

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079697.D
 Acq On : 4 Jun 2015 9:47
 Operator : TP/IZ
 Sample : G2429-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 15:03:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 14:55:40 2015
 Response via : Initial Calibration

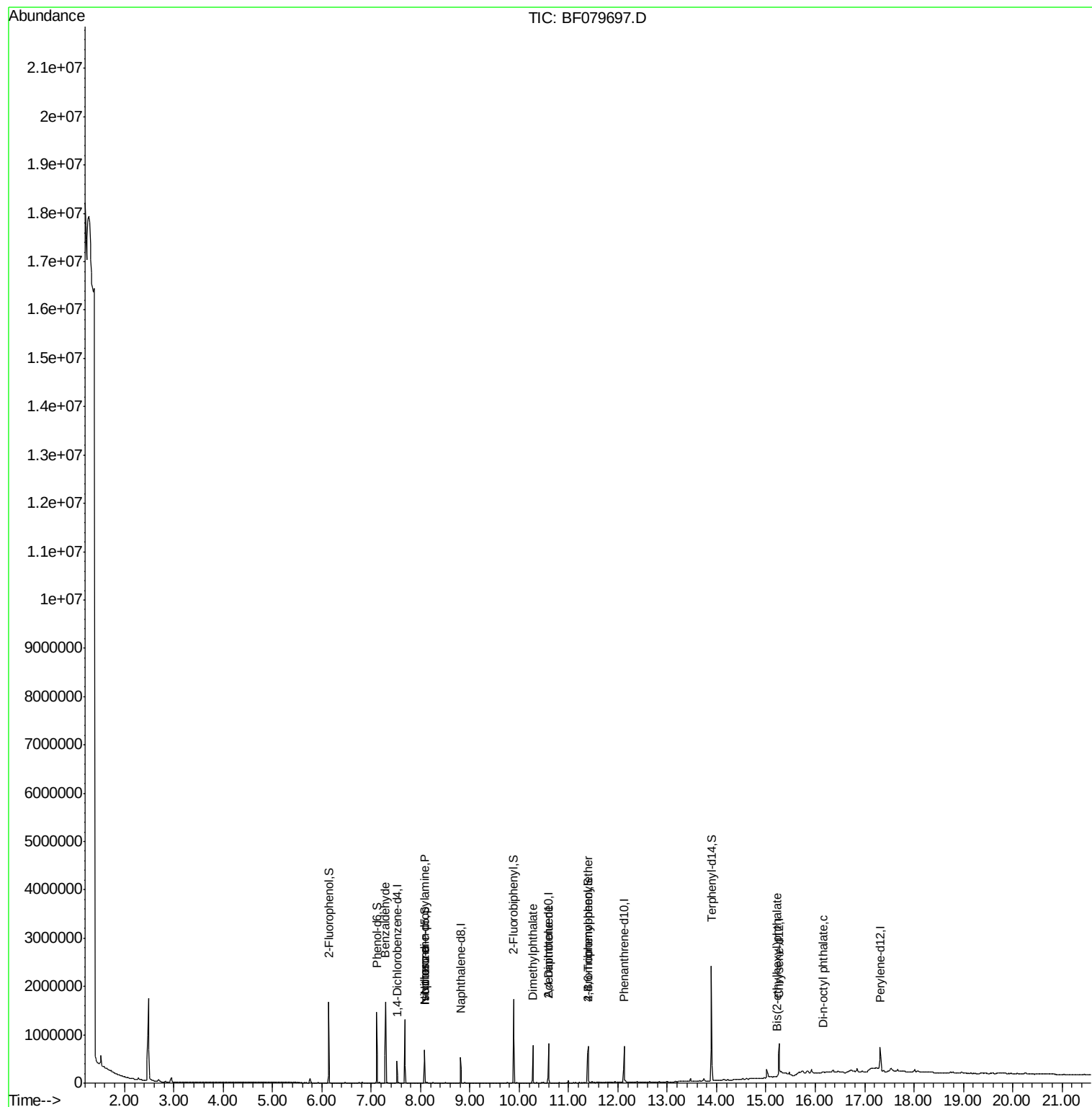
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	71235	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	274773	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	151406	20.00	ng	0.00
63) Phenanthrene-d10	12.13	188	289842	20.00	ng	-0.01
75) Chrysene-d12	15.27	240	309190	20.00	ng	-0.11
86) Perylene-d12	17.31	264	287833	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	404077	102.84	ng	0.00
7) Phenol-d6	7.11	99	517539	100.66	ng	0.00
23) Nitrobenzene-d5	8.08	82	269256	50.26	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	123687	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	643793	51.08	ng	0.00
78) Terphenyl-d14	13.90	244	811861	55.38	ng	-0.06
Target Compounds						
9) Benzaldehyde	7.29	77	9708	3.25	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	8.08	70	34220	9.69	ng	# 78
25) Isophorone	8.08	82	268592	28.68	ng	# 65
49) Dimethylphthalate	10.27	163	286577	25.83	ng	99
56) 2,4-Dinitrotoluene	10.59	165	20139	13.05	ng	# 31
66) 4-Bromophenyl-phenylether	11.39	248	7976	2.74	ng	# 1
83) Bis(2-ethylhexyl)phthalate	15.22	149	5352	3.71	ng	# 97
84) Di-n-octyl phthalate	16.16	149	4568	2.13	ng	# 71

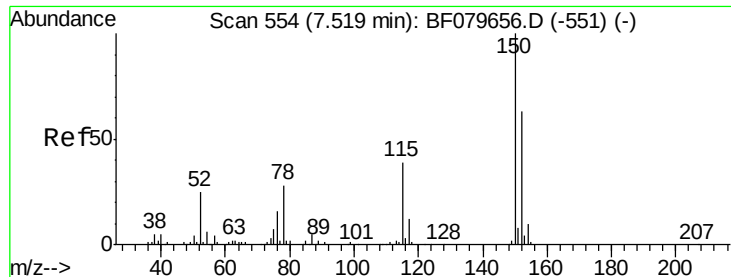
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 04 15:03:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 14:55:40 2015
Response via : Initial Calibration



