

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096693.D
 Acq On : 12 Jul 2017 15:55
 Operator : SJ/JU
 Sample : I4126-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 17:15:07 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

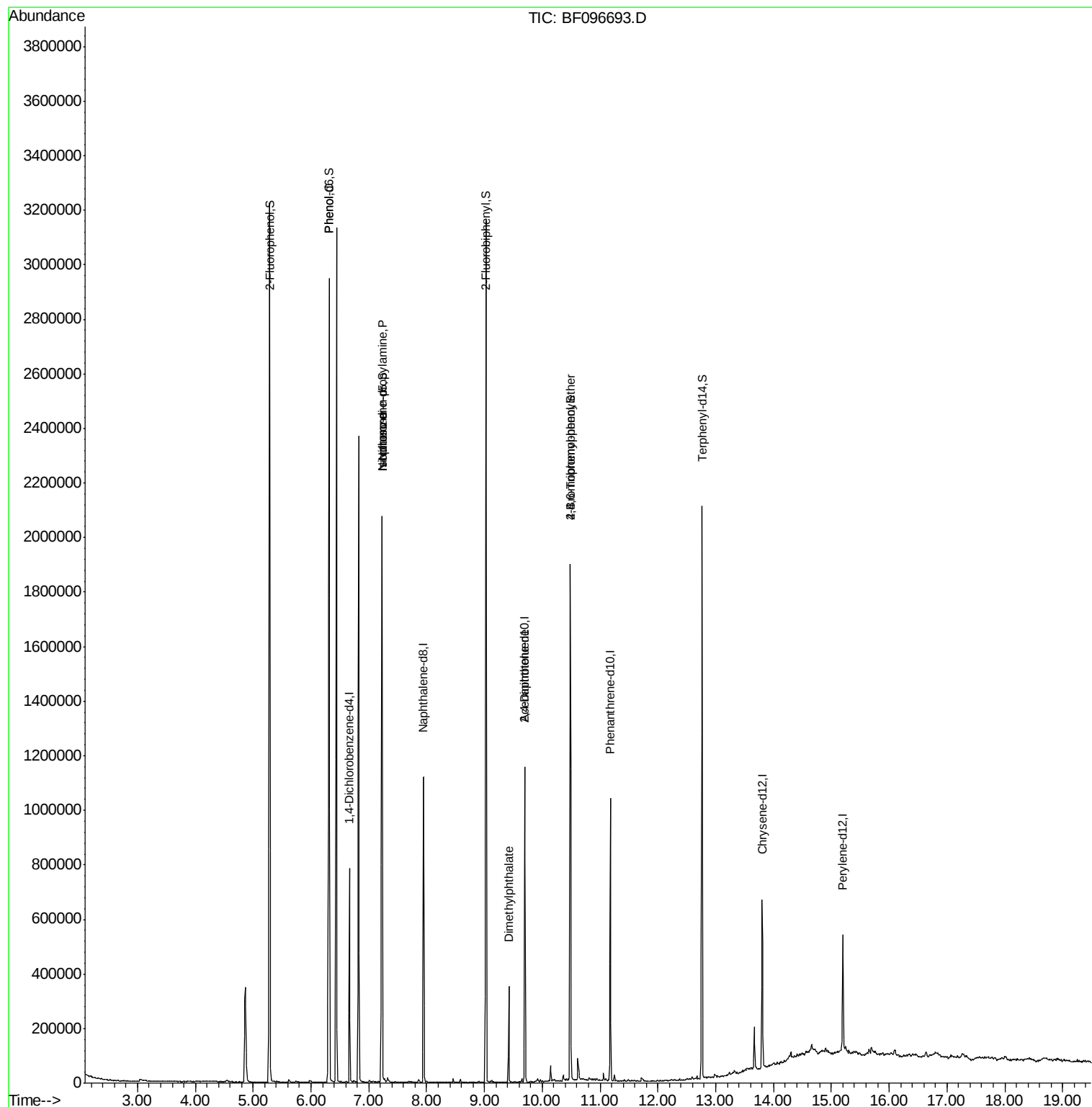
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	121607	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	561735	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	220624	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	368442	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	200233	20.00	ng	-0.04
86) Perylene-d12	15.20	264	176895	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	971692	117.94	ng	-0.02
7) Phenol-d6	6.32	99	1144375	112.98	ng	-0.03
23) Nitrobenzene-d5	7.23	82	783018	83.76	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	209195	121.39	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1086562	84.21	ng	-0.04
78) Terphenyl-d14	12.76	244	668533	71.34	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	23211	2.011	ng	# 65
19) n-Nitroso-di-n-propylamine	7.23	70	102946	17.060	ng	# 89
25) Isophorone	7.23	82	749364	41.344	ng	# 67
49) Dimethylphthalate	9.42	163	147292	8.943	ng	# 99
56) 2,4-Dinitrotoluene	9.70	165	26304	5.703	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	14015	3.908	ng	# 1

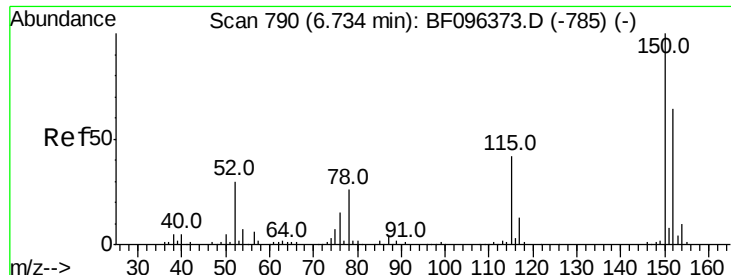
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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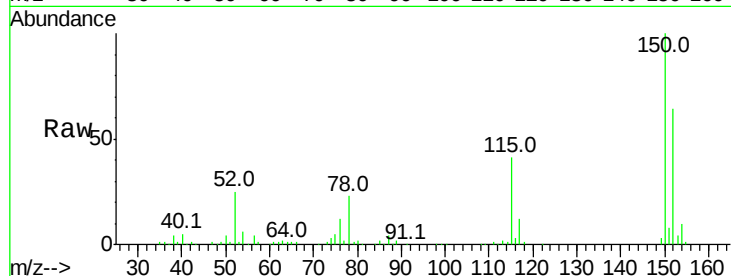


