

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096796.D
 Acq On : 15 Jul 2017 2:43
 Operator : SJ/JU
 Sample : I4187-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 04:07:13 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

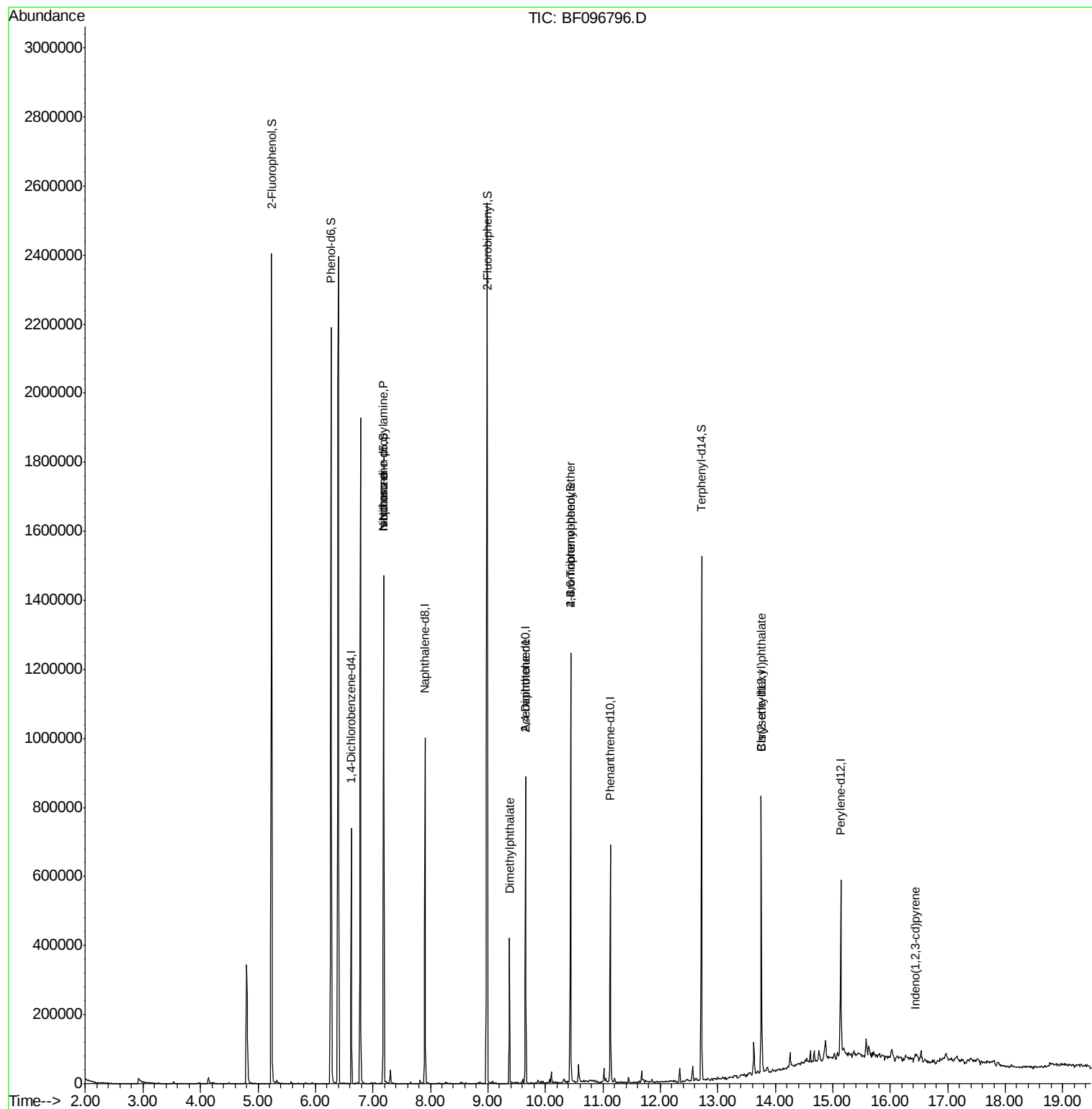
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	103760	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	419601	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	179355	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	236890	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	218570	20.00	ng	-0.02
86) Perylene-d12	15.14	264	198996	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	696183	100.88	ng	0.00
7) Phenol-d6	6.27	99	753459	90.98	ng	0.00
23) Nitrobenzene-d5	7.19	82	439632	64.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	125257	81.82	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	796580	70.17	ng	-0.01
78) Terphenyl-d14	12.72	244	450275	35.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	58671	11.76	ng	# 88
25) Isophorone	7.19	82	439055	34.84	ng	# 67
49) Dimethylphthalate	9.37	163	159961	11.84	ng	99
56) 2,4-Dinitrotoluene	9.66	165	22534	5.99	ng	# 33
66) 4-Bromophenyl-phenylether	10.44	248	8715	3.60	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.76	149	30916	2.69	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.43	276	5426	3.75	ng	# 83

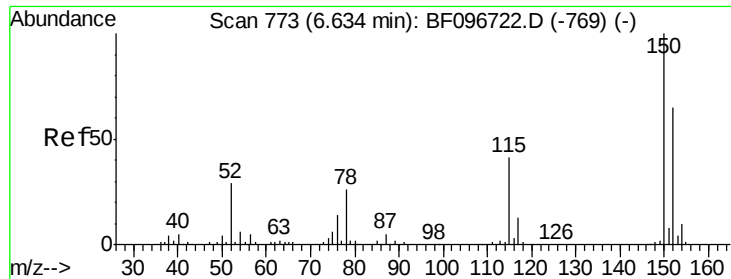
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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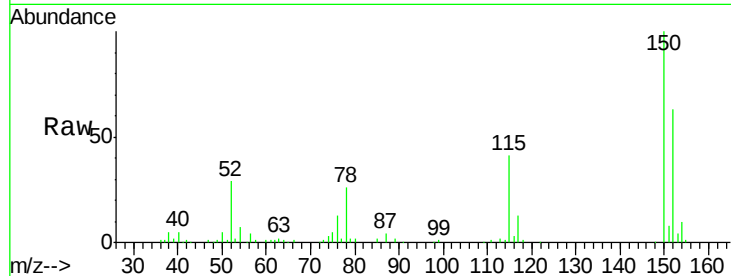


