

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096695.D
 Acq On : 12 Jul 2017 16:51
 Operator : SJ/JU
 Sample : I4126-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:03:30 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

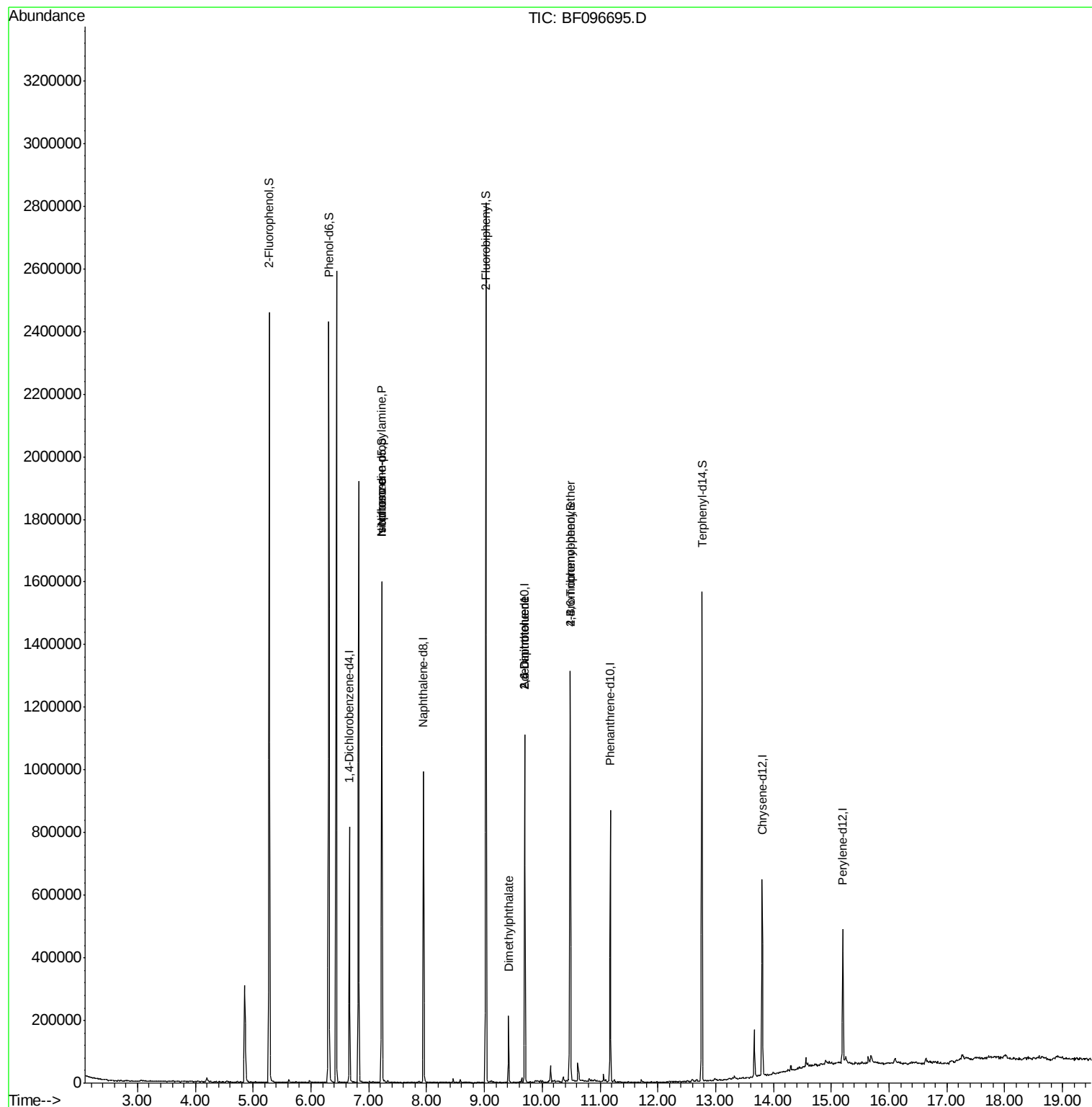
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	125556	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	491205	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	203165	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	300341	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	200982	20.00	ng	-0.04
86) Perylene-d12	15.20	264	175841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	690874	81.22	ng	-0.03
7) Phenol-d6	6.31	99	879389	84.09	ng	-0.04
23) Nitrobenzene-d5	7.23	82	505517	61.84	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	145008	91.37	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	885819	74.55	ng	-0.04
78) Terphenyl-d14	12.76	244	460379	48.95	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	67023	10.76	ng	# 88
25) Isophorone	7.23	82	489091	30.86	ng	# 67
49) Dimethylphthalate	9.42	163	85724	5.65	ng	98
50) 2,6-Dinitrotoluene	9.70	165	25687	7.66	ng	# 33
56) 2,4-Dinitrotoluene	9.70	165	25687	6.05	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	9110	3.12	ng	# 1

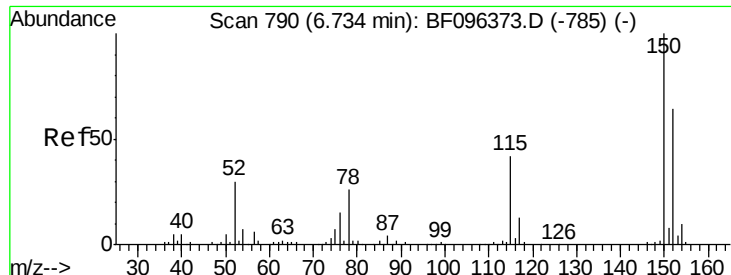
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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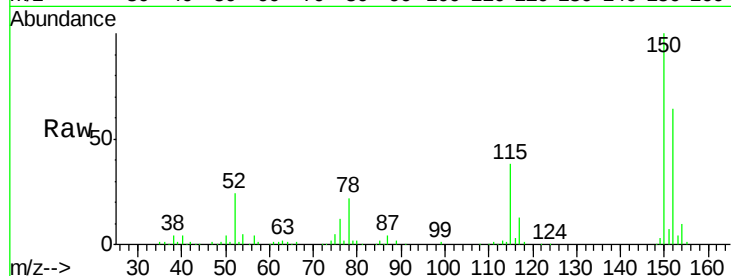