#1

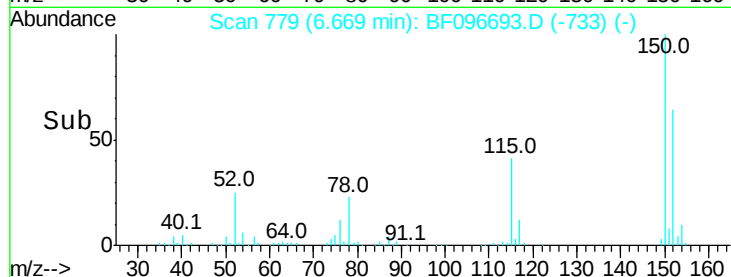
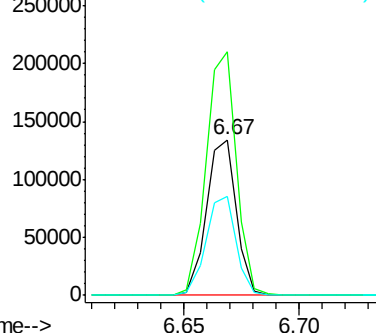
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121607
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 63.4 52.2 78.2



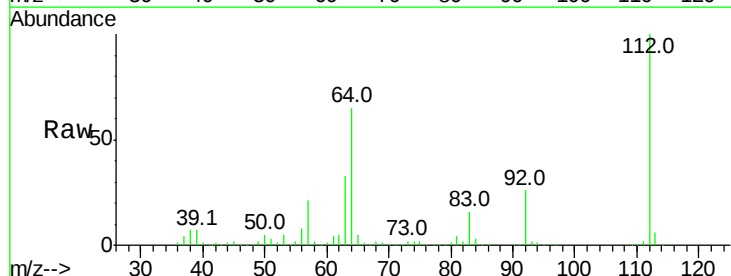
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



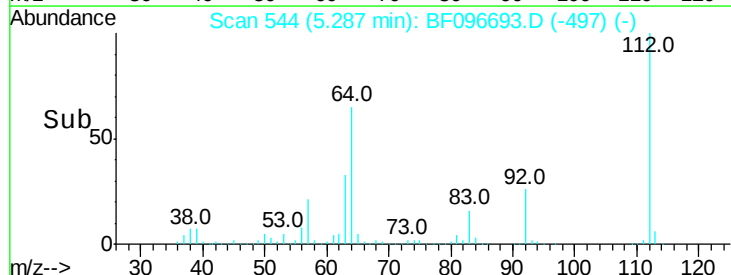
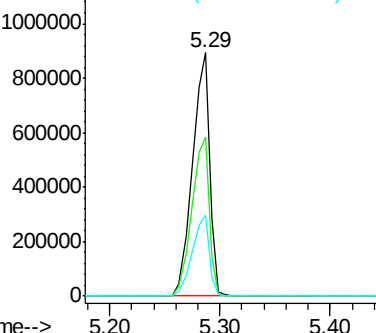
#5

2-Fluorophenol
Concen: 117.936 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:112 Resp: 971692
Ion Ratio Lower Upper
112 100
64 65.2 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: 112.981 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

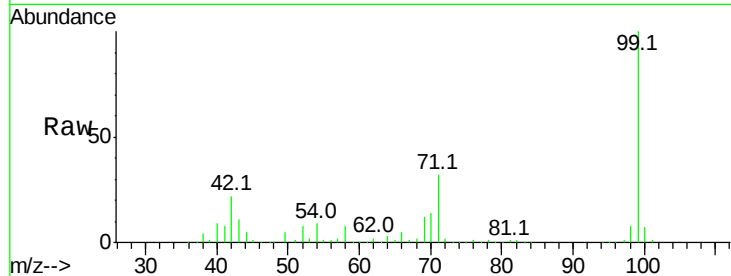
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1144375

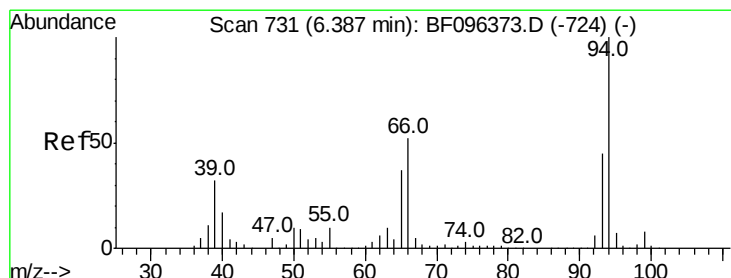
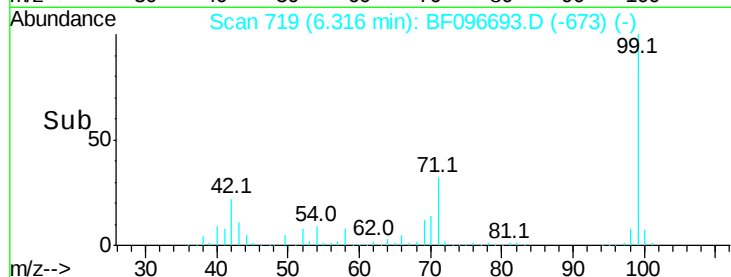
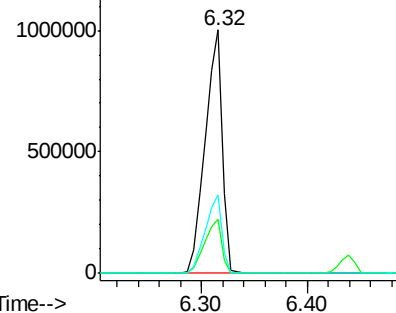
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	32.2	24.5	36.7



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



#10

Phenol

Concen: 2.011 ng

RT: 6.32 min Scan# 720

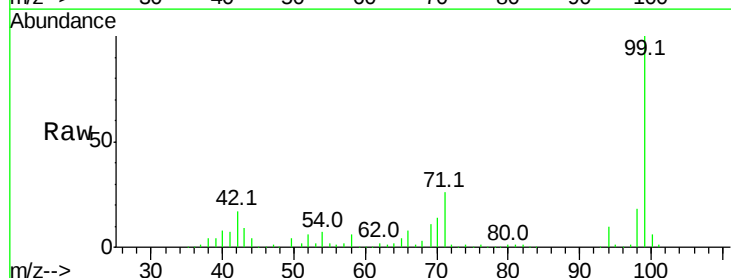
Delta R.T. -0.04 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

