

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080586.D
 Acq On : 23 Jul 2015 6:53
 Operator : TP/UM
 Sample : G3045-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jul 23 07:24:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

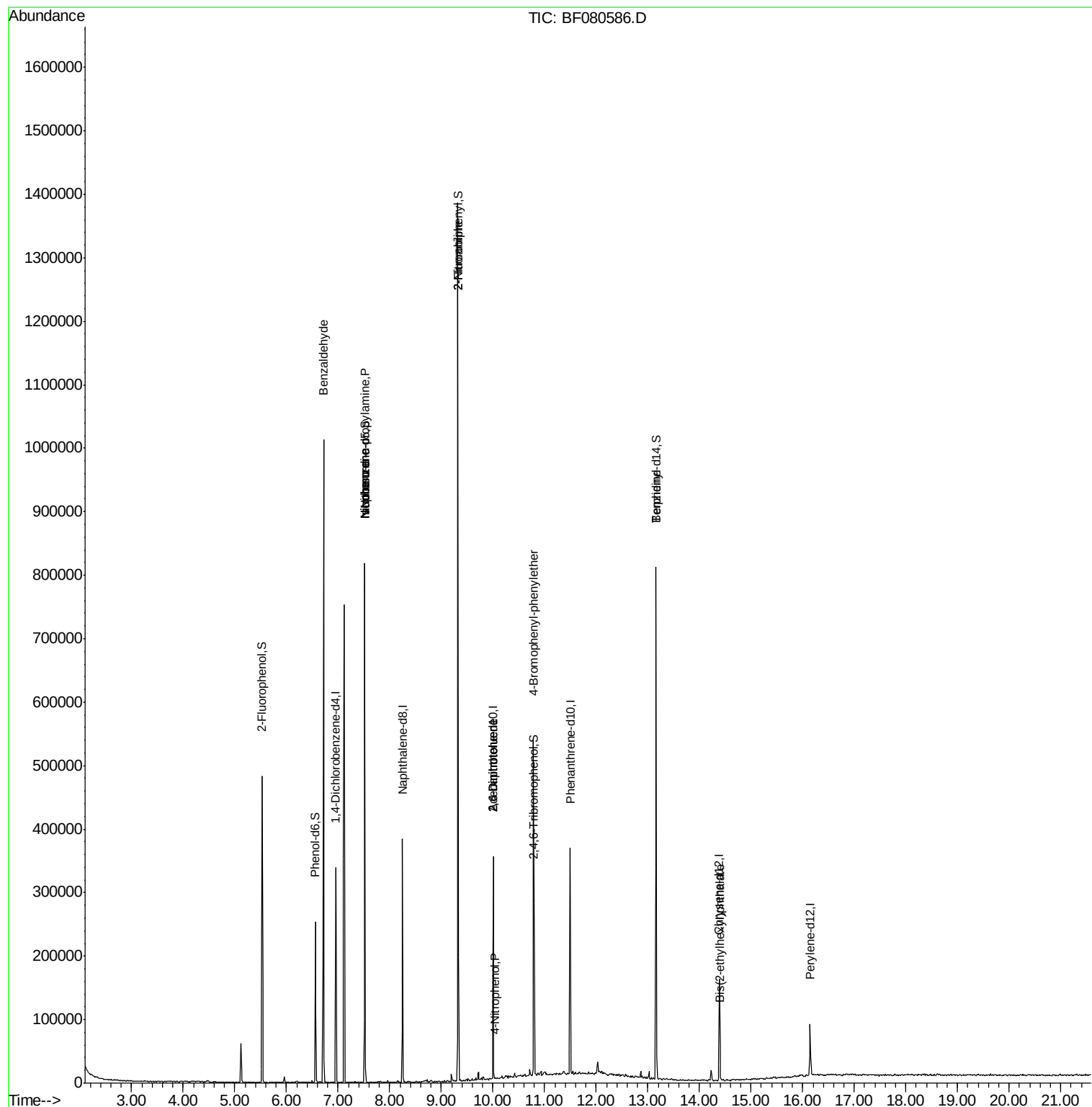
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41530	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	149695	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	64018	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	112347	20.00	ng	0.00
75) Chrysene-d12	14.39	240	64705	20.00	ng	0.07
86) Perylene-d12	16.15	264	41085	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	112817	48.17	ng	0.00
7) Phenol-d6	6.56	99	79261	27.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	202058	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	54748	115.27	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	353134	79.32	ng	0.00
78) Terphenyl-d14	13.16	244	272146	86.25	ng	0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	5772	2.66	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	29438	15.89	ng	# 74
24) Nitrobenzene	7.52	77	612	4.53	ng	# 31
25) Isophorone	7.52	82	182712	37.22	ng	# 66
47) 2-Nitroaniline	9.32	65	789	3.51	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	8279	13.91	ng	# 13
55) 4-Nitrophenol	10.04	139	230	6.77	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	8280	16.46	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	3449	3.19	ng	# 1
76) Benzidine	13.16	184	4183	2.17	ng	# 88
83) Bis(2-ethylhexyl)phthalate	14.40	149	901	3.43	ng	# 54

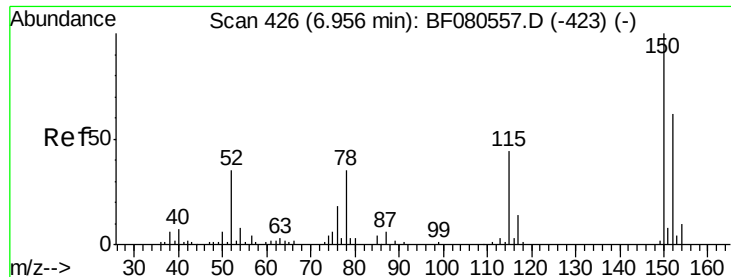
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampled :

MW-4

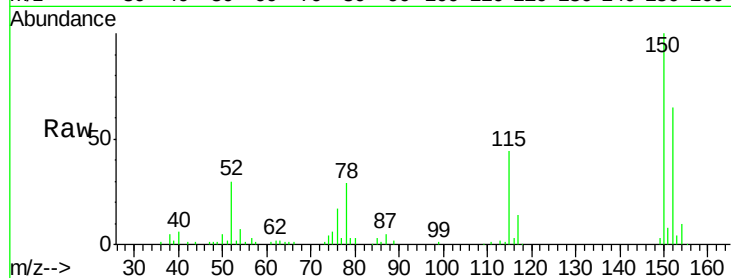
Tgt Ion:152 Resp: 41530

Ion Ratio Lower Upper

152 100

150 153.7 128.7 193.1

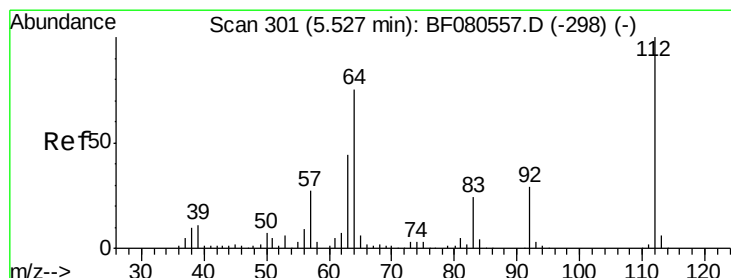
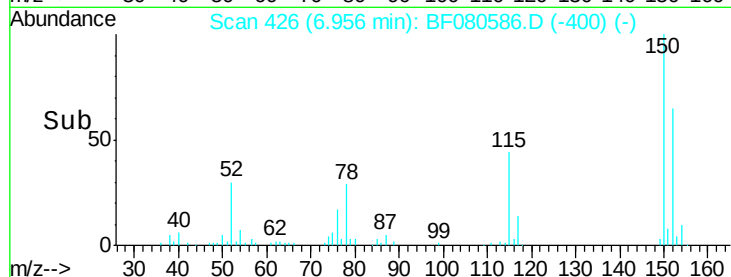
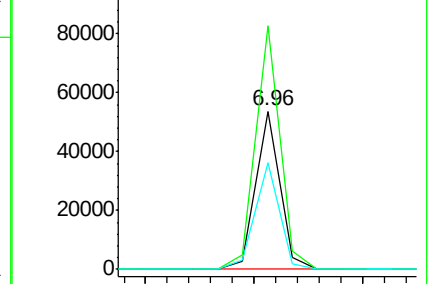
115 67.6 56.8 85.2



