

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096898.D
 Acq On : 20 Jul 2017 10:06
 Operator : SJ/JU
 Sample : I4245-12RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:27:04 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

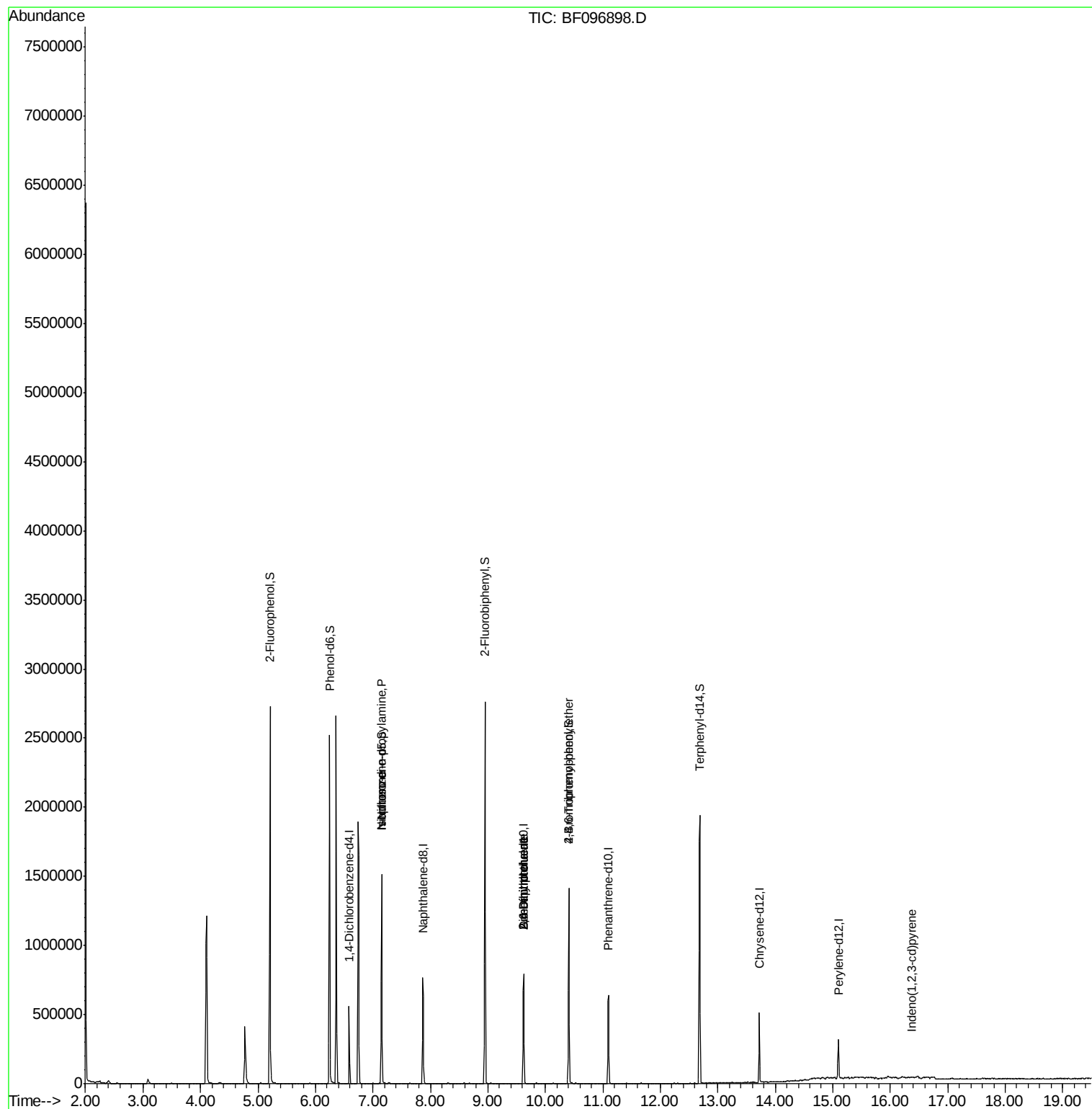
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	85648	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	348568	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	160869	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	236008	20.00	ng	0.00
75) Chrysene-d12	13.72	240	171636	20.00	ng	-0.01
86) Perylene-d12	15.10	264	112539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	792860	139.19	ng	0.01
7) Phenol-d6	6.25	99	944252	138.14	ng	0.00
23) Nitrobenzene-d5	7.16	82	477862	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	171841	125.14	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	883434	86.76	ng	-0.01
78) Terphenyl-d14	12.69	244	626317	63.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	63149	15.334	ng	# 88
25) Isophorone	7.16	82	474838	45.358	ng	# 67
49) Dimethylphthalate	9.62	163	47738	3.941	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	20366	7.762	ng	# 33
56) 2,4-Dinitrotoluene	9.62	165	20366	6.041	ng	# 32
66) 4-Bromophenyl-phenylether	10.41	248	11020	4.573	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.38	276	403	3.367	ng	# 44

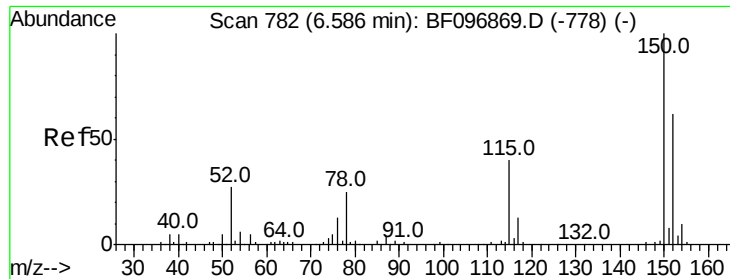
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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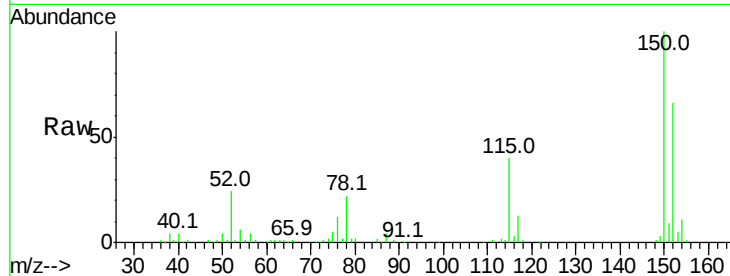


