

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081814.D
 Acq On : 25 Sep 2015 20:56
 Operator : UM/IZ
 Sample : G3704-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-9-15-15

Quant Time: Sep 25 23:24:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

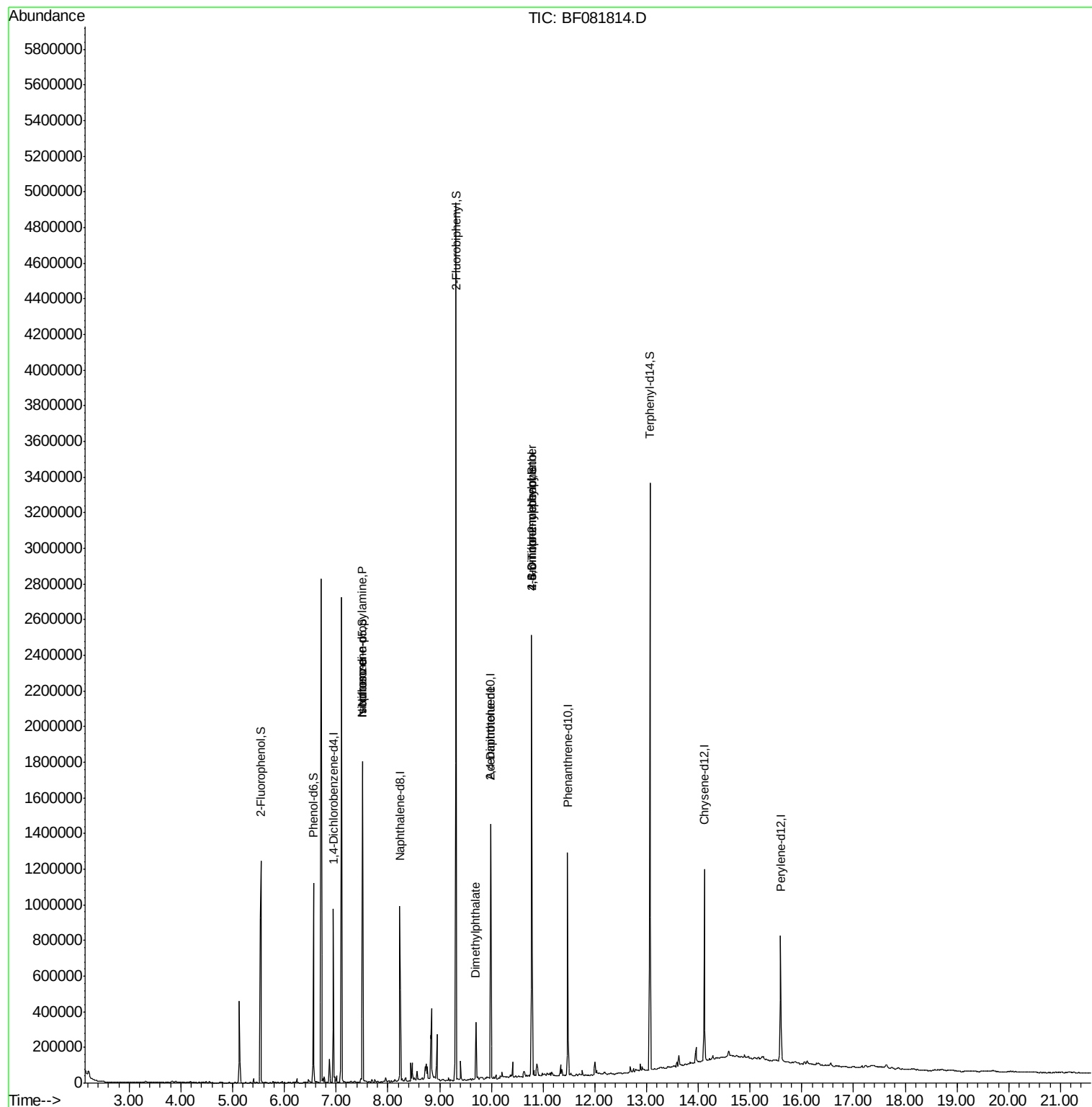
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	155046	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	526899	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	260916	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	429985	20.00	ng	0.00
75) Chrysene-d12	14.12	240	359215	20.00	ng	0.00
86) Perylene-d12	15.59	264	338510	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	443913	48.44	ng	0.00
7) Phenol-d6	6.56	99	319091	27.53	ng	-0.01
23) Nitrobenzene-d5	7.51	82	886946	111.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	325324	143.62	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1522148	95.77	ng	0.00
78) Terphenyl-d14	13.06	244	1082867	68.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	118564	15.34	ng	# 61
25) Isophorone	7.51	82	804426	45.47	ng	# 58
49) Dimethylphthalate	9.70	163	119015	5.99	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	33915	7.39	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.78	198	609	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	20473	4.28	ng	# 1

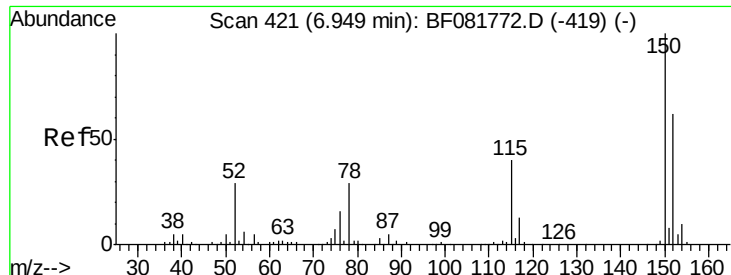
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

