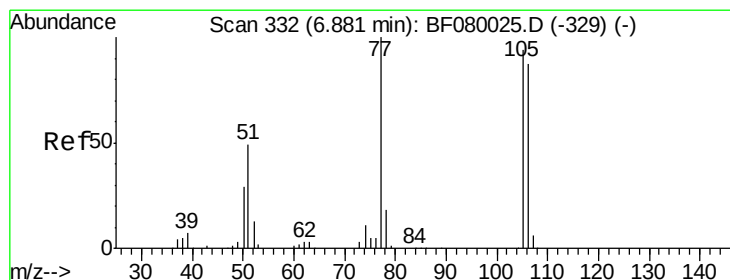
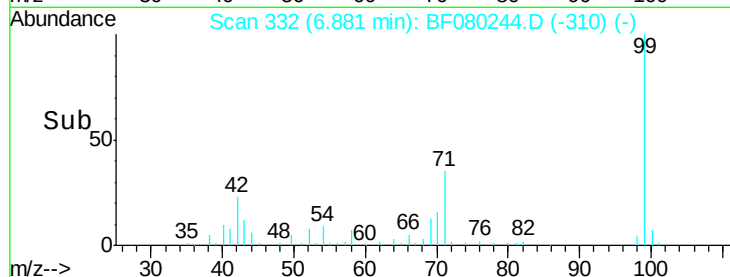
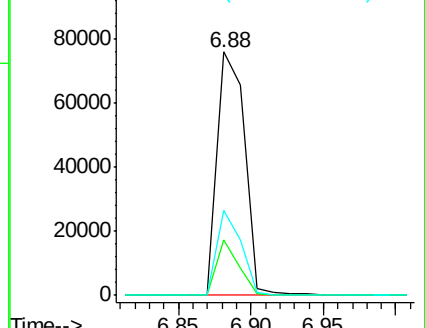
71 34.7 14.2 21.2#



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: 3.36 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080244.D

Acq: 30 Jun 2015 19:01

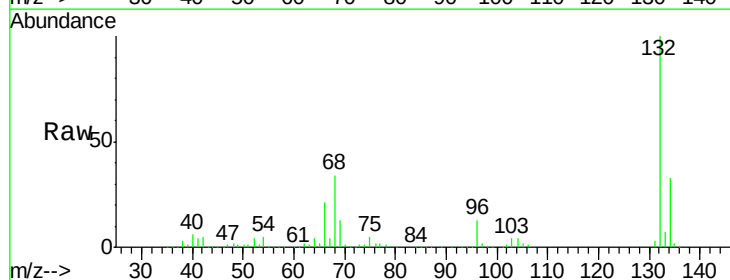
Tgt Ion: 77 Resp: 5412

Ion Ratio Lower Upper

77 100

105 85.1 91.6 131.6#

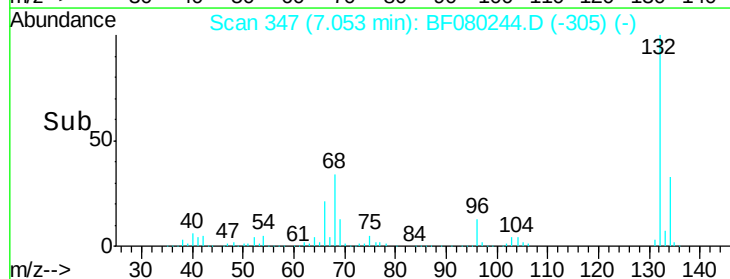
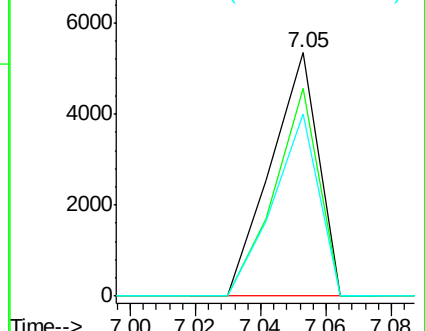
106 75.0 102.6 142.6#

