

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087958.D
 Acq On : 12 Jun 2016 20:01
 Operator : UM/SJ
 Sample : H3440-07
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Jun 13 05:00:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

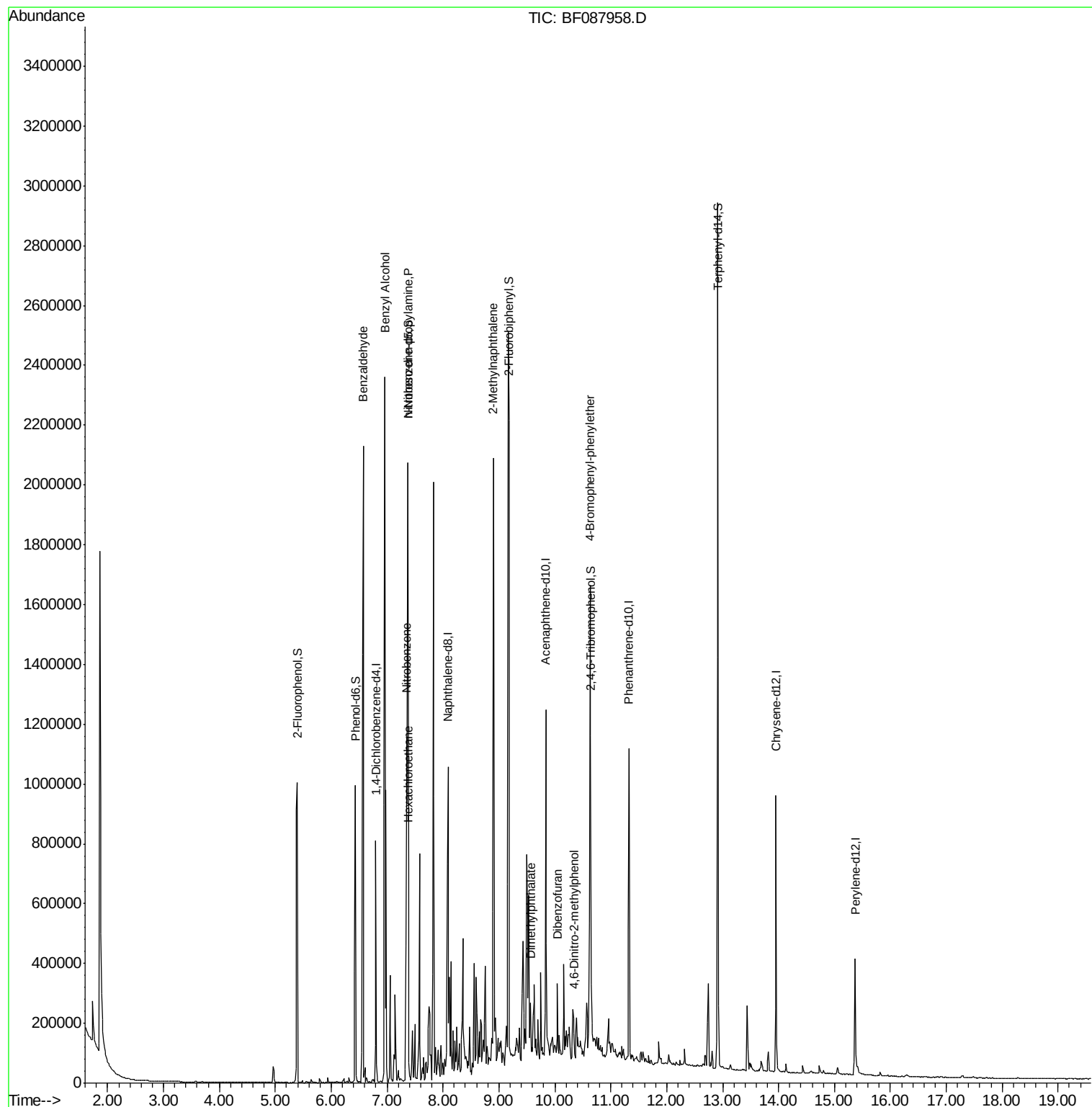
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116317	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473718	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	213641	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	419163	20.00	ng	0.00
75) Chrysene-d12	13.95	240	311055	20.00	ng	-0.01
86) Perylene-d12	15.37	264	240868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	431445	63.41	ng	0.00
7) Phenol-d6	6.43	99	377858	45.82	ng	-0.01
23) Nitrobenzene-d5	7.37	82	664096	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	295289	130.90	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1300667	96.38	ng	0.00
78) Terphenyl-d14	12.91	244	1025582	75.03	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	16171	2.78	ng	# 77
10) Phenol	6.44	94	1373	Below	Cal	# 88
15) Benzyl Alcohol	6.96	79	13058	2.02	ng	# 35
18) Hexachloroethane	7.38	117	261816	84.77	ng	# 46
19) n-Nitroso-di-n-propylamine	7.37	70	90677	17.19	ng	# 73
24) Nitrobenzene	7.35	77	36766	4.68	ng	# 15
37) 2-Methylnaphthalene	8.90	142	558225	36.13	ng	# 93
45) 1,1'-Biphenyl	9.37	154	977	Below	Cal	# 1
49) Dimethylphthalate	9.56	163	78918	5.10	ng	# 99
54) Dibenzofuran	10.04	168	37810	2.00	ng	# 85
57) Fluorene	10.39	166	28045	Below	Cal	# 94
64) 4,6-Dinitro-2-methylphenol	10.34	198	1270	2.63	ng	# 54
66) 4-Bromophenyl-phenylether	10.63	248	17956	3.99	ng	# 1

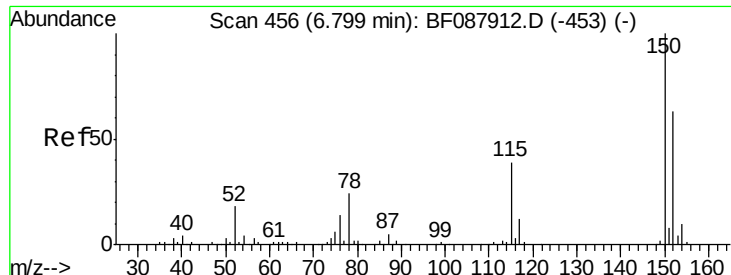
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

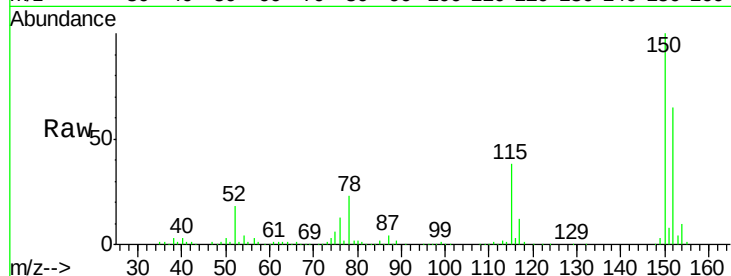
Tgt Ion:152 Resp: 116317

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

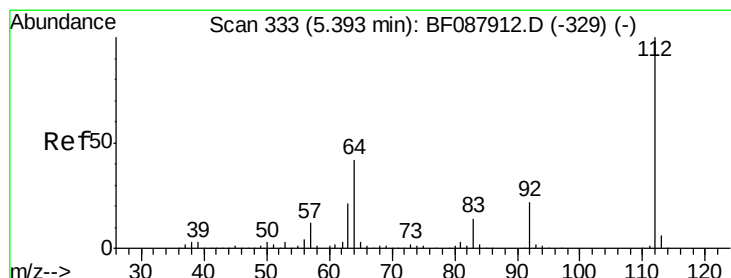
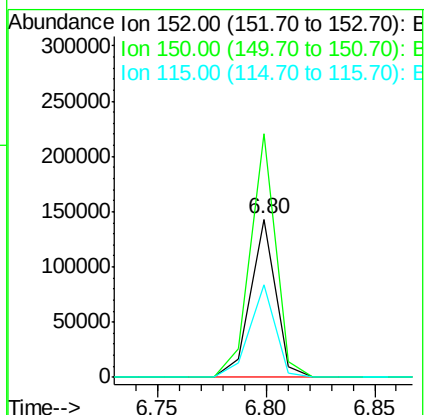
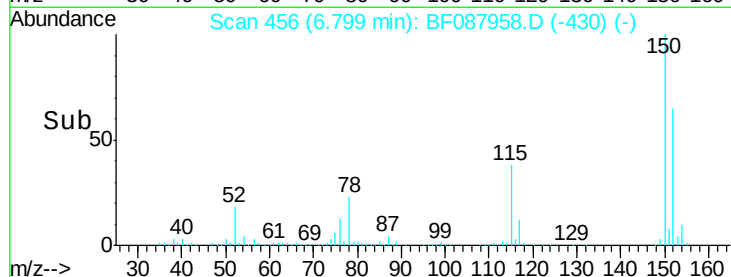
115 58.7 39.6 59.4