#1

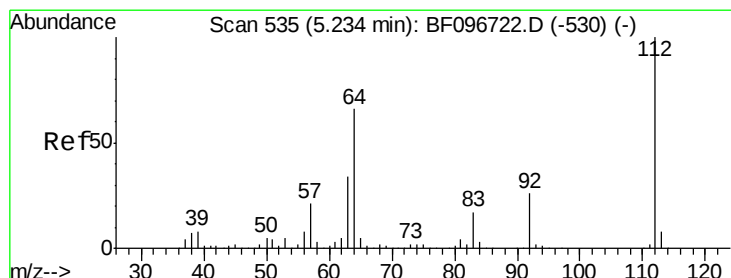
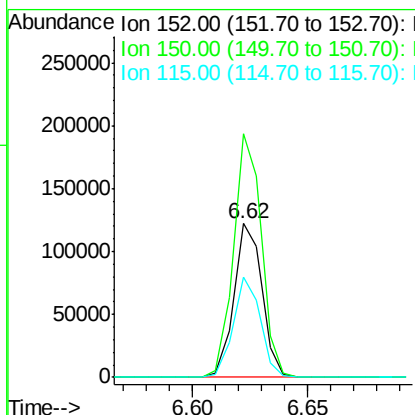
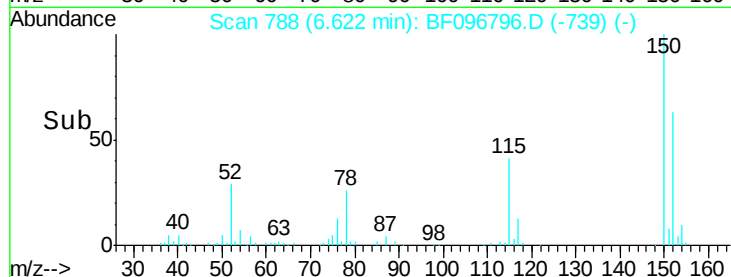
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103760
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 65.3 52.2 78.2



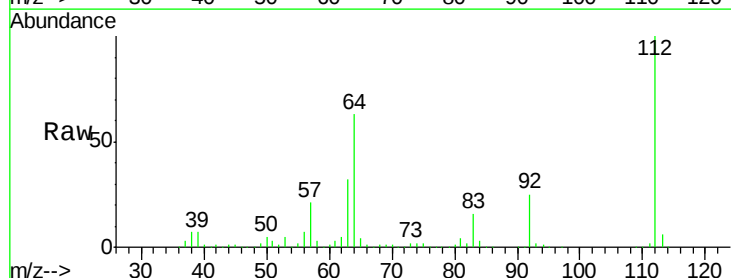
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



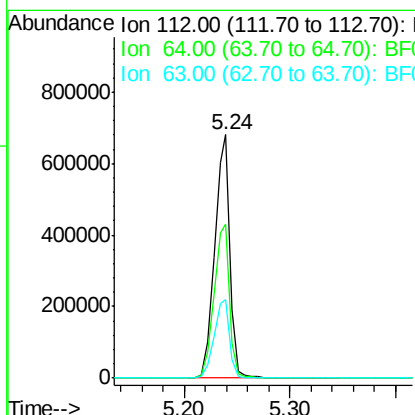
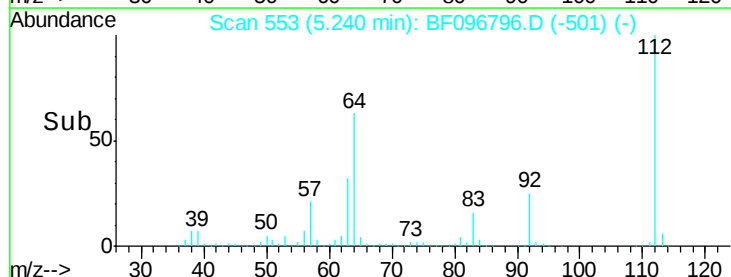
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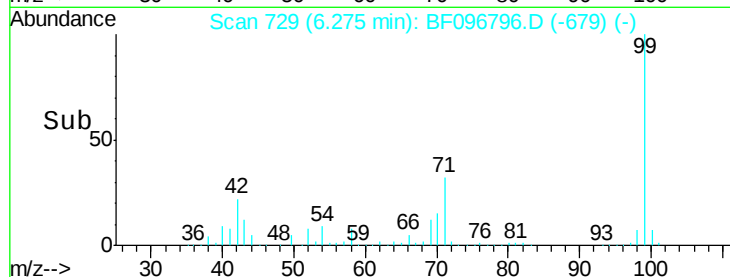
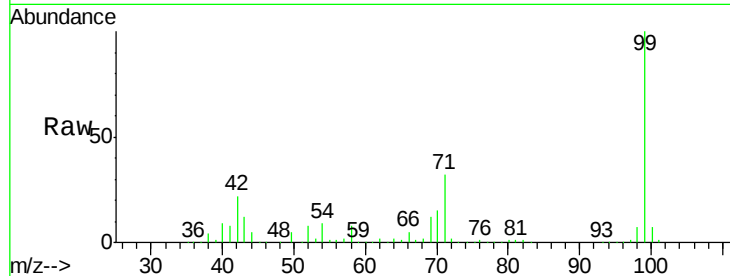
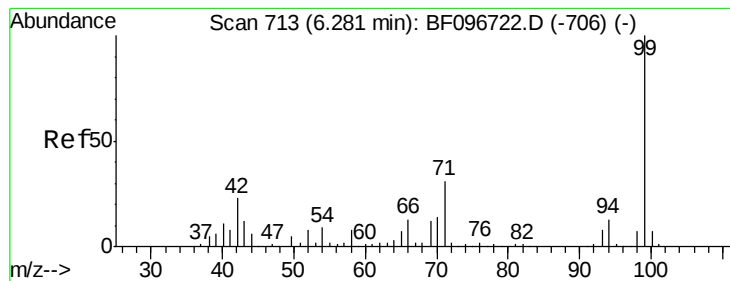
2-Fluorophenol
Concen: 100.88 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Tgt Ion:112 Resp: 696183
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 32.2 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: 90.98 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

Instrument :

BNA_F

ClientSampleId :

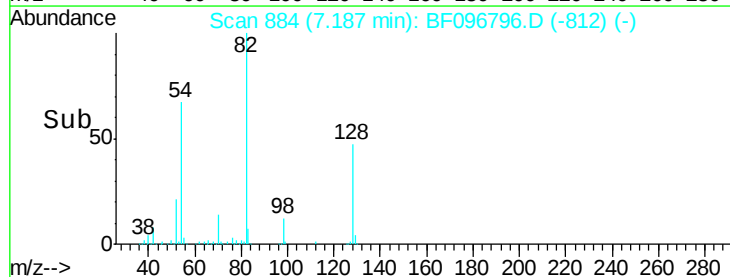
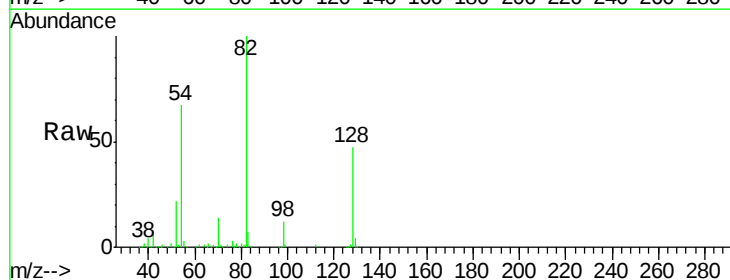
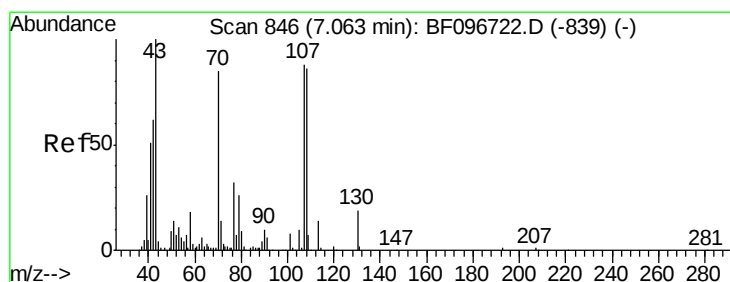
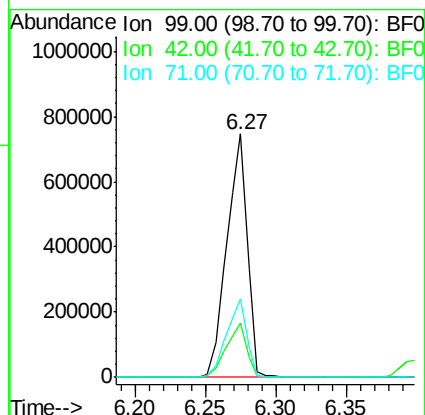
Tot Ion: 99 Resp: 753459