Tgt Ion: 94 Resp: 23211

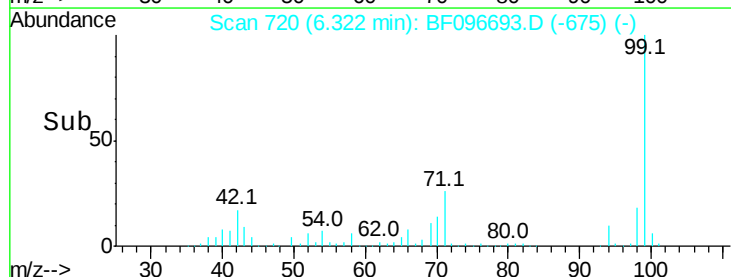
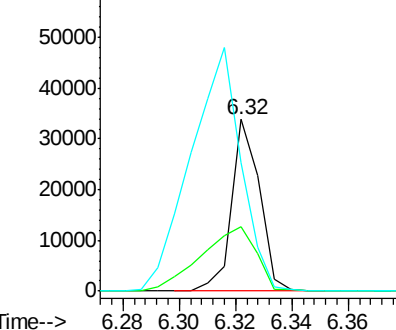
Ion	Ratio	Lower	Upper
94	100		
65	37.6	9.9	49.9
66	75.1	23.1	63.1#

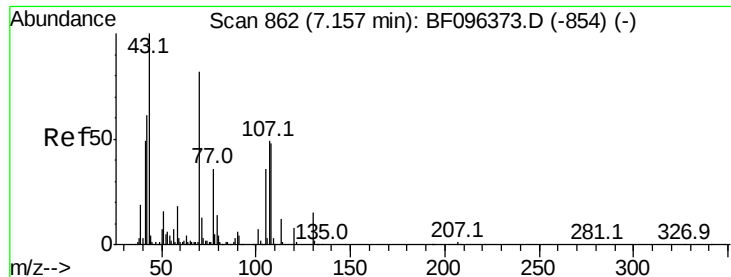


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

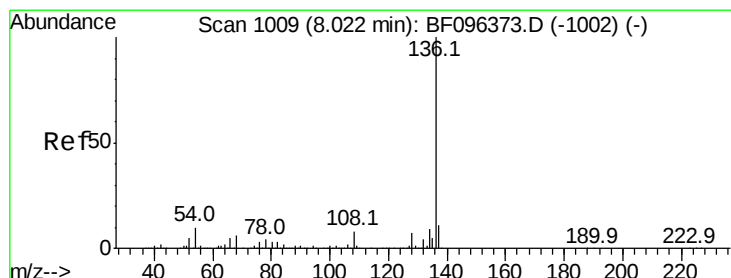
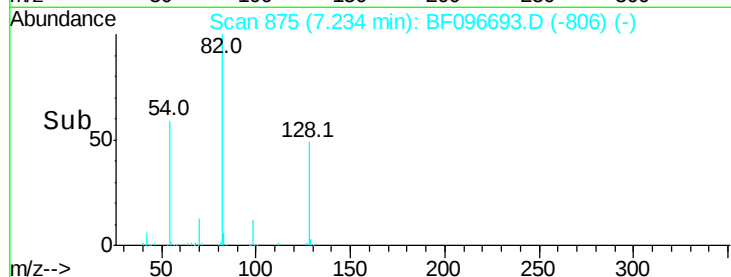
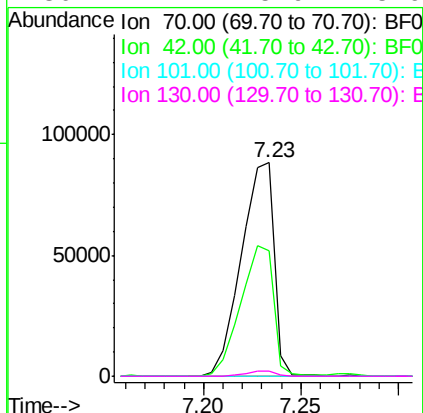
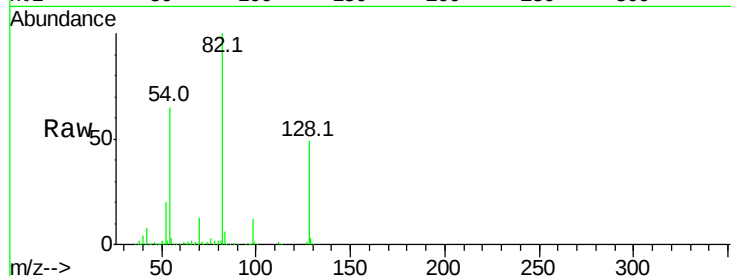




#19
n-Nitroso-di-n-propylamine
Concen: 17.060 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

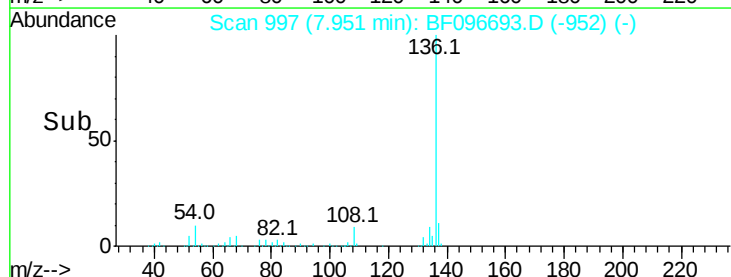
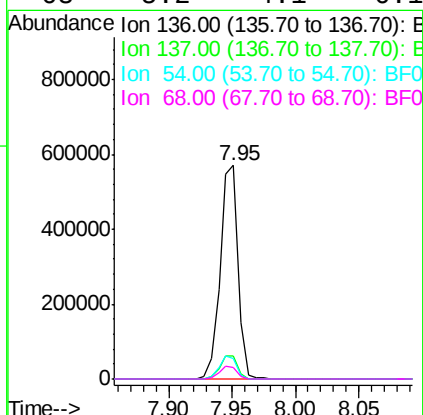
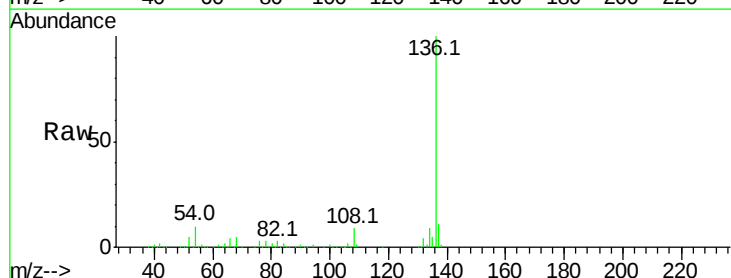
Instrument :
BNA_F
ClientSampleId :