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: 63.41 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

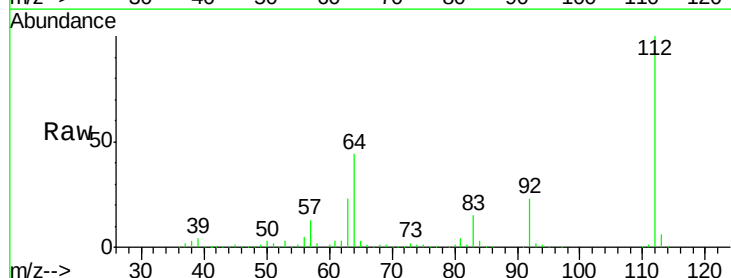
Tgt Ion:112 Resp: 431445

Ion Ratio Lower Upper

112 100

64 44.4 42.2 63.2

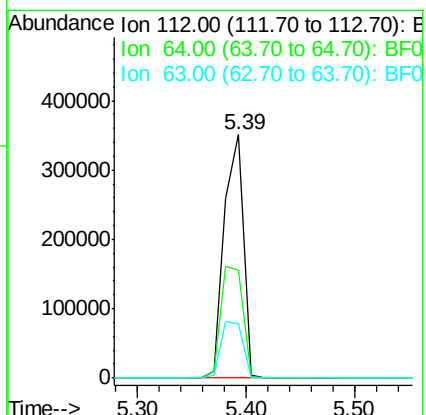
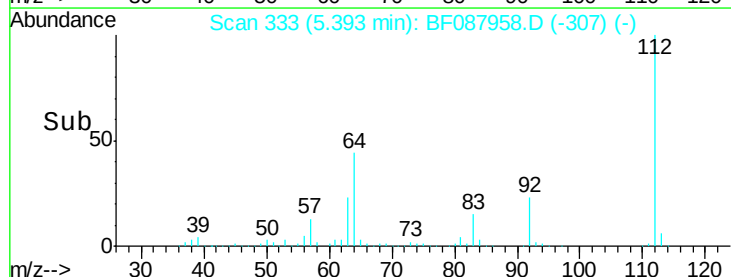
63 22.5 21.8 32.8

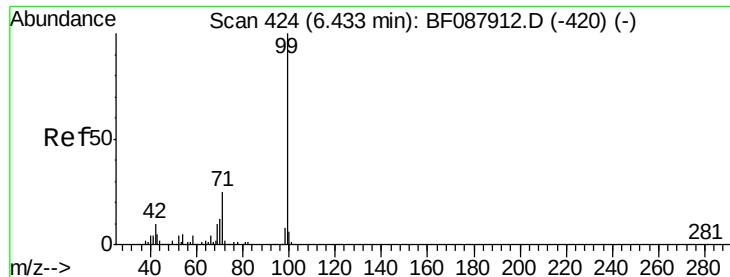


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.82 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampled :

W-13

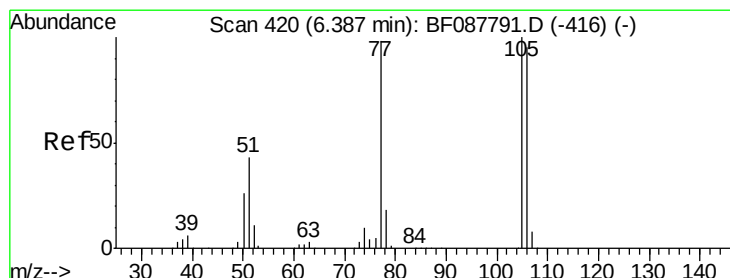
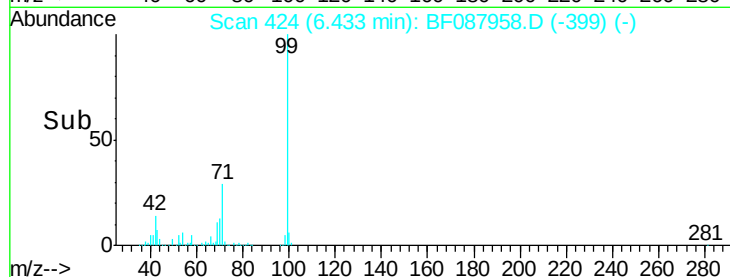
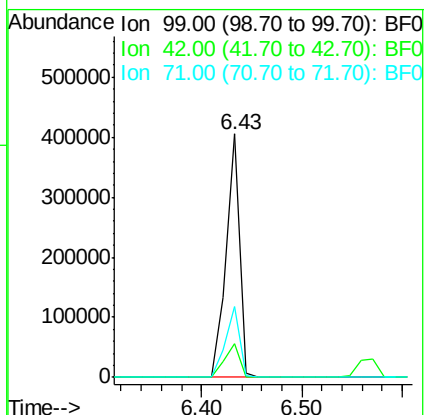
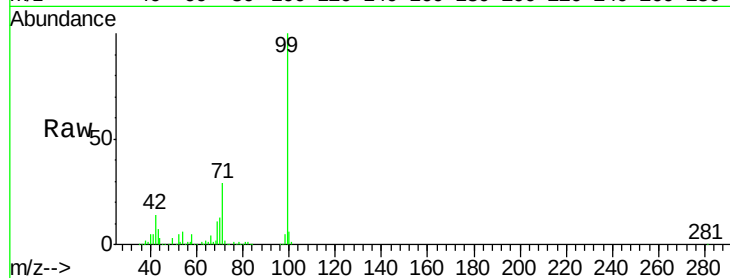
Tgt Ion: 99 Resp: 377858

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

71 28.9 23.4 35.0



#9

Benzaldehyde

Concen: 2.78 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

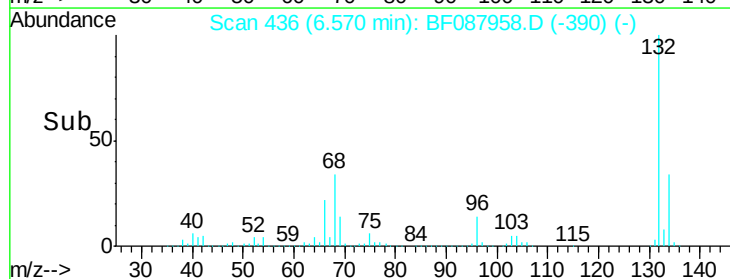
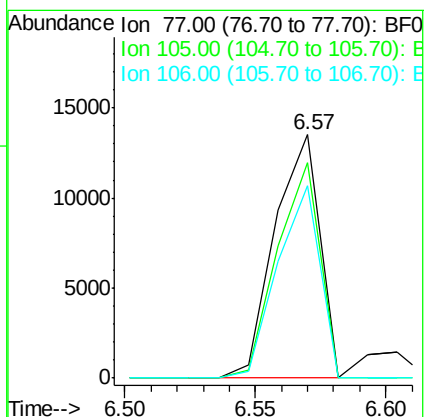
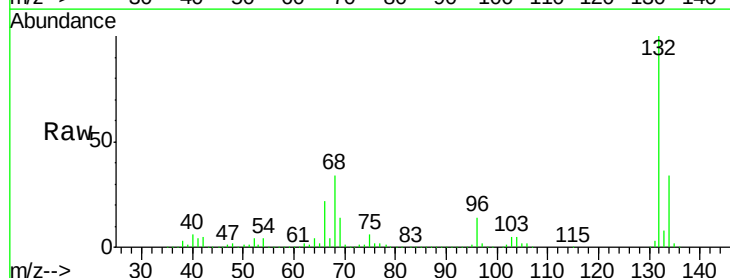
Tgt Ion: 77 Resp: 16171

