

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080652.D
 Acq On : 25 Jul 2015 6:01
 Operator : TP/UM
 Sample : G3079-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Quant Time: Jul 25 06:39:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

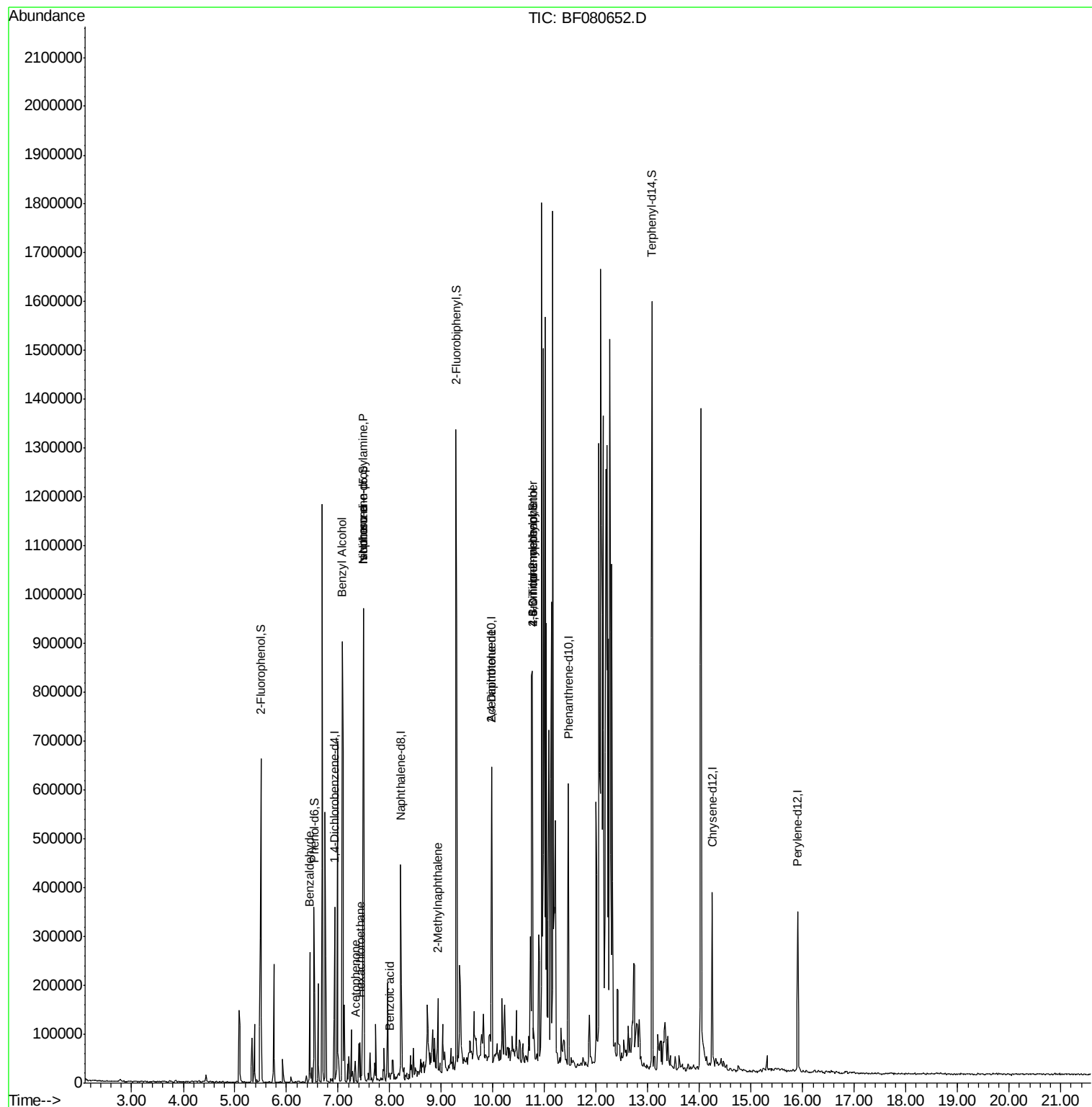
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52169	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	186022	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	104098	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	185047	20.00	ng	0.00
75) Chrysene-d12	14.25	240	173735	20.00	ng	0.09
86) Perylene-d12	15.91	264	151588	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	140698	45.41	ng	0.00
7) Phenol-d6	6.53	99	97549	26.36	ng	-0.01
23) Nitrobenzene-d5	7.49	82	297047	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	118785	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	495129	73.39	ng	-0.01
78) Terphenyl-d14	13.08	244	578338	71.68	ng	0.02
Target Compounds						
9) Benzaldehyde	6.45	77	12432	5.14	ng	# 1
15) Benzyl Alcohol	7.08	79	6404	2.08	ng	# 78
18) Hexachloroethane	7.42	117	4139	2.78	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	40218	15.06	ng	# 66
22) Acetophenone	7.33	105	17902	3.71	ng	# 46
25) Isophorone	7.49	82	296726	45.68	ng	# 73
32) Benzoic acid	8.00	122	339	6.63	ng	# 82
37) 2-Methylnaphthalene	8.93	142	37600	5.66	ng	# 99
56) 2,4-Dinitrotoluene	9.97	165	13559	7.72	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.76	198	446	6.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	8026	4.60	ng	# 1

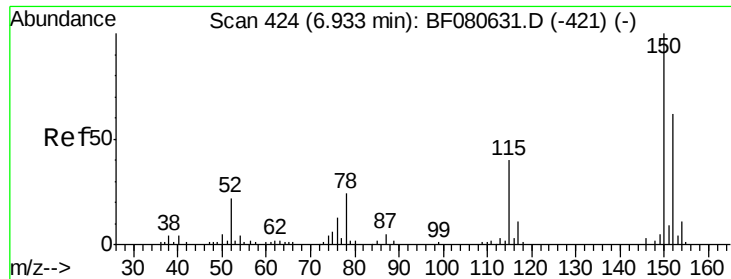
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

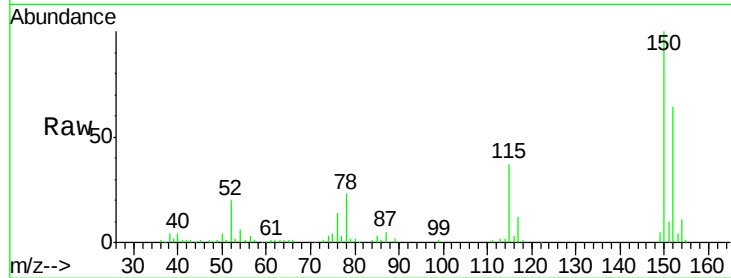
Tgt Ion:152 Resp: 52169

Ion Ratio Lower Upper

152 100

150 157.1 128.9 193.3

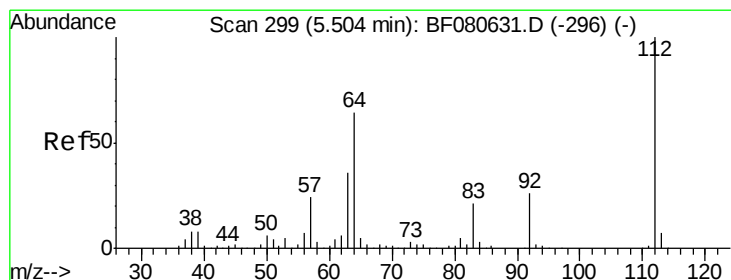
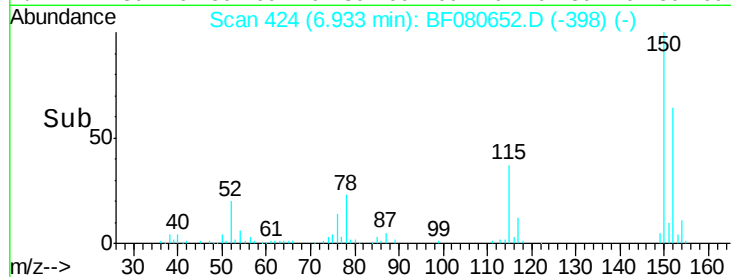
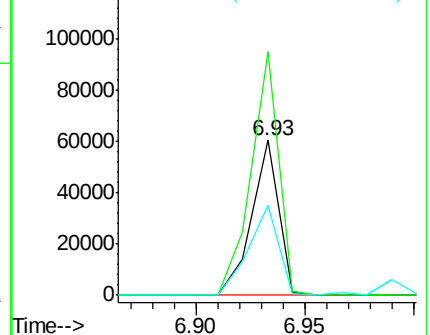
115 58.1 51.0 76.6