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

71 32.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.76 ng

RT: 7.19 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

Tgt Ion: 70 Resp: 58671

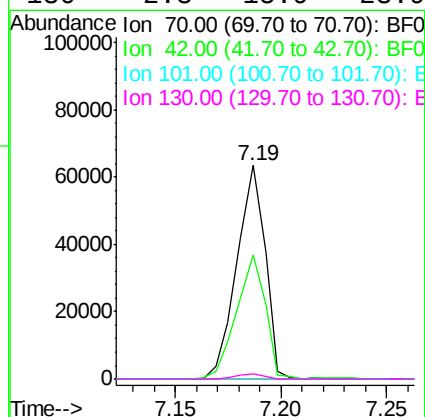
Ion Ratio Lower Upper

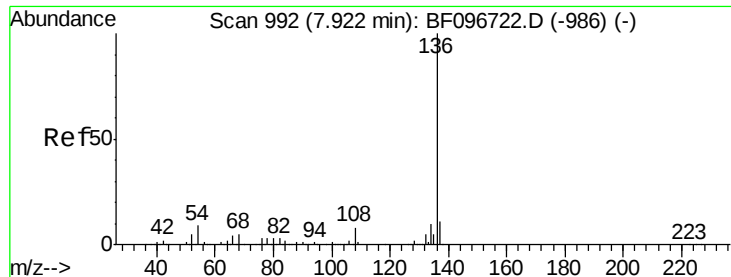
70 100

42 58.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

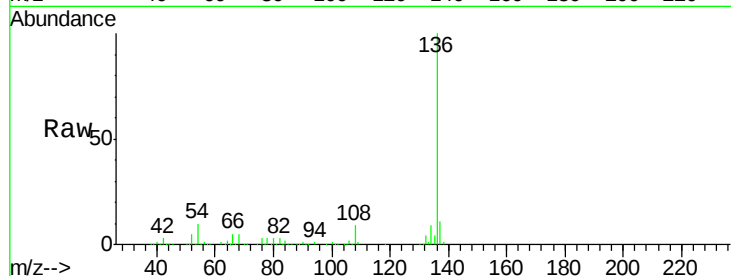




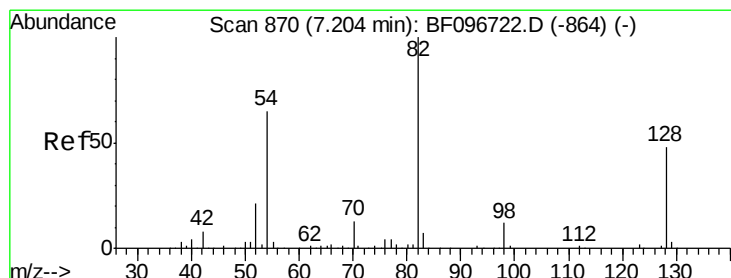
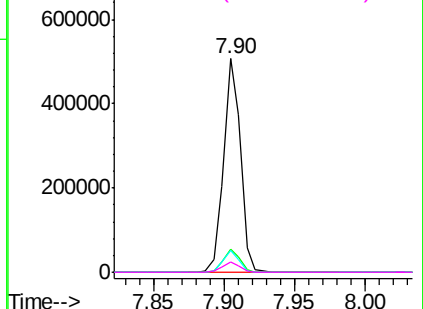
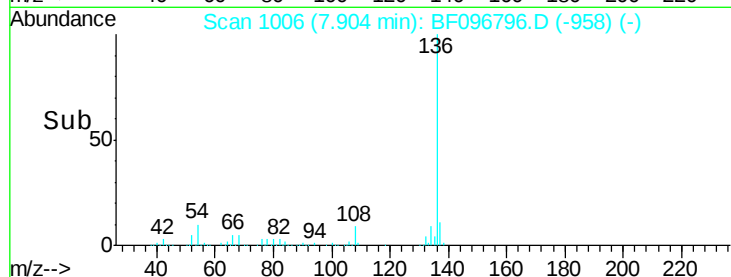
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	419601
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	9.9	4.9 7.3#
68	4.7	4.1 6.1

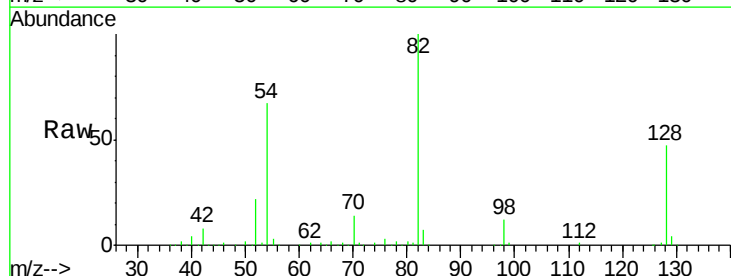


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

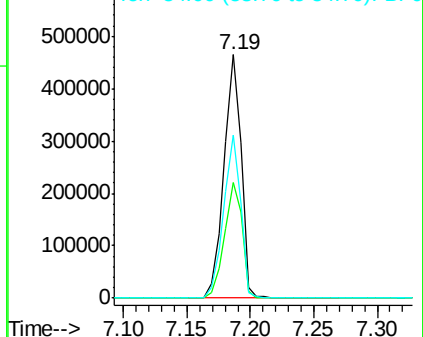
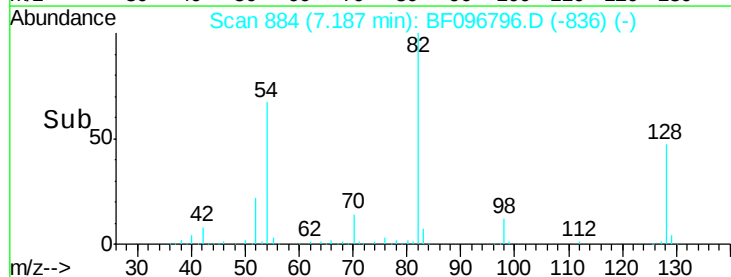


