

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096710.D
 Acq On : 12 Jul 2017 23:50
 Operator : SJ/JU
 Sample : I4127-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:08:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

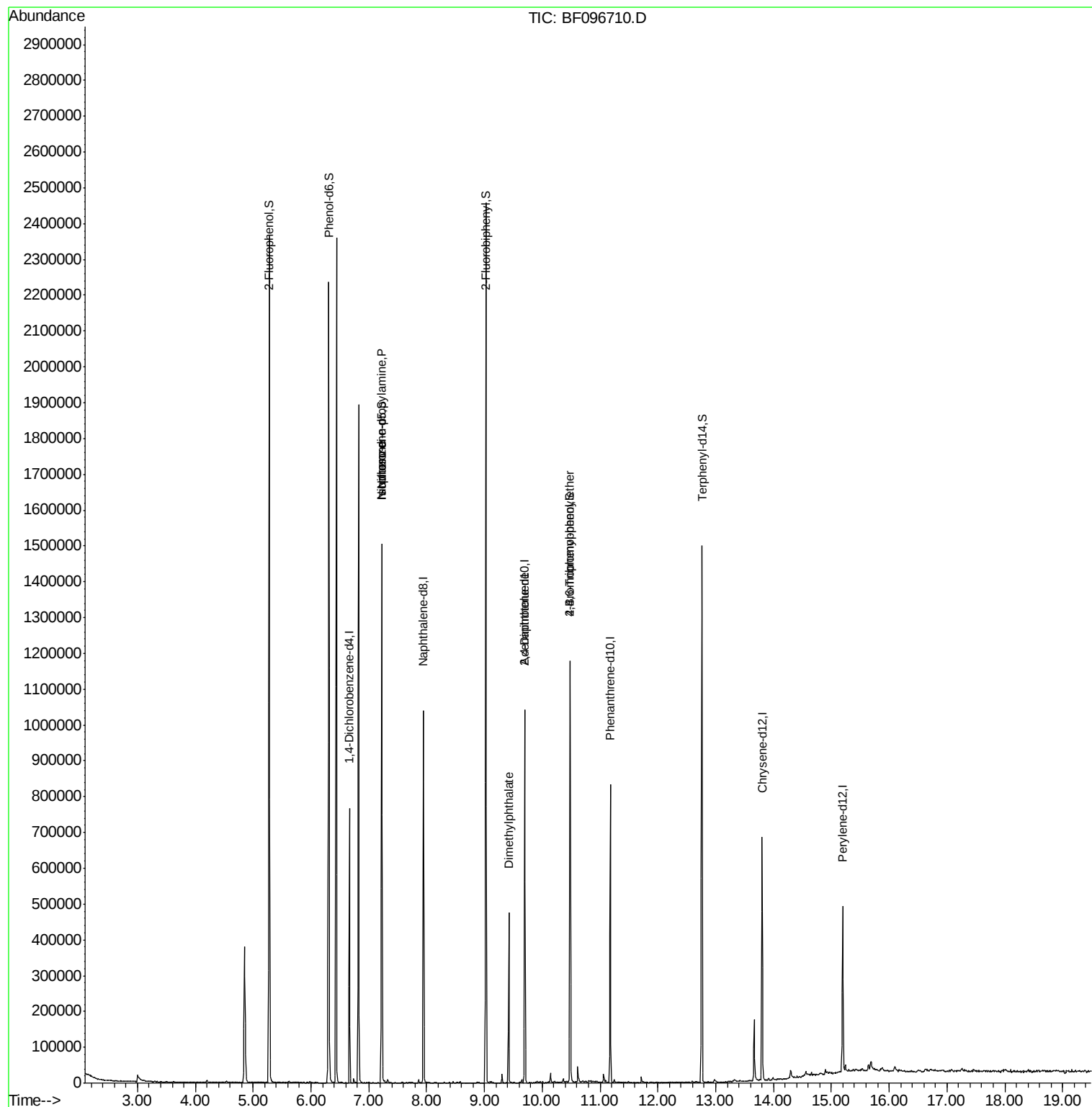
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	113351	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	470023	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	193839	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	287147	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	214114	20.00	ng	-0.04
86) Perylene-d12	15.20	264	191878	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	652004	84.90	ng	-0.03
7) Phenol-d6	6.31	99	792542	83.94	ng	-0.04
23) Nitrobenzene-d5	7.23	82	461302	58.98	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	138466	91.45	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	779292	68.74	ng	-0.04
78) Terphenyl-d14	12.76	244	460301	45.94	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	60690	10.79	ng	# 88
25) Isophorone	7.23	82	457906	30.19	ng	# 67
49) Dimethylphthalate	9.42	163	201760	13.94	ng	98
56) 2,4-Dinitrotoluene	9.70	165	24958	6.16	ng	# 32
66) 4-Bromophenyl-phenylether	10.49	248	8868	3.17	ng	# 1

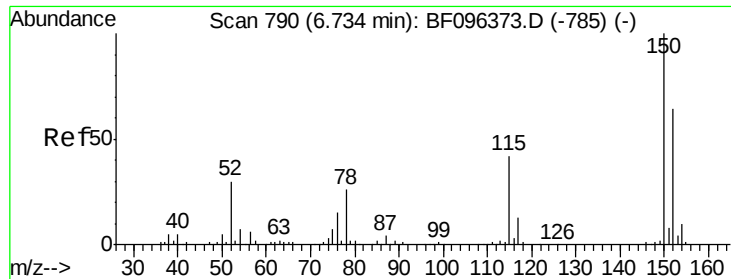
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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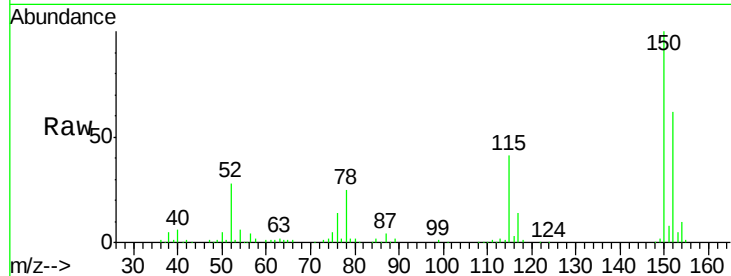