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: 45.41 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

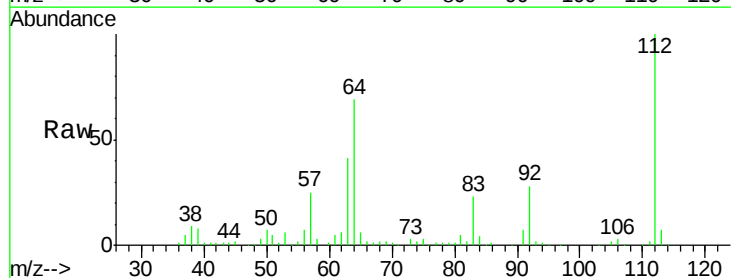
Tgt Ion:112 Resp: 140698

Ion Ratio Lower Upper

112 100

64 69.4 51.2 76.8

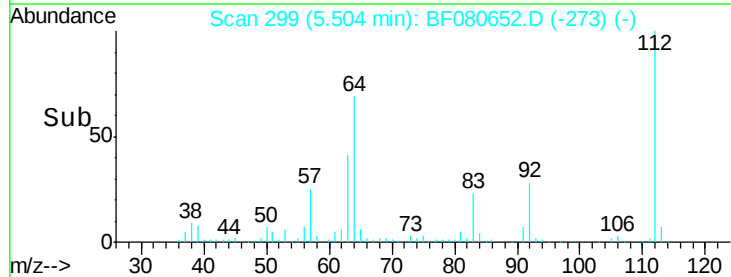
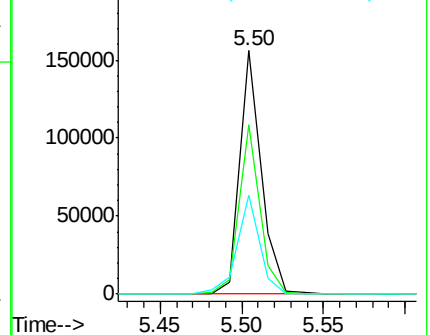
63 40.6 29.0 43.6

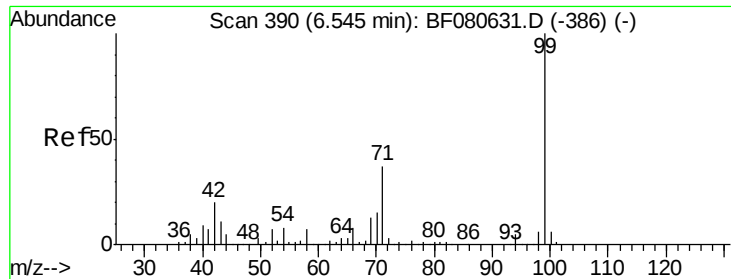


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.36 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

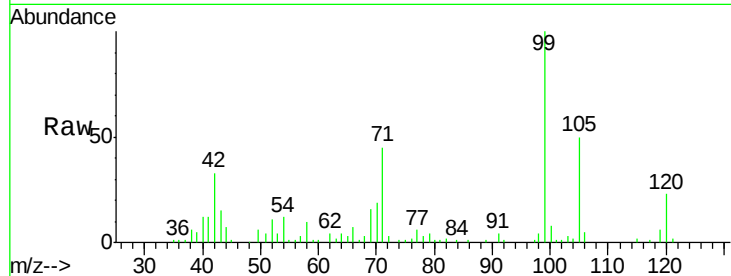
Tgt Ion: 99 Resp: 97549

Ion Ratio Lower Upper

99 100

42 33.3 16.3 24.5#

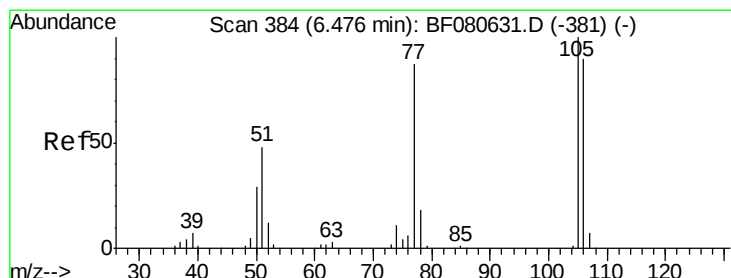
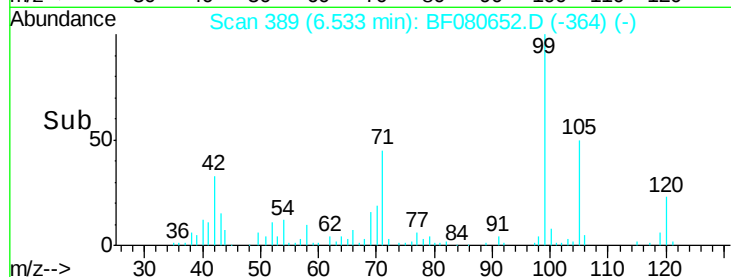
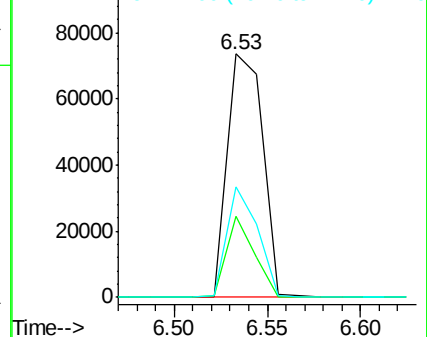
71 45.5 29.7 44.5#



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: 5.14 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

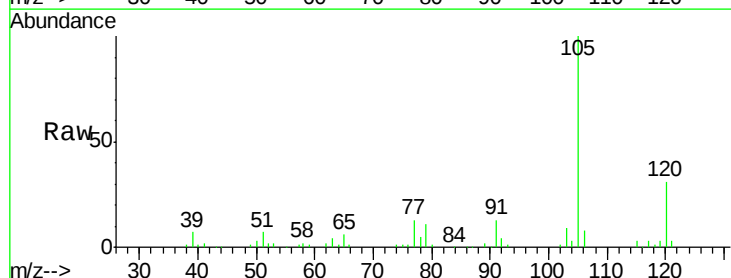
Tgt Ion: 77 Resp: 12432

Ion Ratio Lower Upper

77 100

105 742.1 94.7 134.7#

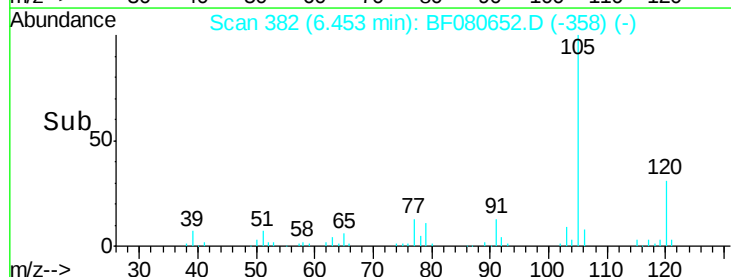
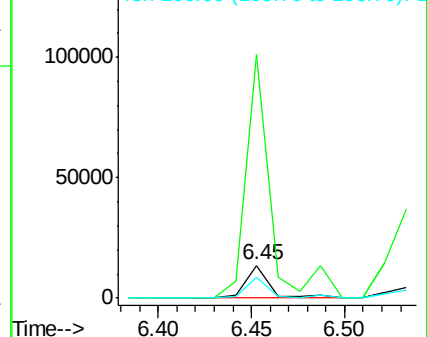
106 62.8 83.4 123.4#

