

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096840.D
 Acq On : 18 Jul 2017 11:39
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3573-PA3

Quant Time: Jul 18 12:17:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 11:39:34 2017
 Response via : Initial Calibration

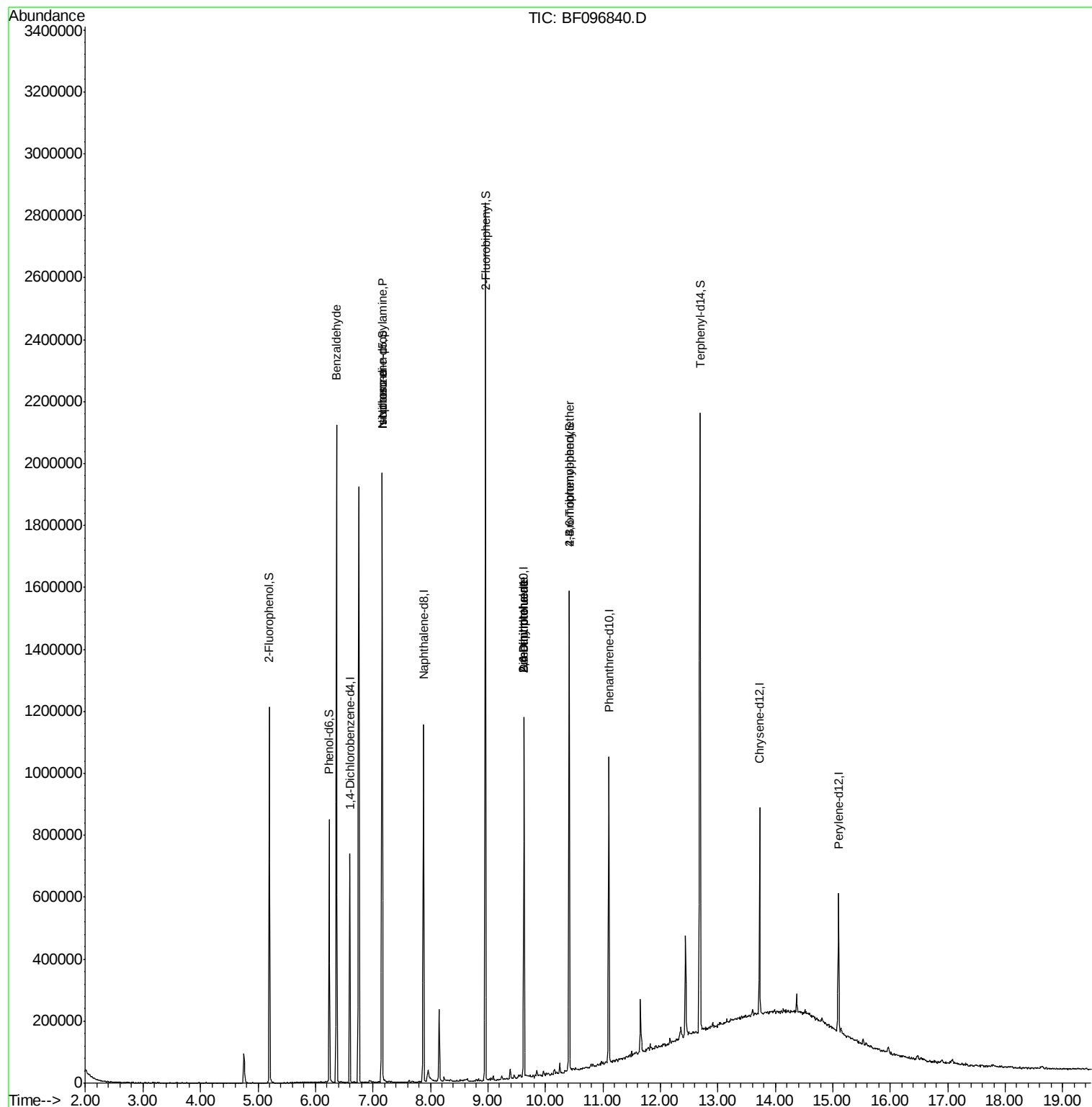
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110770	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	514235	20.00	ng	-0.04
38) Acenaphthene-d10	9.63	164	211276	20.00	ng	-0.04
63) Phenanthrene-d10	11.10	188	334696	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	197833	20.00	ng	-0.05
86) Perylene-d12	15.10	264	179042	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	320736	43.54	ng	-0.03
7) Phenol-d6	6.24	99	244013	27.60	ng	-0.04
23) Nitrobenzene-d5	7.16	82	591661	71.27	ng	-0.04
41) 2,4,6-Tribromophenol	10.42	330	185908	103.09	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	986713	73.79	ng	-0.04
78) Terphenyl-d14	12.69	244	709721	62.22	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.37	77	11806	2.310	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	79616	14.948	ng	# 88
25) Isophorone	7.16	82	545194	35.301	ng	# 67
49) Dimethylphthalate	9.63	163	63460	3.989	ng	# 1
50) 2,6-Dinitrotoluene	9.63	165	27224	7.901	ng	# 34
56) 2,4-Dinitrotoluene	9.63	165	27224	6.148	ng	# 34
66) 4-Bromophenyl-phenylether	10.42	248	11800	3.453	ng	# 1

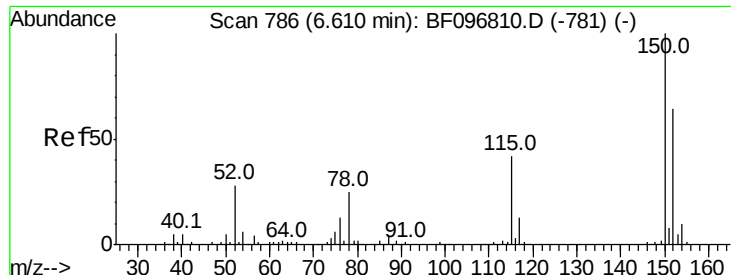
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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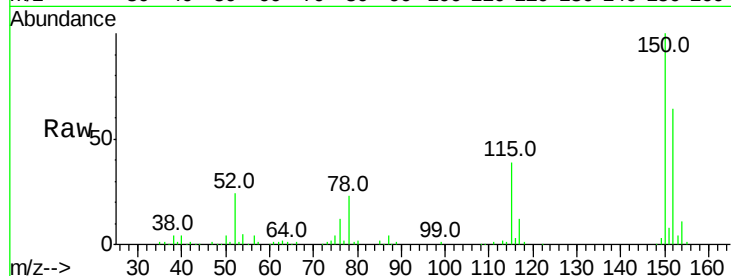