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: 48.17 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

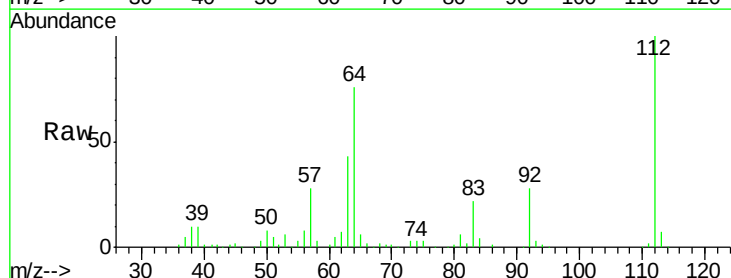
Tgt Ion:112 Resp: 112817

Ion Ratio Lower Upper

112 100

64 76.5 60.2 90.2

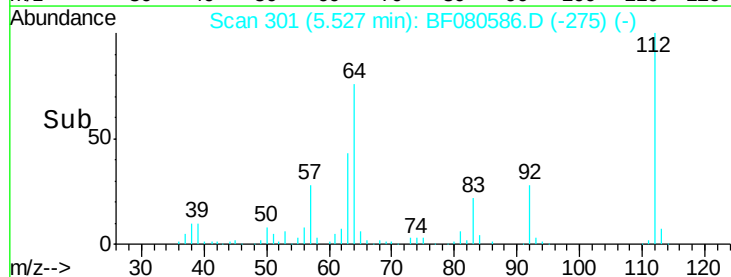
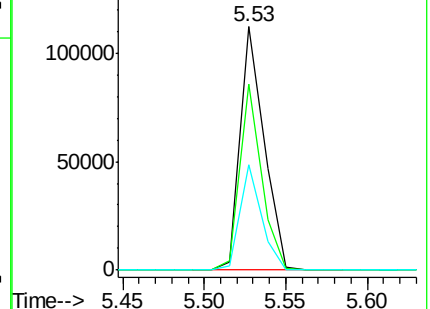
63 43.2 34.8 52.2

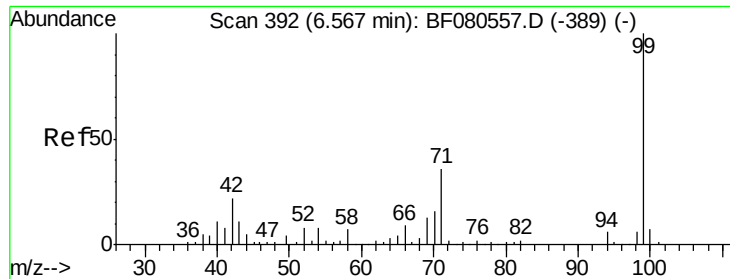


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.48 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampled :

MW-4

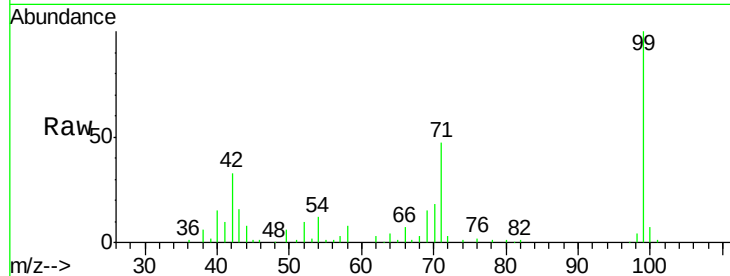
Tgt Ion: 99 Resp: 79261

Ion Ratio Lower Upper

99 100

42 33.5 17.4 26.2#

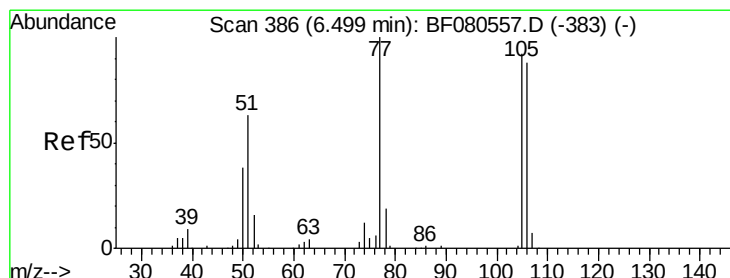
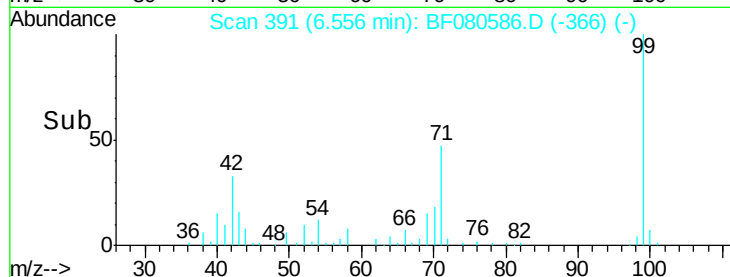
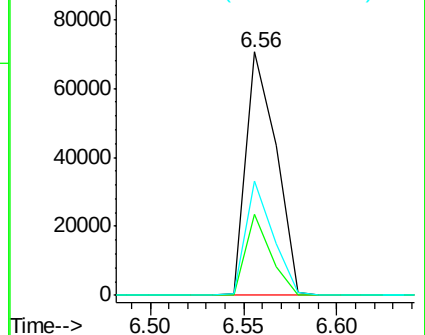
71 47.1 29.0 43.6#



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: 2.66 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

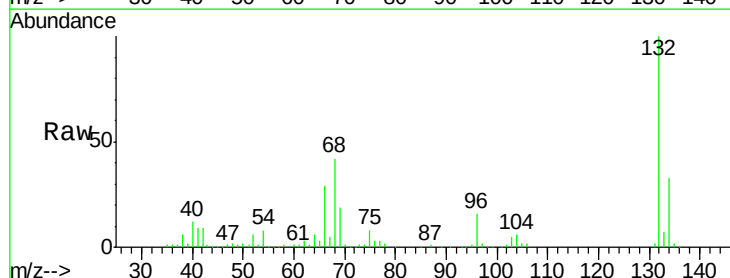
Tgt Ion: 77 Resp: 5772

Ion Ratio Lower Upper

77 100

105 78.6 72.3 112.3

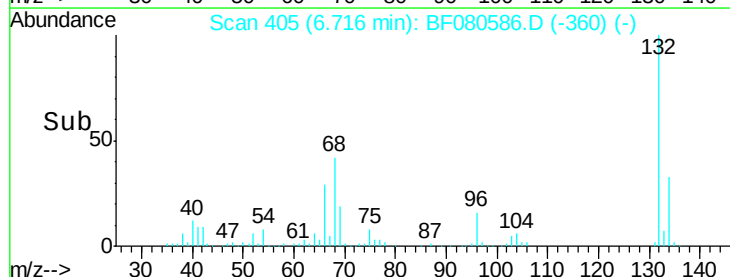
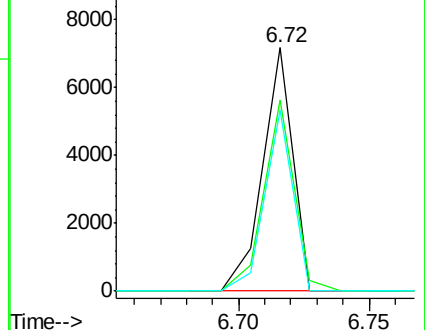
106 74.3 67.5 107.5