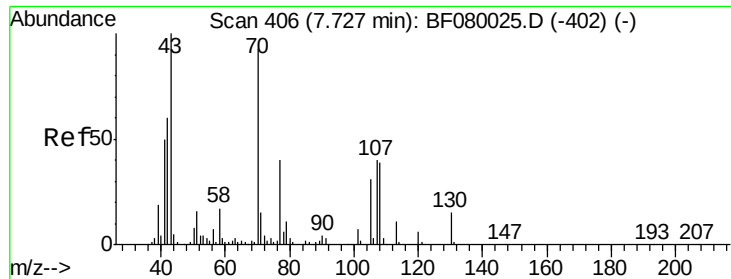


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

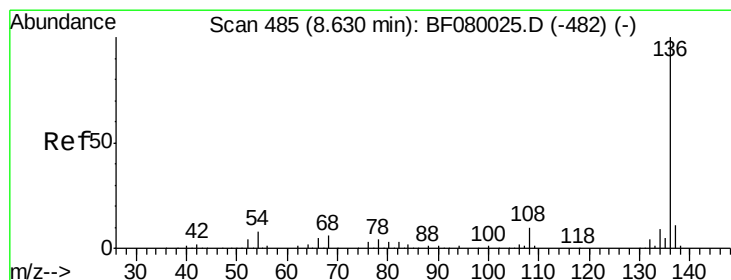
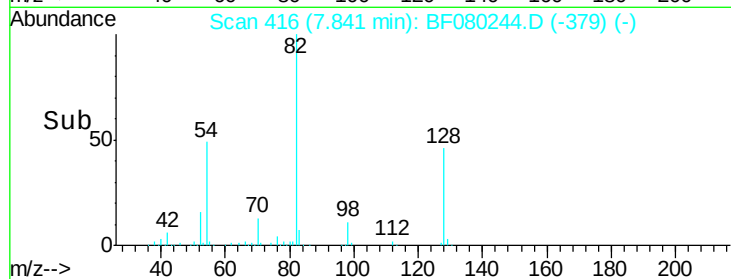
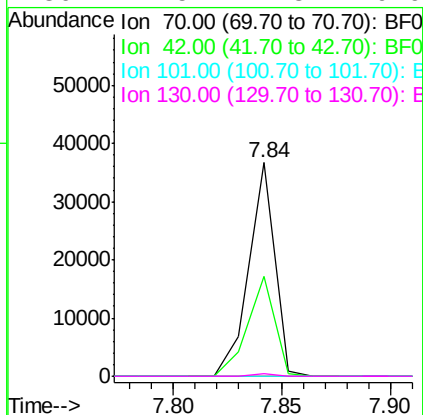
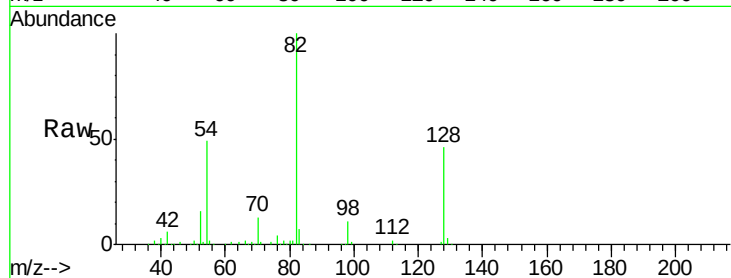




#19
n-Nitroso-di-n-propylamine
Concen: 15.73 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.13 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

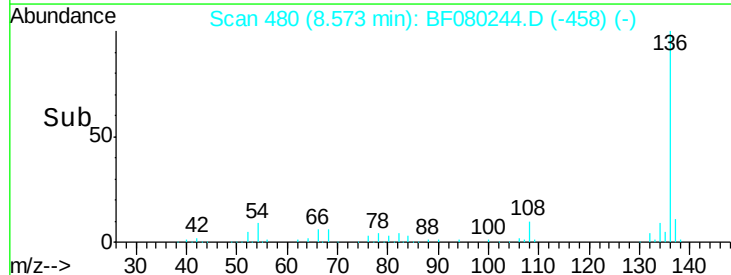
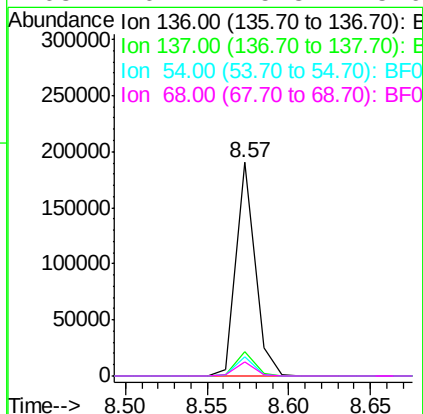
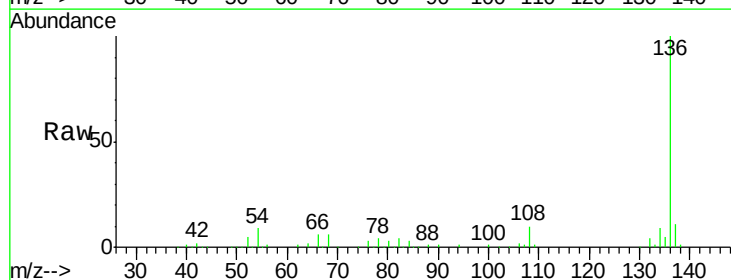
Instrument :
BNA_F
ClientSampled :
MW-2

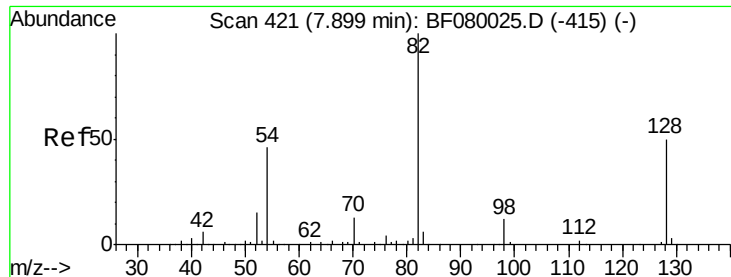
Tgt Ion: 70 Resp: 30518
Ion Ratio Lower Upper
70 100
42 46.7 63.8 95.6#
101 0.0 9.2 13.8#
130 1.5 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