#1

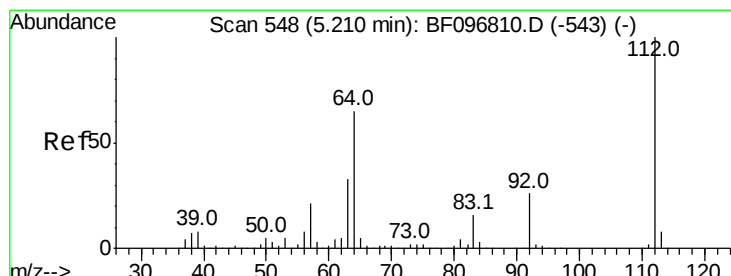
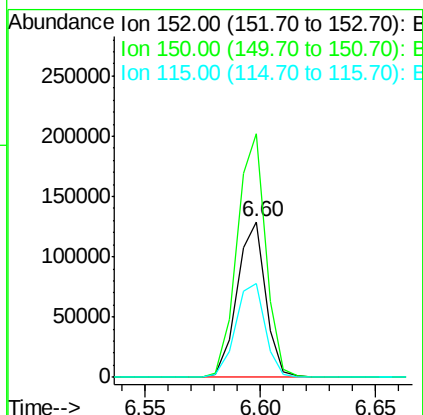
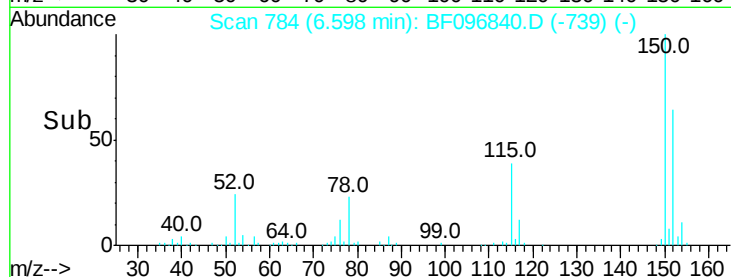
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.04 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Instrument :
BNA_F
ClientSampleId :
3573-PA3

Tot Ion:152 Resp: 110770
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 60.8 52.2 78.2



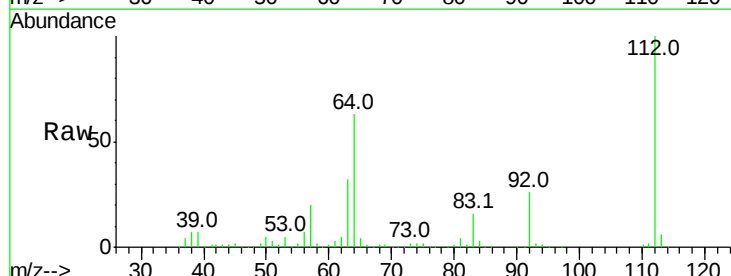
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



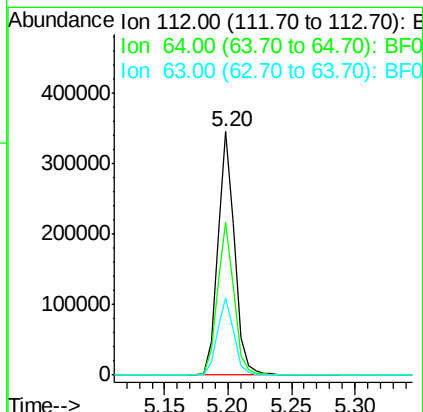
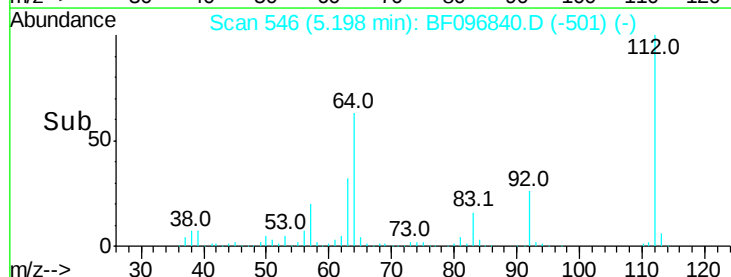
#5

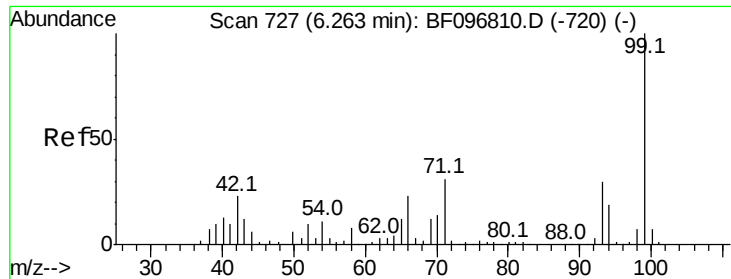
2-Fluorophenol
Concen: 43.536 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Tgt Ion:112 Resp: 320736
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 31.9 23.4 35.0



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: 27.601 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

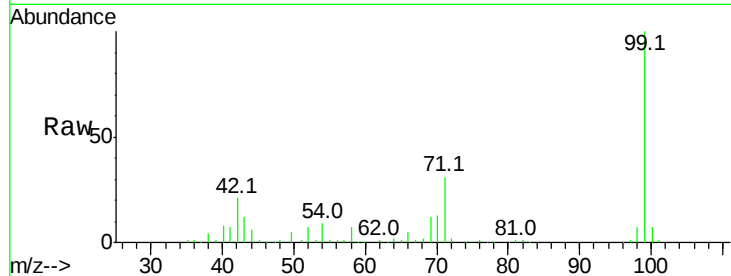
Tot Ion: 99 Resp: 244013

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

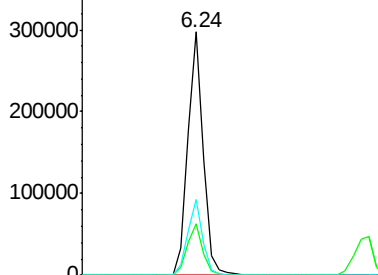
71 31.1 24.5 36.7



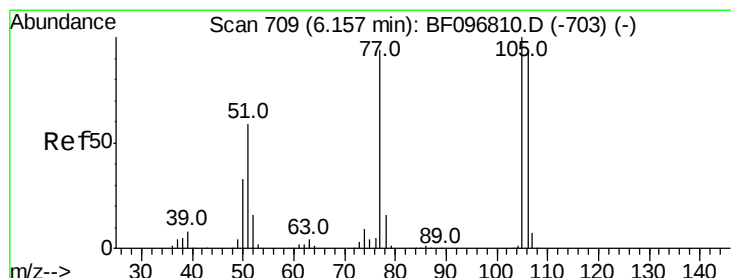
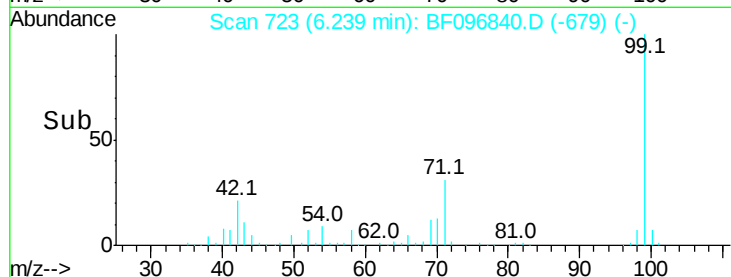
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 2.310 ng