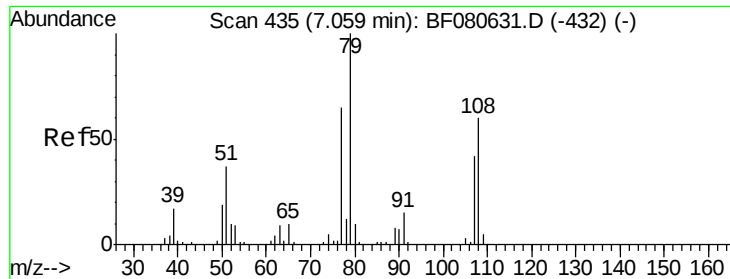


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

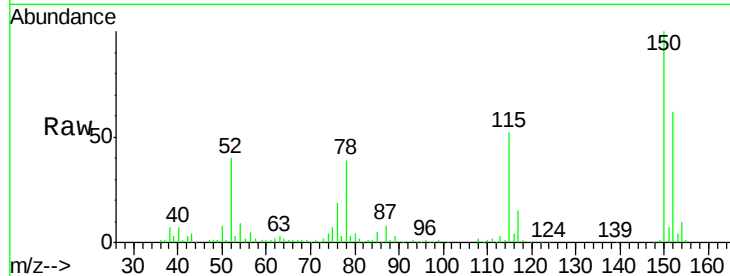
Tgt Ion: 79 Resp: 6404

Ion Ratio Lower Upper

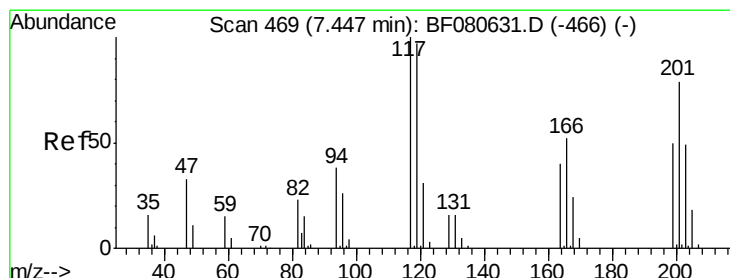
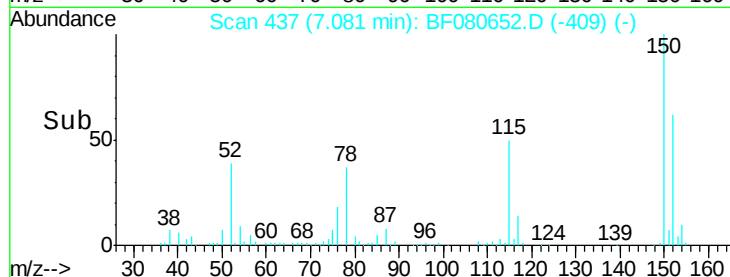
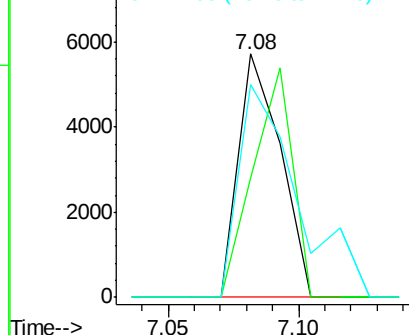
79 100

108 48.9 47.8 71.8

77 87.5 51.6 77.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.78 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

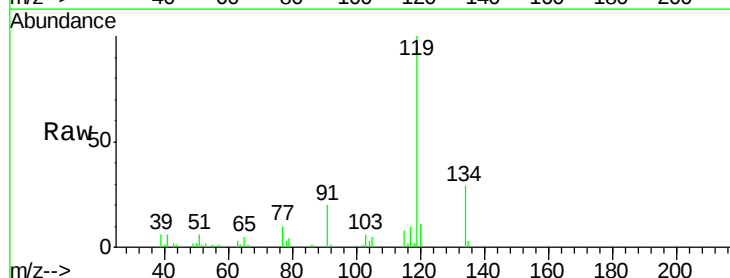
Tgt Ion: 117 Resp: 4139

Ion Ratio Lower Upper

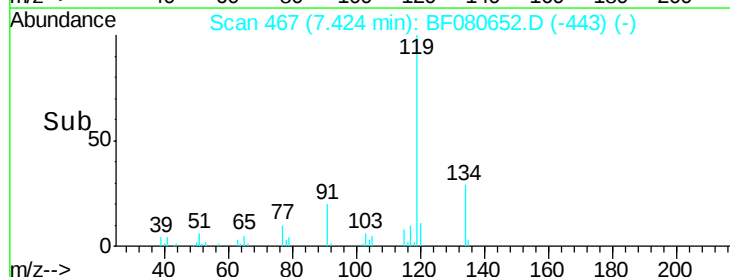
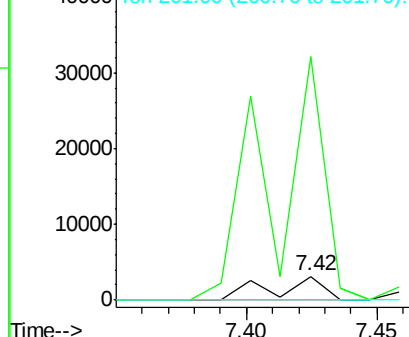
117 100

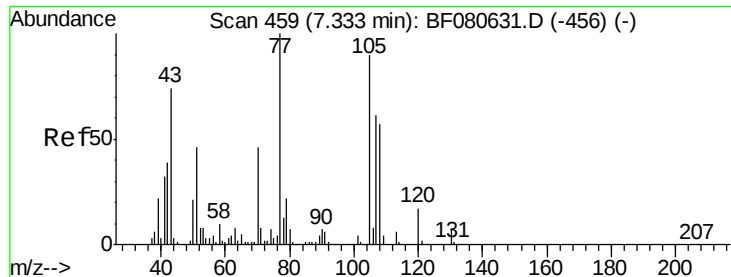
119 1021.6 77.4 116.2#

201 0.0 62.9 94.3#



Abundance Ion 117.00 (116.70 to 117.70): B
Ion 119.00 (118.70 to 119.70): B
Ion 201.00 (200.70 to 201.70): B

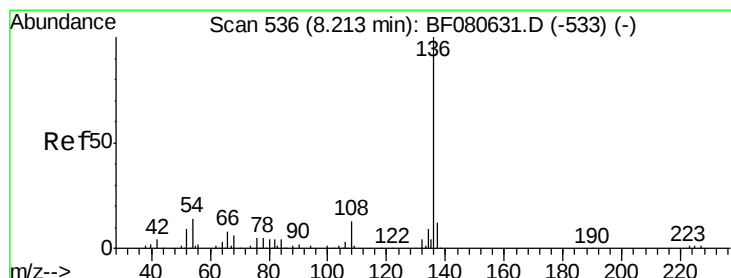
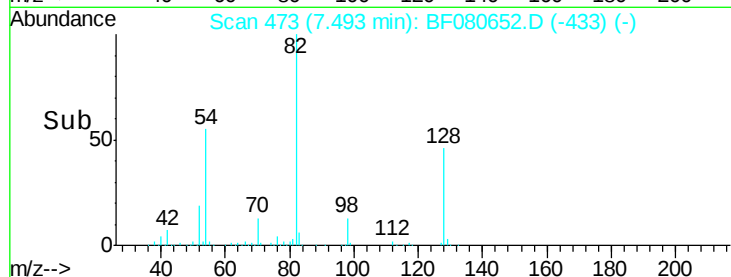
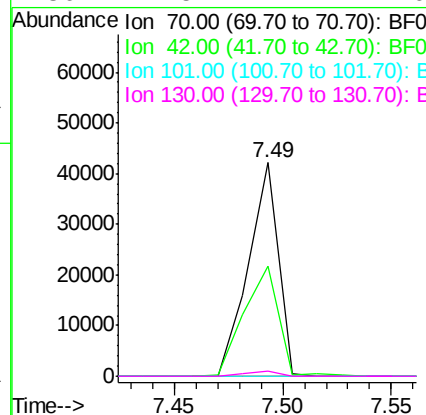
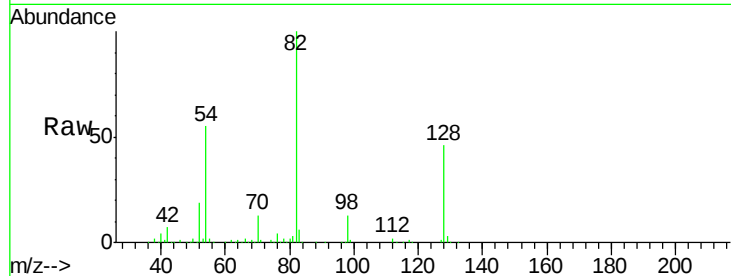