Tgt Ion: 136 Resp: 152830
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.8 8.2 12.2
68 6.4 5.8 8.6

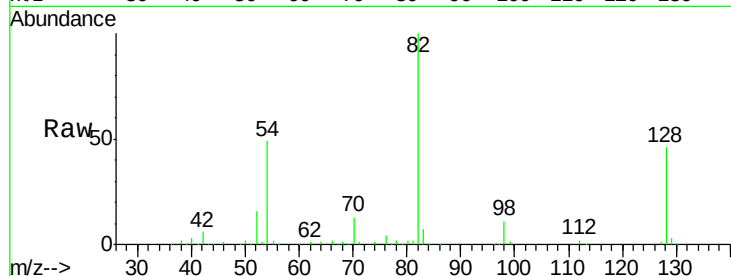




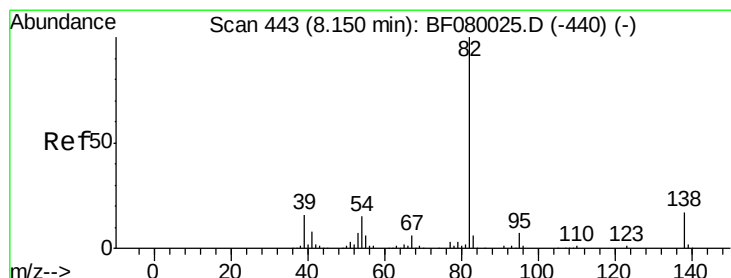
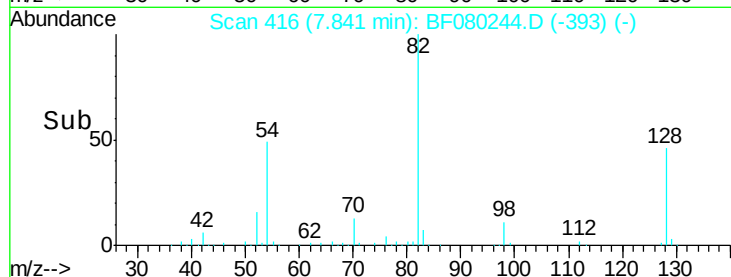
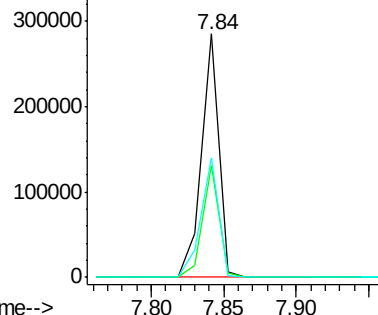
#23
 Nitrobenzene-d5
 Concen: 90.33 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tgt Ion: 82 Resp: 237139
 Ion Ratio Lower Upper
 82 100
 128 45.9 51.0 76.6#
 54 48.9 47.5 71.3

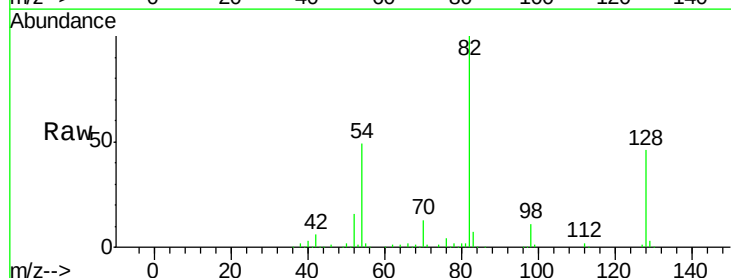


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

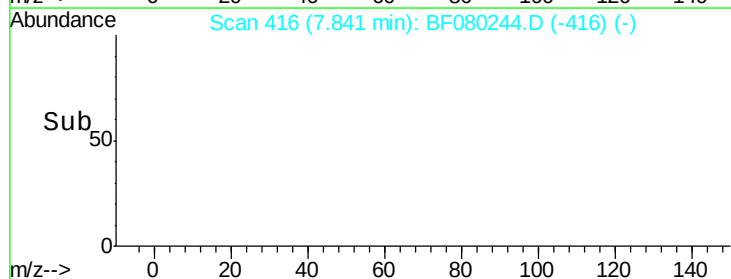
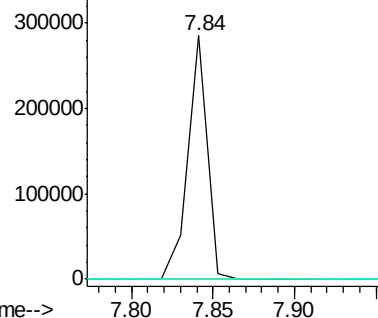


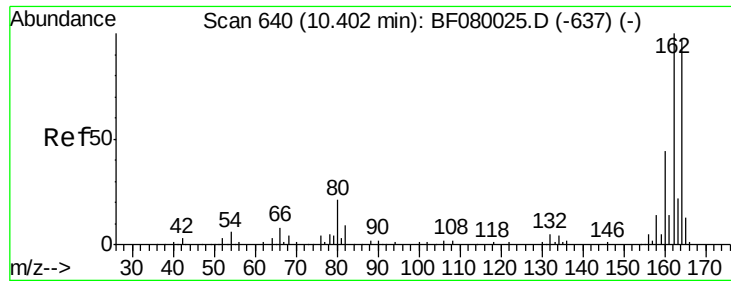
#25
 Isophorone
 Concen: 44.89 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.30 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Tgt Ion: 82 Resp: 237173
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



