

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
 Data File : BF098663.D
 Acq On : 20 Sep 2017 16:40
 Operator : SJ/JU
 Sample : I5276-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 05:20:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

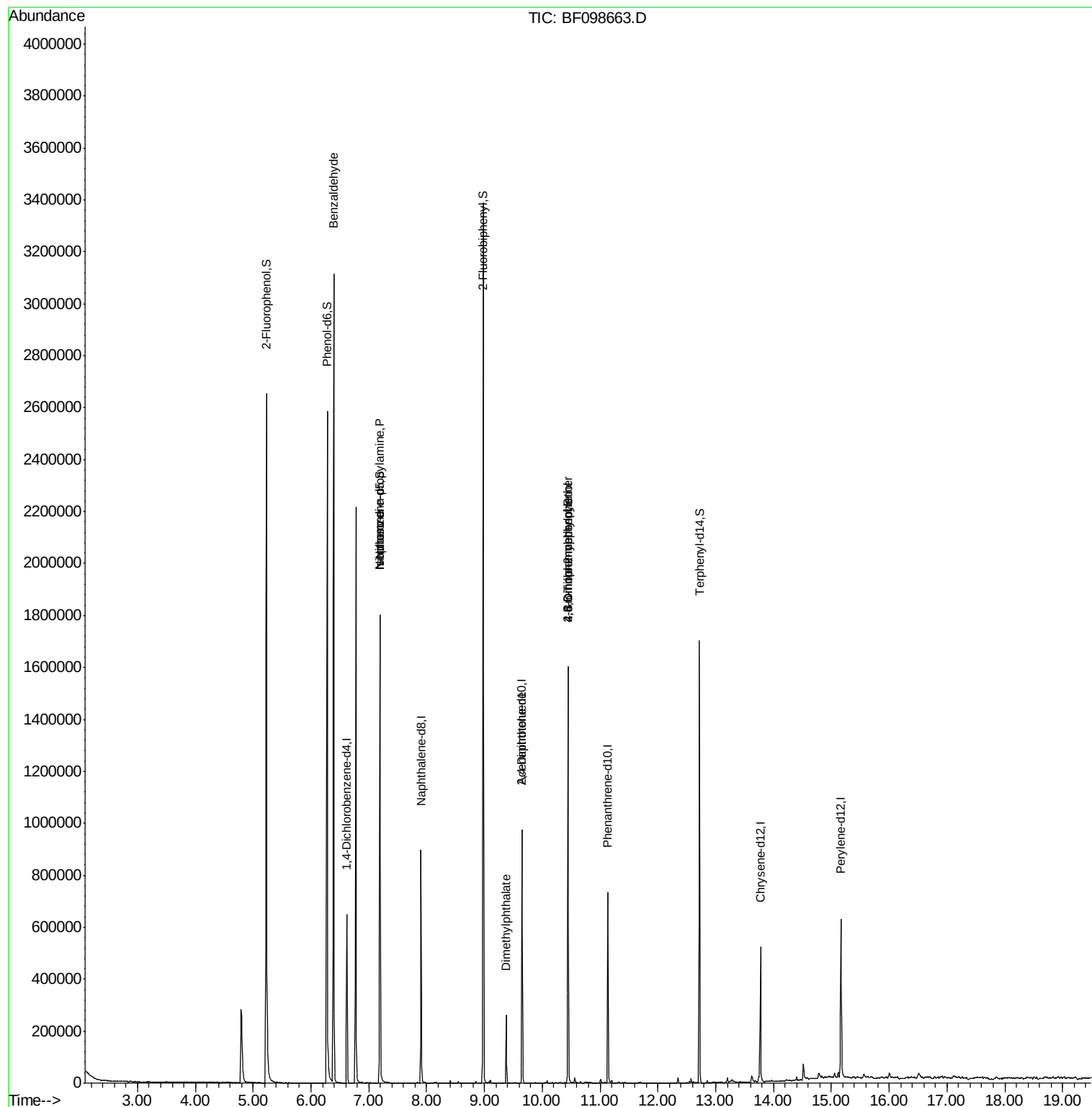
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	94028	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	381010	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	170494	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	259158	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	184270	20.00	ng	-0.01
86) Perylene-d12	15.17	264	245288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	750412	118.00	ng	-0.01
7) Phenol-d6	6.28	99	934253	115.70	ng	-0.01
23) Nitrobenzene-d5	7.19	82	562156	82.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	149829	131.67	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	934710	92.92	ng	-0.02
78) Terphenyl-d14	12.72	244	533882	62.54	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.39	77	18227	3.45	ng	82
19) n-Nitroso-di-n-propylamine	7.19	70	77404	15.24	ng	# 80
25) Isophorone	7.19	82	562153	40.65	ng	# 67
49) Dimethylphthalate	9.38	163	98918	7.50	ng	99
56) 2,4-Dinitrotoluene	9.65	165	21372	6.48	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.45	198	177	5.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	11724	4.77	ng	# 1

