

Data Path : Z:\HPCHEM1\BNA F\Data\BF060616\
 Data File : BF087782.D
 Acq On : 7 Jun 2016 8:40
 Operator : UM/SJ
 Sample : H3349-16RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-32

Quant Time: Jun 07 14:34:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

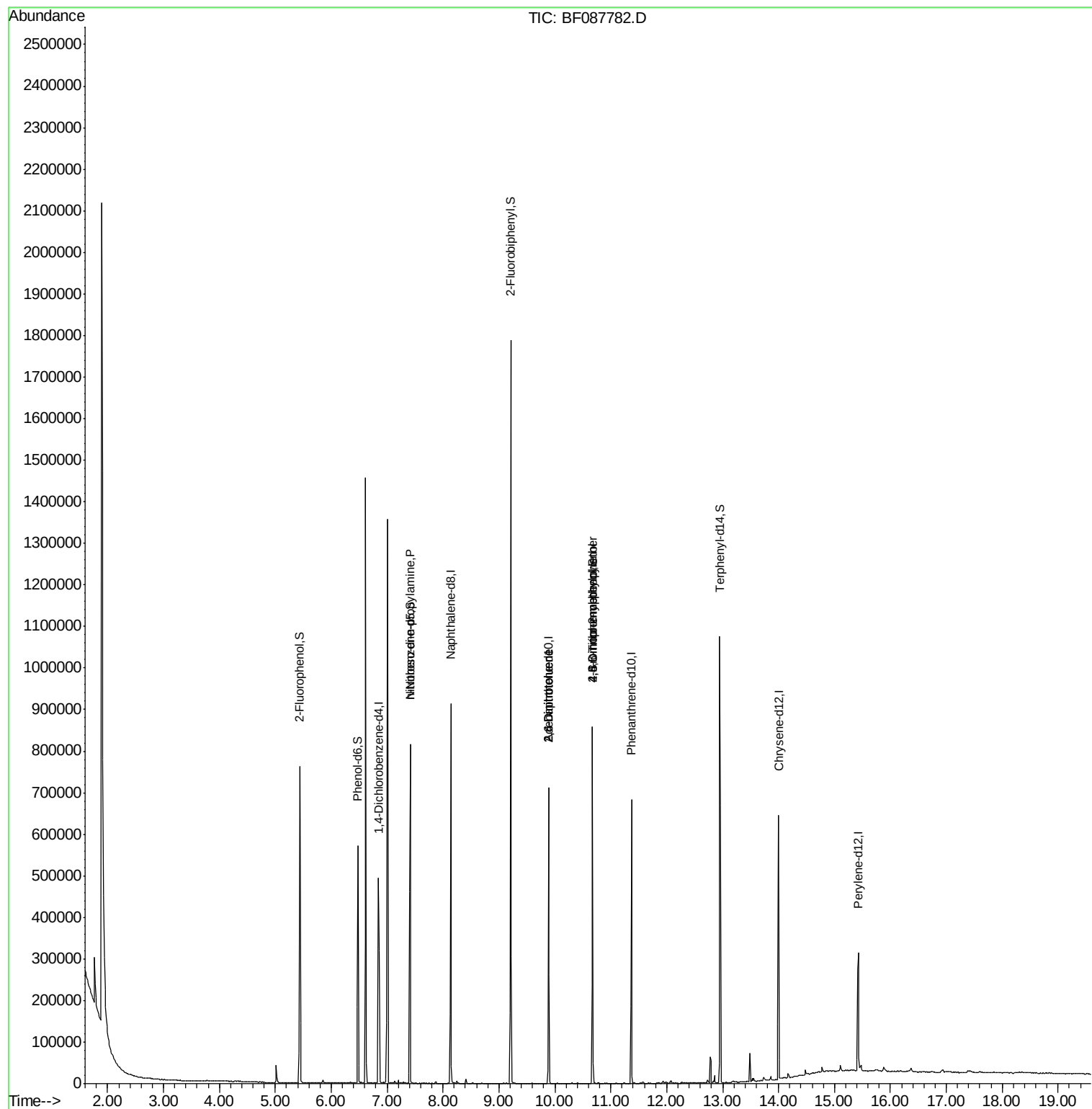
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	97909	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	398369	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	148162	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	250943	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	204551	20.00	ng	-0.02
86) Perylene-d12	15.43	264	151068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	203706	33.63	ng	-0.01
7) Phenol-d6	6.48	99	204252	26.89	ng	-0.01
23) Nitrobenzene-d5	7.42	82	313833	45.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	100093	67.30	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	542105	49.51	ng	-0.02
78) Terphenyl-d14	12.95	244	414504	49.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	39834	8.40	ng	# 69
50) 2,6-Dinitrotoluene	9.88	165	19174	7.82	ng	# 39
56) 2,4-Dinitrotoluene	9.88	165	19175	6.14	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.67	198	216	2.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	6294	2.53	ng	# 1

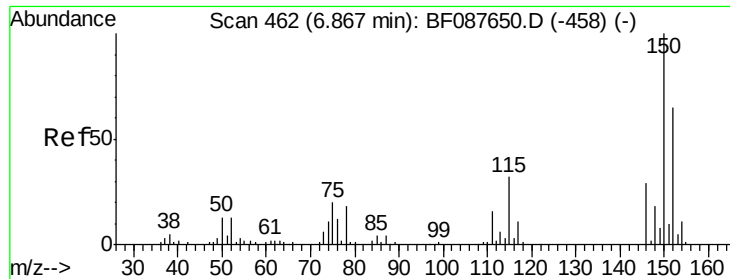
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Instrument :

BNA_F

ClientSampleId :