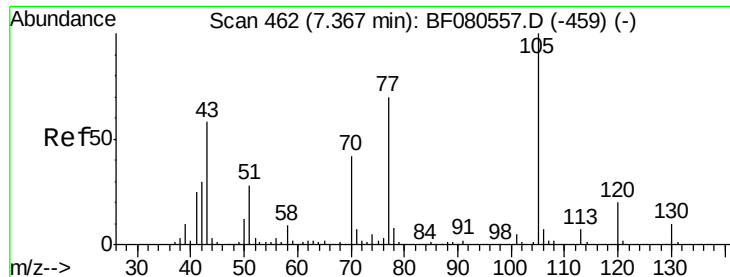


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

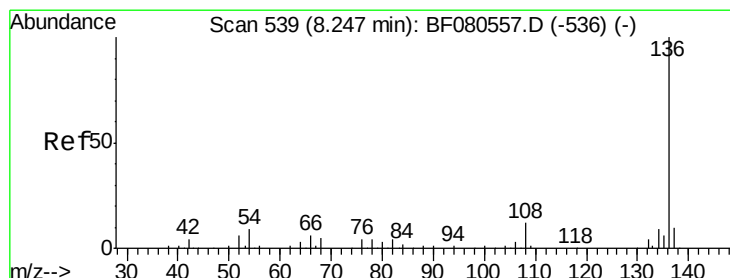
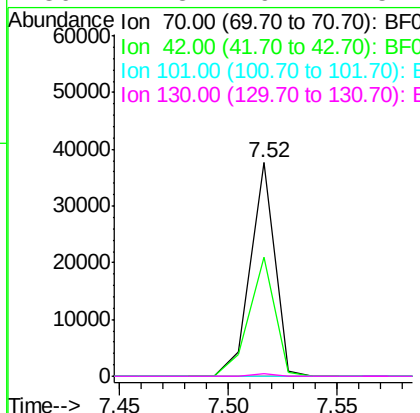
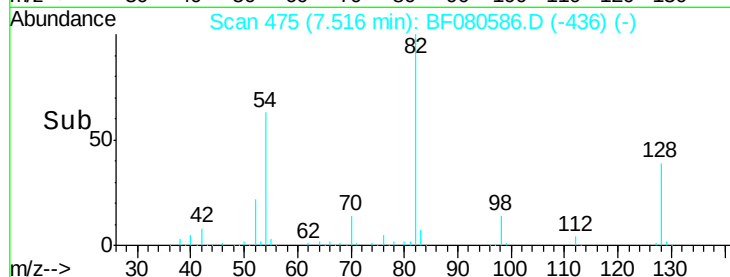
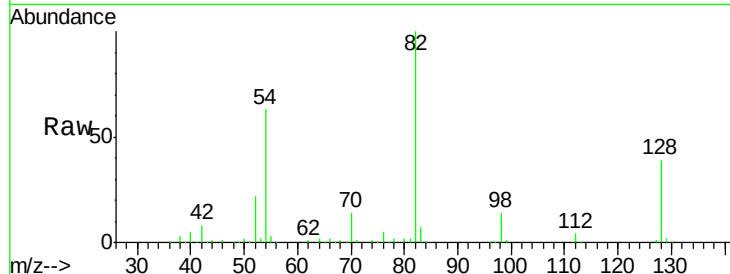




#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

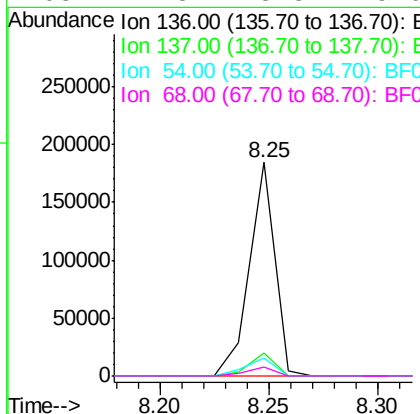
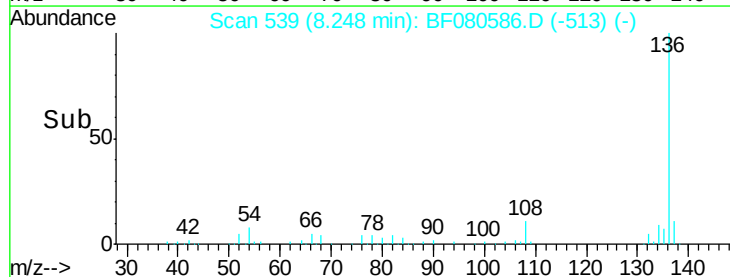
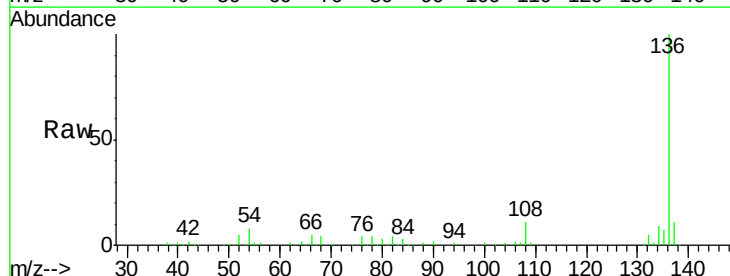
Instrument :
BNA_F
ClientSampleId :
MW-4

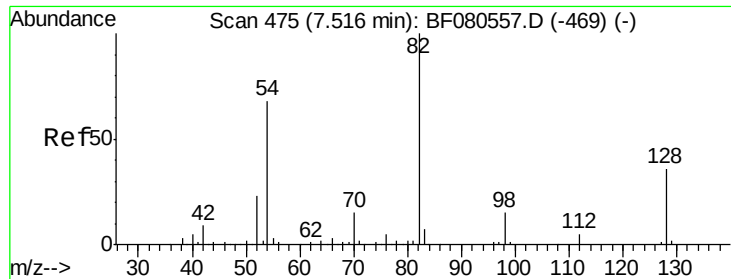
Tgt Ion: 70 Resp: 29438
Ion Ratio Lower Upper
70 100
42 55.5 56.6 85.0#
101 0.0 9.7 14.5#
130 1.3 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

Tgt Ion: 136 Resp: 149695
Ion Ratio Lower Upper
136 100
137 10.8 7.8 11.8
54 8.4 7.2 10.8
68 4.3 3.8 5.6

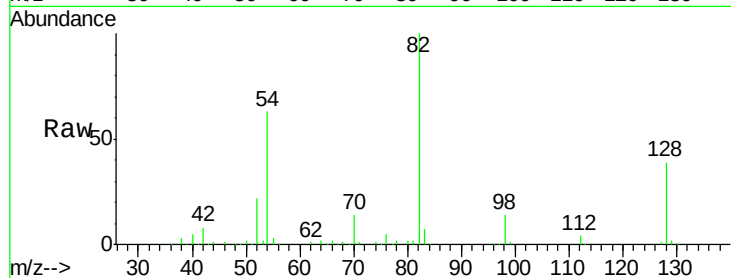




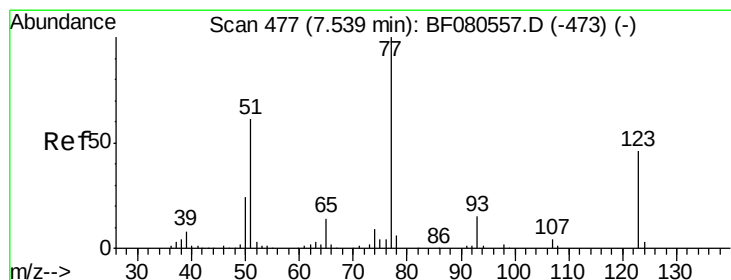
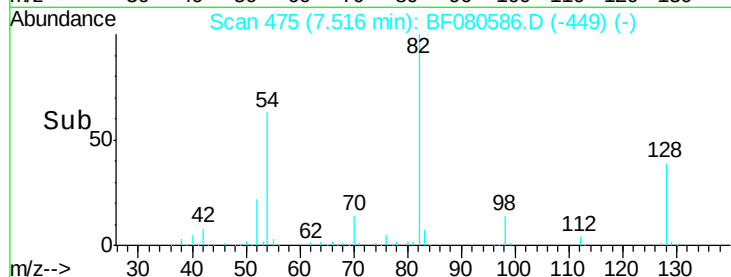
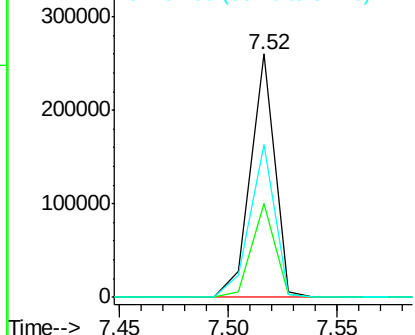
#23
 Nitrobenzene-d5
 Concen: 86.94 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	28.9	43.3
54	62.8	54.5	81.7

