

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096849.D
 Acq On : 18 Jul 2017 15:49
 Operator : SJ/JU
 Sample : I4223-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1SE

Quant Time: Jul 18 16:47:59 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 13:33:22 2017
 Response via : Initial Calibration

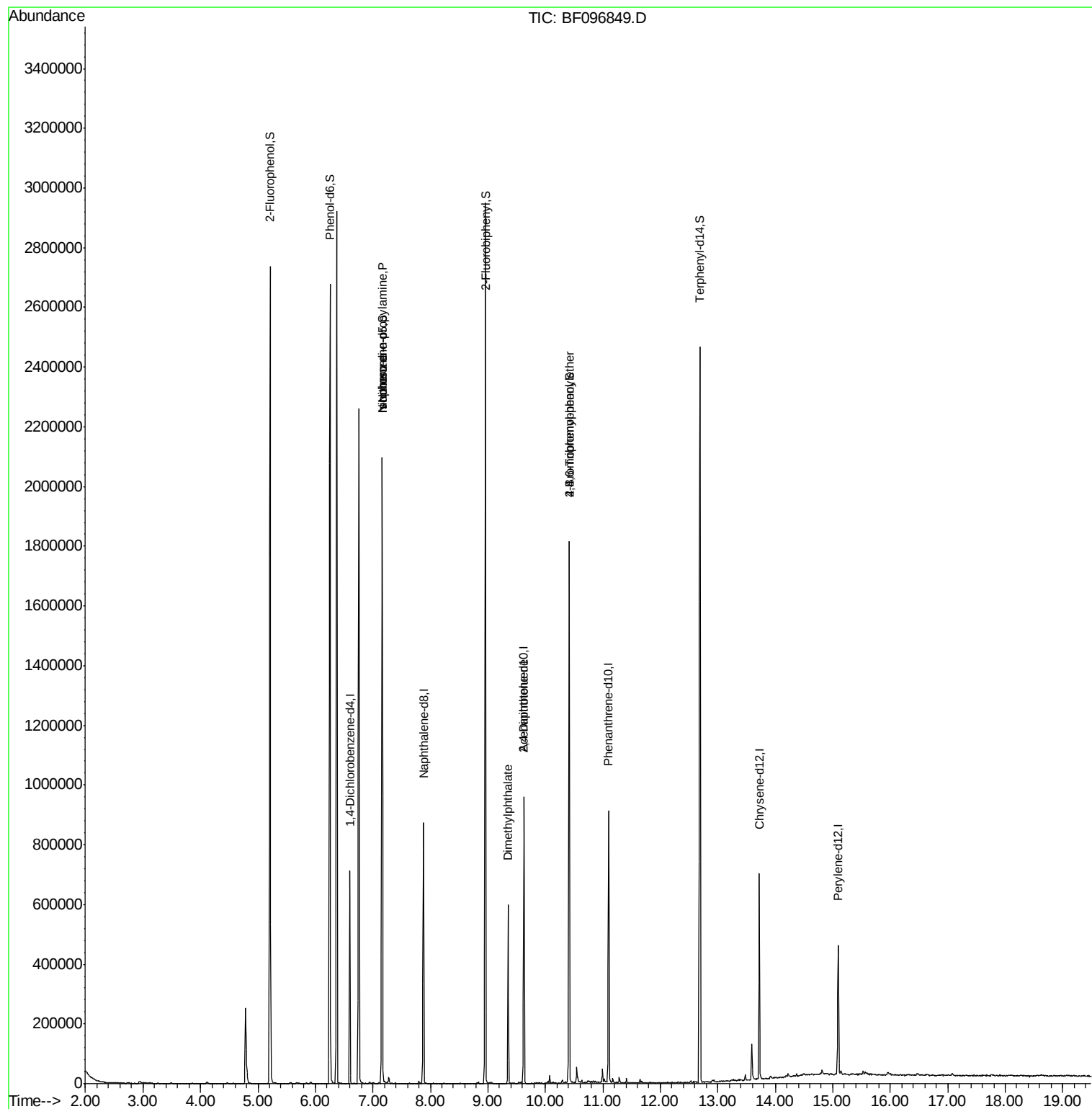
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	105209	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	431888	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	196157	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	345442	20.00	ng	0.00
75) Chrysene-d12	13.72	240	232624	20.00	ng	-0.01
86) Perylene-d12	15.09	264	176783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	853783	122.02	ng	0.02
7) Phenol-d6	6.25	99	1123231	133.77	ng	0.00
23) Nitrobenzene-d5	7.16	82	694395	99.59	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	219931	131.35	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1109817	89.39	ng	0.00
78) Terphenyl-d14	12.69	244	901824	67.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	92420	18.269	ng	# 87
25) Isophorone	7.16	82	686305	52.911	ng	# 67
49) Dimethylphthalate	9.35	163	218427	14.789	ng	99
56) 2,4-Dinitrotoluene	9.63	165	24787	6.030	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	14051	3.984	ng	# 1

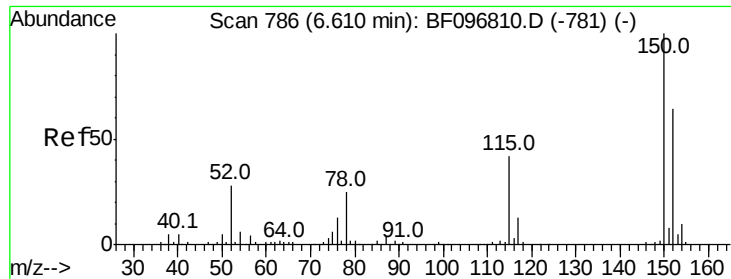
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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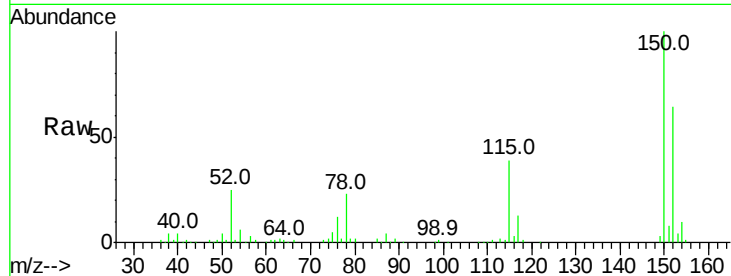