W-32

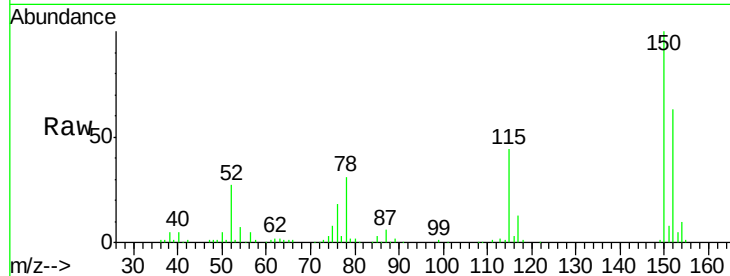
Tot Ion:152 Resp: 97909

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

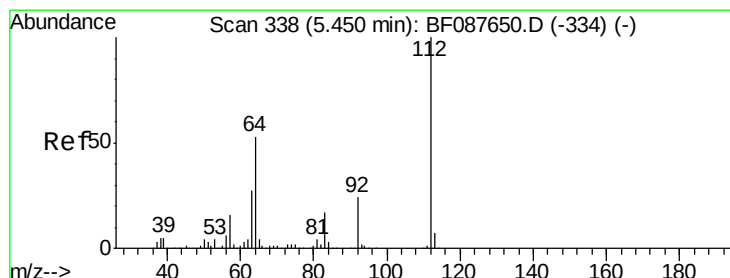
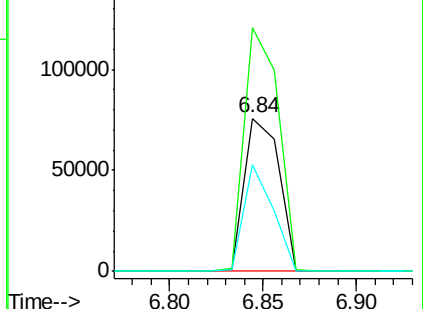
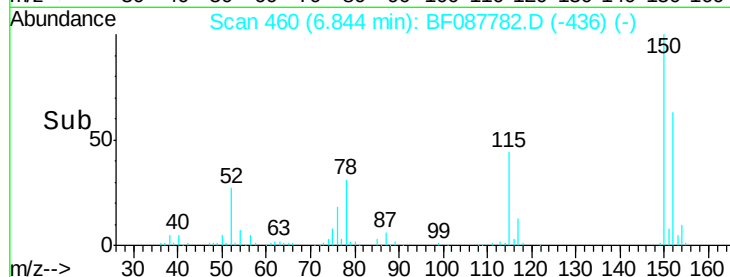
115 69.8 39.6 59.4#



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: 33.63 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

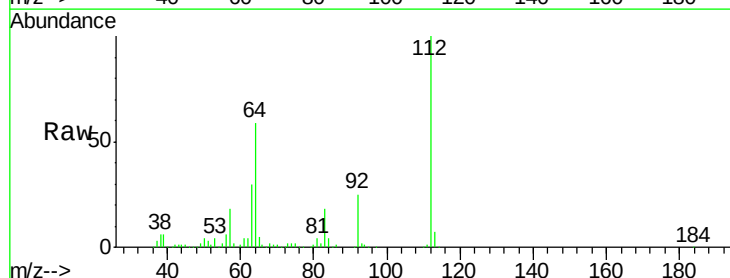
Tgt Ion:112 Resp: 203706

Ion Ratio Lower Upper

112 100

64 59.4 42.2 63.2

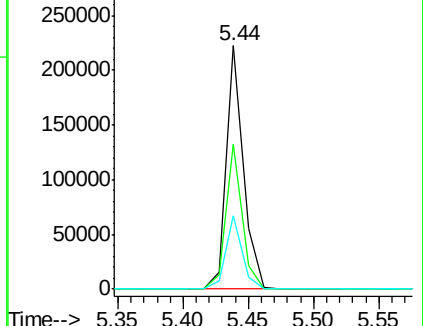
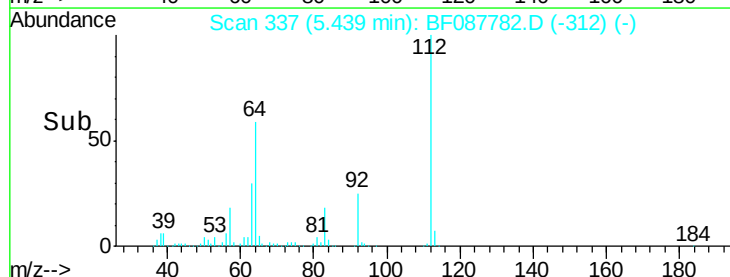
63 30.3 21.8 32.8

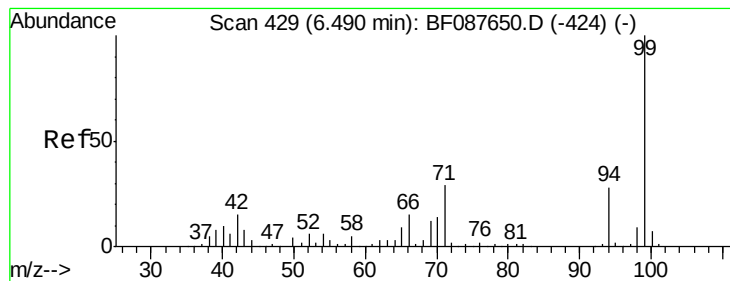


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.89 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Instrument :

BNA_F

ClientSampled :