#1

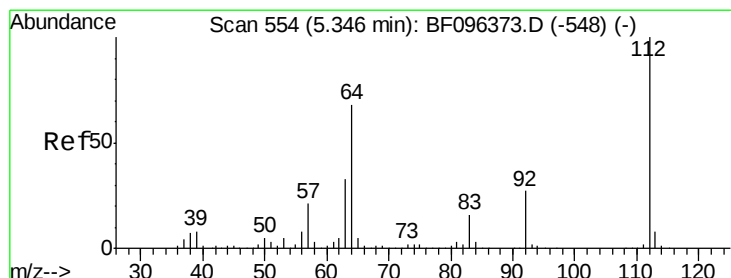
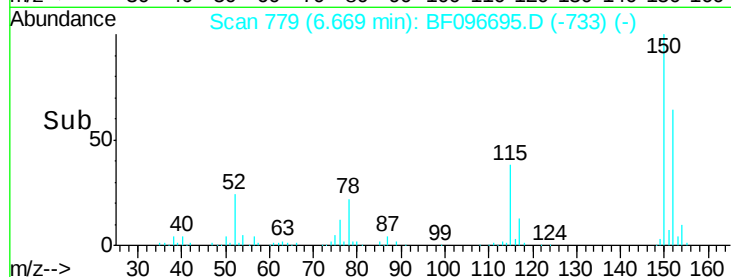
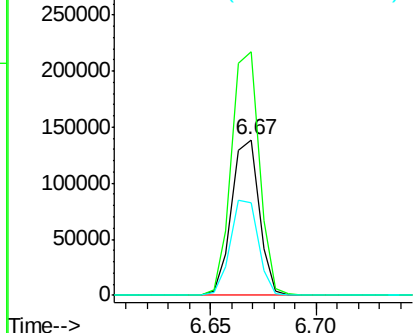
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096695.D
Acq: 12 Jul 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125556
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.6 52.2 78.2



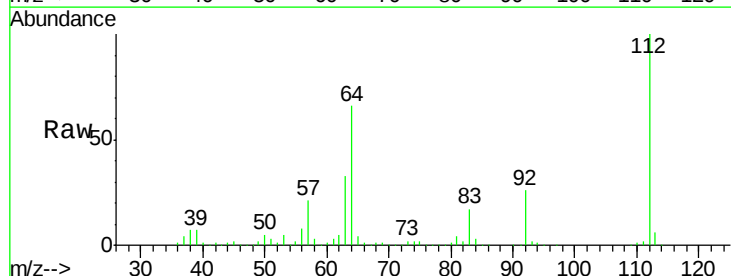
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



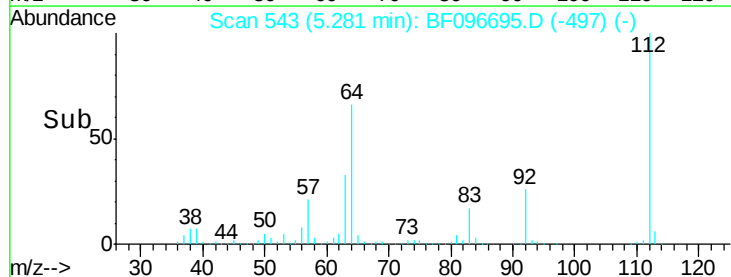
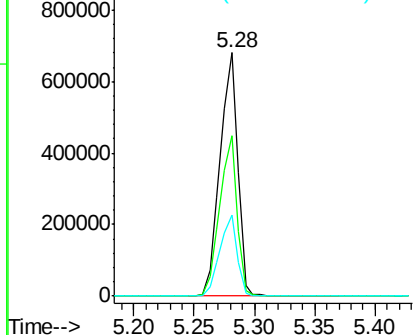
#5

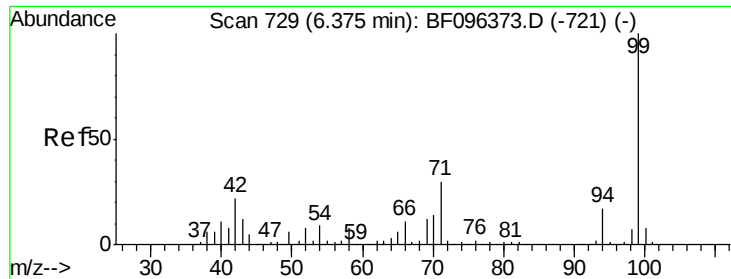
2-Fluorophenol
Concen: 81.22 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096695.D
Acq: 12 Jul 2017 16:51

Tgt Ion:112 Resp: 690874
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 33.1 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: 84.09 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Instrument :

BNA_F

ClientSampled :

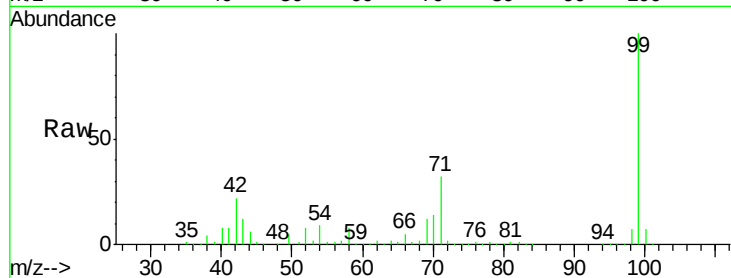
Tot Ion: 99 Resp: 879389

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

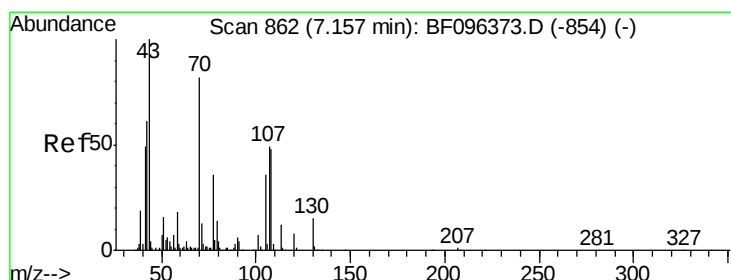
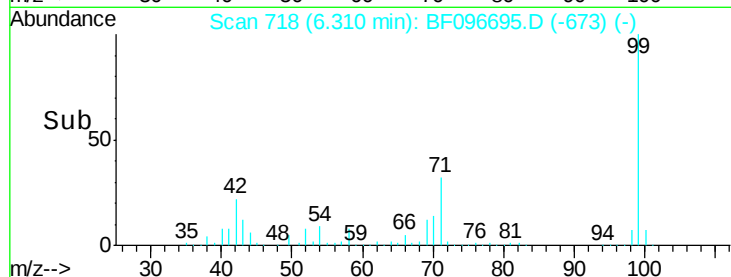
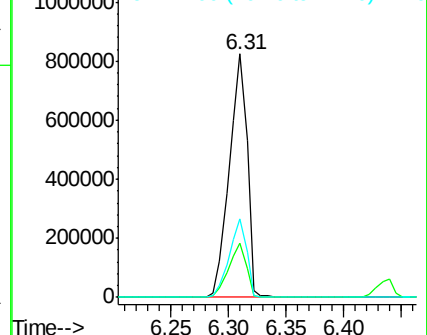
71 32.4 24.5 36.7