#1

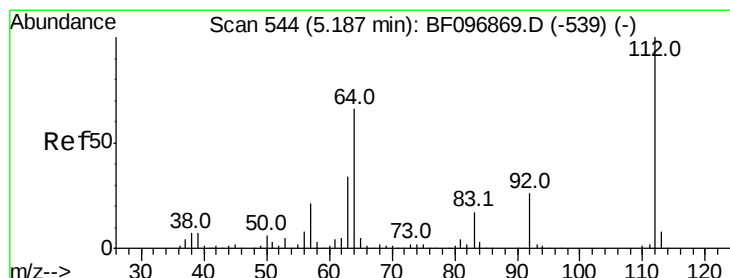
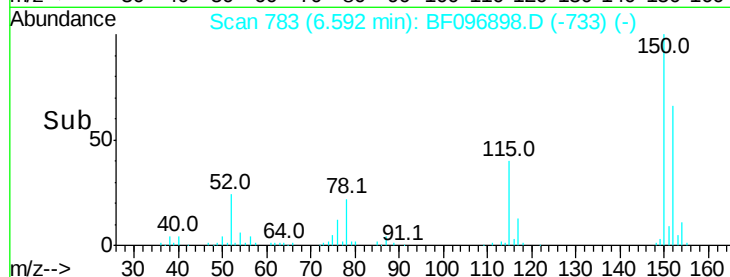
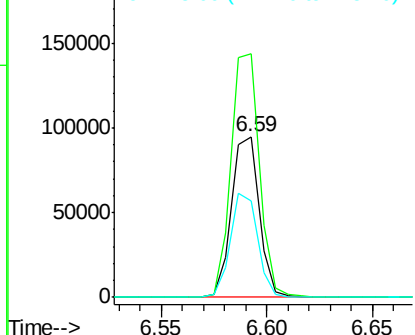
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85648
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 60.4 52.2 78.2



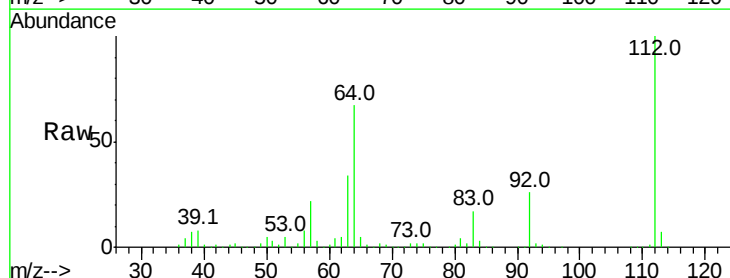
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



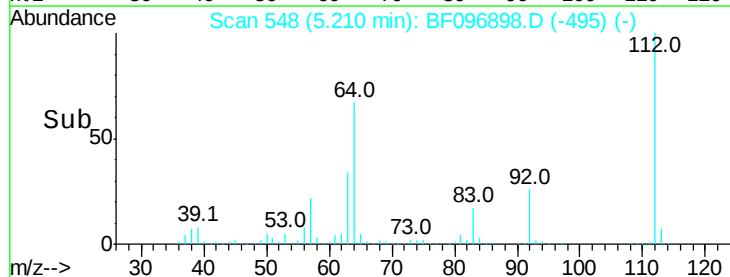
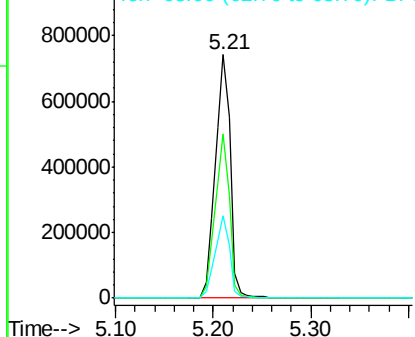
#5

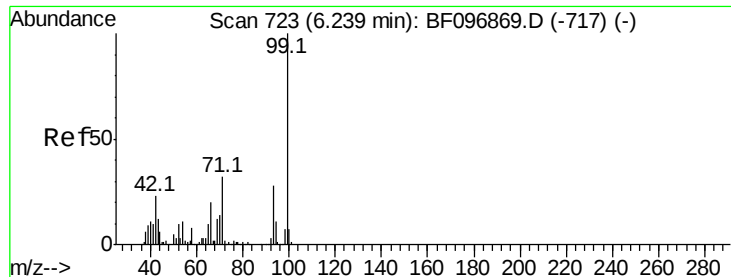
2-Fluorophenol
Concen: 139.190 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

Tgt Ion:112 Resp: 792860
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 33.8 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: 138.136 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampleId :

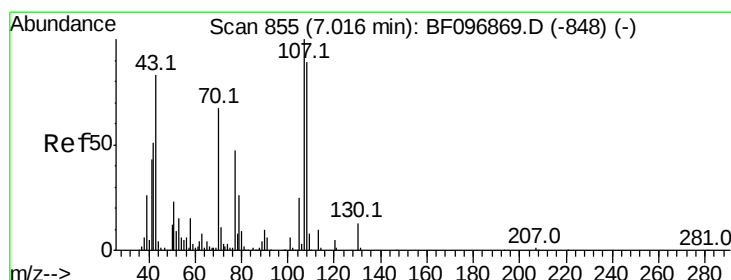
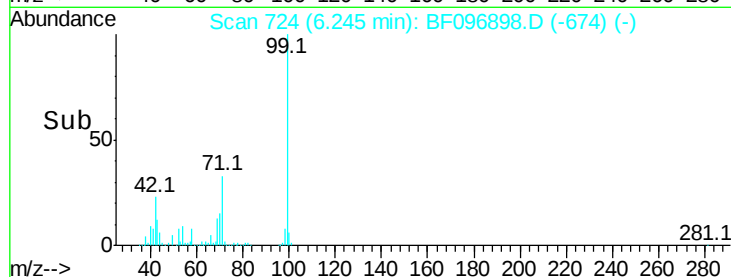
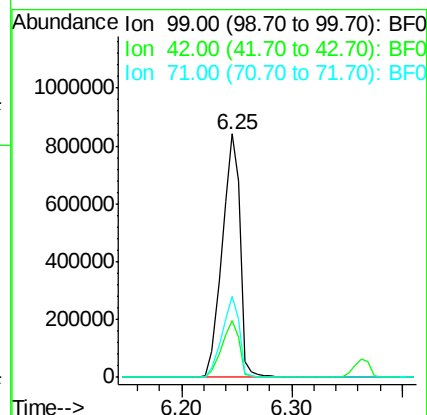
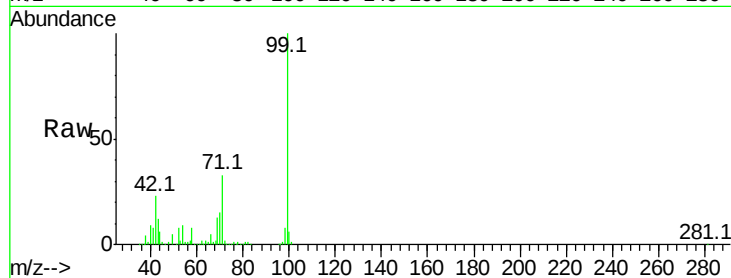
Tot Ion: 99 Resp: 944252