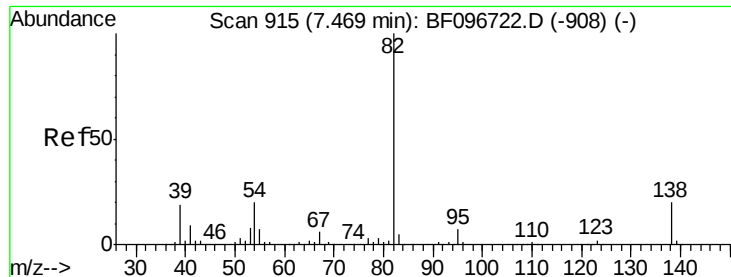
#23
Nitrobenzene-d5
Concen: 64.90 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Tgt Ion: 82	Resp:	439632
Ion Ratio	Lower	Upper
82	100	
128	47.4	34.0 51.0
54	66.9	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: 34.84 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

Instrument :

BNA_F

ClientSampleId :

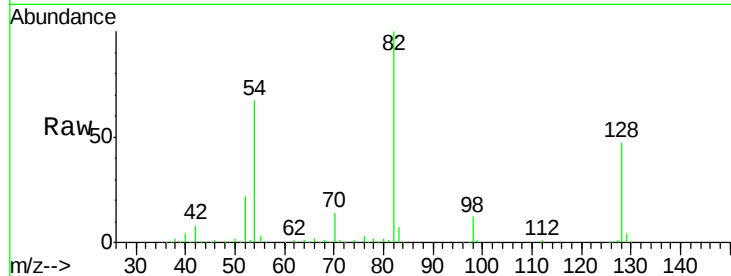
Tot Ion: 82 Resp: 439055

Ion Ratio Lower Upper

82 100

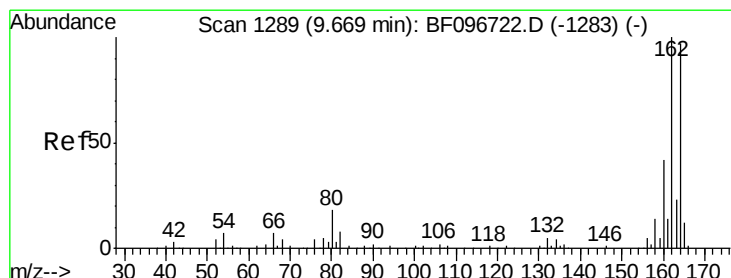
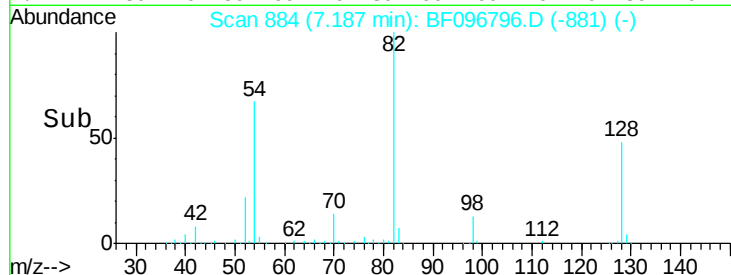
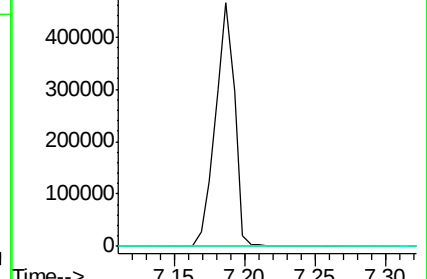
95 0.0 5.3 7.9#

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): E

7.19



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

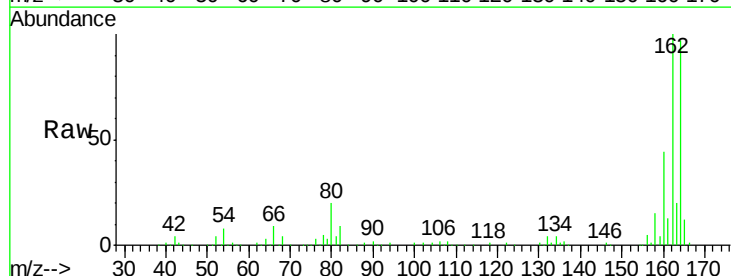
Tgt Ion: 164 Resp: 179355

Ion Ratio Lower Upper

164 100

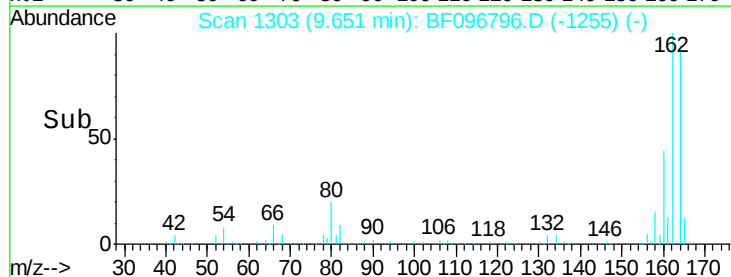
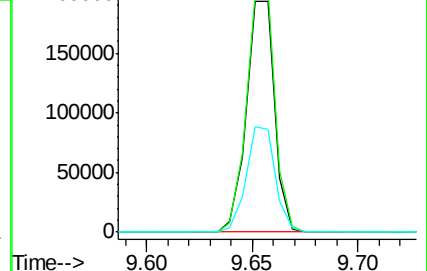
162 103.0 82.6 123.8