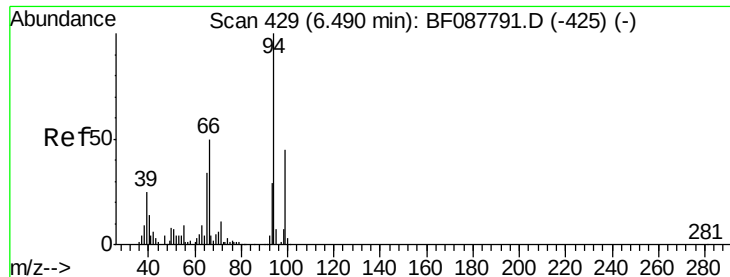
Ion Ratio Lower Upper

77 100

105 88.6 90.6 130.6#

106 79.2 85.3 125.3#





#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

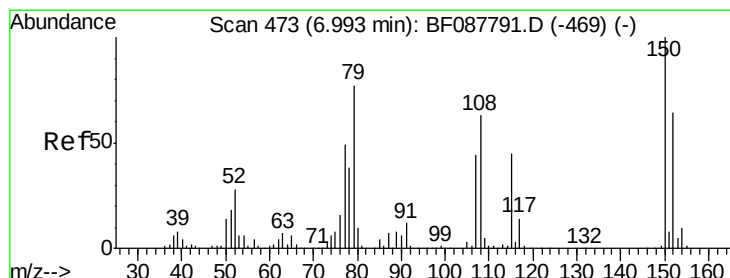
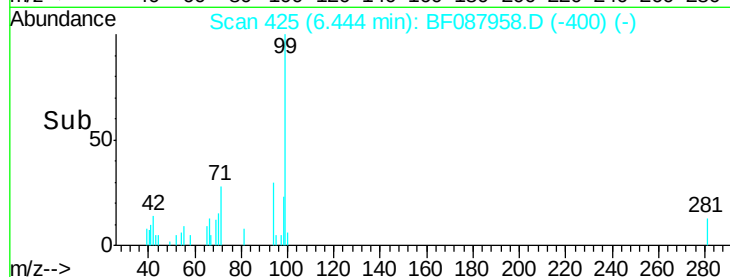
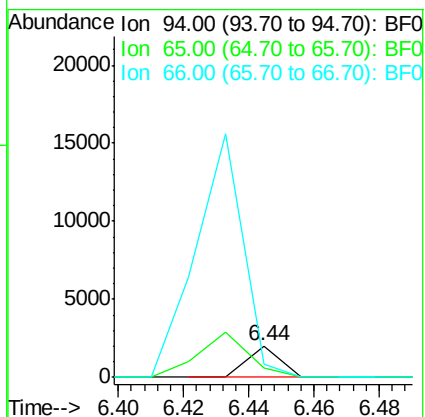
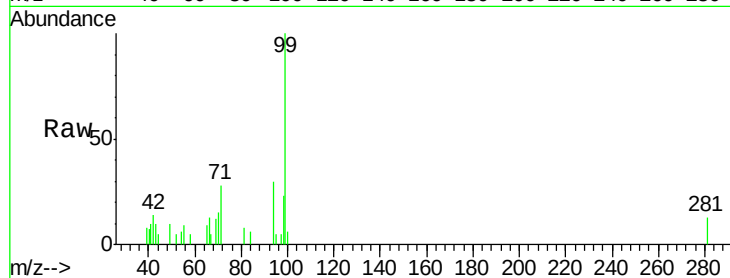
Tgt Ion: 94 Resp: 1373

Ion Ratio Lower Upper

94 100

65 30.6 5.9 45.9

66 42.3 14.0 54.0



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

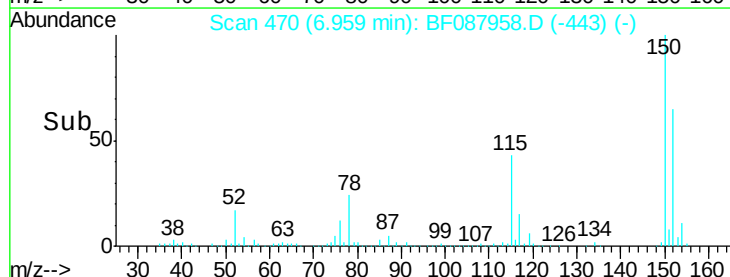
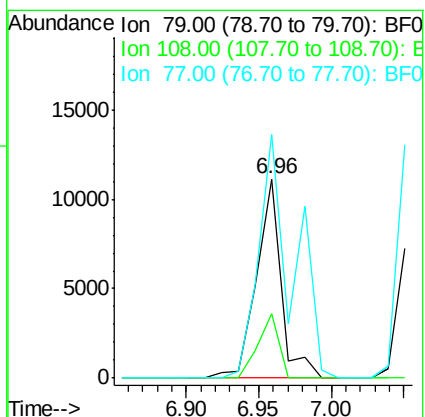
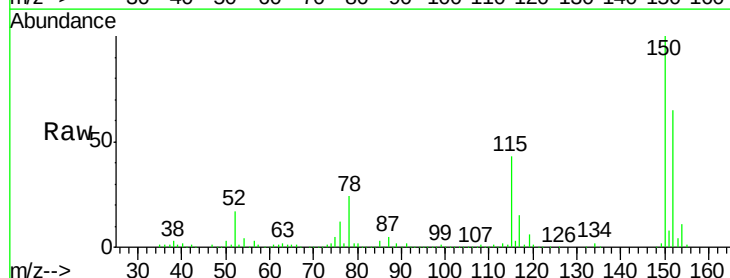
Tgt Ion: 79 Resp: 13058

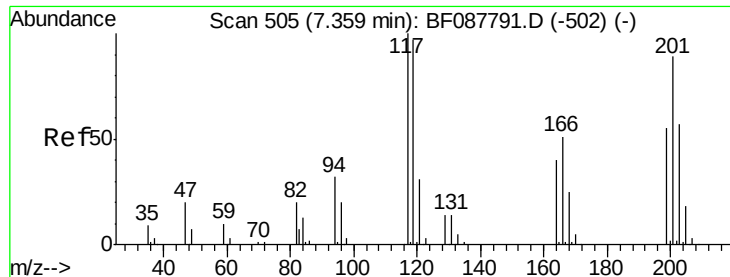
Ion Ratio Lower Upper

79 100

108 32.0 65.0 97.6#

77 122.1 50.3 75.5#

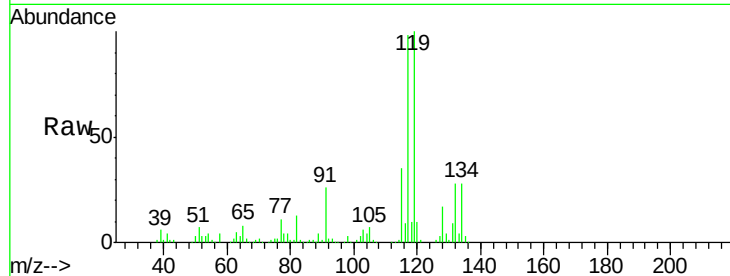




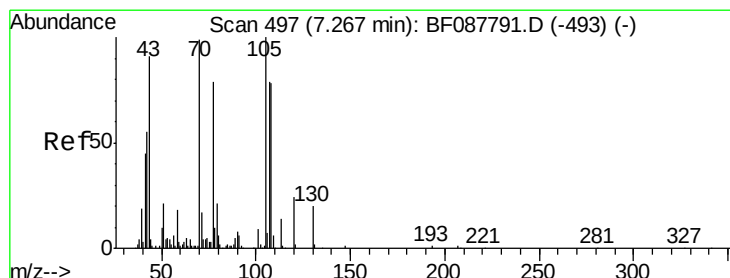
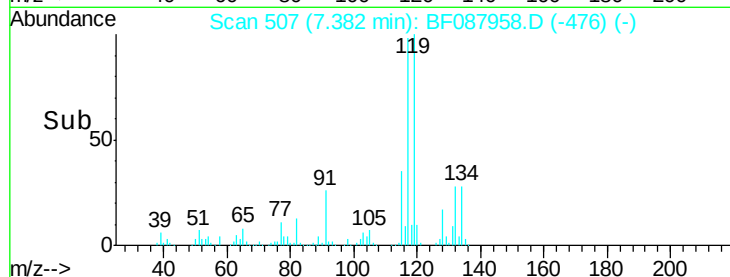
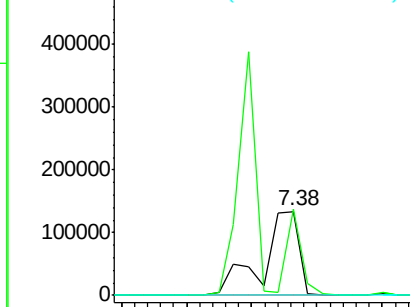
#18
Hexachloroethane
Concen: 84.77 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.06 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampled :
W-13

Tgt Ion:117 Resp: 261816
Ion Ratio Lower Upper
117 100
119 101.9 77.4 116.2
201 0.0 80.4 120.6#

