

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096788.D
 Acq On : 14 Jul 2017 22:59
 Operator : SJ/JU
 Sample : I4127-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:54:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

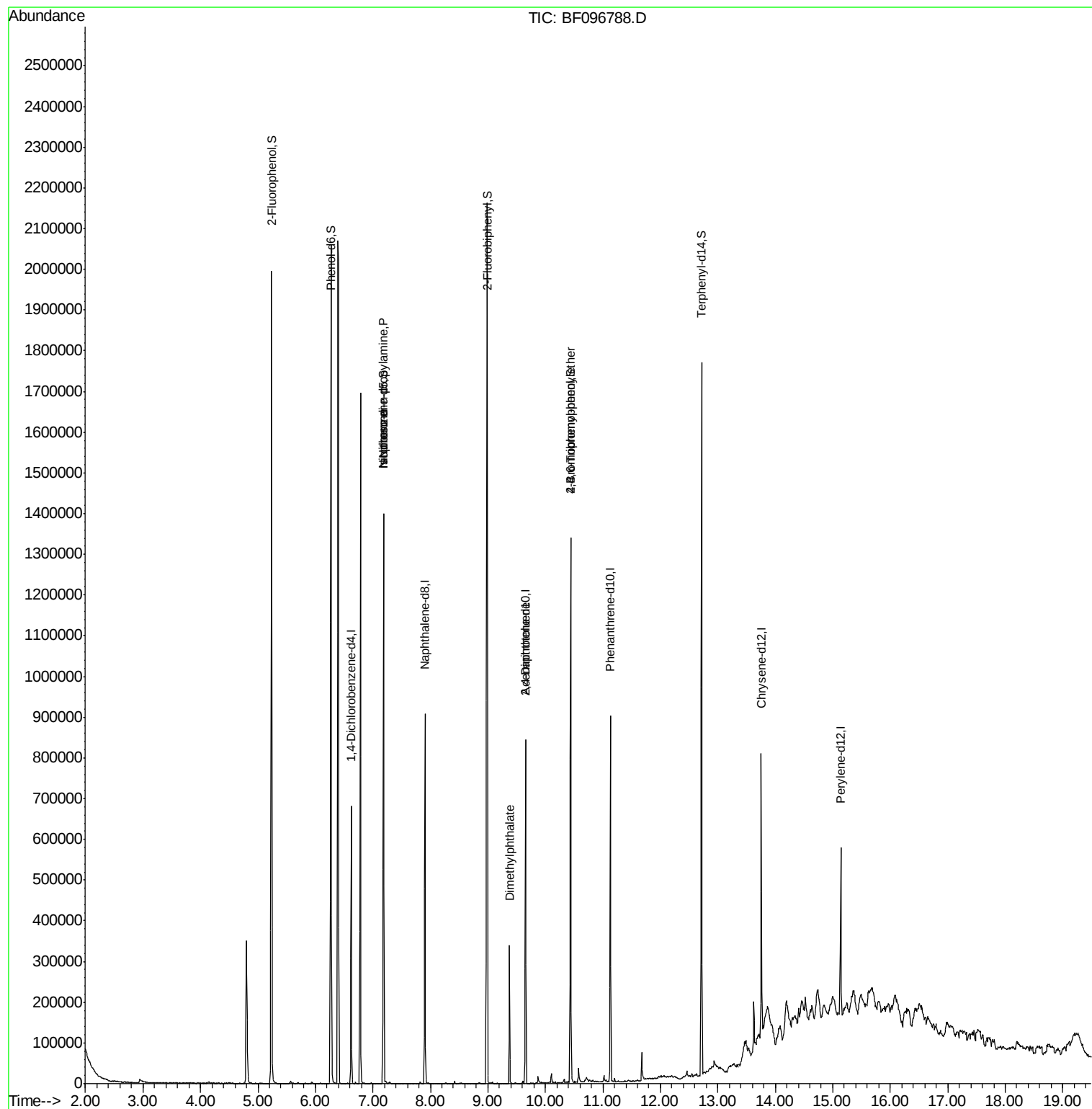
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	94185	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	396624	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	177406	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	310423	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	227921	20.00	ng	-0.02
86) Perylene-d12	15.14	264	164546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	593004	94.67	ng	0.00
7) Phenol-d6	6.27	99	718737	95.61	ng	0.00
23) Nitrobenzene-d5	7.19	82	412640	64.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	153100	101.10	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	729662	64.98	ng	-0.01
78) Terphenyl-d14	12.72	244	567843	43.21	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	53735	11.87	ng	# 88
25) Isophorone	7.19	82	409346	34.36	ng	# 67
49) Dimethylphthalate	9.37	163	134928	10.10	ng	100
56) 2,4-Dinitrotoluene	9.65	165	22575	6.07	ng	# 32
66) 4-Bromophenyl-phenylether	10.45	248	9931	3.13	ng	# 1

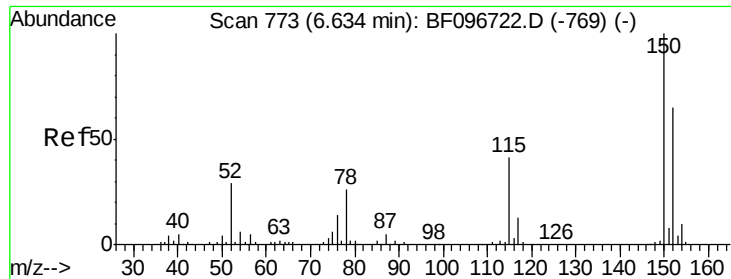
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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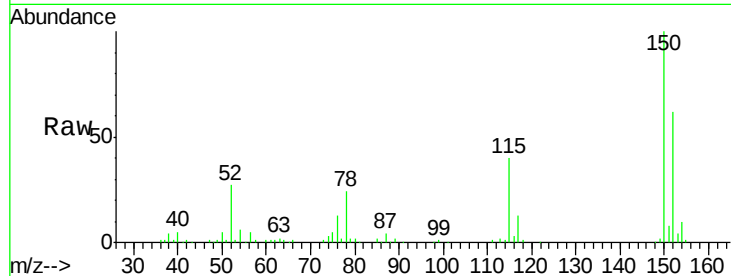