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: 10.76 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.10 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Tgt Ion: 70 Resp: 67023

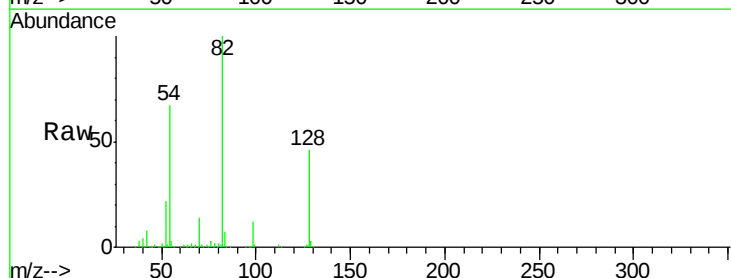
Ion Ratio Lower Upper

70 100

42 60.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

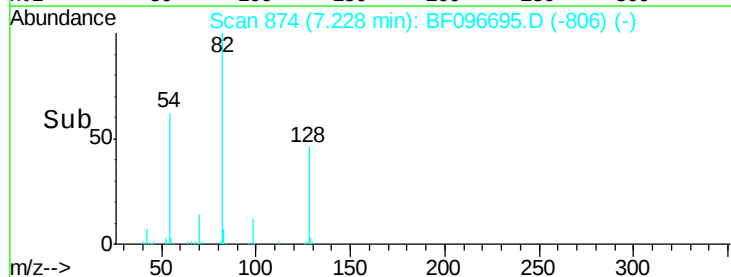
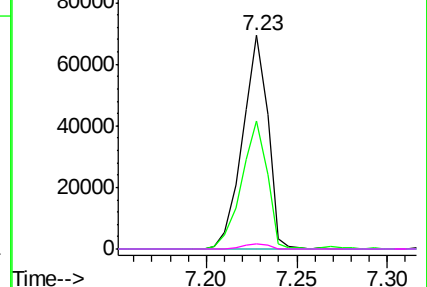


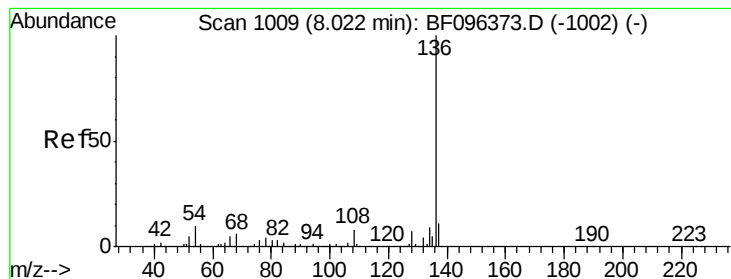
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 997

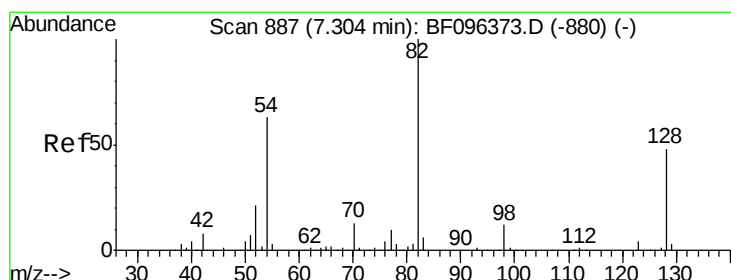
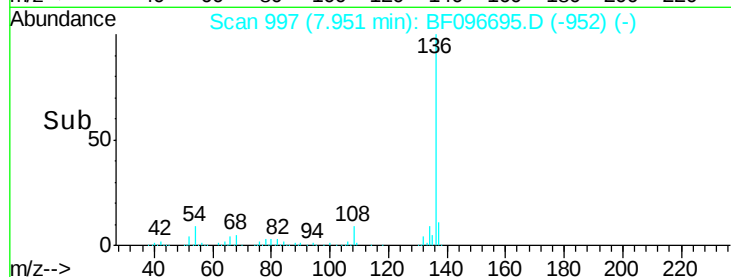
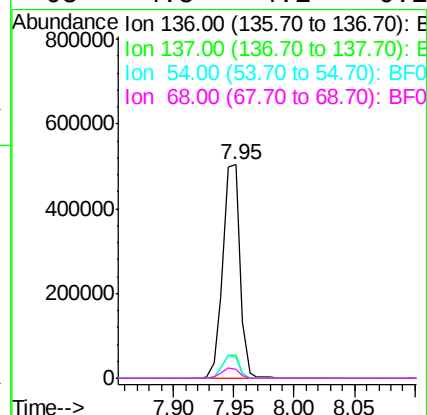
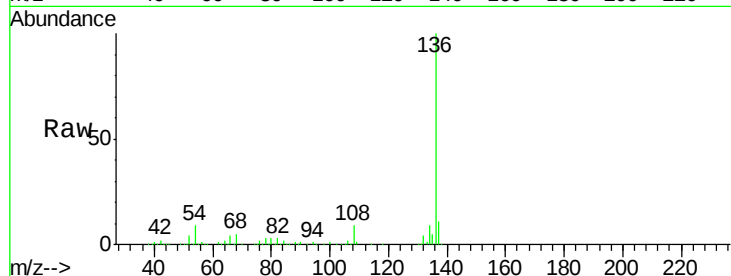
Delta R.T. -0.04 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	491205
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	9.4	4.9 7.3#
68	4.5	4.1 6.1