W-32

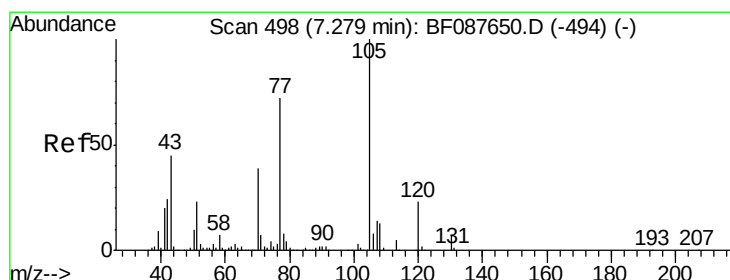
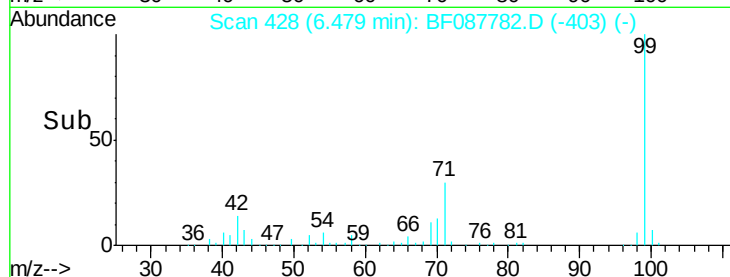
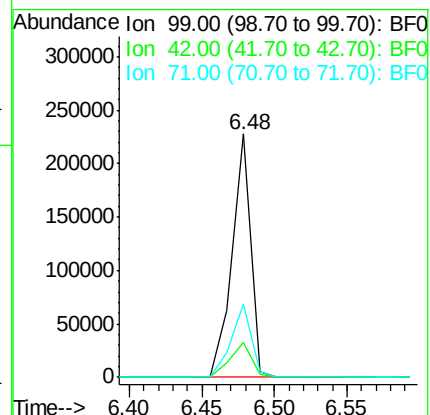
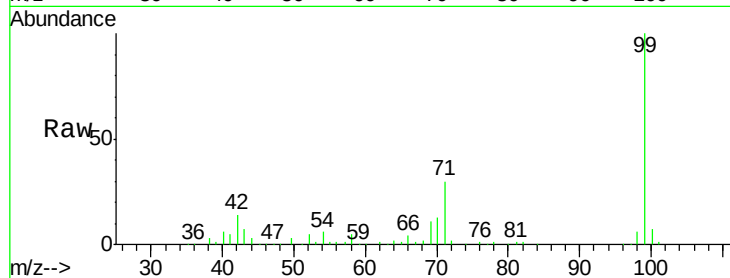
Tot Ion: 99 Resp: 204252

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

71 30.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.40 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Tgt Ion: 70 Resp: 39834

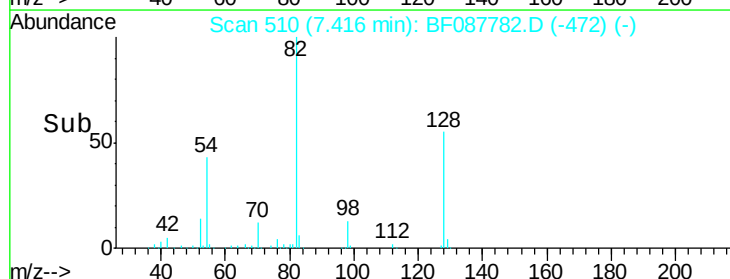
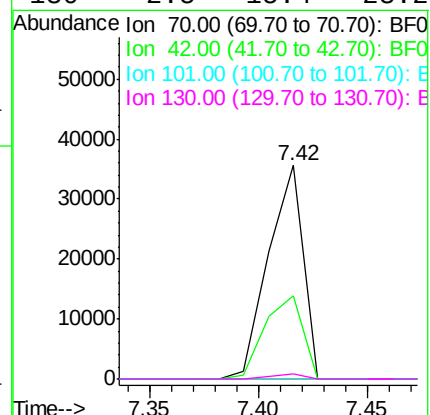
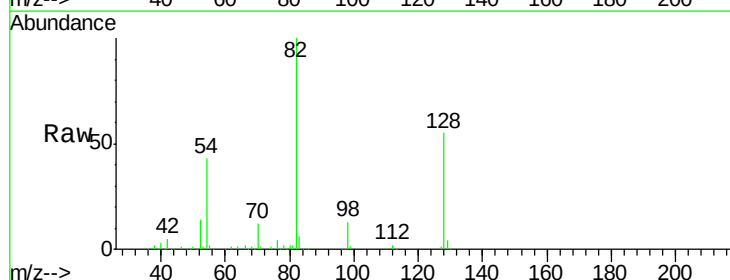
Ion Ratio Lower Upper

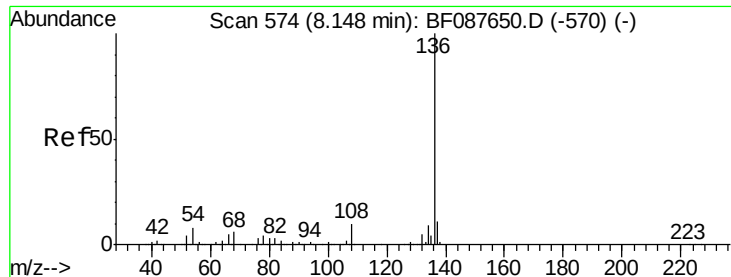
70 100

42 39.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

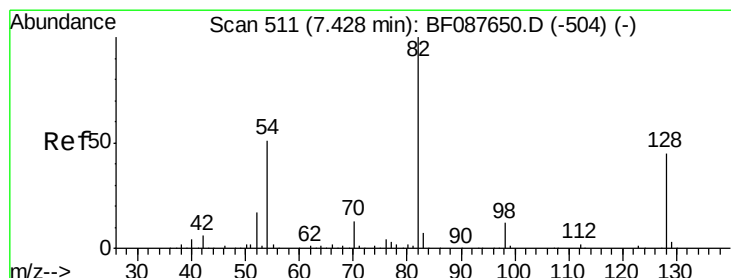
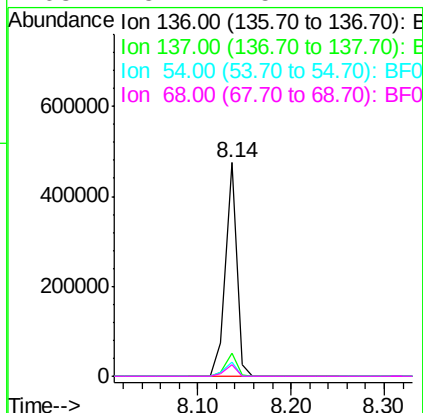
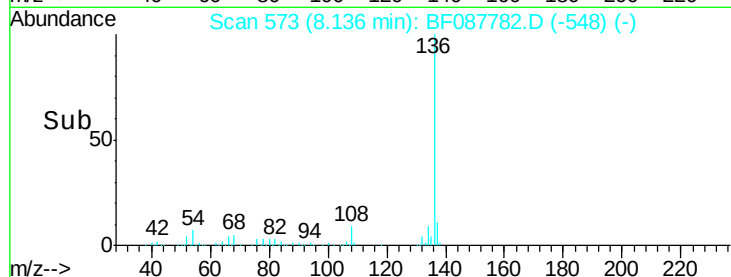
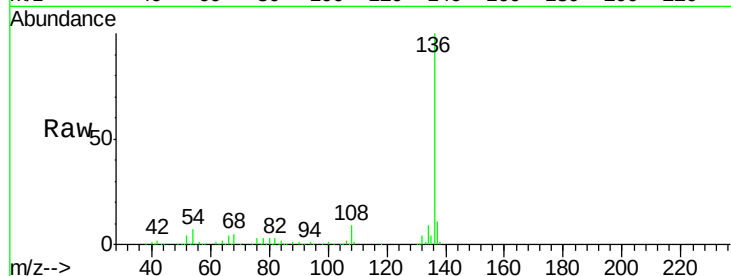