#1

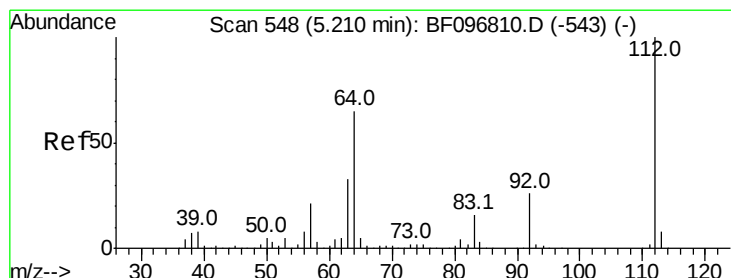
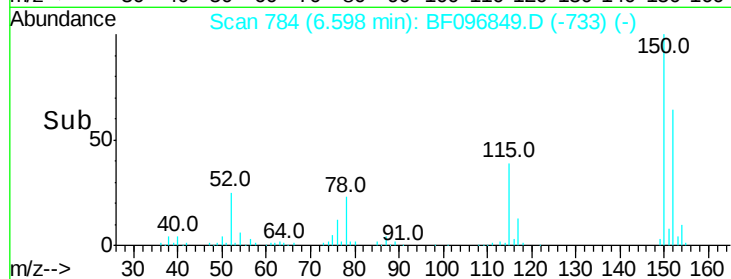
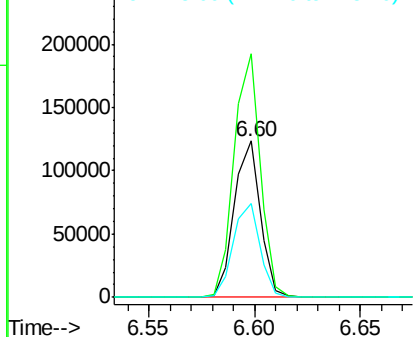
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096849.D
Acq: 18 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
WC071417-1SE

Tot Ion:152 Resp: 105209
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 60.4 52.2 78.2



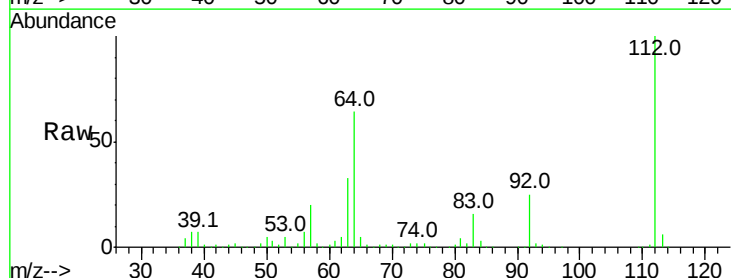
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



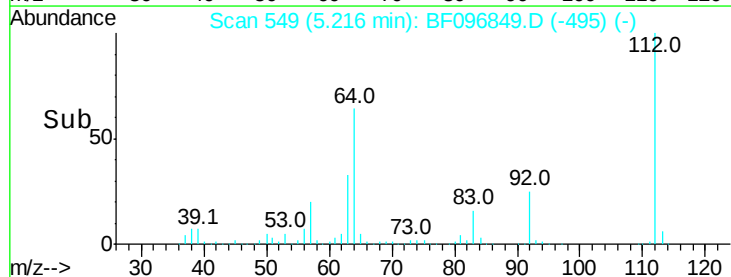
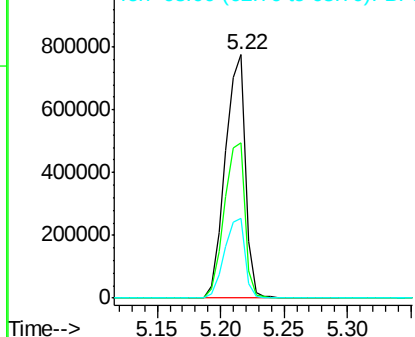
#5

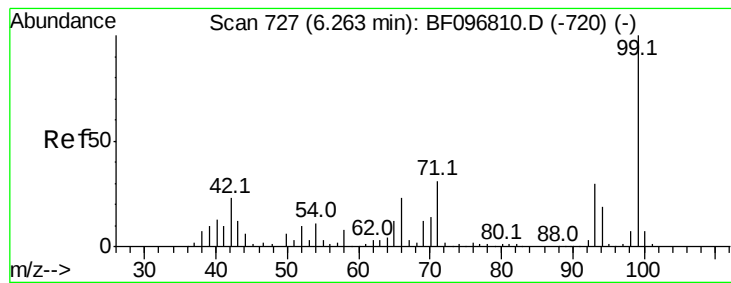
2-Fluorophenol
Concen: 122.018 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096849.D
Acq: 18 Jul 2017 15:49

Tgt Ion:112 Resp: 853783
Ion Ratio Lower Upper
112 100
64 63.6 46.0 69.0
63 32.6 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: 133.768 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