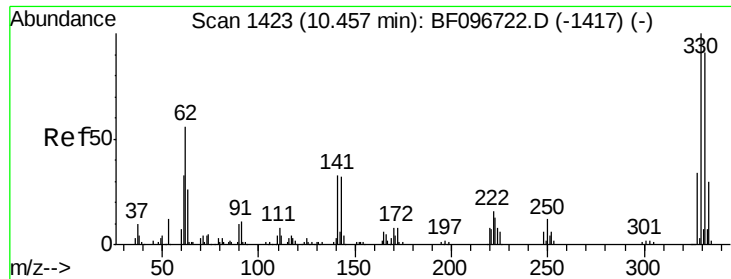
160 45.6 36.2 54.2



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

9.65





#41

2,4,6-Tribromophenol

Concen: 81.82 ng

RT: 10.44 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF096796.D

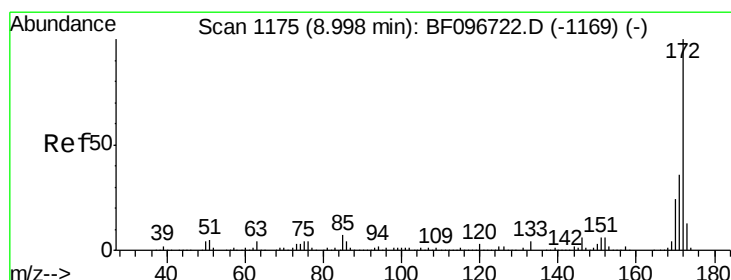
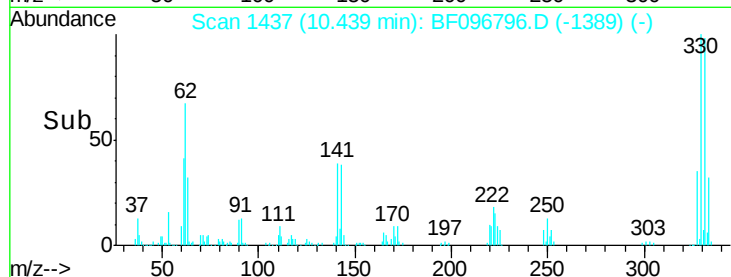
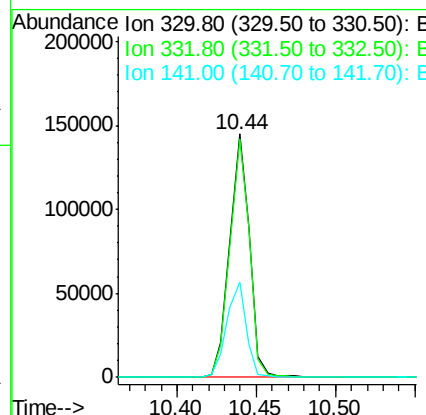
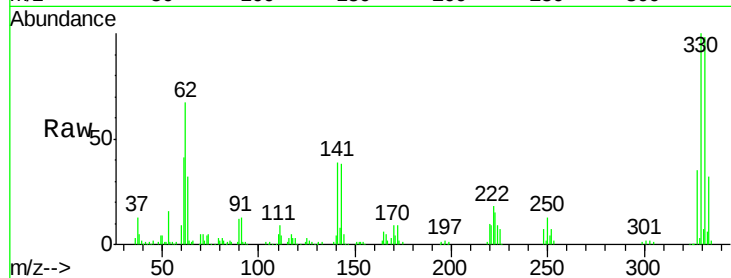
Acq: 15 Jul 2017 2:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	125257
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	115.0
141	38.4	31.4	47.2



#44

2-Fluorobiphenyl

Concen: 70.17 ng

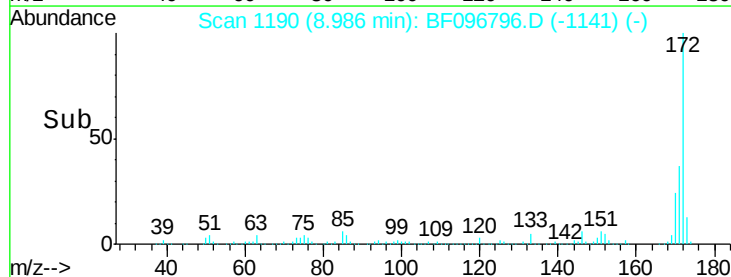
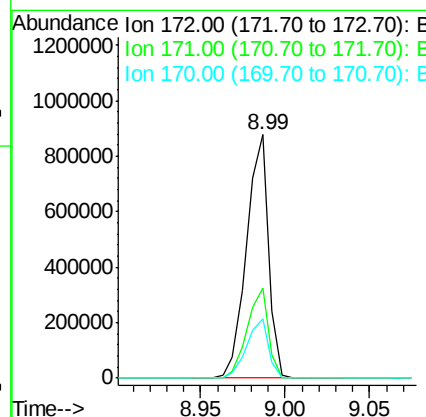
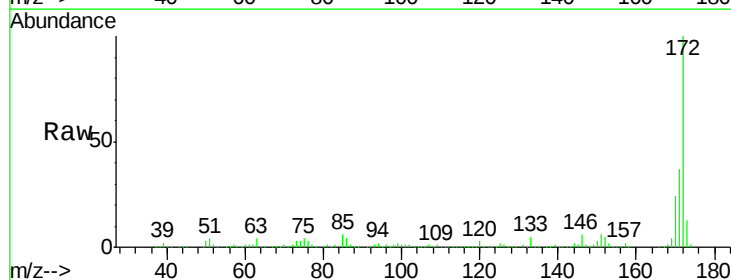
RT: 8.99 min Scan# 1190

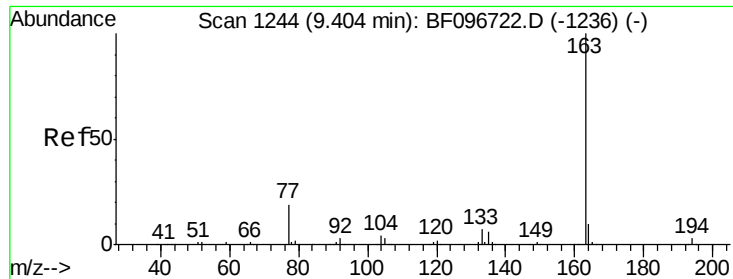
Delta R.T. -0.01 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

Tgt Ion:	172	Resp:	796580
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.4	19.8	29.8

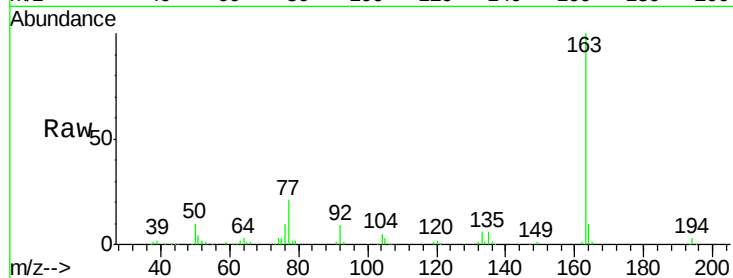




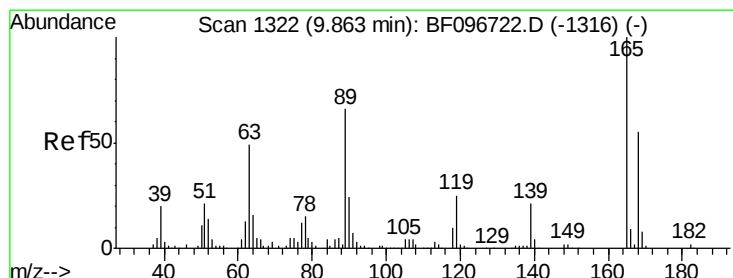
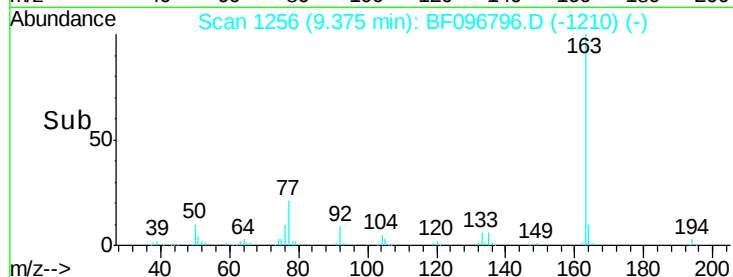
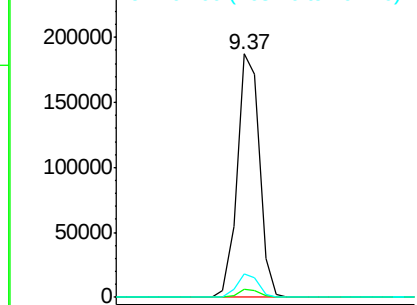
#49
Dimethylphthalate
Concen: 11.84 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 159961
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.4 12.6