#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

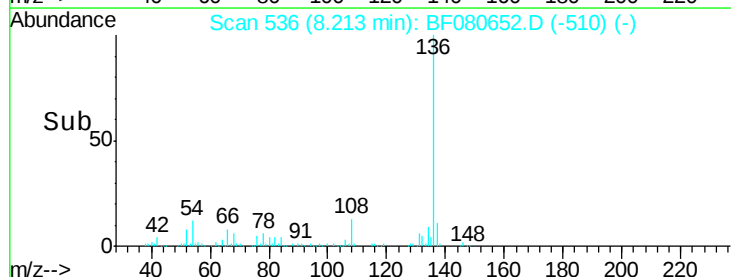
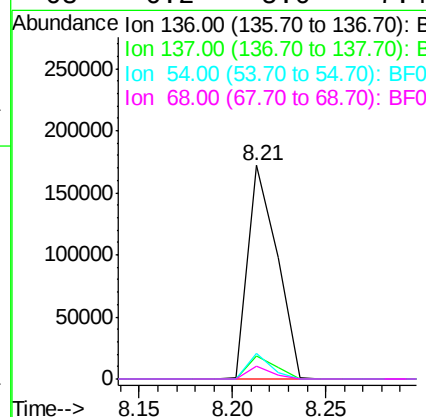
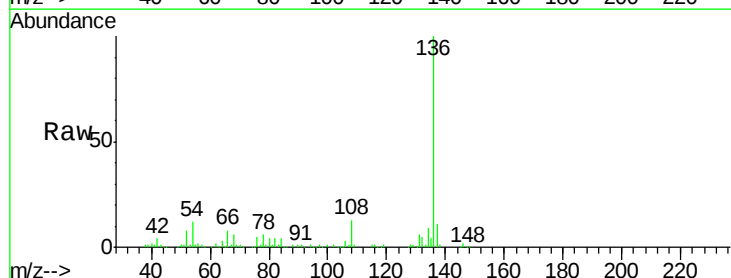
Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15

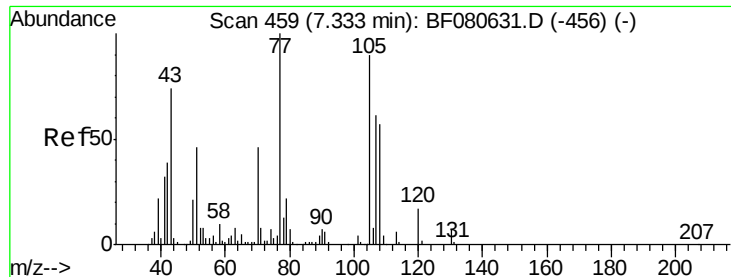
Tgt Ion: 70 Resp: 40218
Ion Ratio Lower Upper
70 100
42 51.8 67.8 101.8#
101 0.0 6.6 9.8#
130 2.5 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

Tgt Ion: 136 Resp: 186022
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 12.0 11.6 17.4
68 6.2 5.0 7.4





#22

Acetophenone

Concen: 3.71 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

Tgt Ion:105 Resp: 17902

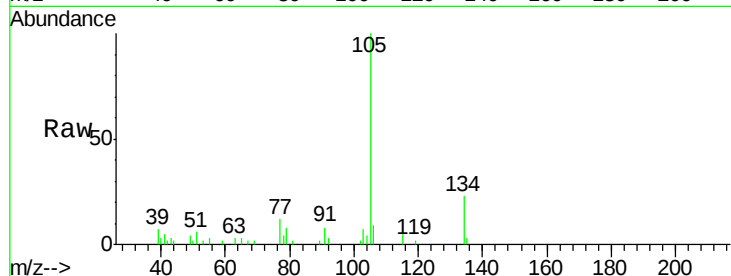
Ion Ratio Lower Upper

105 100

71 0.0 7.2 10.8#

51 6.3 40.8 61.2#

120 0.0 15.3 22.9#

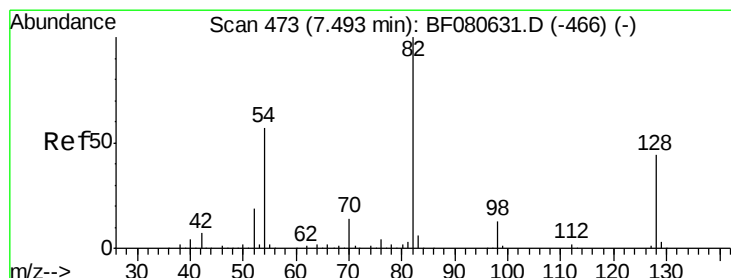
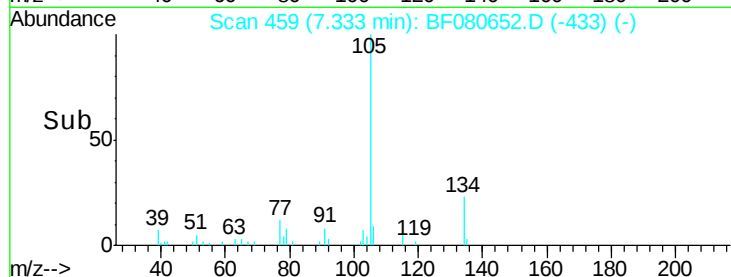
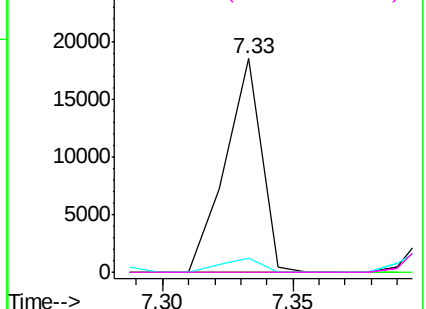


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.20 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

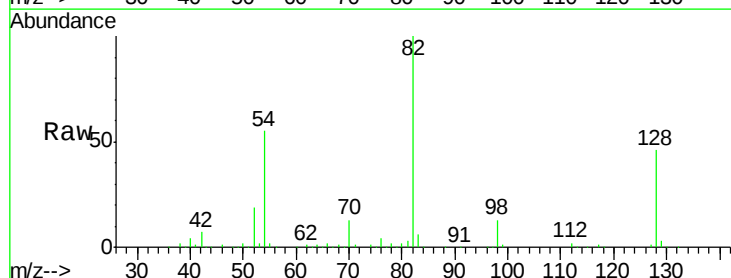
Tgt Ion: 82 Resp: 297047

Ion Ratio Lower Upper

82 100

128 45.5 34.8 52.2

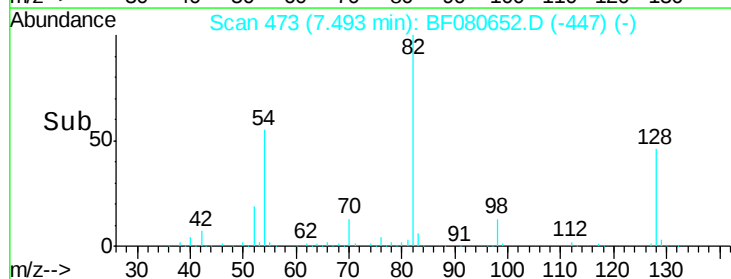
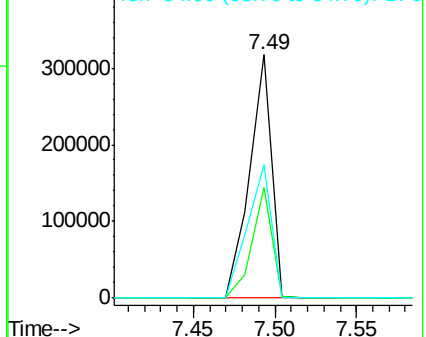
54 54.7 45.4 68.0