RT: 6.37 min Scan# 745

Delta R.T. 0.19 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

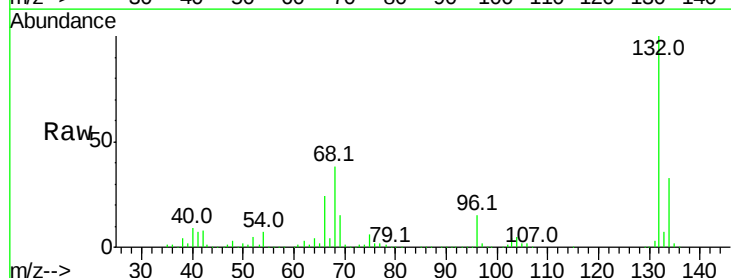
Tgt Ion: 77 Resp: 11806

Ion Ratio Lower Upper

77 100

105 81.1 83.8 123.8#

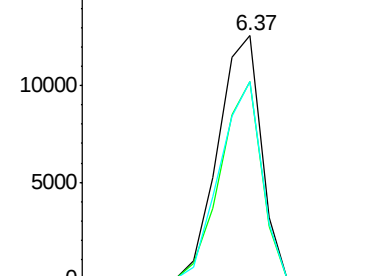
106 81.2 79.1 119.1



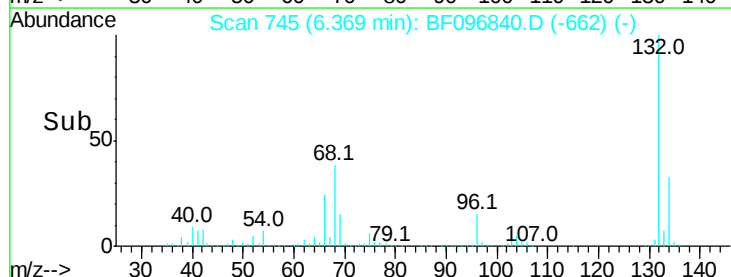
Abundance Ion 77.00 (76.70 to 77.70): BF0

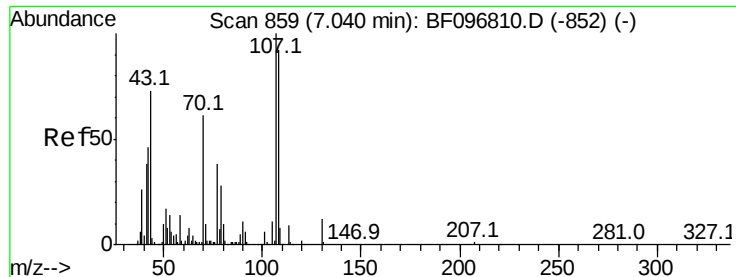
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->

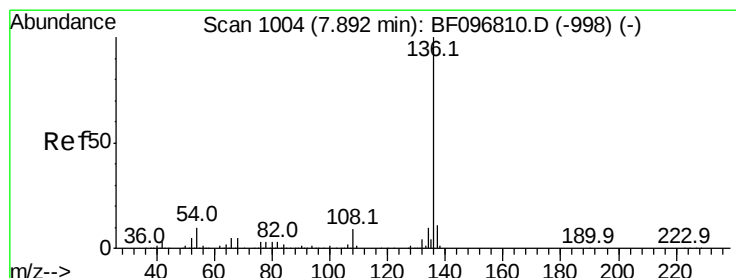
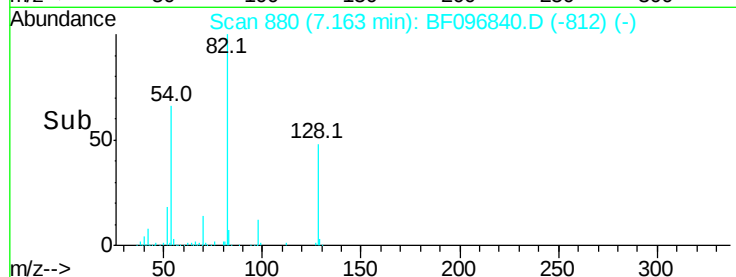
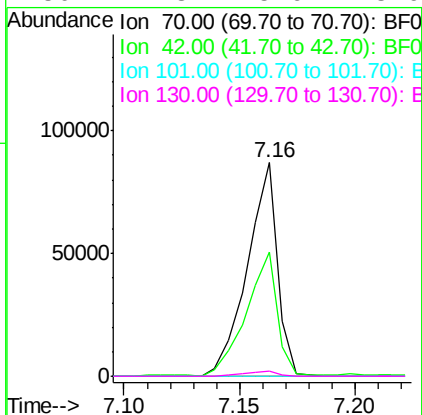
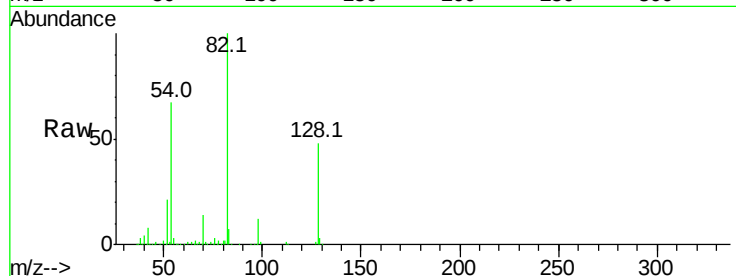




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.948 ng
 RT: 7.16 min Scan# 880
 Delta R.T. 0.10 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

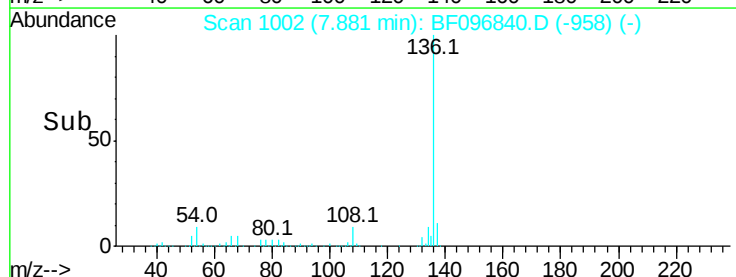
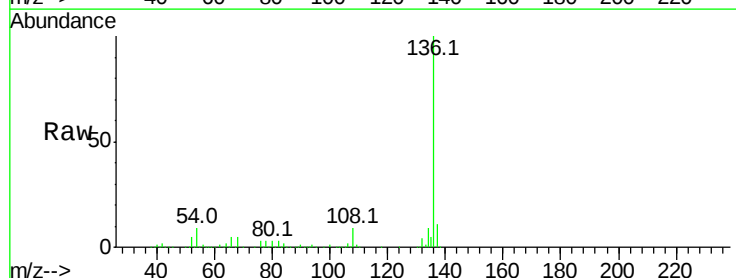
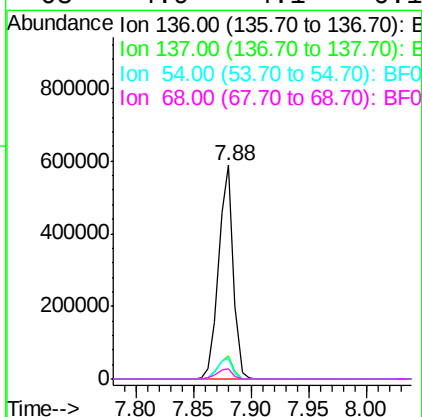
Instrument :
 BNA_F
 ClientSampleId :
 3573-PA3