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: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080244.D

Acq: 30 Jun 2015 19:01

Instrument :

BNA_F

ClientSampleId :

MW-2

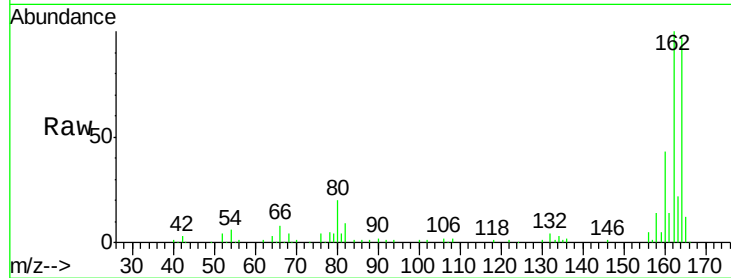
Tgt Ion:164 Resp: 80558

Ion Ratio Lower Upper

164 100

162 102.7 75.2 112.8

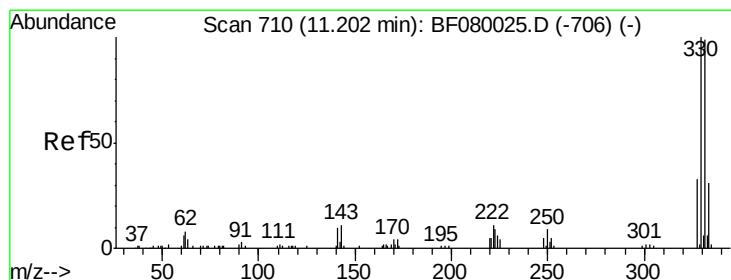
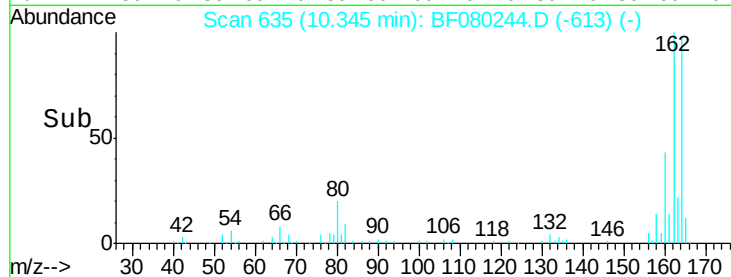
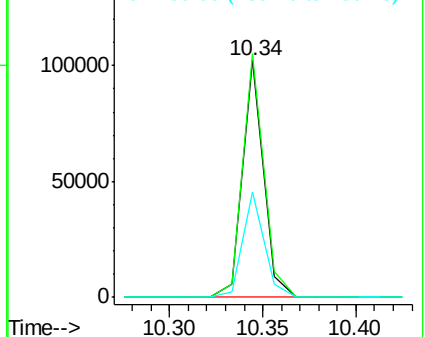
160 44.7 31.5 47.3



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: 127.33 ng

RT: 11.14 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF080244.D

Acq: 30 Jun 2015 19:01

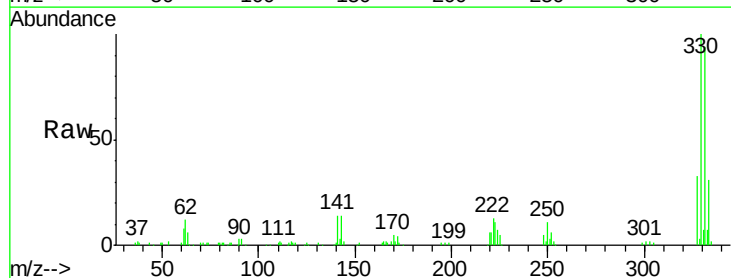
Tgt Ion:330 Resp: 100300

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

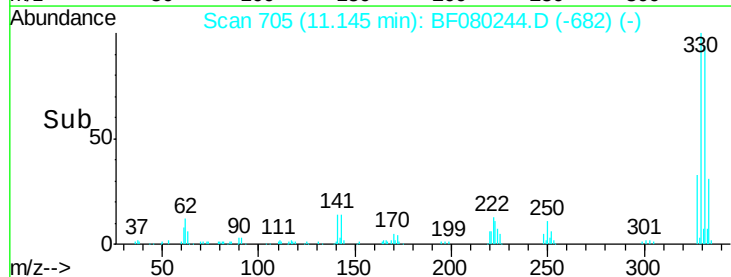
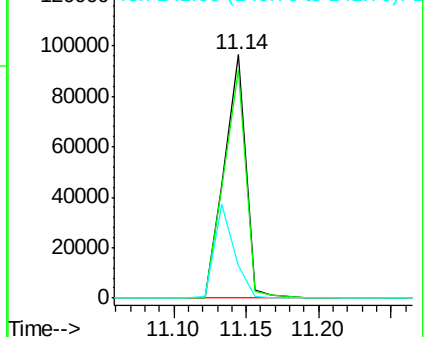
141 35.2 29.7 44.5