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

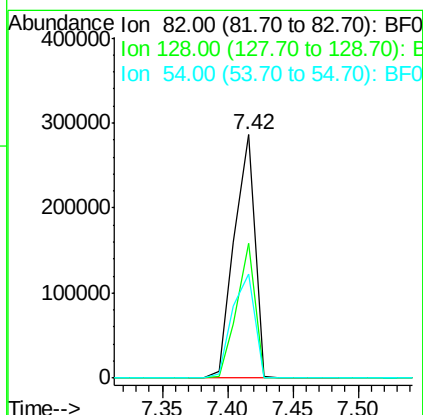
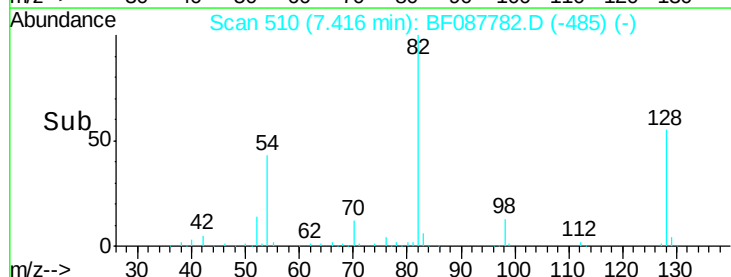
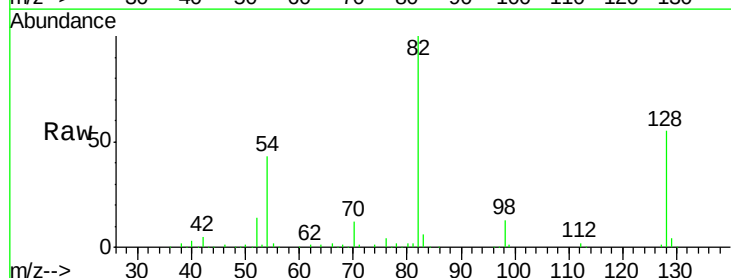
Instrument :
BNA_F
ClientSampleId :
W-32

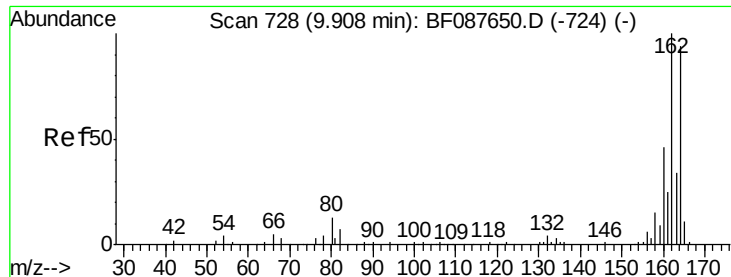
Tot Ion:136	Resp:	398369
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.8	6.6 10.0
68	5.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 45.58 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Tgt Ion: 82	Resp:	313833
Ion Ratio	Lower	Upper
82	100	
128	55.5	35.9 53.9#
54	42.7	40.9 61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Instrument :

BNA_F

ClientSampleId :

W-32

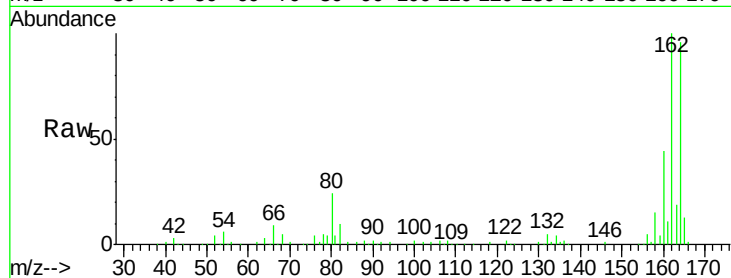
Tot Ion:164 Resp: 148162

Ion Ratio Lower Upper

164 100

162 104.0 85.4 128.2

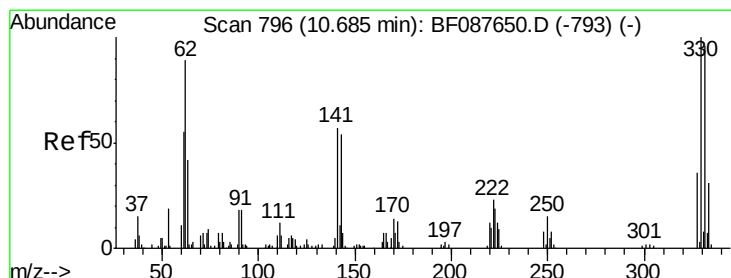
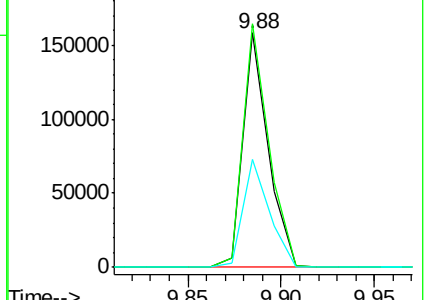
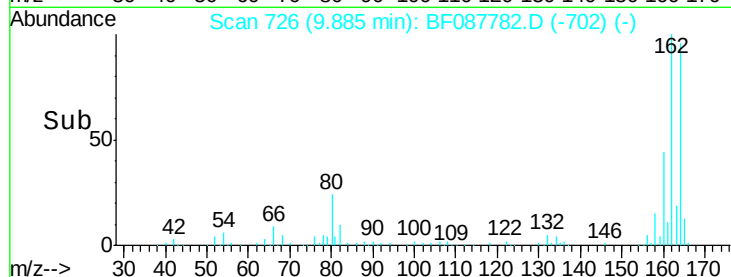
160 45.9 39.5 59.3