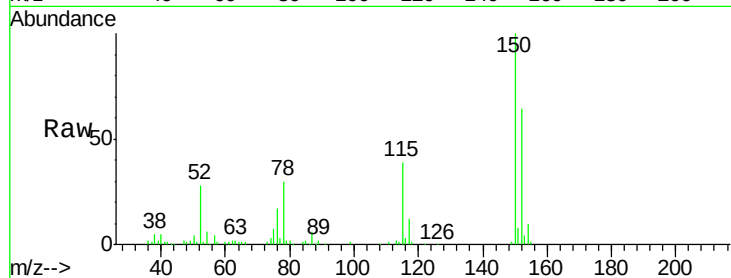


#1

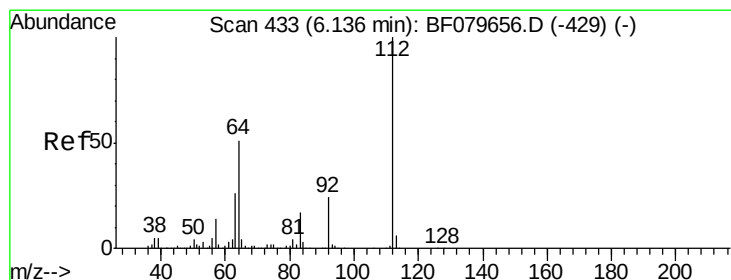
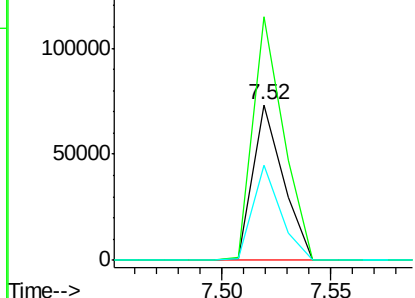
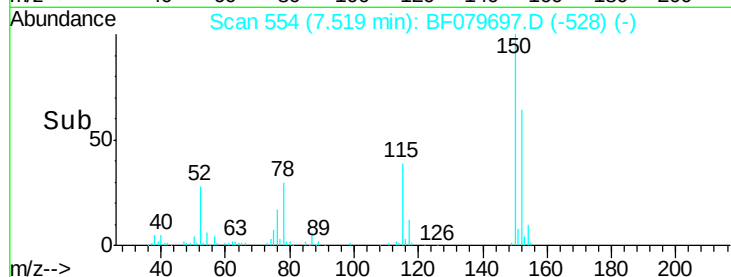
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71235
Ion Ratio Lower Upper
152 100
150 156.5 126.7 190.1
115 61.3 49.2 73.8



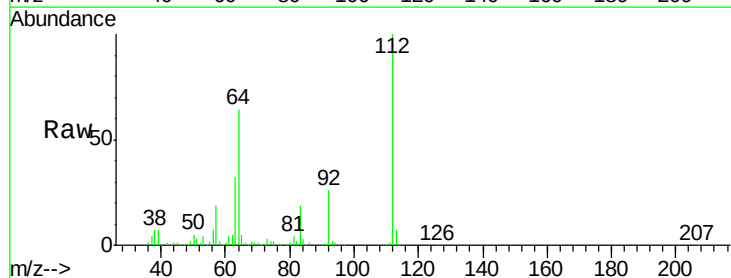
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



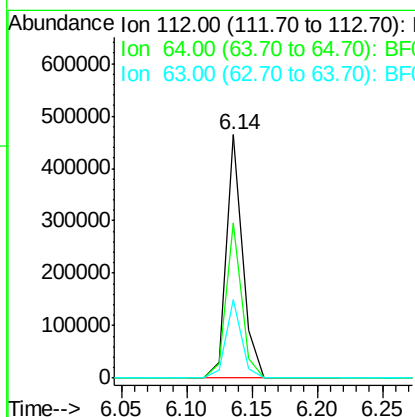
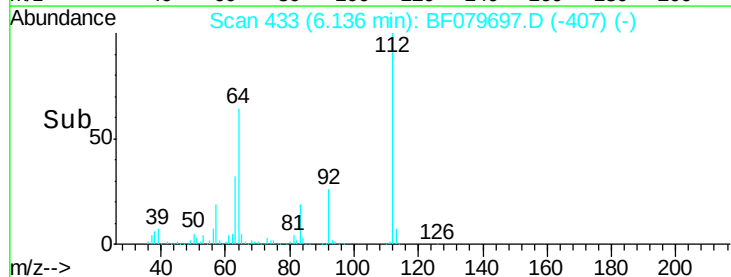
#5

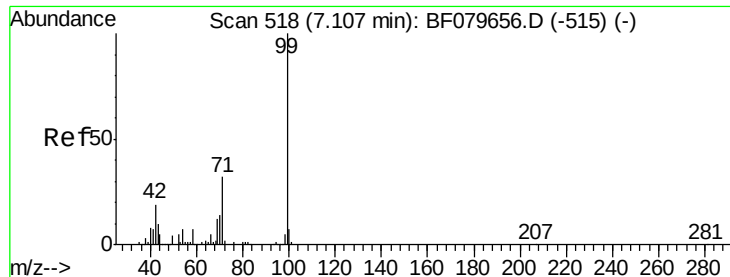
2-Fluorophenol
Concen: 102.84 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Tgt Ion:112 Resp: 404077
Ion Ratio Lower Upper
112 100
64 63.9 41.1 61.7#
63 32.3 20.5 30.7#



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: 100.66 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

Instrument :

BNA_F

ClientSampleId :

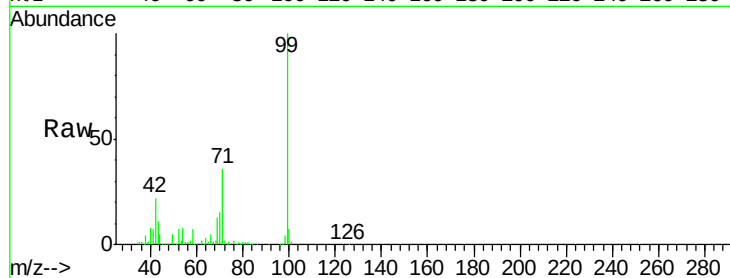
Tot Ion: 99 Resp: 517539

Ion Ratio Lower Upper

99 100

42 22.3 15.2 22.8

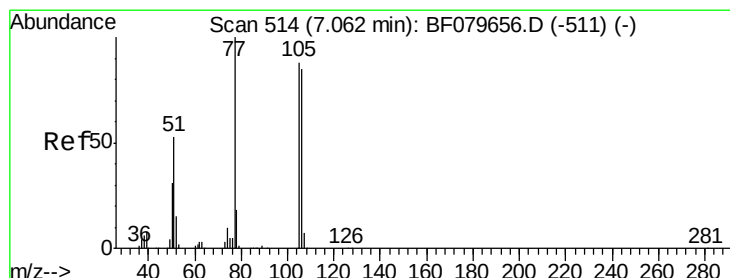
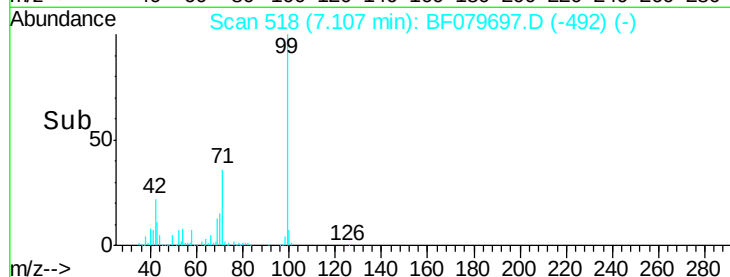
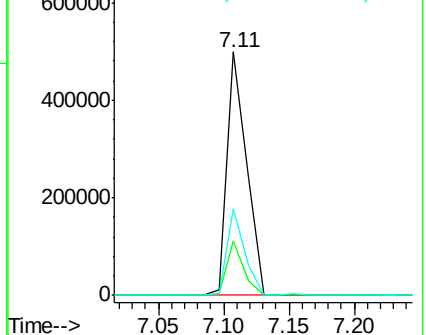
71 35.6 25.9 38.9