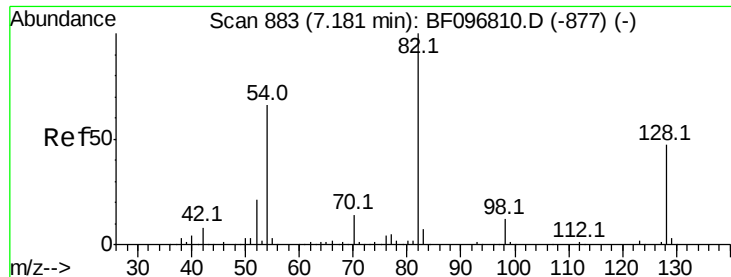
Tot Ion: 70 Resp: 79616
 Ion Ratio Lower Upper
 70 100
 42 58.3 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.3 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.88 min Scan# 1002
 Delta R.T. -0.04 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

Tgt Ion: 136 Resp: 514235
 Ion Ratio Lower Upper
 136 100
 137 10.6 8.5 12.7
 54 9.4 4.9 7.3#
 68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.267 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.04 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

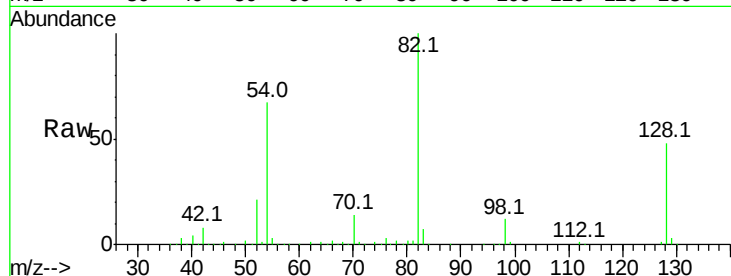
Tot Ion: 82 Resp: 591661

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

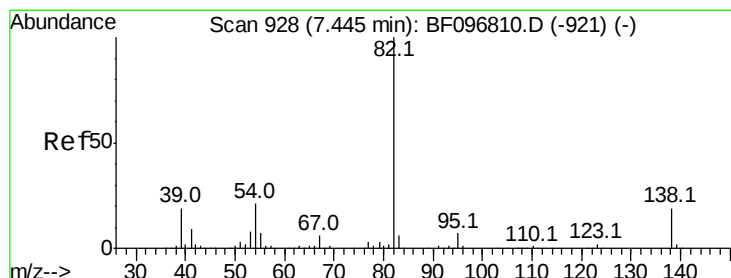
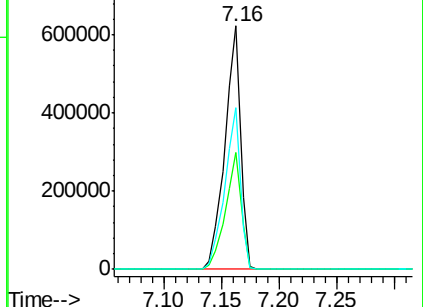
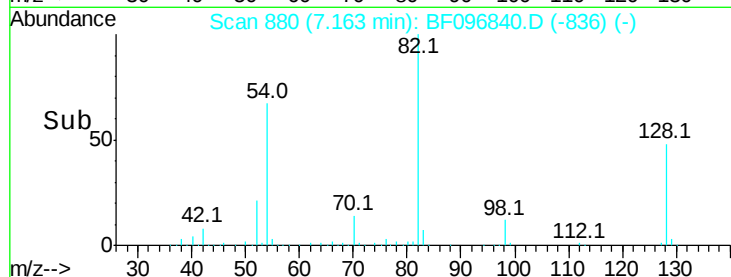
54 66.5 42.2 63.2#



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: 35.301 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.31 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

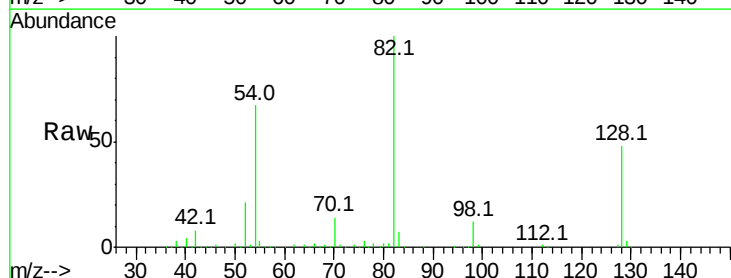
Tgt Ion: 82 Resp: 545194

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

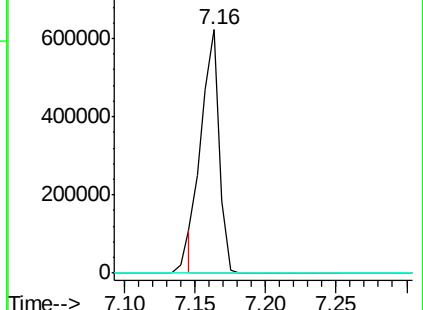
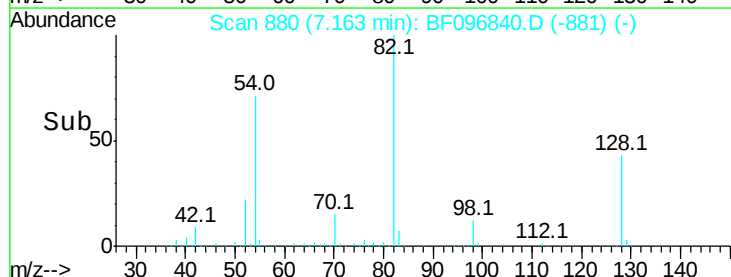
138 0.0 13.1 19.7#