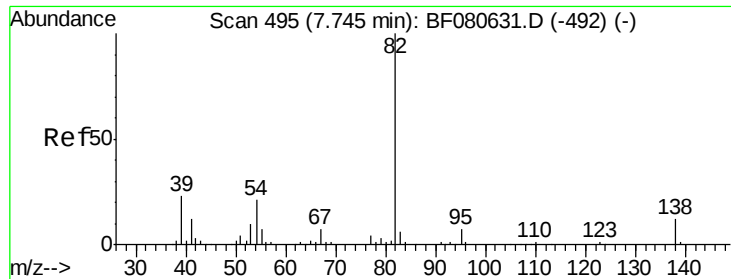


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.68 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

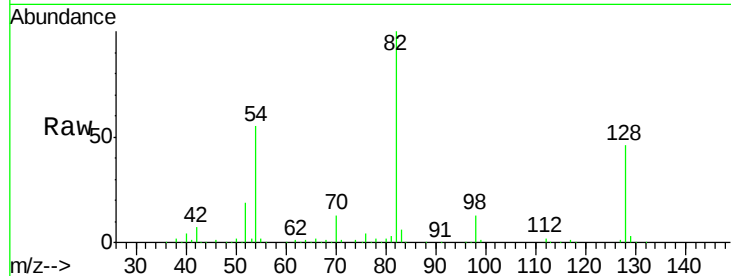
Tgt Ion: 82 Resp: 296726

Ion Ratio Lower Upper

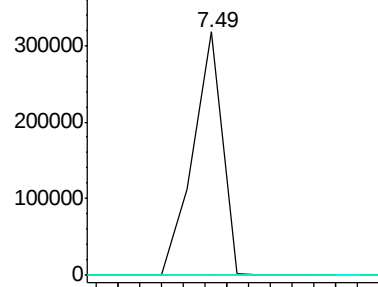
82 100

95 0.0 5.5 8.3#

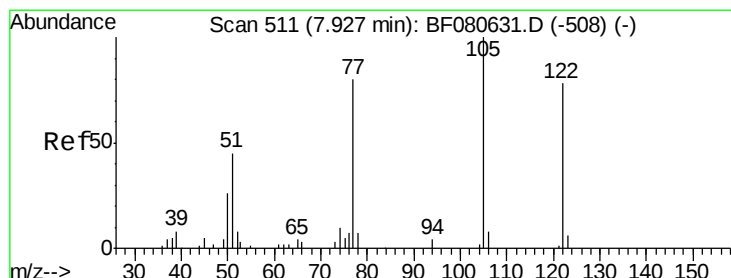
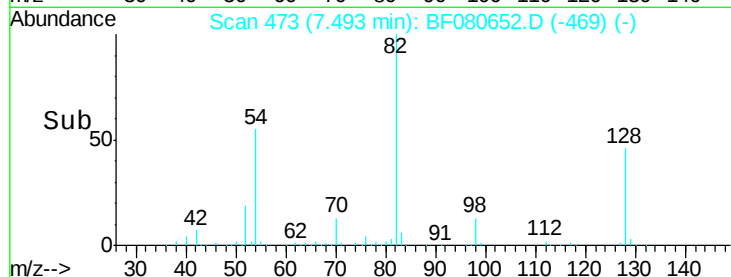
138 0.0 9.7 14.5#



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



Time-->



#32

Benzoic acid

Concen: 6.63 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.07 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

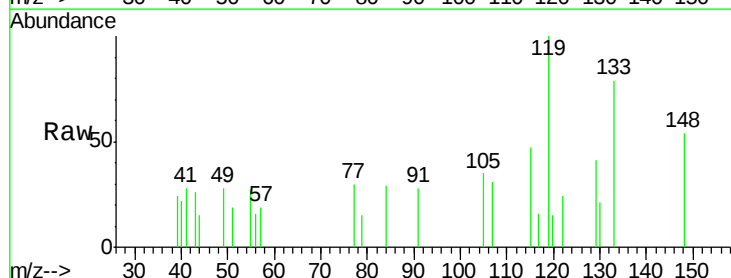
Tgt Ion: 122 Resp: 339

Ion Ratio Lower Upper

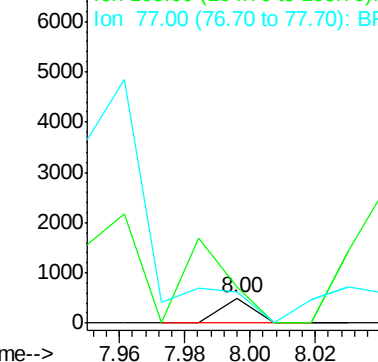
122 100

105 147.0 107.9 147.9

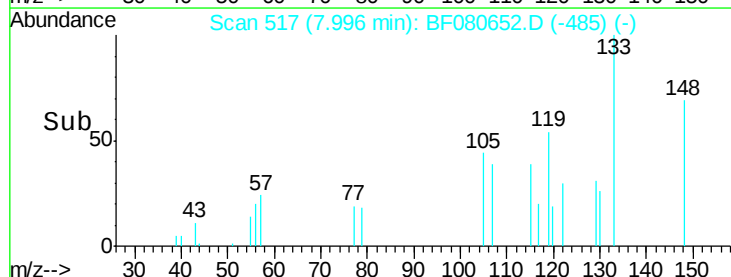
77 124.5 84.3 124.3#

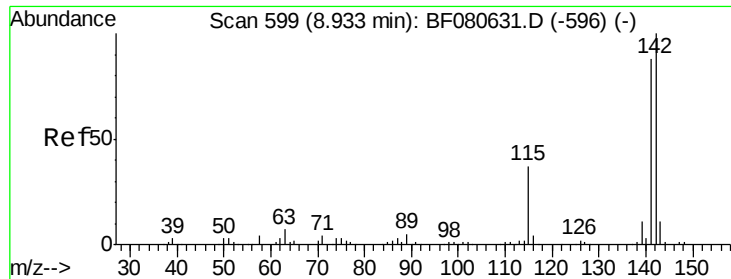


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



Time-->

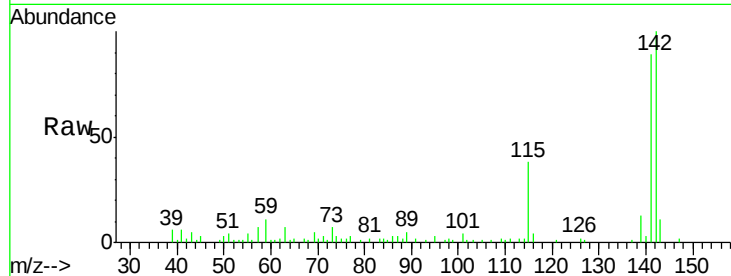




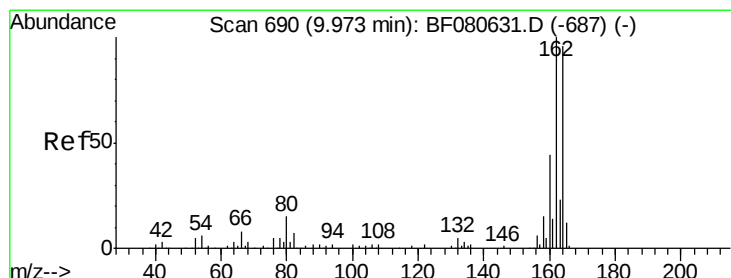
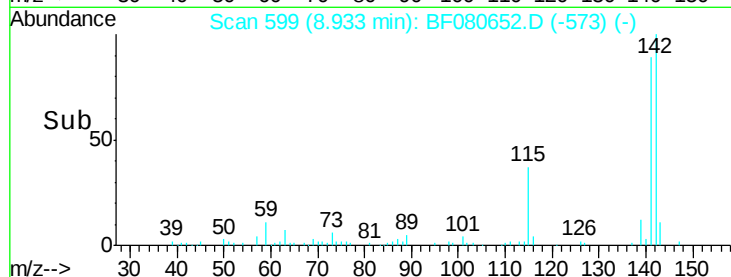
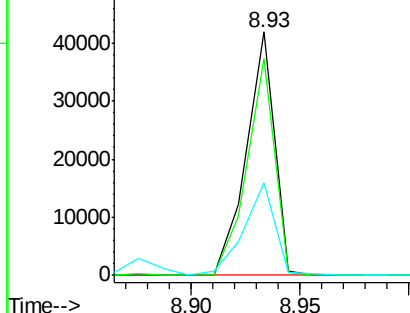
#37
2-Methylnaphthalene
Concen: 5.66 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