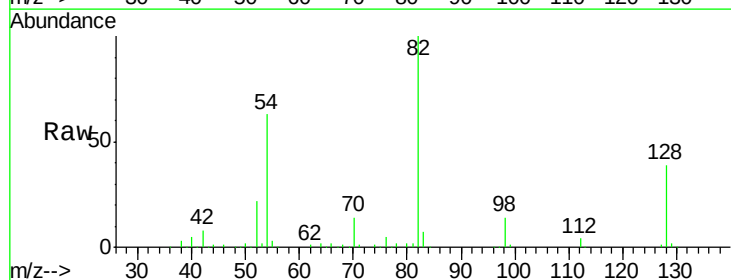


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

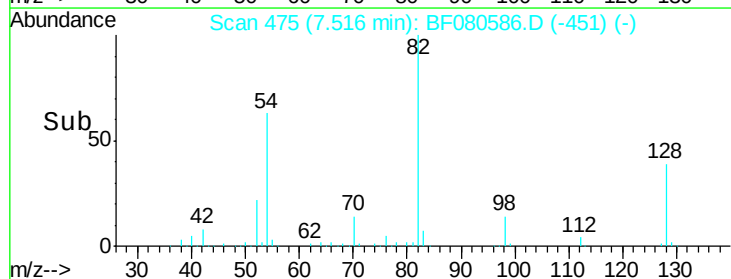
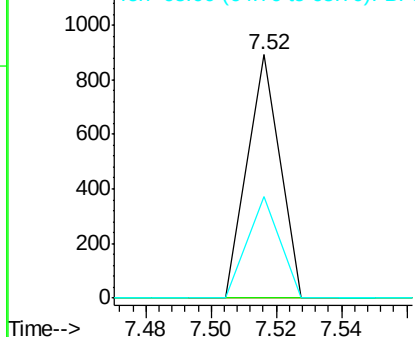


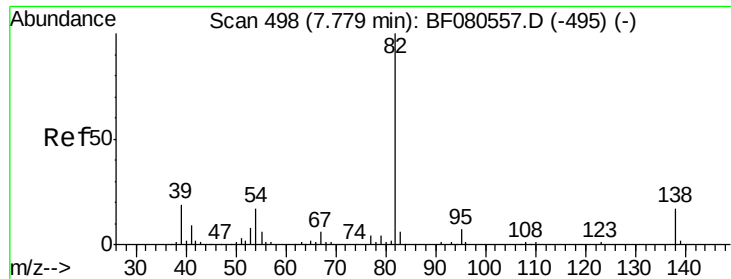
#24
 Nitrobenzene
 Concen: 4.53 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	41.6	11.4	17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.22 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-4

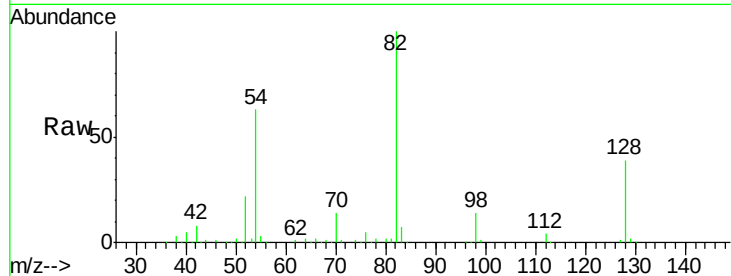
Tgt Ion: 82 Resp: 182712

Ion Ratio Lower Upper

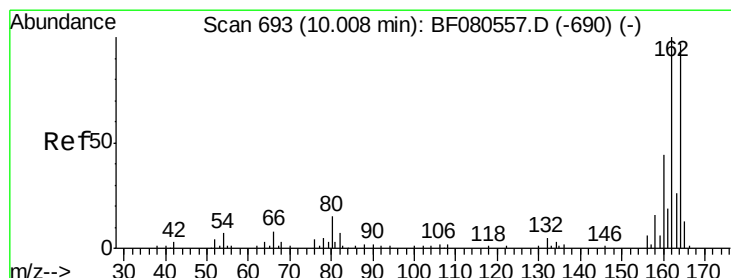
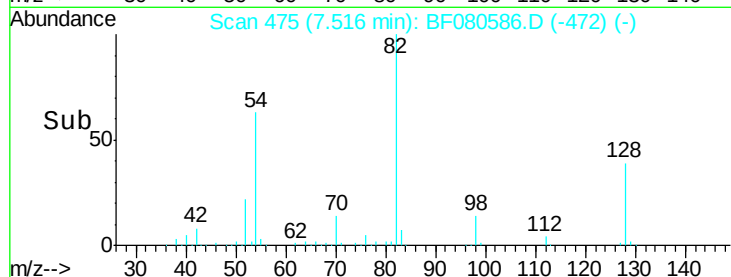
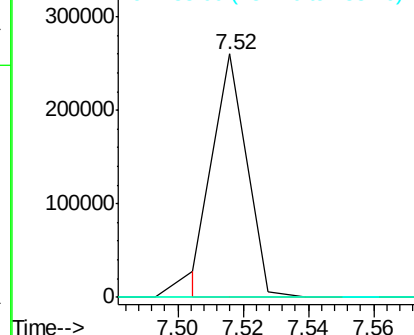
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



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: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

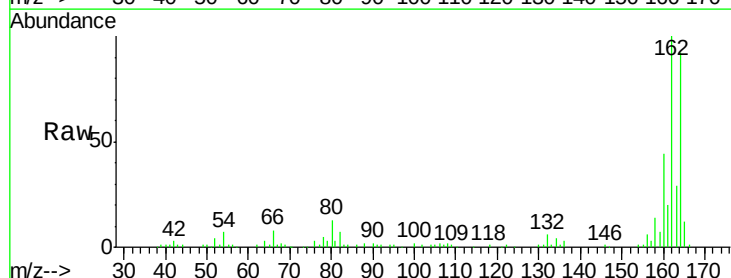
Tgt Ion: 164 Resp: 64018

Ion Ratio Lower Upper

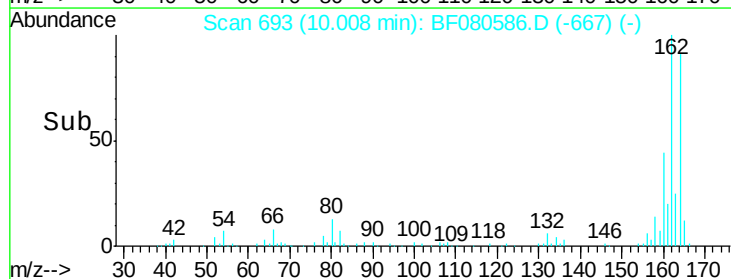
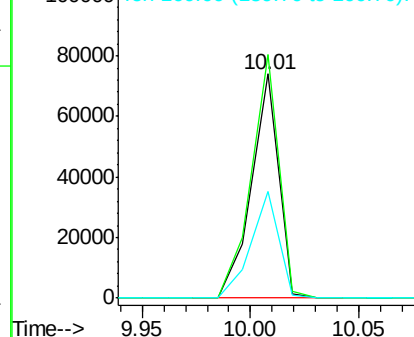
164 100