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.334 ng

RT: 7.16 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Tgt Ion: 70 Resp: 63149

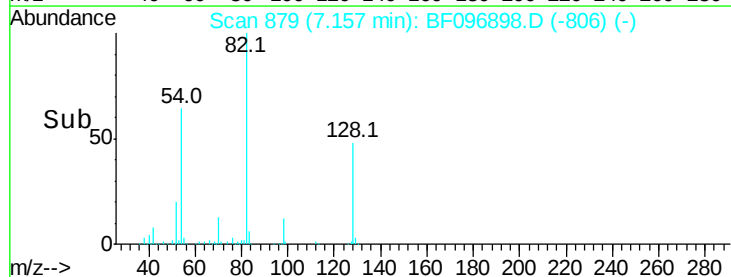
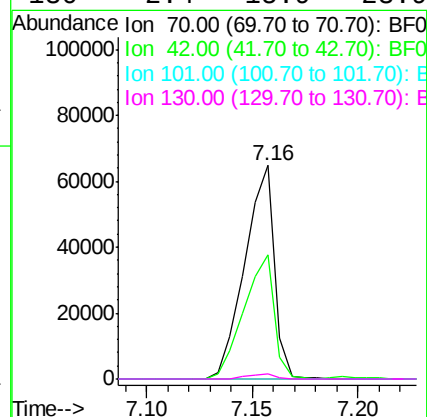
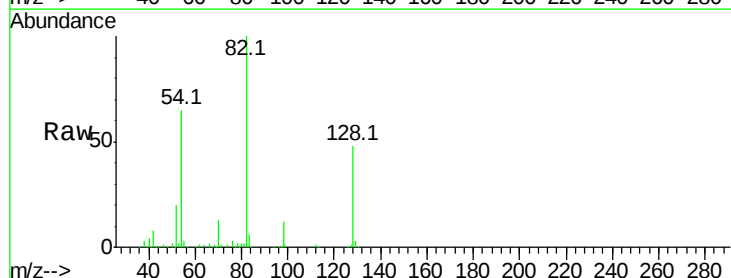
Ion Ratio Lower Upper

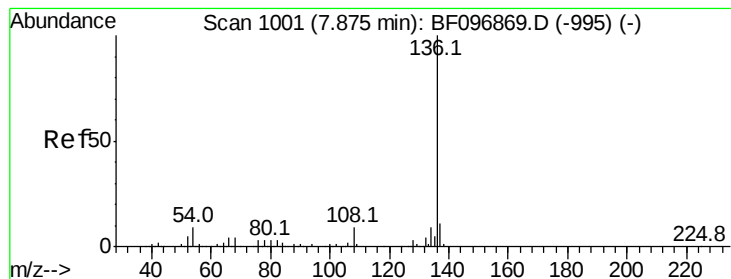
70 100

42 58.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 348568

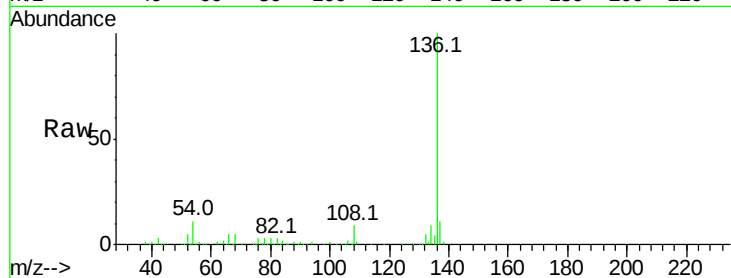
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.6 4.9 7.3#

68 4.7 4.1 6.1

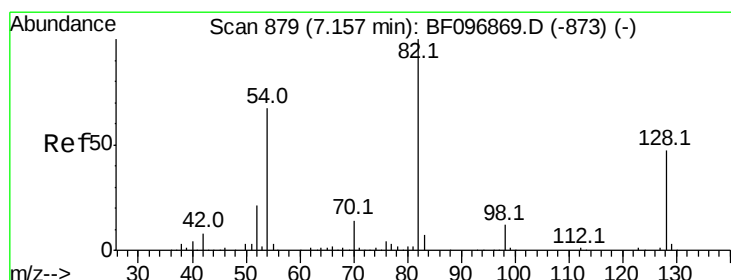
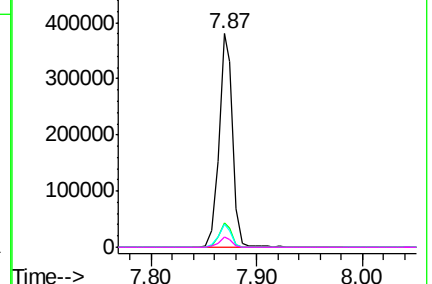
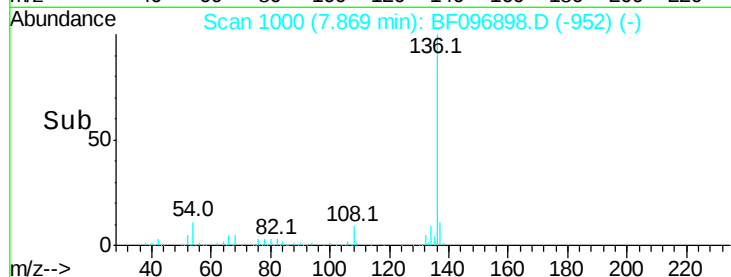


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.916 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

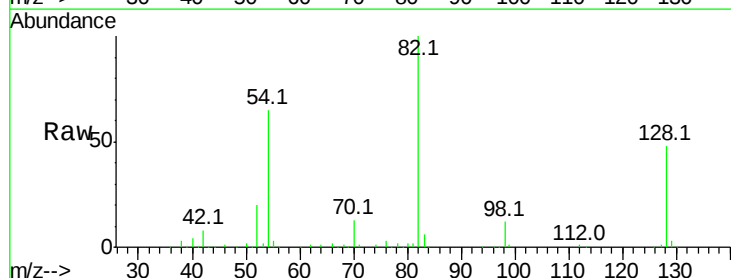
Tgt Ion: 82 Resp: 477862

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

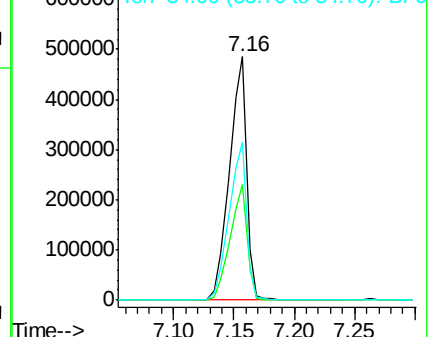
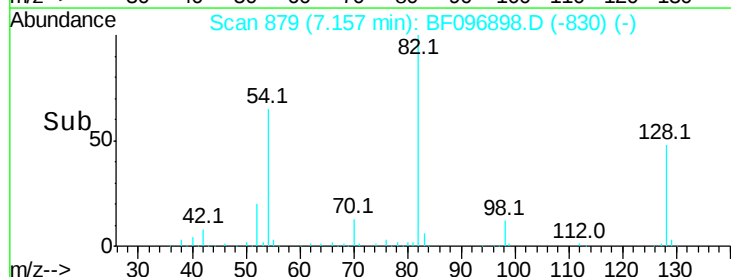
54 64.6 42.2 63.2#