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: 3.25 ng

RT: 7.29 min Scan# 534

Delta R.T. 0.23 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

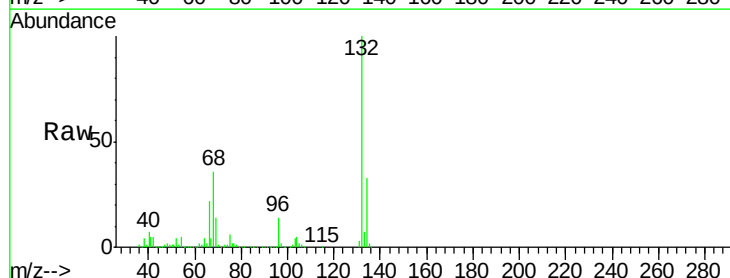
Tgt Ion: 77 Resp: 9708

Ion Ratio Lower Upper

77 100

105 95.0 68.2 108.2

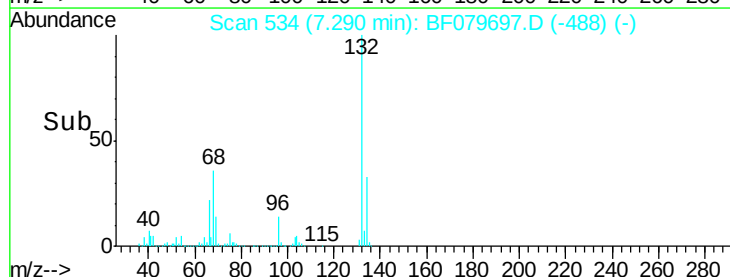
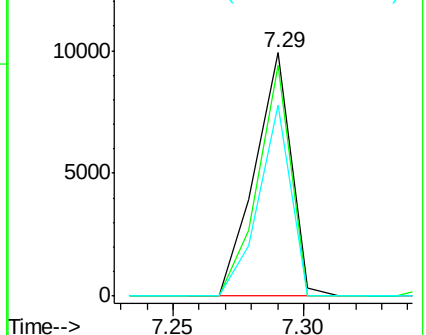
106 78.6 64.9 104.9

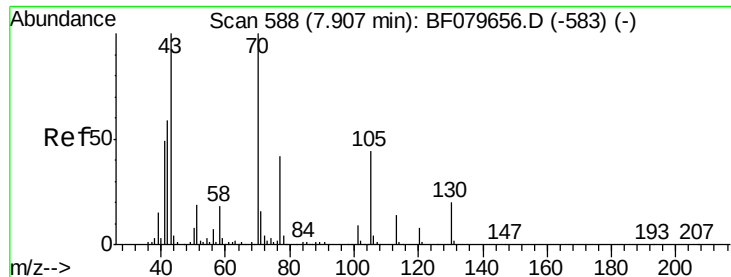


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

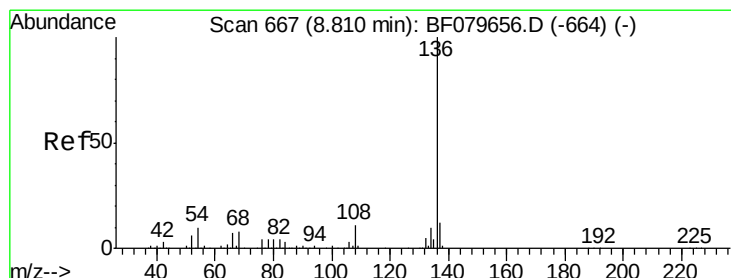
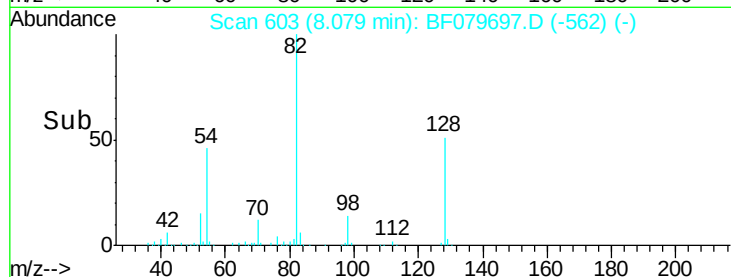
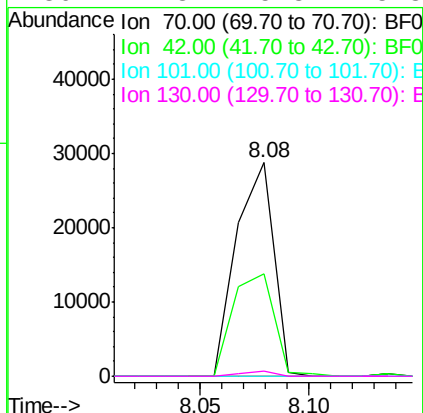
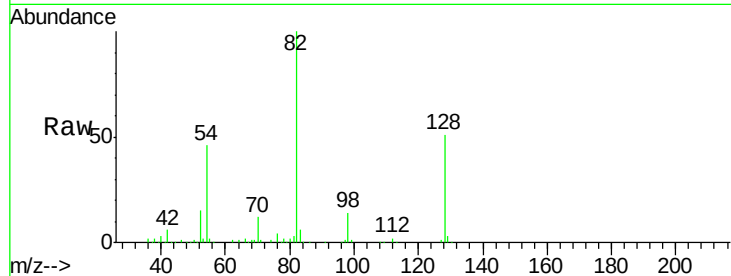




#19
n-Nitroso-di-n-propylamine
Concen: 9.69 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.17 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

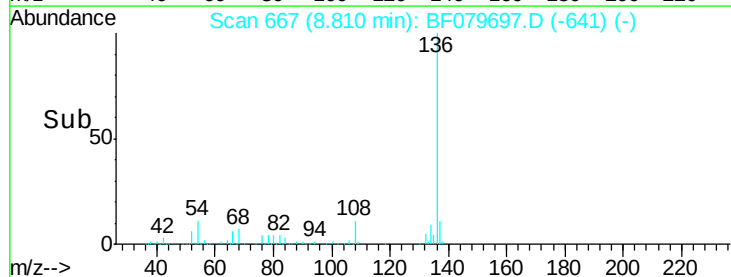
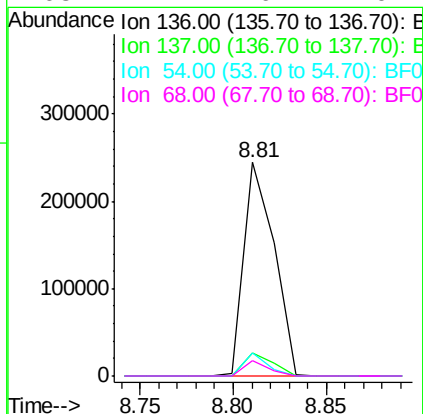
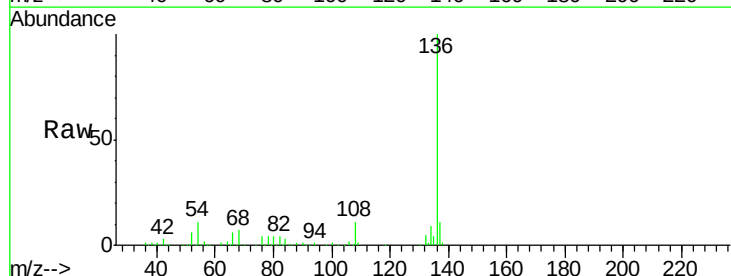
Instrument :
BNA_F
ClientSampleId :