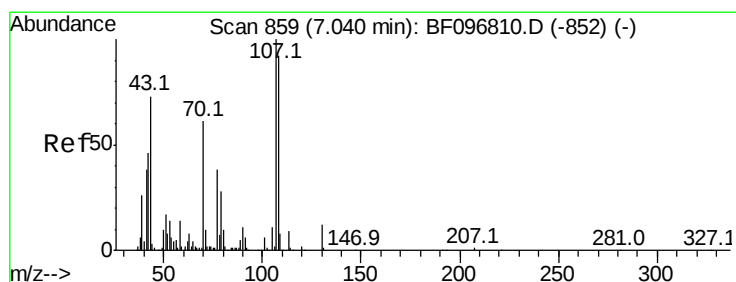
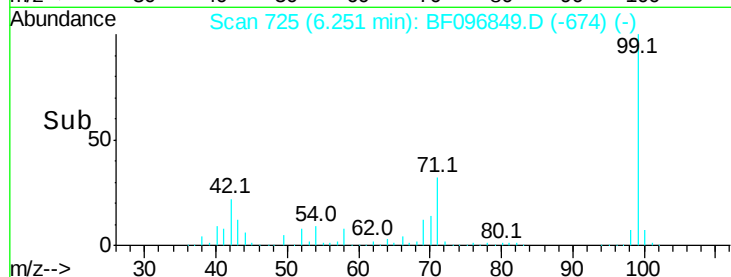
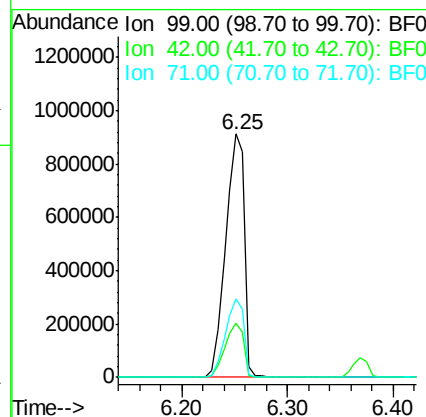
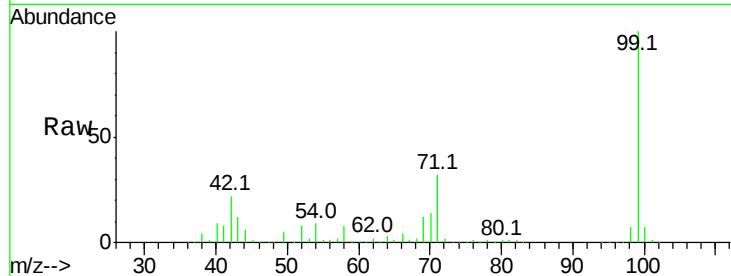
BNA_F

ClientSampleId :

WC071417-1SE

Tot Ion: 99 Resp: 1123231

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.3	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.269 ng

RT: 7.16 min Scan# 880

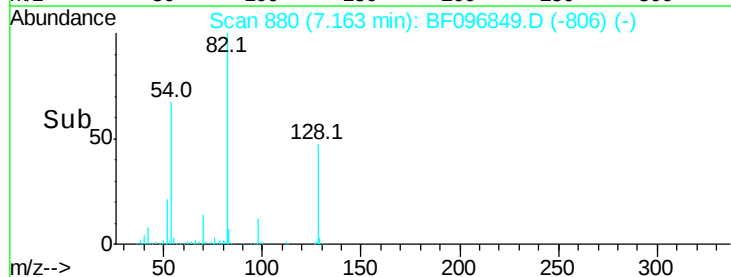
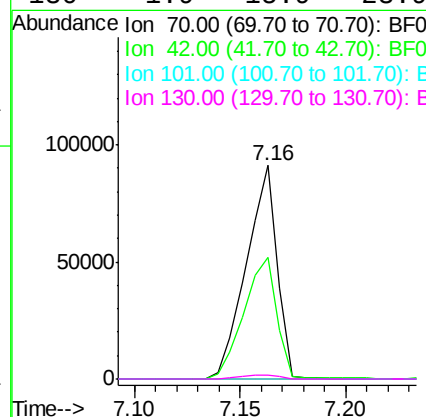
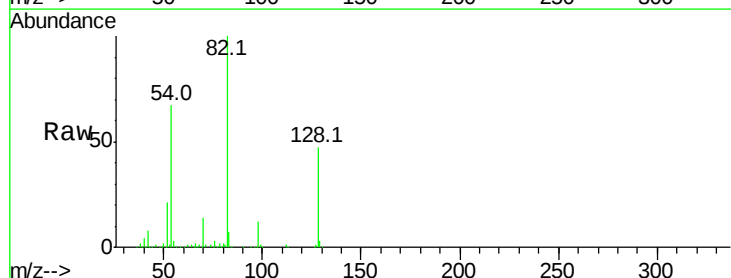
Delta R.T. 0.14 min

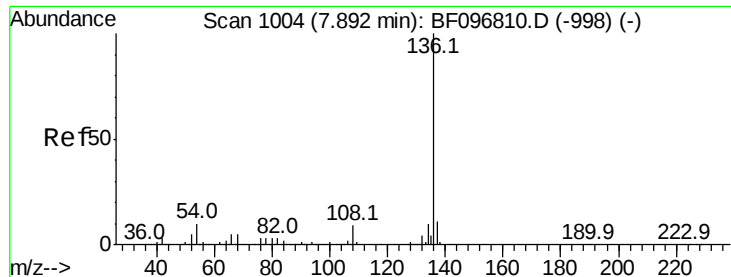
Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Tgt Ion: 70 Resp: 92420

Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

WC071417-1SE

Tot Ion:136 Resp: 431888

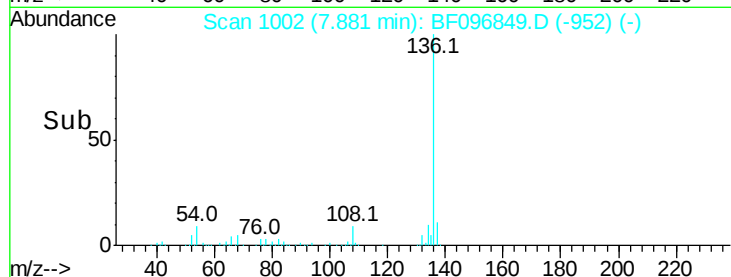
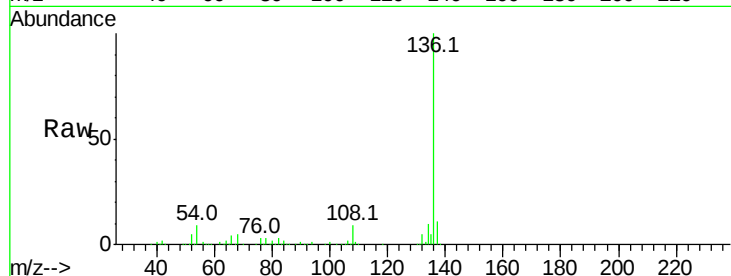
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.2 4.9 7.3#