Instrument :
BNA_F
ClientSampled :
MW-6-7-22-15

Tgt Ion:142 Resp: 37600
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 37.8 29.3 43.9

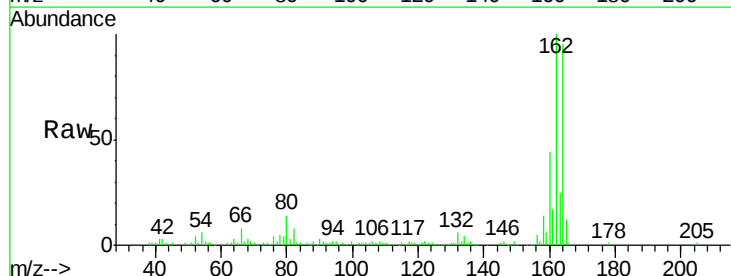


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

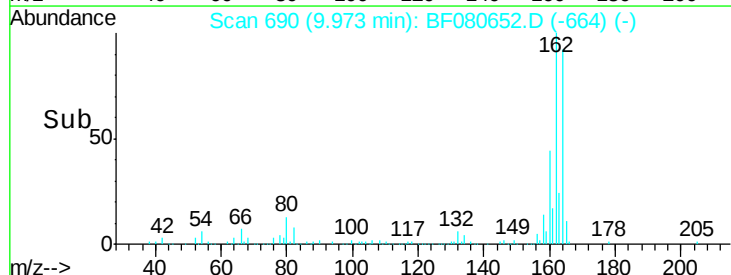
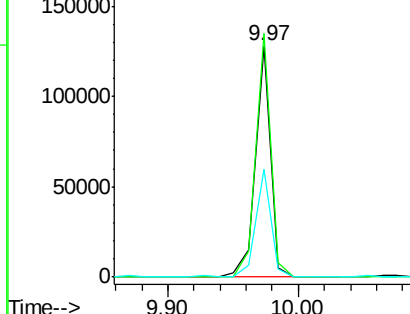


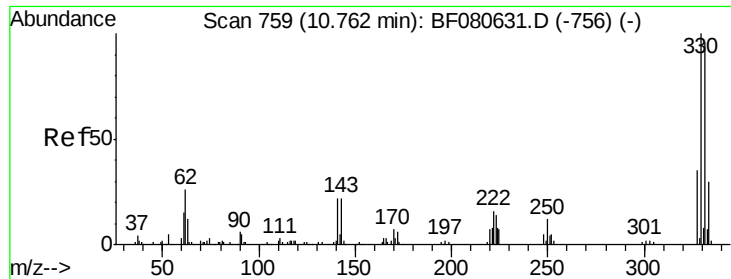
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

Tgt Ion:164 Resp: 104098
Ion Ratio Lower Upper
164 100
162 105.4 83.3 124.9
160 46.7 36.9 55.3



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

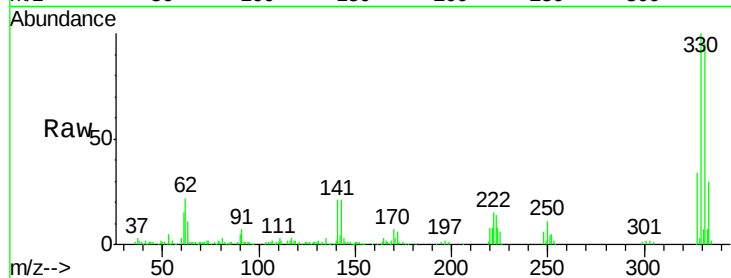




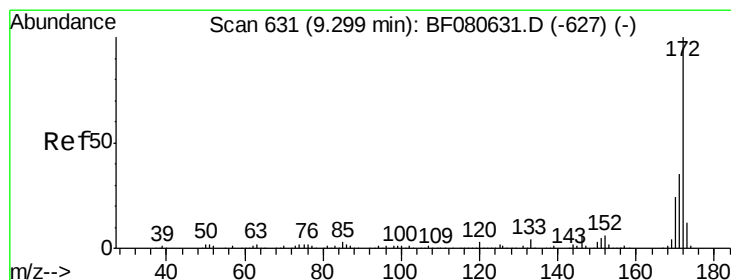
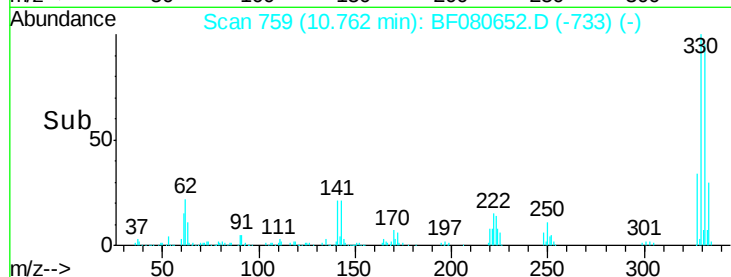
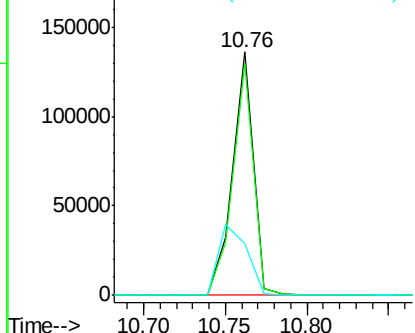
#41
 2,4,6-Tribromophenol
 Concen: 127.01 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Tgt Ion:330 Resp: 118785
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 41.1 32.7 49.1

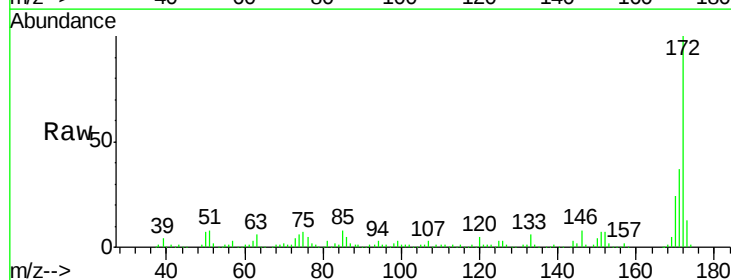


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

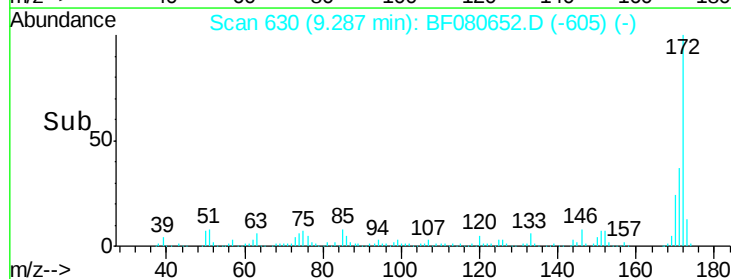
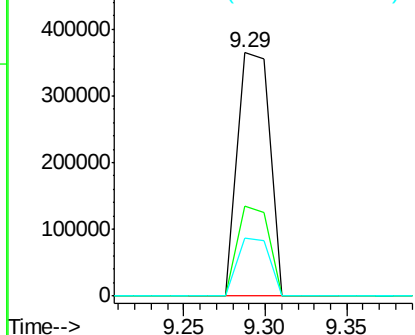


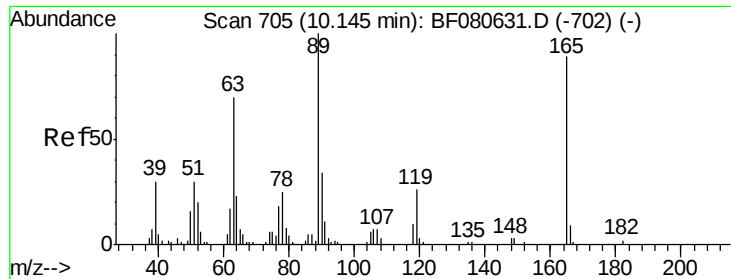
#44
 2-Fluorobiphenyl
 Concen: 73.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Tgt Ion:172 Resp: 495129
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.7 41.5
 170 24.0 19.0 28.4