#23

Nitrobenzene-d5

Concen: 61.84 ng

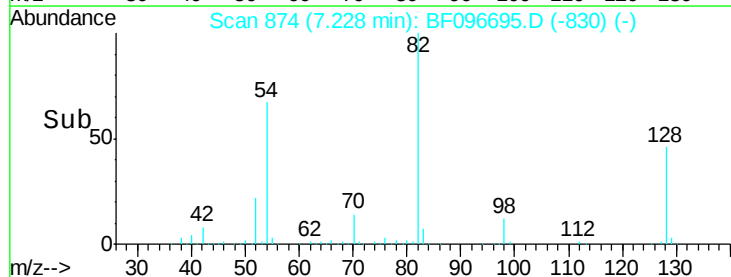
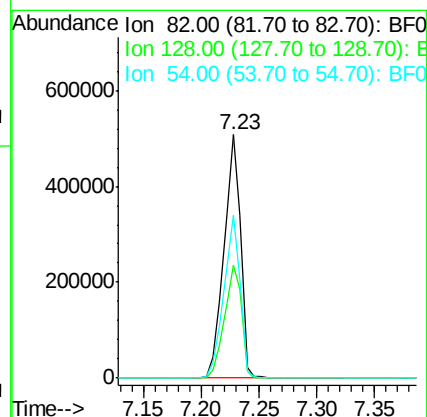
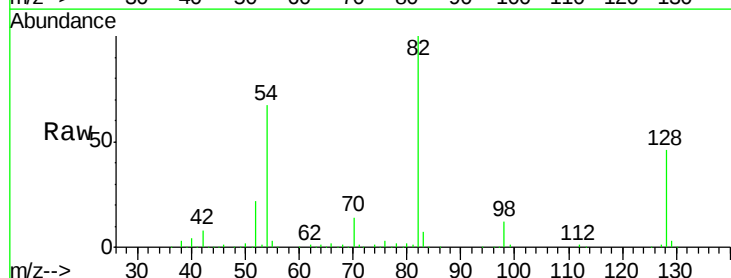
RT: 7.23 min Scan# 874

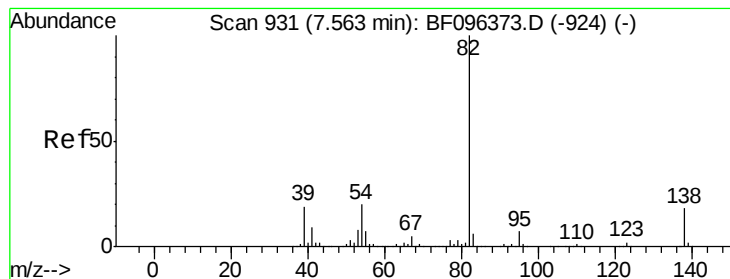
Delta R.T. -0.04 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Tgt Ion: 82	Resp:	505517
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.0 51.0
54	66.8	42.2 63.2#





#25

Isophorone

Concen: 30.86 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.30 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Instrument :

BNA_F

ClientSampleId :

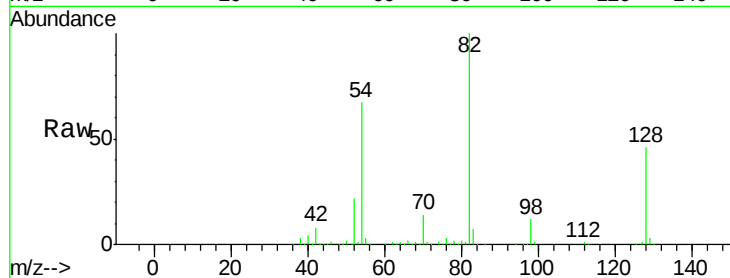
Tot Ion: 82 Resp: 489091

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

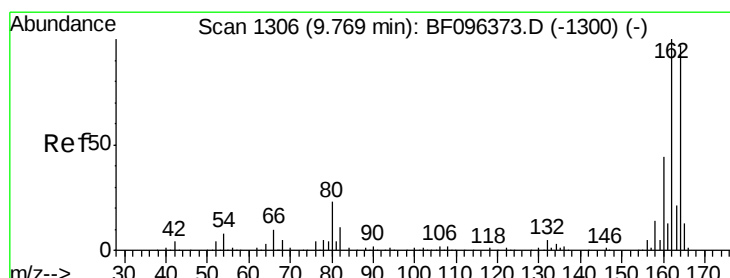
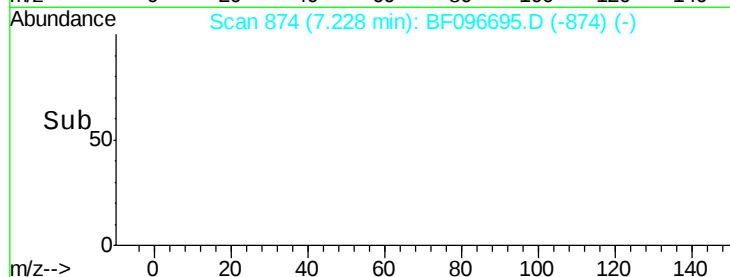
7.23