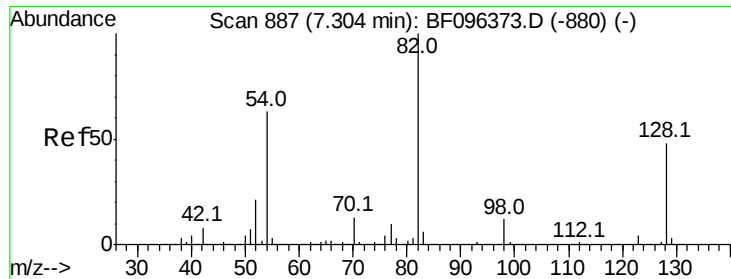
Tot Ion: 70 Resp: 102946
Ion Ratio Lower Upper
70 100
42 58.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:136 Resp: 561735
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.9 4.9 7.3#
68 5.2 4.1 6.1

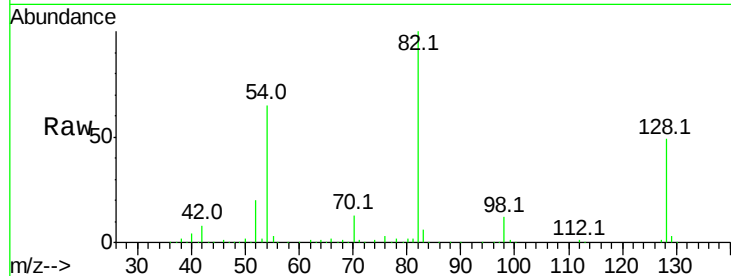




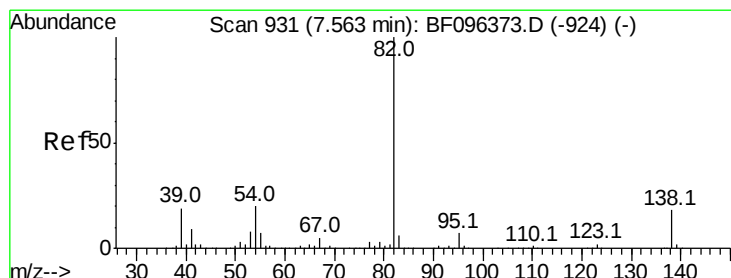
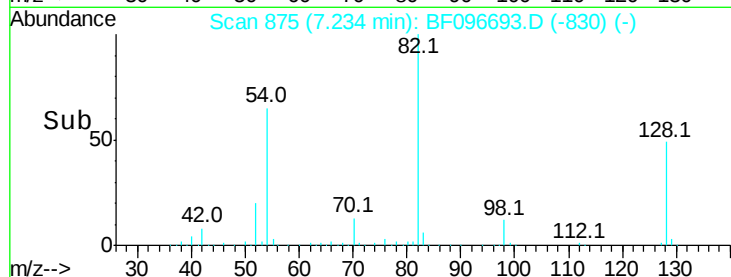
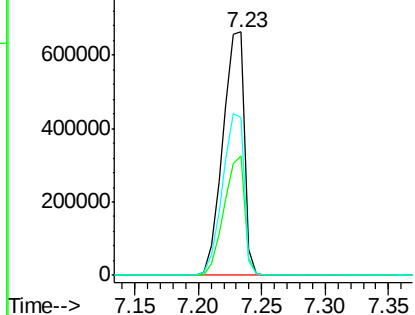
#23
 Nitrobenzene-d5
 Concen: 83.762 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	783018
Ion Ratio	Lower	Upper	
82	100		
128	48.9	34.0	51.0
54	64.6	42.2	63.2#

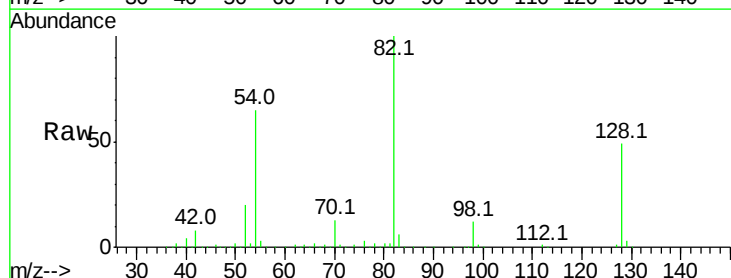


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

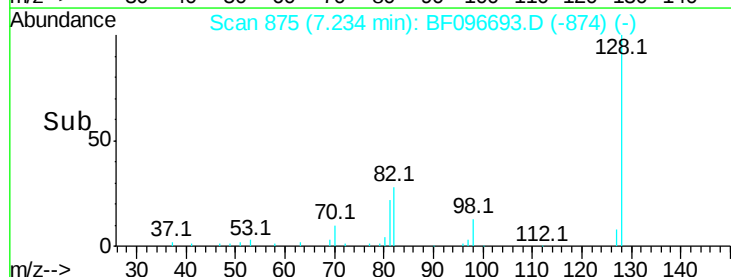
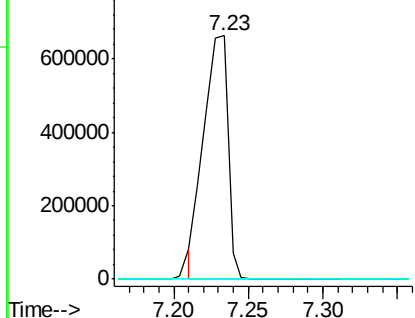


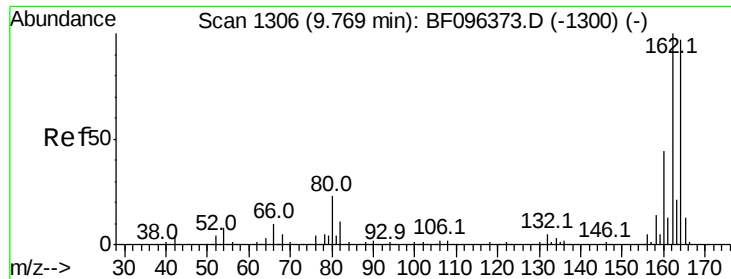
#25
 Isophorone
 Concen: 41.344 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.29 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Tgt Ion	82	Resp	749364
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