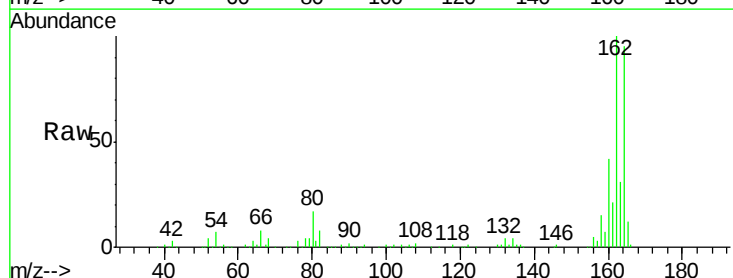


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

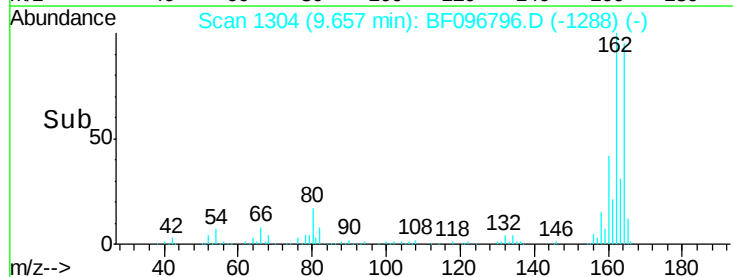
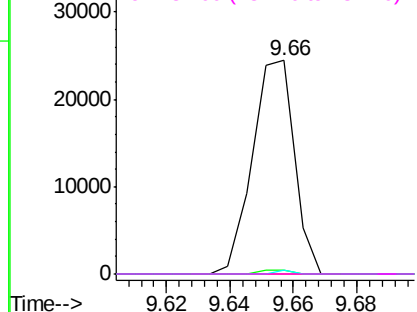


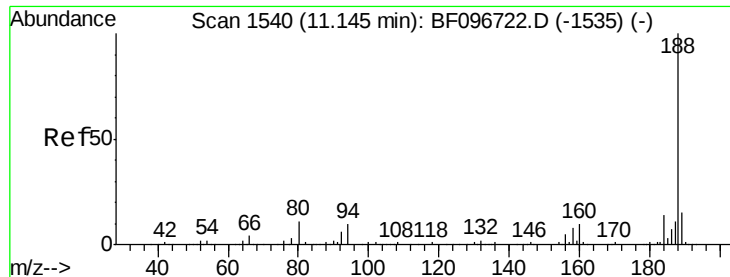
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.66 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Tgt Ion:165 Resp: 22534
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 1.6 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

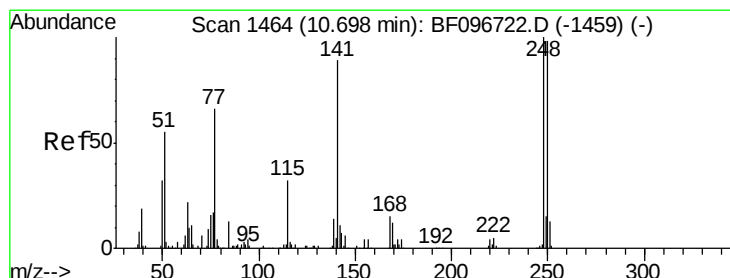
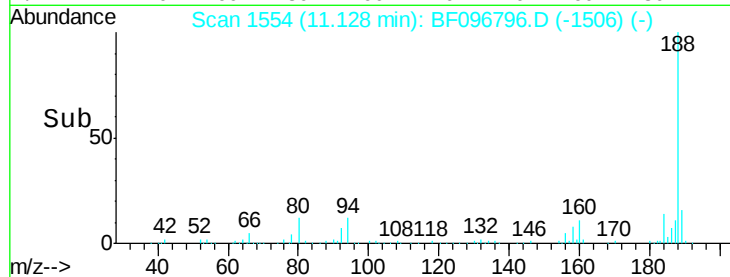
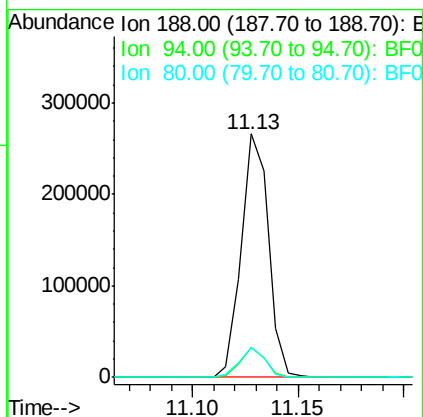
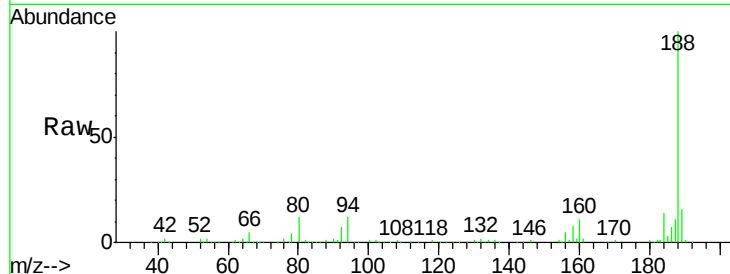




