

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088070.D
 Acq On : 16 Jun 2016 8:50
 Operator : UM/SJ
 Sample : H3571-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 11:36:19 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 14:10:49 2016
 Response via : Initial Calibration

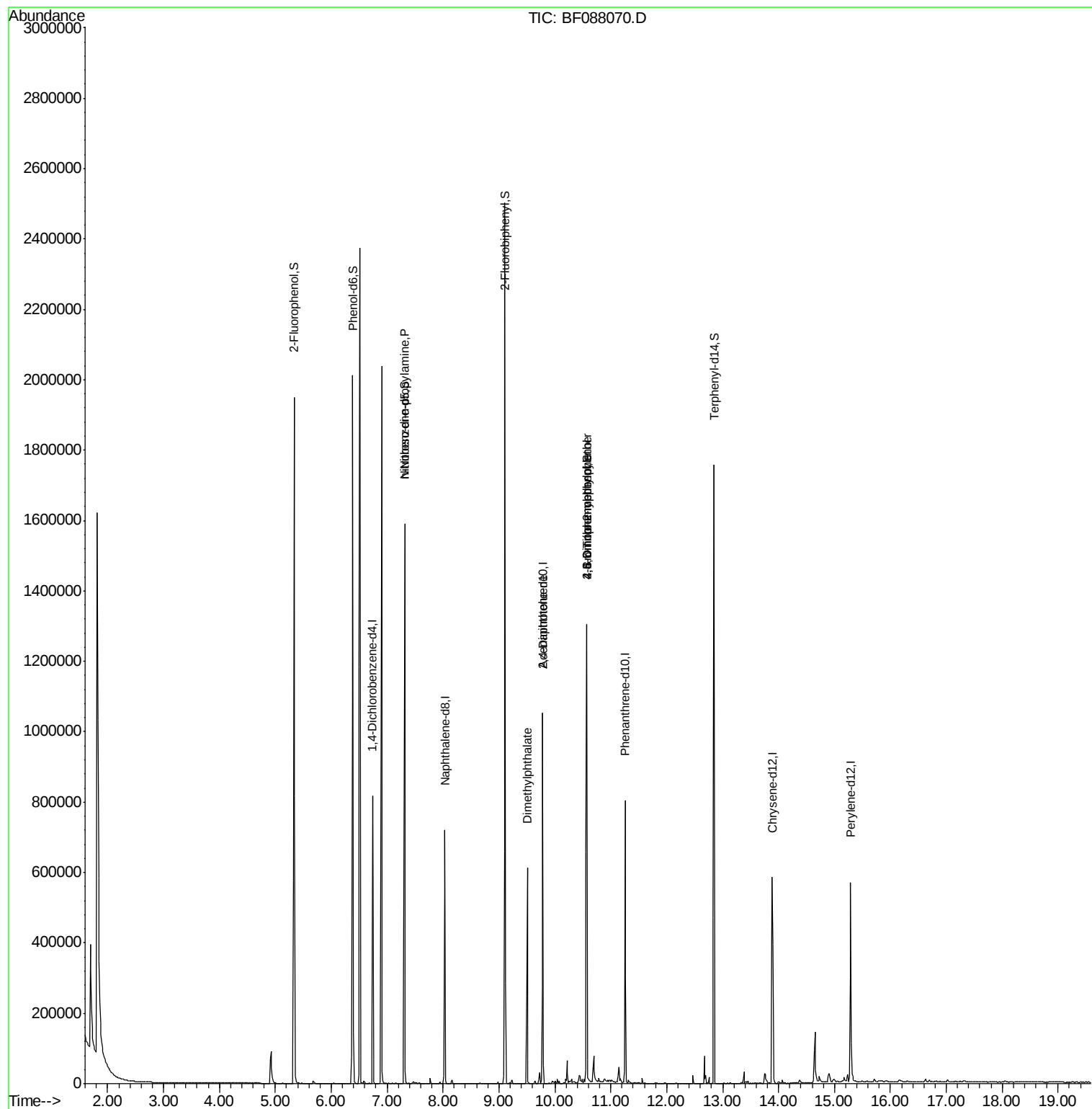
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119205	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	466856	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	208945	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	316556	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	247154	20.00	ng	-0.07
86) Perylene-d12	15.29	264	252069	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	744338	106.75	ng	-0.05
7) Phenol-d6	6.39	99	868401	102.76	ng	-0.05
23) Nitrobenzene-d5	7.31	82	608866	76.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	175110	79.37	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	814544	59.58	ng	-0.06
78) Terphenyl-d14	12.85	244	534213	49.19	ng	-0.06
Target Compounds						
10) Phenol	6.40	94	11277	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propylamine	7.31	70	79761	14.75 ng	#	70
45) 1,1'-Biphenyl	9.11	154	1488	Below Cal	#	1
49) Dimethylphthalate	9.51	163	300574	19.86 ng		99
56) 2,4-Dinitrotoluene	9.78	165	27069	6.08 ng	#	37
57) Fluorene	10.57	166	9807	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.57	198	324	2.32 ng	#	16
66) 4-Bromophenyl-phenylether	10.57	248	11776	3.47 ng	#	1

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

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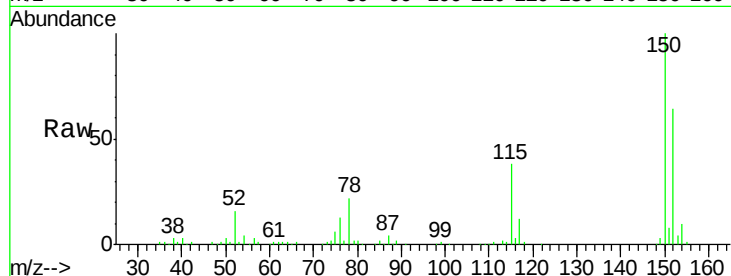


#1

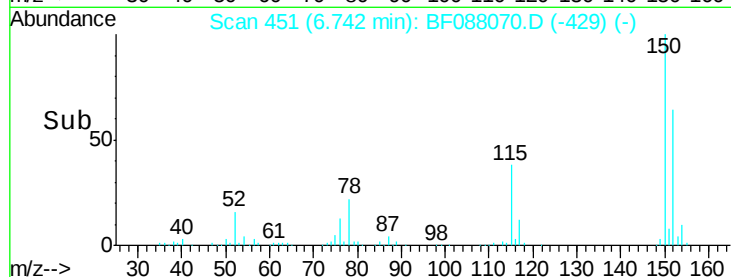
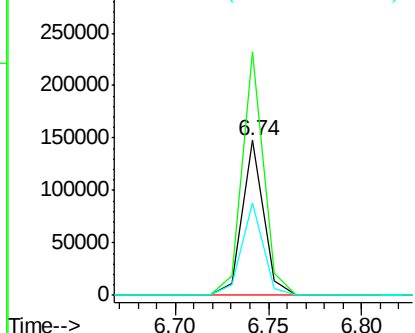
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.8	185.6
115	59.4	39.6	59.4