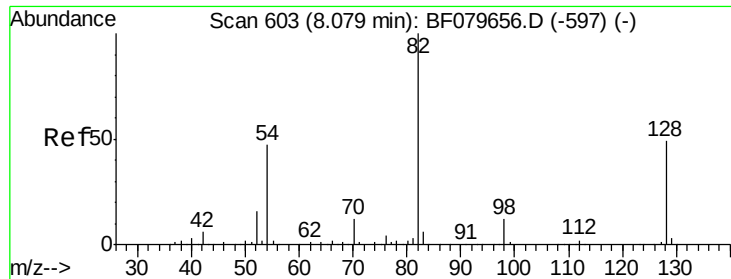
Tot Ion: 70 Resp: 34220
Ion Ratio Lower Upper
70 100
42 47.8 47.7 71.5
101 0.0 7.4 11.0#
130 2.3 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Tgt Ion:136 Resp: 274773
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.6 8.3 12.5
68 7.4 6.1 9.1

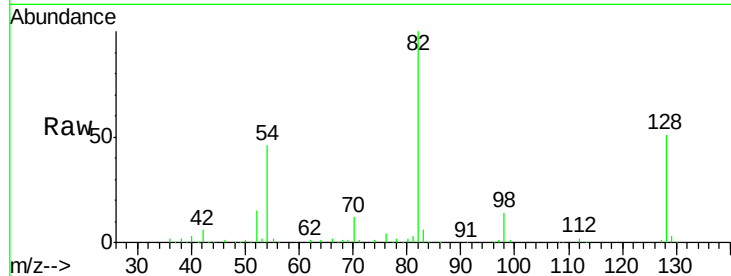




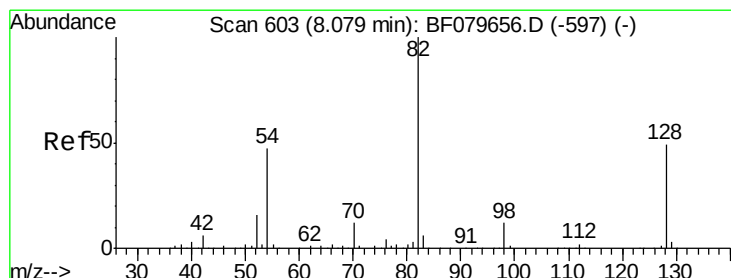
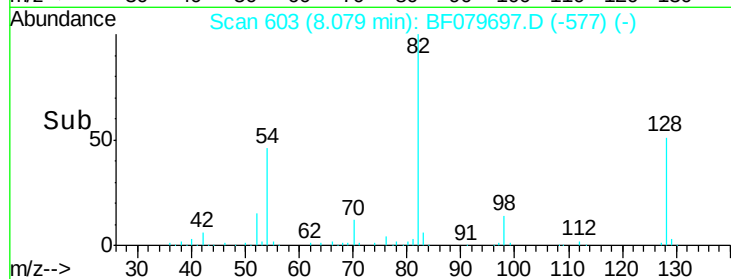
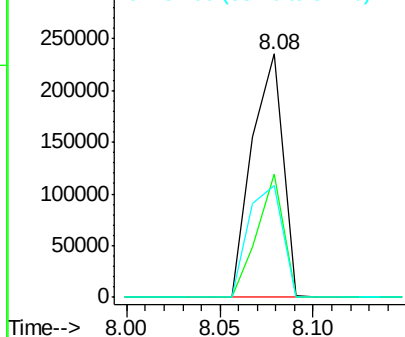
#23
 Nitrobenzene-d5
 Concen: 50.26 ng
 RT: 8.08 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF079697.D
 Acq: 4 Jun 2015 9:47

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 269256
 Ion Ratio Lower Upper
 82 100
 128 50.7 39.4 59.0
 54 45.8 37.4 56.0

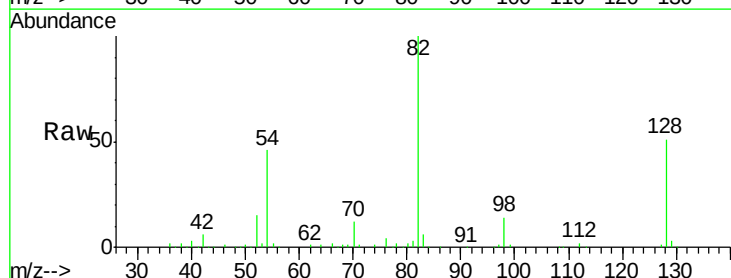


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

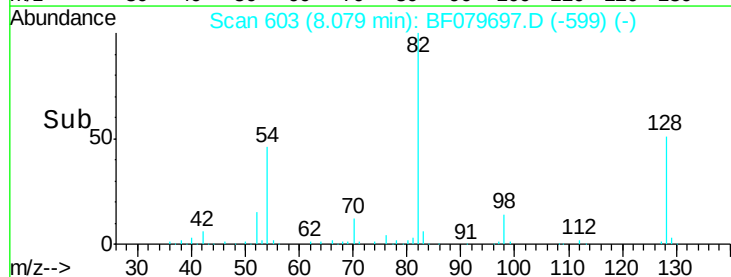
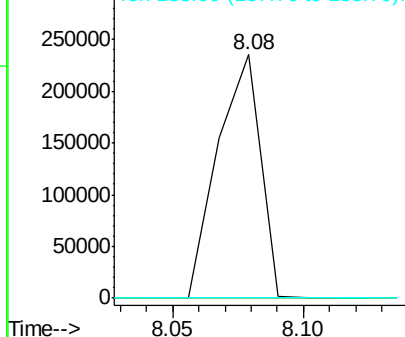


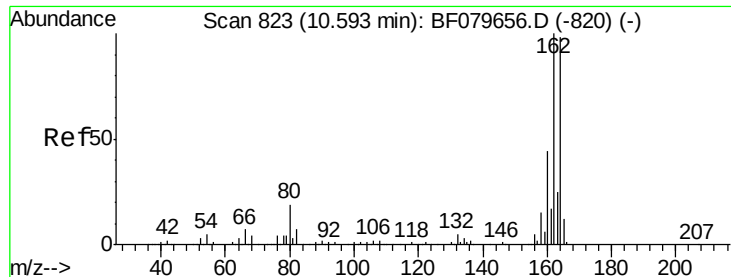
#25
 Isophorone
 Concen: 28.68 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.25 min
 Lab File: BF079697.D
 Acq: 4 Jun 2015 9:47

Tgt Ion: 82 Resp: 268592
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.4 21.6#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

Instrument :

BNA_F

ClientSampleId :