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

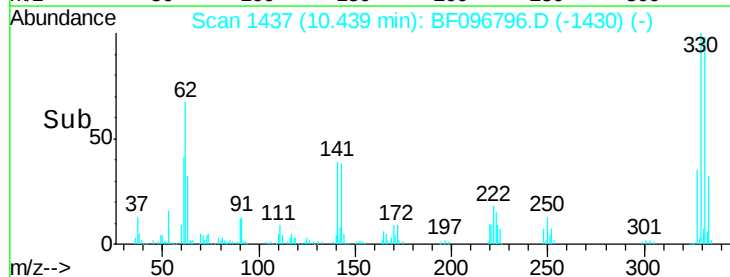
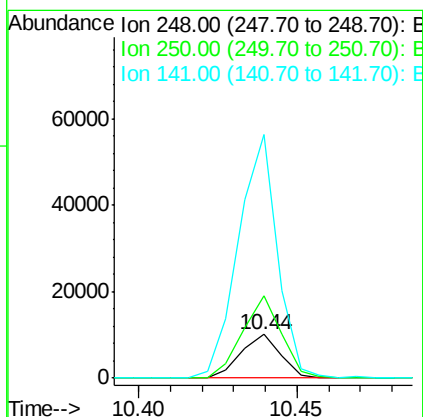
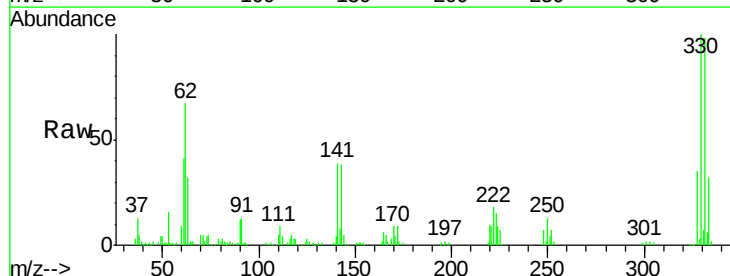
Instrument :
BNA_F
ClientSampleId :

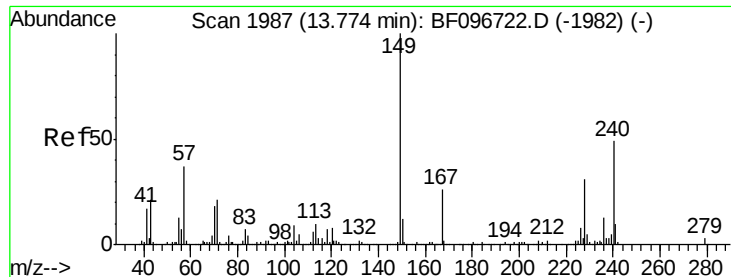
Tot Ion:188 Resp: 236890
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.4 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.44 min Scan# 1437
Delta R.T. -0.26 min
Lab File: BF096796.D
Acq: 15 Jul 2017 2:43

Tgt Ion:248 Resp: 8715
Ion Ratio Lower Upper
248 100
250 189.6 76.8 115.2#
141 559.1 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: BF096796.D

Acq: 15 Jul 2017 2:43

Instrument :

BNA_F

ClientSampleId :

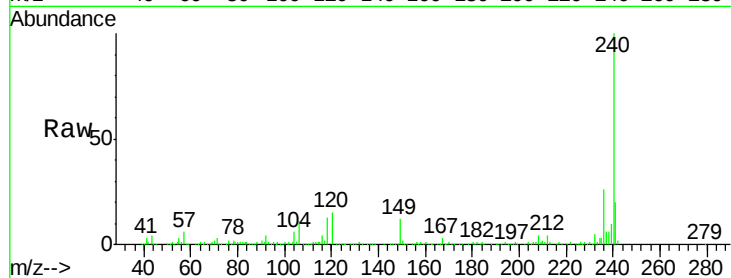
Tot Ion:240 Resp: 218570

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

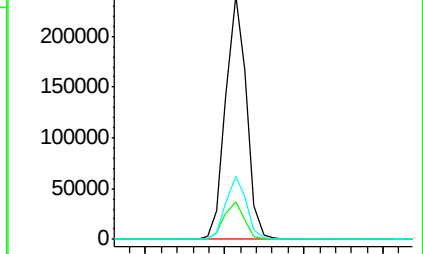
236 26.0 20.5 30.7



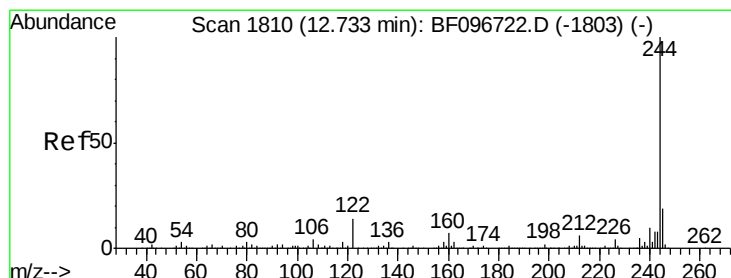
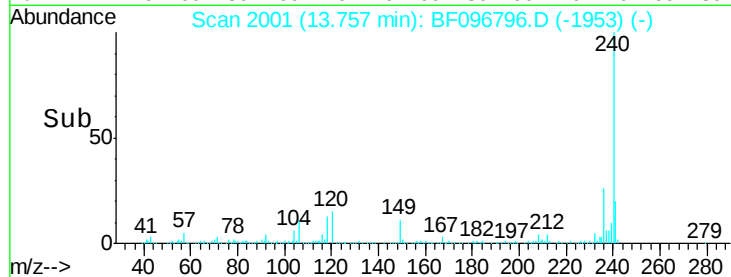
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.75 13.80 13.85



#78

Terphenyl-d14

Concen: 35.73 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

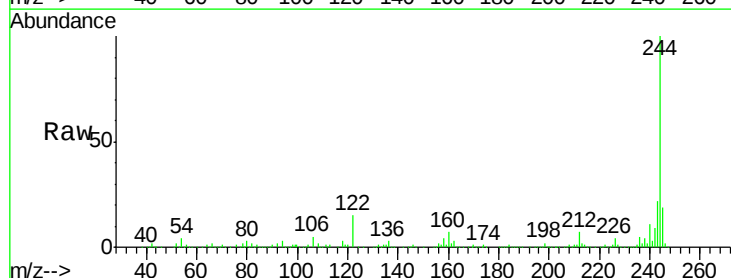
Tgt Ion:244 Resp: 450275

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

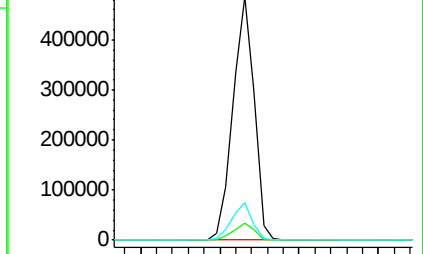
122 15.3 10.3 15.5



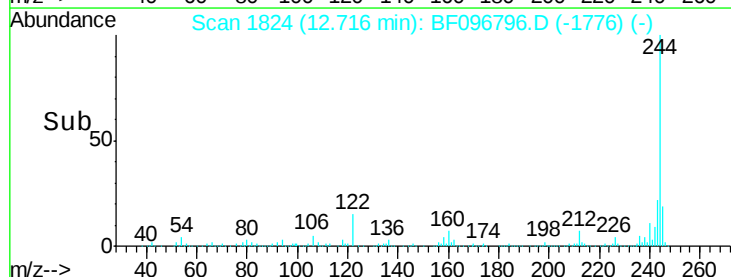
Abundance Ion 244.00 (243.70 to 244.70): E