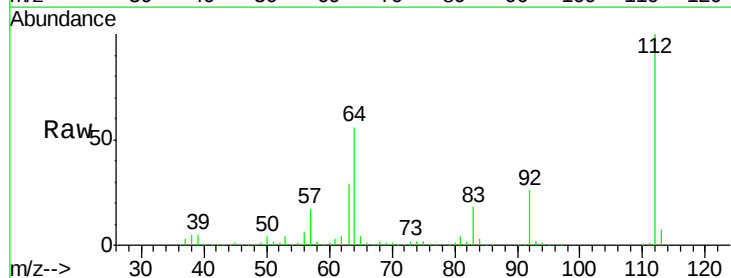
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



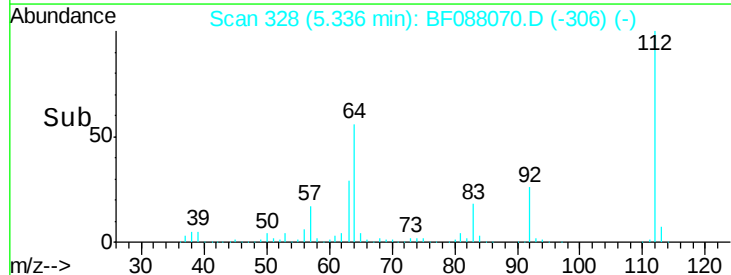
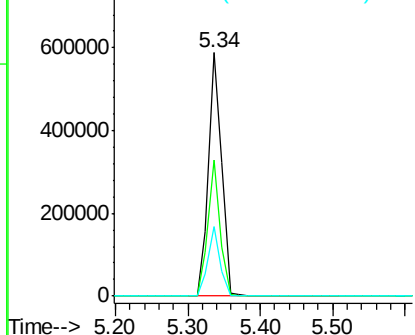
#5

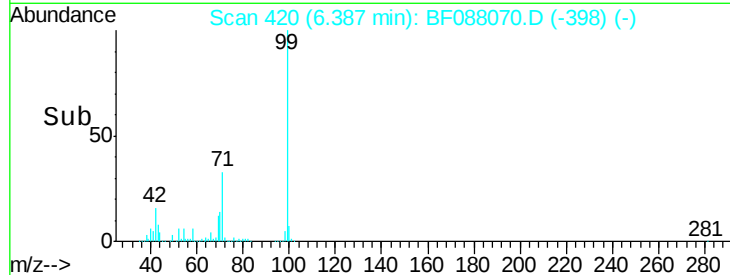
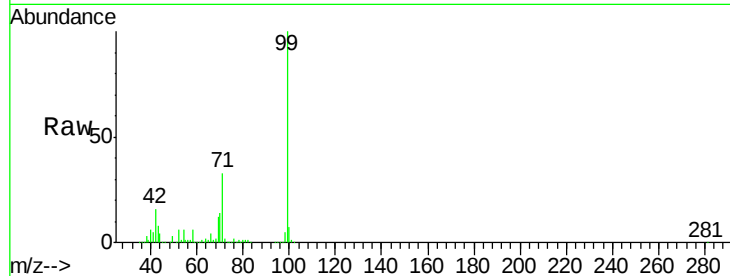
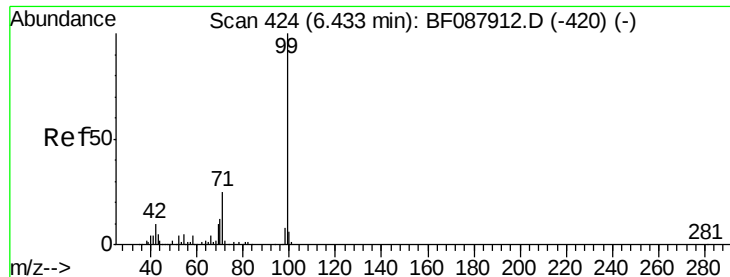
2-Fluorophenol
Concen: 106.75 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.05 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	42.2	63.2
63	28.5	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: 102.76 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Instrument :

BNA_F

ClientSampled :

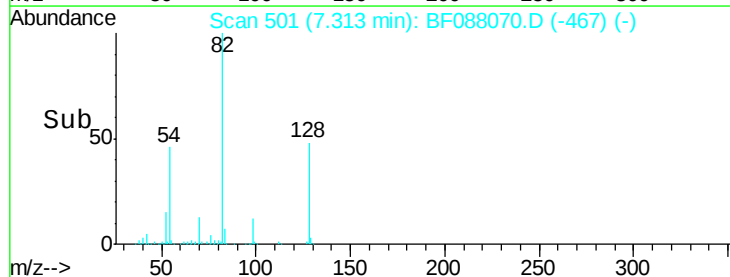
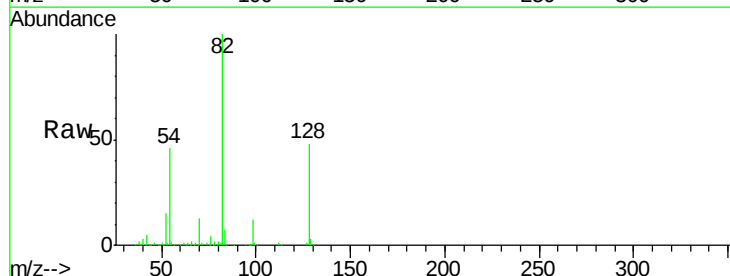
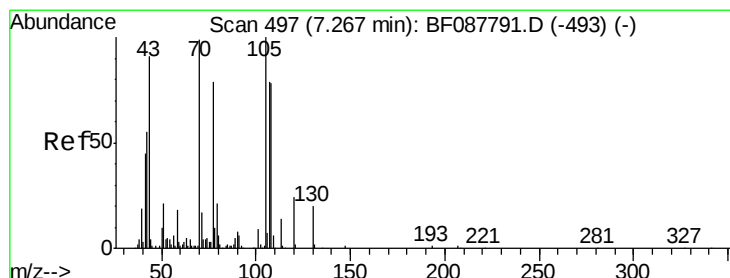
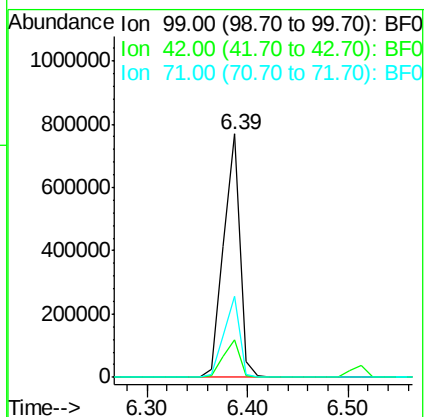
Tot Ion: 99 Resp: 868401