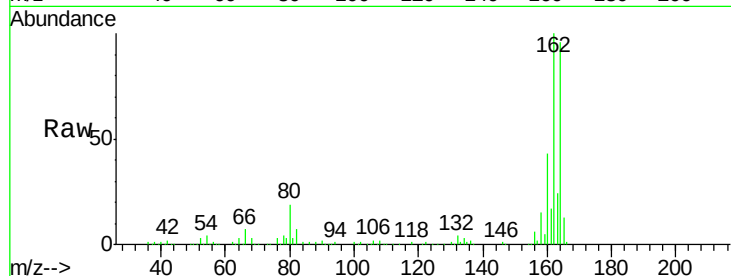
Tot Ion:164 Resp: 151406

Ion Ratio Lower Upper

164 100

162 104.0 82.0 123.0

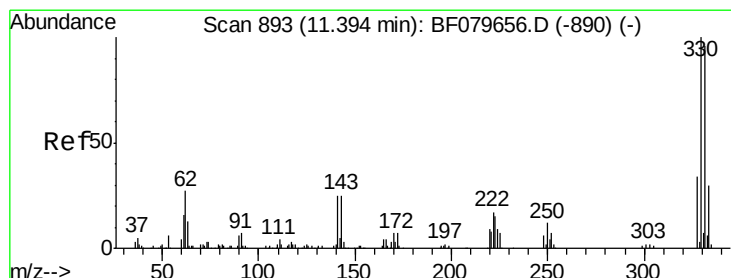
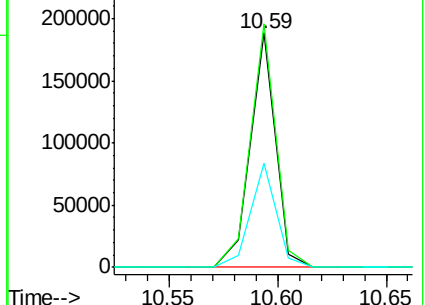
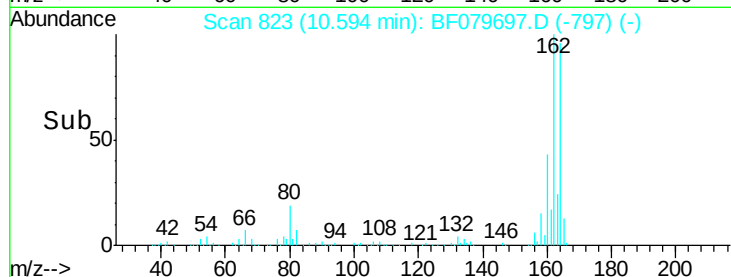
160 44.6 35.9 53.9



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: 98.98 ng

RT: 11.39 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

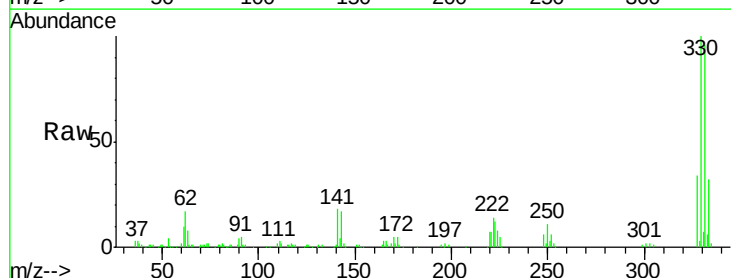
Tgt Ion:330 Resp: 123687

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

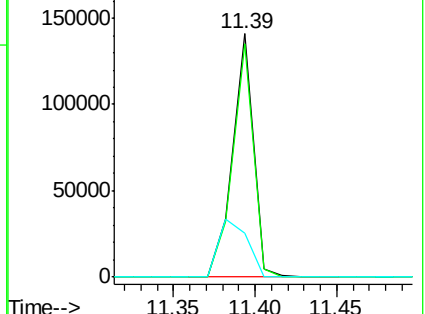
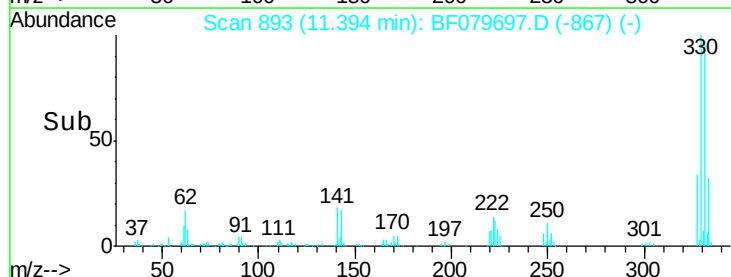
141 33.2 27.4 41.2

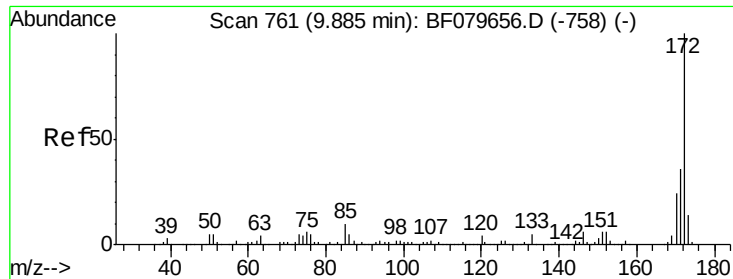


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

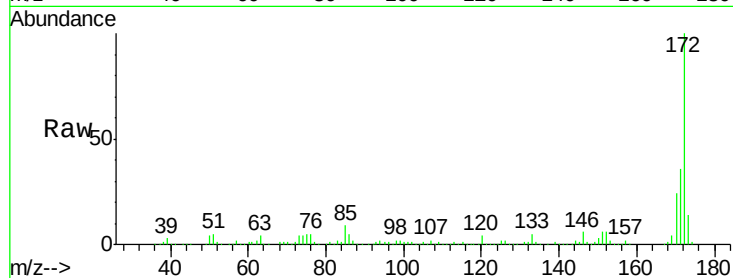




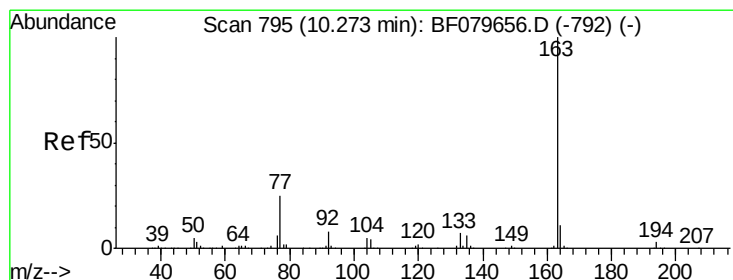
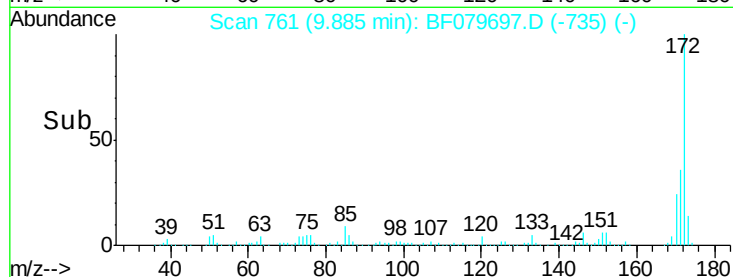
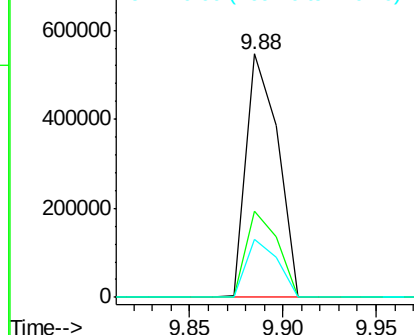
#44
2-Fluorobiphenyl
Concen: 51.08 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 643793
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 19.2 28.8