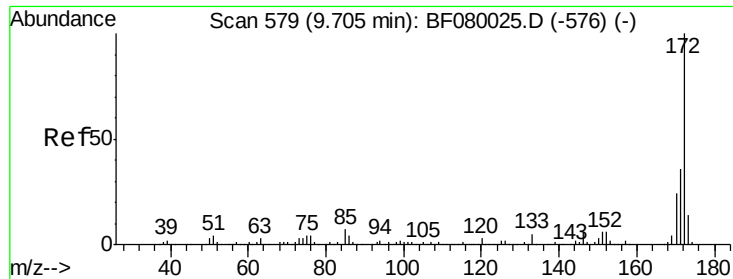


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

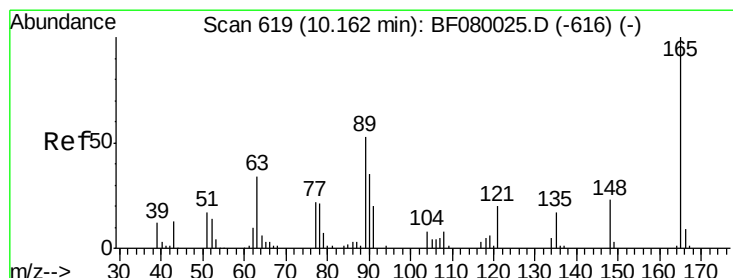
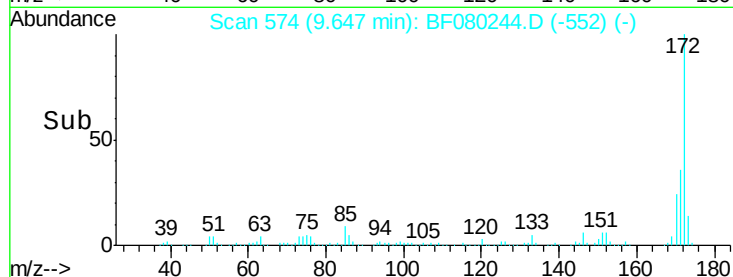
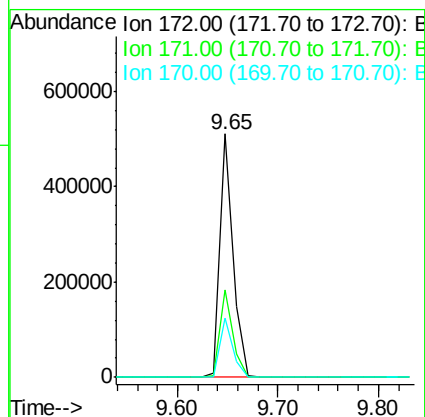
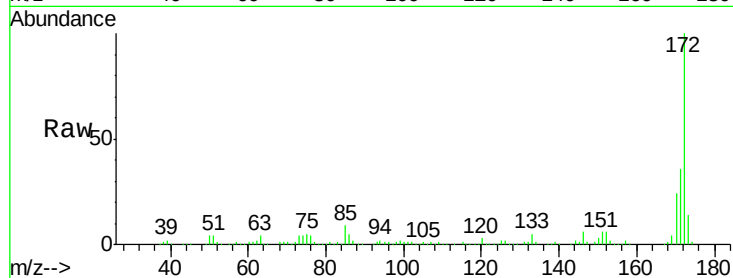




#44
2-Fluorobiphenyl
Concen: 82.17 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

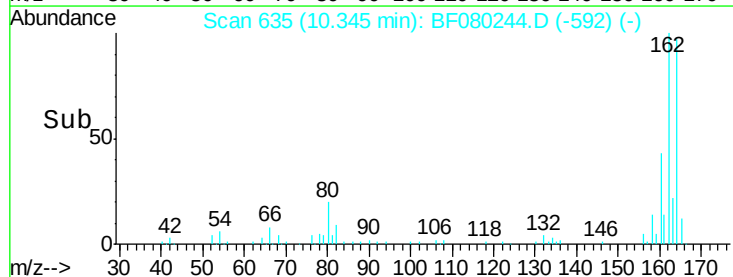
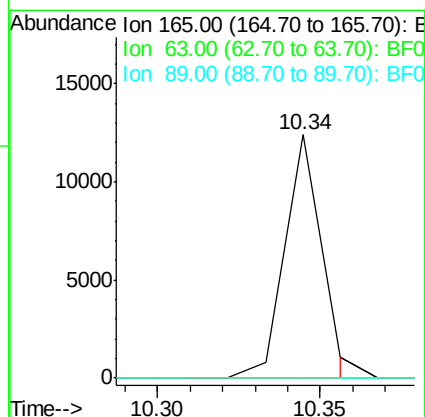
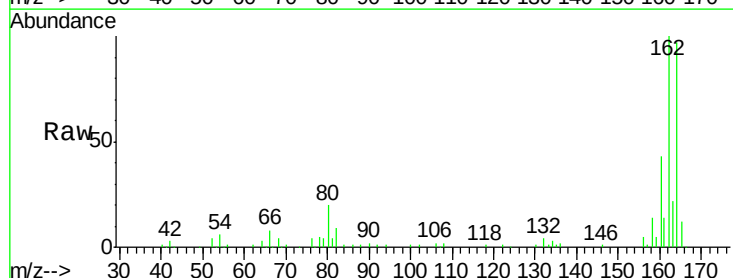
Instrument :
BNA_F
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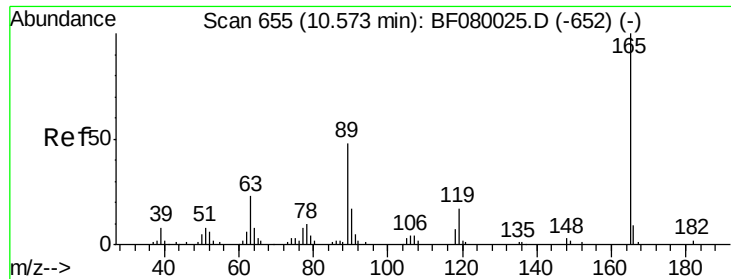
Tgt Ion:172 Resp: 464194
Ion Ratio Lower Upper
172 100
171 36.2 26.1 39.1
170 24.3 17.4 26.2