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 33.4 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.75 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.09 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Tgt Ion: 70 Resp: 79761

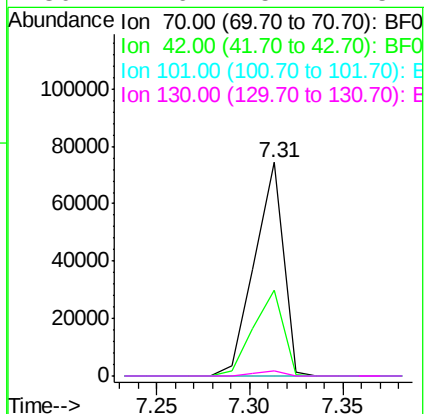
Ion Ratio Lower Upper

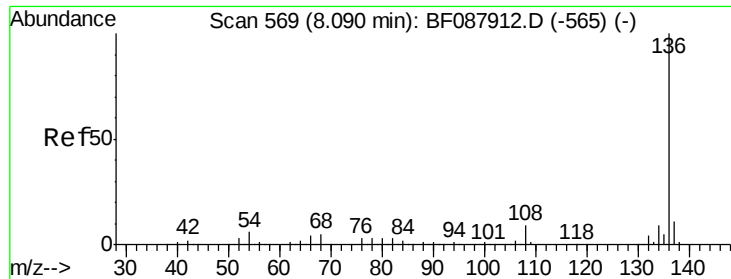
70 100

42 40.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

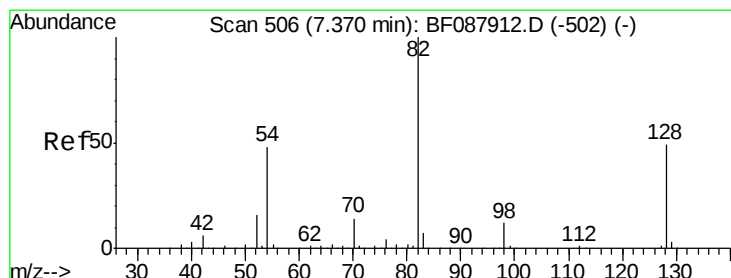
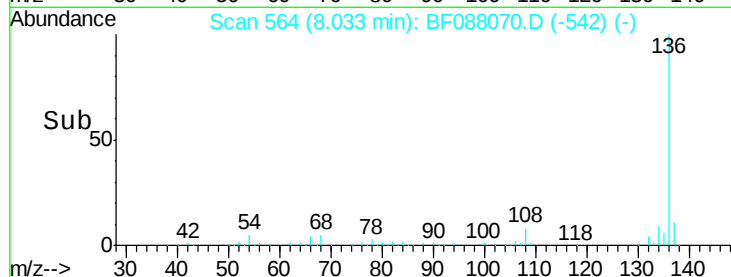
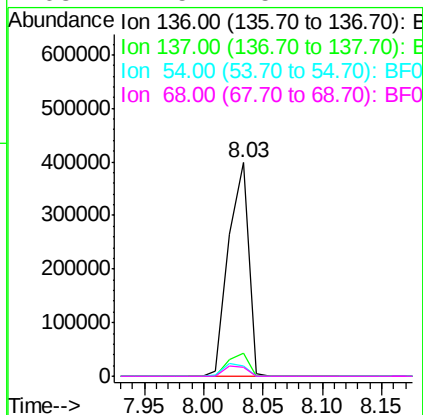
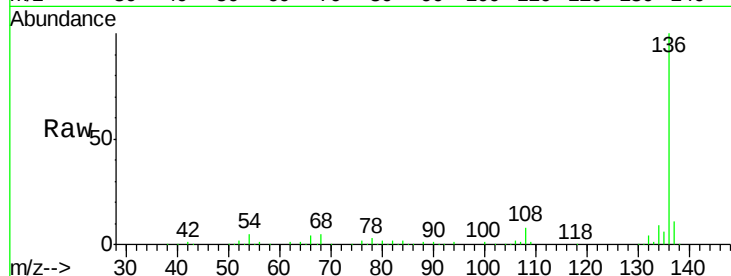




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

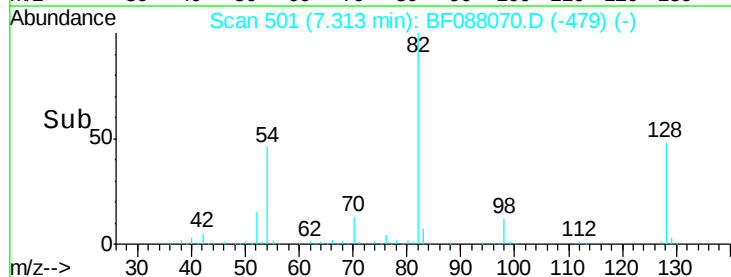
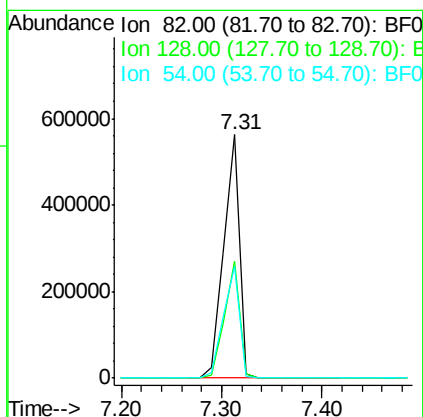
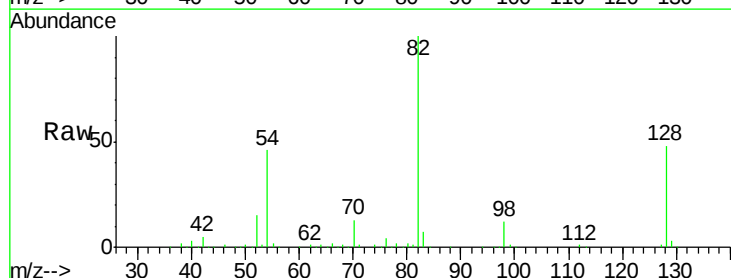
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	466856
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	5.1	6.6 10.0#
68	4.5	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 76.16 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Tgt Ion: 82	Resp:	608866
Ion Ratio	Lower	Upper
82	100	
128	48.2	35.9 53.9
54	45.8	40.9 61.3