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: 67.30 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

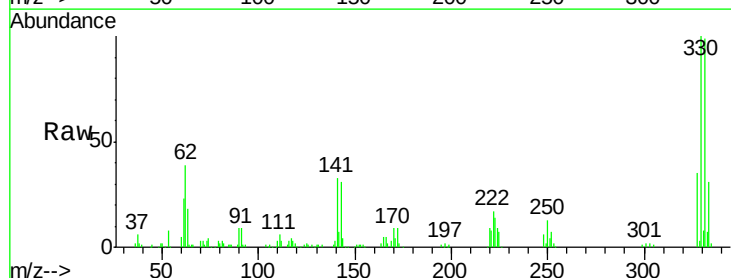
Tgt Ion:330 Resp: 100093

Ion Ratio Lower Upper

330 100

332 98.7 0.0 0.0#

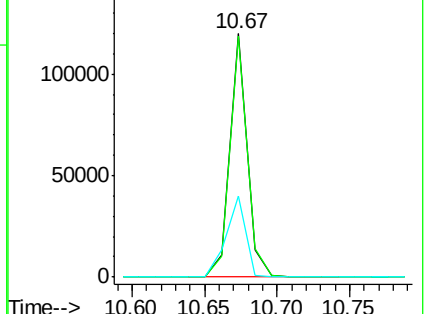
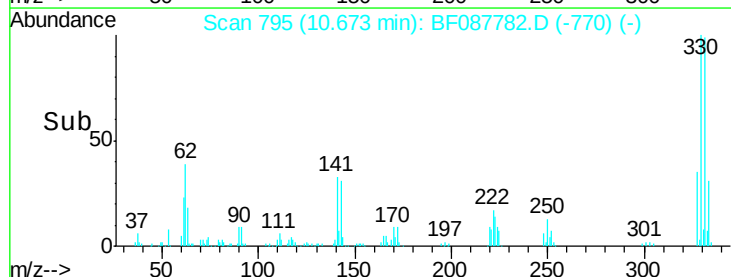
141 37.1 0.0 0.0#

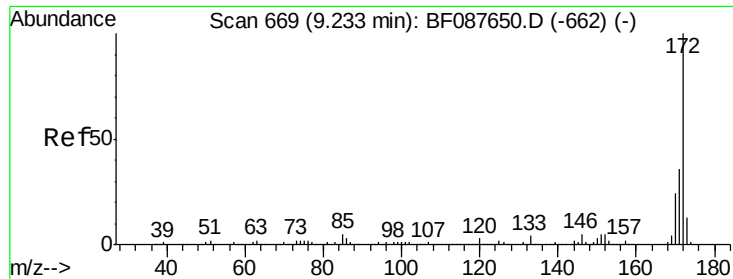


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

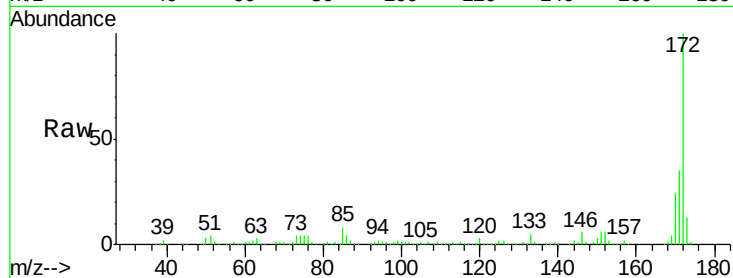




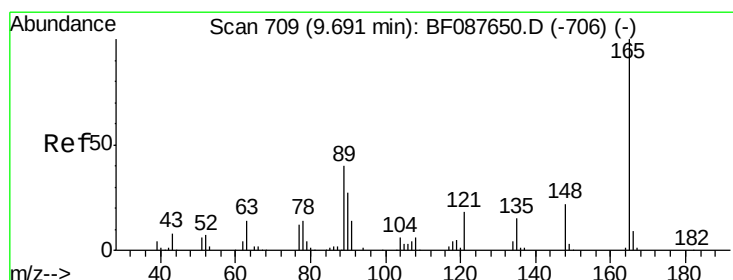
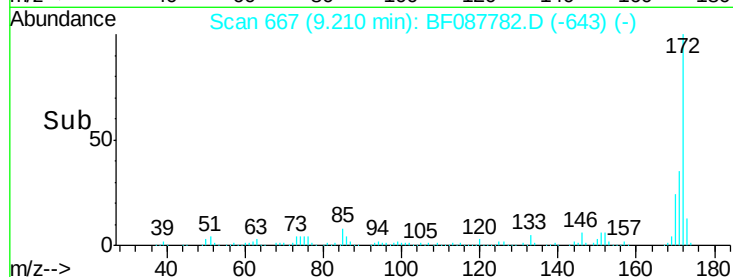
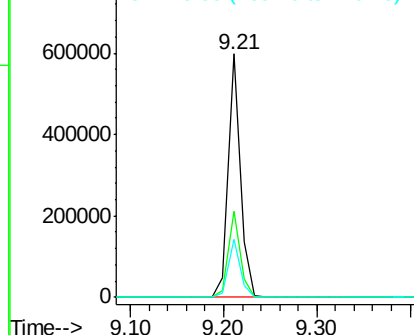
#44
 2-Fluorobiphenyl
 Concen: 49.51 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087782.D
 Acq: 7 Jun 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 542105
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.8 19.2 28.8