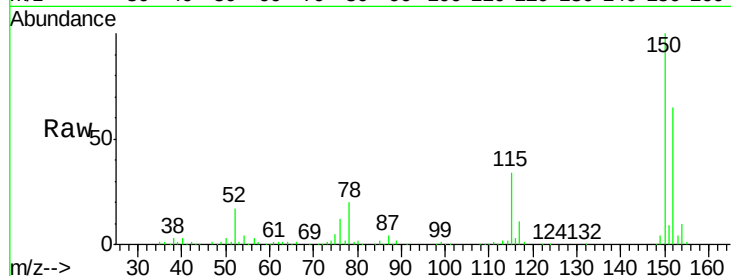
Tgt Ion:152 Resp: 155046

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

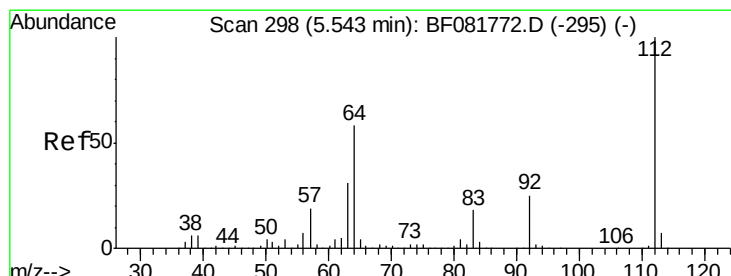
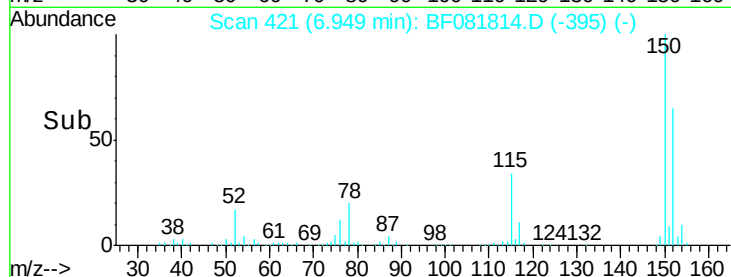
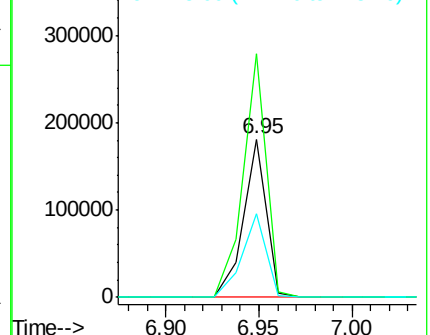
115 52.8 39.0 58.4



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: 48.44 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

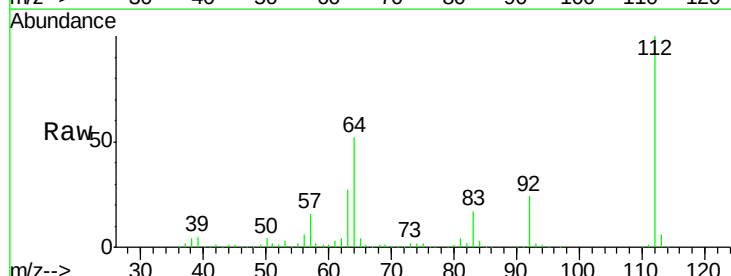
Tgt Ion:112 Resp: 443913

Ion Ratio Lower Upper

112 100

64 51.6 39.7 59.5

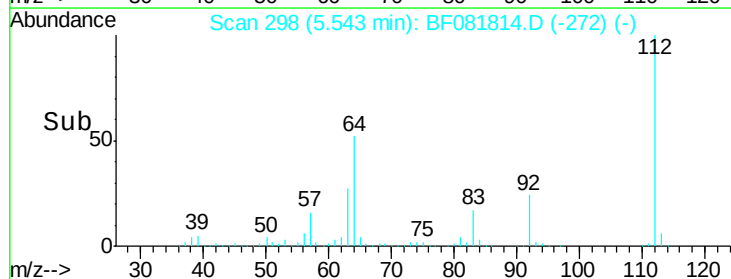
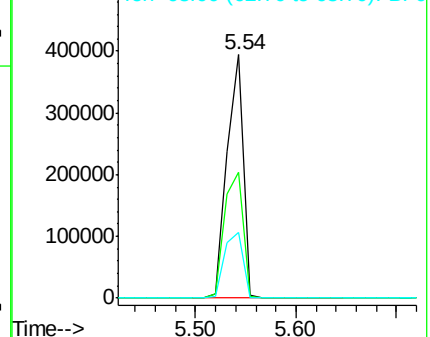
63 27.0 17.4 26.0#

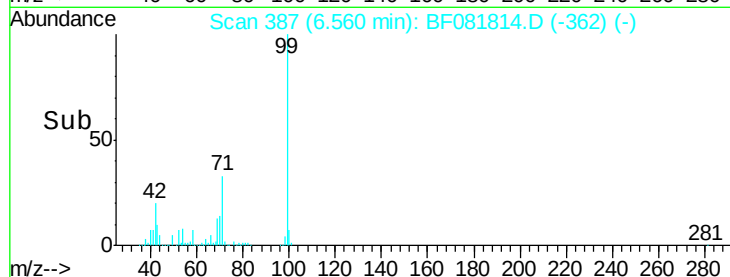
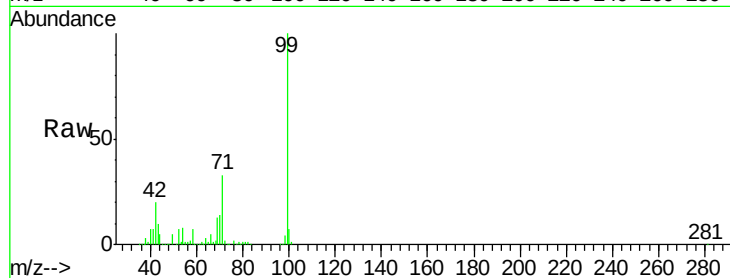
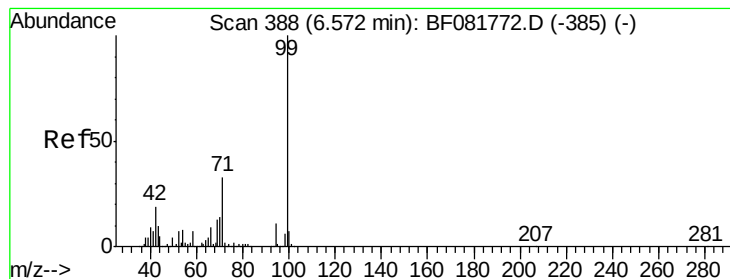


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.53 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