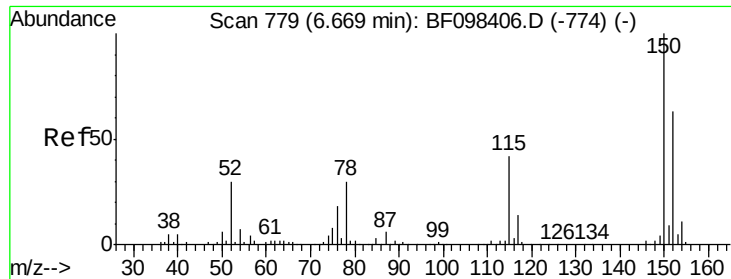
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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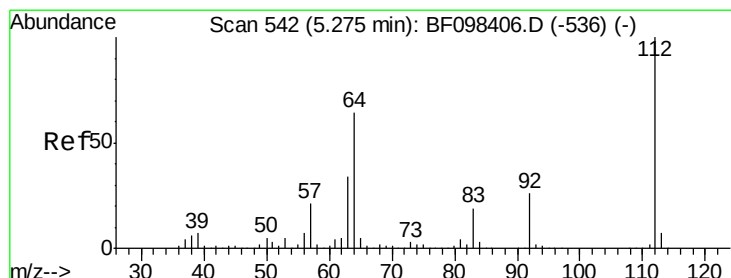
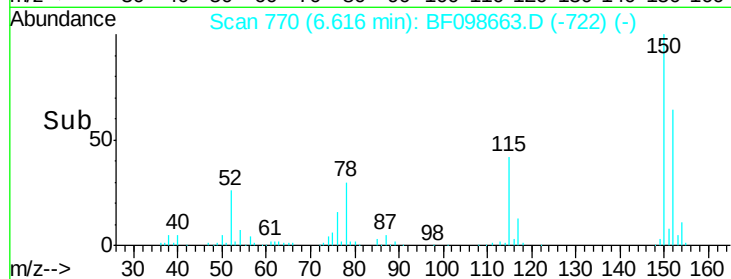
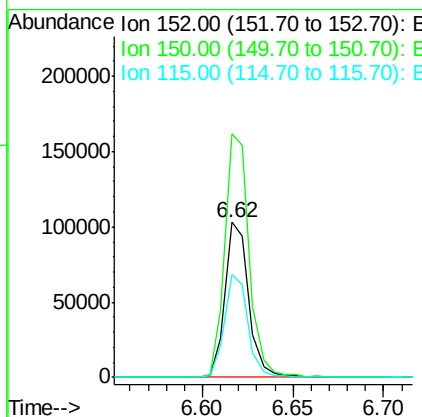
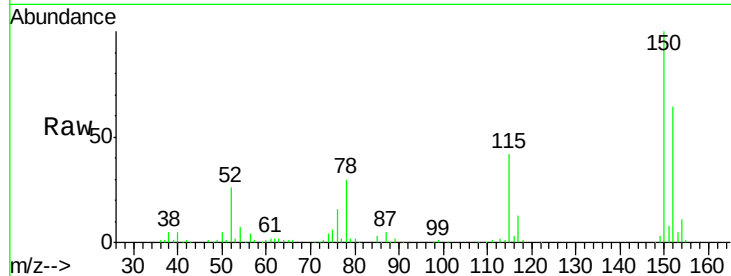