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

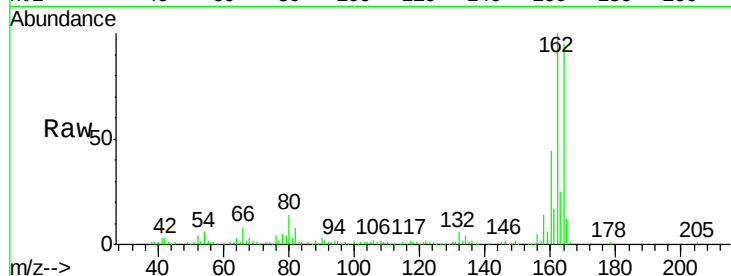




#56
 2,4-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-7-22-15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.6	63.0	94.4#
89	3.8	90.2	135.2#
182	0.0	1.6	2.4#

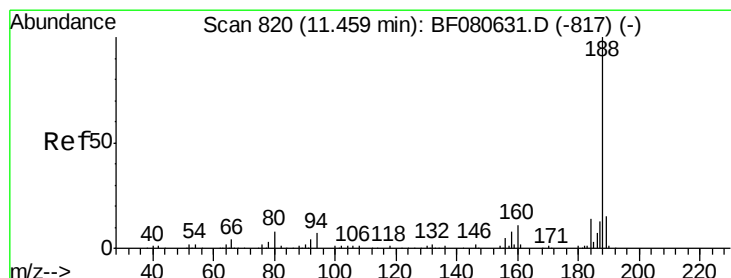
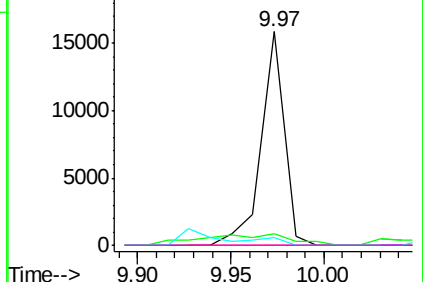
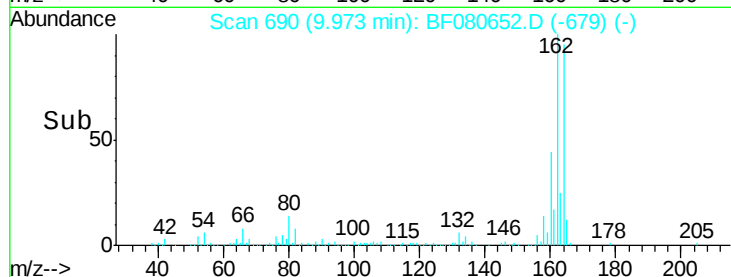


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

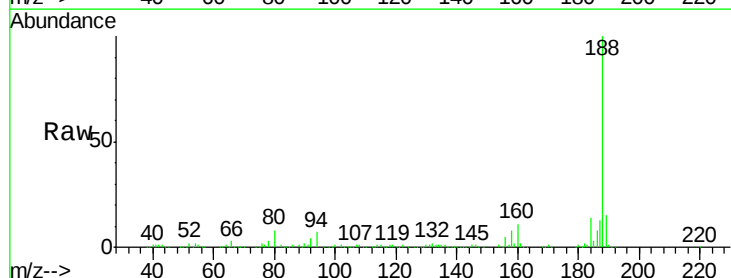
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080652.D
 Acq: 25 Jul 2015 6:01

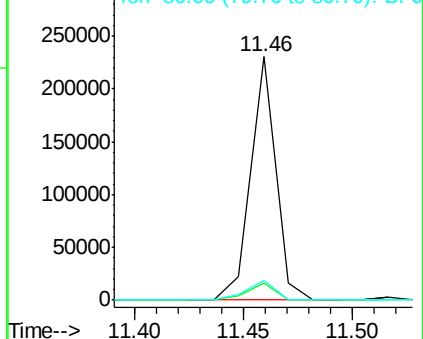
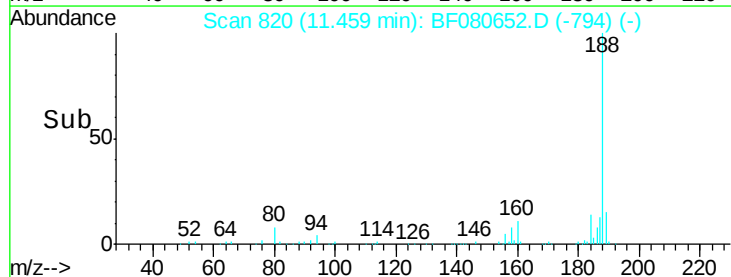
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.6	8.4
80	8.3	6.1	9.1

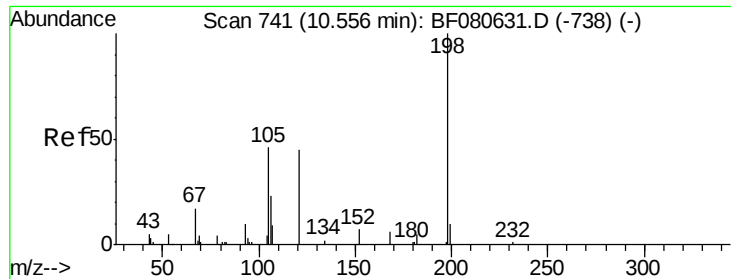


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.75 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

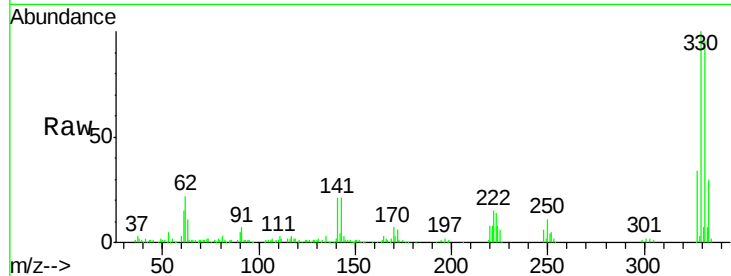
Tgt Ion:198 Resp: 446

Ion Ratio Lower Upper

198 100

51 224.0 31.1 71.1#

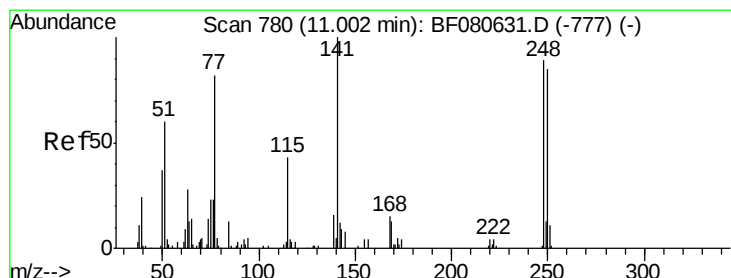
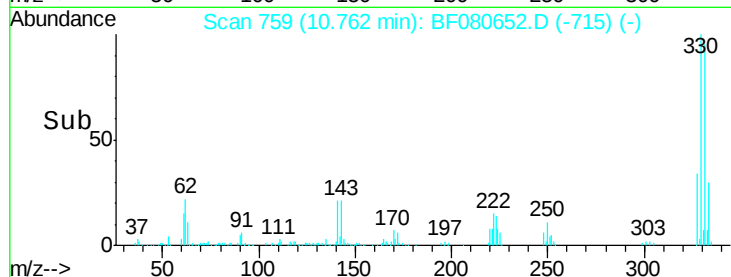
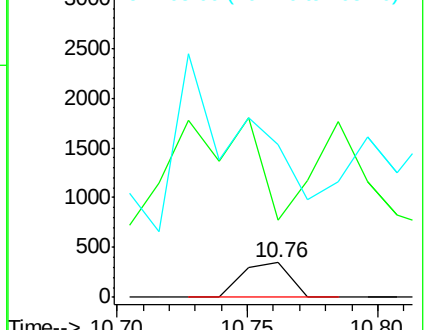
105 442.8 28.6 68.6#



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: 4.60 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.24 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