#1

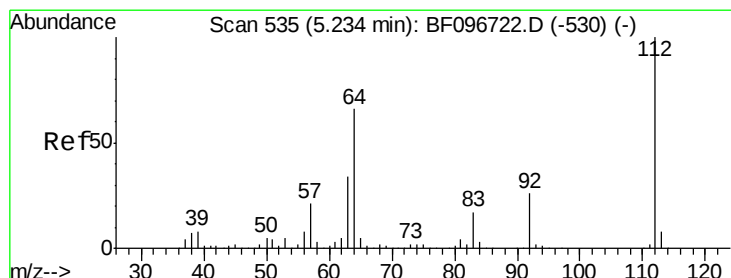
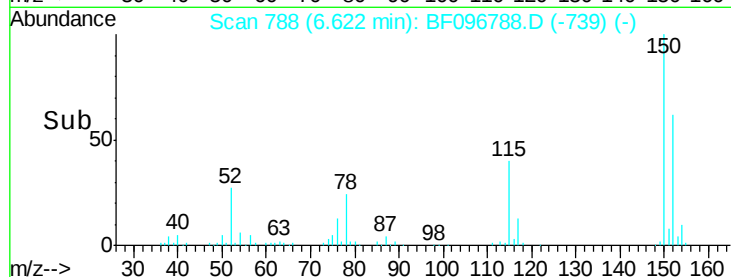
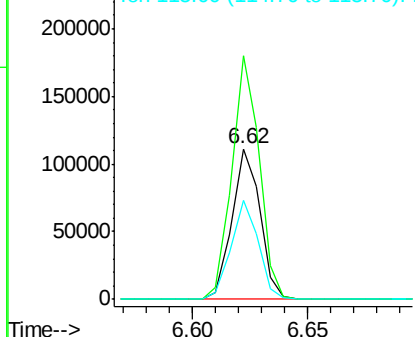
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096788.D
Acq: 14 Jul 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94185
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 65.4 52.2 78.2



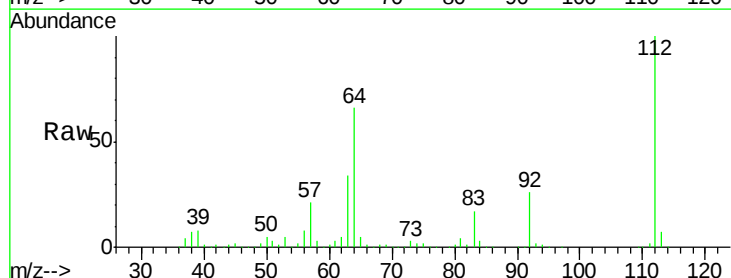
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



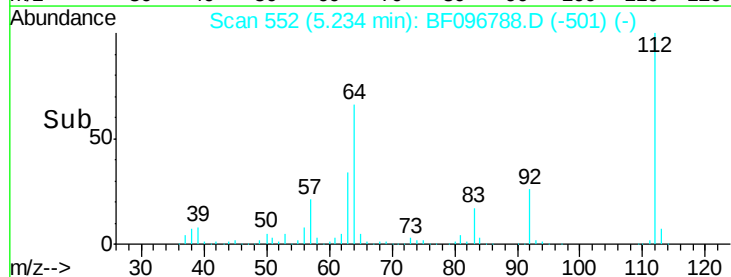
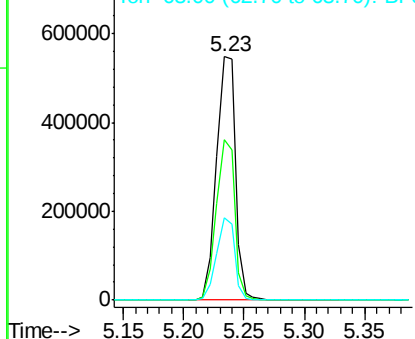
#5

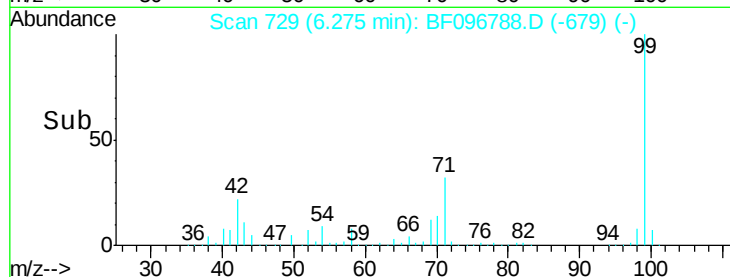
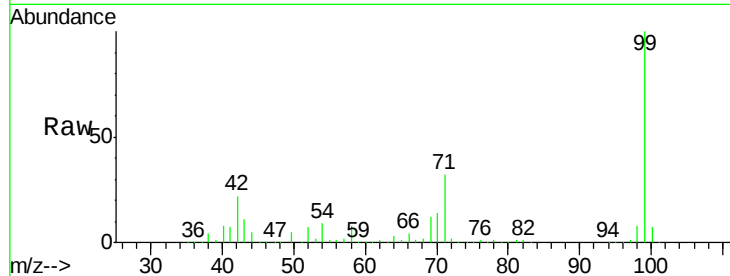
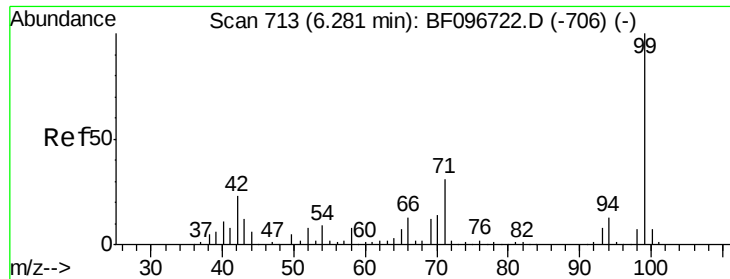
2-Fluorophenol
Concen: 94.67 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096788.D
Acq: 14 Jul 2017 22:59

Tgt Ion:112 Resp: 593004
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 33.6 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: 95.61 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_F

ClientSampleId :