68 4.7 4.1 6.1

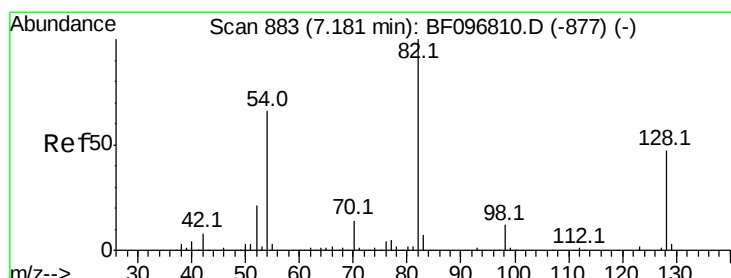
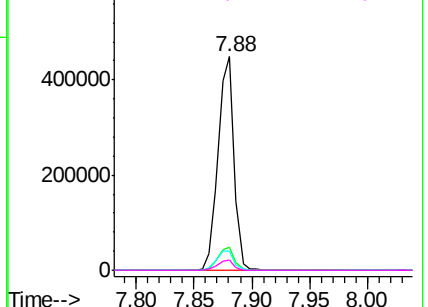


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 99.589 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

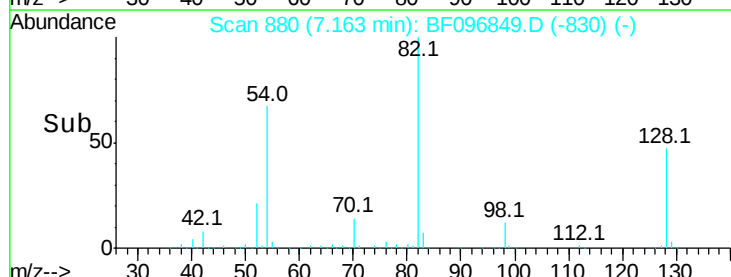
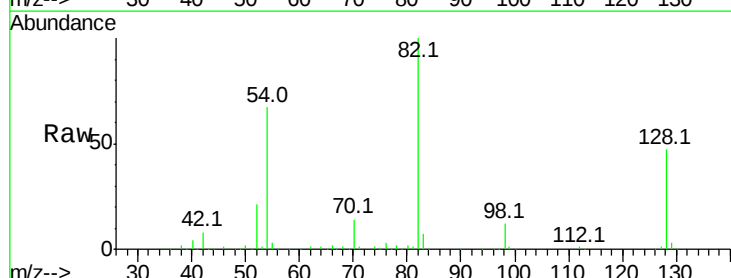
Tgt Ion: 82 Resp: 694395

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

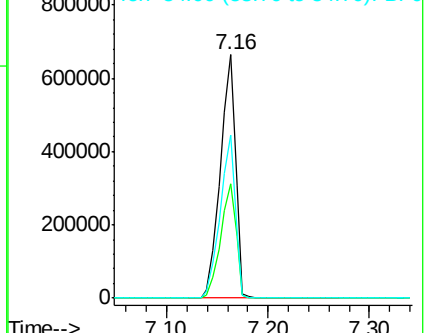
54 66.7 42.2 63.2#

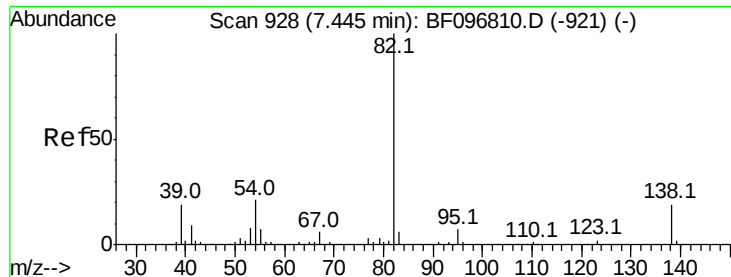


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 52.911 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

WC071417-1SE

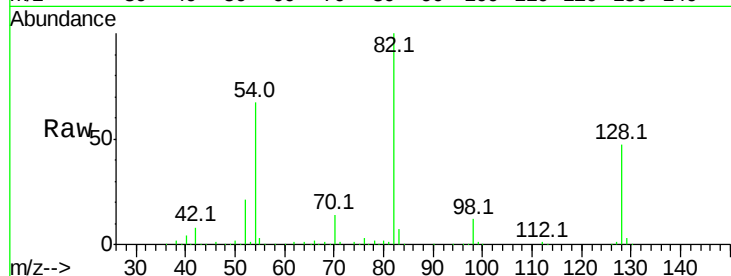
Tot Ion: 82 Resp: 686305

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

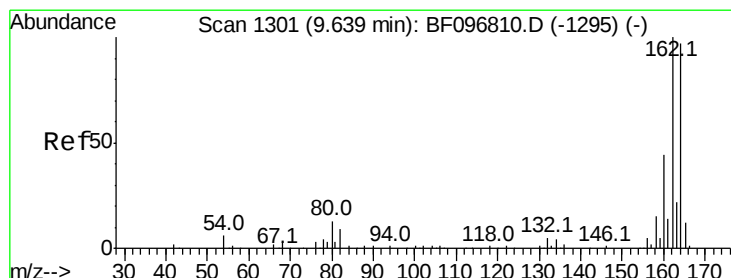
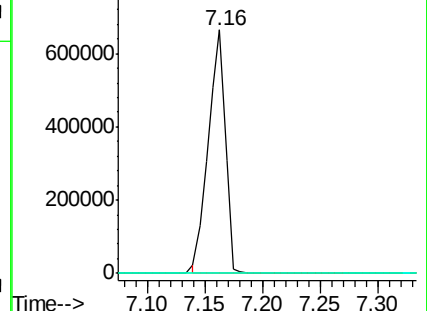
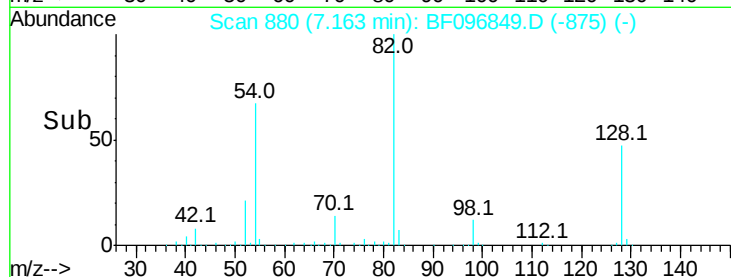
138 0.0 13.1 19.7#