#1

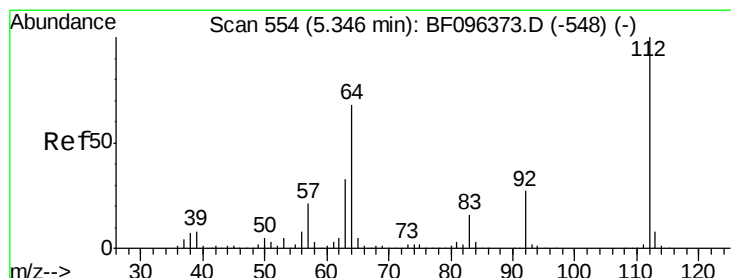
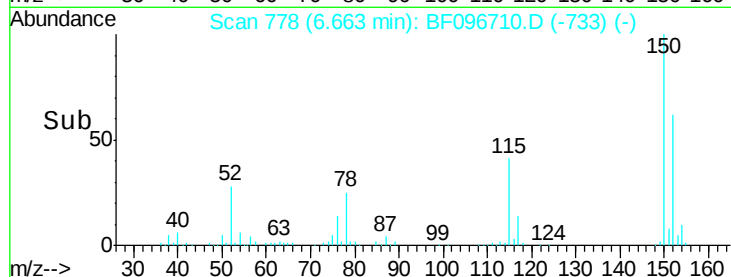
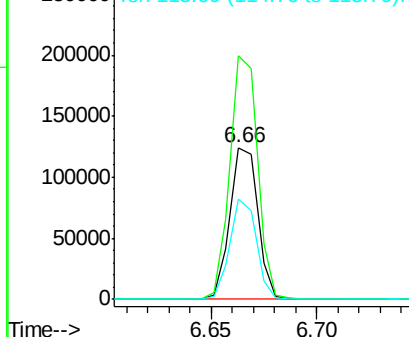
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113351
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 65.9 52.2 78.2



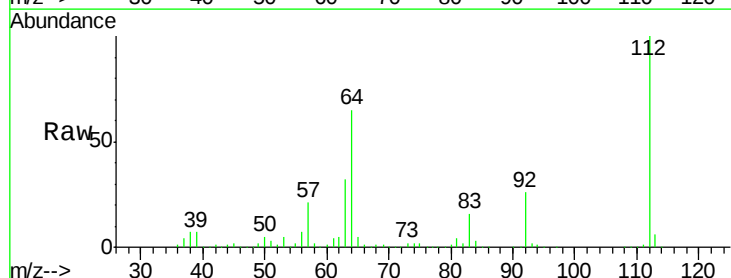
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



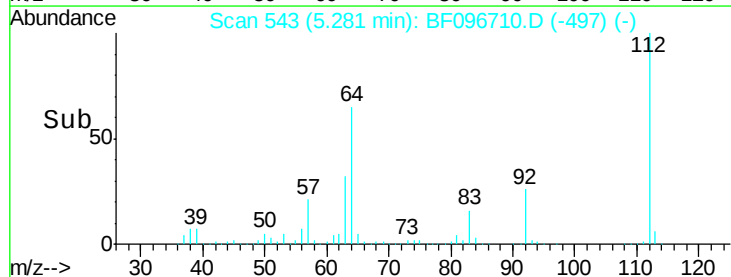
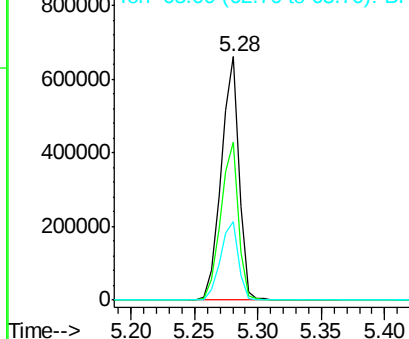
#5

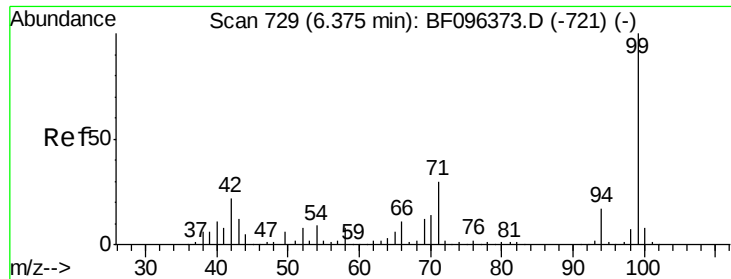
2-Fluorophenol
Concen: 84.90 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Tgt Ion:112 Resp: 652004
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 32.1 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: 83.94 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

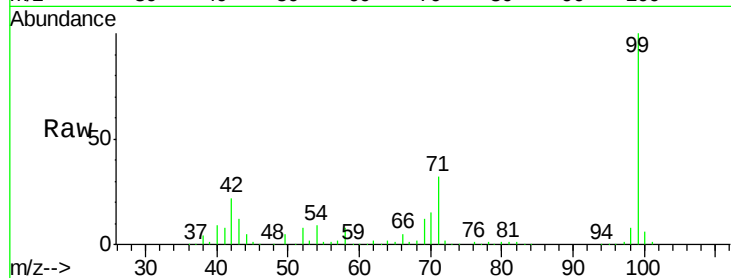
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 792542