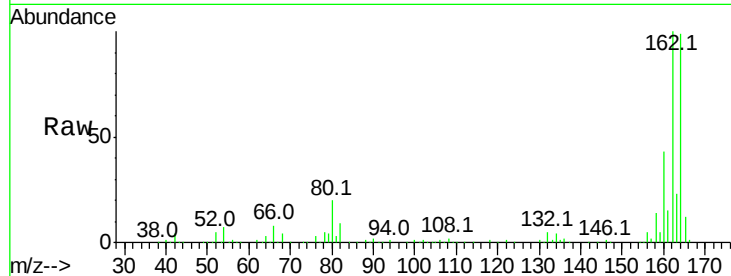




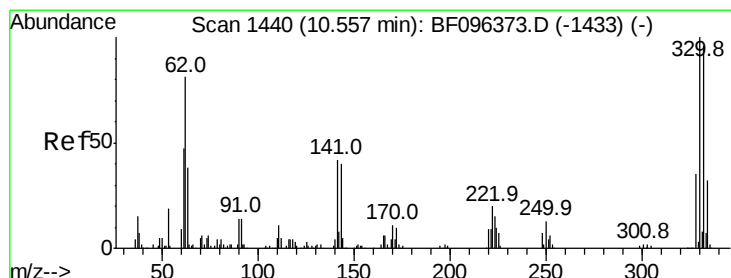
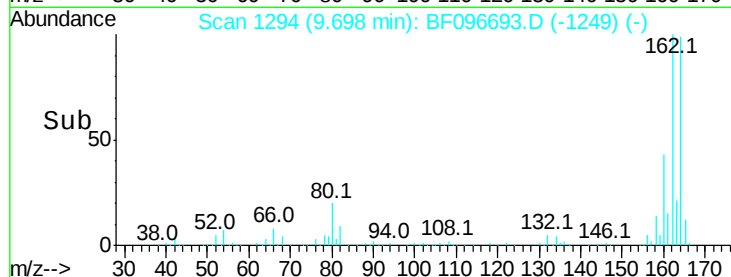
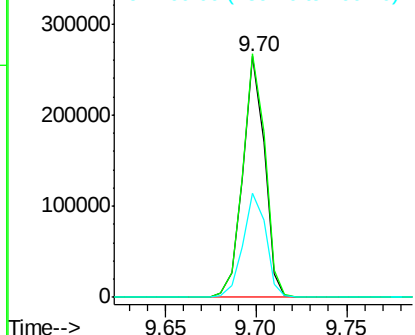
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 220624
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 43.0 36.2 54.2

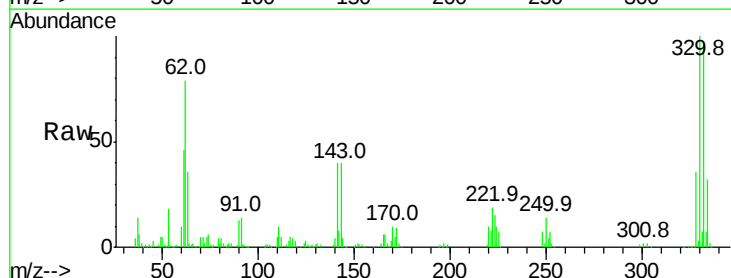


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

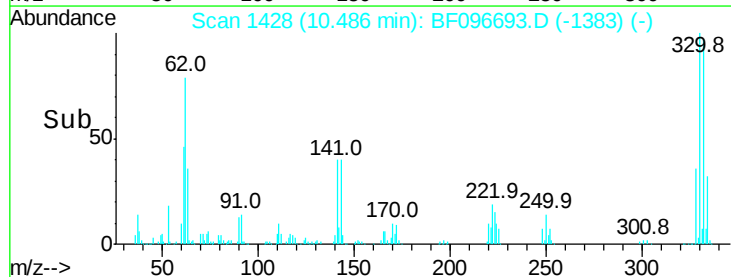
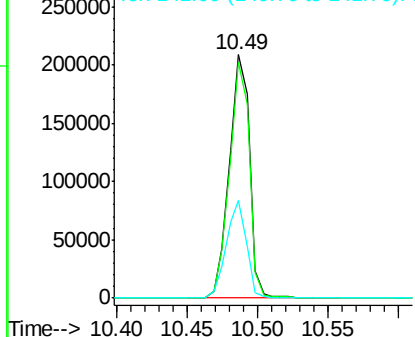


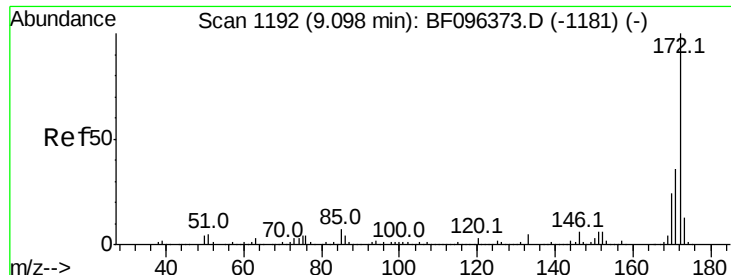
#41
2,4,6-Tribromophenol
Concen: 121.389 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:330 Resp: 209195
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 39.3 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