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

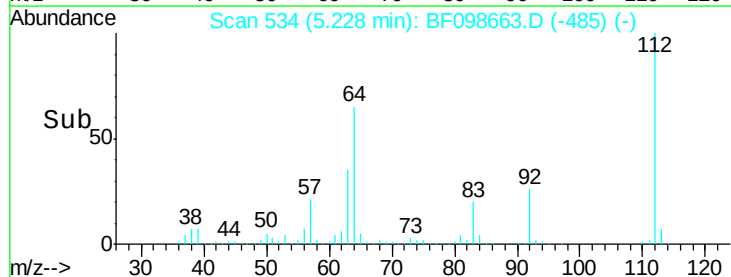
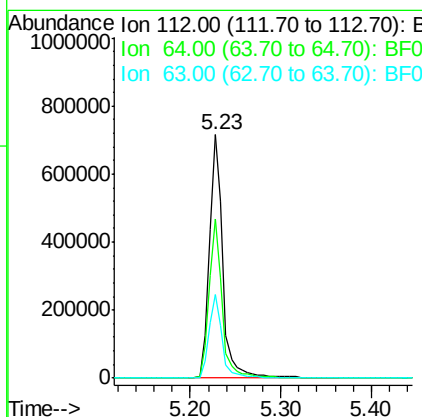
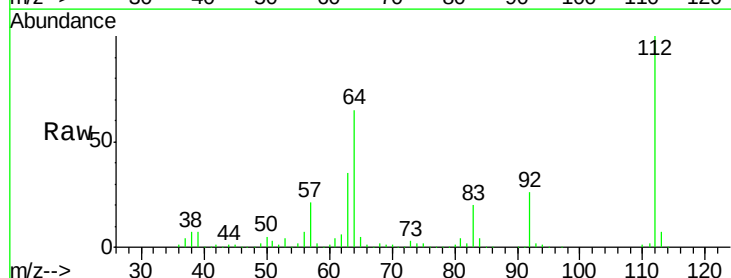
Instrument :
 BNA_F
 ClientSampled :

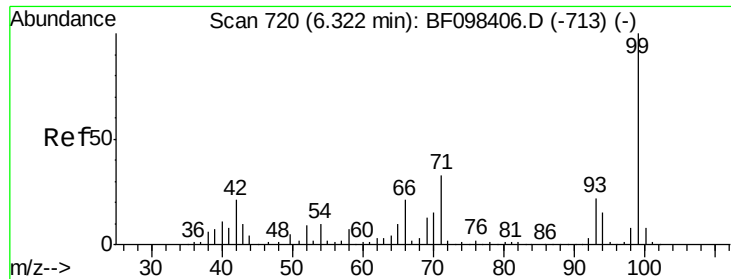
Tot Ion:152 Resp: 94028
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 66.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 118.00 ng
 RT: 5.23 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Tgt Ion:112 Resp: 750412
 Ion Ratio Lower Upper
 112 100
 64 65.3 46.0 69.0
 63 34.5 23.4 35.0





#7

Phenol-d6

Concen: 115.70 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

Instrument :

BNA_F

ClientSampled :