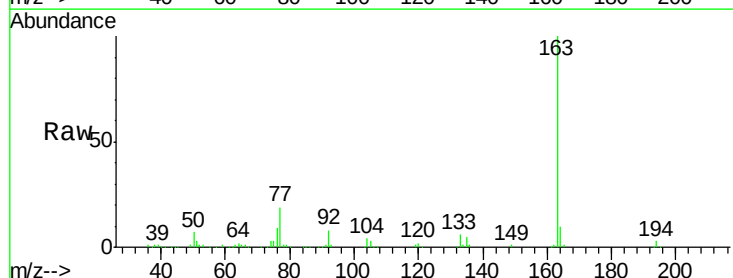


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

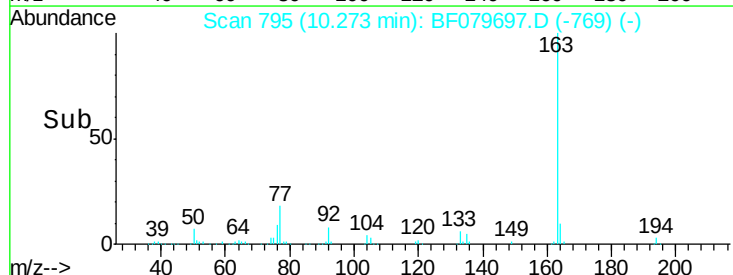
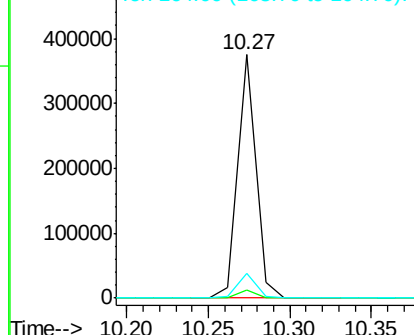


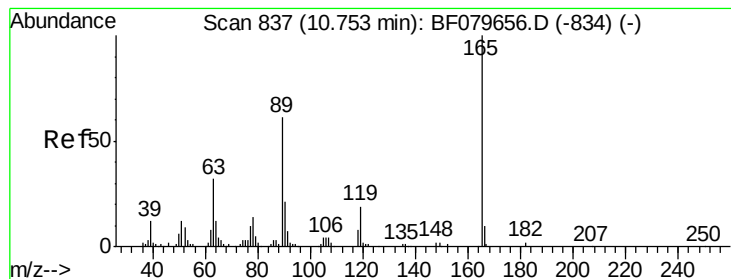
#49
Dimethylphthalate
Concen: 25.83 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Tgt Ion:163 Resp: 286577
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.1 8.6 12.8



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: 13.05 ng

RT: 10.59 min Scan# 823

Delta R.T. -0.16 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20139

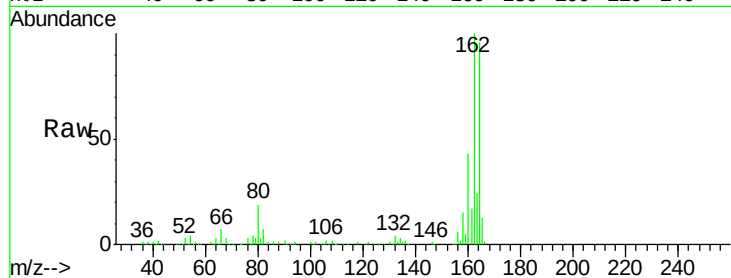
Ion Ratio Lower Upper

165 100

63 1.8 25.5 38.3#

89 0.0 48.5 72.7#

182 0.0 1.9 2.9#

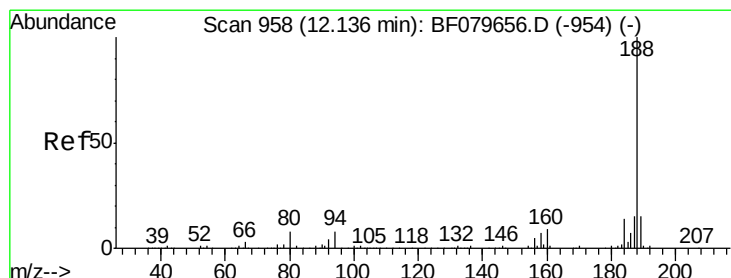
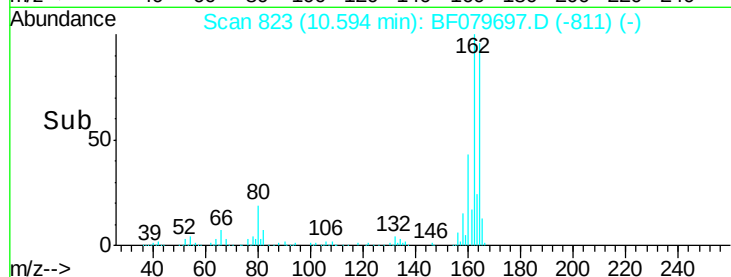
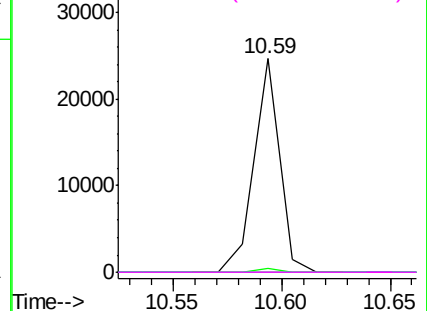


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.13 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

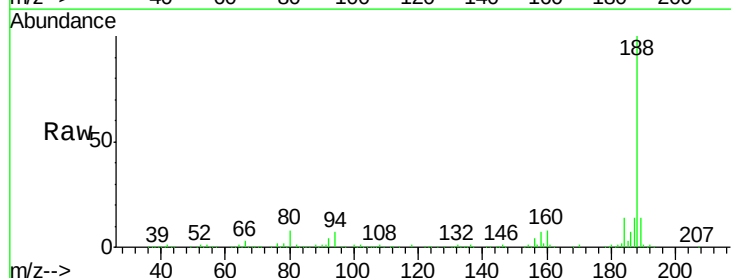
Tgt Ion:188 Resp: 289842

Ion Ratio Lower Upper

188 100

94 7.2 6.1 9.1

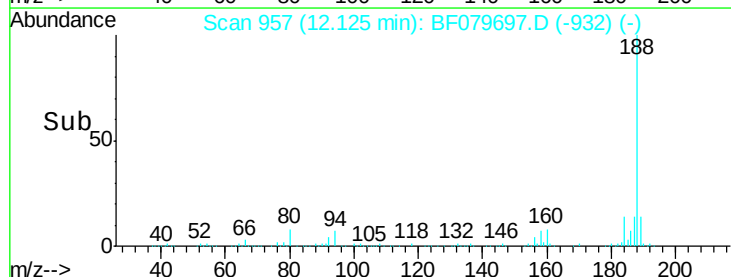
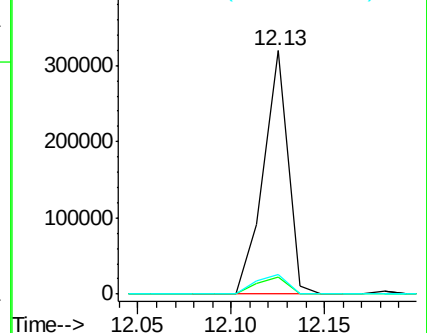
80 7.9 6.2 9.2