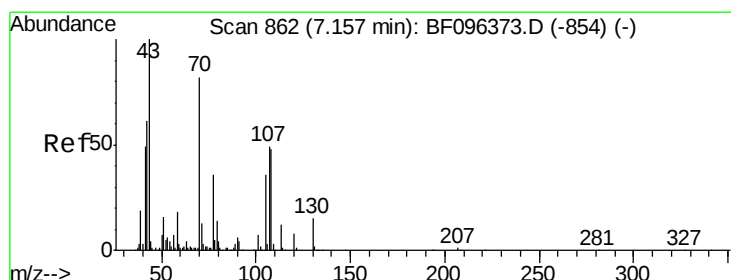
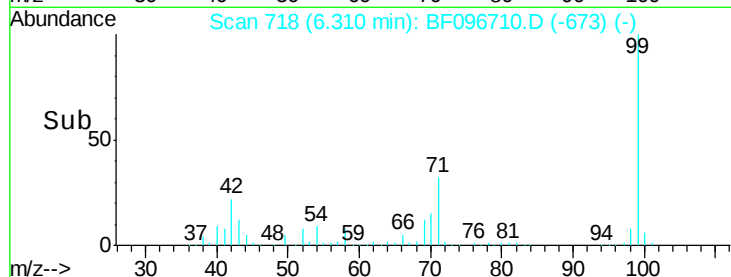
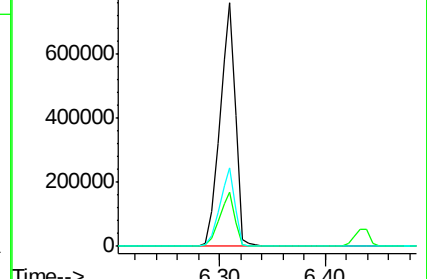
Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	32.1	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.79 ng

RT: 7.23 min Scan# 874

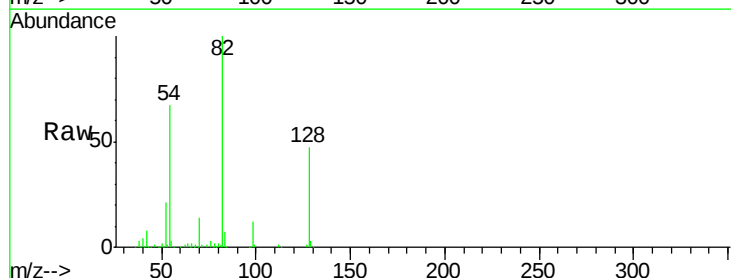
Delta R.T. 0.10 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

Tgt Ion: 70 Resp: 60690

Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

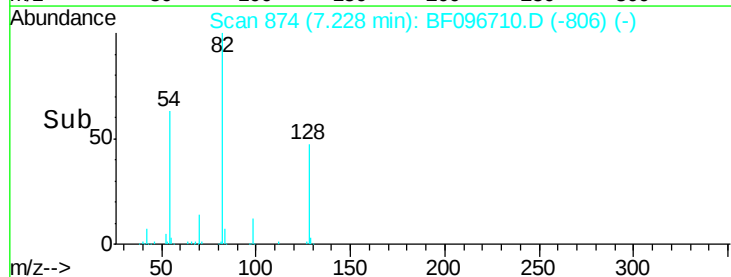
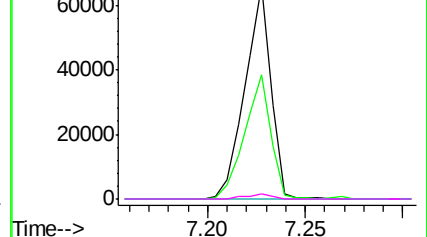


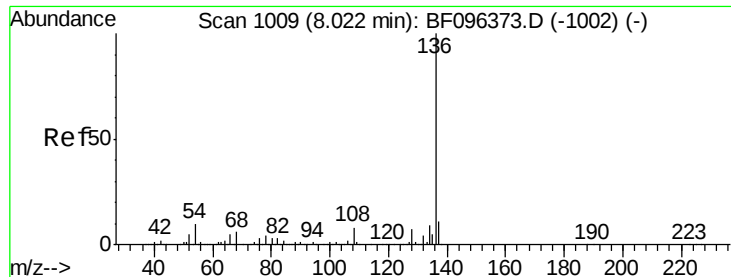
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

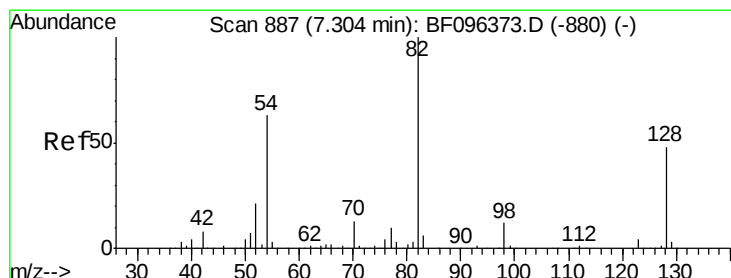
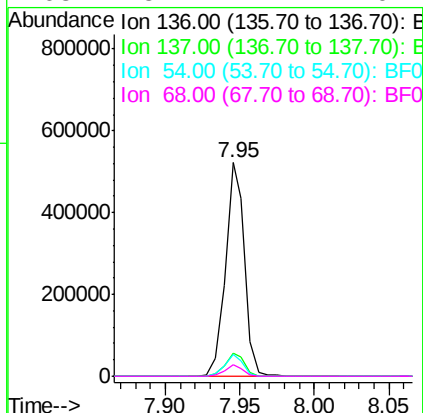
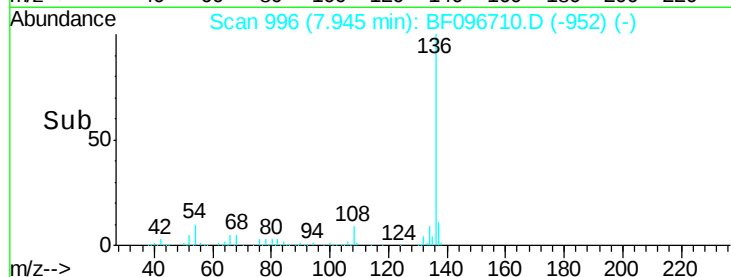
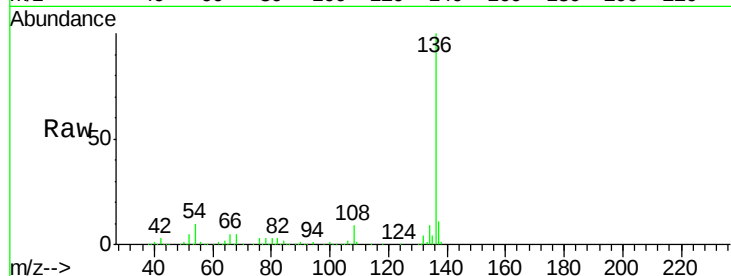