#50
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 10.34 min Scan# 635
Delta R.T. 0.19 min
Lab File: BF080244.D
Acq: 30 Jun 2015 19:01

Tgt Ion:165 Resp: 9802
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#

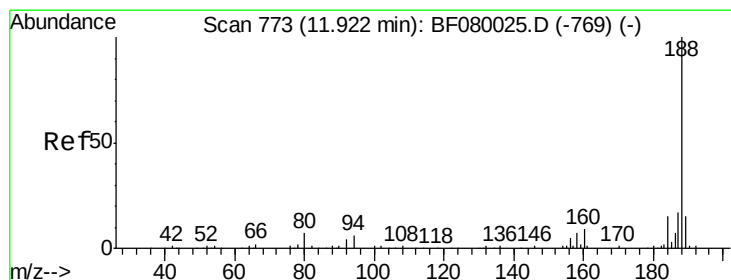
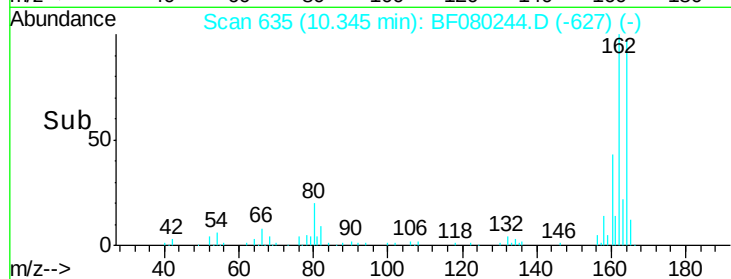
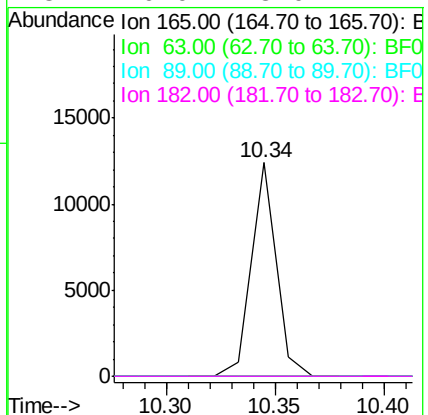
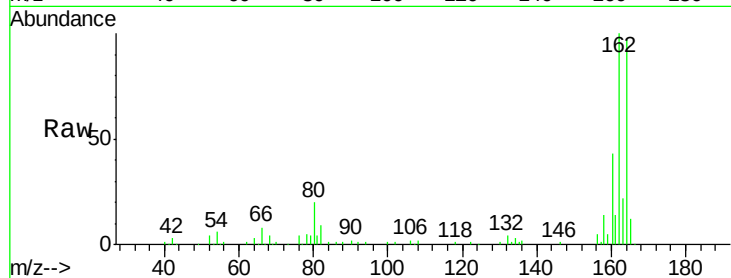




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

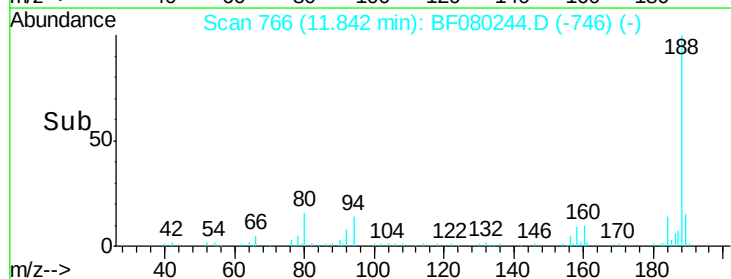
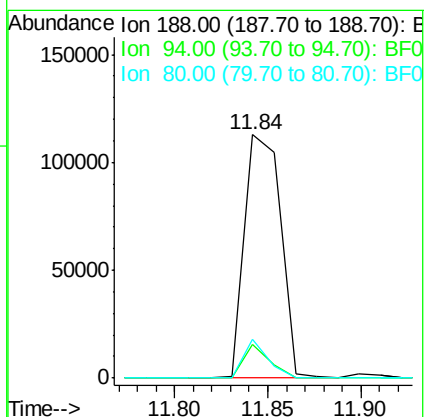
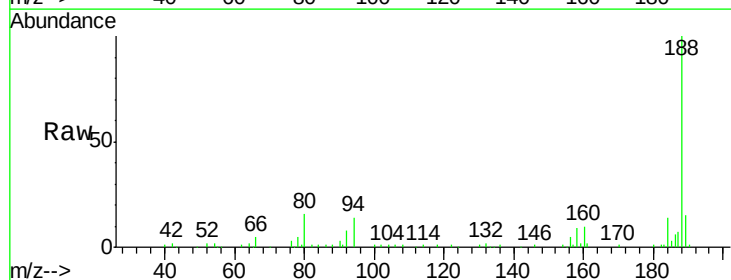
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