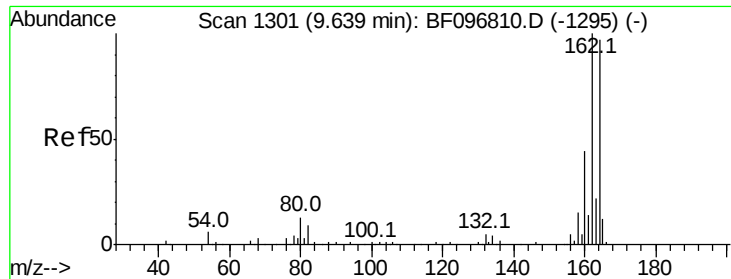


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

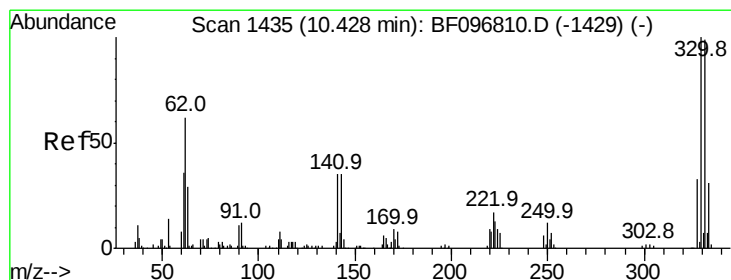
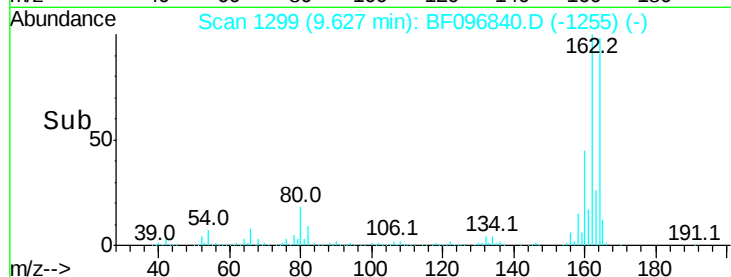
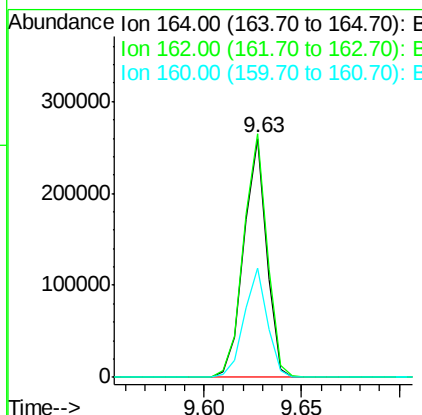
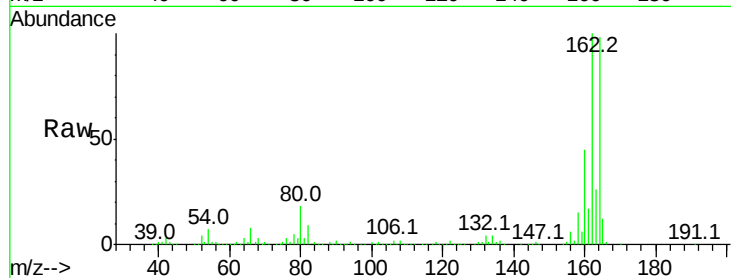




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

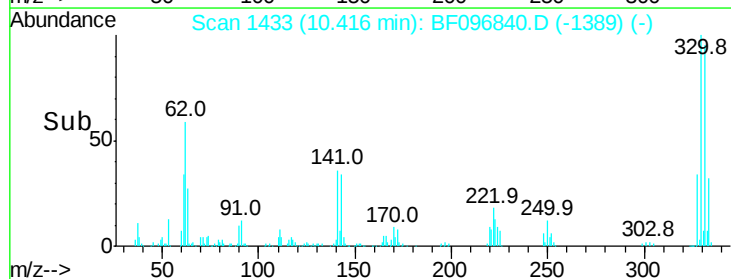
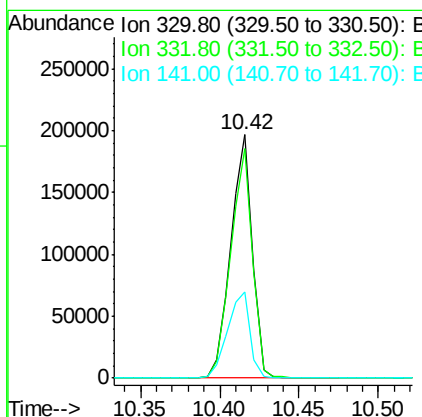
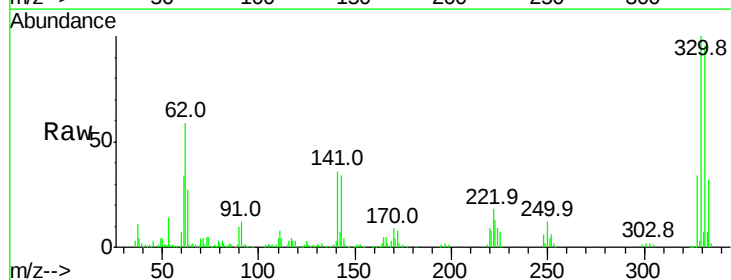
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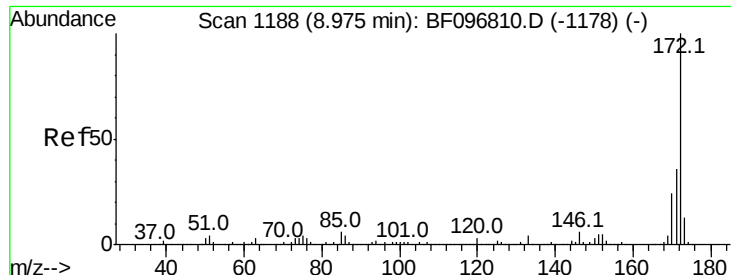
Tot Ion:164 Resp: 211276
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.0 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 103.086 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.04 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Tgt Ion:330 Resp: 185908
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 37.1 31.4 47.2

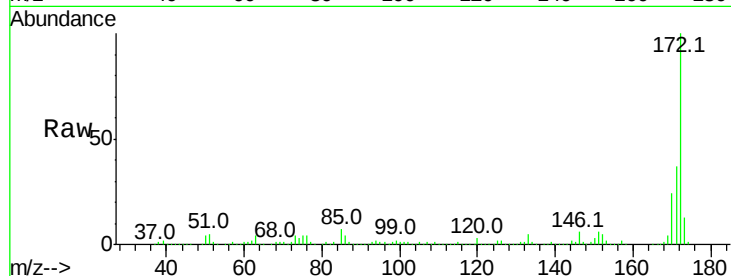




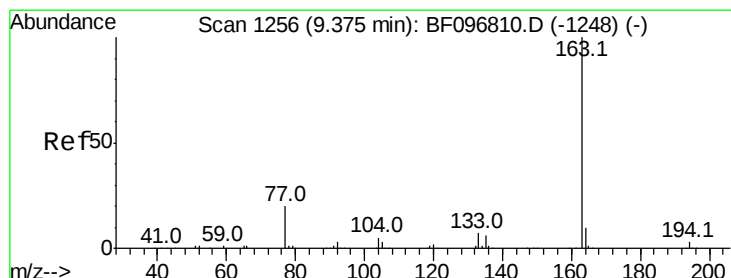
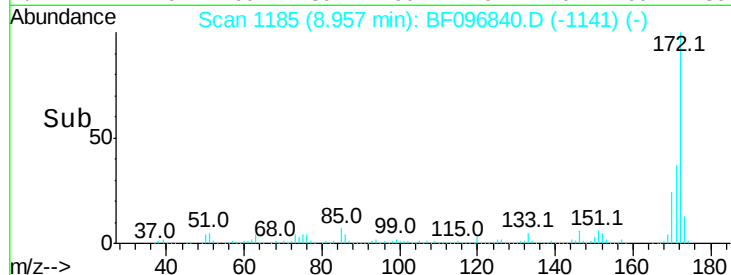
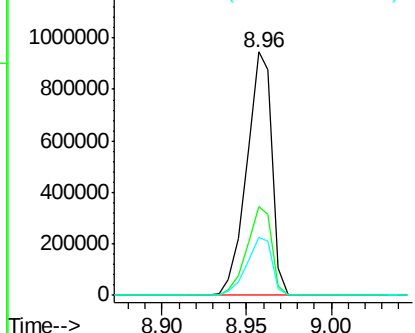
#44
2-Fluorobiphenyl
Concen: 73.786 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.04 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Instrument :
BNA_F
ClientSampleId :
3573-PA3