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

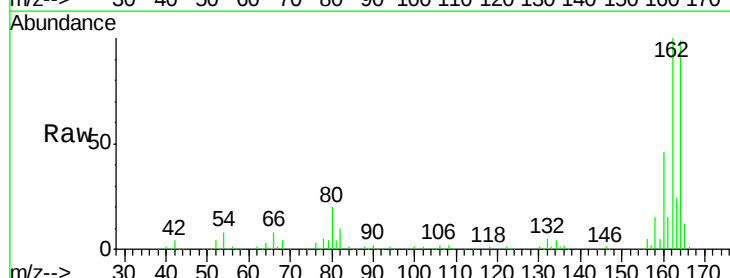
Tgt Ion: 164 Resp: 203165

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

160 45.9 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

9.70

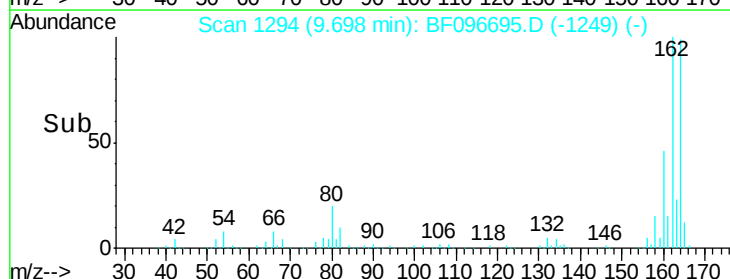
300000

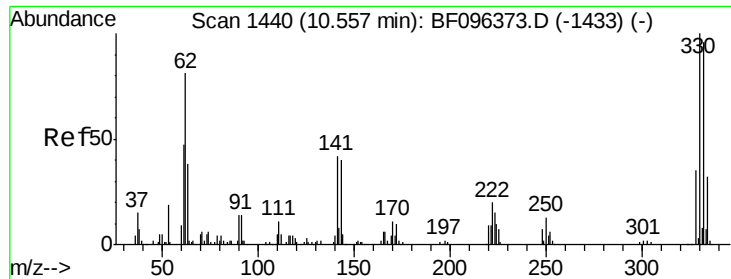
200000

100000

0

Time-->

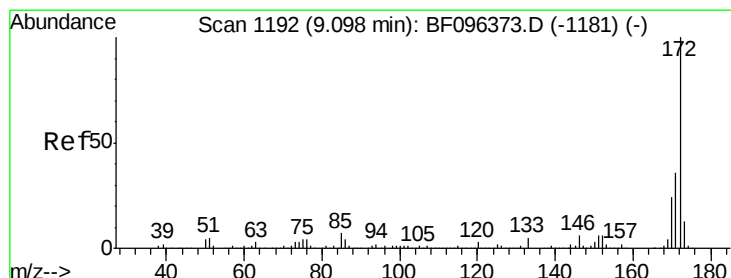
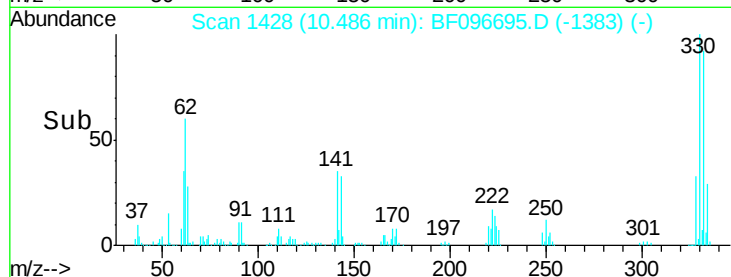
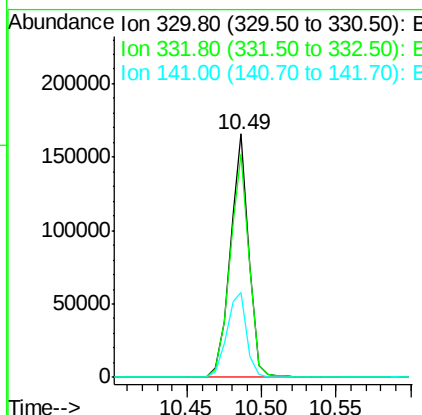
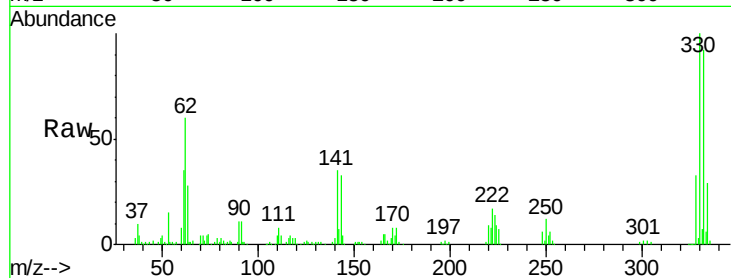




#41
 2,4,6-Tribromophenol
 Concen: 91.37 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

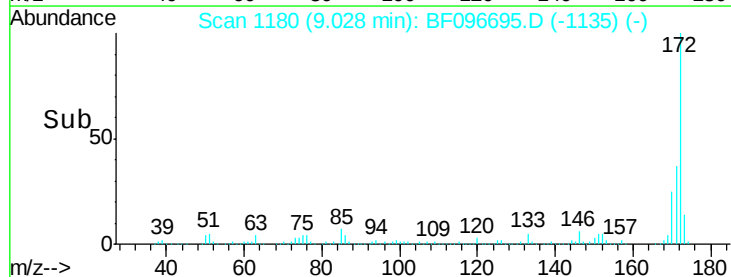
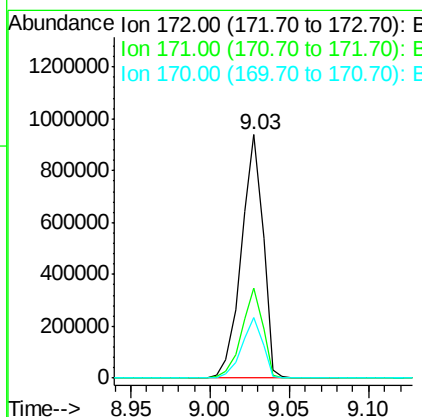
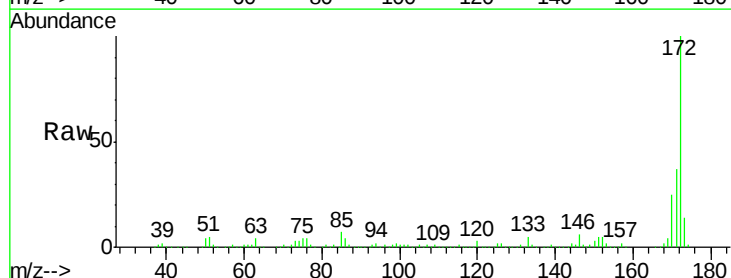
Instrument :
 BNA_F
 ClientSampleId :

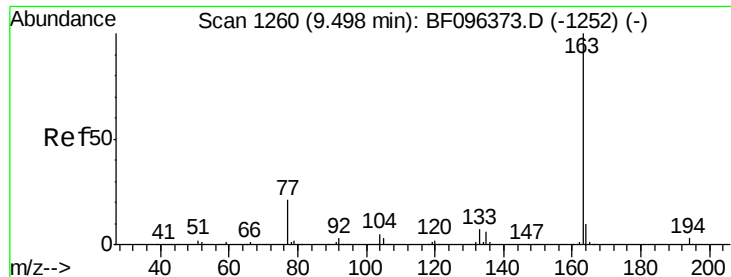
Tot Ion:330 Resp: 145008
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 74.55 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

Tgt Ion:172 Resp: 885819
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.7 19.8 29.8