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

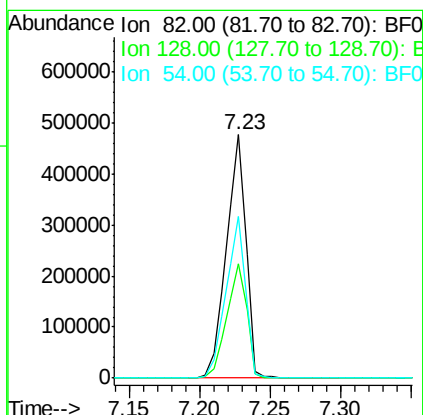
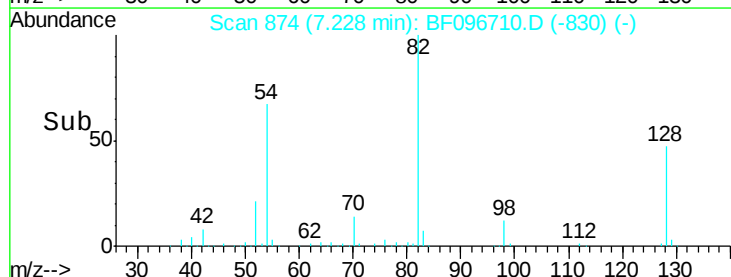
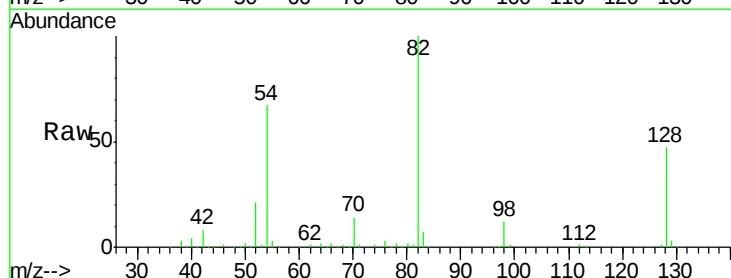
Instrument :
BNA_F
ClientSampleId :

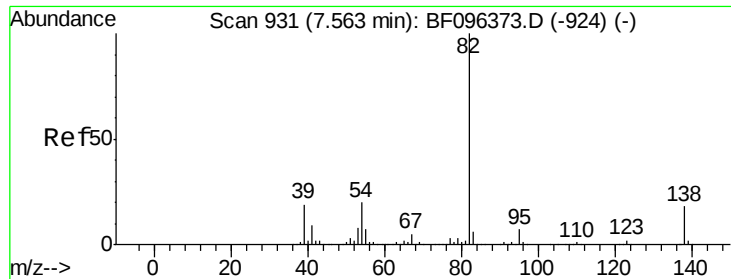
Tot Ion:136	Resp:	470023
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	10.2	4.9 7.3#
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 58.98 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Tgt Ion: 82	Resp:	461302
Ion	Ratio	Lower Upper
82	100	
128	47.0	34.0 51.0
54	66.7	42.2 63.2#





#25

Isophorone

Concen: 30.19 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.30 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

Instrument :

BNA_F

ClientSampled :

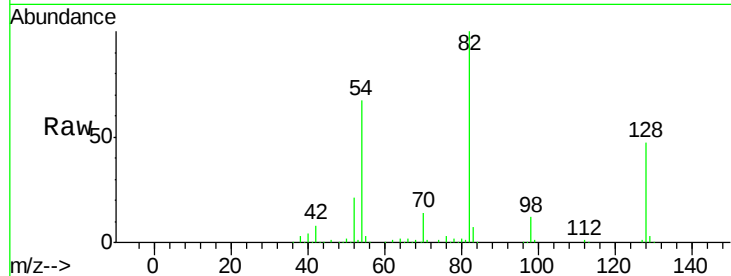
Tot Ion: 82 Resp: 457906

Ion Ratio Lower Upper

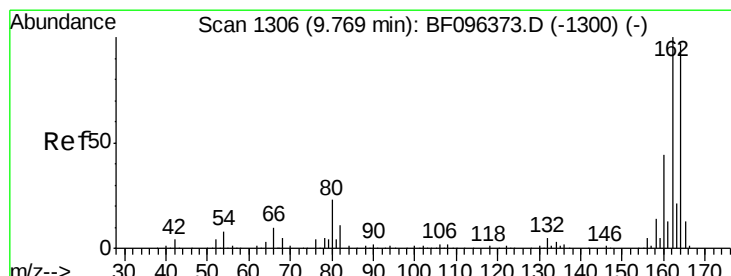
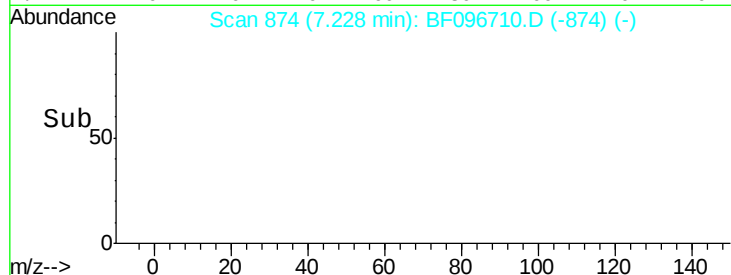
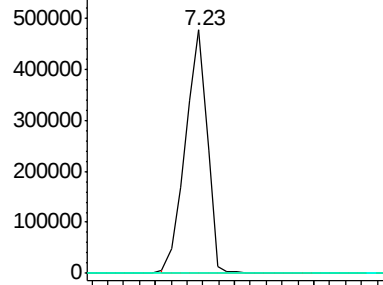
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