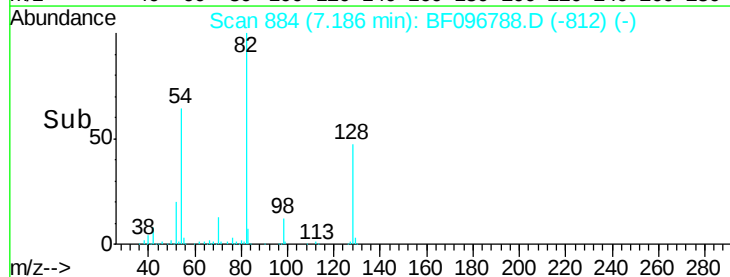
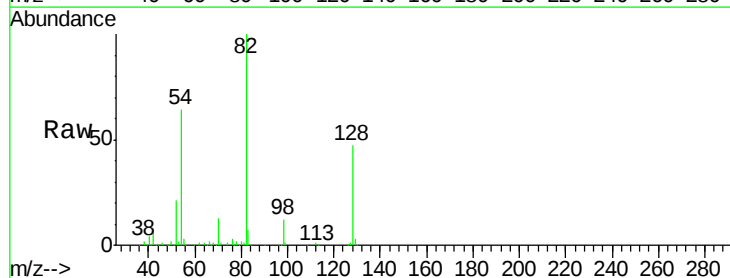
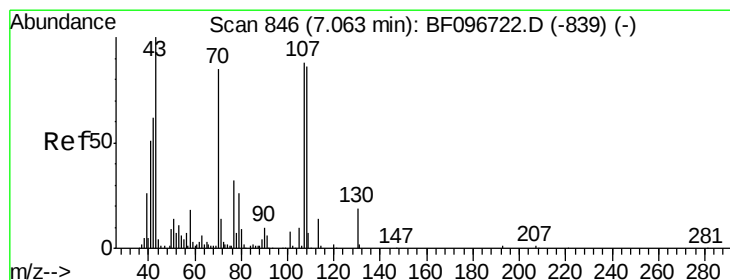
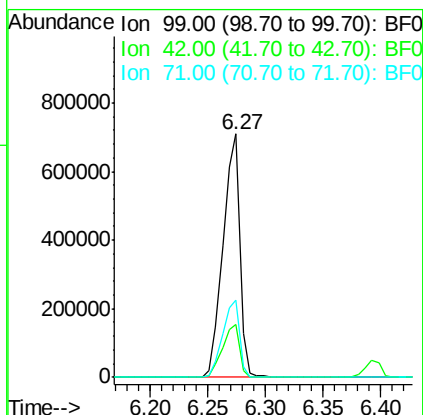
Tot Ion: 99 Resp: 718737

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

71 31.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.87 ng

RT: 7.19 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

Tgt Ion: 70 Resp: 53735

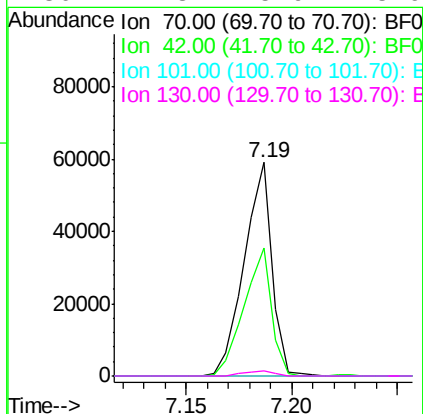
Ion Ratio Lower Upper

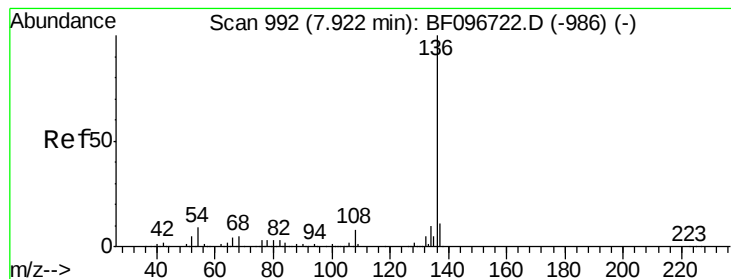
70 100

42 59.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 396624

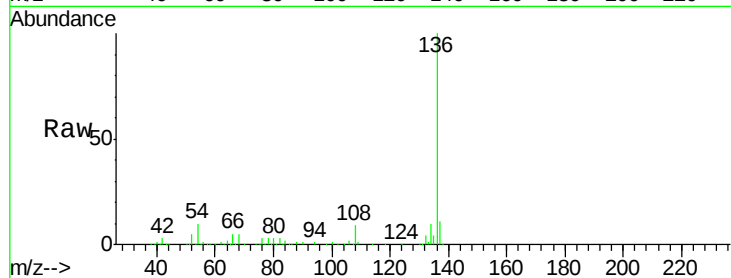
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.7 4.9 7.3#

68 4.8 4.1 6.1

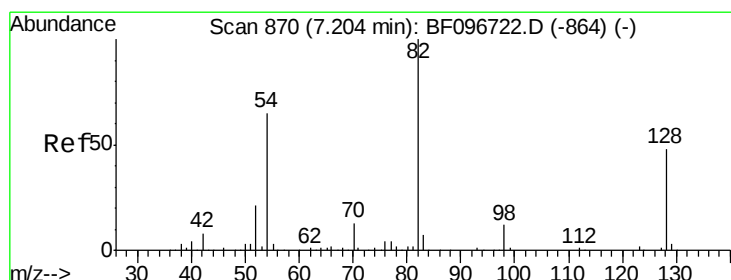
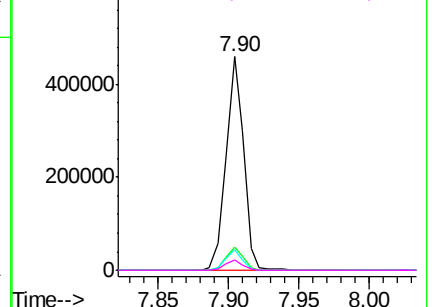
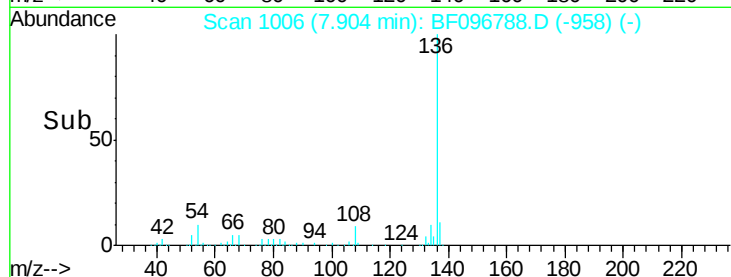