Tot Ion:172 Resp: 986713
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.8 29.8

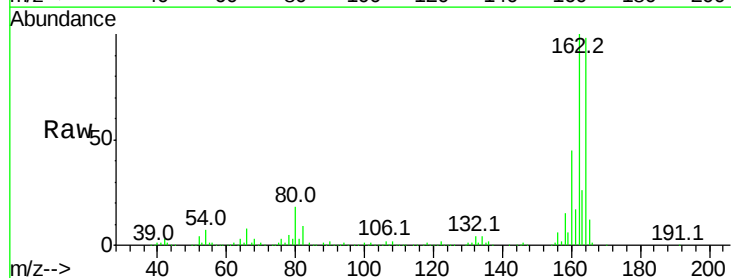


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

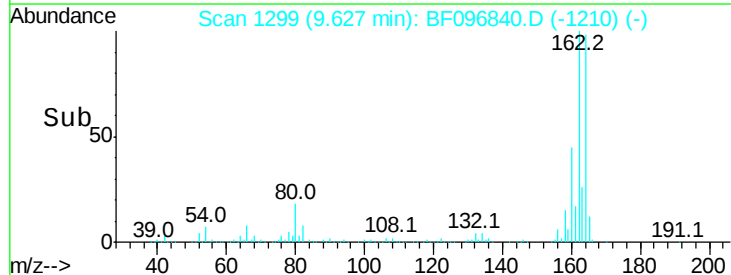
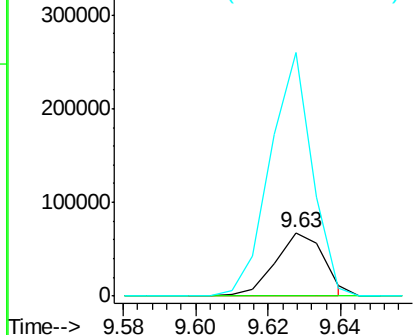


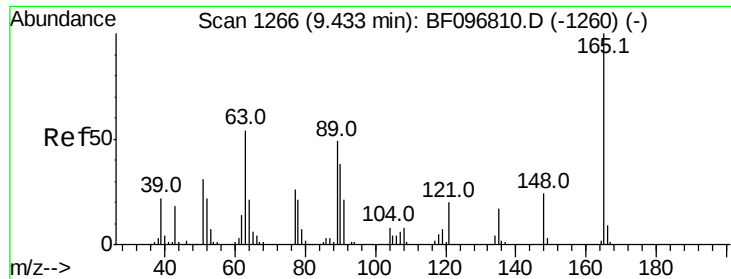
#49
Dimethylphthalate
Concen: 3.989 ng
RT: 9.63 min Scan# 1299
Delta R.T. 0.22 min
Lab File: BF096840.D
Acq: 18 Jul 2017 11:39

Tgt Ion:163 Resp: 63460
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 383.0 8.4 12.6#



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

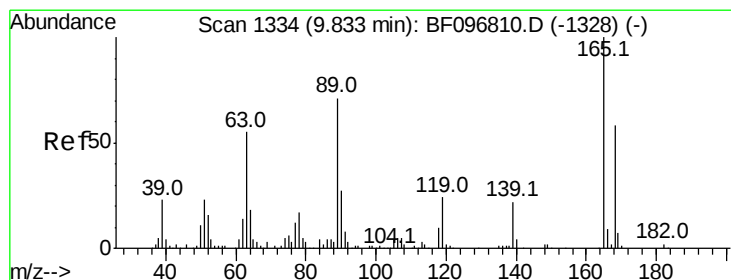
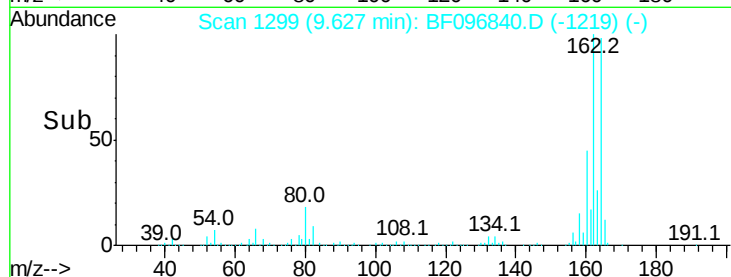
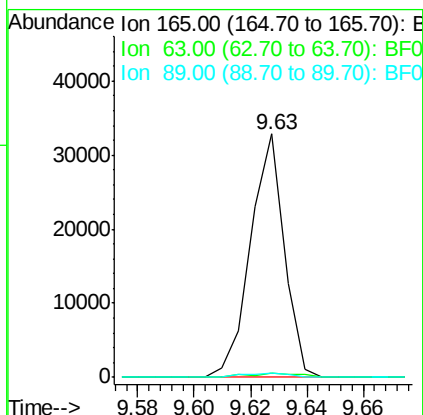
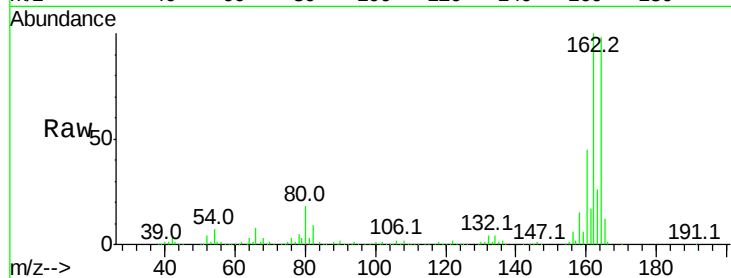




#50
 2,6-Dinitrotoluene
 Concen: 7.901 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. 0.17 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