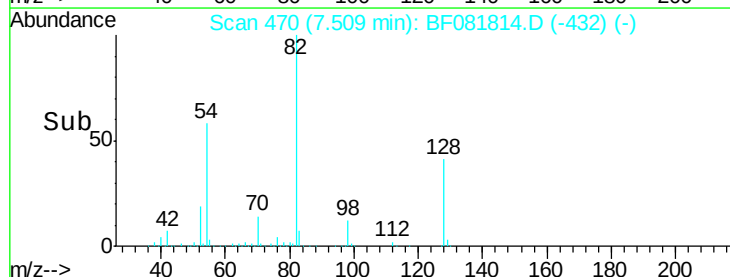
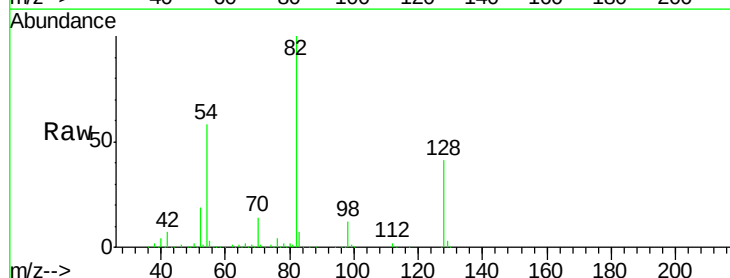
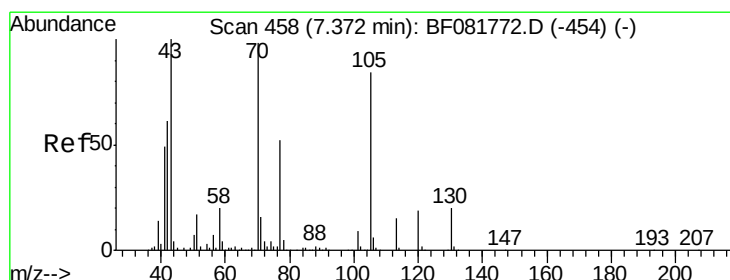
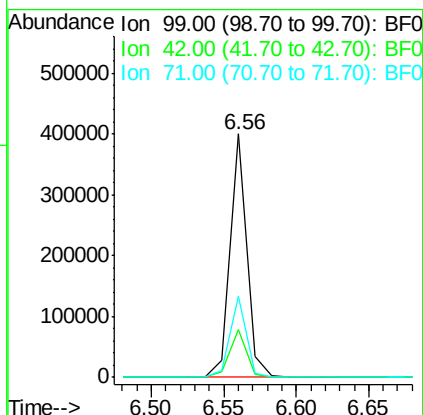
Tgt Ion: 99 Resp: 319091

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

71 33.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.34 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Tgt Ion: 70 Resp: 118564

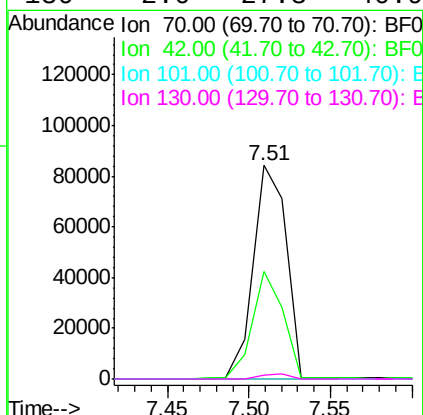
Ion Ratio Lower Upper

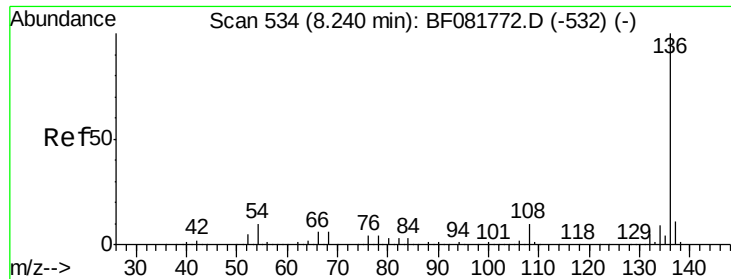
70 100

42 50.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

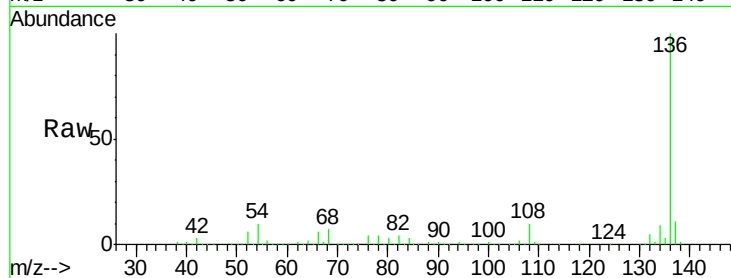




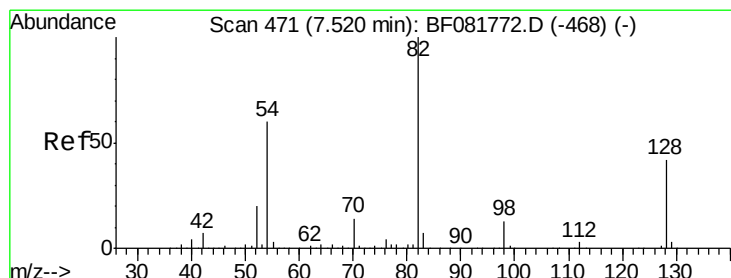
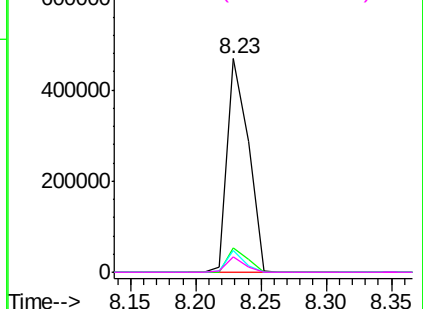
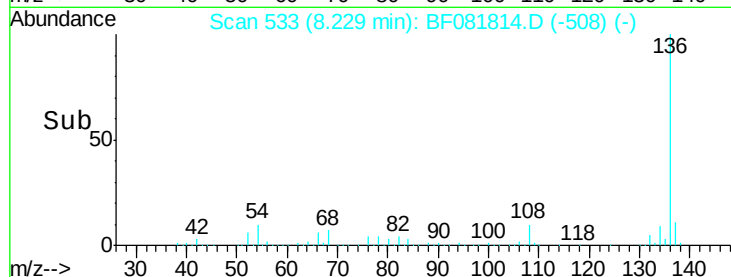
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081814.D
Acq: 25 Sep 2015 20:56

Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

Tgt Ion:	136	Resp:	526899
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.4	8.2	12.2
68	6.9	5.8	8.6