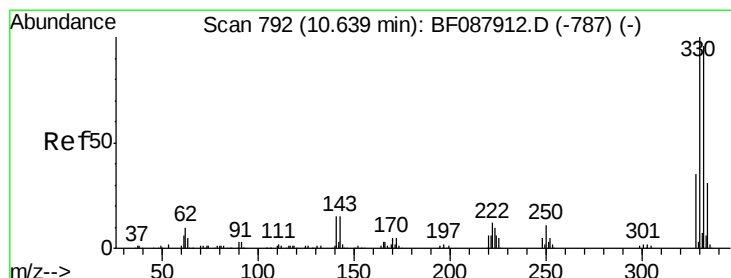
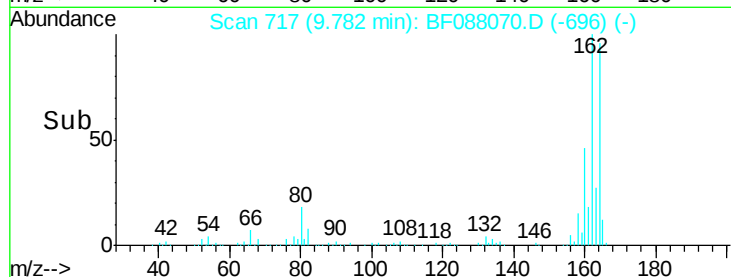
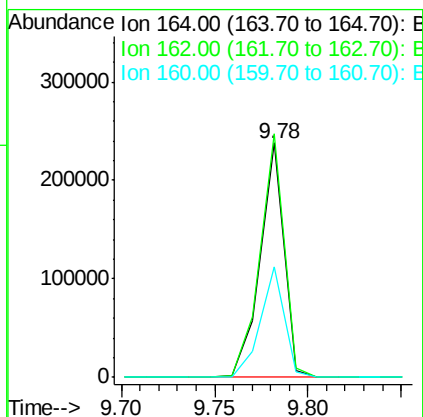
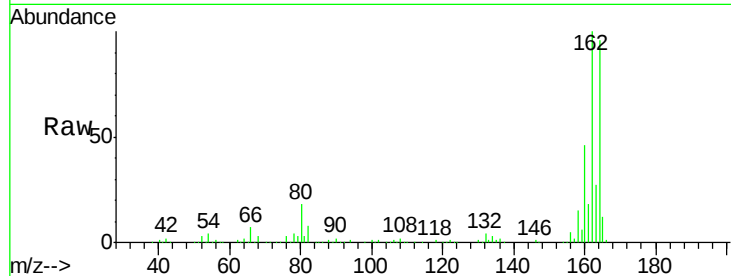




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

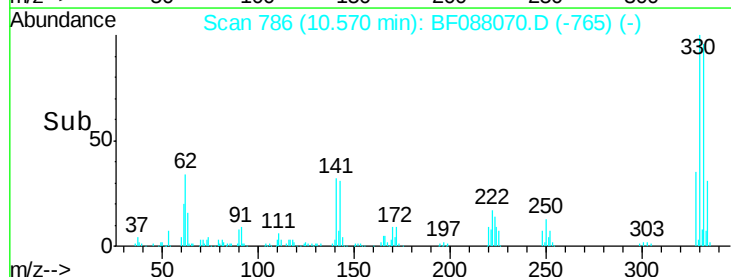
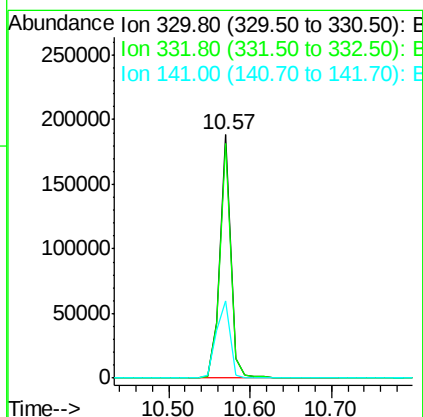
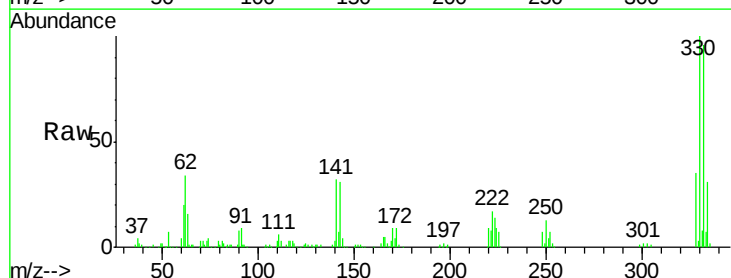
Instrument :
BNA_F
ClientSampleId :

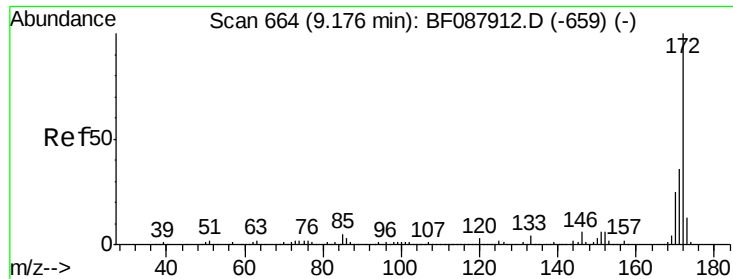
Tot Ion:164 Resp: 208945
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 47.4 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 79.37 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Tgt Ion:330 Resp: 175110
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 40.4 0.0 0.0#

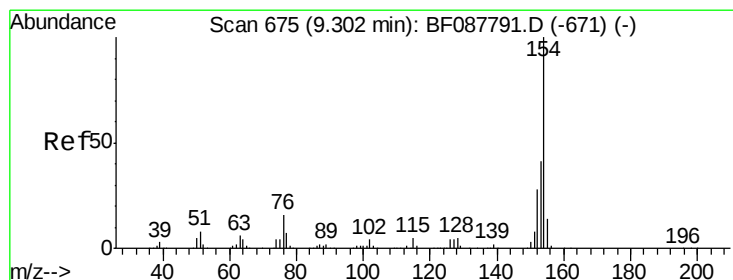
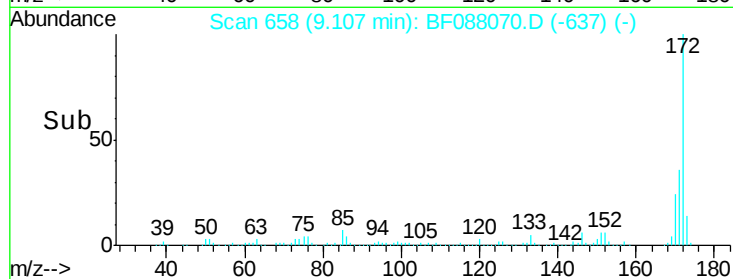
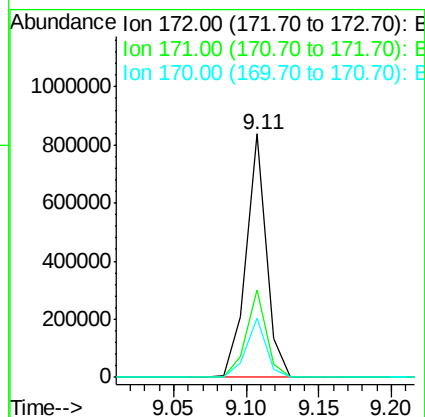
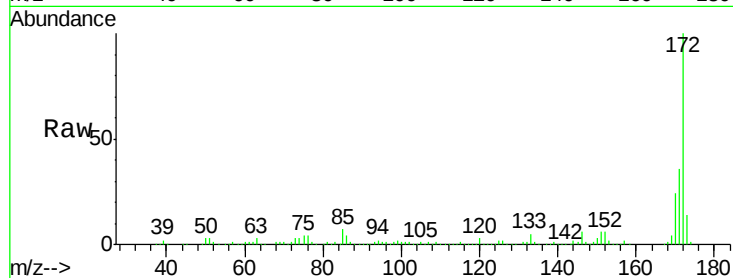