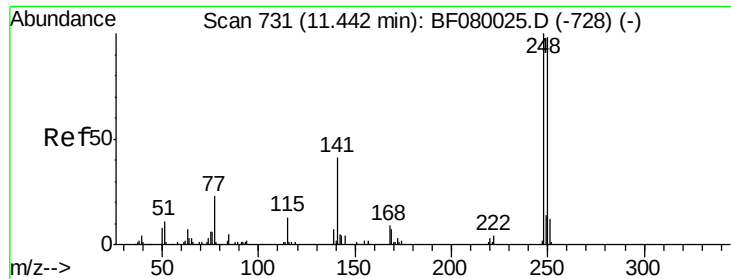
Tgt Ion:	165	Resp:	9803
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.84 min Scan# 766
 Delta R.T. -0.07 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Tgt Ion:	188	Resp:	151468
Ion	Ratio	Lower	Upper
188	100		
94	14.1	11.1	16.7
80	15.8	11.0	16.4

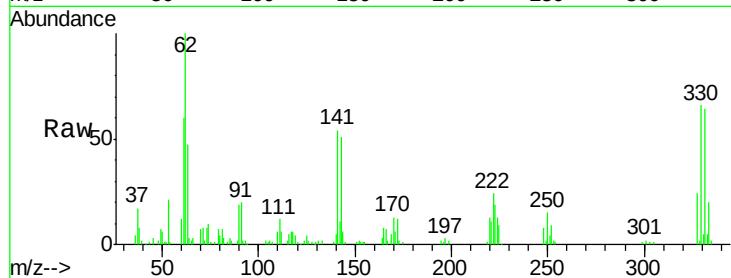




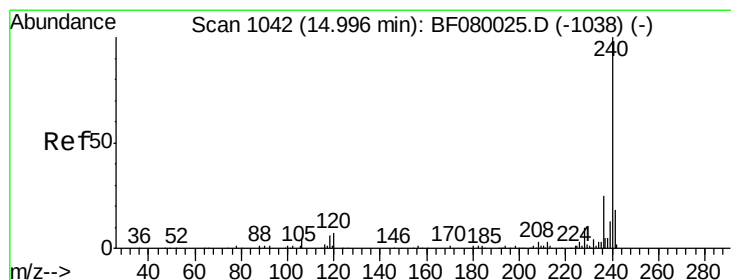
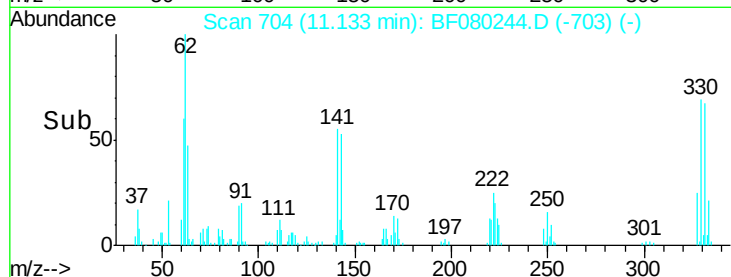
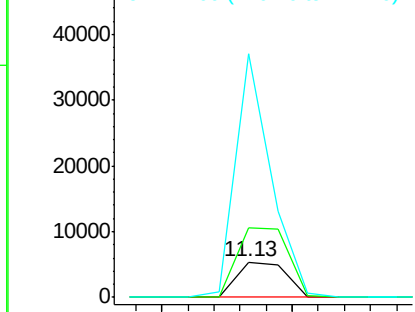
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 11.13 min Scan# 704
 Delta R.T. -0.29 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tgt Ion:248 Resp: 7061
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.5 117.7#
 141 689.0 59.0 88.6#