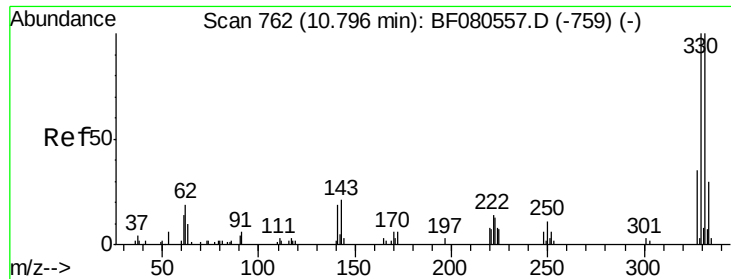
162 108.7 82.2 123.4

160 47.4 36.1 54.1



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

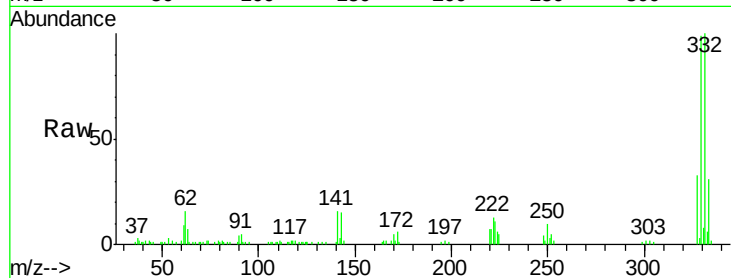




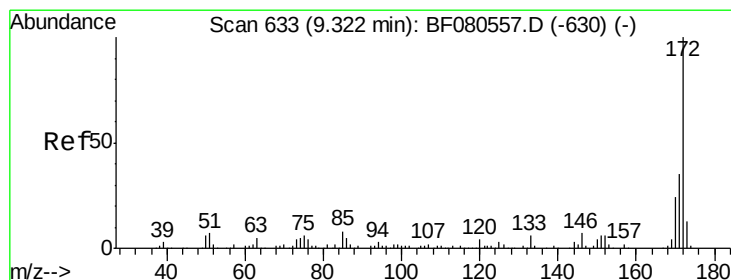
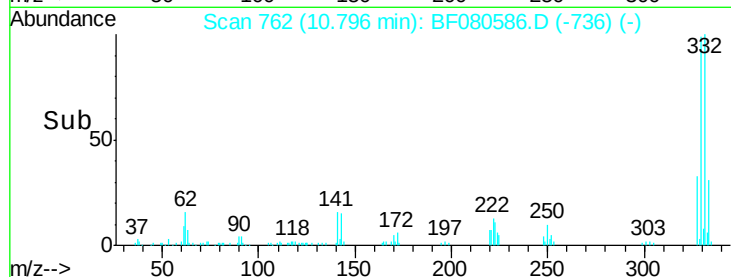
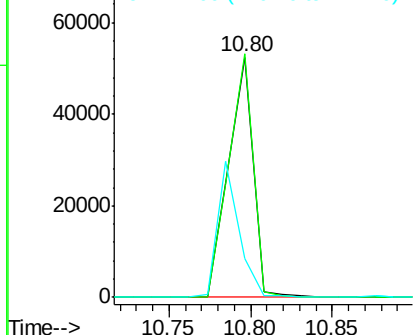
#41
 2,4,6-Tribromophenol
 Concen: 115.27 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.3	117.5
141	49.5	37.9	56.9

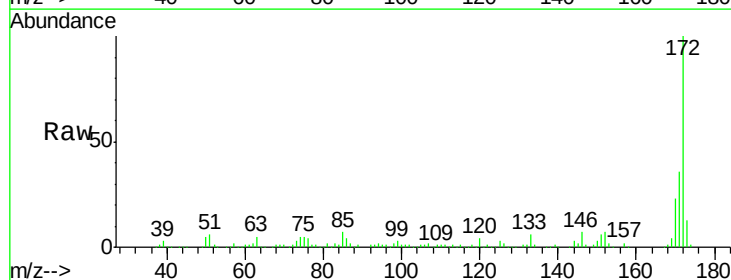


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

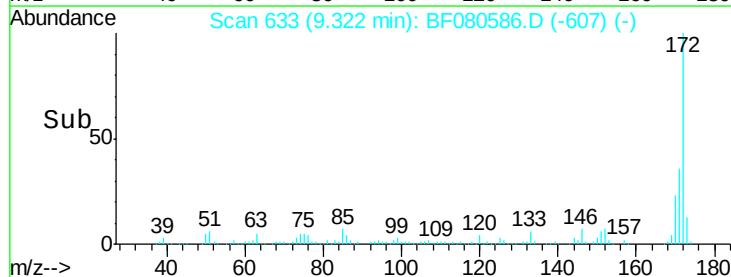
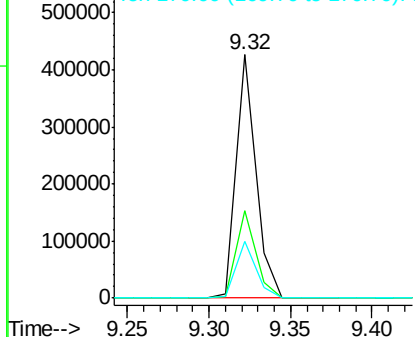


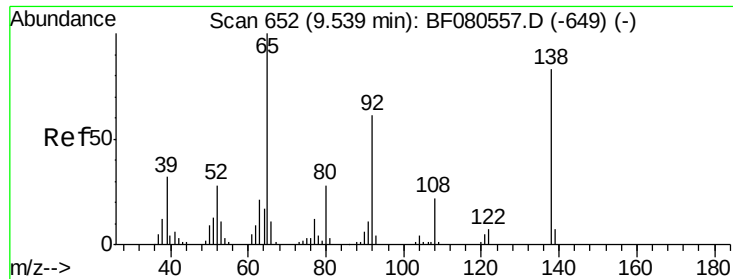
#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.7	41.5
170	23.4	19.1	28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

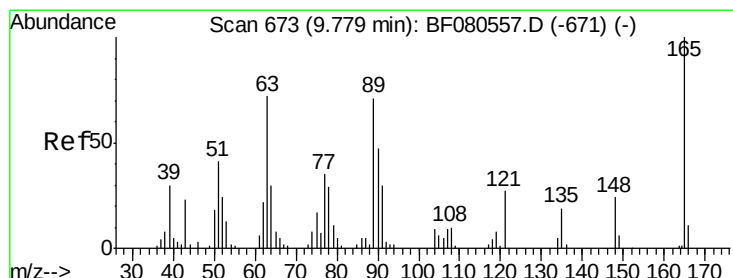
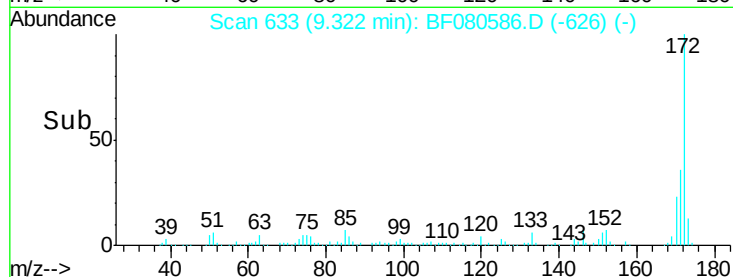
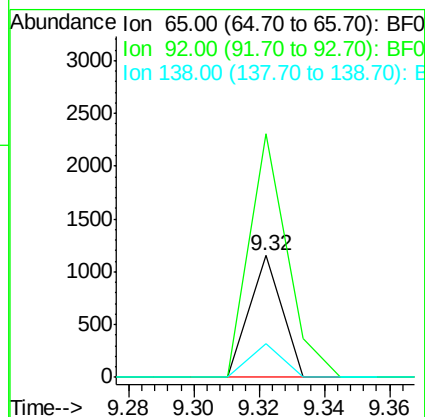
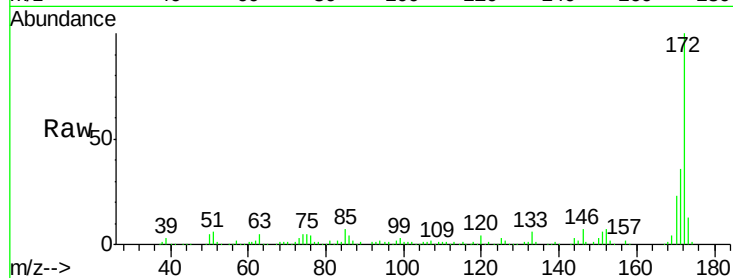




#47
 2-Nitroaniline
 Concen: 3.51 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.22 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

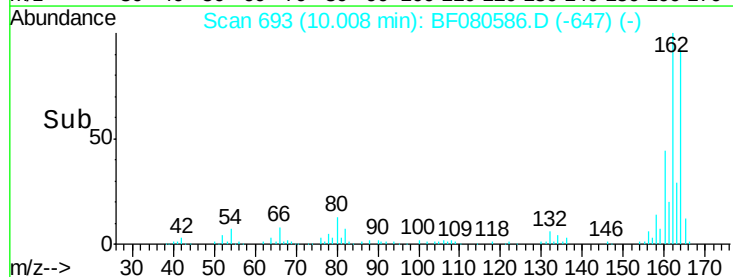
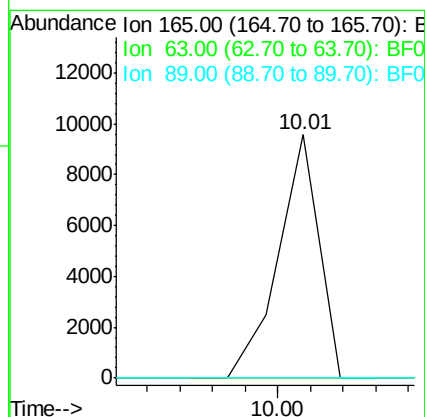
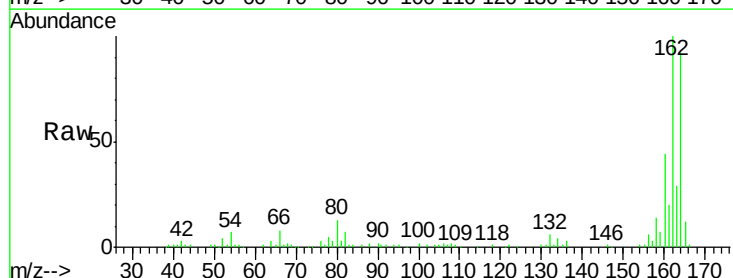
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