#44
2-Fluorobiphenyl
Concen: 59.58 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

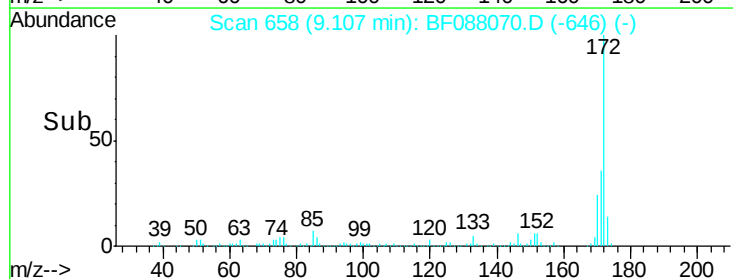
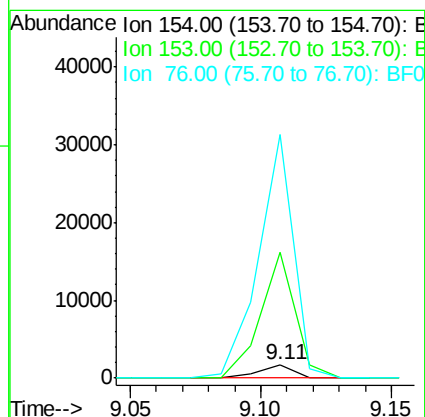
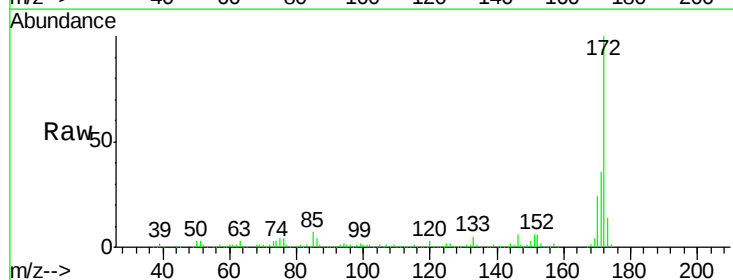
Instrument :
BNA_F
ClientSampleId :

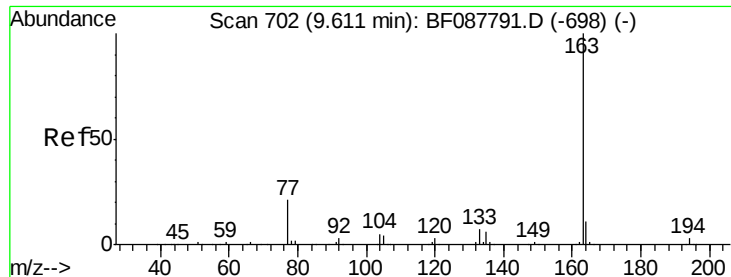
Tot Ion:172 Resp: 814544
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.2 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.16 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Tgt Ion:154 Resp: 1488
Ion Ratio Lower Upper
154 100
153 955.8 20.6 60.6#
76 1840.8 0.0 35.1#





#49

Dimethylphthalate

Concen: 19.86 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Instrument :

BNA_F

ClientSampleId :

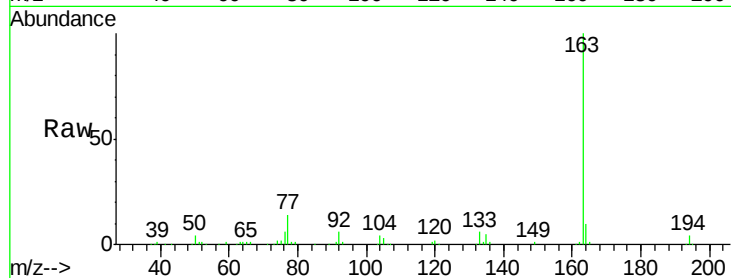
Tot Ion:163 Resp: 300574

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

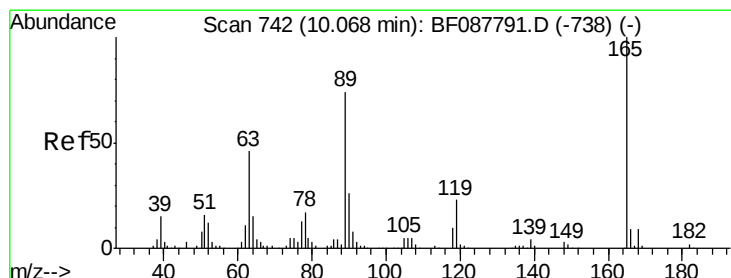
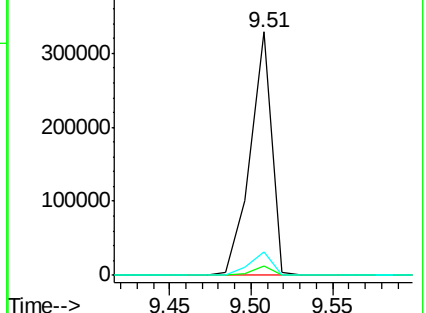
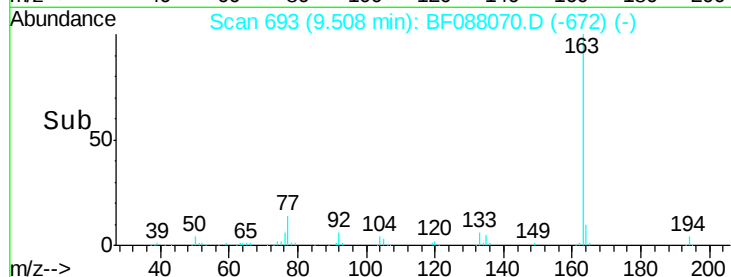
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.08 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.25 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Tgt Ion:165 Resp: 27069