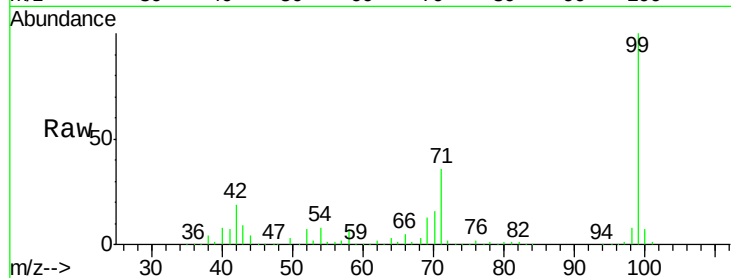
Tot Ion: 99 Resp: 934253

Ion Ratio Lower Upper

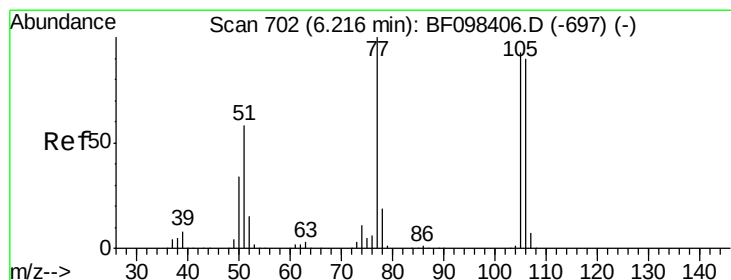
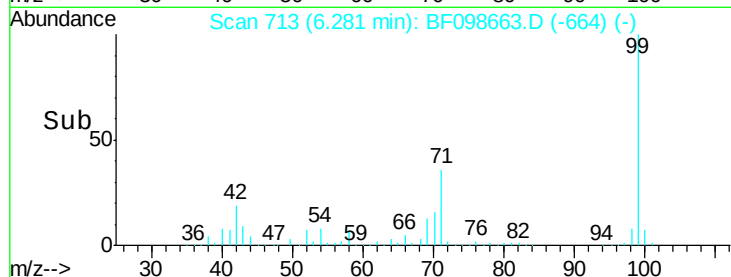
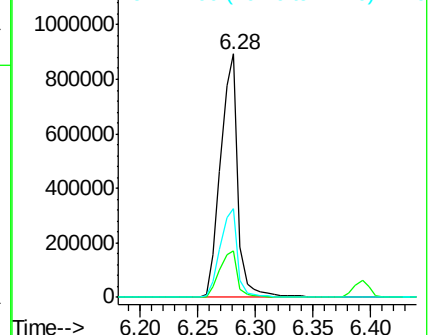
99 100

42 18.9 13.5 20.3

71 36.2 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



#9

Benzaldehyde

Concen: 3.45 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.21 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

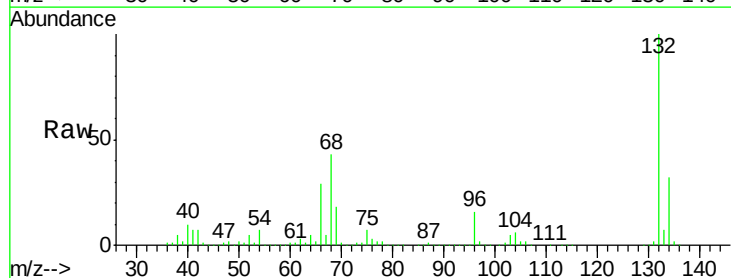
Tgt Ion: 77 Resp: 18227

Ion Ratio Lower Upper

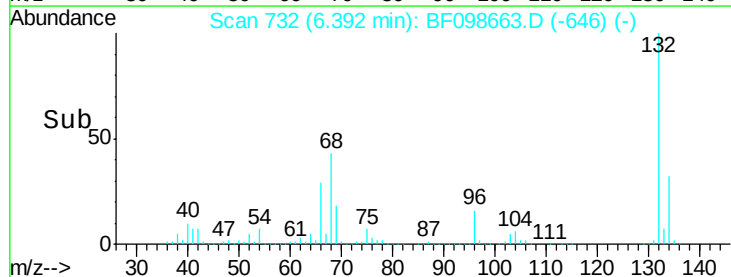
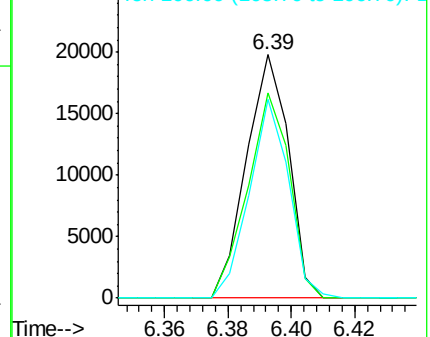
77 100