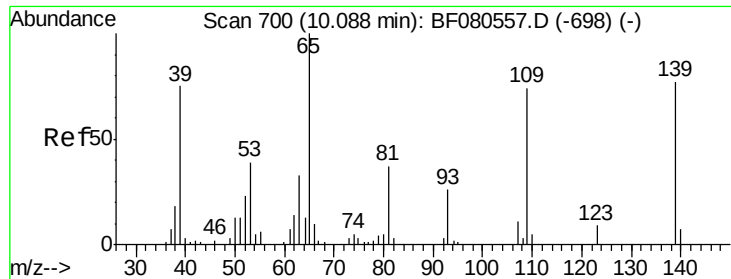
Tgt Ion: 65 Resp: 789
 Ion Ratio Lower Upper
 65 100
 92 200.4 48.7 73.1#
 138 27.6 66.8 100.2#



#50
 2,6-Dinitrotoluene
 Concen: 13.91 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.23 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Tgt Ion: 165 Resp: 8279
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.0 88.6#
 89 0.0 56.9 85.3#

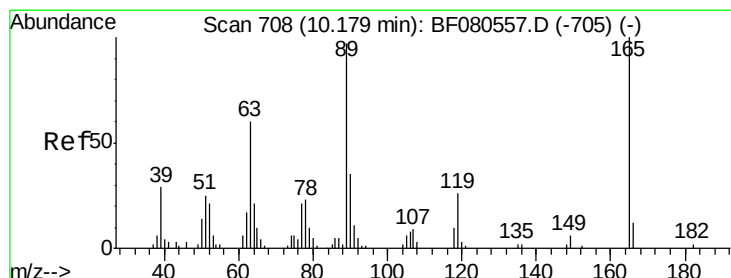
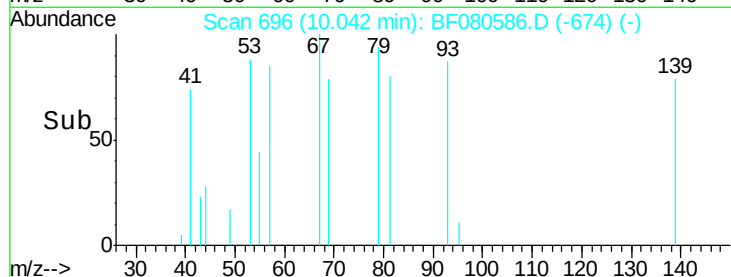
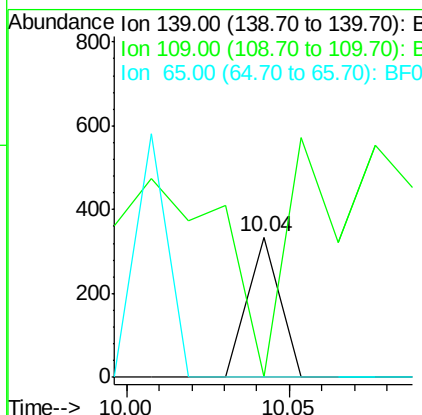
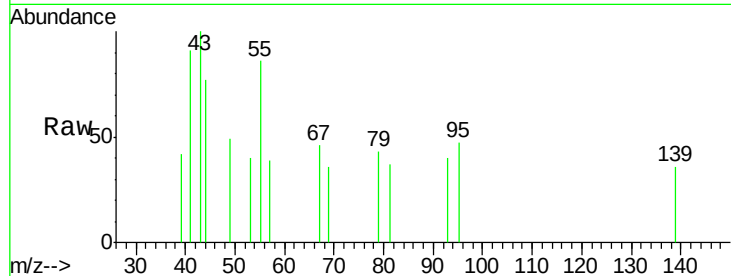




#55
4-Nitrophenol
Concen: 6.77 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

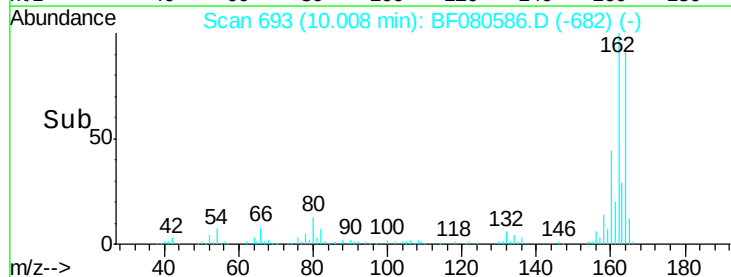
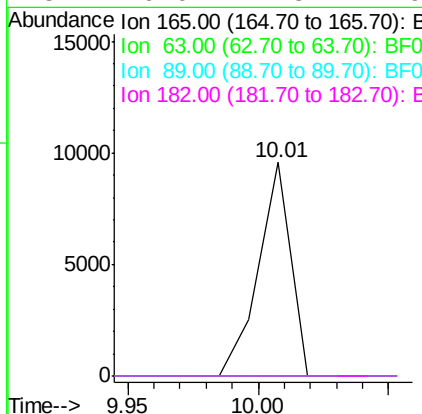
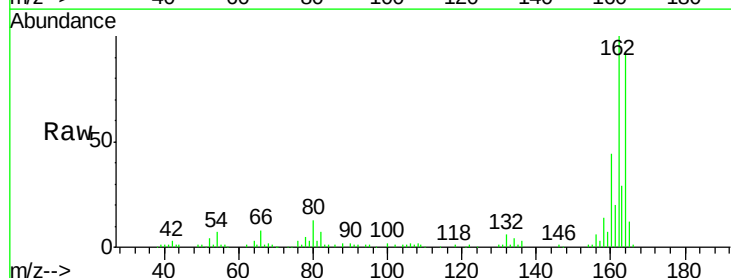
Instrument :
BNA_F
ClientSampled :
MW-4

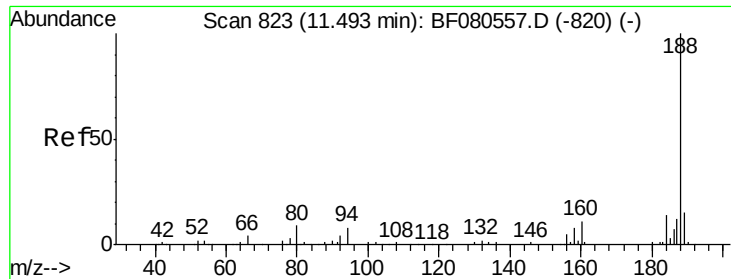
Tgt Ion:139 Resp: 230
Ion Ratio Lower Upper
139 100
109 0.0 75.9 115.9#
65 0.0 109.4 149.4#



#56
2,4-Dinitrotoluene
Concen: 16.46 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

Tgt Ion:165 Resp: 8280
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 0.0 77.4 116.0#
182 0.0 1.3 1.9#