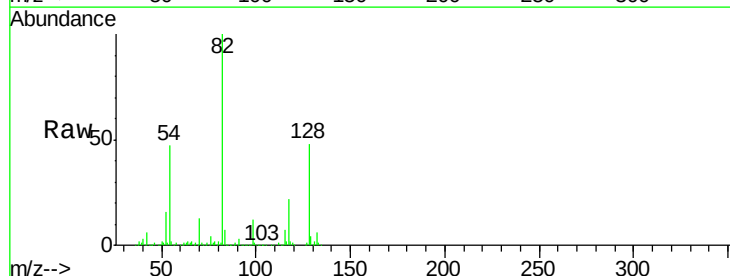


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

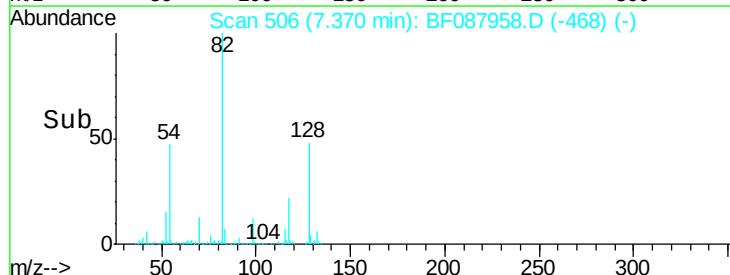
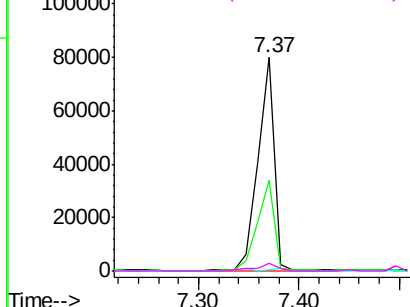


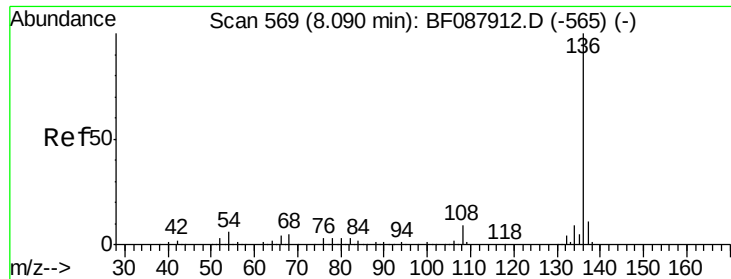
#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion: 70 Resp: 90677
Ion Ratio Lower Upper
70 100
42 42.3 49.6 74.4#
101 0.8 7.1 10.7#
130 3.4 15.4 23.2#



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: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

Tgt Ion:136 Resp: 473718

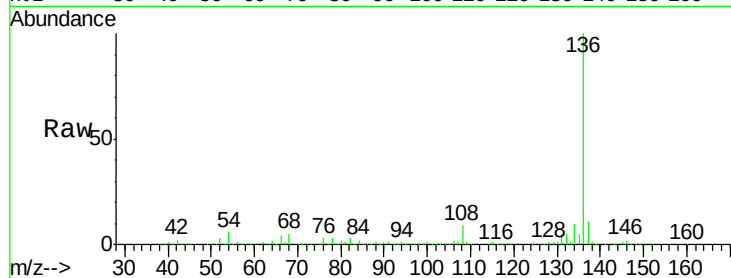
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.1 6.6 10.0#

68 5.3 5.1 7.7

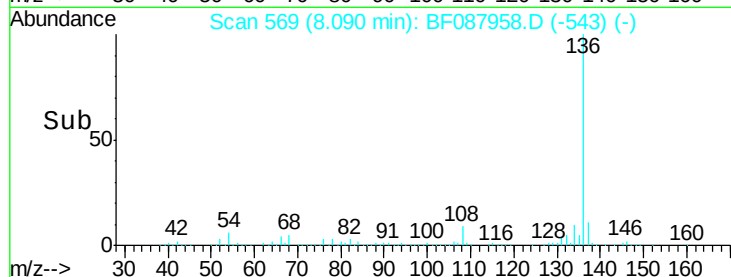


Abundance Ion 136.00 (135.70 to 136.70): E

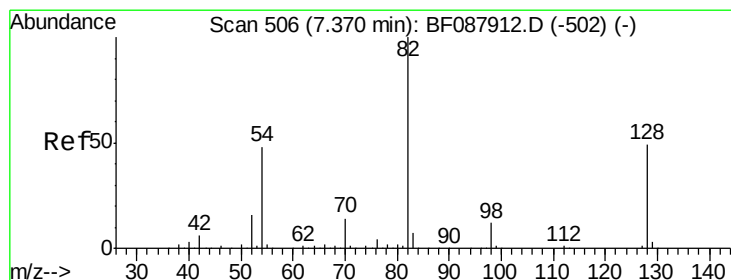
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 81.86 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

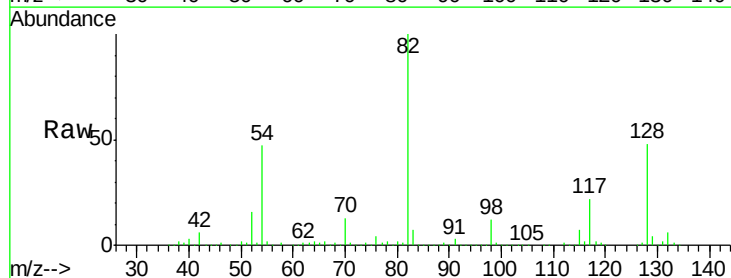
Tgt Ion: 82 Resp: 664096

Ion Ratio Lower Upper

82 100

128 48.4 35.9 53.9

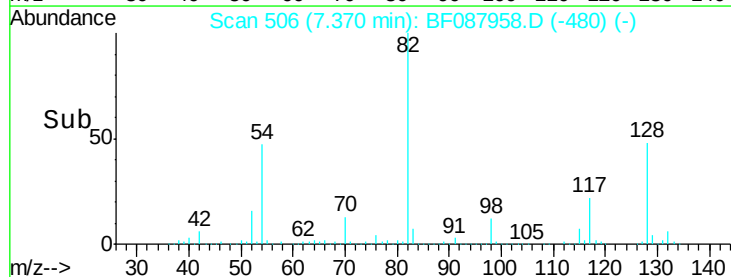
54 47.1 40.9 61.3



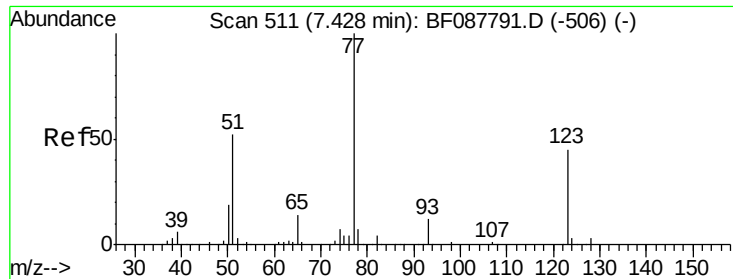
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



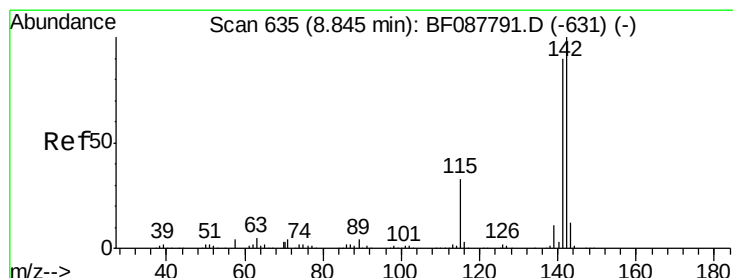
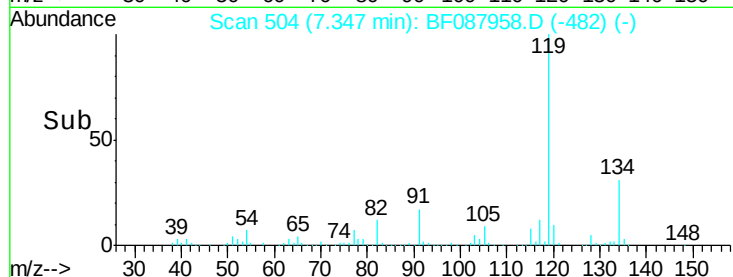
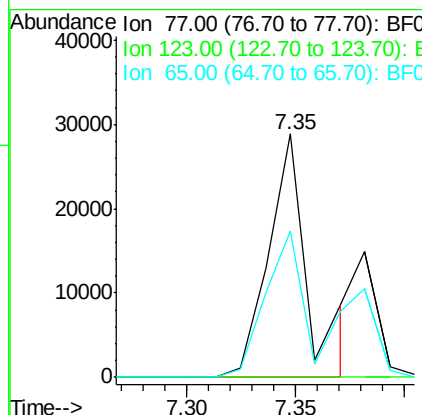
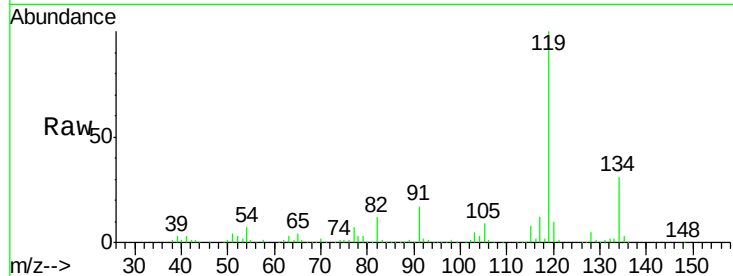
Time-->