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.44 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

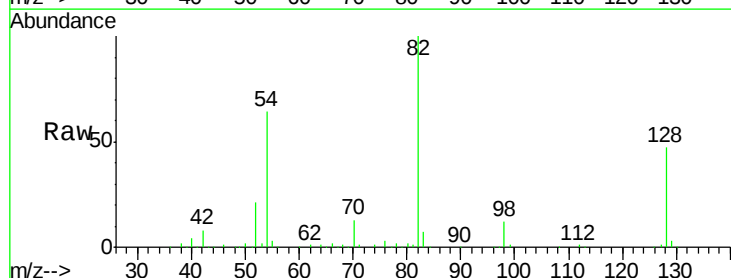
Tgt Ion: 82 Resp: 412640

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

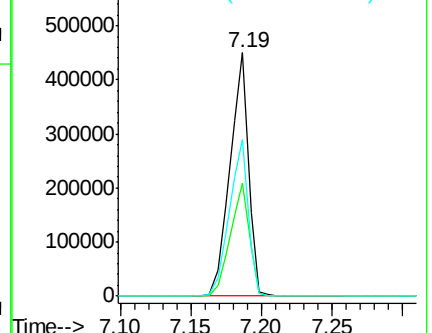
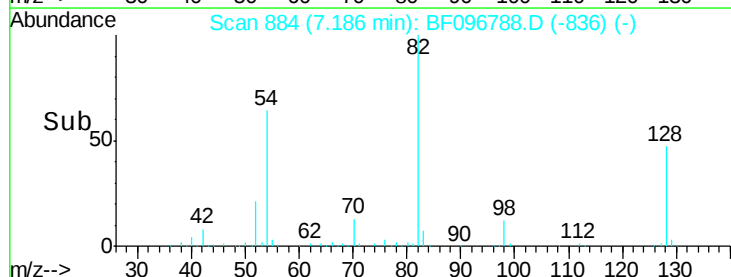
54 64.4 42.2 63.2#

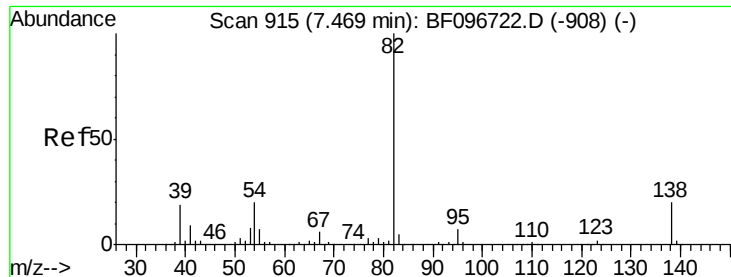


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.36 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_F

ClientSampled :

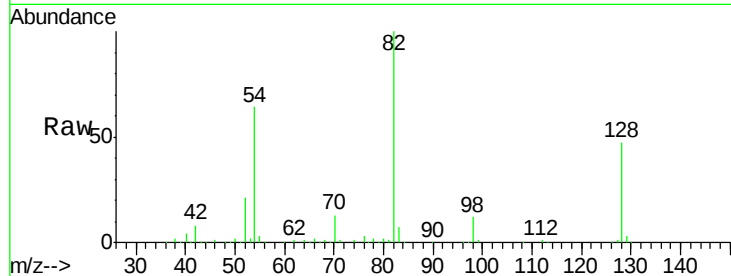
Tot Ion: 82 Resp: 409346

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

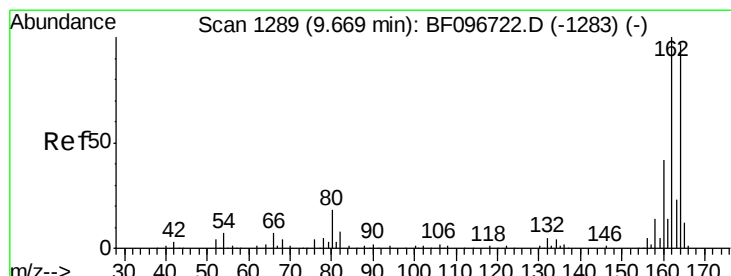
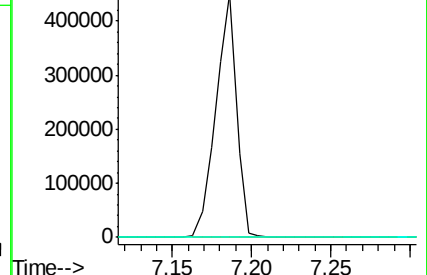
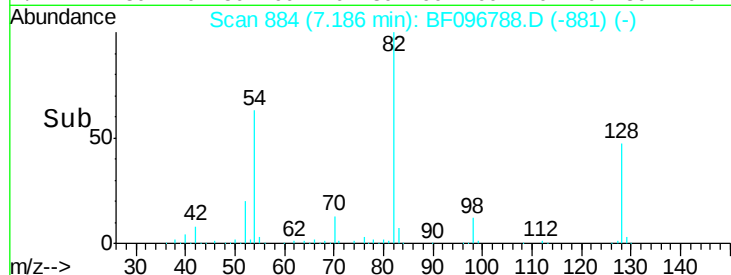
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