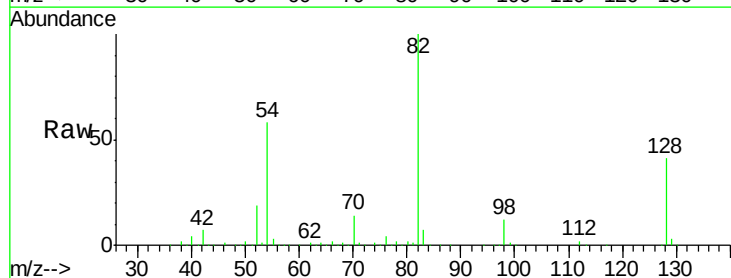


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

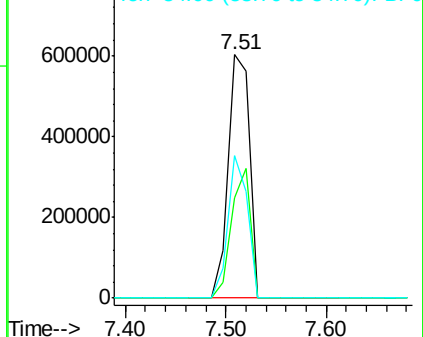
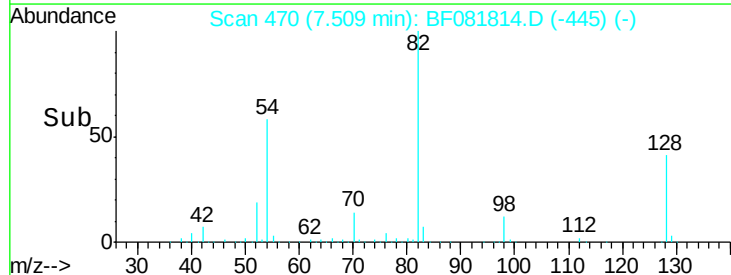


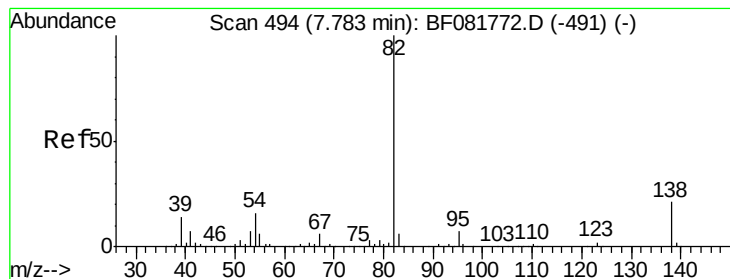
#23
Nitrobenzene-d5
Concen: 111.07 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081814.D
Acq: 25 Sep 2015 20:56

Tgt Ion:	82	Resp:	886946
Ion	Ratio	Lower	Upper
82	100		
128	41.2	51.0	76.6#
54	58.4	47.5	71.3



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: 45.47 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

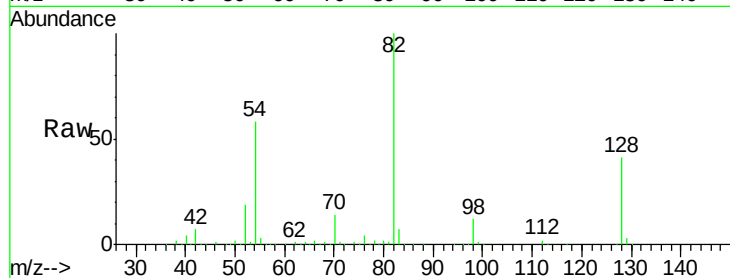
Tgt Ion: 82 Resp: 804426

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

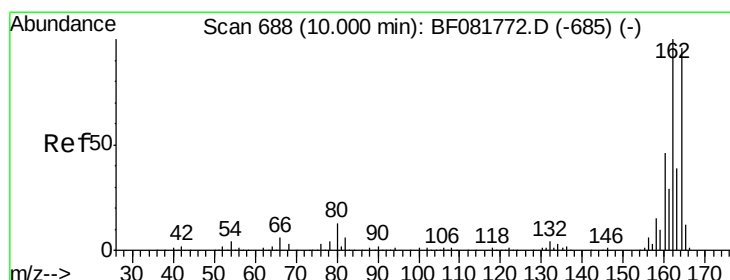
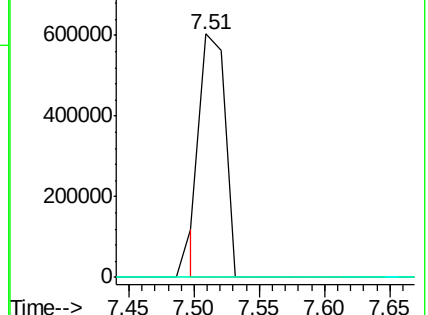
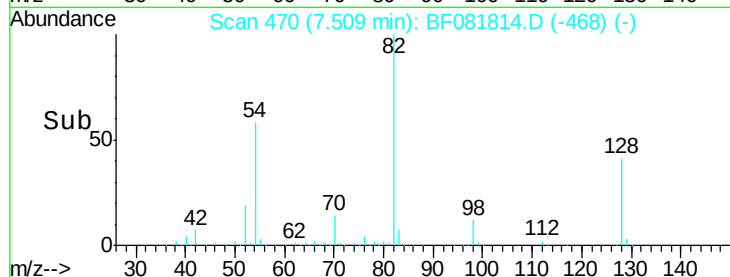
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

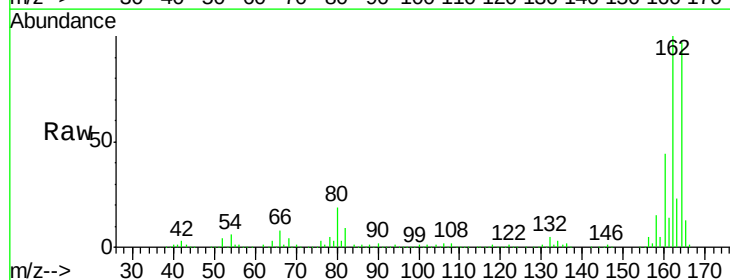
Tgt Ion: 164 Resp: 260916

Ion Ratio Lower Upper

164 100

162 102.9 75.2 112.8

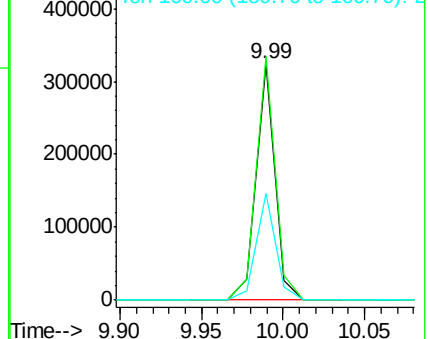
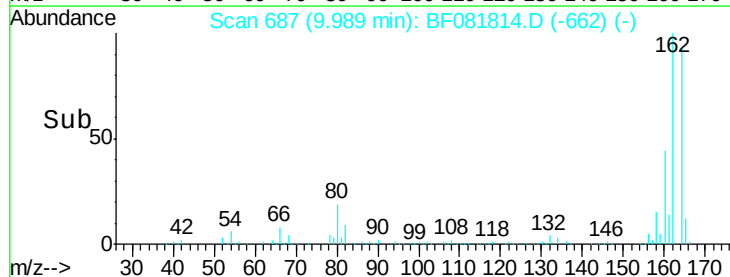
160 45.1 31.5 47.3