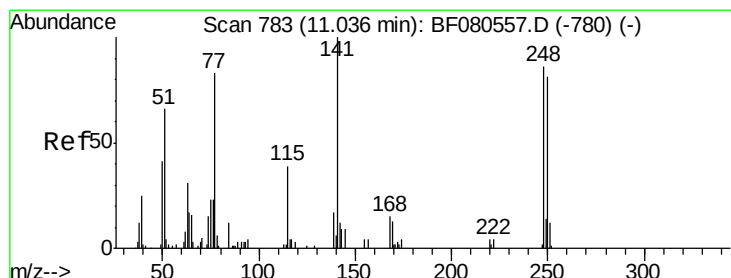
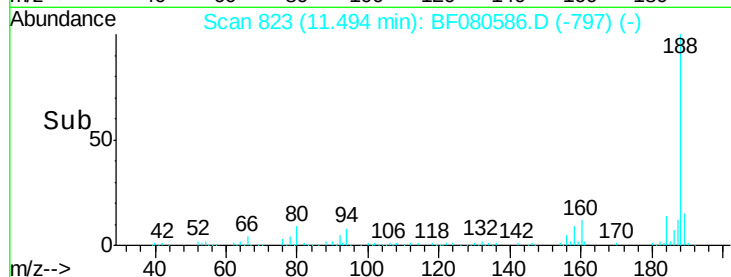
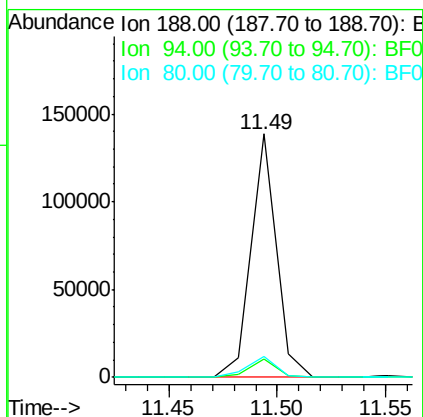
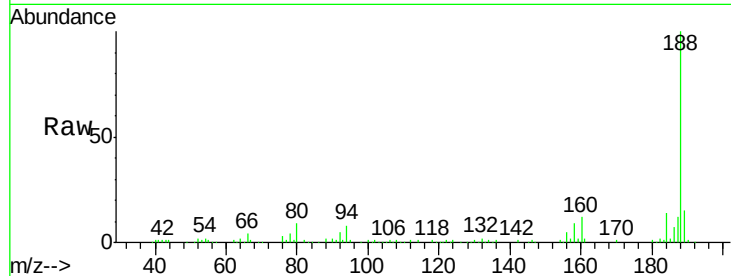




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

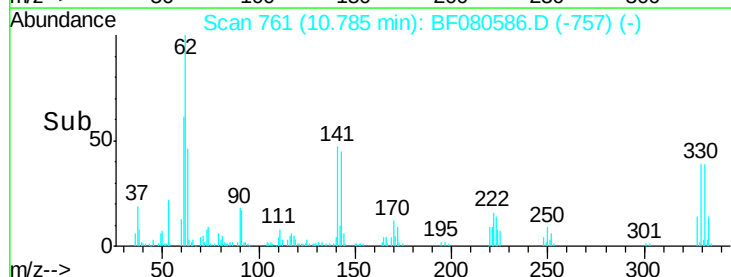
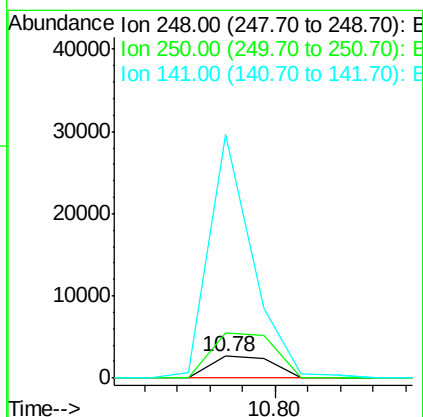
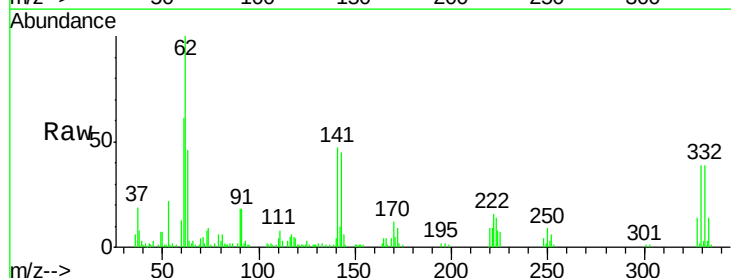
Instrument :
BNA_F
ClientSampleId :
MW-4

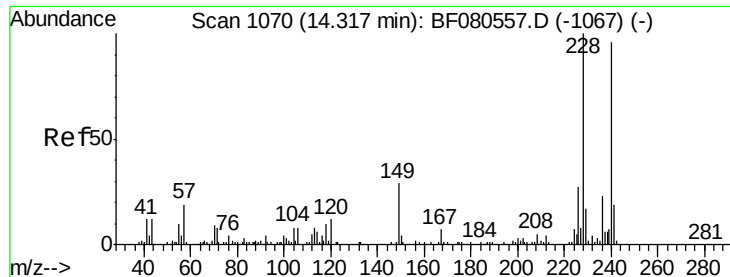
Tgt Ion:188 Resp: 112347
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.8 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

Tgt Ion:248 Resp: 3449
Ion Ratio Lower Upper
248 100
250 210.2 75.4 113.2#
141 1116.2 93.4 140.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.39 min Scan# 1076

Delta R.T. 0.07 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-4

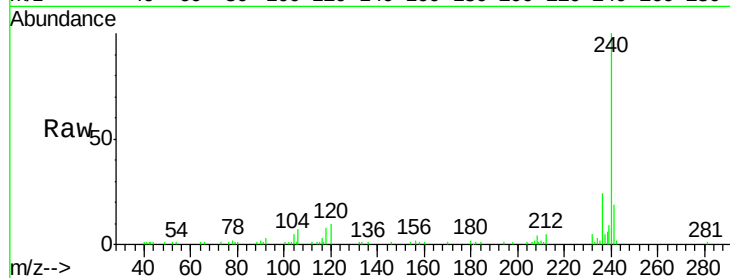
Tgt Ion:240 Resp: 64705

Ion Ratio Lower Upper

240 100

120 9.6 9.9 14.9#

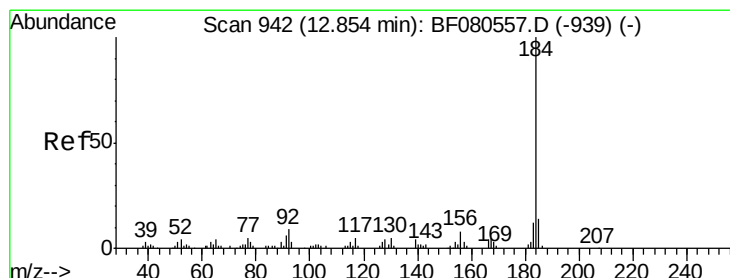
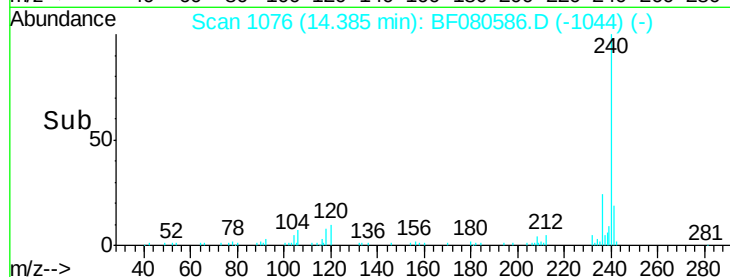
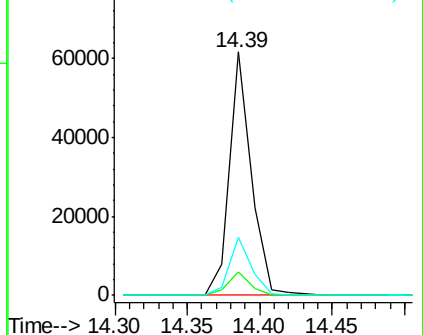
236 23.8 19.1 28.7