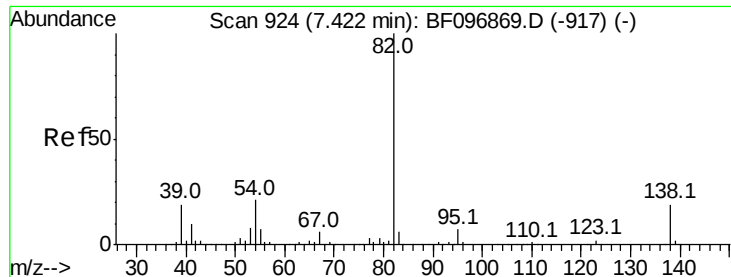


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.358 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampleId :

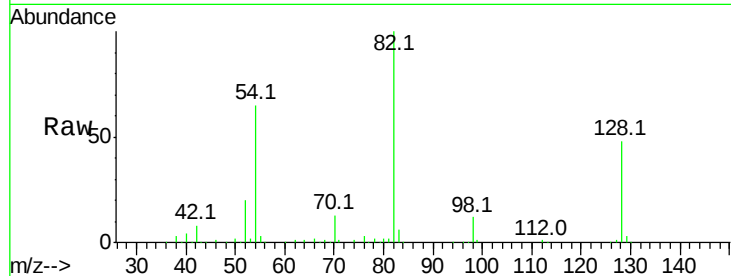
Tot Ion: 82 Resp: 474838

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

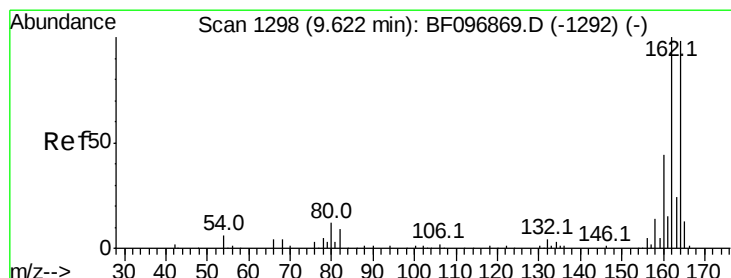
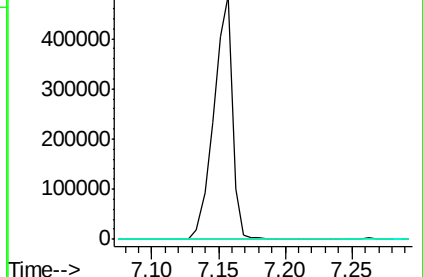
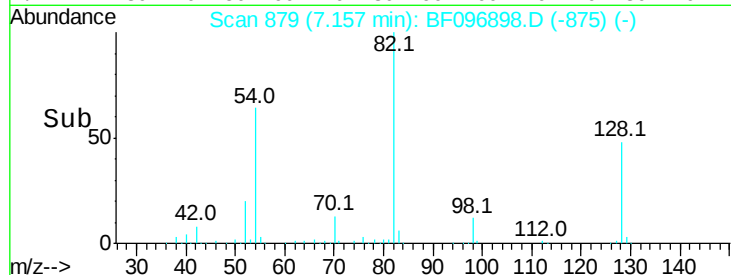
138 0.0 13.1 19.7#



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: 9.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

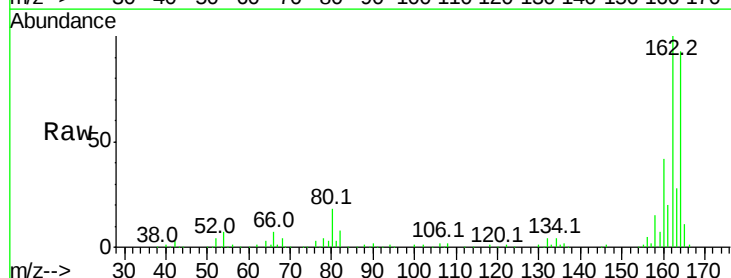
Tgt Ion:164 Resp: 160869

Ion Ratio Lower Upper

164 100

162 107.0 82.6 123.8

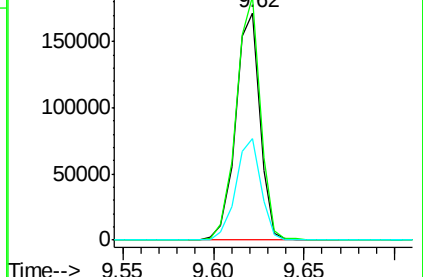
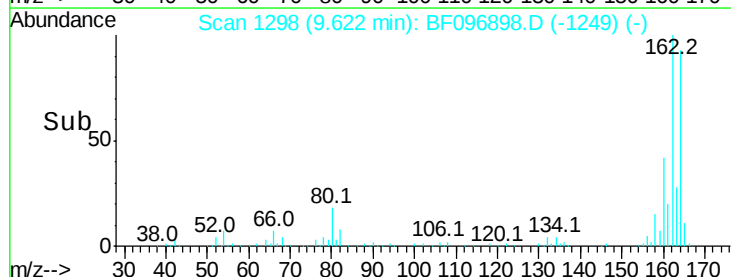
160 44.7 36.2 54.2

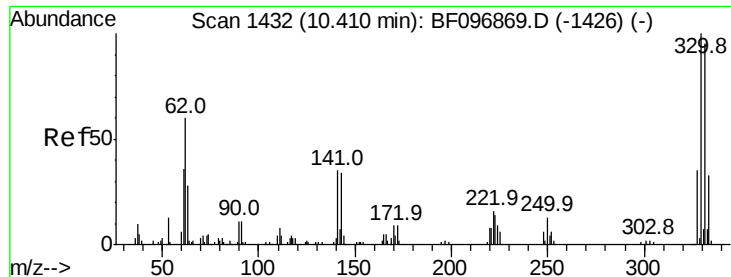


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 125.143 ng

RT: 10.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampled :