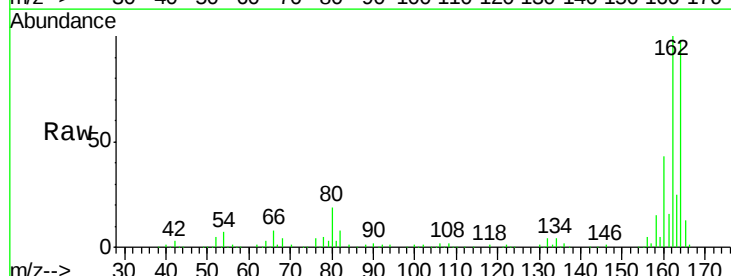
Tgt Ion: 164 Resp: 193839

Ion Ratio Lower Upper

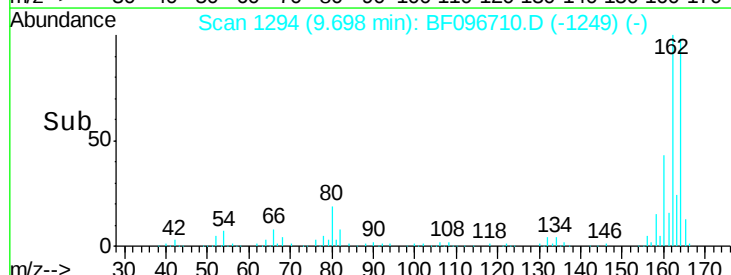
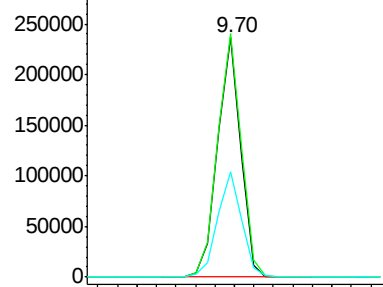
164 100

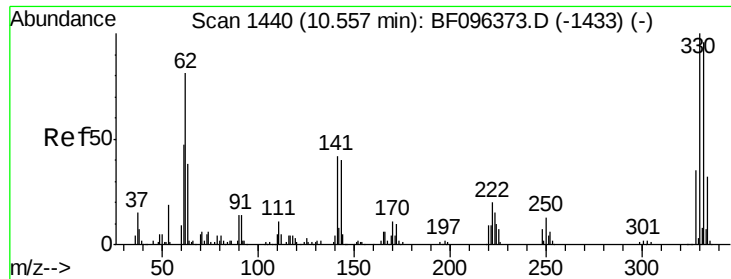
162 101.6 82.6 123.8

160 44.0 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

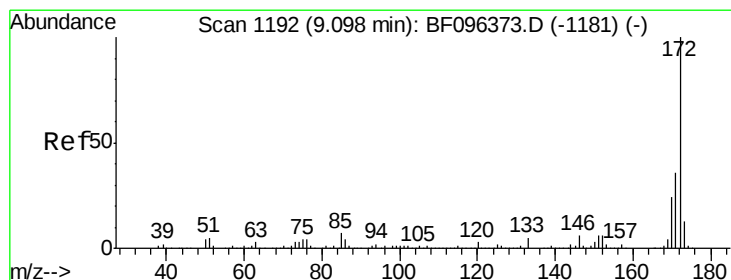
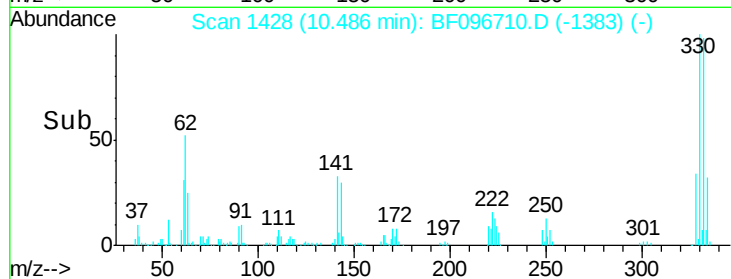
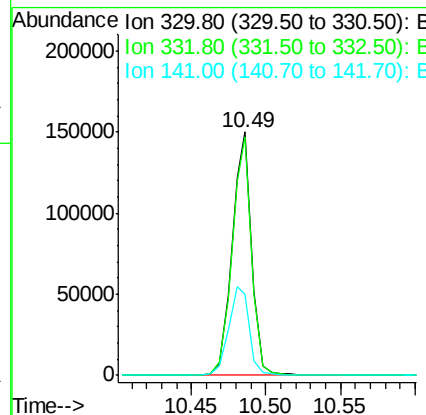
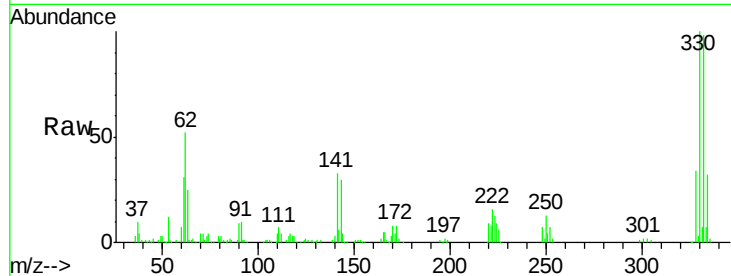




#41
 2,4,6-Tribromophenol
 Concen: 91.45 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096710.D
 Acq: 12 Jul 2017 23:50