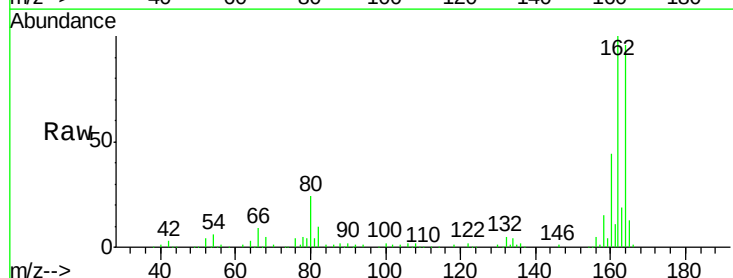


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

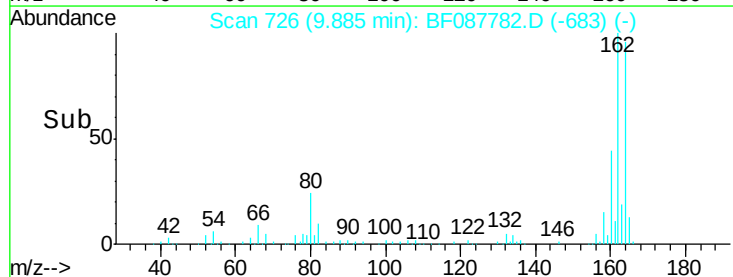
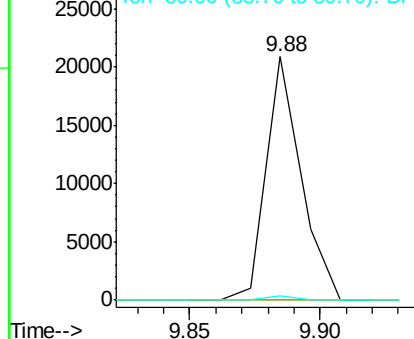


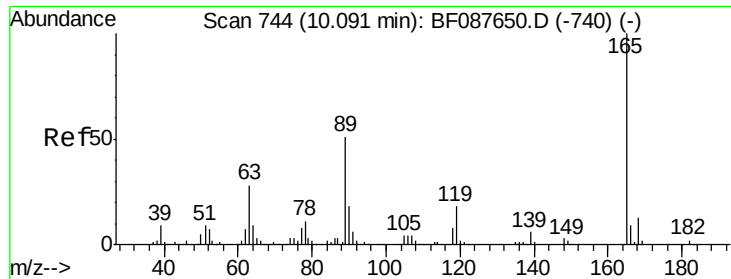
#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.19 min
 Lab File: BF087782.D
 Acq: 7 Jun 2016 8:40

Tgt Ion:165 Resp: 19174
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 1.6 32.2 48.2#



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

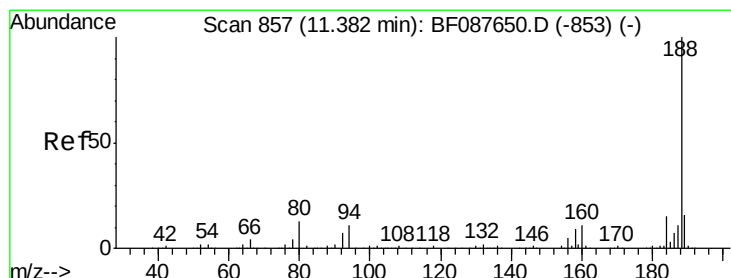
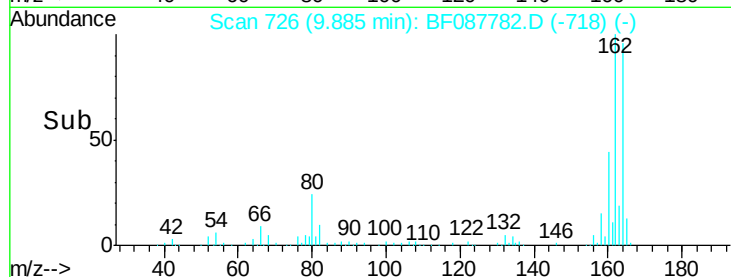
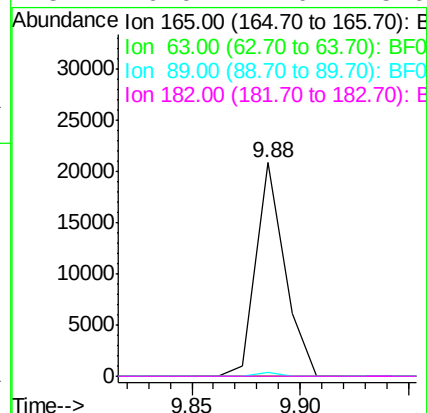
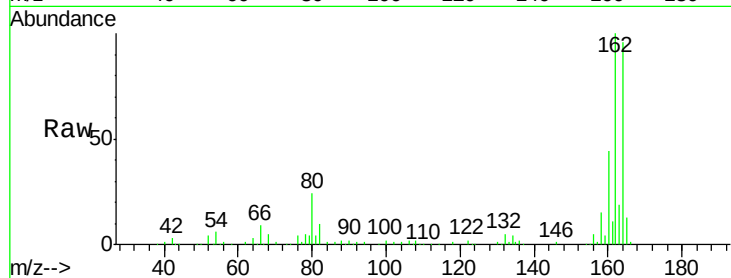




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.21 min
 Lab File: BF087782.D
 Acq: 7 Jun 2016 8:40