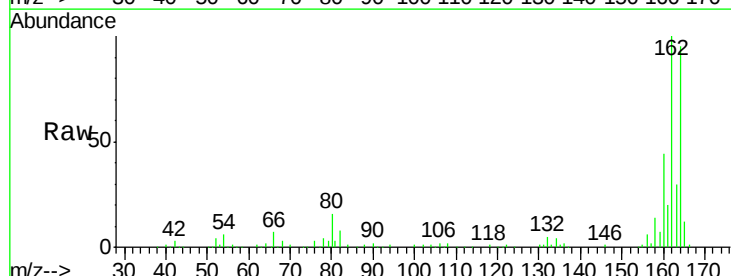
Tgt Ion: 164 Resp: 177406

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

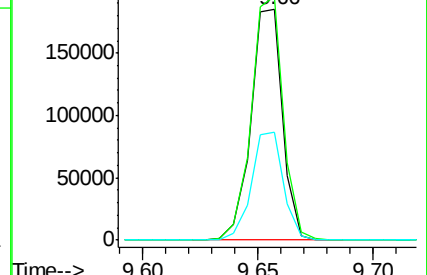
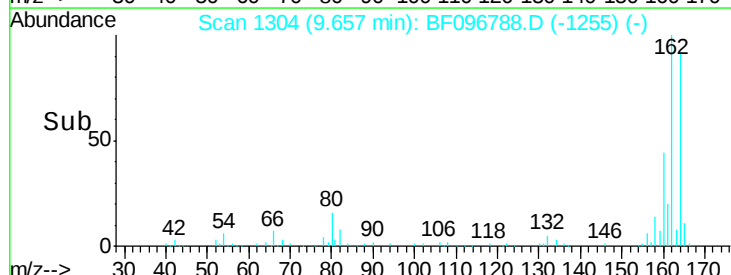
160 46.7 36.2 54.2

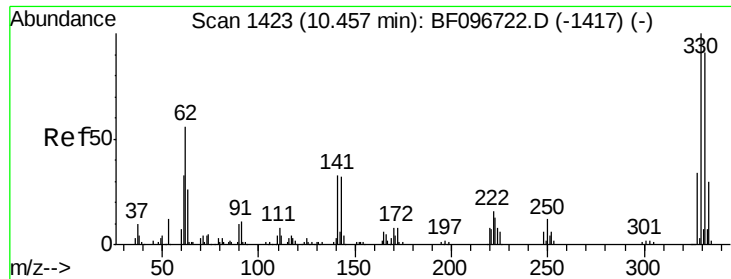


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

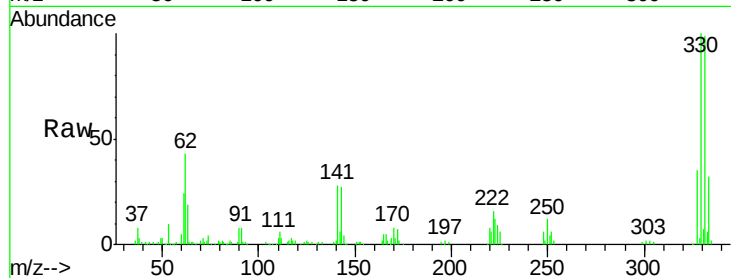




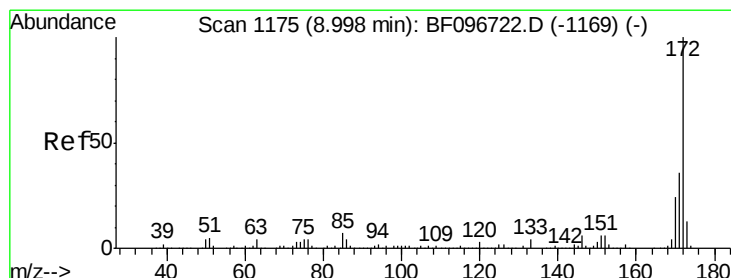
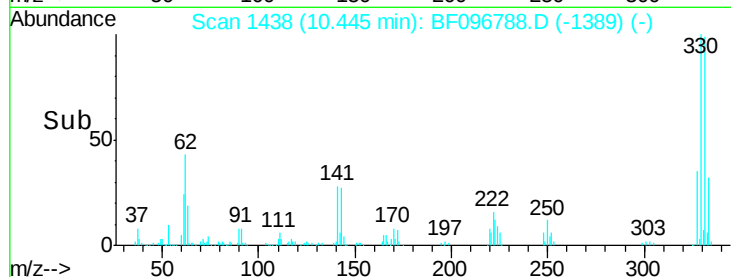
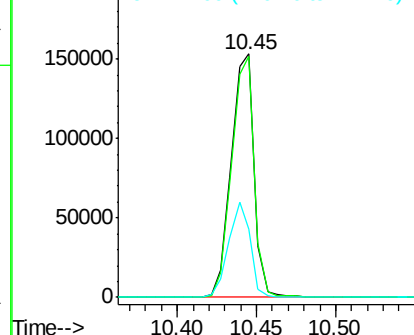
#41
 2,4,6-Tribromophenol
 Concen: 101.10 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096788.D
 Acq: 14 Jul 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	36.9	31.4	47.2

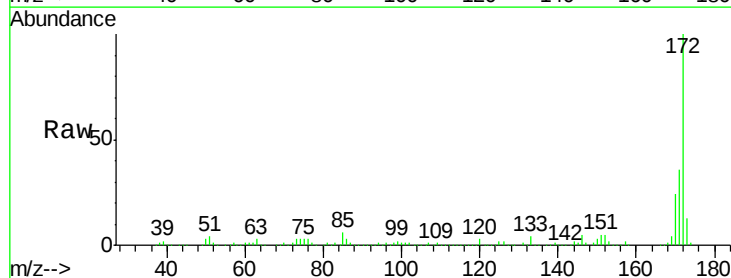


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

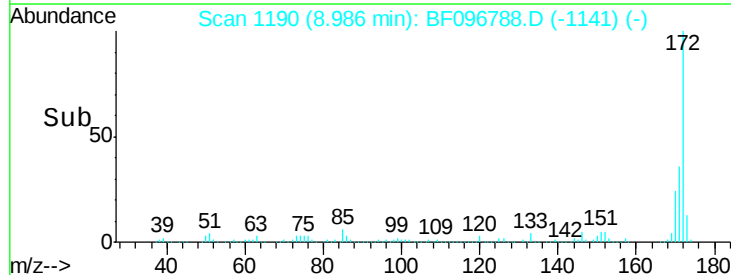
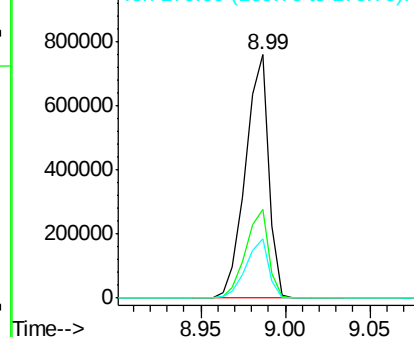