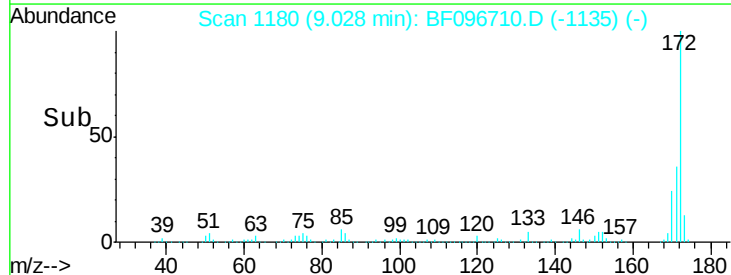
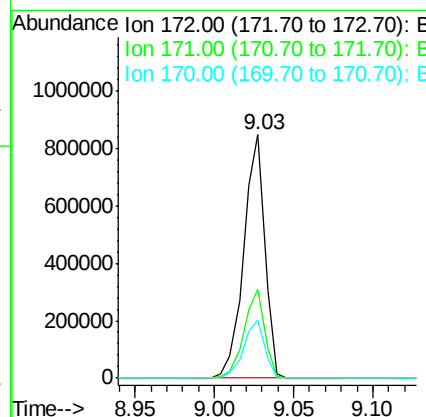
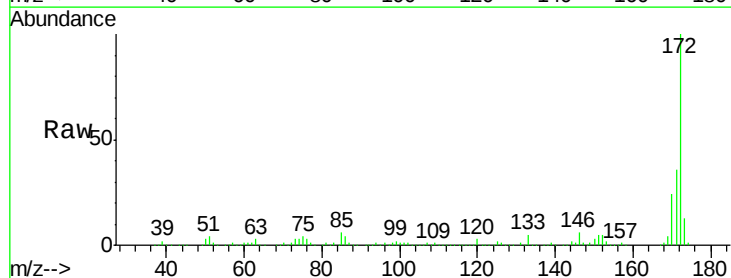
Instrument :
 BNA_F
 ClientSampleId :

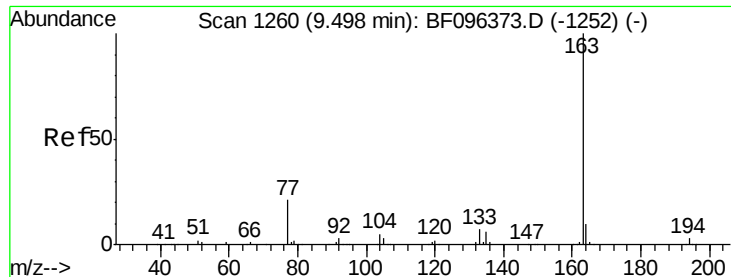
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.74 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096710.D
 Acq: 12 Jul 2017 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8

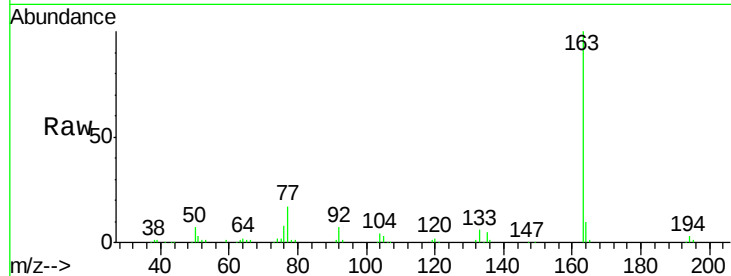




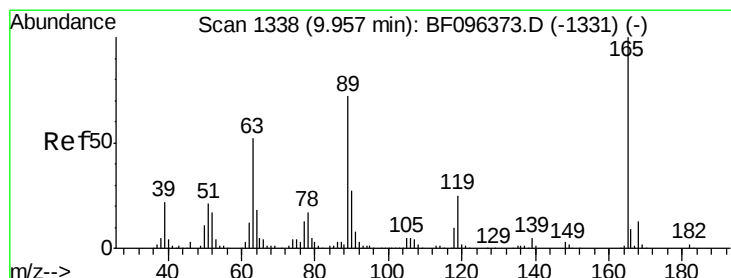
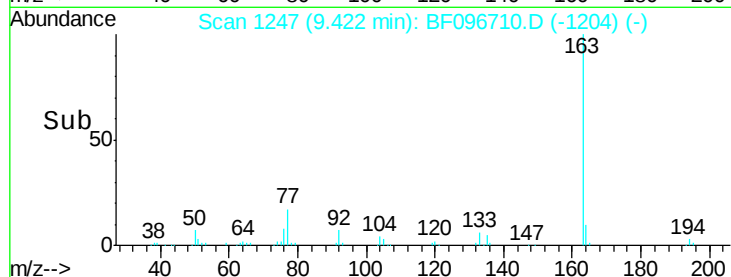
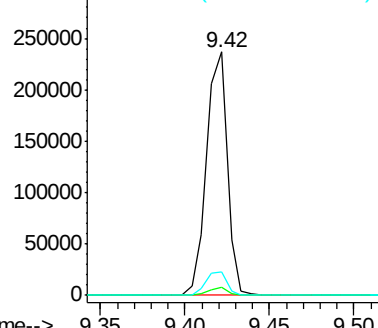
#49
Dimethylphthalate
Concen: 13.94 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 201760
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 8.4 12.6

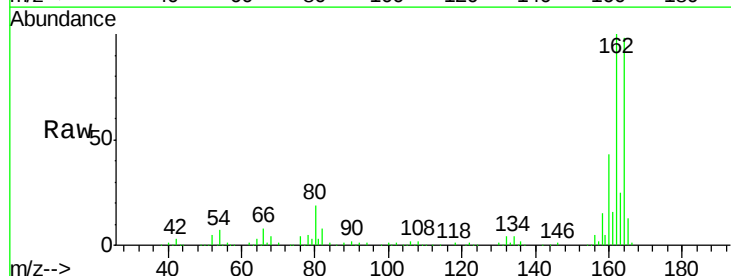


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

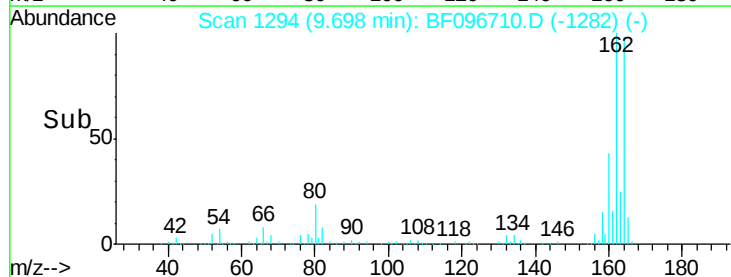
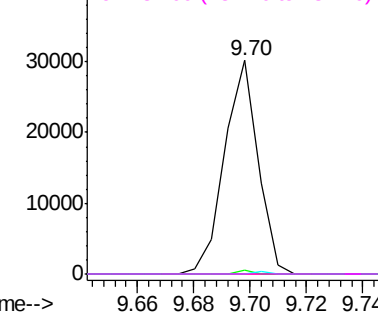