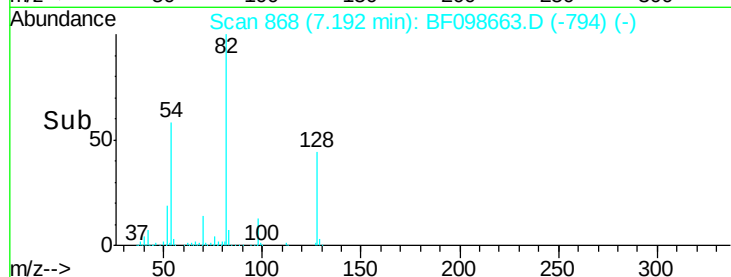
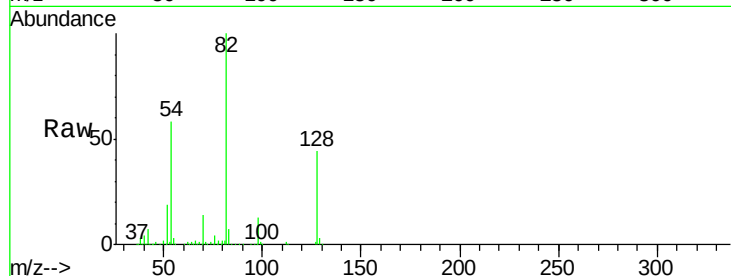
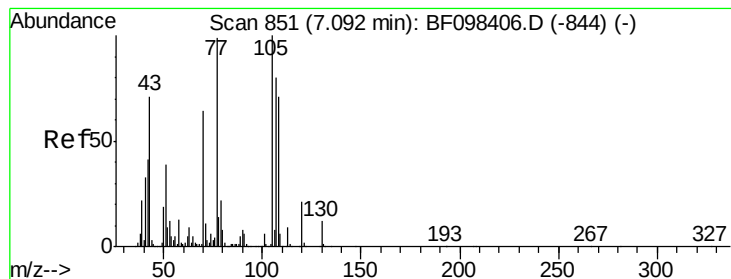
105 84.5 83.8 123.8

106 81.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.24 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF098663.D