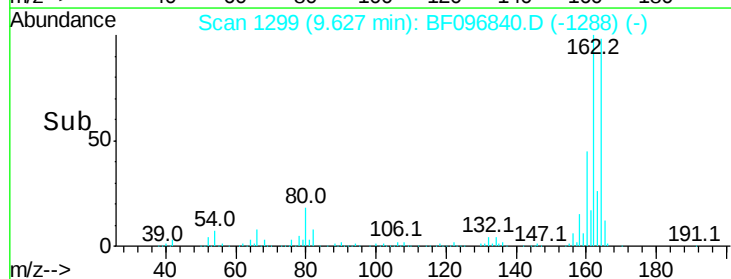
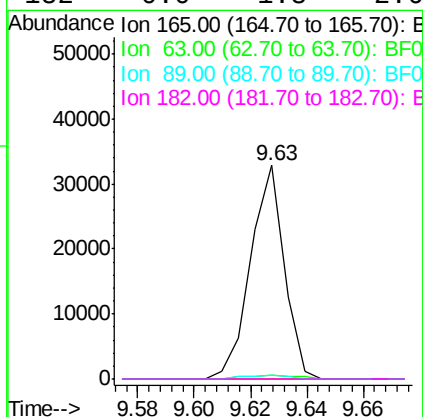
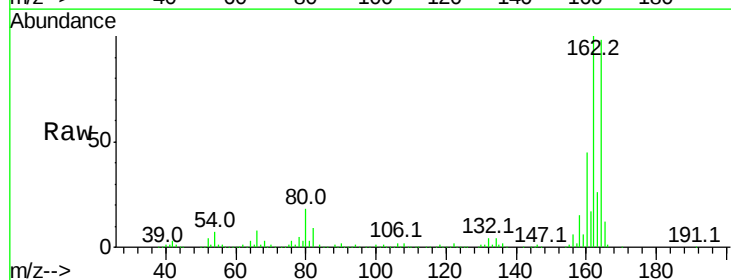
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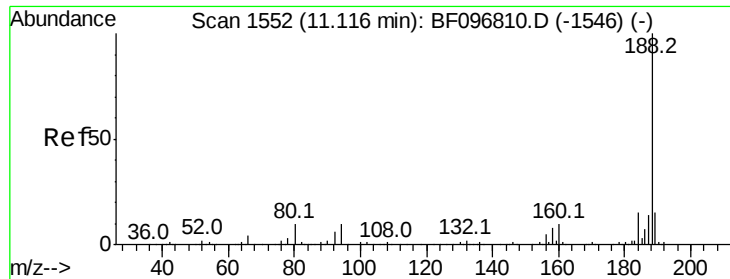
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.8	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.148 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF096840.D
 Acq: 18 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

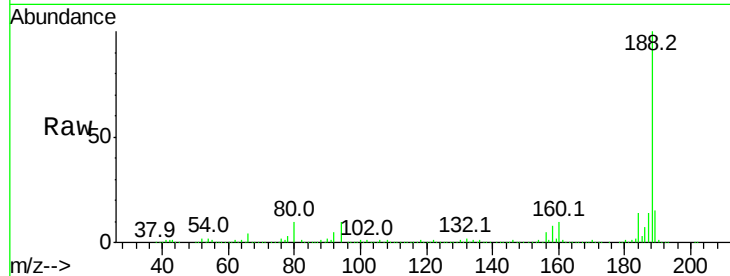
Tot Ion:188 Resp: 334696

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

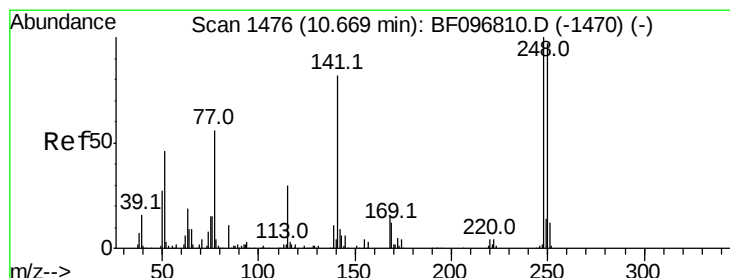
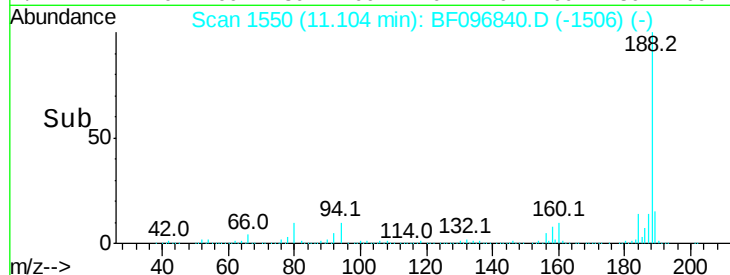
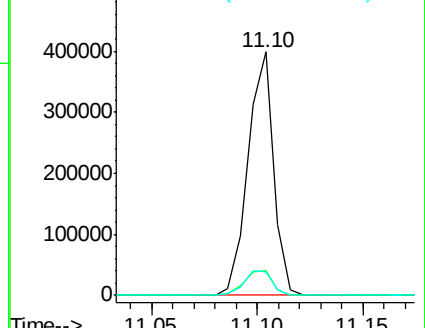
80 9.9 10.2 15.2#



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: 3.453 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.28 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

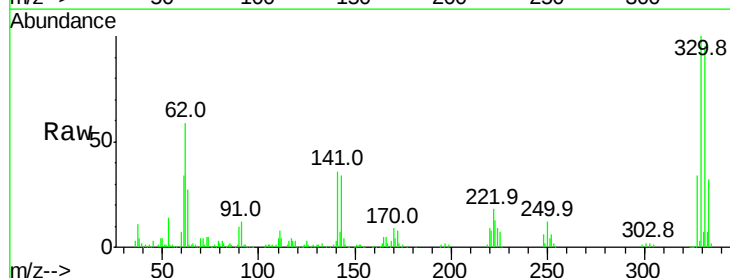
Tgt Ion:248 Resp: 11800

Ion Ratio Lower Upper

248 100

250 213.4 76.8 115.2#

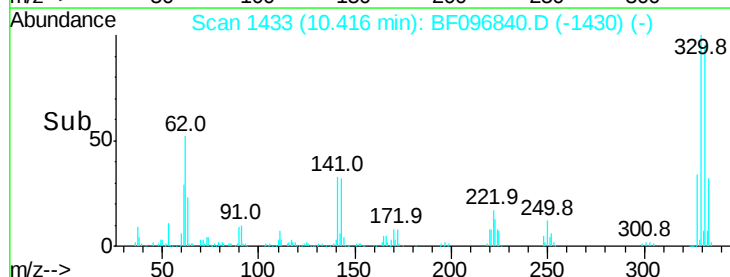
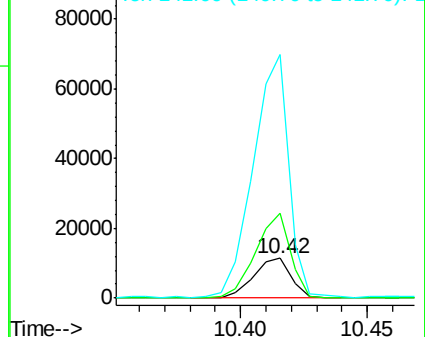
141 615.3 68.6 103.0#

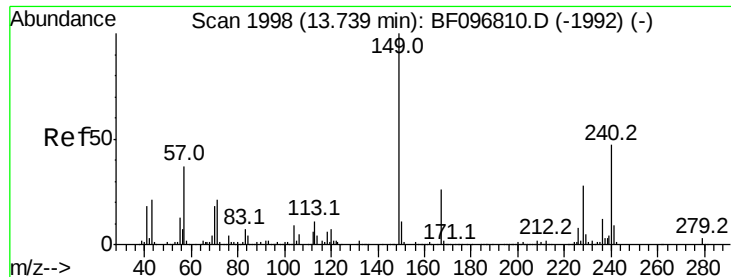


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.05 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