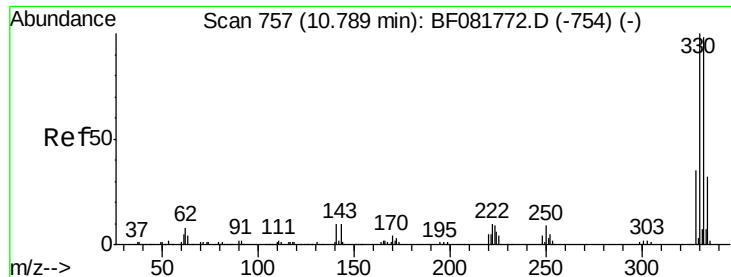


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

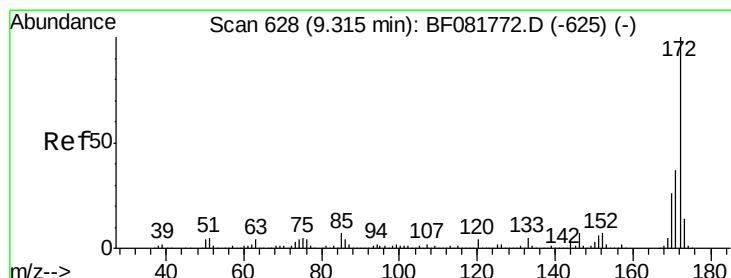
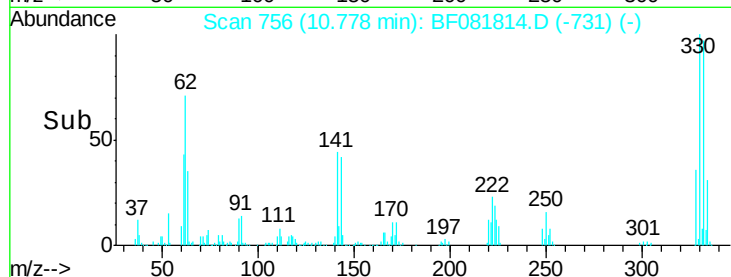
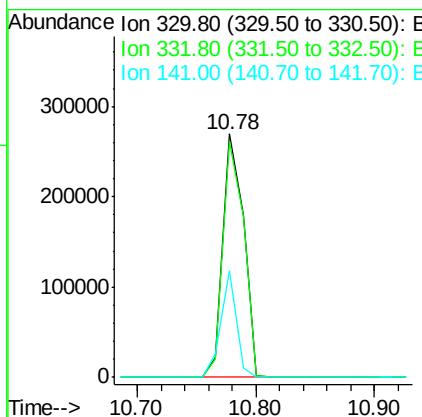
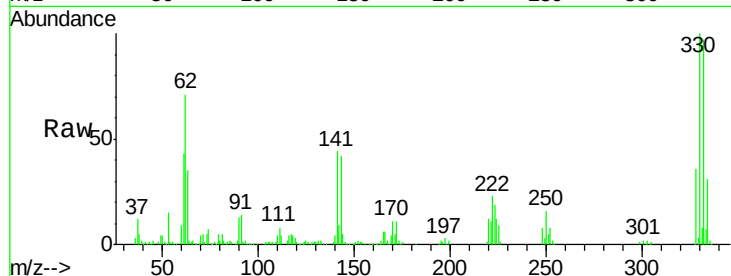




#41
 2,4,6-Tribromophenol
 Concen: 143.62 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081814.D
 Acq: 25 Sep 2015 20:56

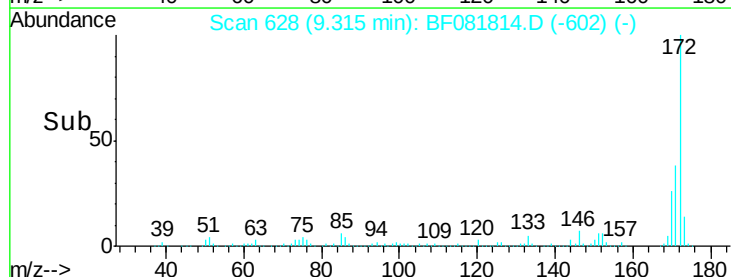
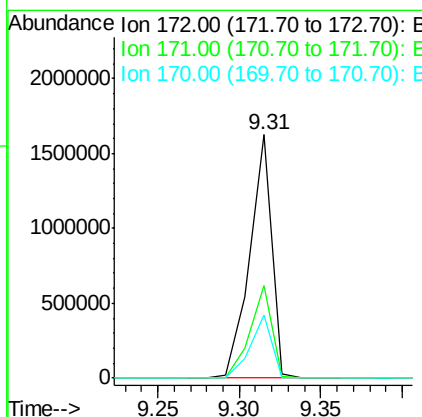
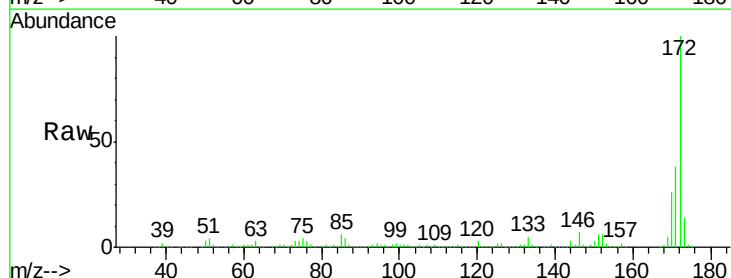
Instrument :
 BNA_F
 ClientSampleId :
 MW-5-9-15-15