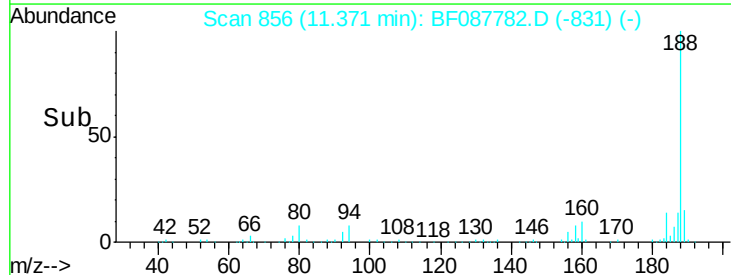
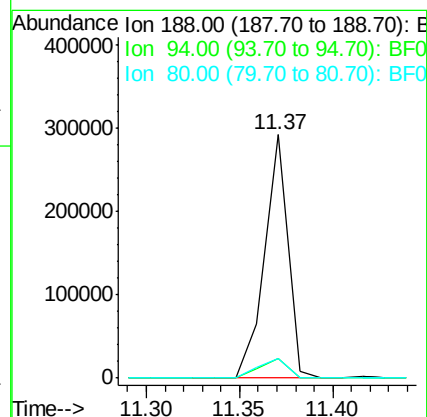
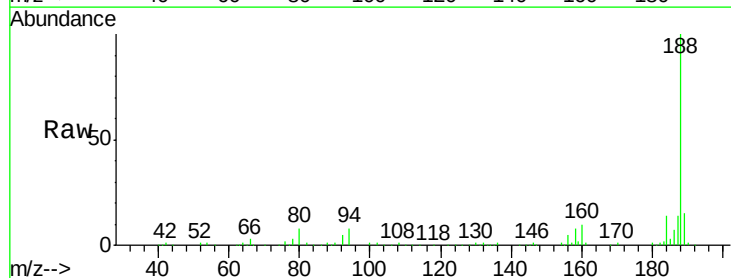
Instrument :
 BNA_F
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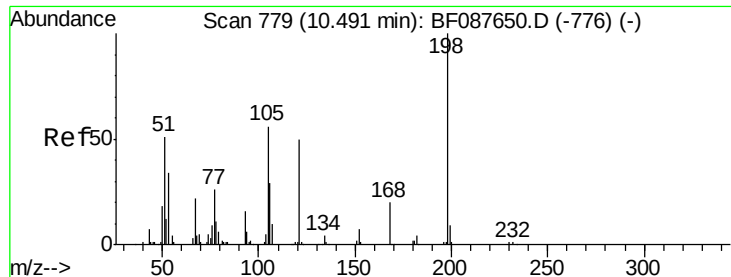
Tot Ion:165	Resp:	19175
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.0 33.0#
89	1.6	41.1 61.7#
182	0.0	2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087782.D
 Acq: 7 Jun 2016 8:40

Tgt Ion:188	Resp:	250943
Ion Ratio	Lower	Upper
188	100	
94	8.2	9.0 13.6#
80	8.0	10.0 15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.16 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.18 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Instrument :

BNA_F

ClientSampleId :

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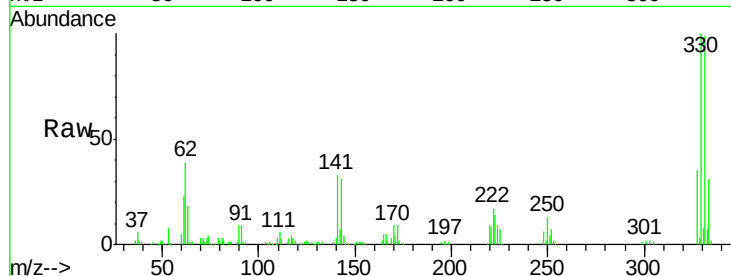
Tot Ion:198 Resp: 216

Ion Ratio Lower Upper

198 100

51 156.2 39.6 79.6#

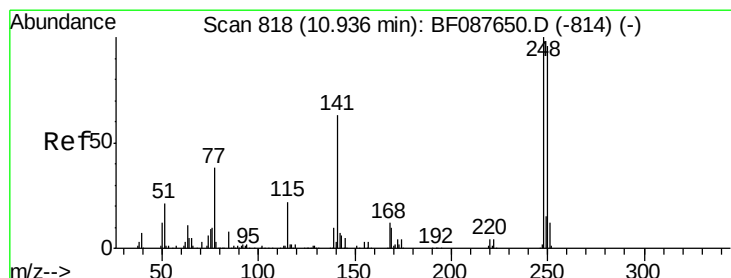
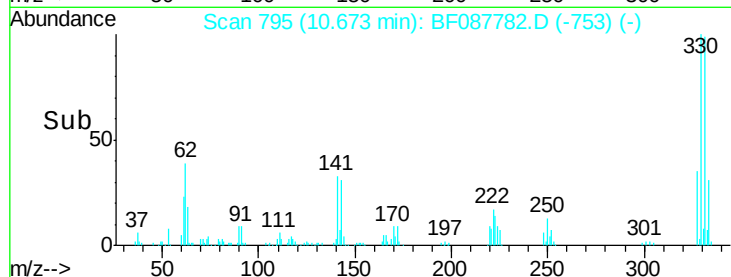
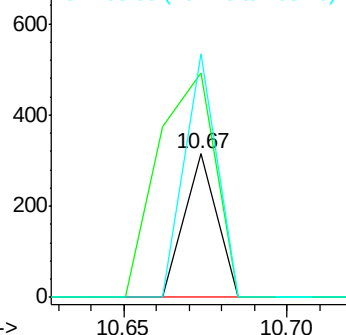
105 169.5 36.6 76.6#



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: 2.53 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.26 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

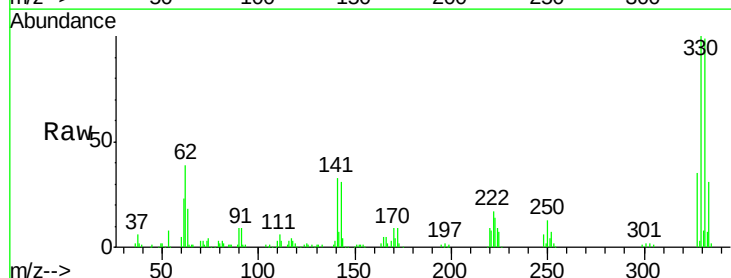
Tgt Ion:248 Resp: 6294

Ion Ratio Lower Upper

248 100

250 201.0 77.1 115.7#

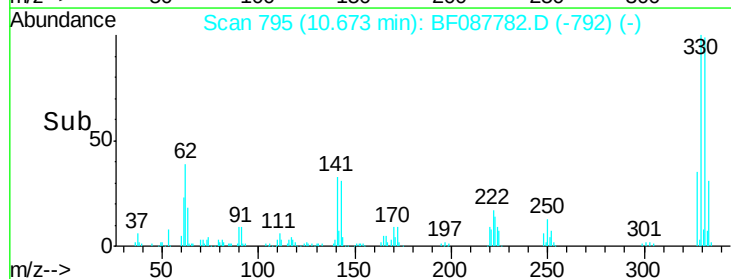
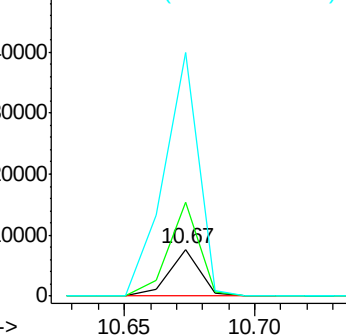
141 523.8 50.6 76.0#