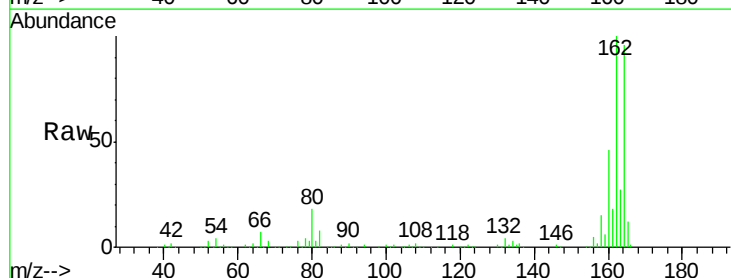
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.2 41.1 61.7#

182 0.0 2.0 3.0#

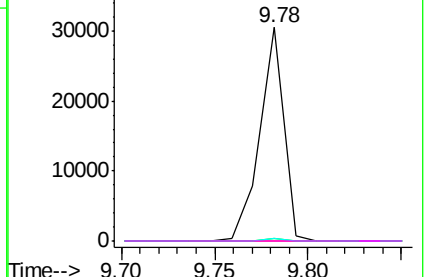
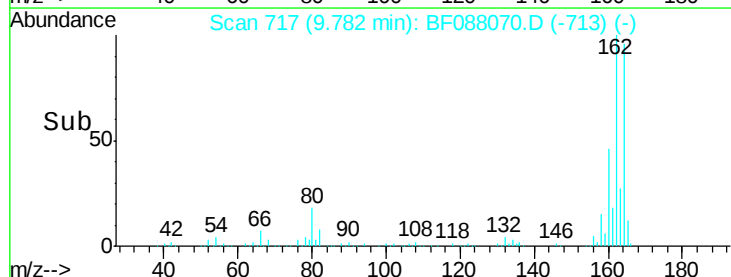


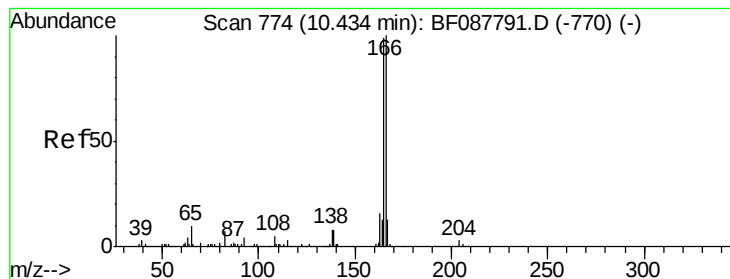
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.57 min Scan# 786

Delta R.T. 0.18 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Instrument :

BNA_F

ClientSampleId :

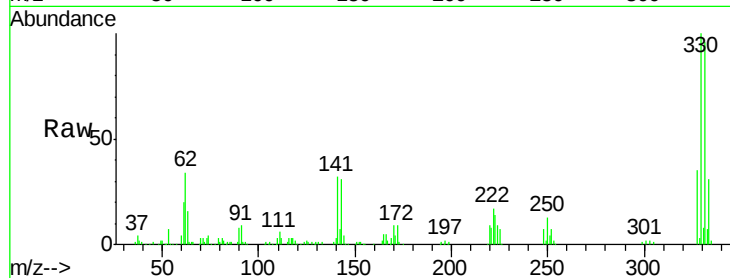
Tot Ion:166 Resp: 9807

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.8

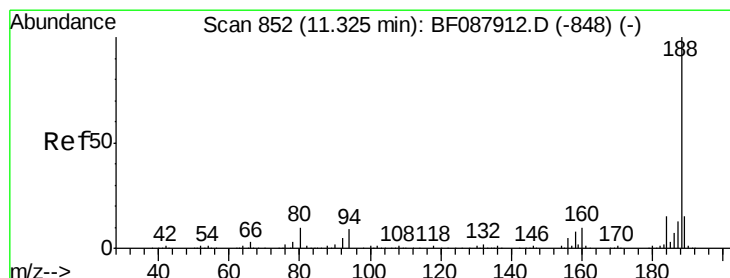
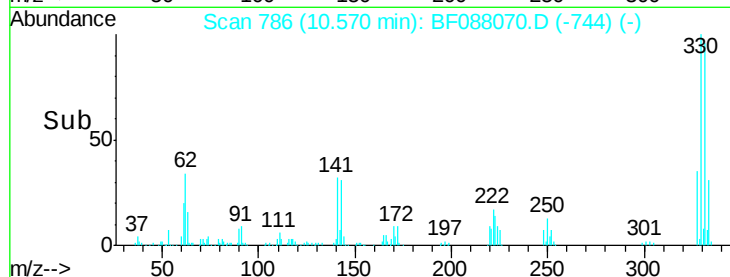
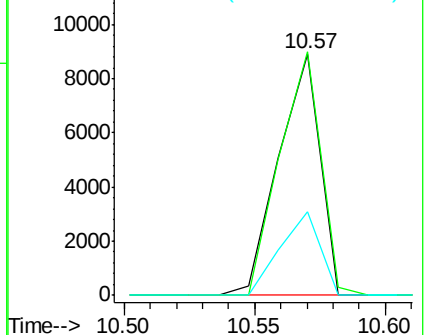
167 34.5 11.2 16.8#



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: 11.26 min Scan# 846

Delta R.T. -0.06 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

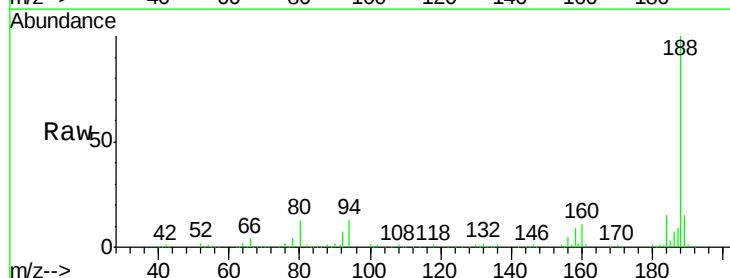
Tgt Ion:188 Resp: 316556

Ion Ratio Lower Upper

188 100

94 12.9 9.0 13.6

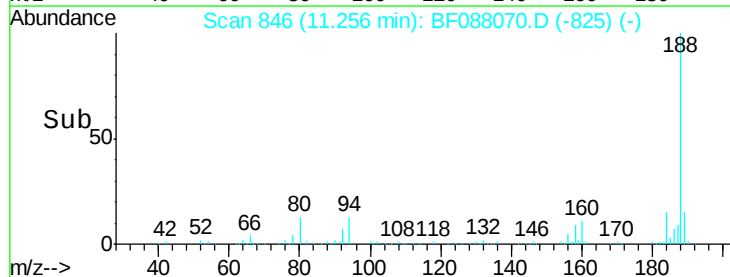
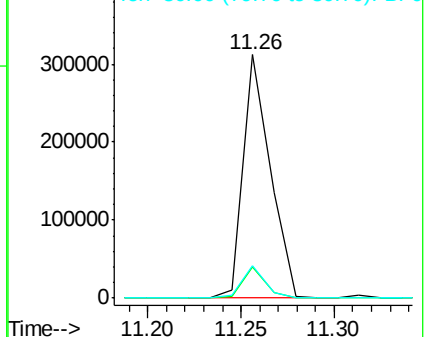
80 13.3 10.0 15.0