#24
 Nitrobenzene
 Concen: 4.68 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

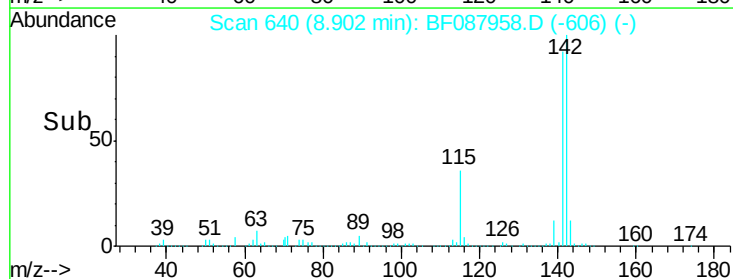
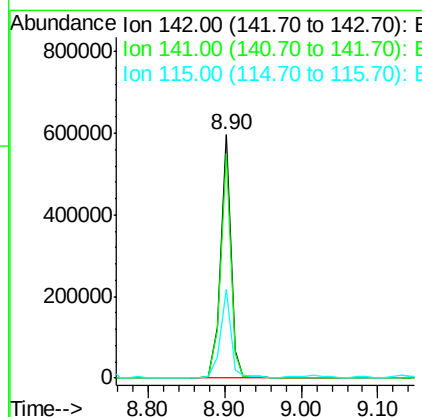
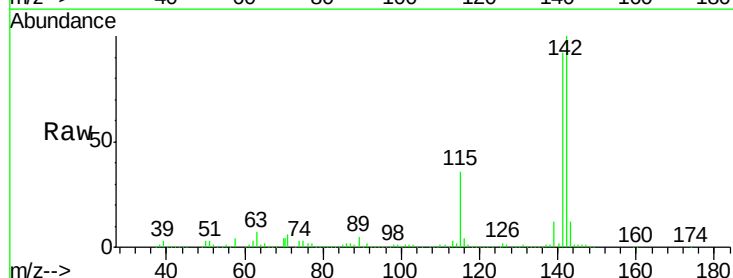
Instrument :
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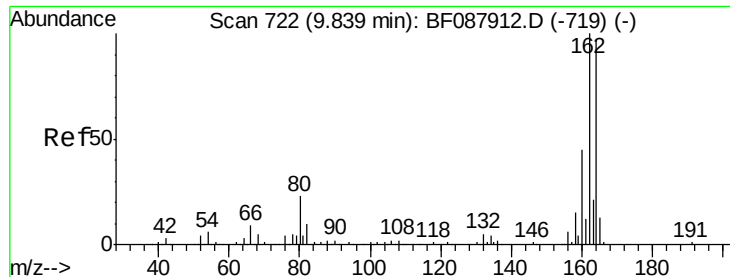
Tgt Ion: 77 Resp: 36766
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.0 67.4#
 65 60.1 10.2 15.2#



#37
 2-Methylnaphthalene
 Concen: 36.13 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.09 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Tgt Ion: 142 Resp: 558225
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.0 106.6
 115 36.3 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

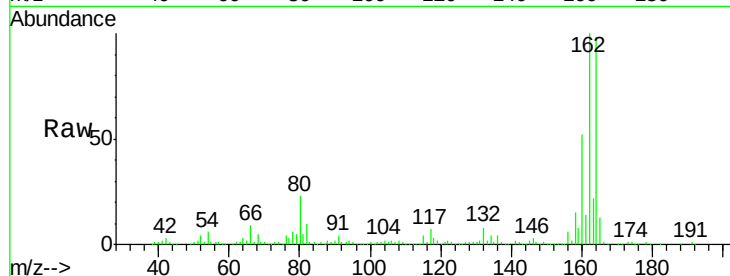
Tgt Ion:164 Resp: 213641

Ion Ratio Lower Upper

164 100

162 102.0 85.4 128.2

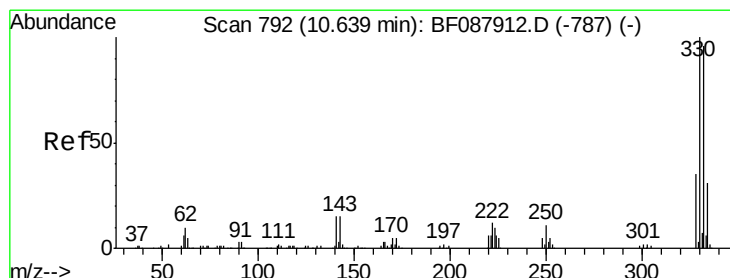
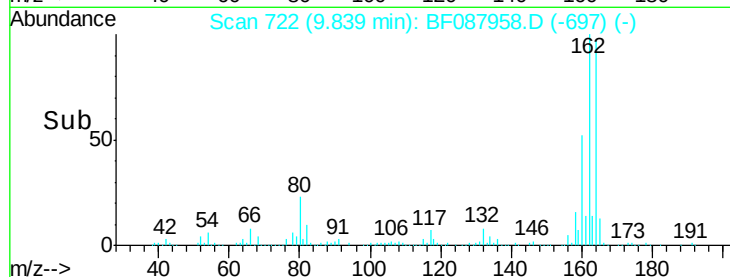
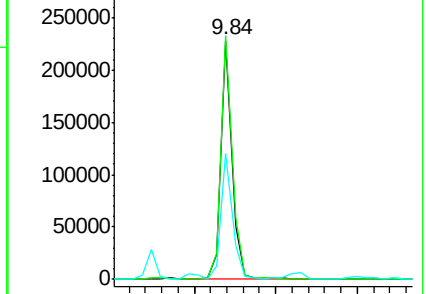
160 52.9 39.5 59.3



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: 130.90 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

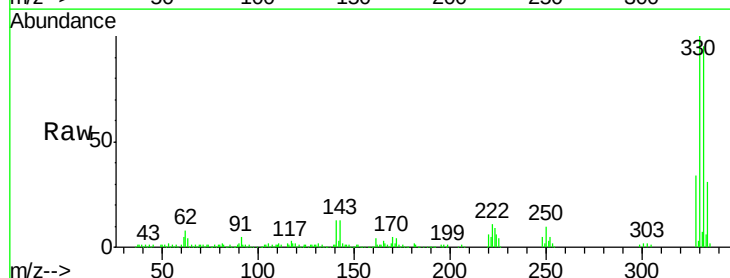
Tgt Ion:330 Resp: 295289

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

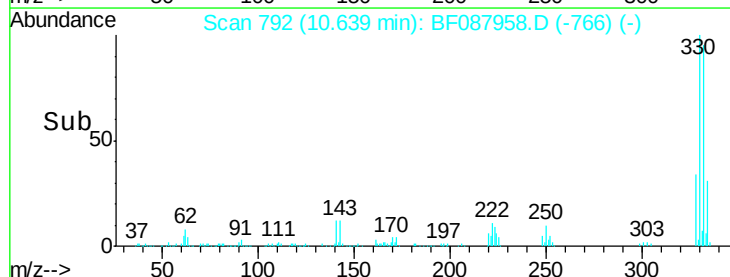
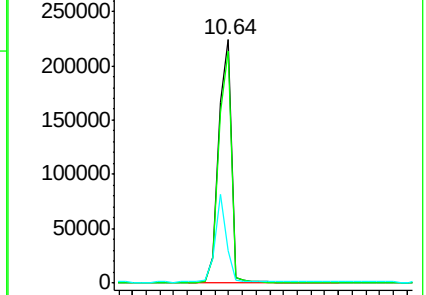
141 32.2 0.0 0.0#