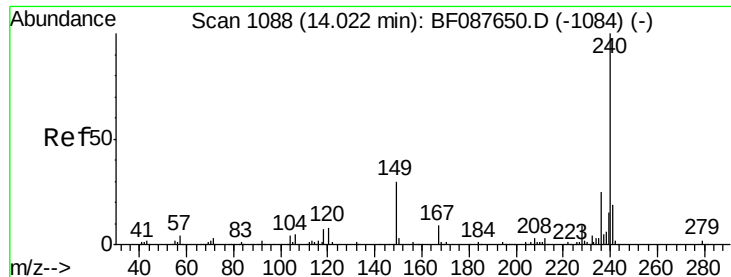


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

Instrument :

BNA_F

ClientSampleId :

W-32

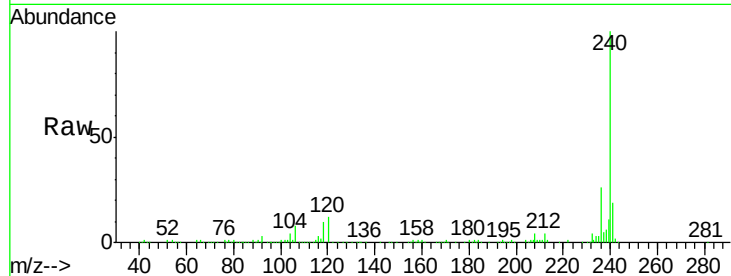
Tot Ion:240 Resp: 204551

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

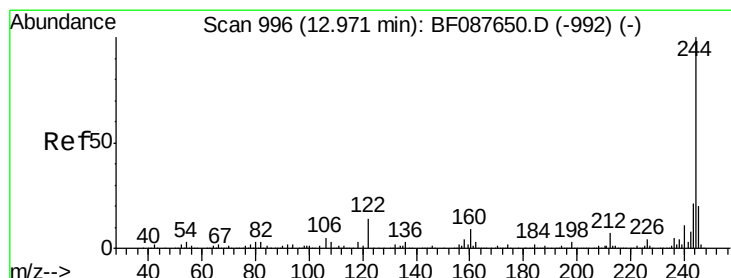
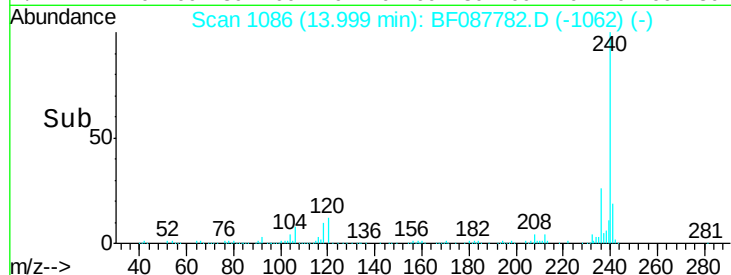
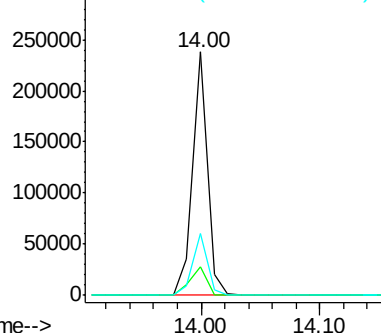
236 25.6 20.2 30.2



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: 49.45 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF087782.D

Acq: 7 Jun 2016 8:40

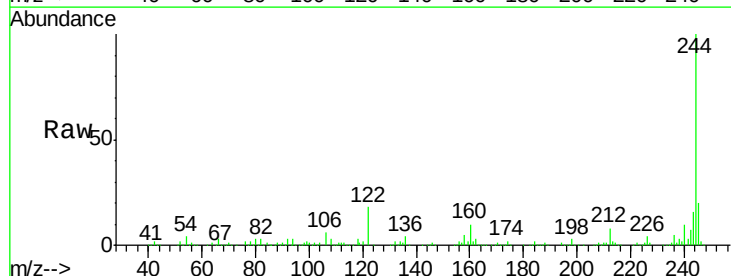
Tgt Ion:244 Resp: 414504

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

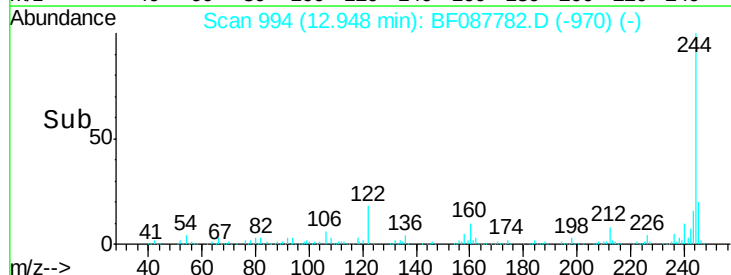
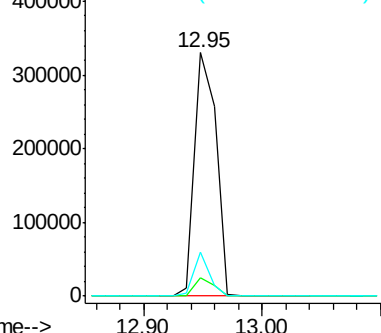
122 18.1 11.2 16.8#

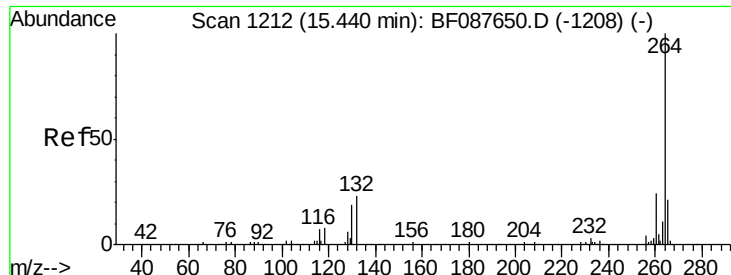


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087782.D
Acq: 7 Jun 2016 8:40

Instrument :
BNA_F
ClientSampleId :
W-32

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.4	16.9	25.3	