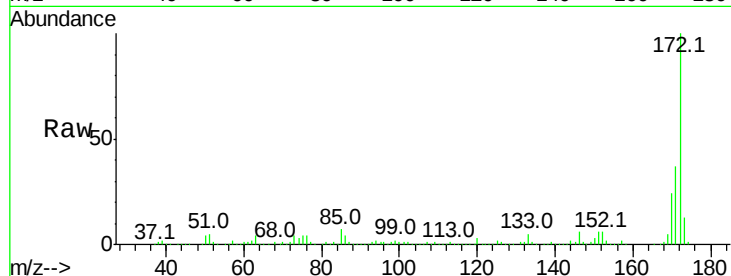




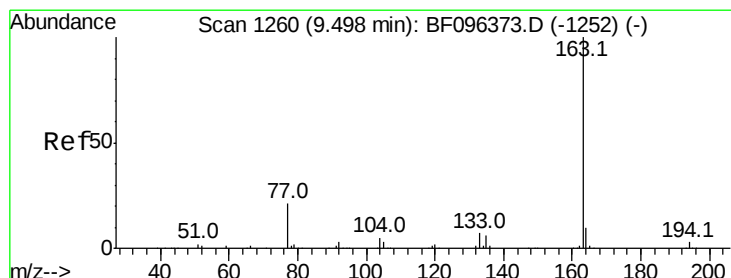
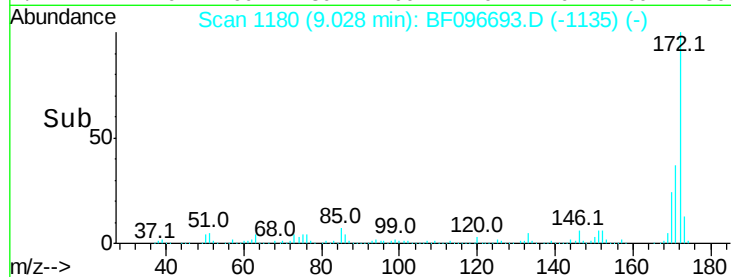
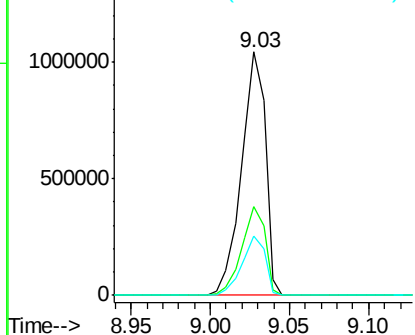
#44
2-Fluorobiphenyl
Concen: 84.205 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1086562
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.8 29.8

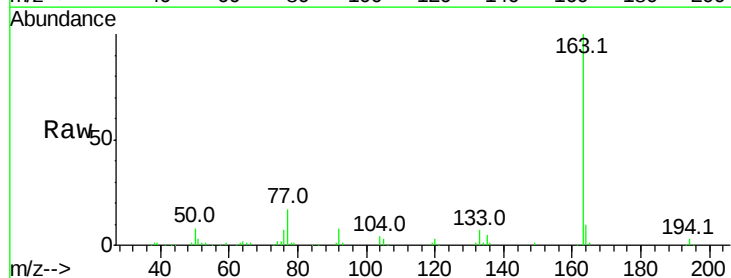


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

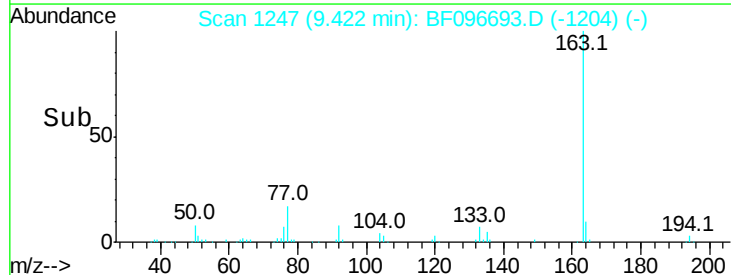
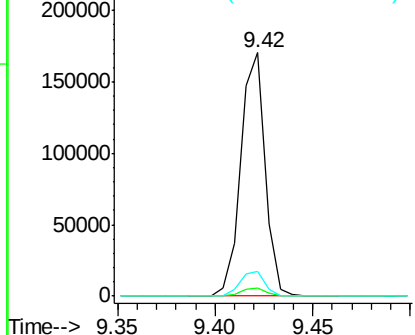


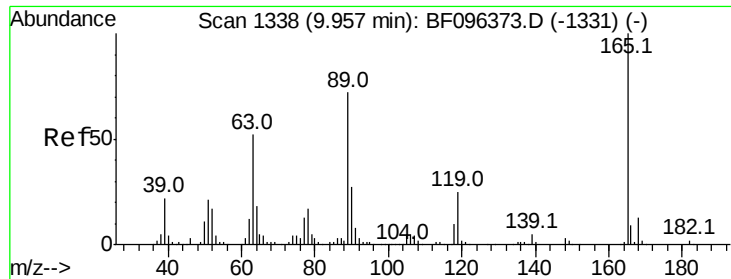
#49
Dimethylphthalate
Concen: 8.943 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:163 Resp: 147292
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 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

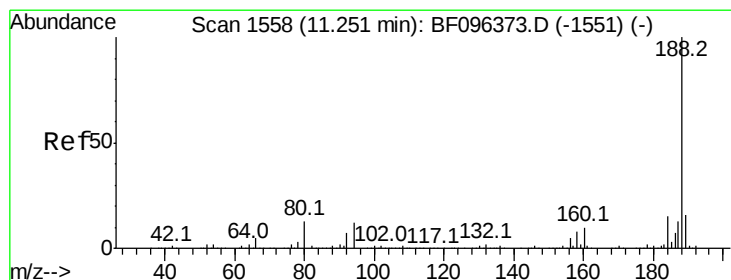
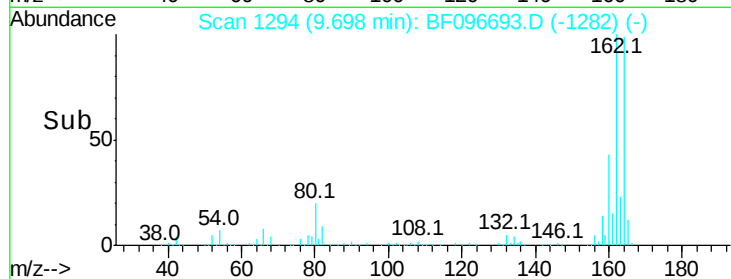
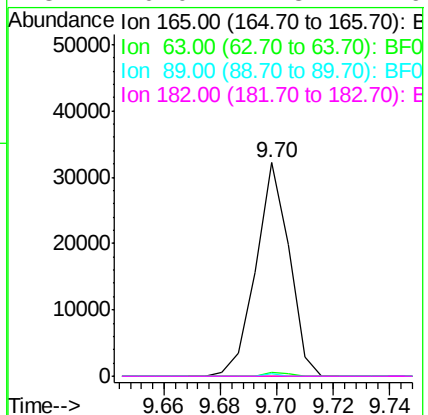
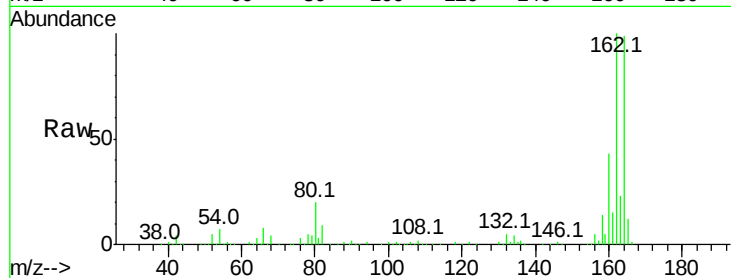