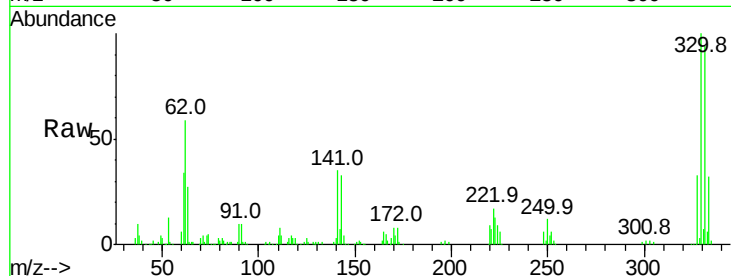
Tot Ion:330 Resp: 171841

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

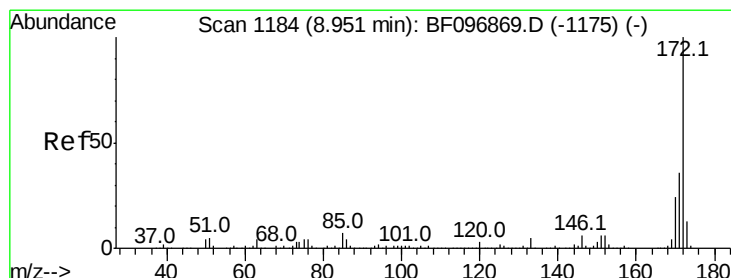
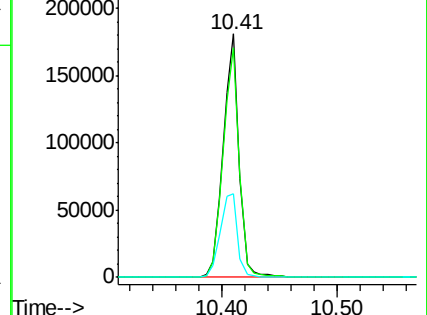
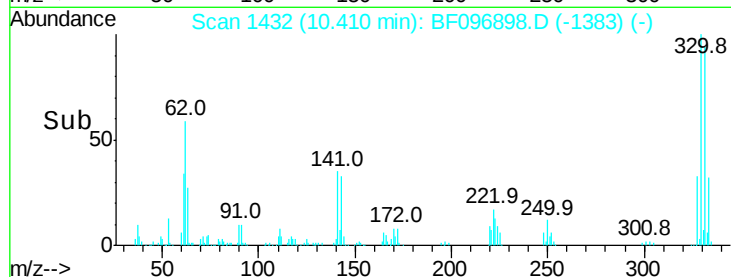
141 37.8 31.4 47.2



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: 86.764 ng

RT: 8.95 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

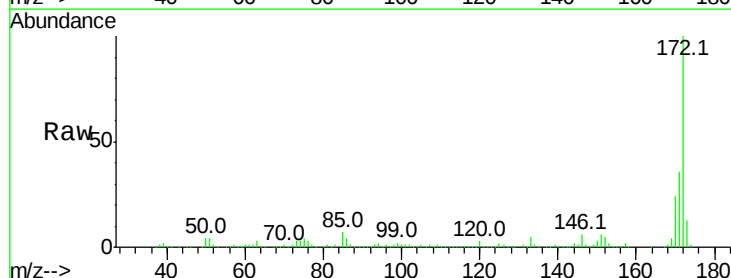
Tgt Ion:172 Resp: 883434

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

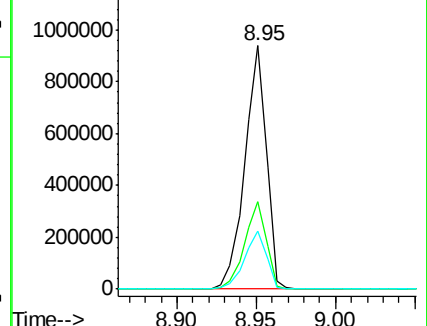
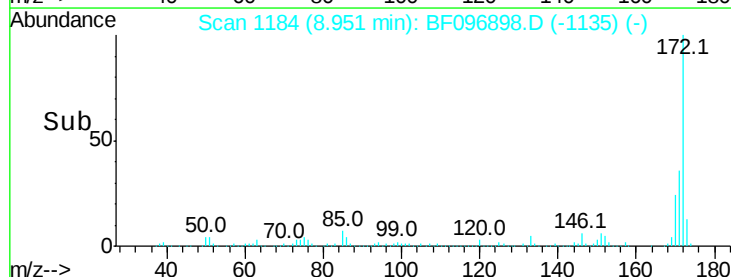
170 24.0 19.8 29.8

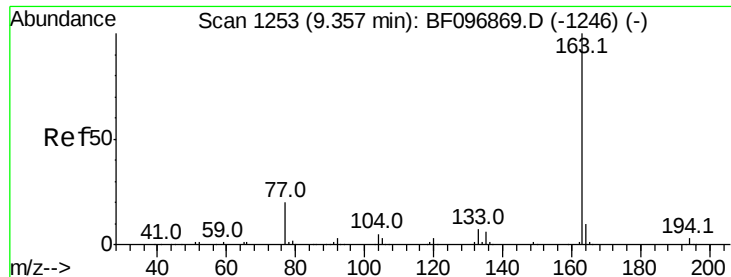


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

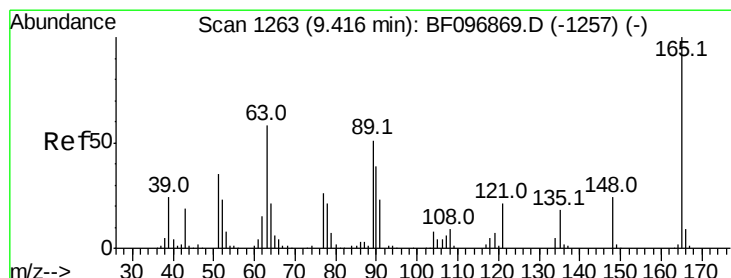
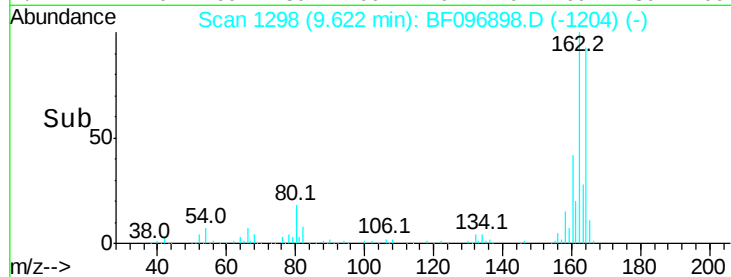
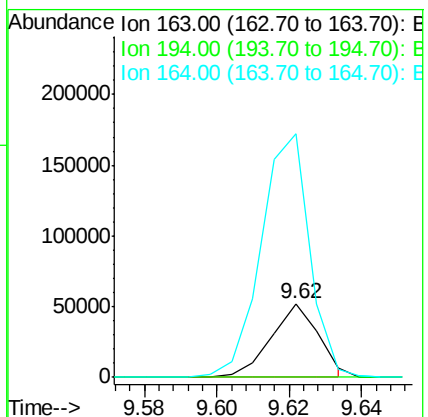
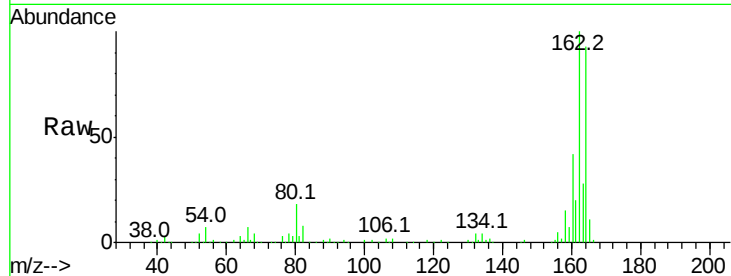