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. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

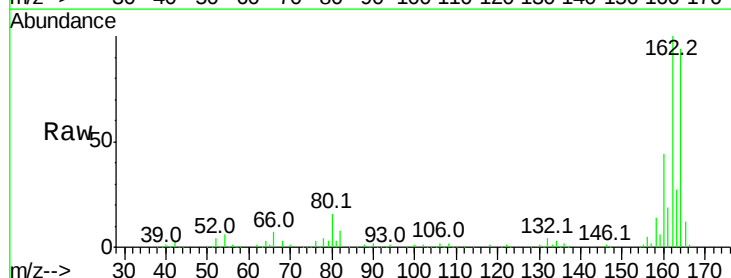
Tgt Ion:164 Resp: 196157

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

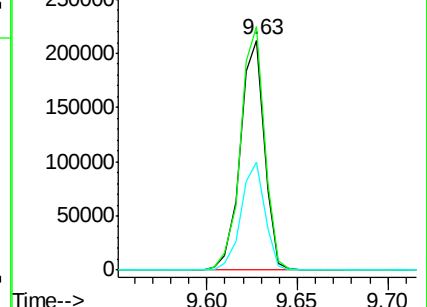
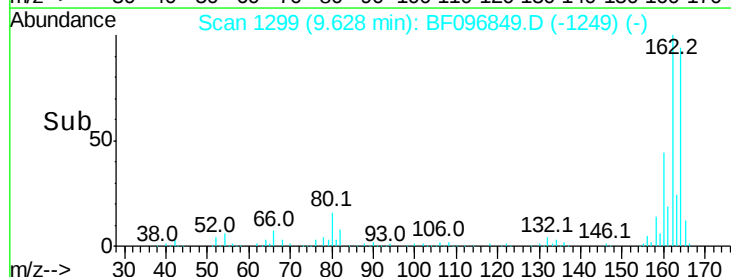
160 47.1 36.2 54.2

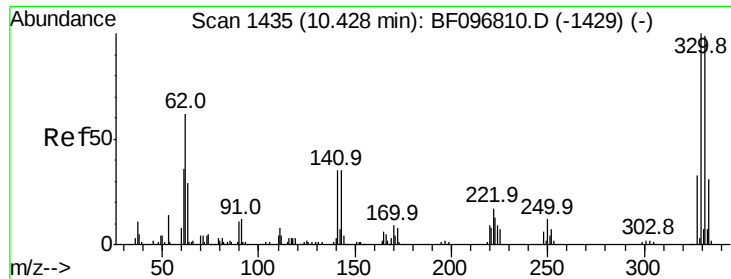


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 131.352 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

WC071417-1SE

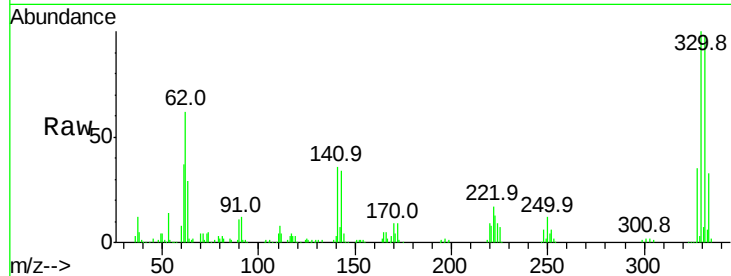
Tot Ion:330 Resp: 219931

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

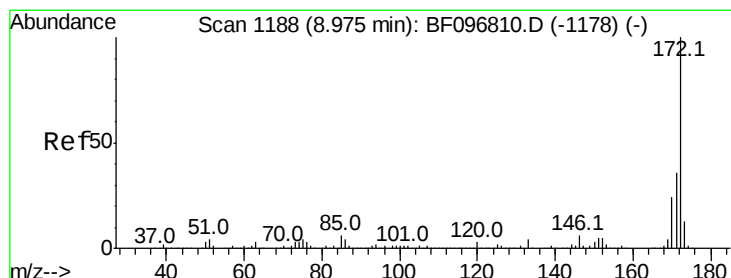
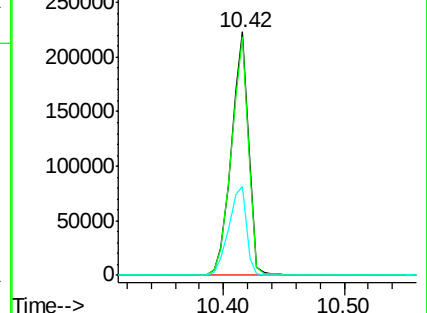
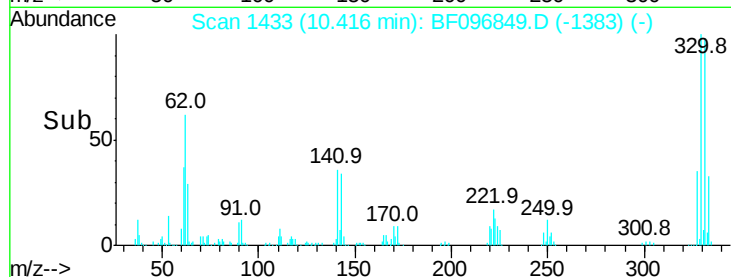
141 37.8 31.4 47.2