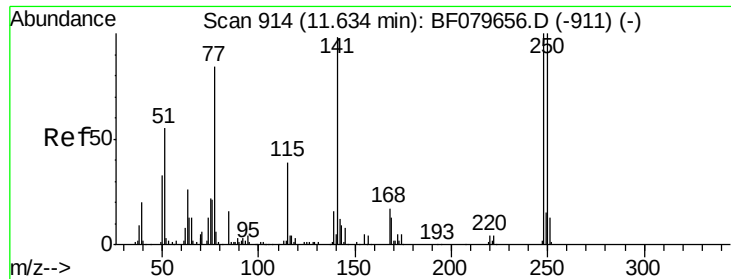


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

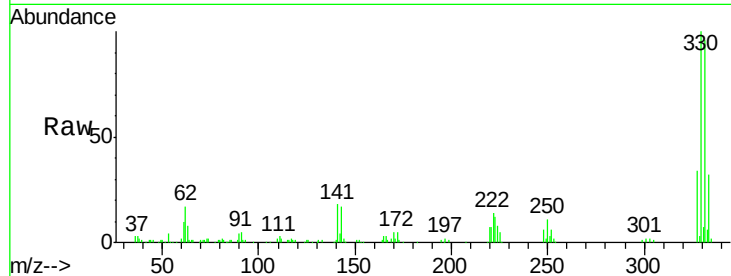




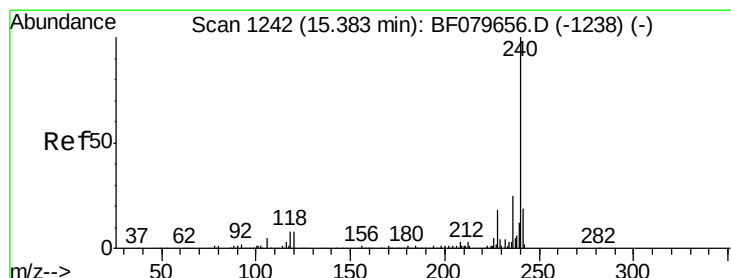
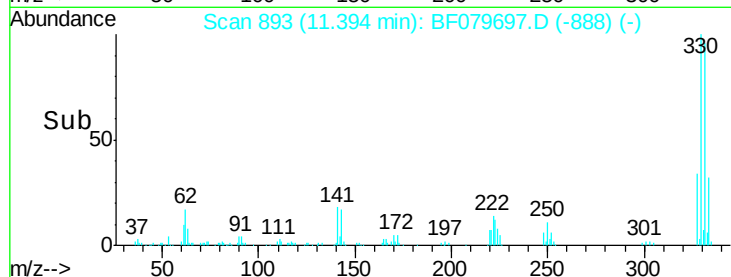
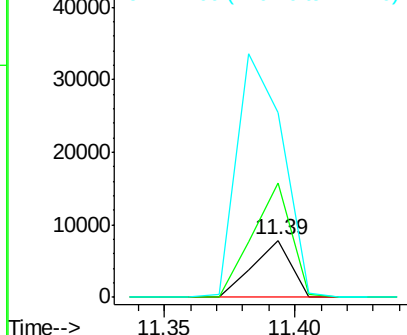
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.24 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7976
Ion Ratio Lower Upper
248 100
250 200.8 80.0 120.0#
141 323.7 78.8 118.2#

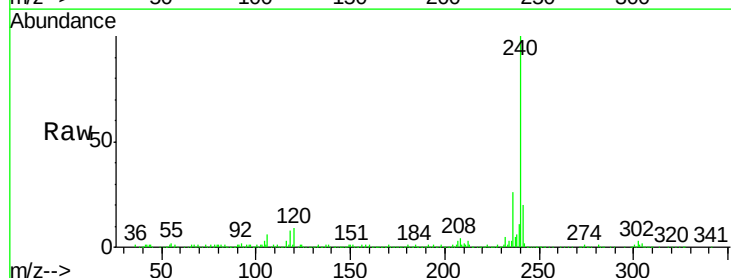


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

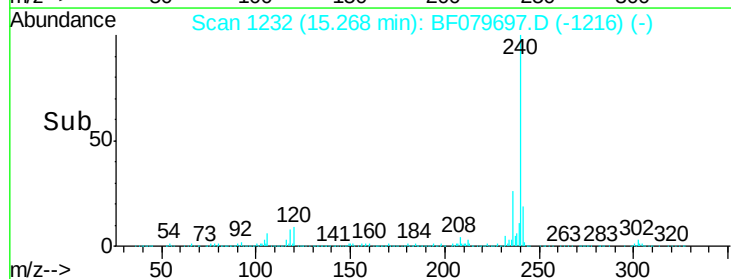
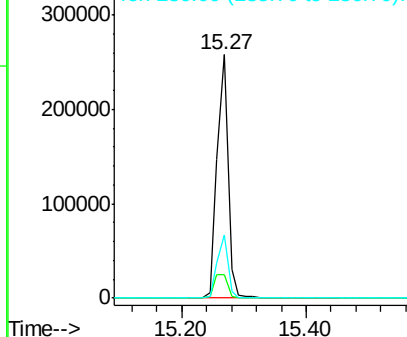


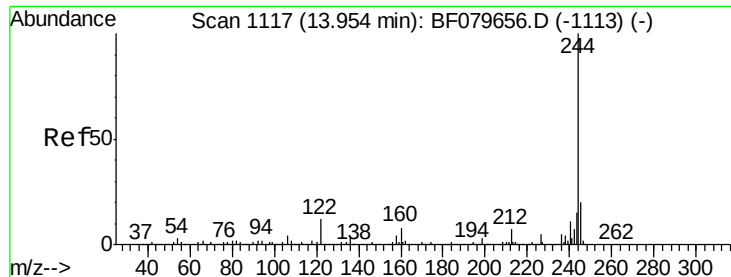
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1232
Delta R.T. -0.11 min
Lab File: BF079697.D
Acq: 4 Jun 2015 9:47

Tgt Ion:240 Resp: 309190
Ion Ratio Lower Upper
240 100
120 9.4 6.4 9.6
236 26.0 20.2 30.4



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: 55.38 ng

RT: 13.90 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

Instrument :

BNA_F

ClientSampleId :

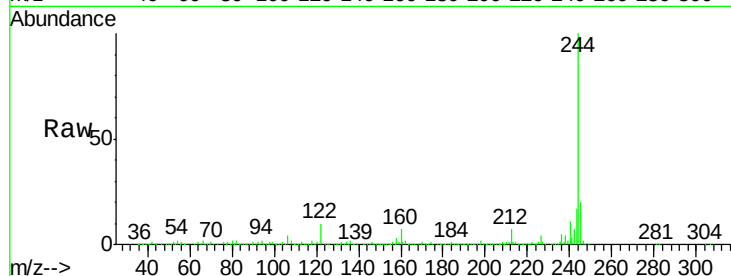
Tot Ion:244 Resp: 811861

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

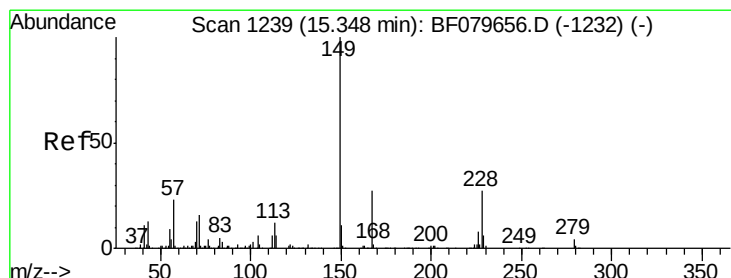
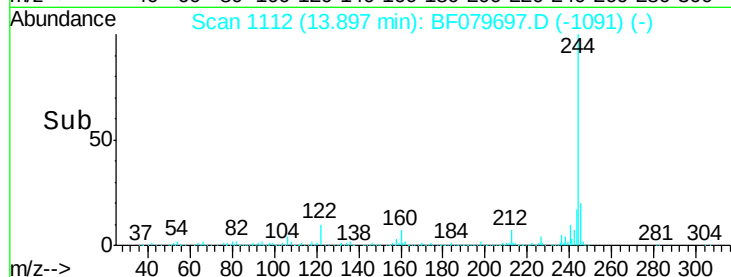
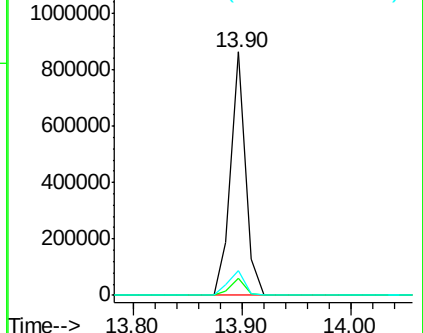
122 9.9 9.8 14.6