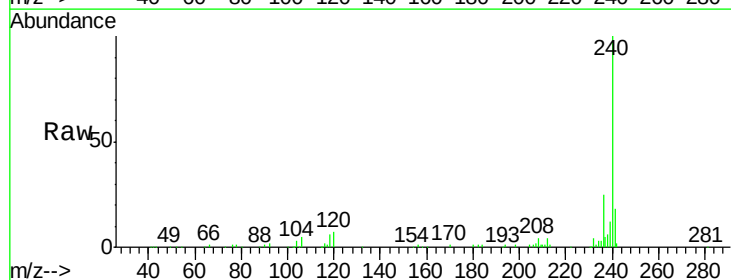


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

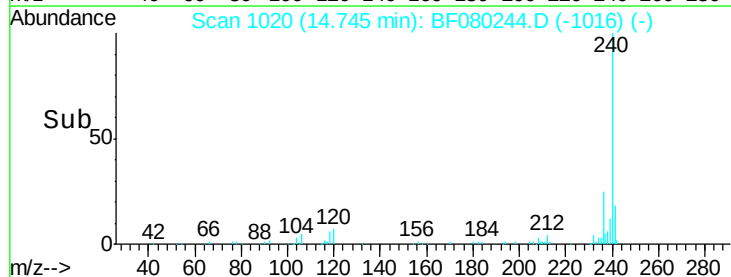
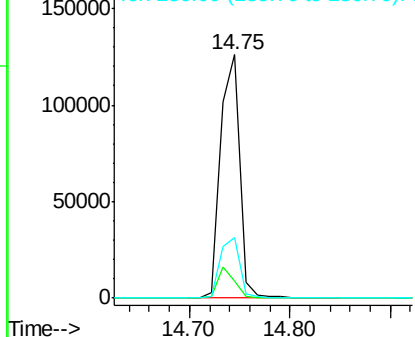


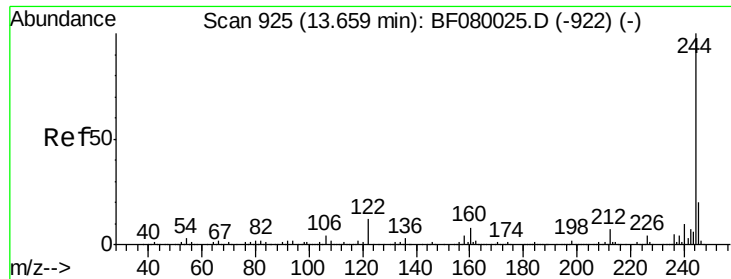
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.25 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Tgt Ion:240 Resp: 167240
 Ion Ratio Lower Upper
 240 100
 120 7.0 16.2 24.2#
 236 24.9 18.4 27.6



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

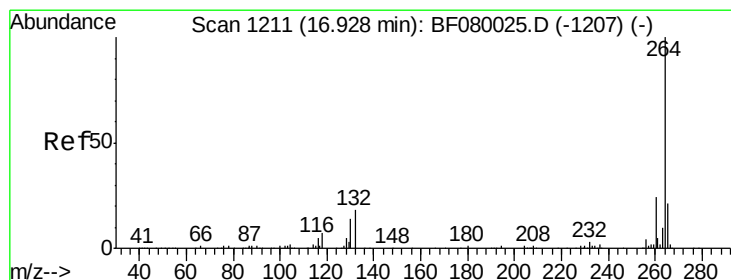
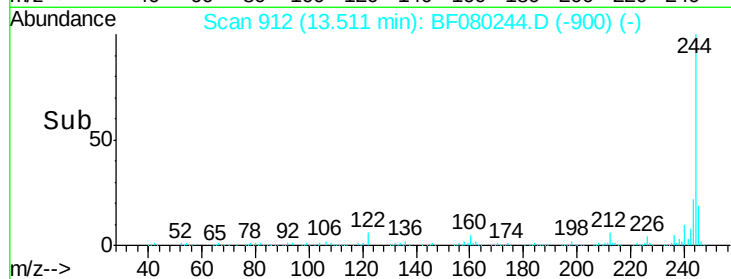
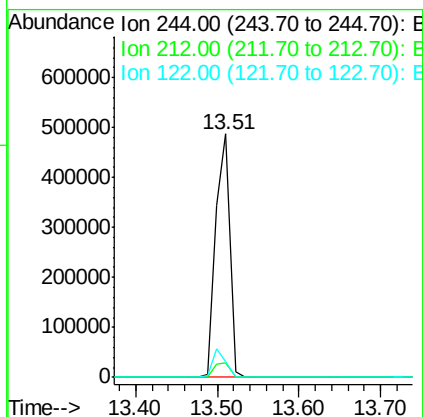
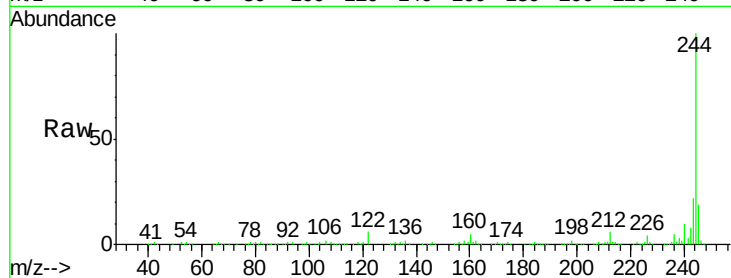




#78
 Terphenyl-d14
 Concen: 81.81 ng
 RT: 13.51 min Scan# 912
 Delta R.T. -0.16 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 585823
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.3 6.5
 122 6.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.37 min
 Lab File: BF080244.D
 Acq: 30 Jun 2015 19:01

Tgt Ion:264 Resp: 156909
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.4 17.2 25.8