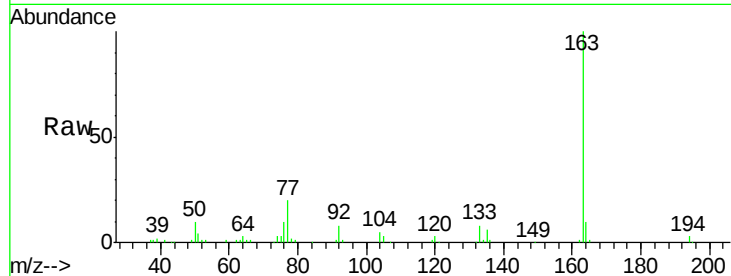




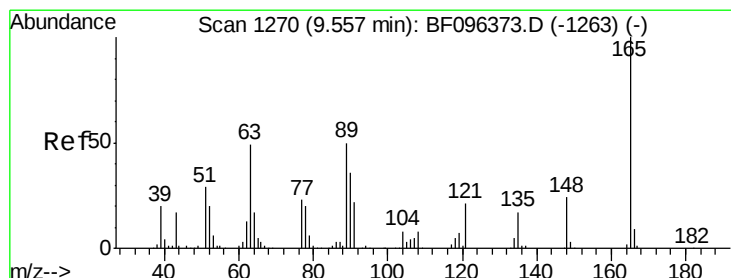
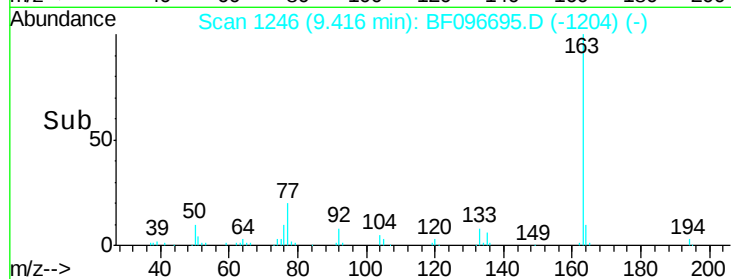
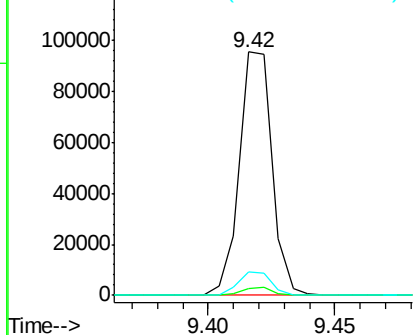
#49
 Dimethylphthalate
 Concen: 5.65 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 85724
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 9.7 8.4 12.6

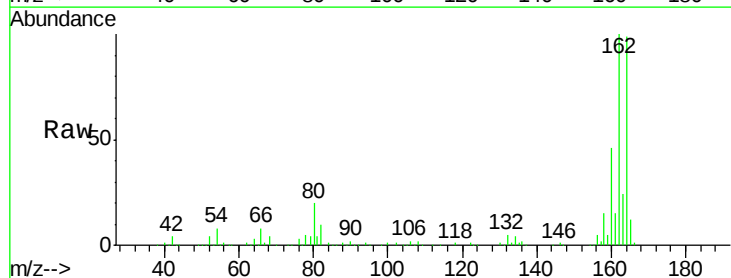


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

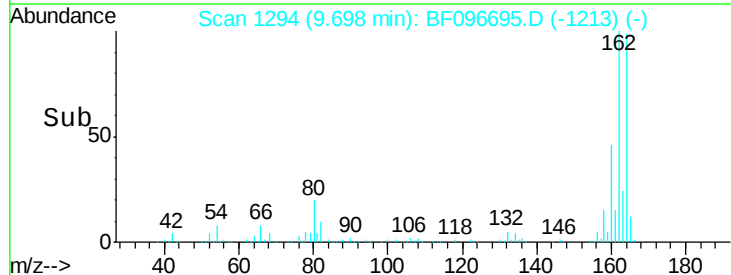
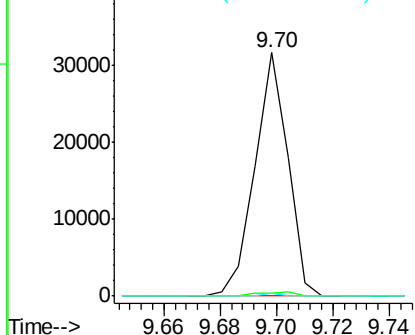


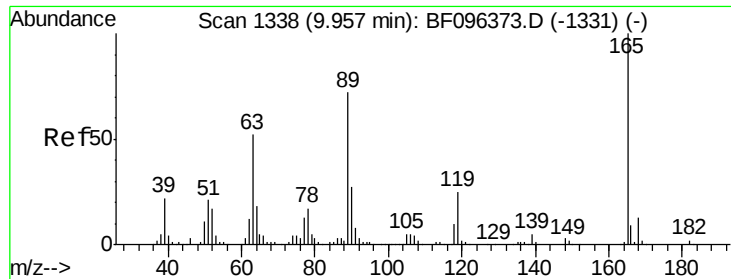
#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.18 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

Tgt Ion:165 Resp: 25687
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.3 51.5#
 89 1.2 37.1 55.7#



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

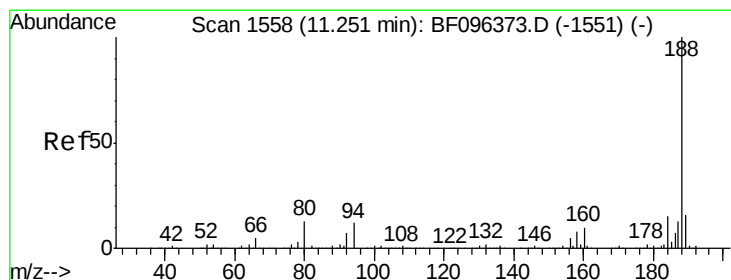
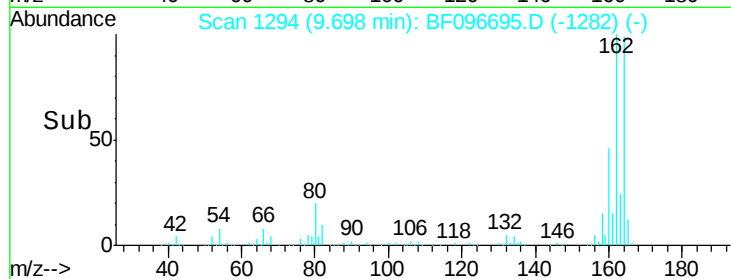
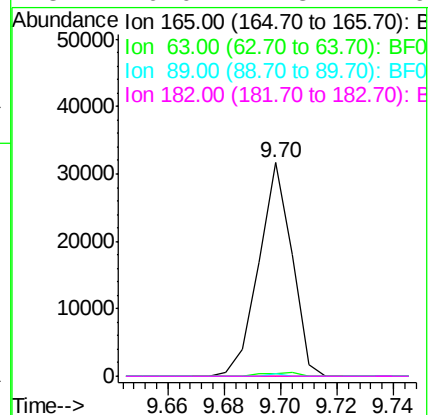
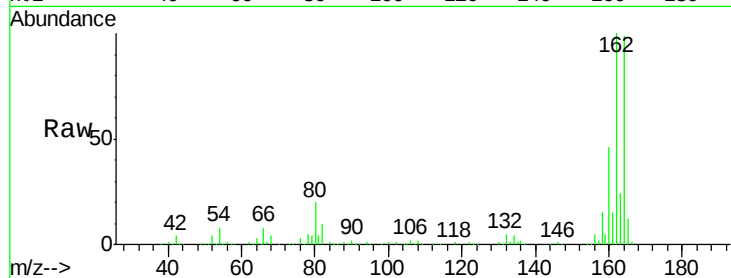