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



#76

Benzidine

Concen: 2.17 ng

RT: 13.16 min Scan# 969

Delta R.T. 0.31 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

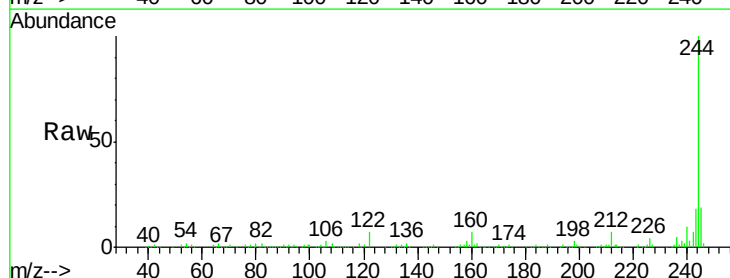
Tgt Ion:184 Resp: 4183

Ion Ratio Lower Upper

184 100

185 21.0 11.2 16.8#

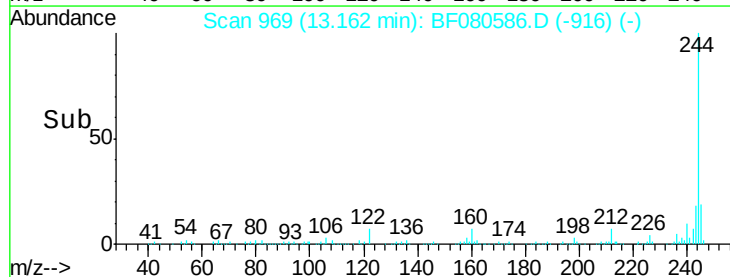
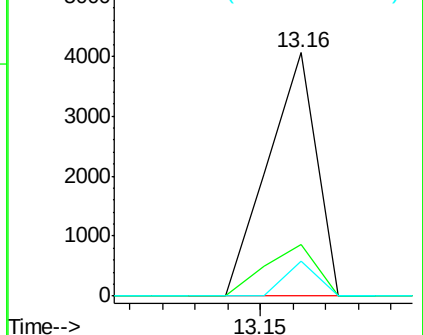
183 14.6 9.6 14.4#

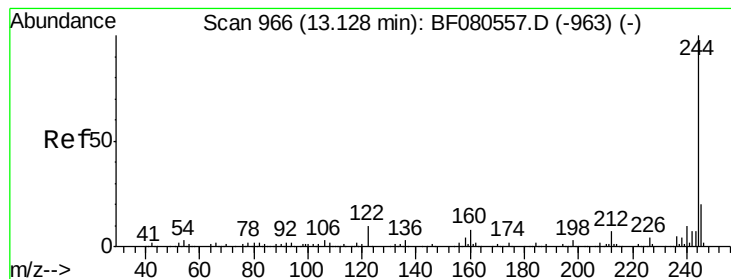


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.25 ng

RT: 13.16 min Scan# 969

Delta R.T. 0.03 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-4

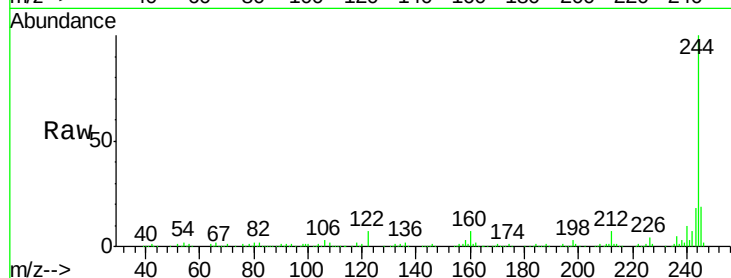
Tgt Ion:244 Resp: 272146

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

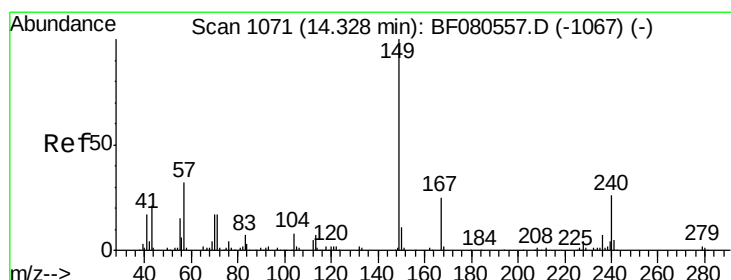
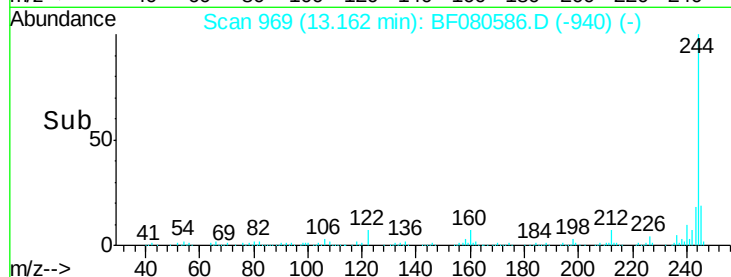
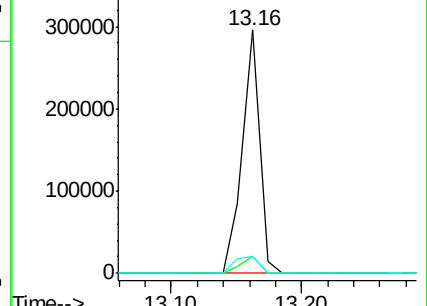
122 7.1 8.2 12.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.43 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.07 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

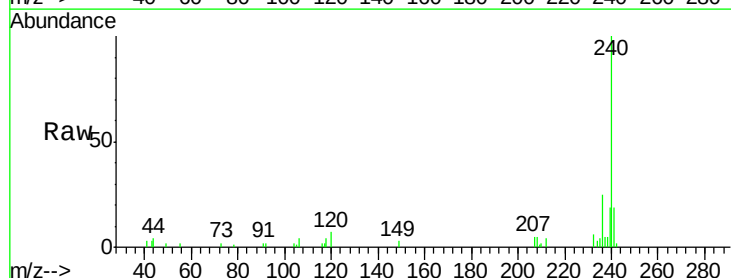
Tgt Ion:149 Resp: 901

Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.2#

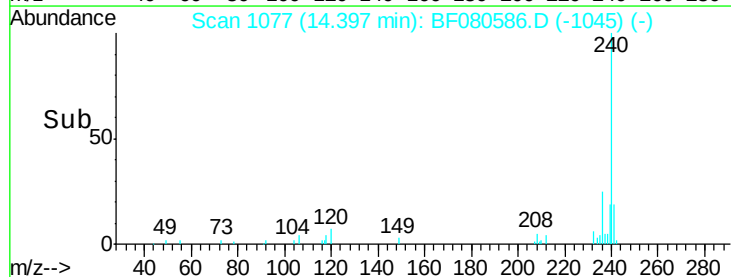
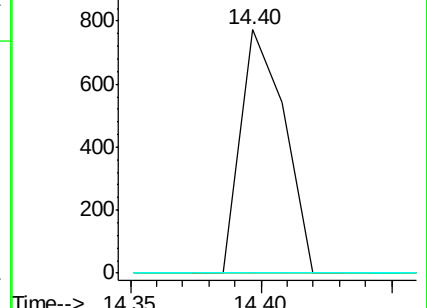
279 0.0 2.0 3.0#

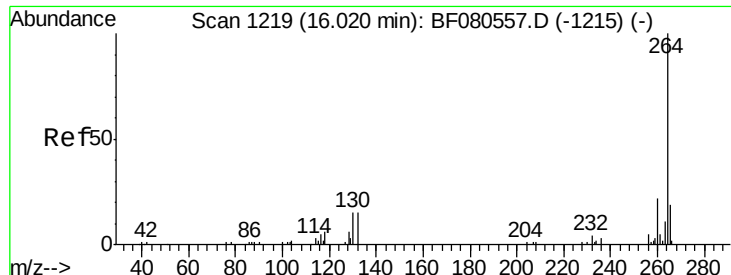


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

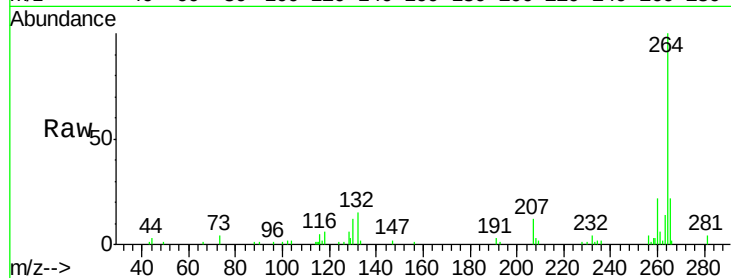




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1230
Delta R.T. 0.13 min
Lab File: BF080586.D
Acq: 23 Jul 2015 6:53

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 41085
Ion Ratio Lower Upper
264 100
260 21.7 17.8 26.8
265 21.8 15.6 23.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