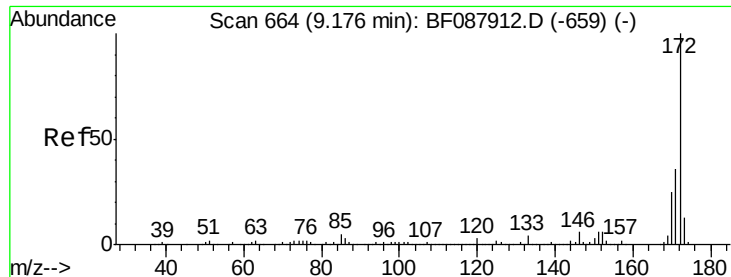


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

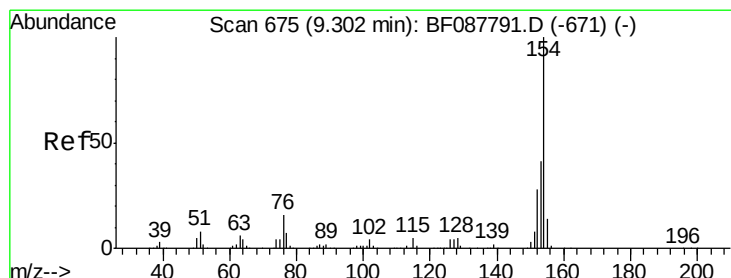
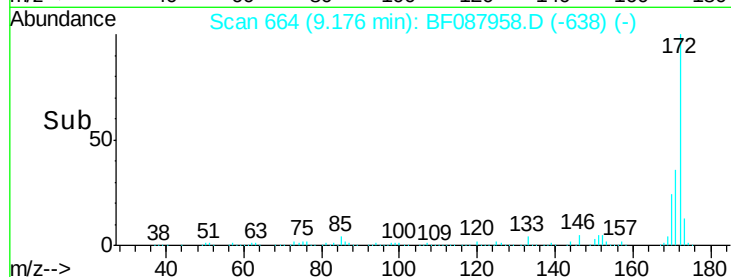
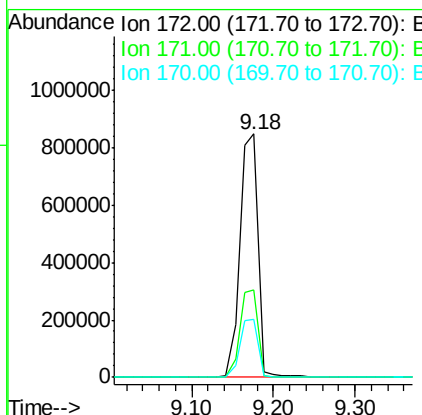
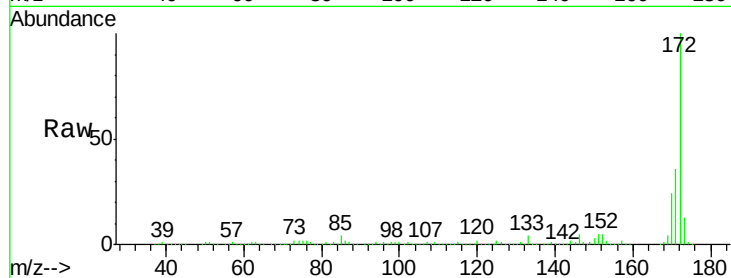




#44
 2-Fluorobiphenyl
 Concen: 96.38 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

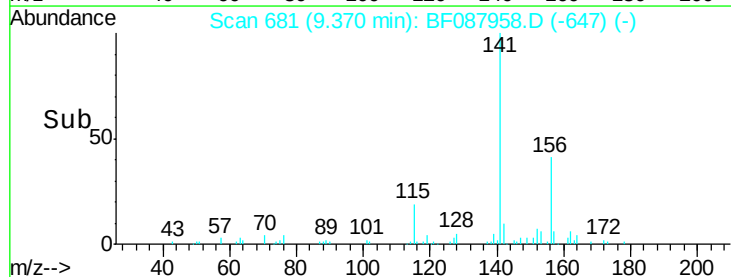
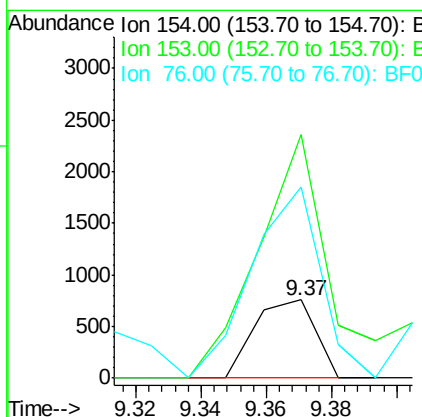
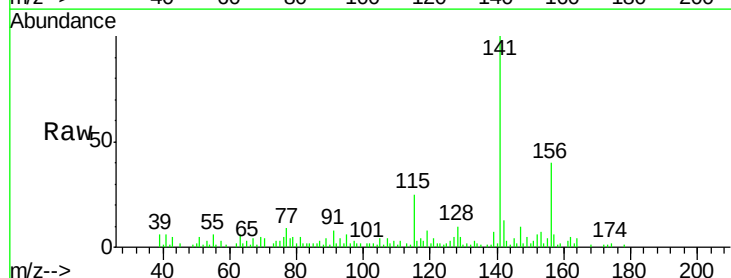
Instrument :
 BNA_F
 ClientSampleId :
 W-13

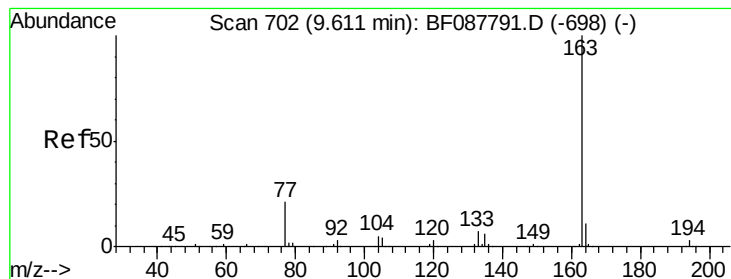
Tgt Ion:172 Resp: 1300667
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.37 min Scan# 681
 Delta R.T. 0.09 min
 Lab File: BF087958.D
 Acq: 12 Jun 2016 20:01

Tgt Ion:154 Resp: 977
 Ion Ratio Lower Upper
 154 100
 153 310.8 20.6 60.6#
 76 244.7 0.0 35.1#





#49

Dimethylphthalate

Concen: 5.10 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

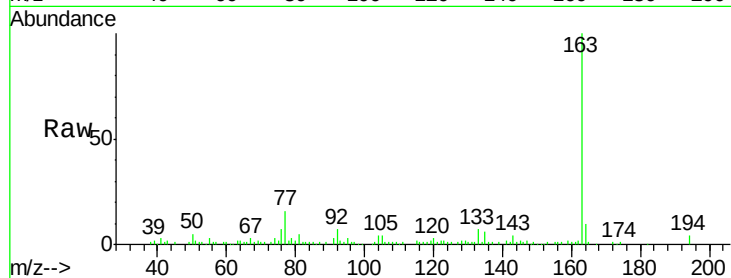
Tgt Ion:163 Resp: 78918

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

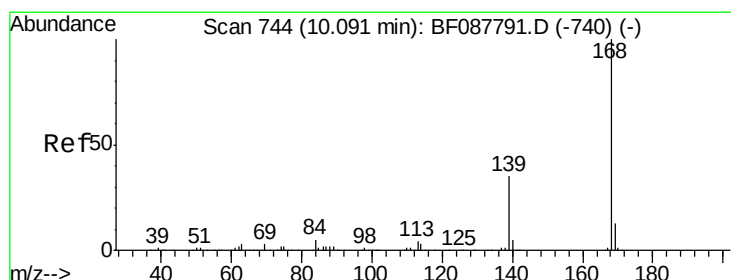
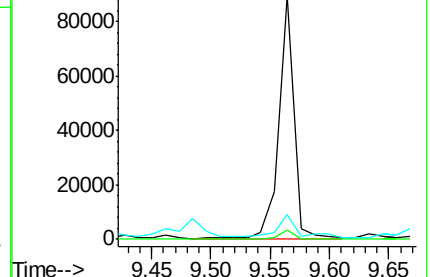
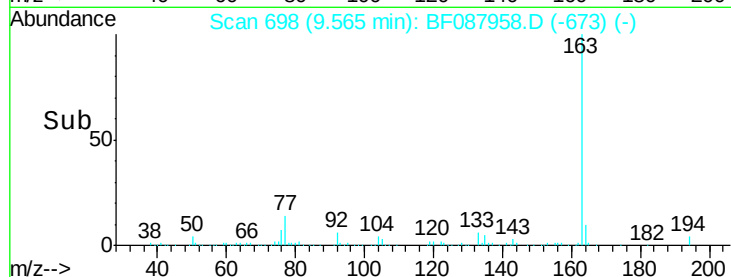
164 10.0 8.3 12.5



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



#54

Dibenzofuran

Concen: 2.00 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

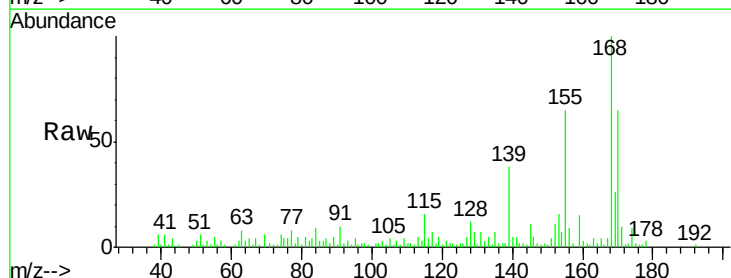
Tgt Ion:168 Resp: 37810

Ion Ratio Lower Upper

168 100

139 37.9 26.4 39.6

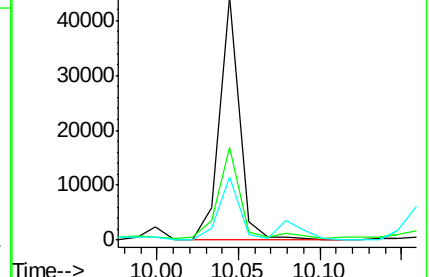
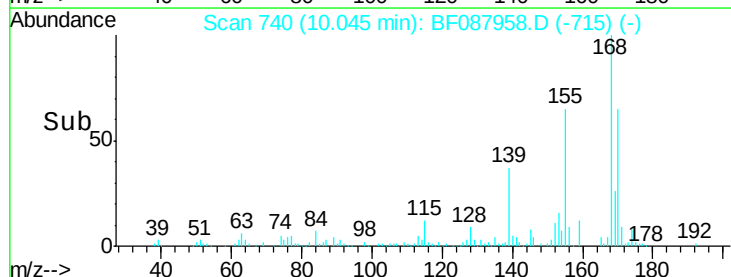
169 25.8 10.4 15.6#