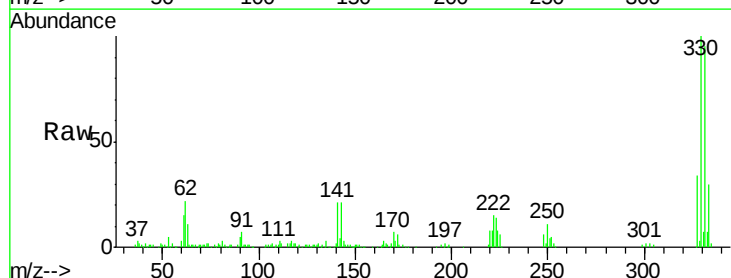
Tgt Ion:248 Resp: 8026

Ion Ratio Lower Upper

248 100

250 205.6 76.6 114.8#

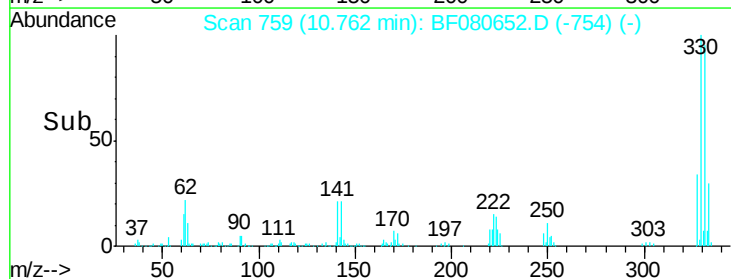
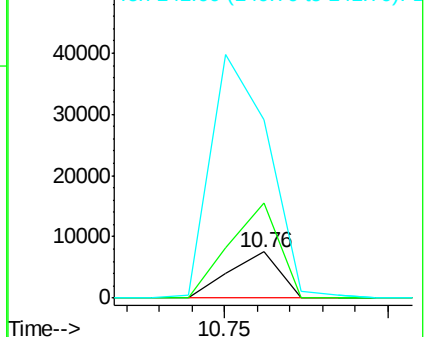
141 385.2 90.0 135.0#

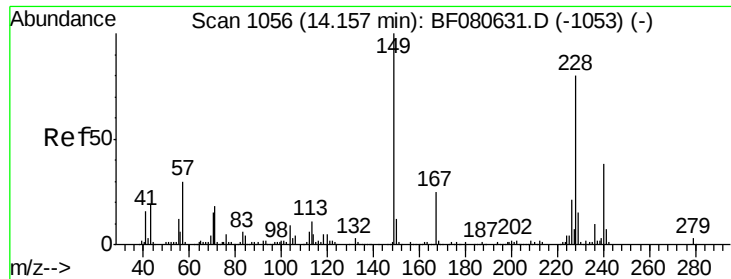


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

Instrument :

BNA_F

ClientSampleId :

MW-6-7-22-15

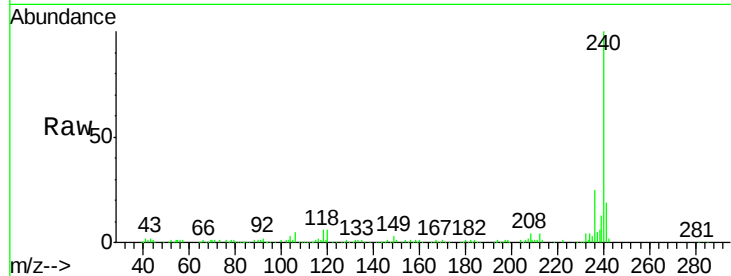
Tgt Ion:240 Resp: 173735

Ion Ratio Lower Upper

240 100

120 6.3 10.8 16.2#

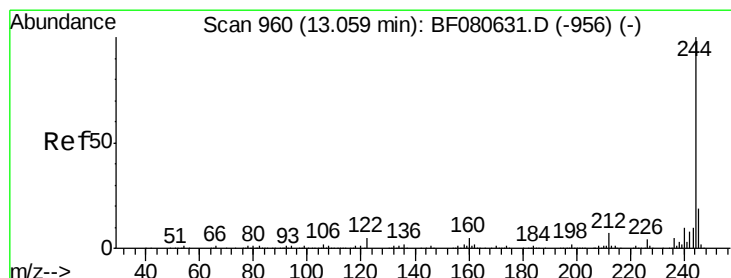
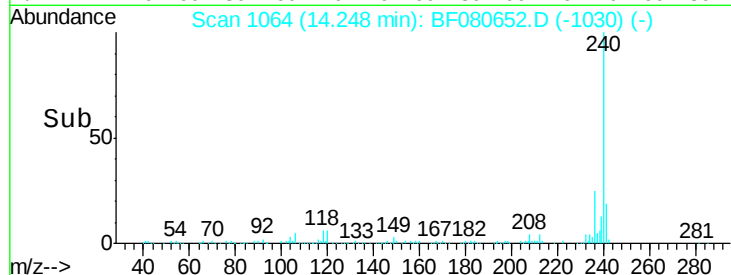
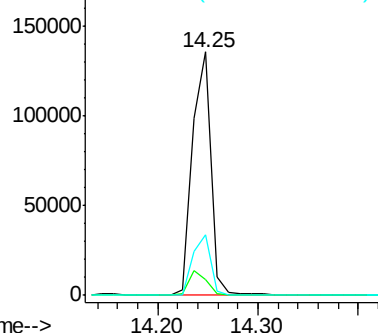
236 24.9 20.3 30.5



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: 71.68 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080652.D

Acq: 25 Jul 2015 6:01

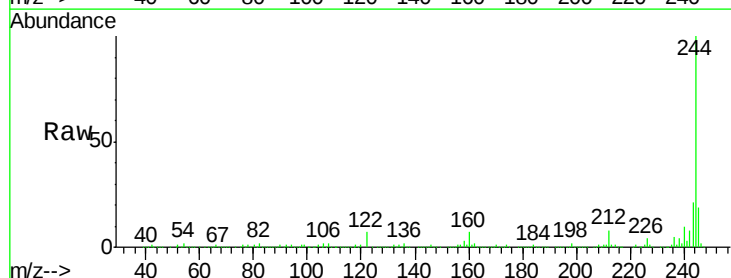
Tgt Ion:244 Resp: 578338

Ion Ratio Lower Upper

244 100

212 7.5 5.2 7.8

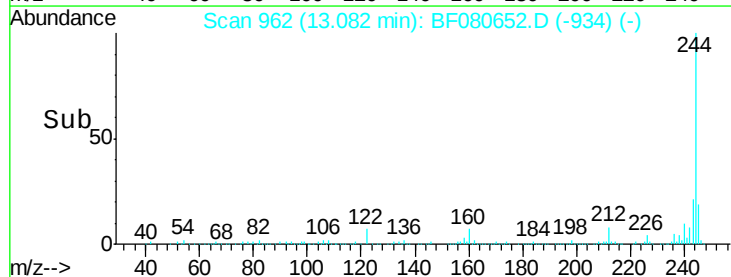
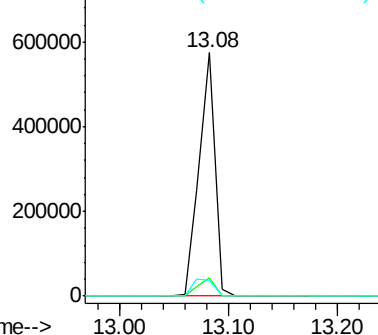
122 6.6 4.1 6.1#

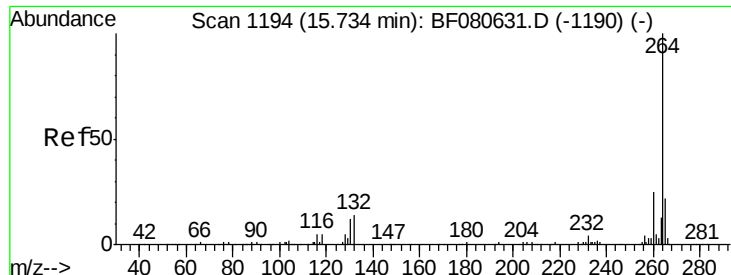


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.91 min Scan# 1209
Delta R.T. 0.17 min
Lab File: BF080652.D
Acq: 25 Jul 2015 6:01

Instrument :
BNA_F
ClientSampleId :
MW-6-7-22-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.8	17.4	26.0