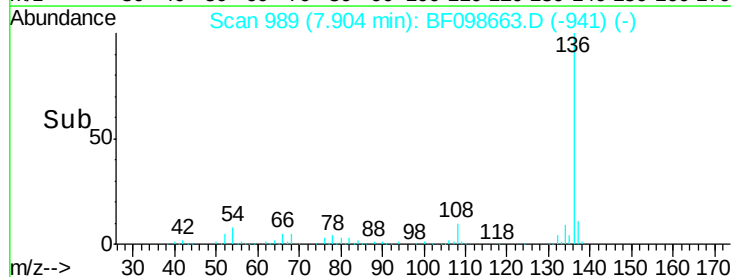
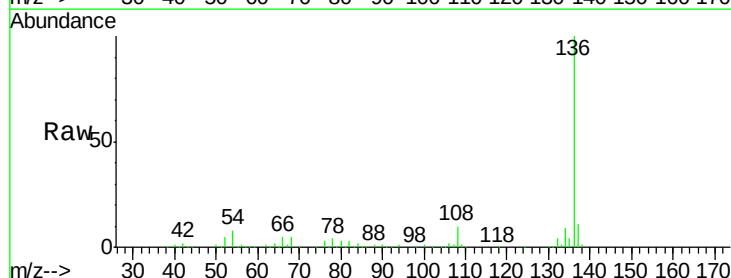
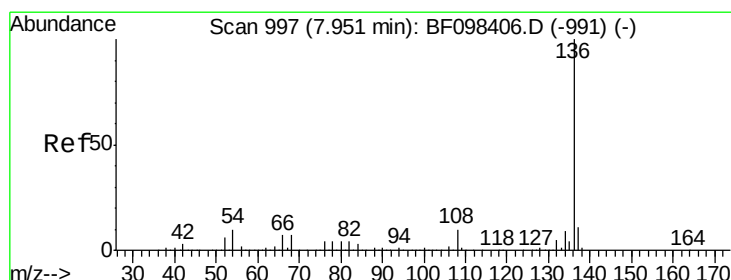
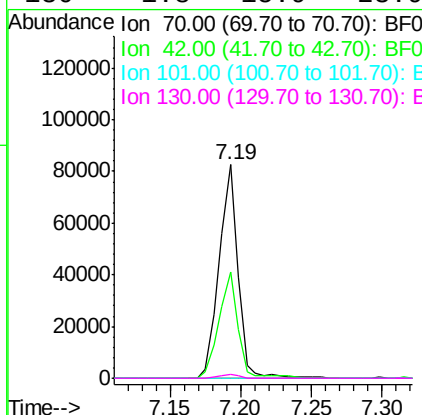
Acq: 20 Sep 2017 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	77404
Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

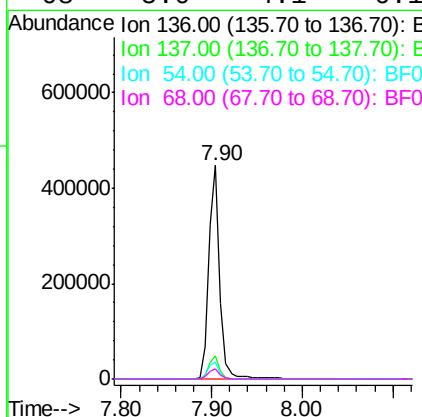
RT: 7.90 min Scan# 989

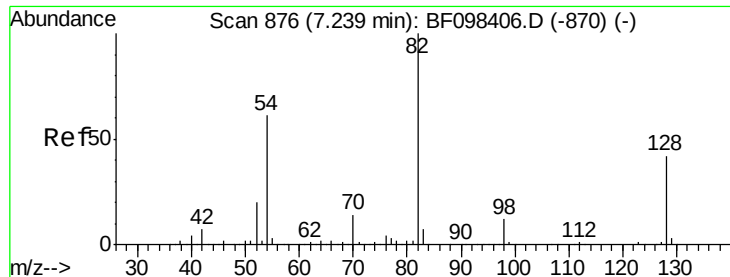
Delta R.T. -0.02 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

Tgt Ion:	136	Resp:	381010
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.9	4.9	7.3#
68	5.0	4.1	6.1