#49
Dimethylphthalate
Concen: 3.941 ng
RT: 9.62 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

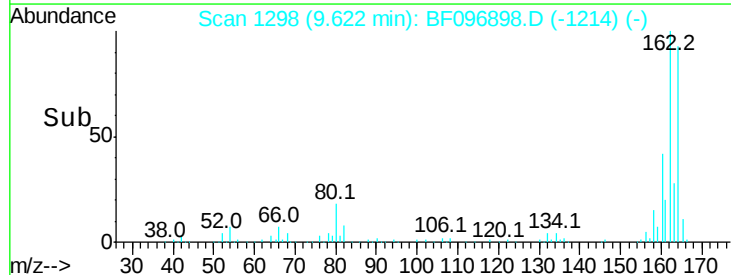
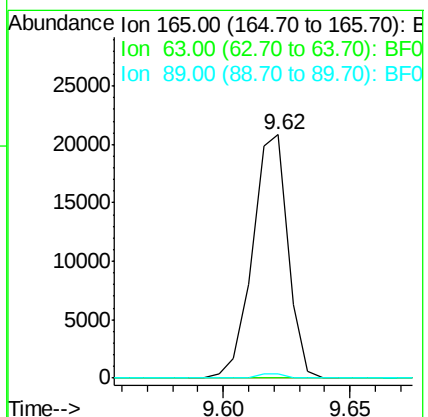
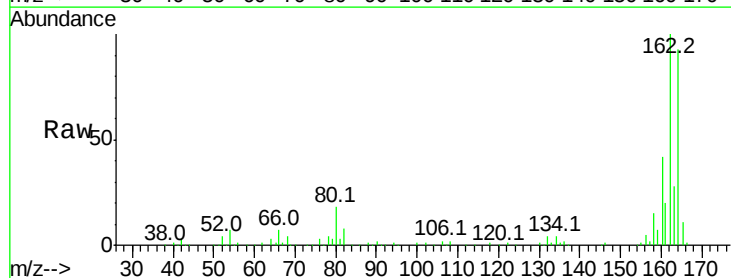
Instrument :
BNA_F
ClientSampleId :

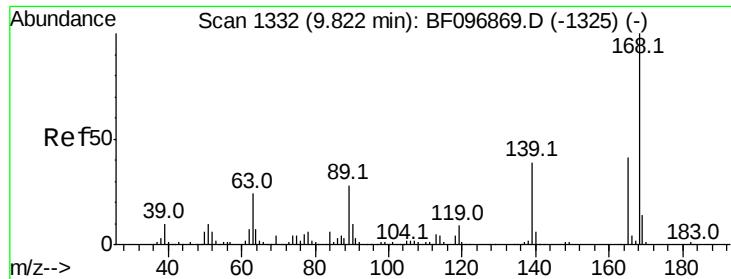
Tot Ion:163 Resp: 47738
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 330.7 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.762 ng
RT: 9.62 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

Tgt Ion:165 Resp: 20366
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.6 37.1 55.7#

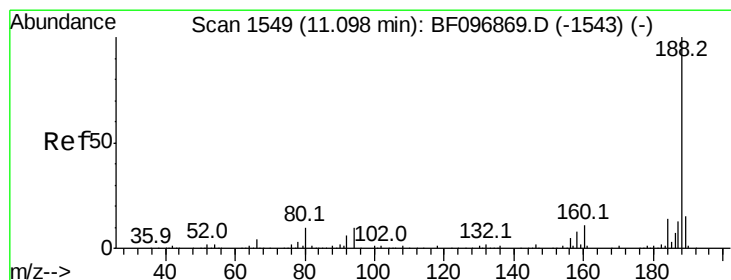
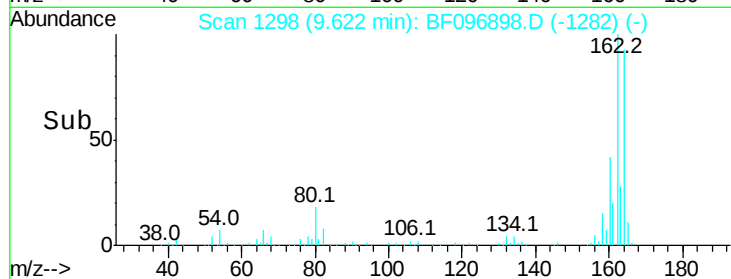
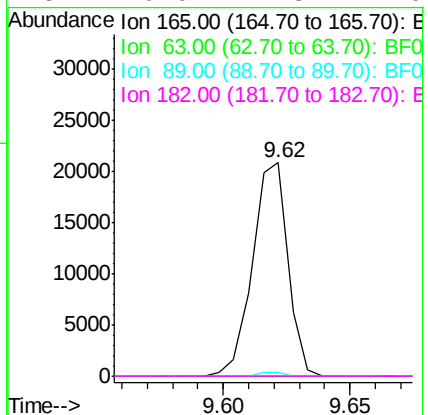
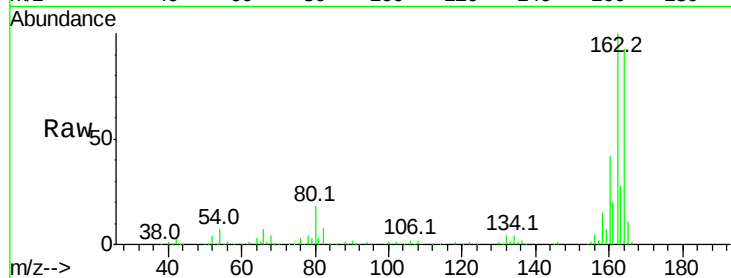




#56
 2,4-Dinitrotoluene
 Concen: 6.041 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