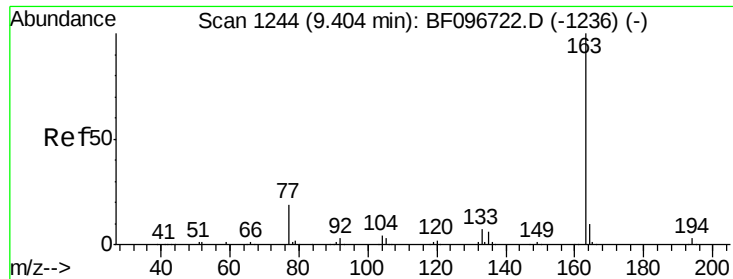
#44
 2-Fluorobiphenyl
 Concen: 64.98 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096788.D
 Acq: 14 Jul 2017 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	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

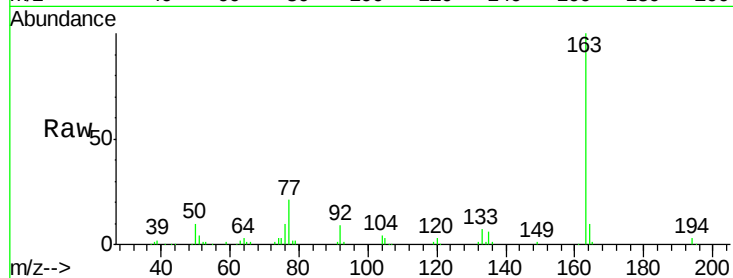




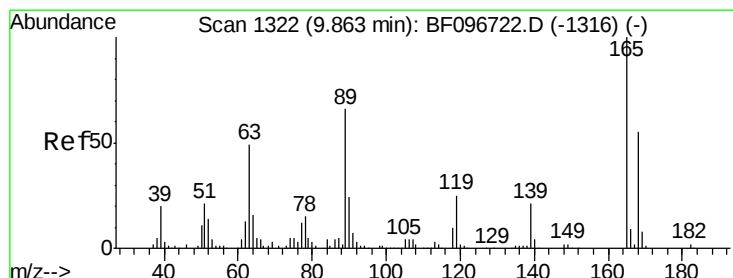
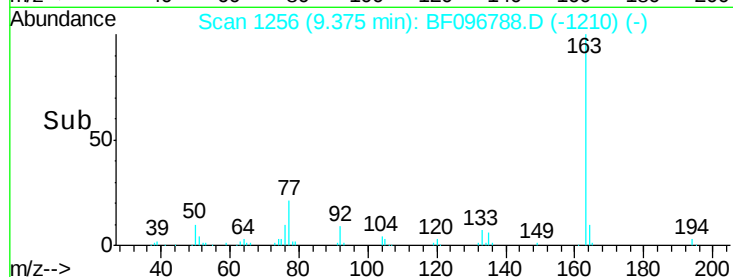
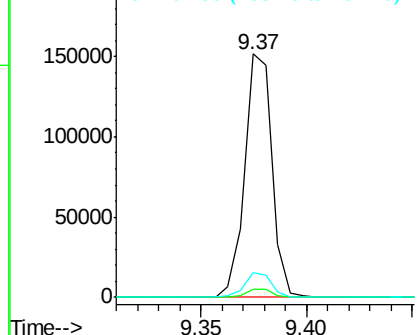
#49
Dimethylphthalate
Concen: 10.10 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096788.D
Acq: 14 Jul 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 134928
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

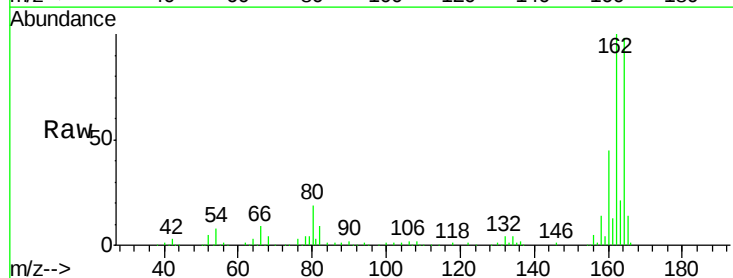


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

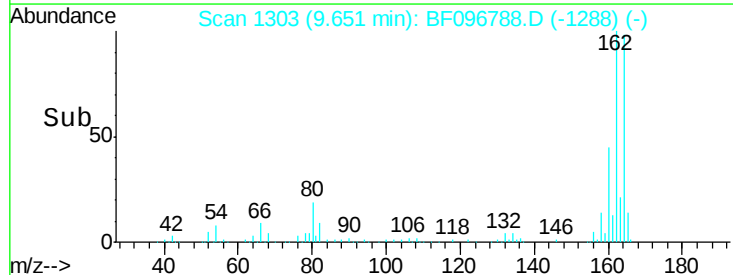
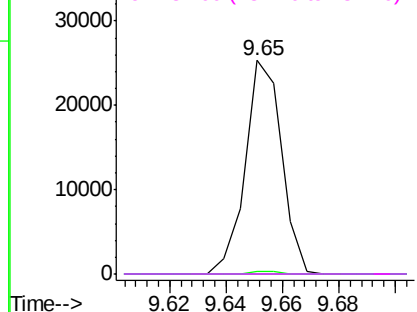


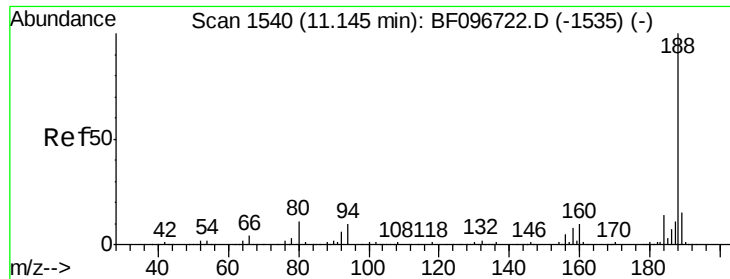
#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.65 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF096788.D
Acq: 14 Jul 2017 22:59

Tgt Ion:165 Resp: 22575
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 0.0 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