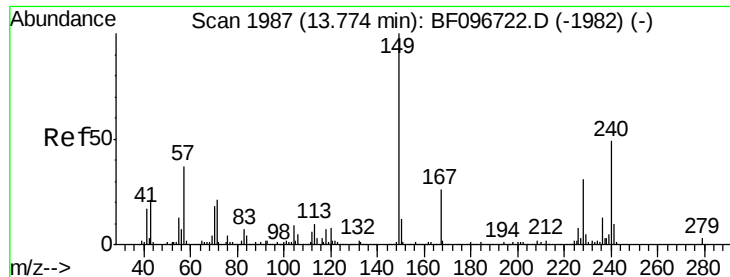
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.65 12.70 12.75 12.80





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.69 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

Instrument :

BNA_F

ClientSampleId :

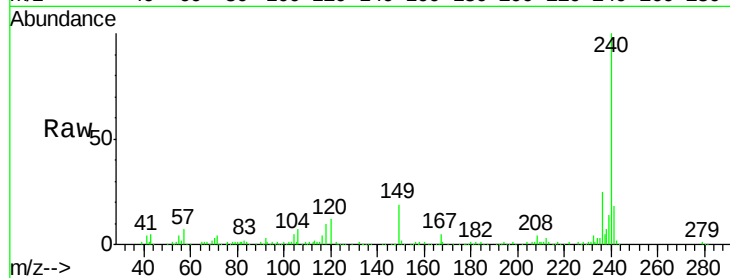
Tot Ion:149 Resp: 30916

Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.4

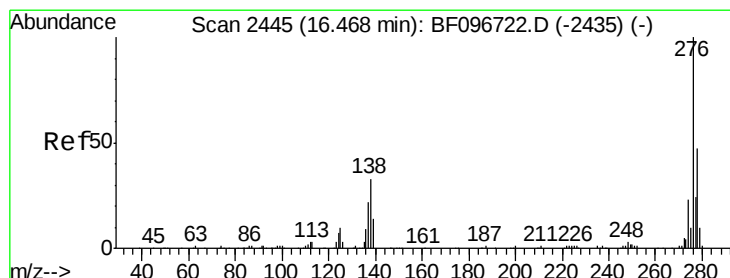
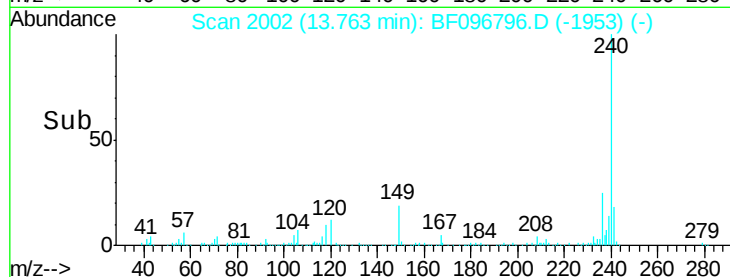
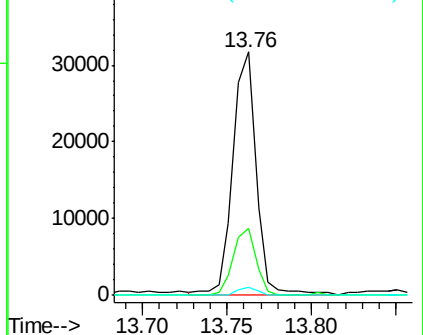
279 3.1 1.9 2.9#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.75 ng

RT: 16.43 min Scan# 2456

Delta R.T. -0.03 min

Lab File: BF096796.D

Acq: 15 Jul 2017 2:43

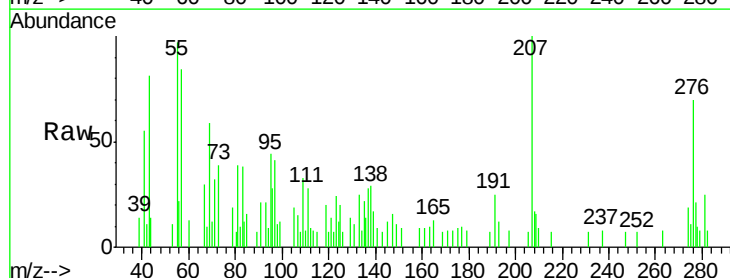
Tgt Ion:276 Resp: 5426

Ion Ratio Lower Upper

276 100

138 46.6 27.8 41.6#

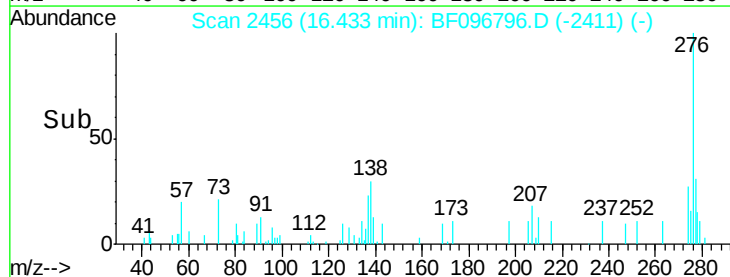
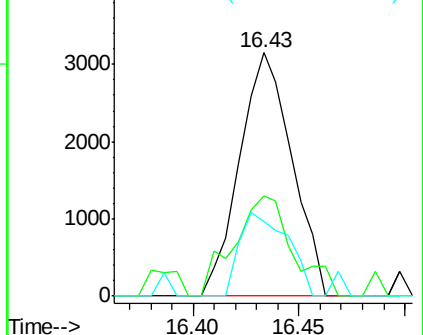
277 31.4 20.2 30.4#

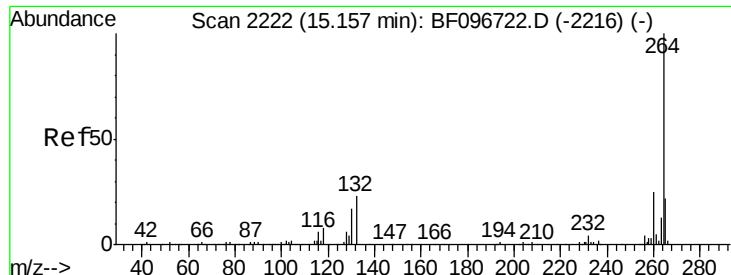


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

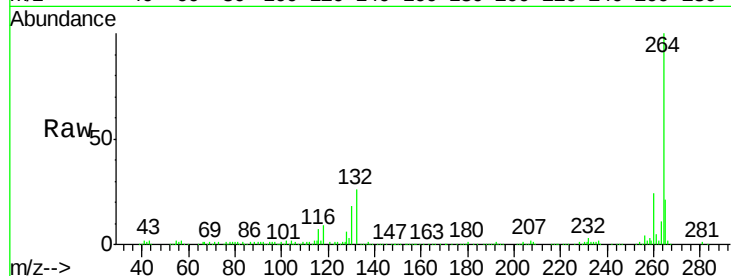




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096796.D
 Acq: 15 Jul 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