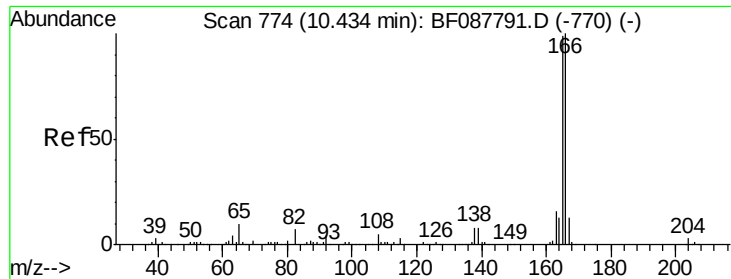


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

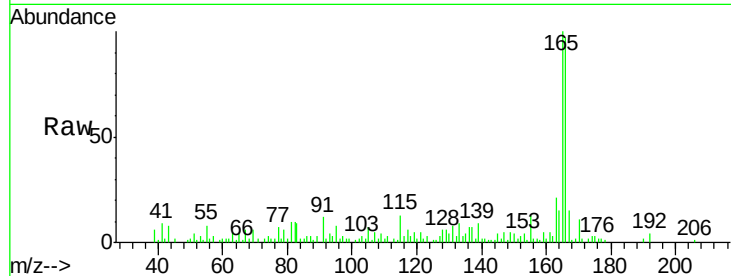
Tgt Ion:166 Resp: 28045

Ion Ratio Lower Upper

166 100

165 103.1 77.8 116.8

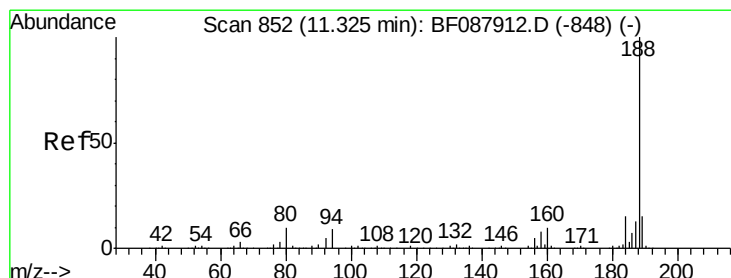
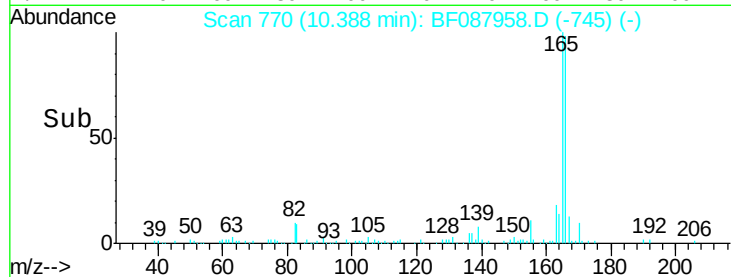
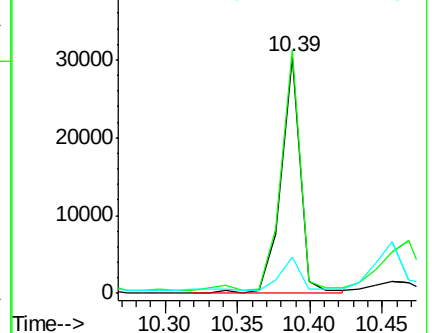
167 15.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

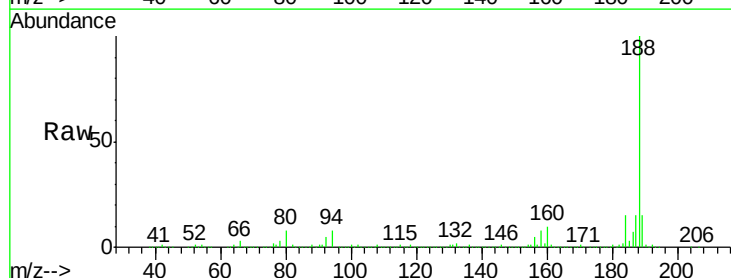
Tgt Ion:188 Resp: 419163

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.6#

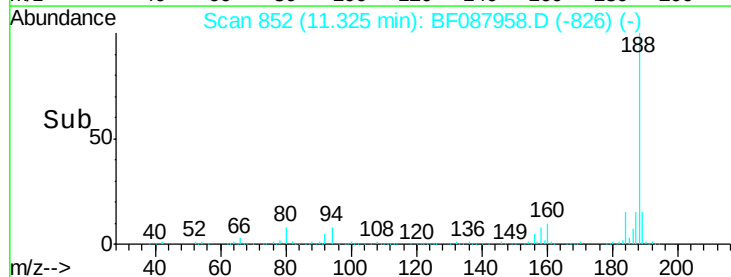
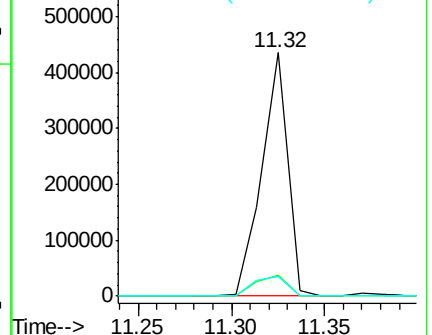
80 8.1 10.0 15.0#

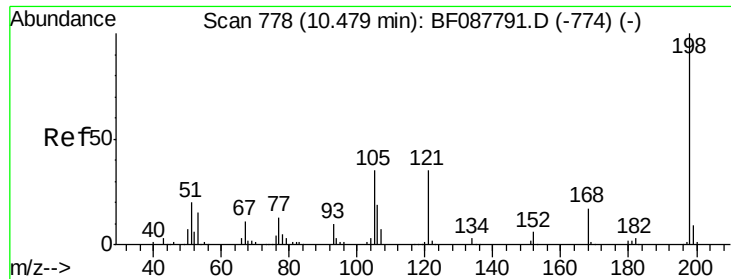


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.63 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.10 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

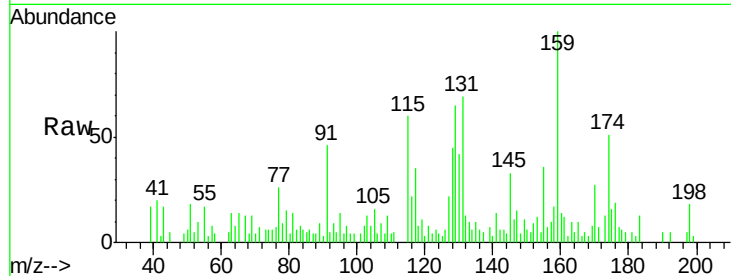
Tgt Ion:198 Resp: 1270

Ion Ratio Lower Upper

198 100

51 97.4 39.6 79.6#

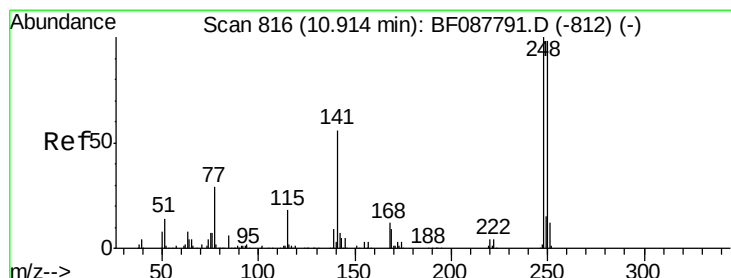
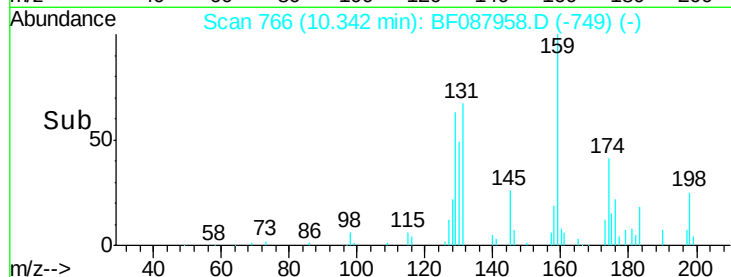
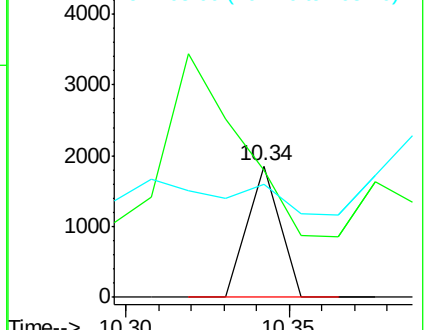
105 86.5 36.6 76.6#