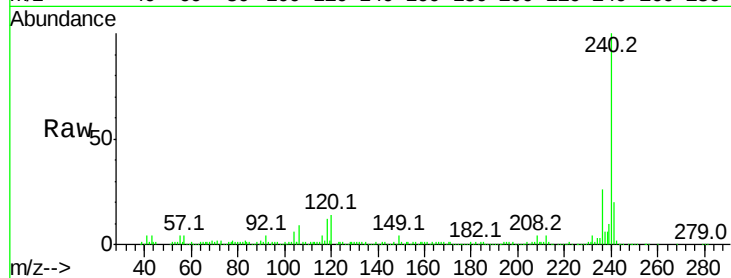
Tot Ion:240 Resp: 197833

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

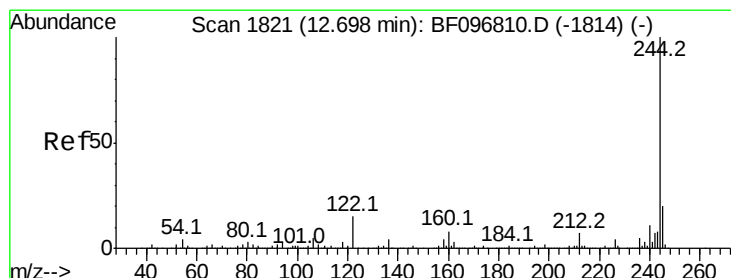
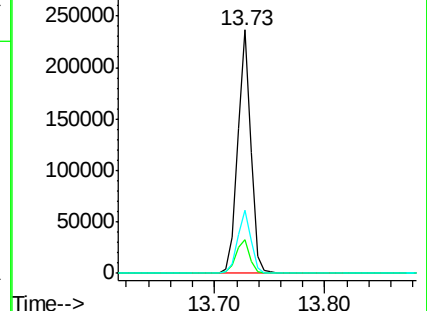
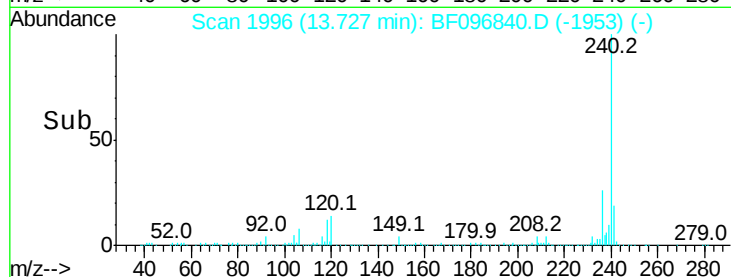
236 26.0 20.5 30.7



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: 62.216 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

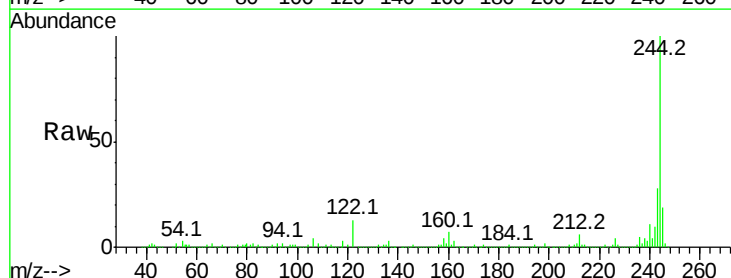
Tgt Ion:244 Resp: 709721

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

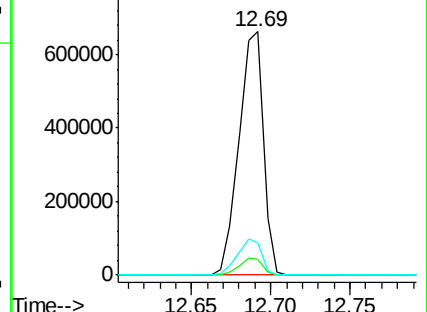
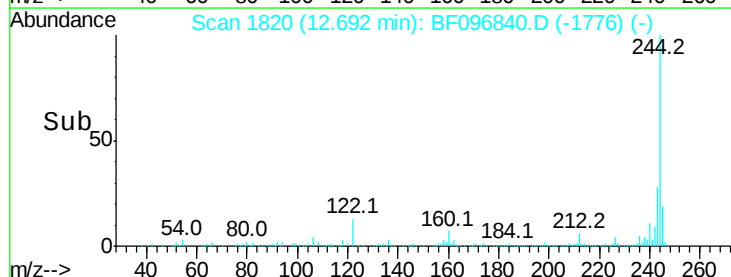
122 13.2 10.3 15.5

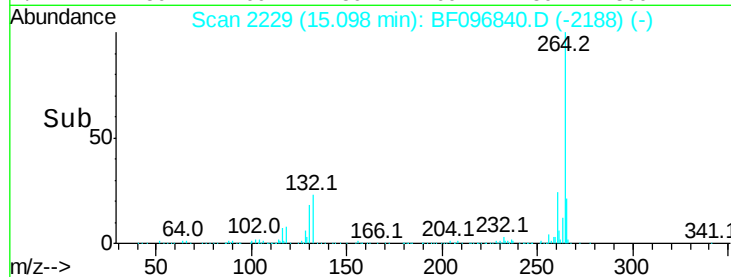
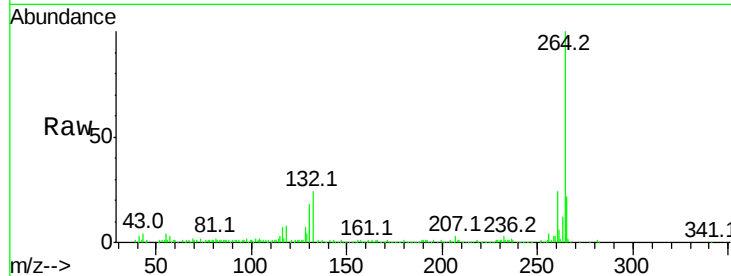
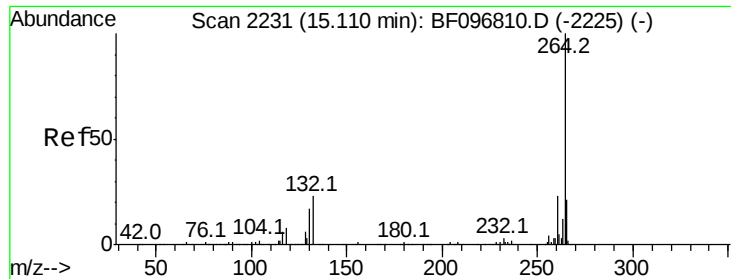


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2229

Delta R.T. -0.06 min

Lab File: BF096840.D

Acq: 18 Jul 2017 11:39

Instrument :

BNA_F

ClientSampleId :

3573-PA3

Tot Ion: 264 Resp: 179042

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.2 25.8