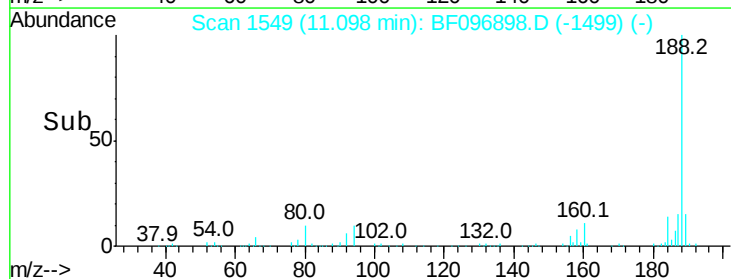
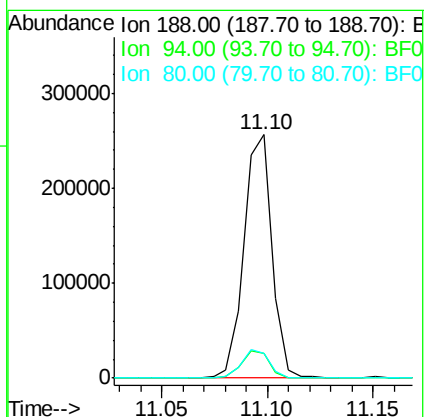
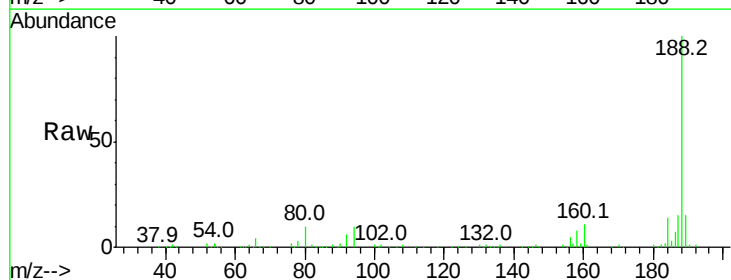
Instrument :
 BNA_F
 ClientSampleId :

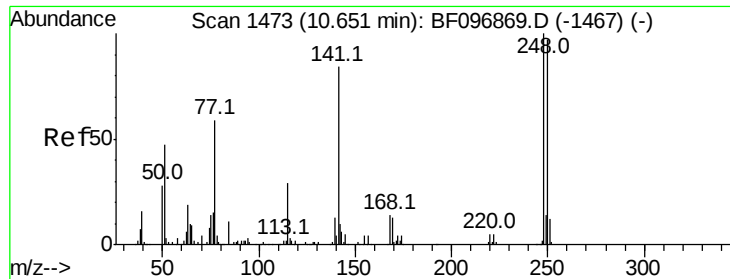
Tot Ion:165 Resp: 20366
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Tgt Ion:188 Resp: 236008
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.0 10.2 15.2#

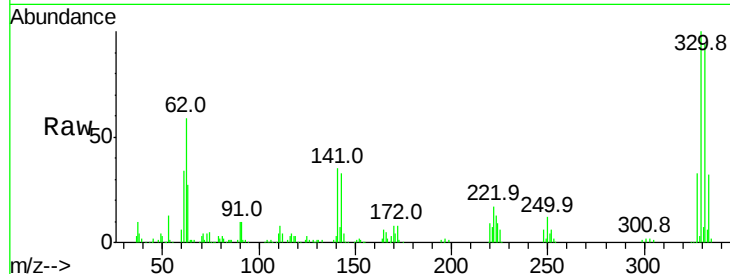




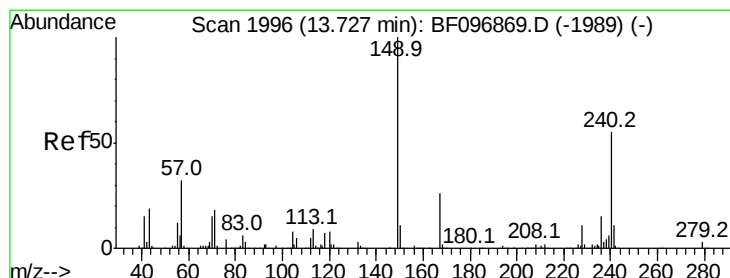
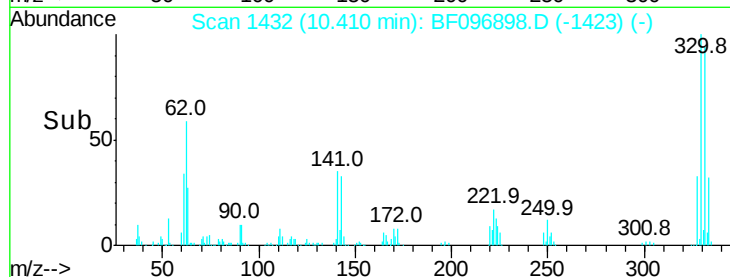
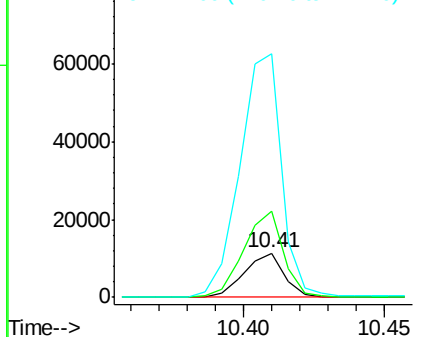
#66
 4-Bromophenyl-phenylether
 Concen: 4.573 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11020
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.8 115.2#
 141 549.7 68.6 103.0#

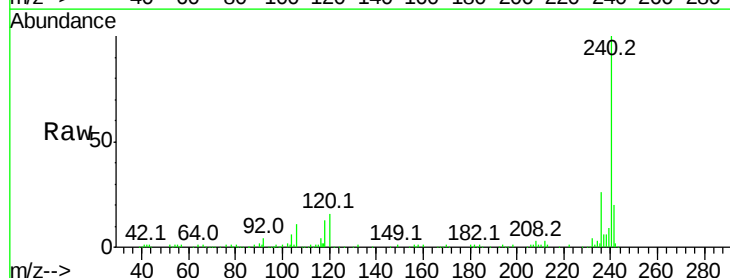


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

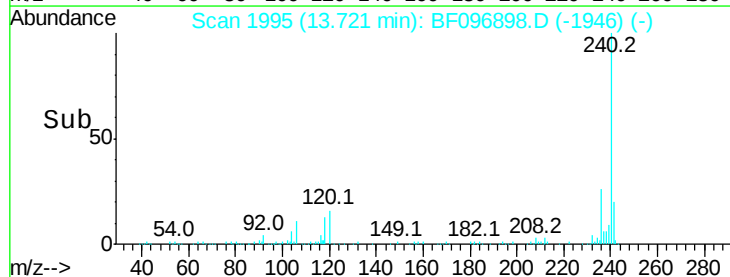
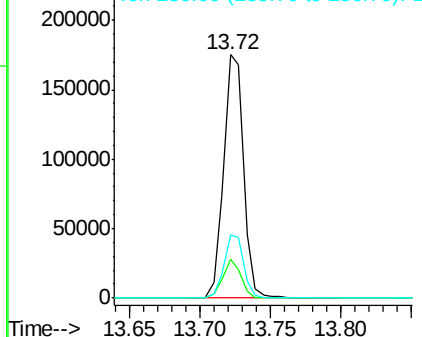