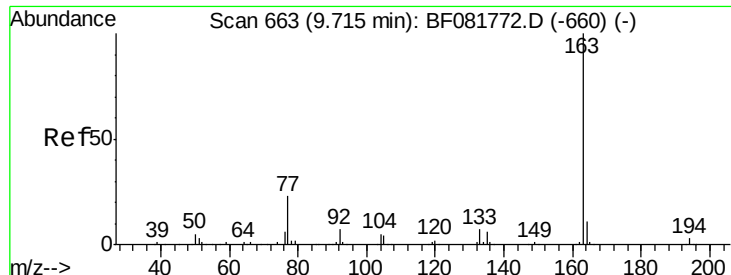
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	33.2	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 95.77 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081814.D
 Acq: 25 Sep 2015 20:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	26.1	39.1
170	26.2	17.4	26.2

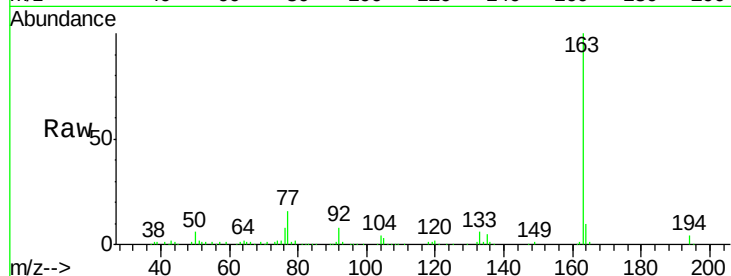




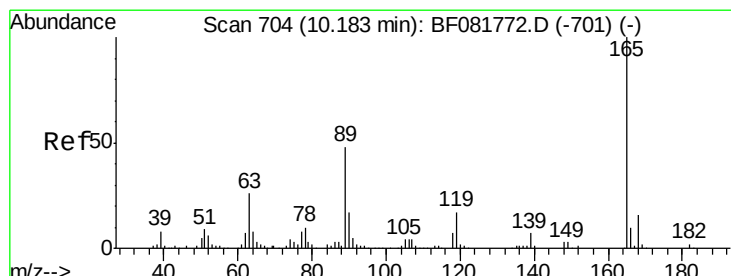
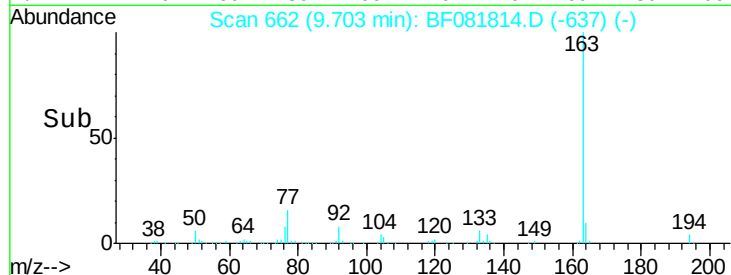
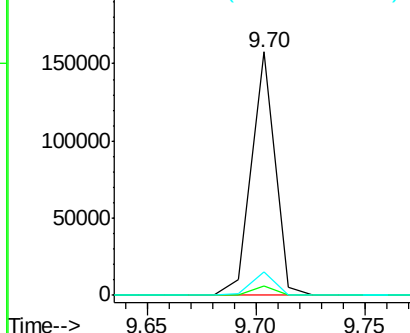
#49
Dimethylphthalate
Concen: 5.99 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081814.D
Acq: 25 Sep 2015 20:56

Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

Tgt Ion:163 Resp: 119015
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.7 8.3 12.5

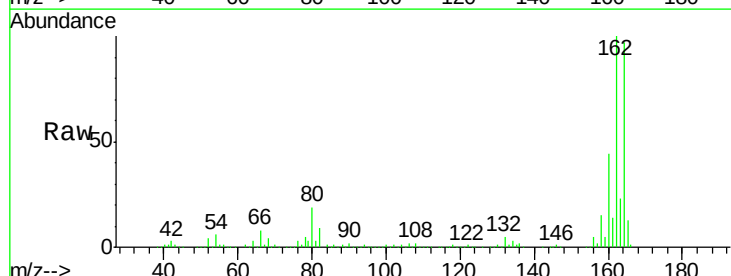


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

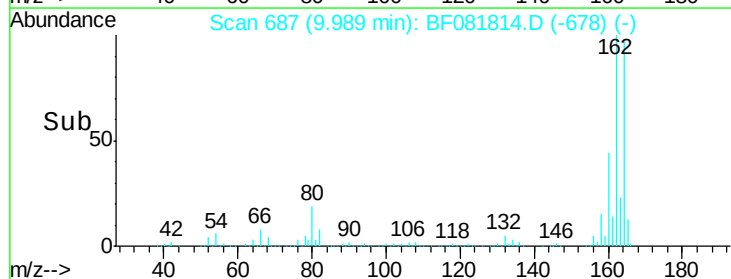
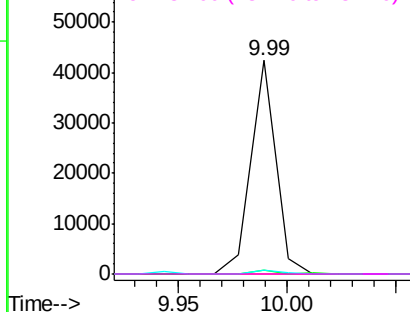


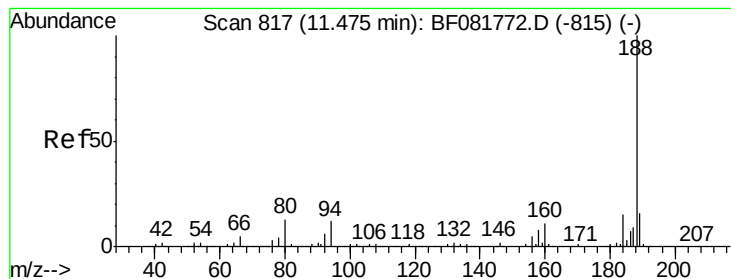
#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081814.D
Acq: 25 Sep 2015 20:56

Tgt Ion:165 Resp: 33915
Ion Ratio Lower Upper
165 100
63 1.8 29.8 44.6#
89 2.0 44.5 66.7#
182 0.0 3.0 4.4#



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: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