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

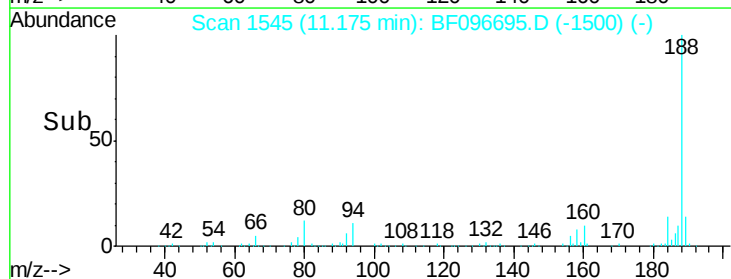
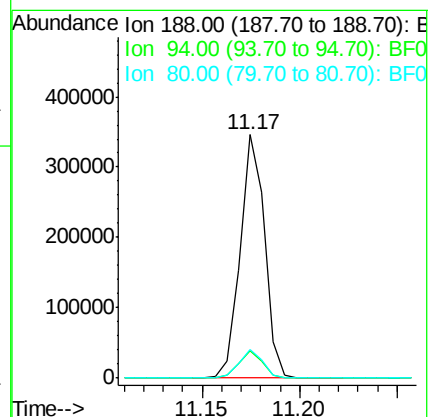
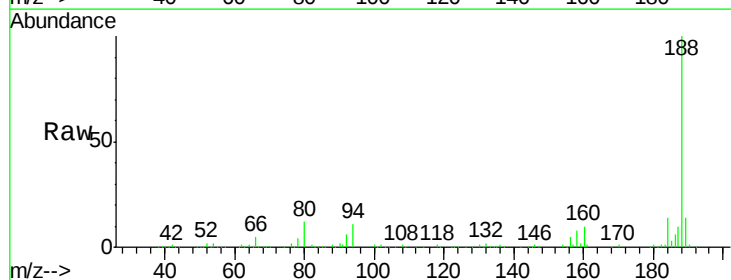
Instrument :
 BNA_F
 ClientSampled :

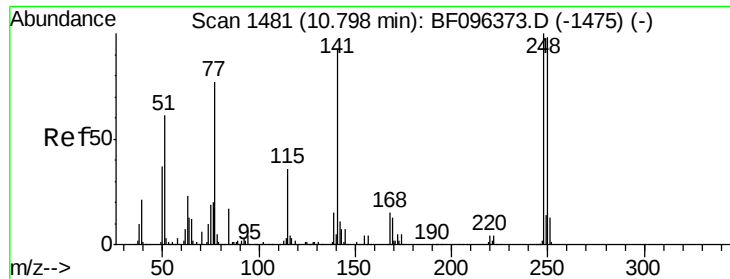
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096695.D
 Acq: 12 Jul 2017 16:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.8	10.2	15.2

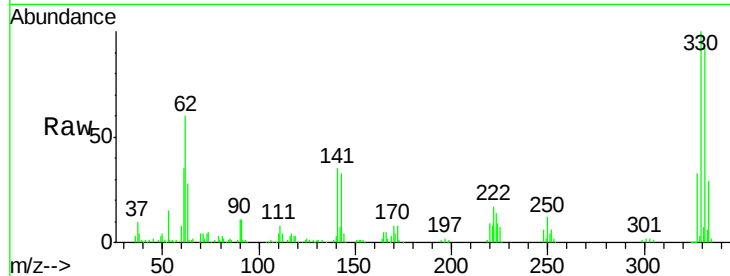




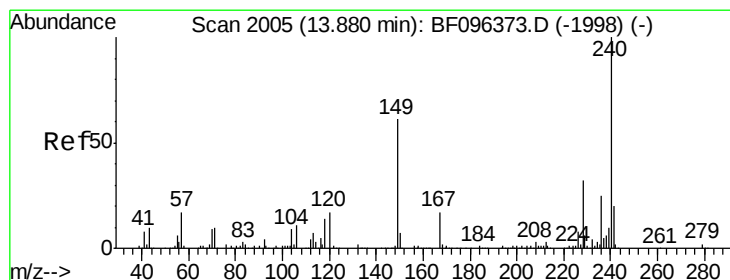
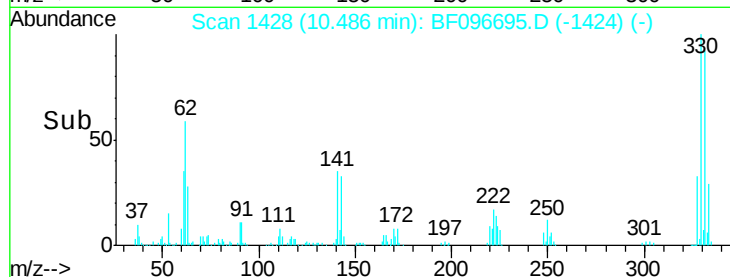
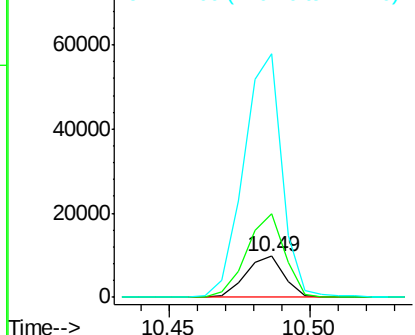
#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096695.D
Acq: 12 Jul 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9110
Ion Ratio Lower Upper
248 100
250 205.8 76.8 115.2#
141 594.7 68.6 103.0#