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: 89.389 ng

RT: 8.96 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

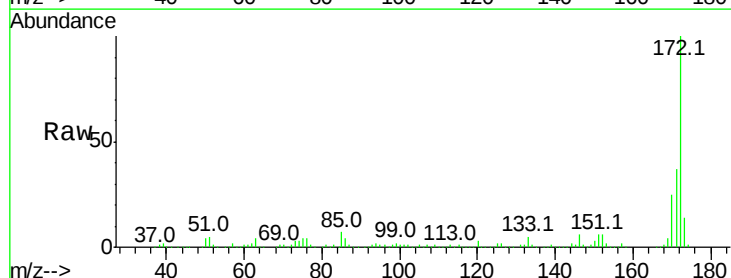
Tgt Ion:172 Resp: 1109817

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

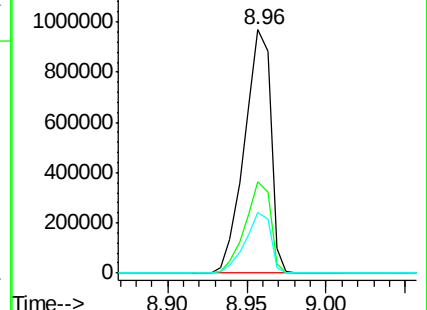
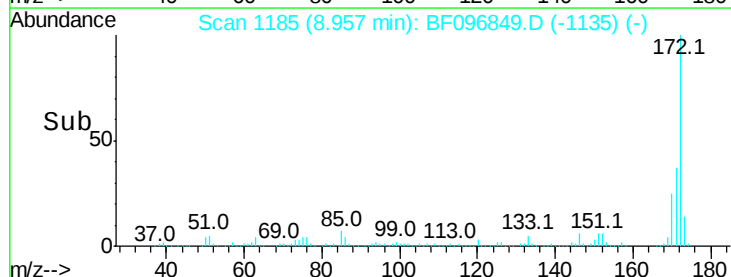
170 24.6 19.8 29.8

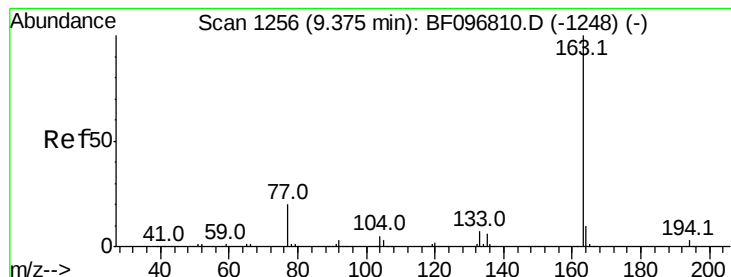


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.789 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

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WC071417-1SE

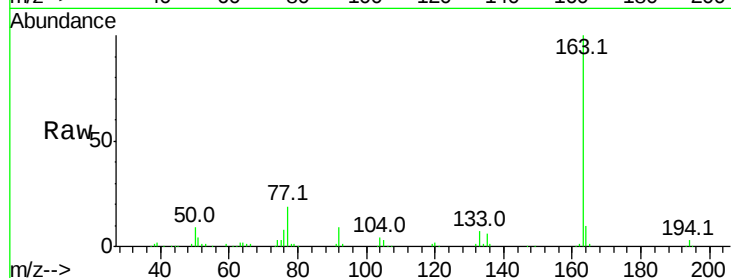
Tot Ion:163 Resp: 218427

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

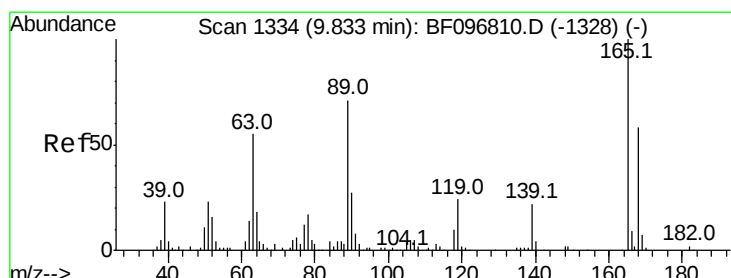
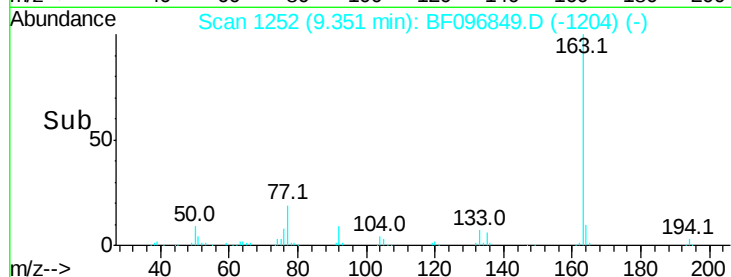
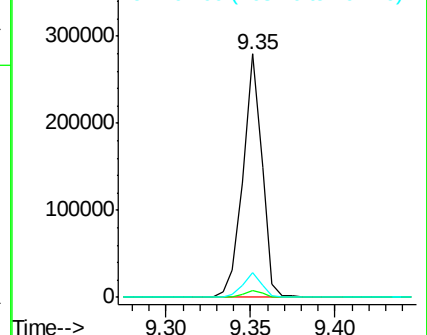
164 10.0 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.030 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Tgt Ion:165 Resp: 24787

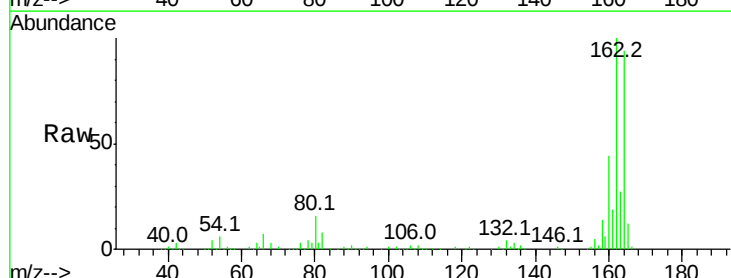
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