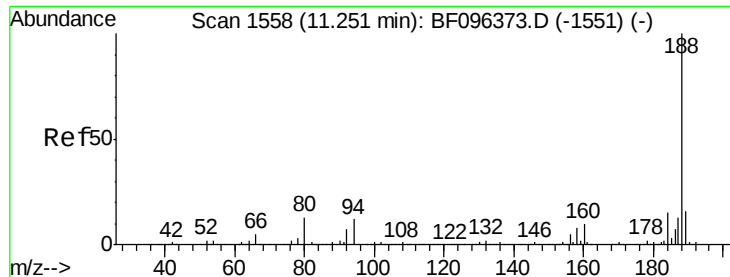
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Tgt Ion:165 Resp: 24958
Ion Ratio Lower Upper
165 100
63 1.8 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

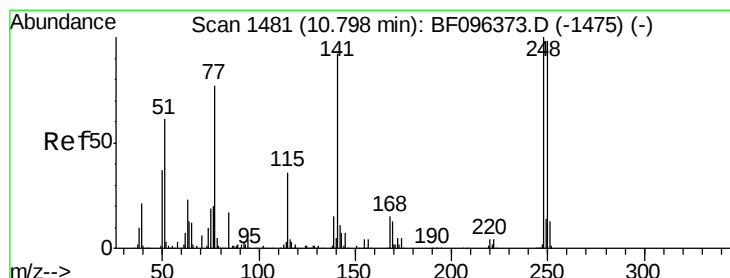
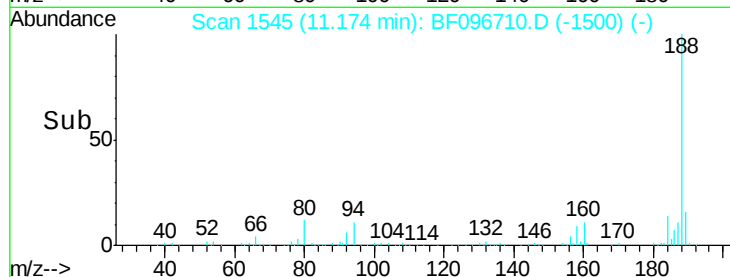
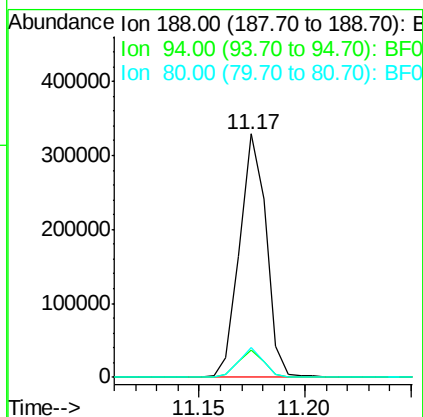
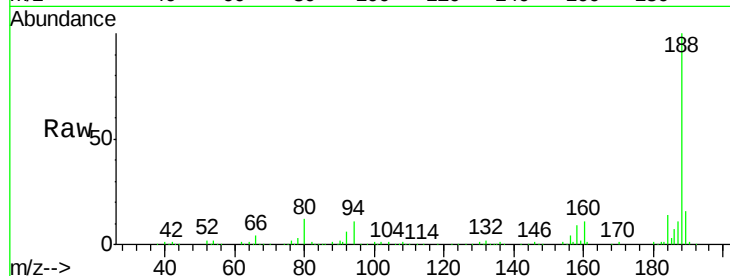




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

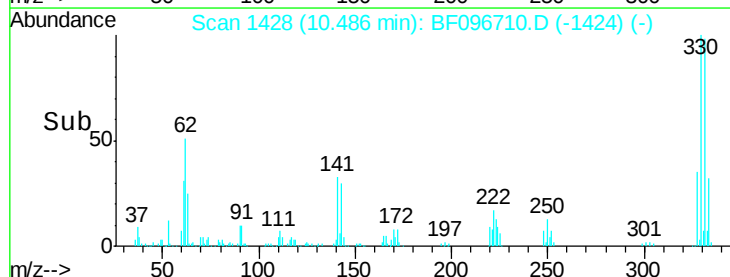
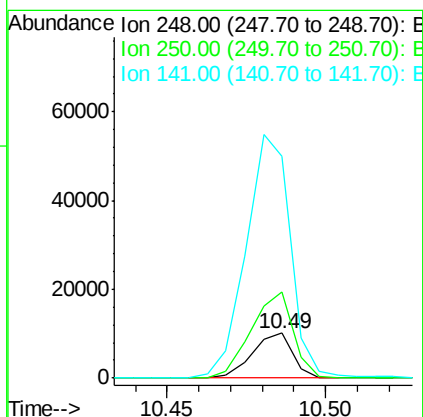
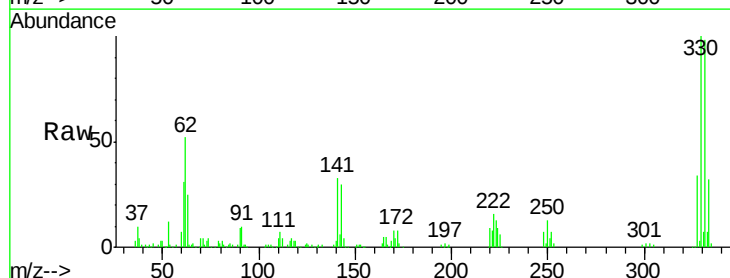
Instrument :
BNA_F
ClientSampleId :