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: 3.99 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.25 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

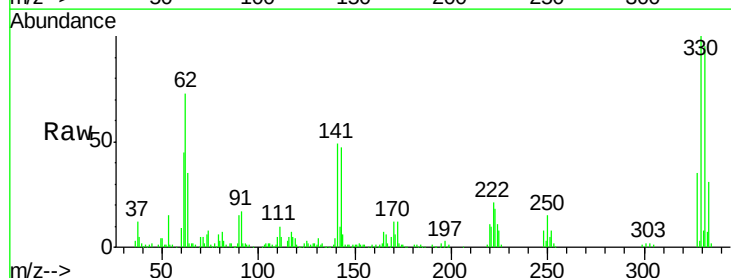
Tgt Ion:248 Resp: 17956

Ion Ratio Lower Upper

248 100

250 195.2 77.1 115.7#

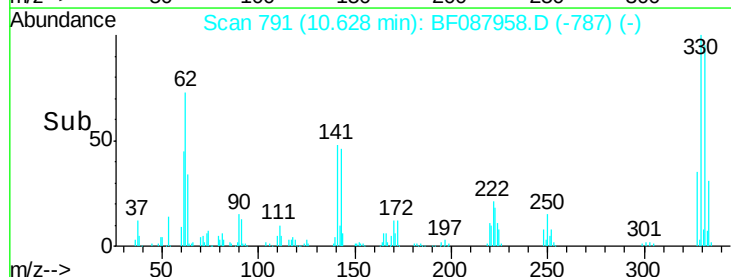
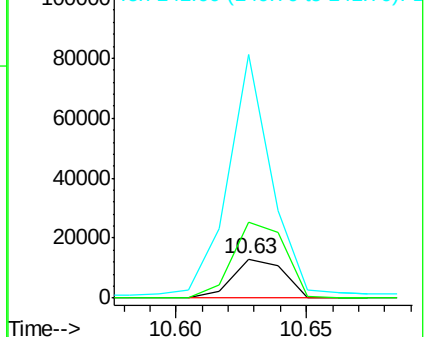
141 621.5 50.6 76.0#

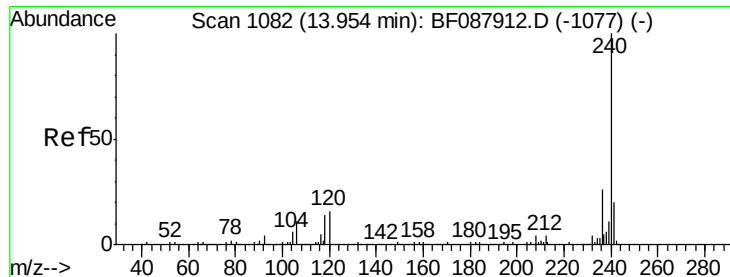


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

Instrument :

BNA_F

ClientSampleId :

W-13

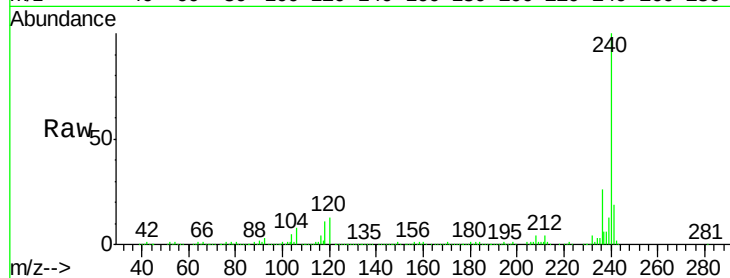
Tgt Ion:240 Resp: 311055

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

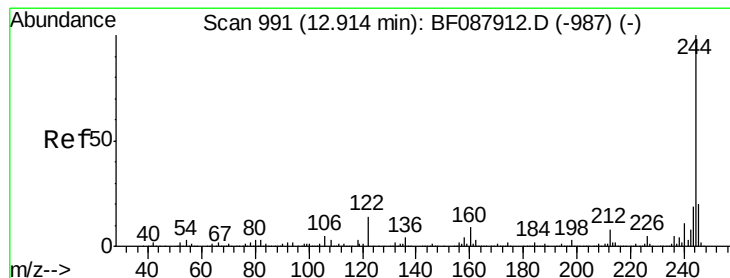
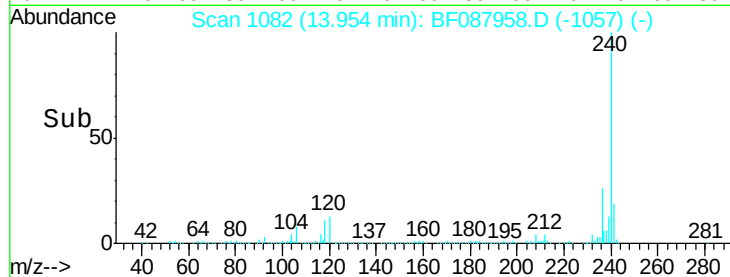
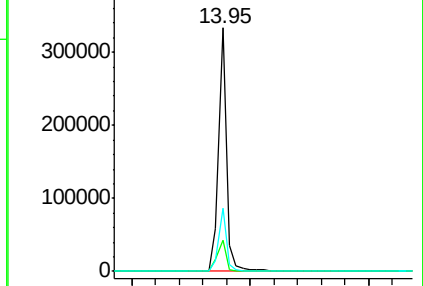
236 25.8 20.2 30.2



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: 75.03 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF087958.D

Acq: 12 Jun 2016 20:01

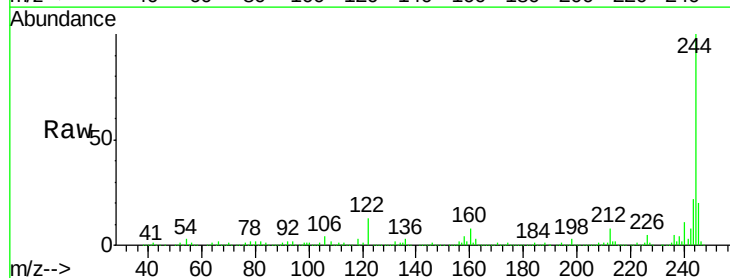
Tgt Ion:244 Resp: 1025582

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

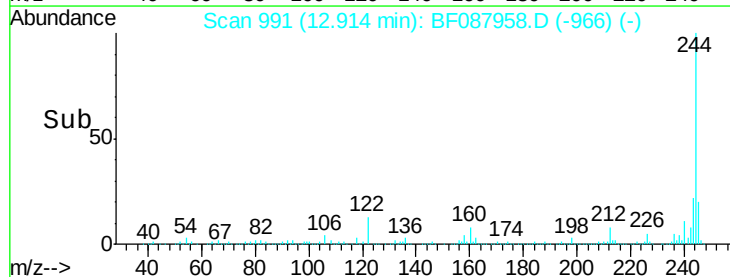
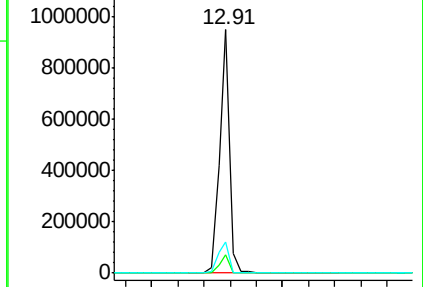
122 12.6 11.2 16.8

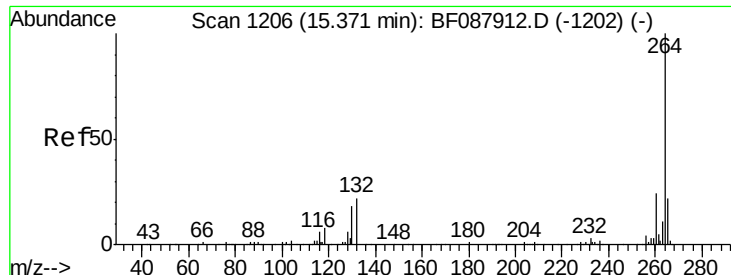


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	16.9	25.3