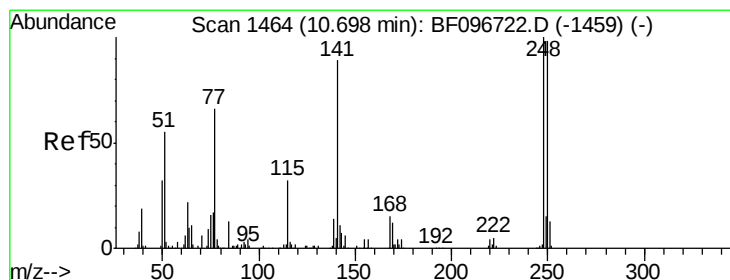
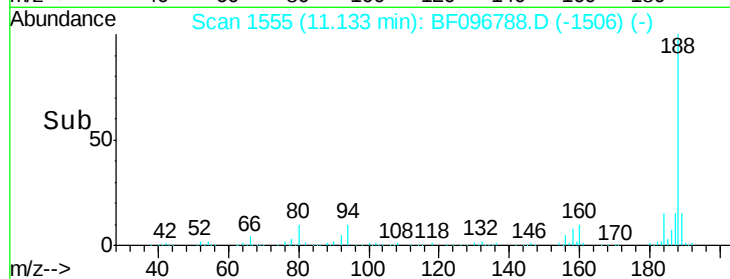
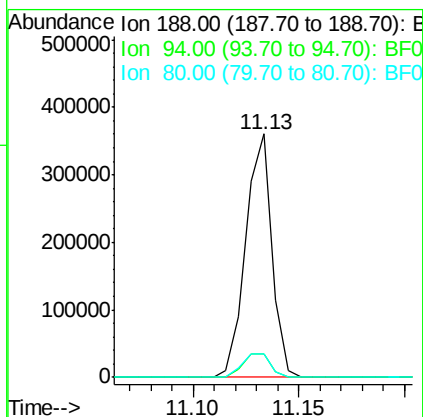
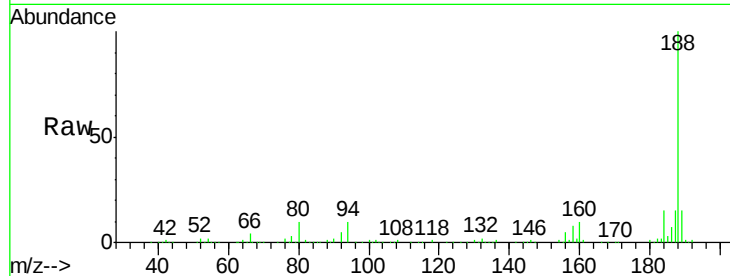




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096788.D
 Acq: 14 Jul 2017 22:59

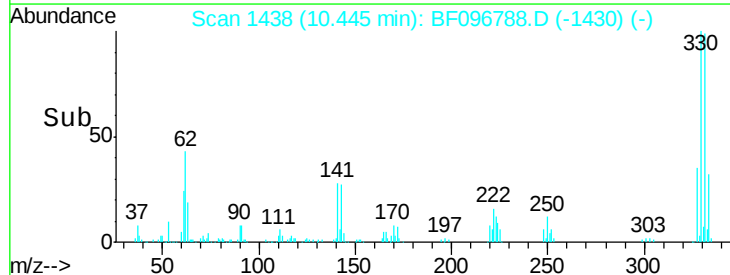
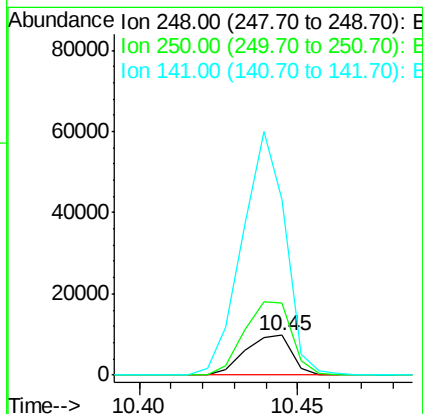
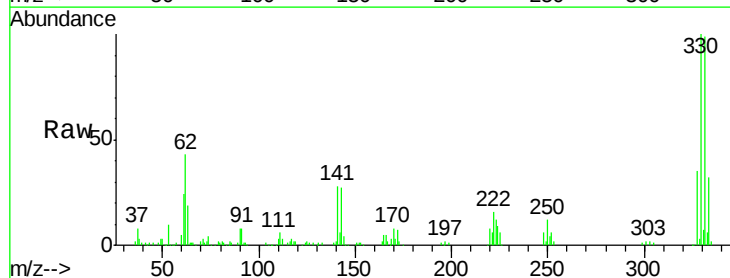
Instrument :
 BNA_F
 ClientSampled :

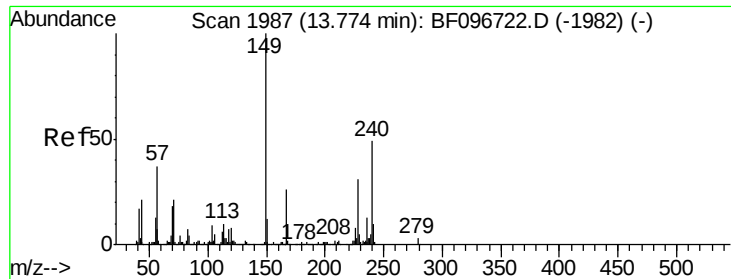
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	9.6	10.2	15.2#



#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF096788.D
 Acq: 14 Jul 2017 22:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.3	76.8	115.2#
141	446.3	68.6	103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_F

ClientSampleId :