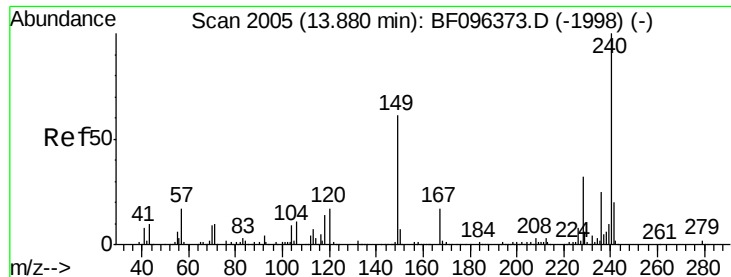
Tot Ion:188 Resp: 287147
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.0 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Tgt Ion:248 Resp: 8868
Ion Ratio Lower Upper
248 100
250 194.0 76.8 115.2#
141 496.7 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

Instrument :

BNA_F

ClientSampleId :

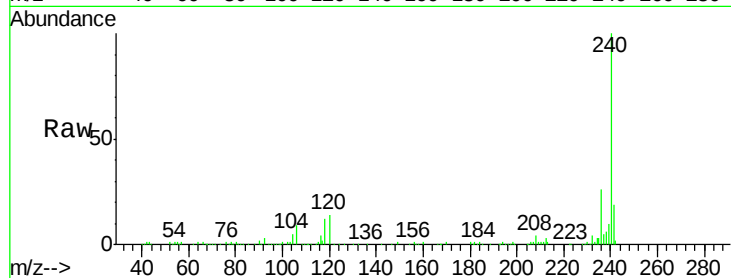
Tot Ion:240 Resp: 214114

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

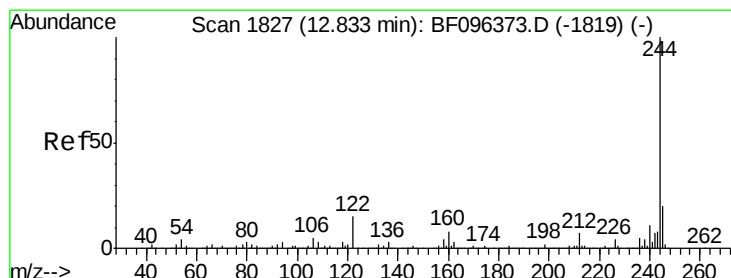
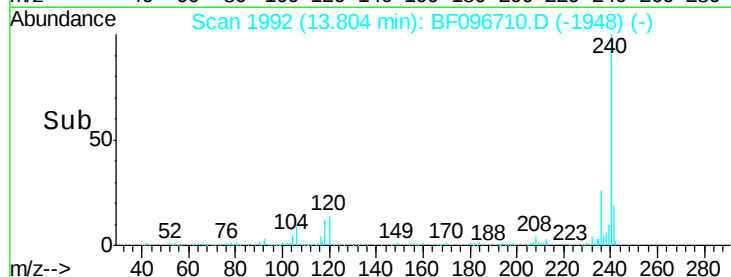
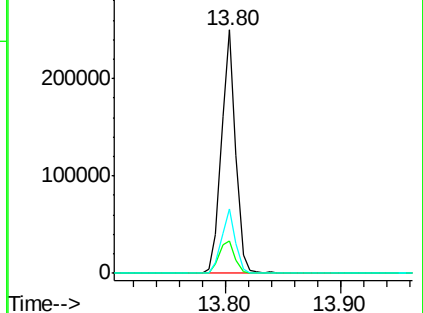
236 26.3 20.5 30.7



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: 45.94 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096710.D

Acq: 12 Jul 2017 23:50

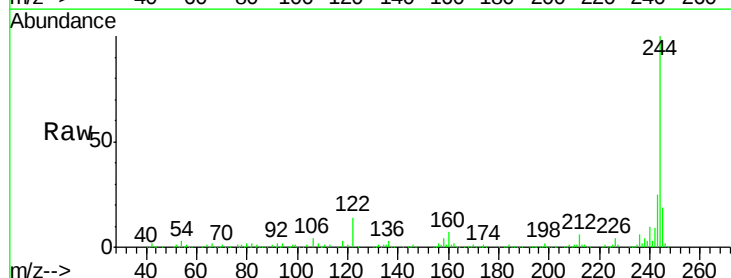
Tgt Ion:244 Resp: 460301

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

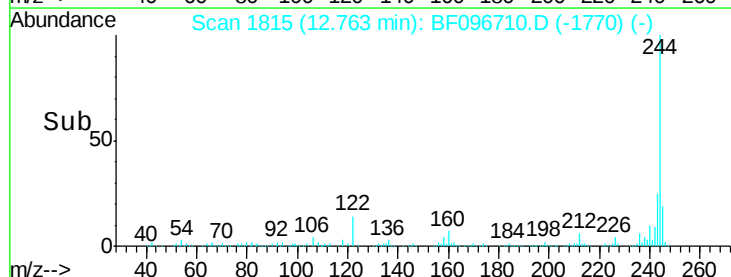
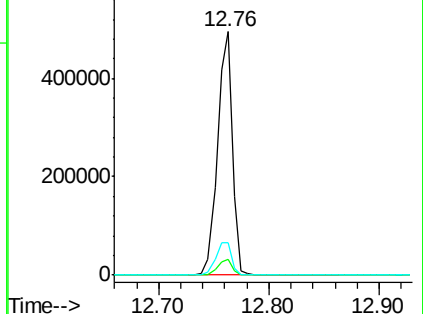
122 13.6 10.3 15.5

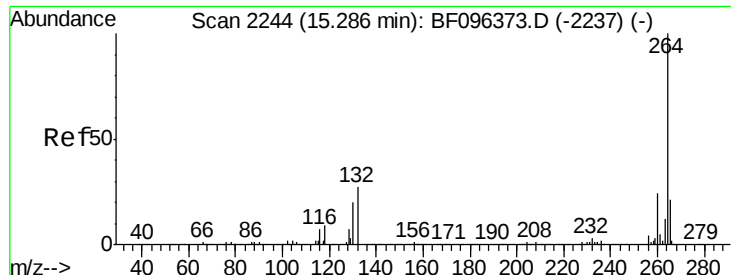


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096710.D
Acq: 12 Jul 2017 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.2	25.8