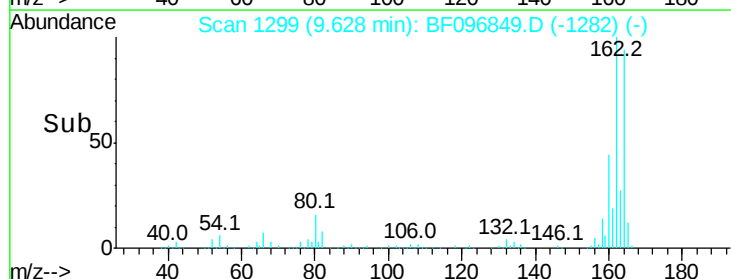
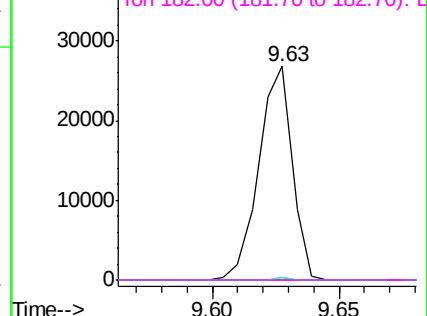


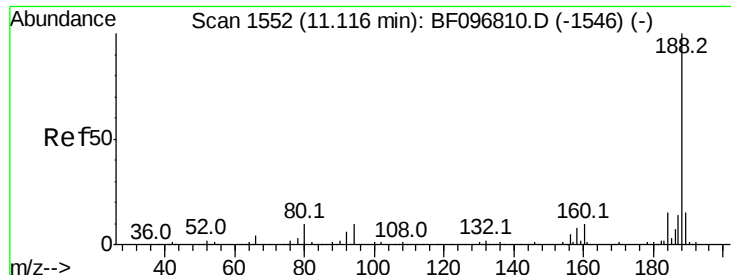
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

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ClientSampleId :

WC071417-1SE

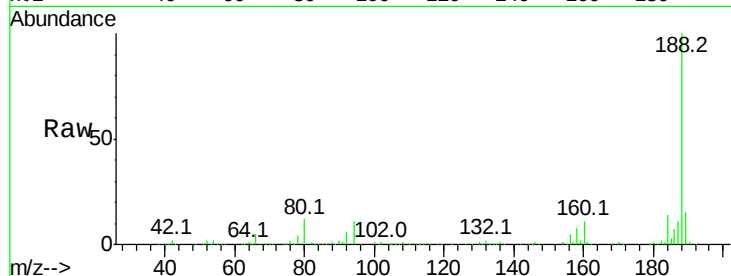
Tot Ion:188 Resp: 345442

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

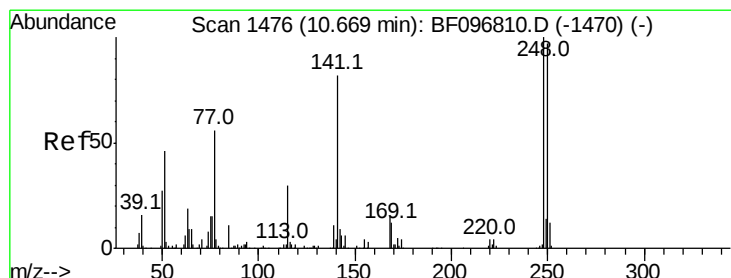
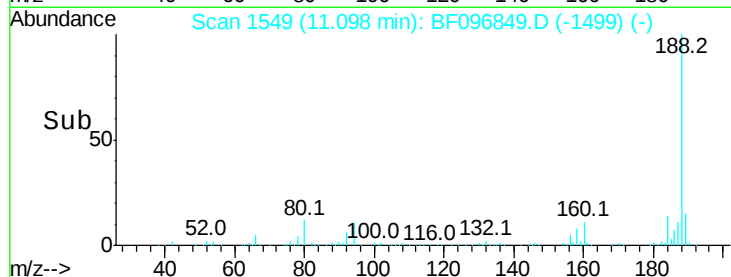
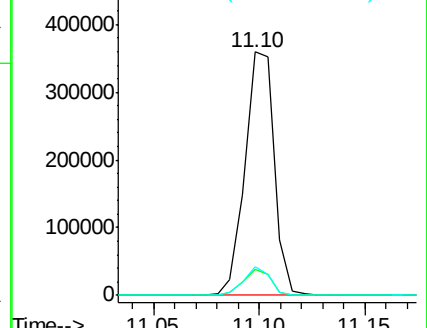
80 11.5 10.2 15.2



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: 3.984 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

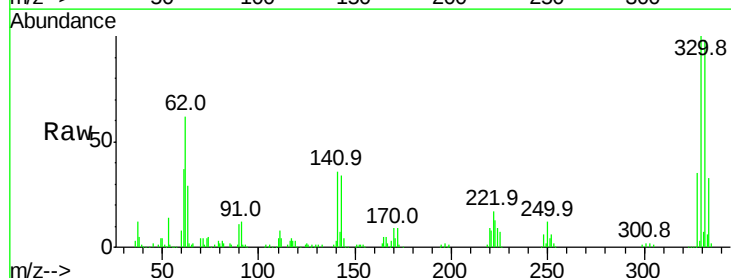
Tgt Ion:248 Resp: 14051

Ion Ratio Lower Upper

248 100

250 189.4 76.8 115.2#

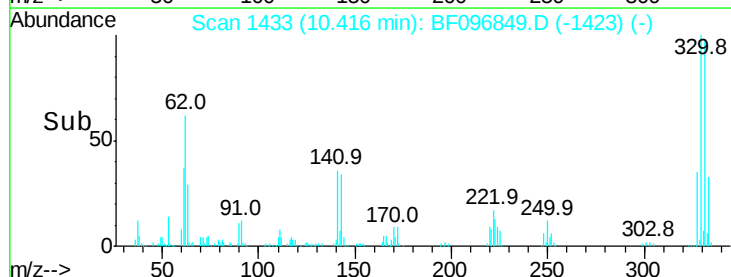
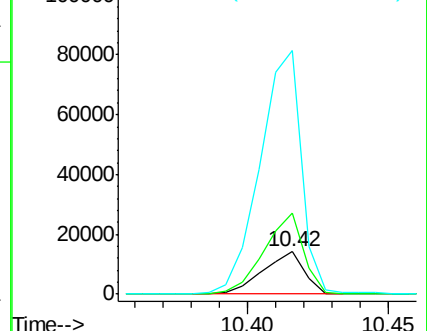
141 572.9 68.6 103.0#