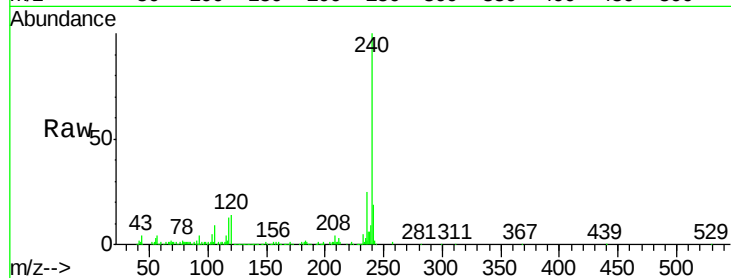
Tot Ion:240 Resp: 227921

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

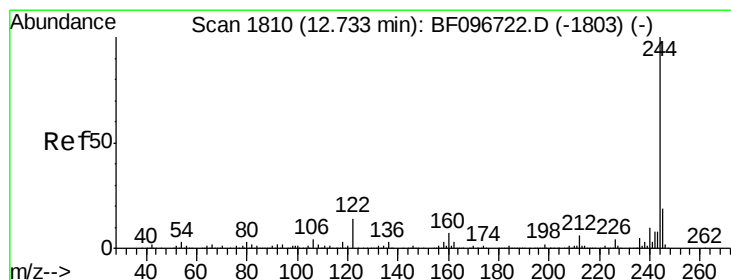
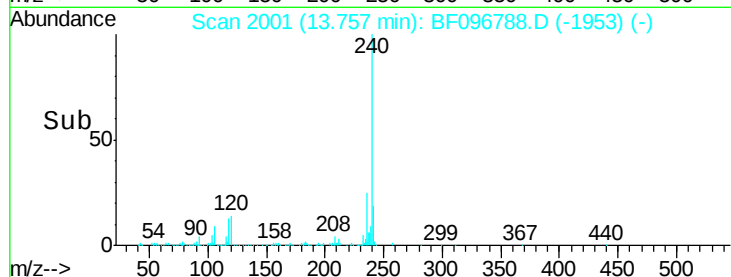
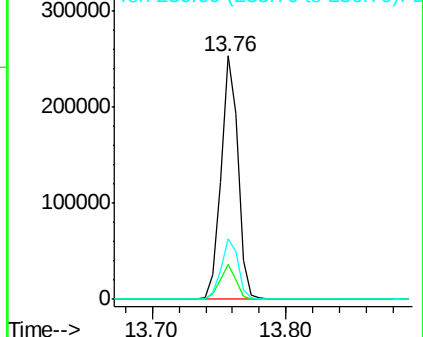
236 25.1 20.5 30.7



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: 43.21 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096788.D

Acq: 14 Jul 2017 22:59

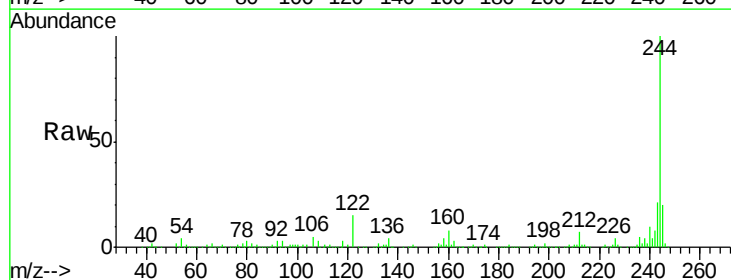
Tgt Ion:244 Resp: 567843

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

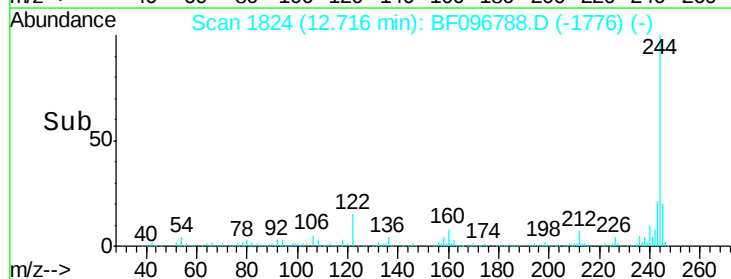
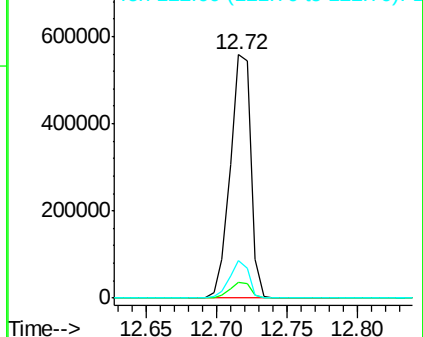
122 15.3 10.3 15.5

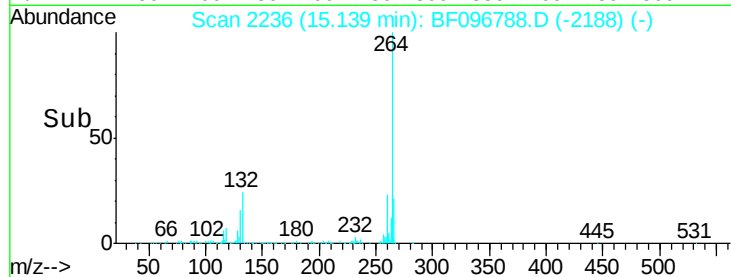
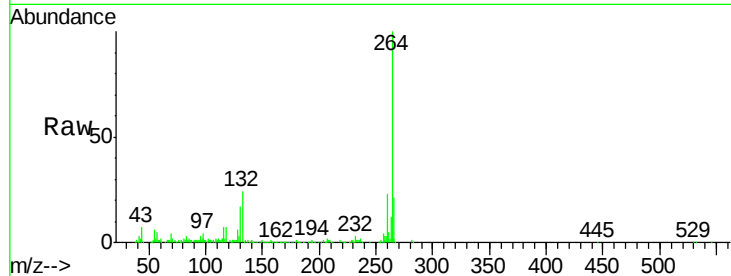
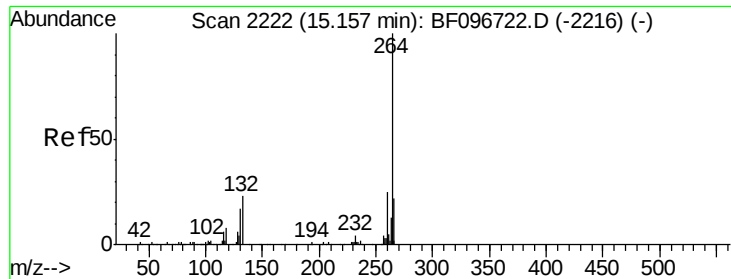


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096788.D
Acq: 14 Jul 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.2	17.2	25.8