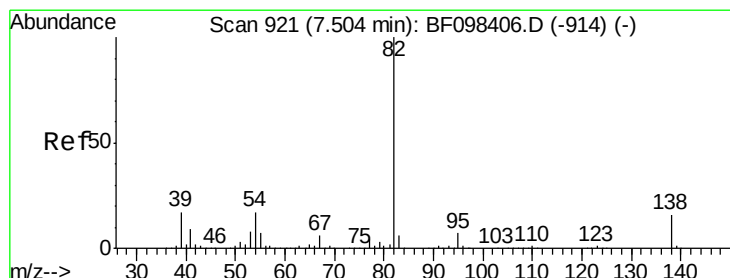
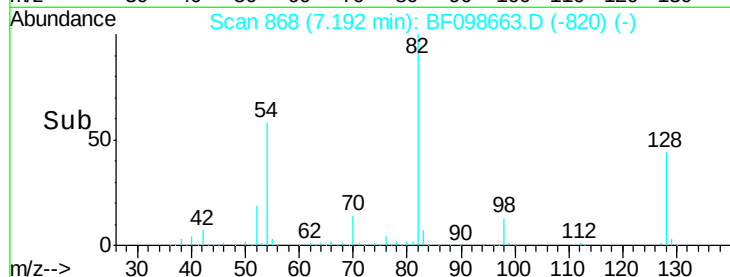
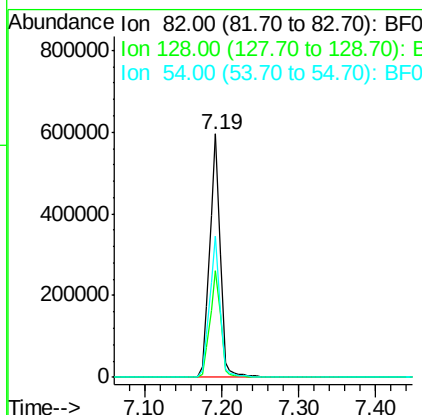
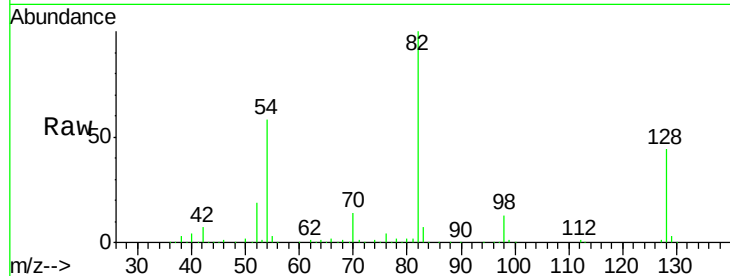




#23
 Nitrobenzene-d5
 Concen: 82.25 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

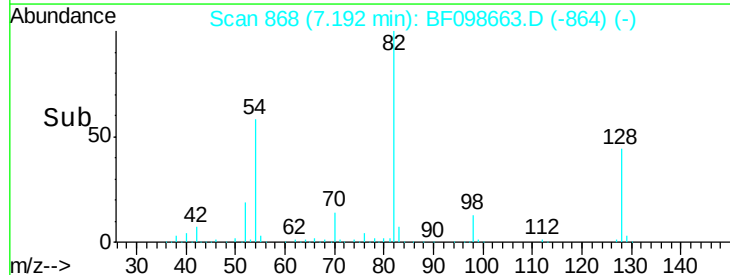
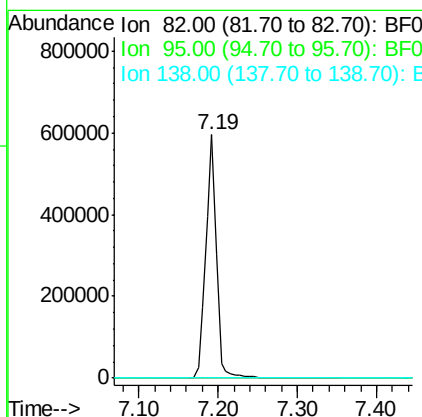
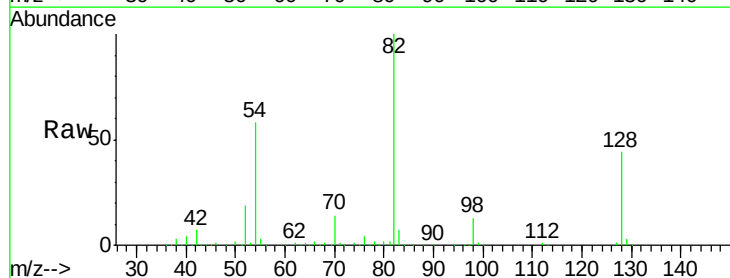
Instrument :
 BNA_F
 ClientSampled :