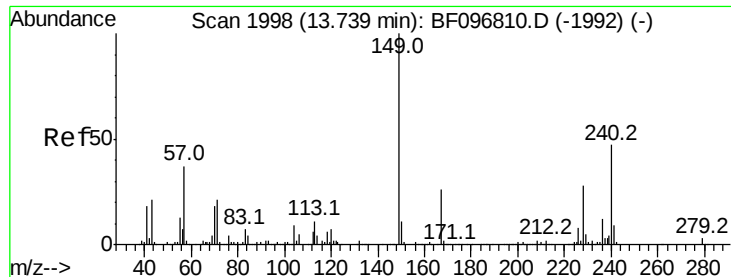


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

WC071417-1SE

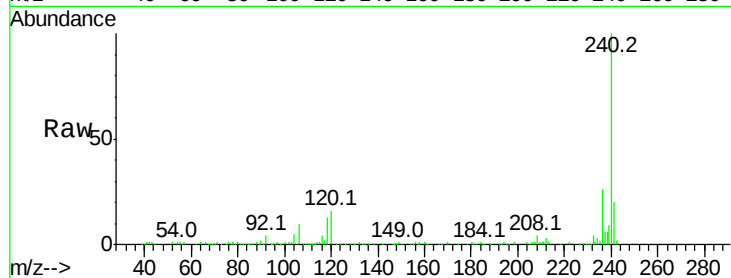
Tot Ion:240 Resp: 232624

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

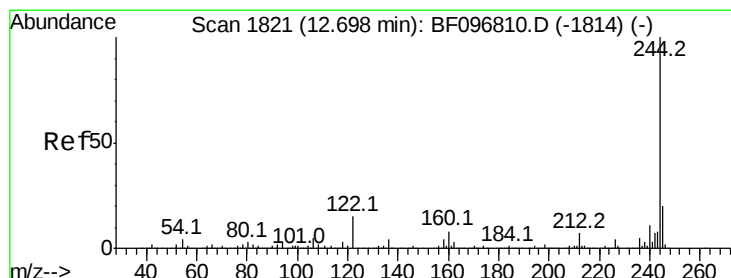
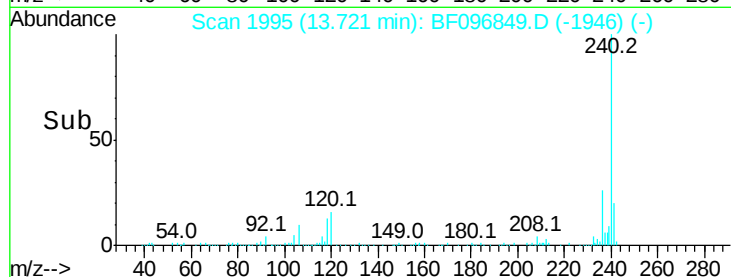
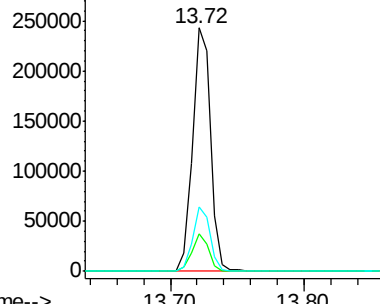
236 26.2 20.5 30.7



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: 67.233 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096849.D

Acq: 18 Jul 2017 15:49

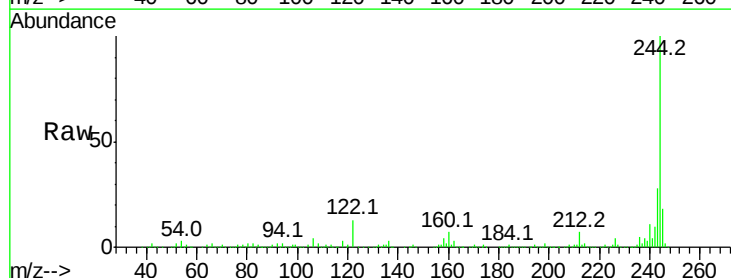
Tgt Ion:244 Resp: 901824

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

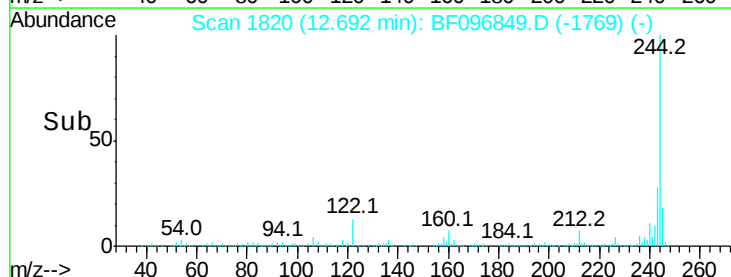
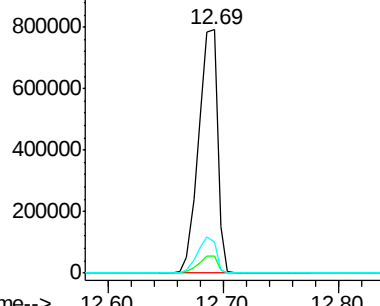
122 13.0 10.3 15.5

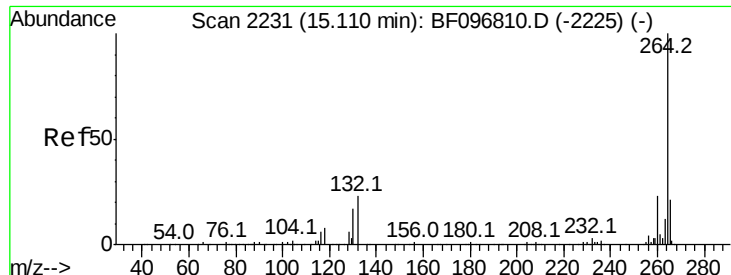


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096849.D
 Acq: 18 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1SE

Tot Ion:264 Resp: 176783
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.6 17.2 25.8