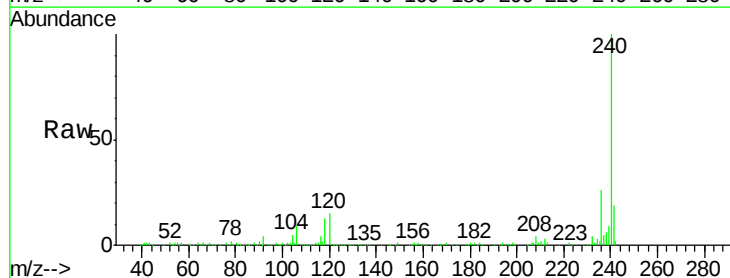


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

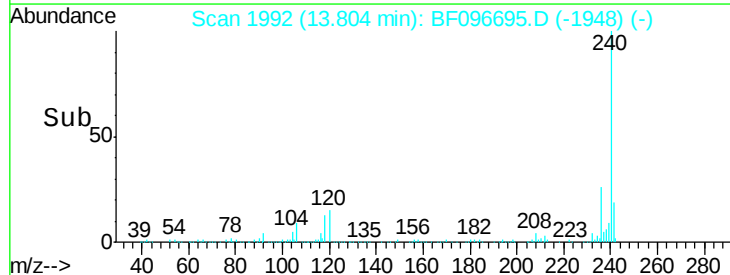
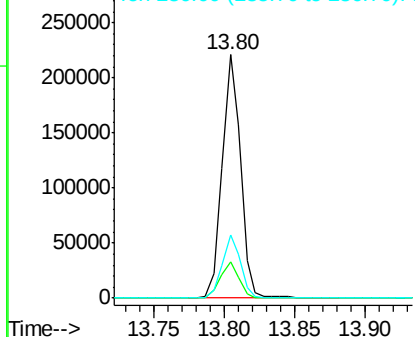


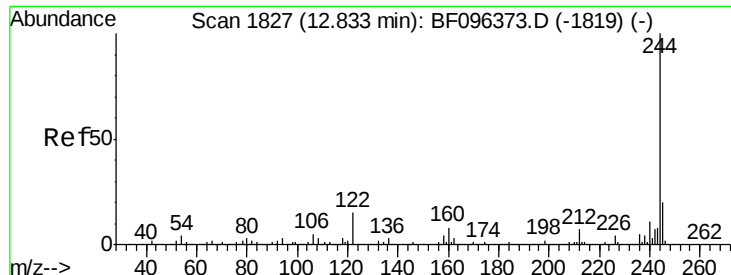
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096695.D
Acq: 12 Jul 2017 16:51

Tgt Ion:240 Resp: 200982
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 26.1 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: 48.95 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

Instrument :

BNA_F

ClientSampleId :

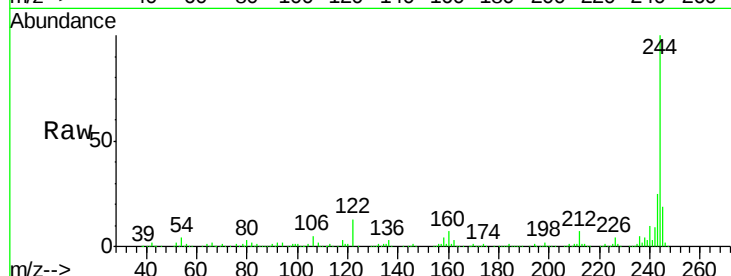
Tot Ion:244 Resp: 460379

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

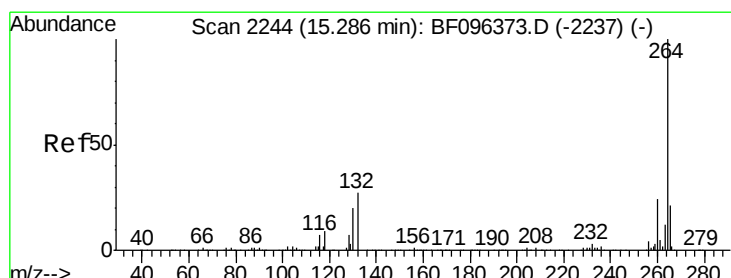
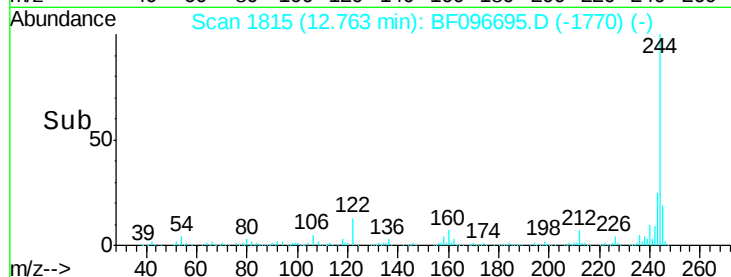
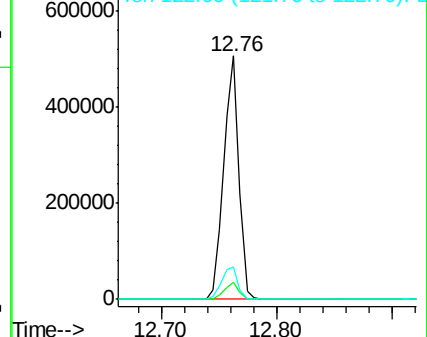
122 13.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096695.D

Acq: 12 Jul 2017 16:51

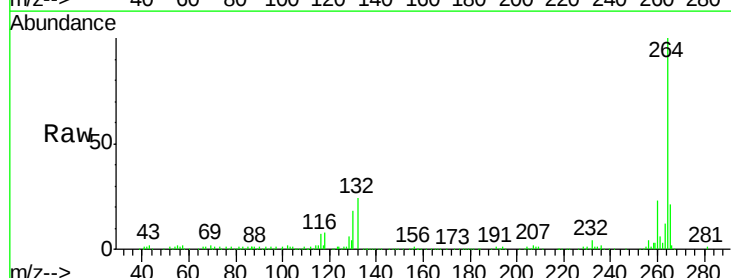
Tgt Ion:264 Resp: 175841

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.7 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