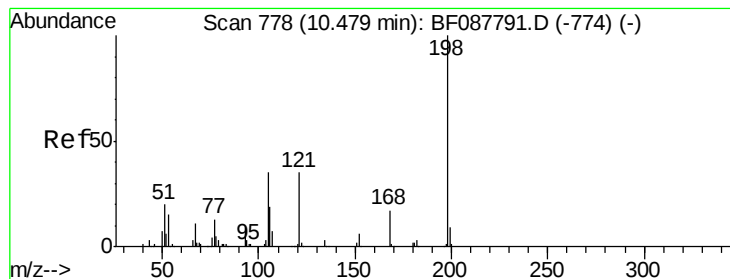


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.32 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.14 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

Instrument :

BNA_F

ClientSampleId :

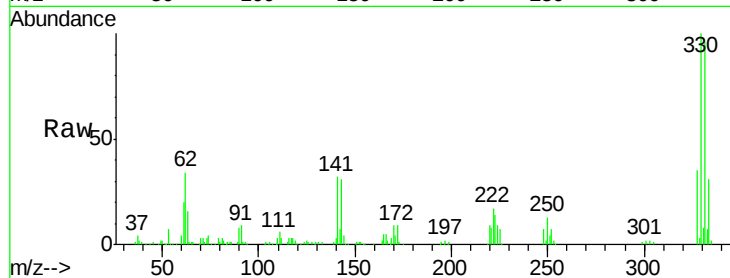
Tot Ion:198 Resp: 324

Ion Ratio Lower Upper

198 100

51 94.1 39.6 79.6#

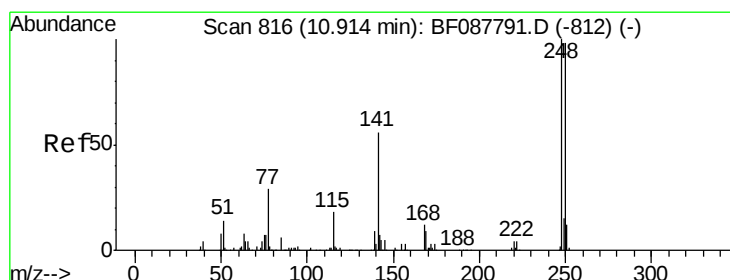
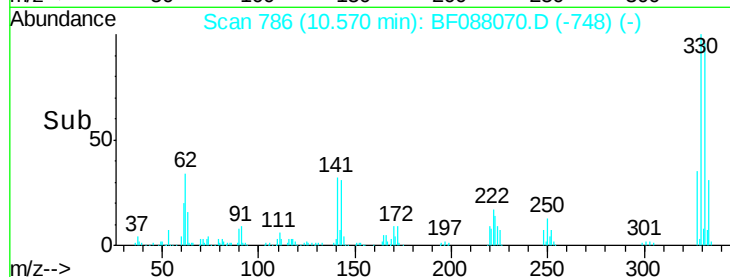
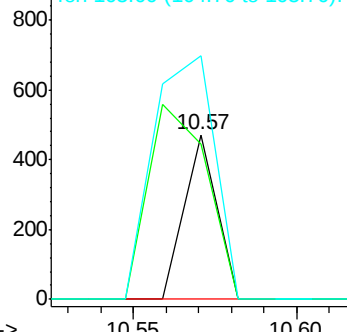
105 147.9 36.6 76.6#



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: 3.47 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.30 min

Lab File: BF088070.D

Acq: 16 Jun 2016 8:50

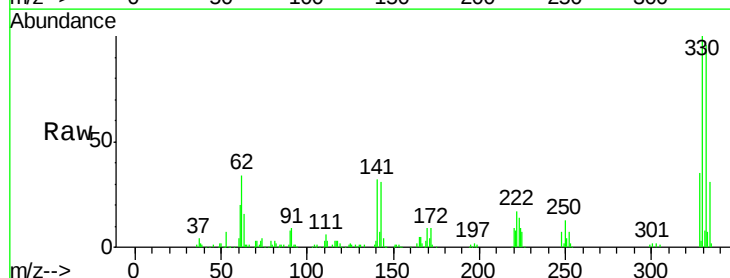
Tgt Ion:248 Resp: 11776

Ion Ratio Lower Upper

248 100

250 201.9 77.1 115.7#

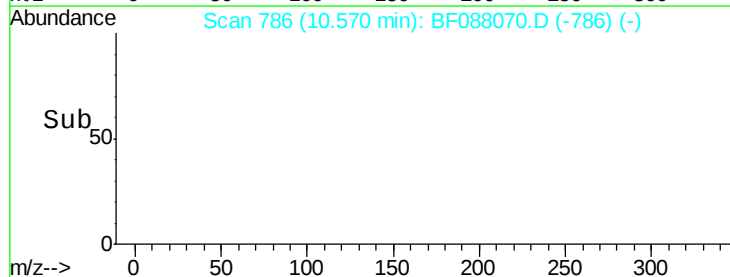
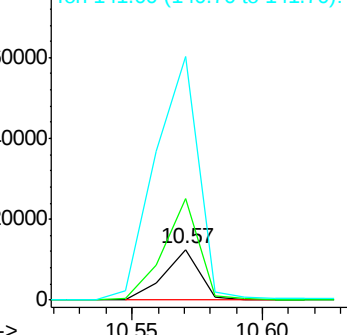
141 483.1 50.6 76.0#