#56
 2,4-Dinitrotoluene
 Concen: 5.703 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

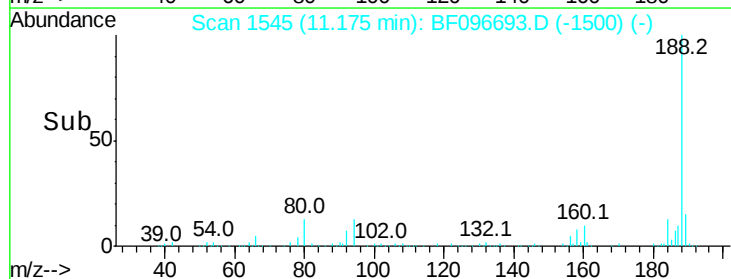
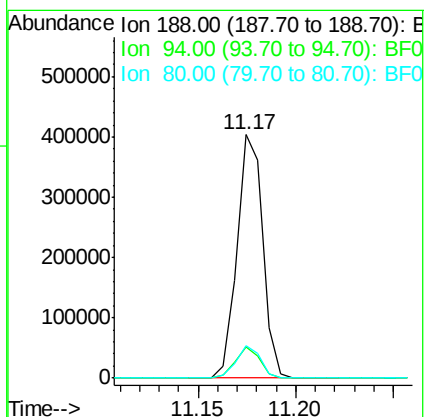
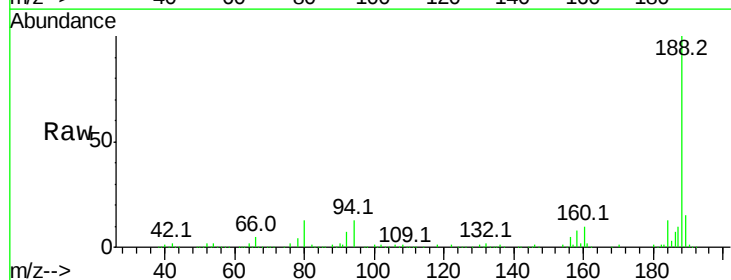
Instrument :
 BNA_F
 ClientSampleId :

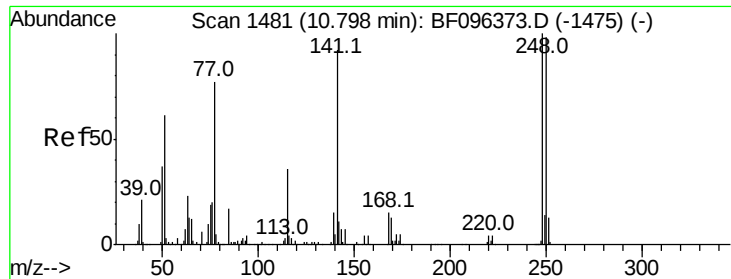
Tot Ion:165 Resp: 26304
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096693.D
 Acq: 12 Jul 2017 15:55

Tgt Ion:188 Resp: 368442
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.4 14.2
 80 13.5 10.2 15.2

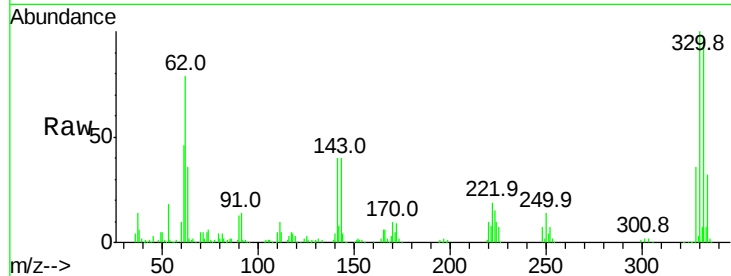




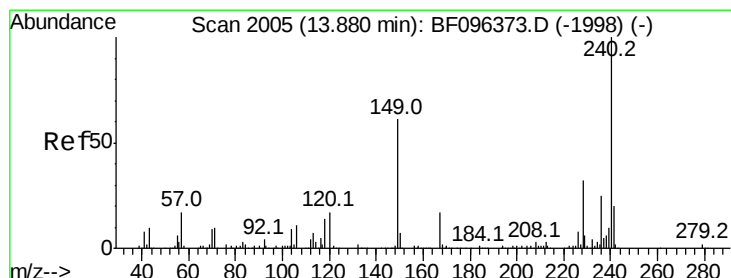
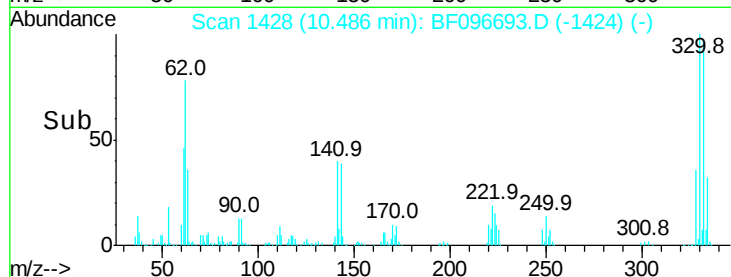
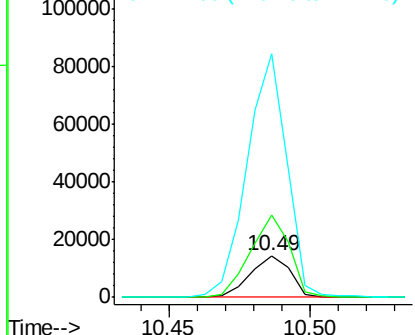
#66
4-Bromophenyl-phenylether
Concen: 3.908 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14015
Ion Ratio Lower Upper
248 100
250 197.9 76.8 115.2#
141 584.6 68.6 103.0#