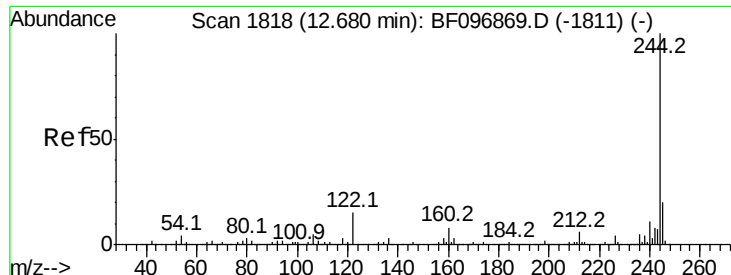
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096898.D
 Acq: 20 Jul 2017 10:06

Tgt Ion:240 Resp: 171636
 Ion Ratio Lower Upper
 240 100
 120 16.1 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: 63.285 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

Instrument :

BNA_F

ClientSampleId :

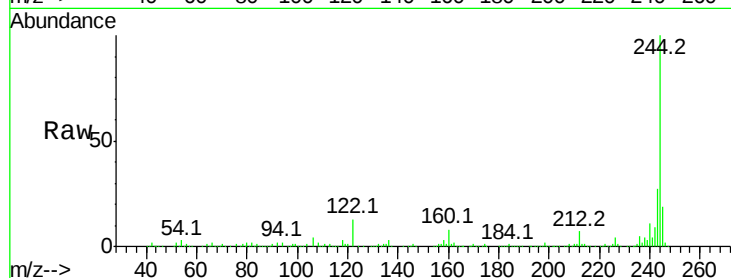
Tot Ion:244 Resp: 626317

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 13.4 10.3 15.5

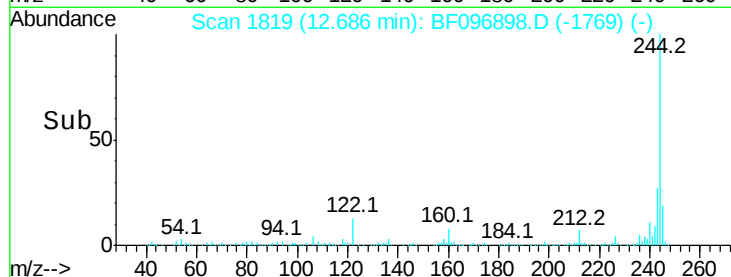


Abundance Ion 244.00 (243.70 to 244.70): E

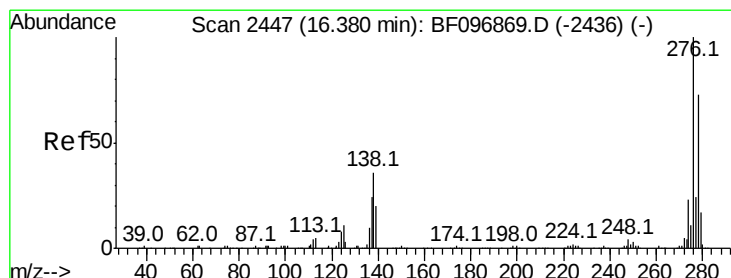
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.69



Time--> 12.60 12.65 12.70 12.75



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.367 ng

RT: 16.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF096898.D

Acq: 20 Jul 2017 10:06

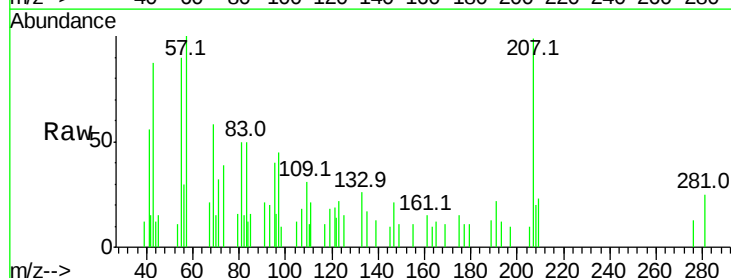
Tgt Ion:276 Resp: 403

Ion Ratio Lower Upper

276 100

138 0.0 27.8 41.6#

277 0.0 20.2 30.4#

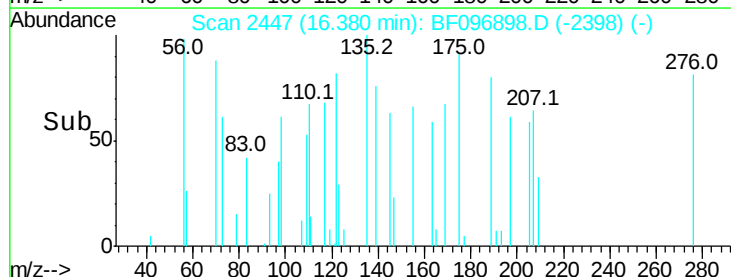


Abundance Ion 276.00 (275.70 to 276.70): E

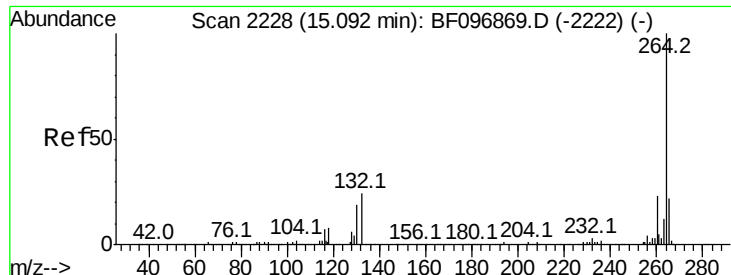
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.38



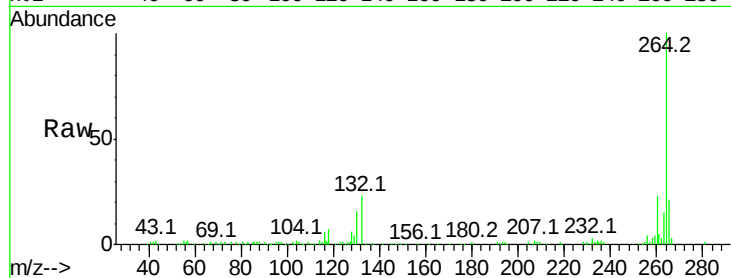
Time--> 16.36 16.38 16.40



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096898.D
Acq: 20 Jul 2017 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.3	17.2	25.8



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