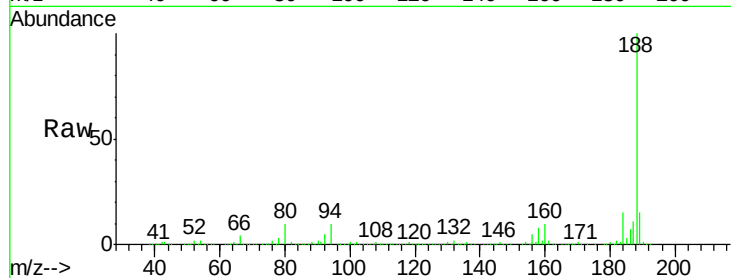
Tgt Ion:188 Resp: 429985

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

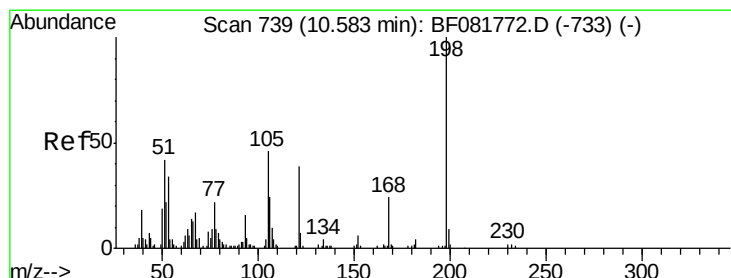
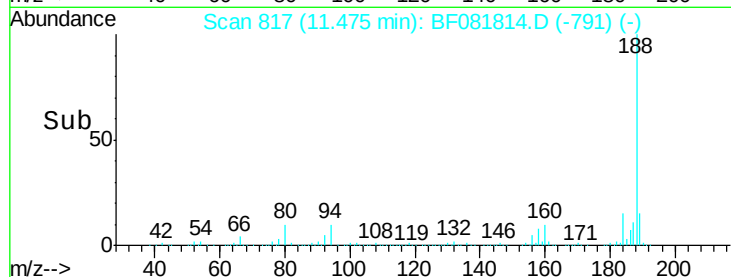
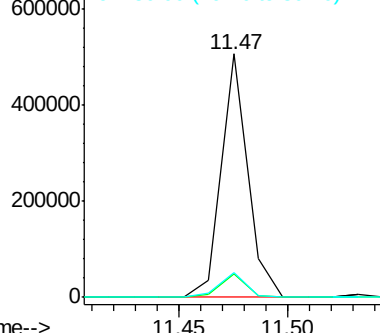
80 10.4 11.0 16.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.40 ng

RT: 10.78 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

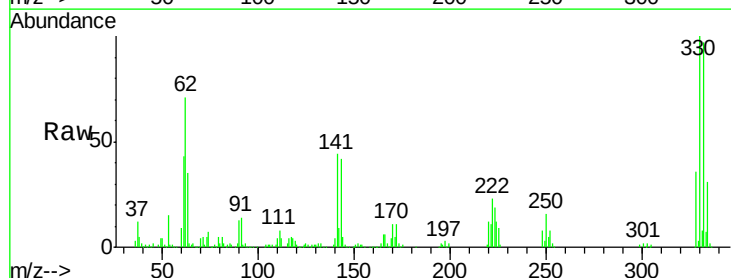
Tgt Ion:198 Resp: 609

Ion Ratio Lower Upper

198 100

51 222.1 39.6 79.6#

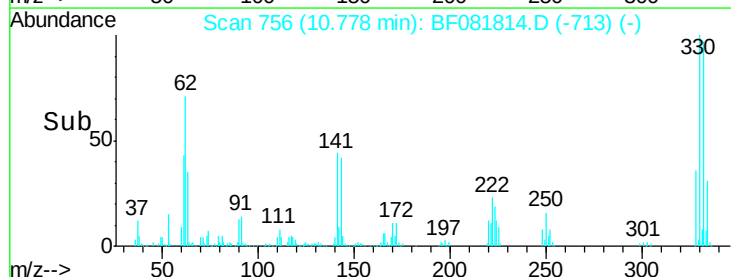
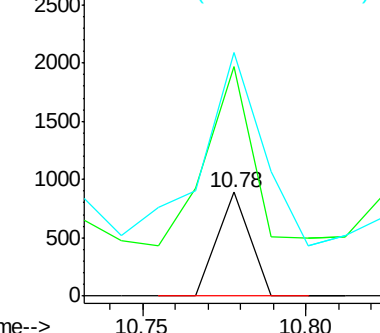
105 235.2 28.5 68.5#

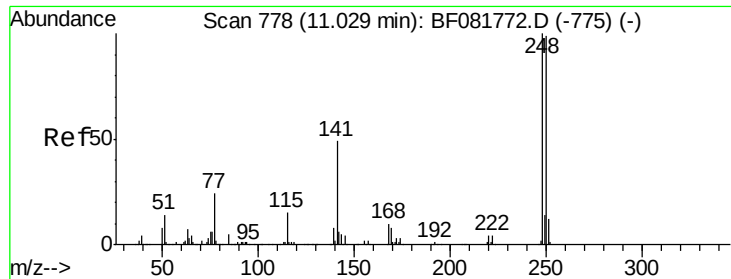


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.28 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

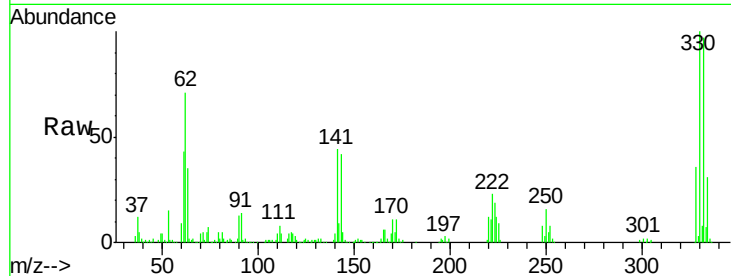
Tgt Ion:248 Resp: 20473

Ion Ratio Lower Upper

248 100

250 198.6 78.5 117.7#

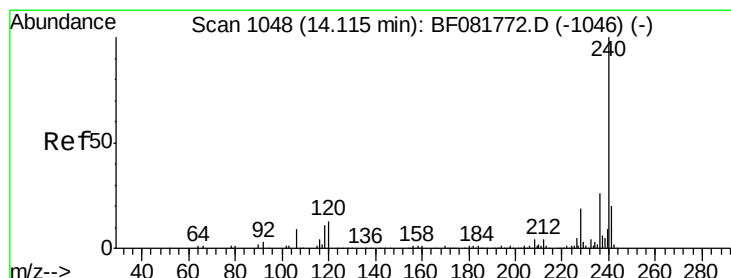
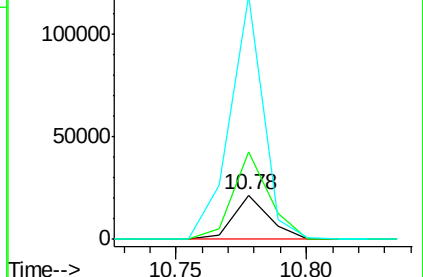
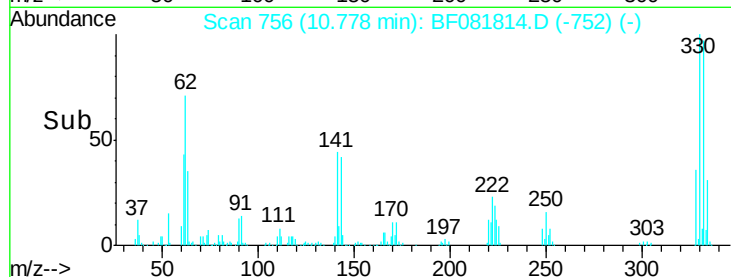
141 553.1 59.0 88.6#