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: 3.71 ng

RT: 15.22 min Scan# 1228

Delta R.T. -0.13 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

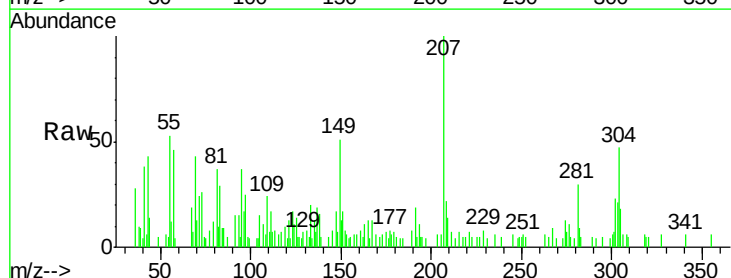
Tgt Ion:149 Resp: 5352

Ion Ratio Lower Upper

149 100

167 26.3 21.6 32.4

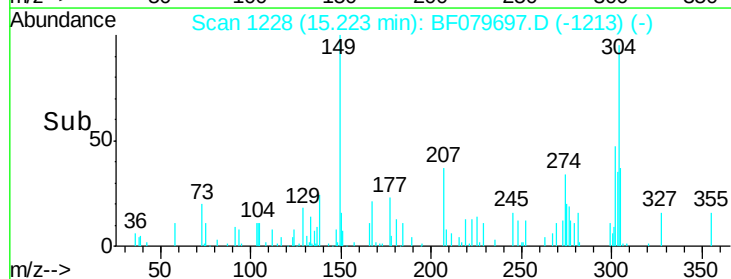
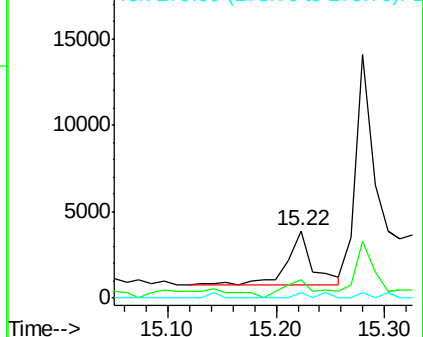
279 8.1 3.1 4.7#

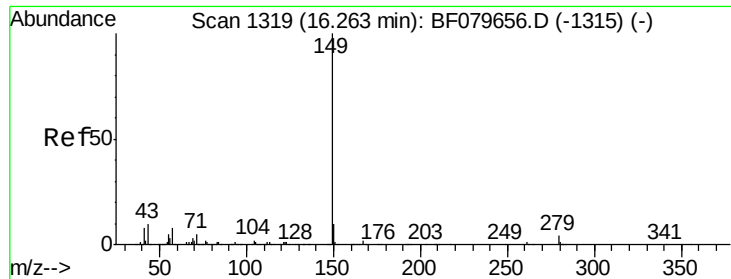


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.13 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.10 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

Instrument :

BNA_F

ClientSampleId :

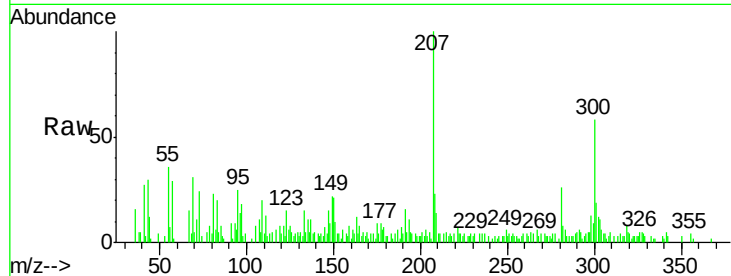
Tot Ion:149 Resp: 4568

Ion Ratio Lower Upper

149 100

167 6.4 1.2 1.8#

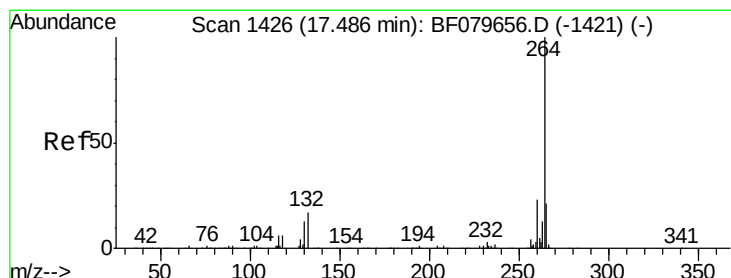
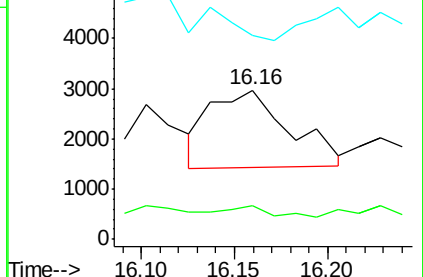
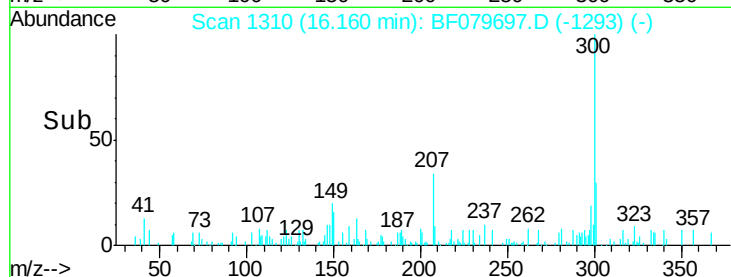
43 0.0 9.4 14.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.31 min Scan# 1411

Delta R.T. -0.17 min

Lab File: BF079697.D

Acq: 4 Jun 2015 9:47

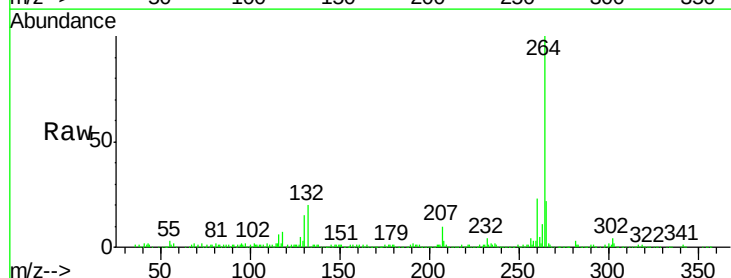
Tgt Ion:264 Resp: 287833

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 17.4 26.0



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