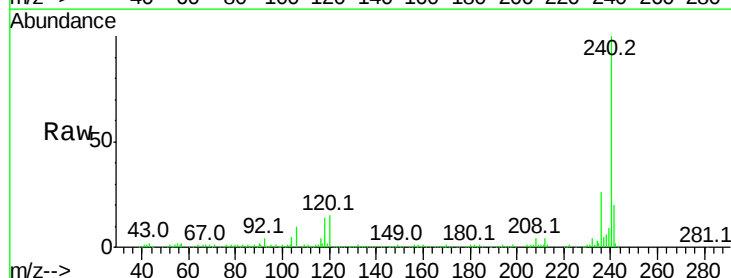


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

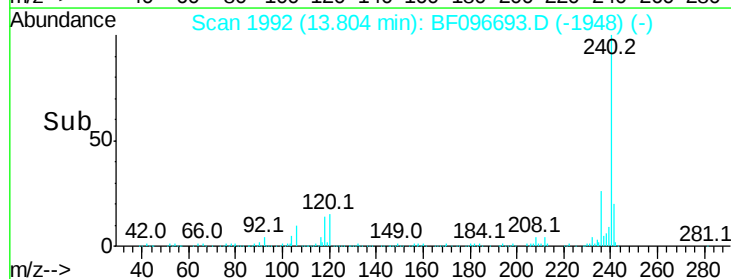
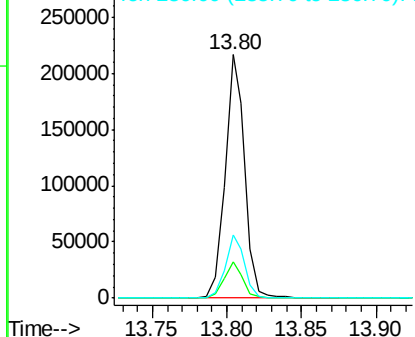


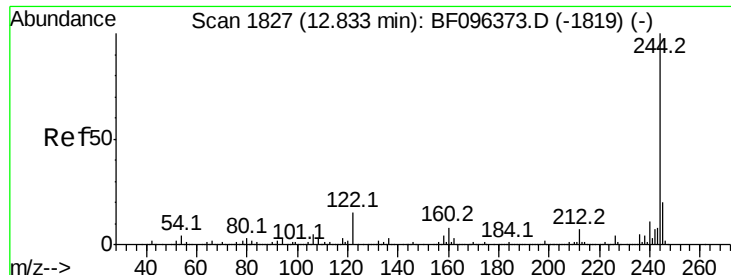
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096693.D
Acq: 12 Jul 2017 15:55

Tgt Ion:240 Resp: 200233
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.8 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: 71.344 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

Instrument :

BNA_F

ClientSampleId :

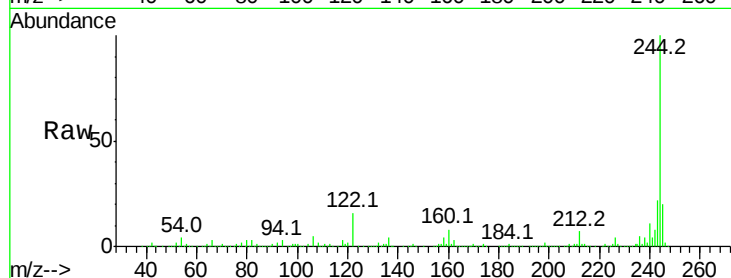
Tot Ion:244 Resp: 668533

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

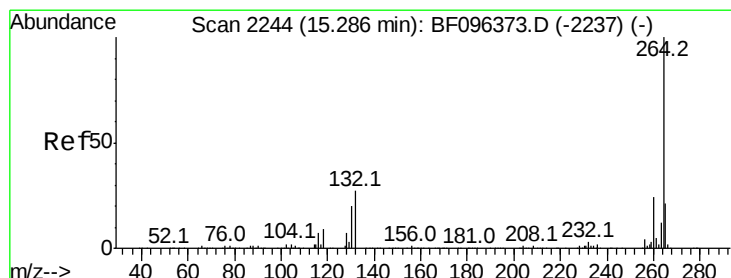
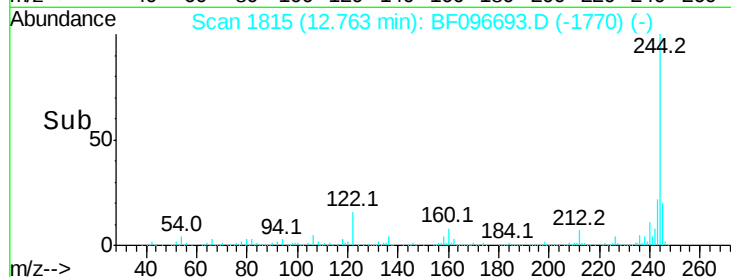
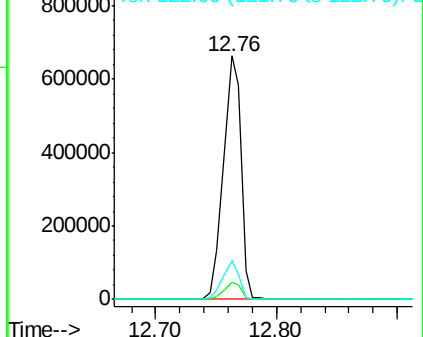
122 16.0 10.3 15.5#



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: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096693.D

Acq: 12 Jul 2017 15:55

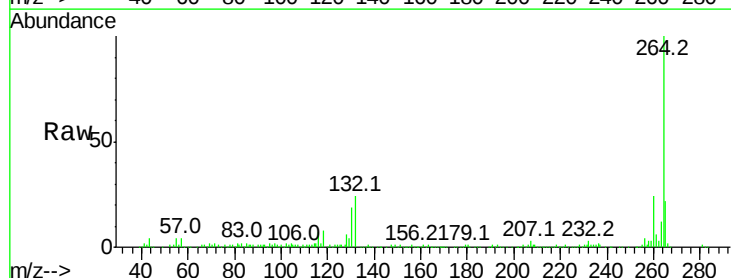
Tgt Ion:264 Resp: 176895

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.8 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