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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081814.D

Acq: 25 Sep 2015 20:56

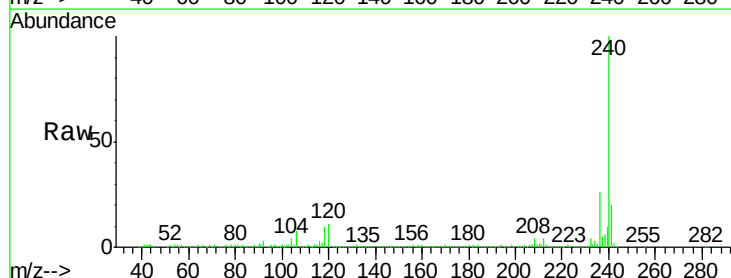
Tgt Ion:240 Resp: 359215

Ion Ratio Lower Upper

240 100

120 11.5 16.2 24.2#

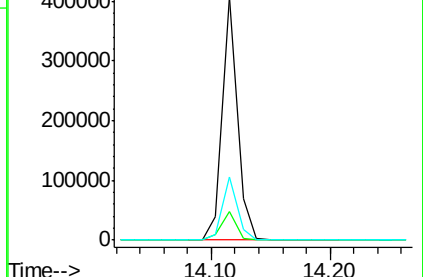
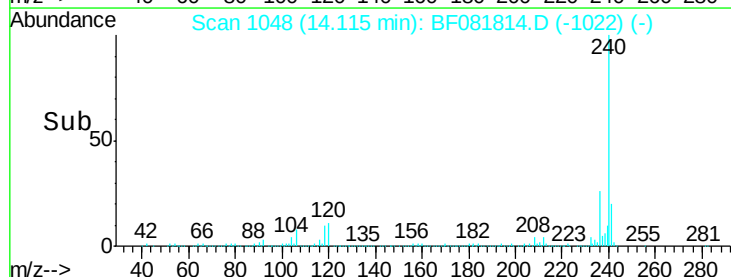
236 26.0 18.4 27.6

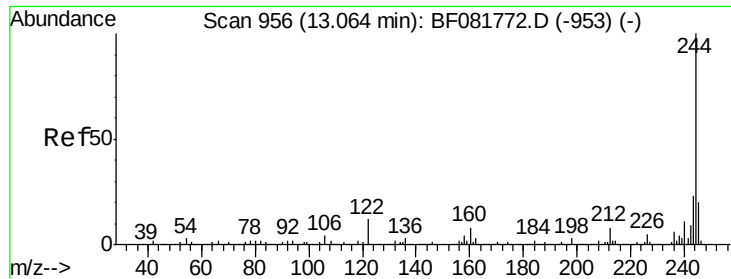


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

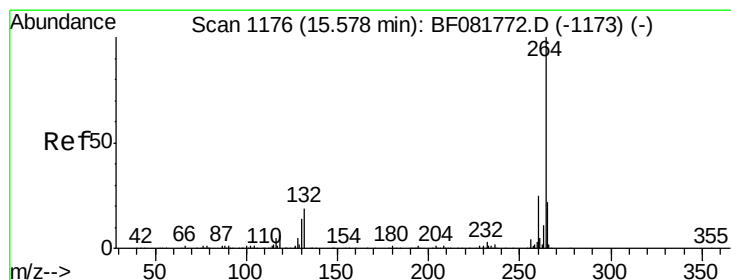
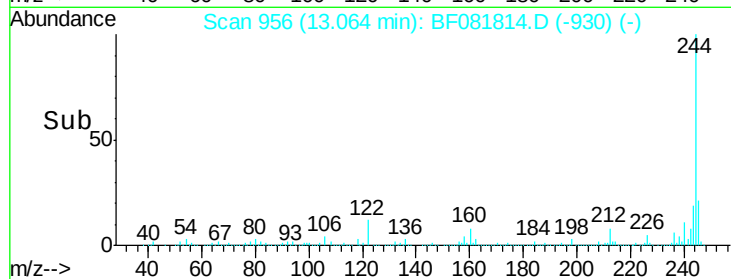
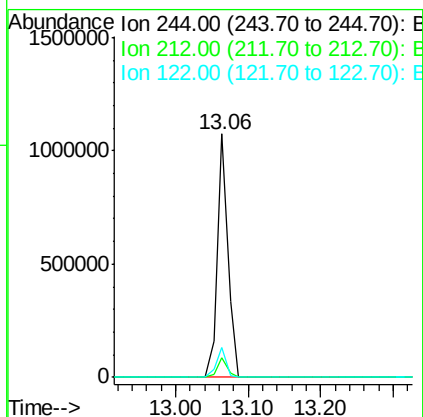
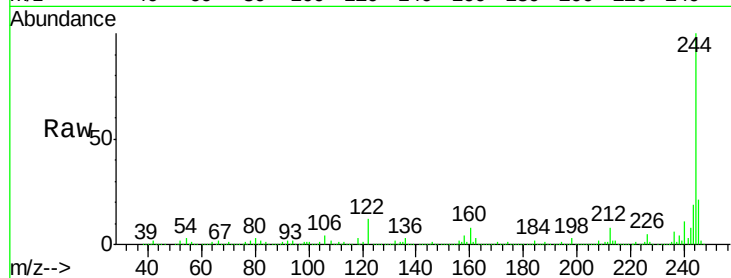




#78
 Terphenyl-d14
 Concen: 68.86 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081814.D
 Acq: 25 Sep 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-9-15-15

Tgt Ion:244 Resp: 1082867
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081814.D
 Acq: 25 Sep 2015 20:56

Tgt Ion:264 Resp: 338510
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1#
 265 21.8 17.2 25.8