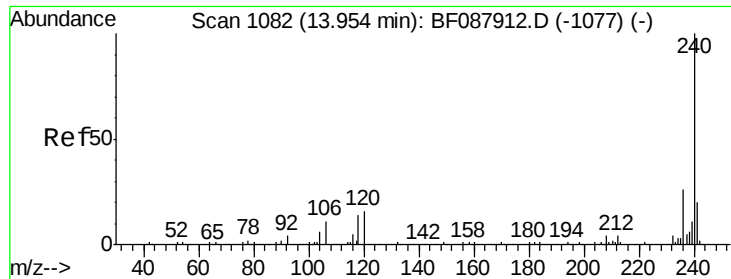


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

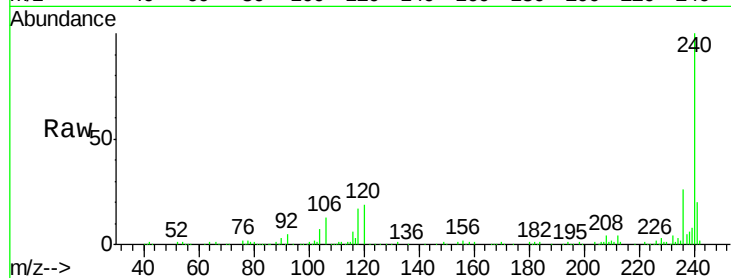




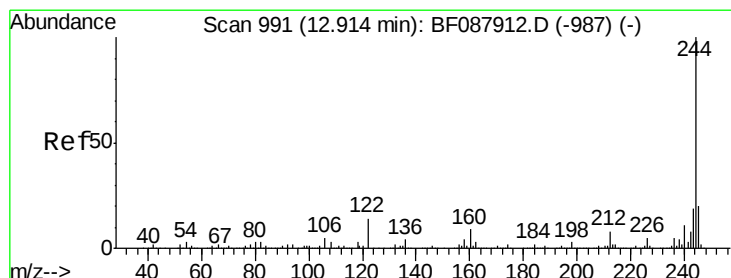
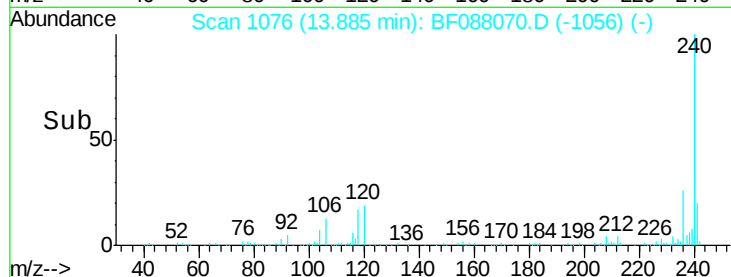
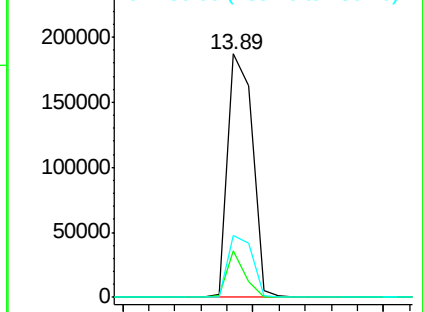
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.07 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 247154
Ion Ratio Lower Upper
240 100
120 19.0 6.8 10.2#
236 25.5 20.2 30.2

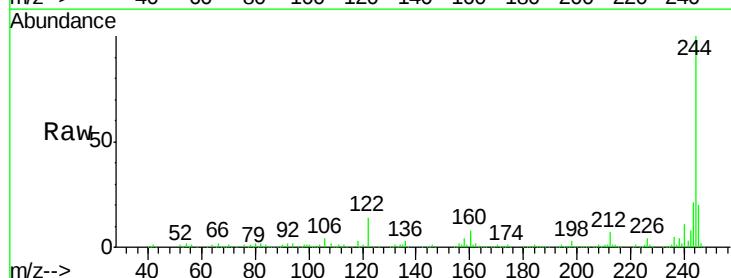


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

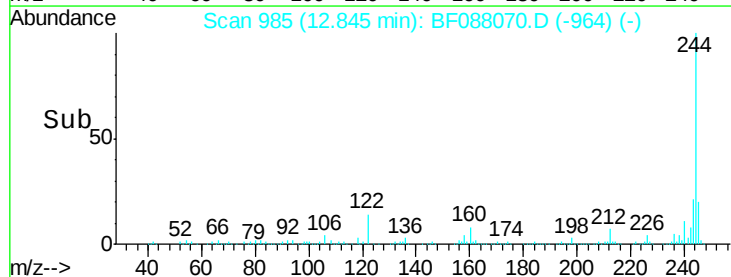
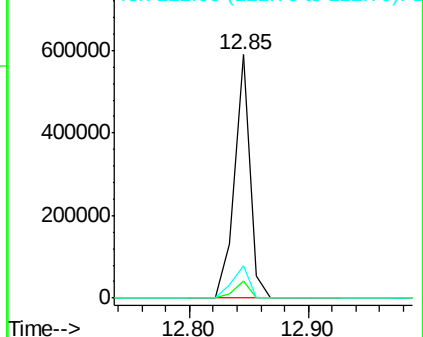


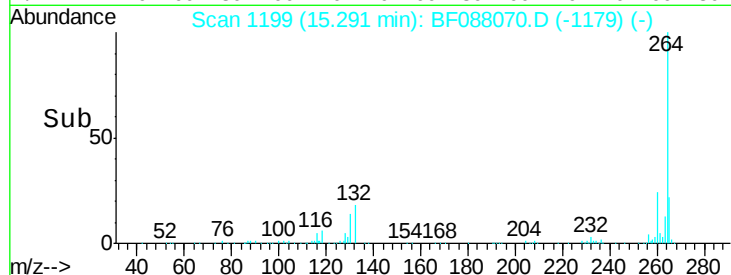
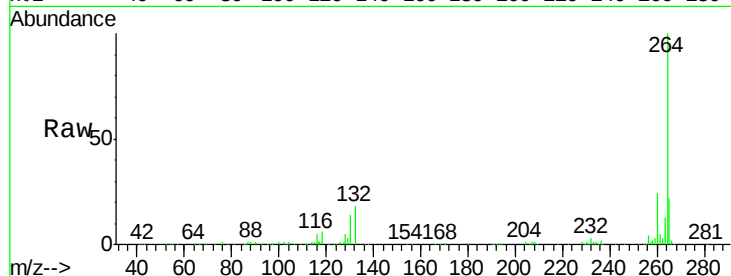
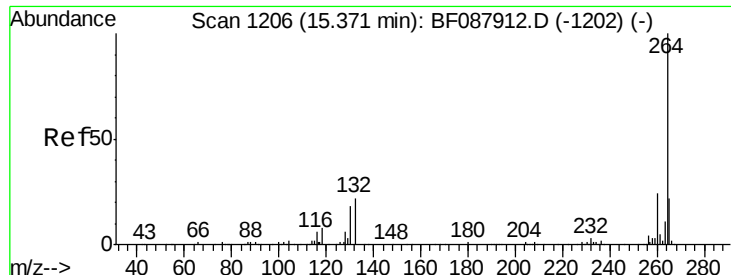
#78
Terphenyl-d14
Concen: 49.19 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Tgt Ion:244 Resp: 534213
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.6 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
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088070.D
Acq: 16 Jun 2016 8:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	252069
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	16.9	25.3