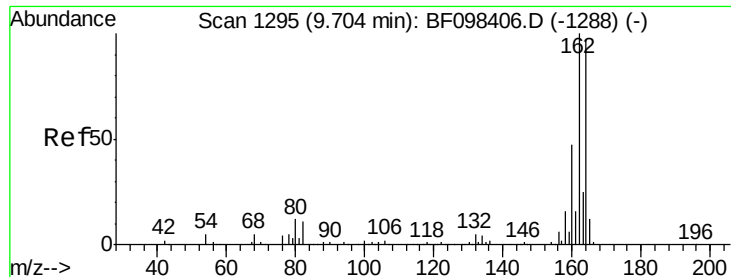
Tot Ion: 82 Resp: 562156
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 57.8 42.2 63.2



#25
 Isophorone
 Concen: 40.65 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.28 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Tgt Ion: 82 Resp: 562153
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

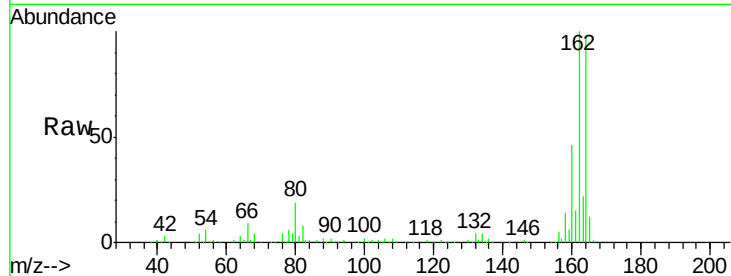




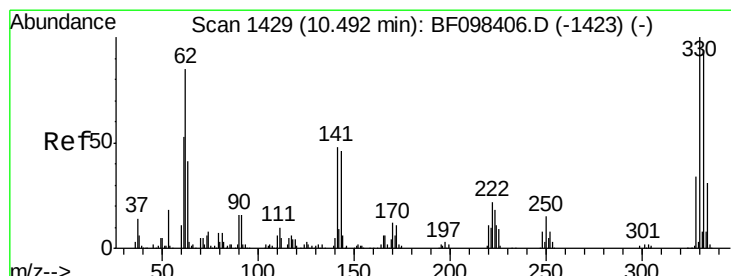
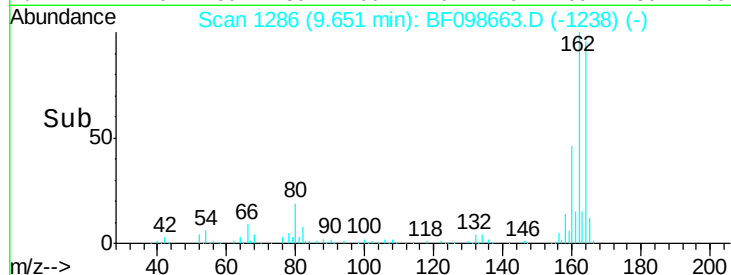
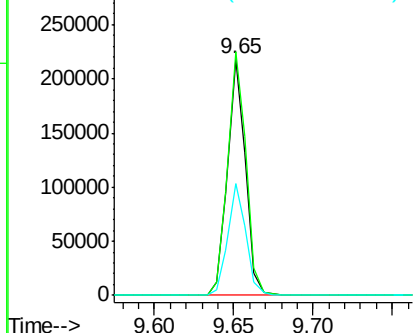
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 170494
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 47.1 36.2 54.2

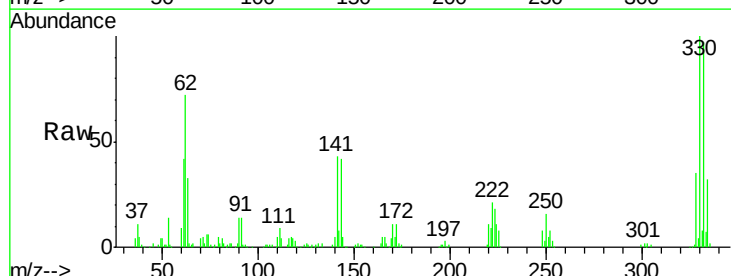


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

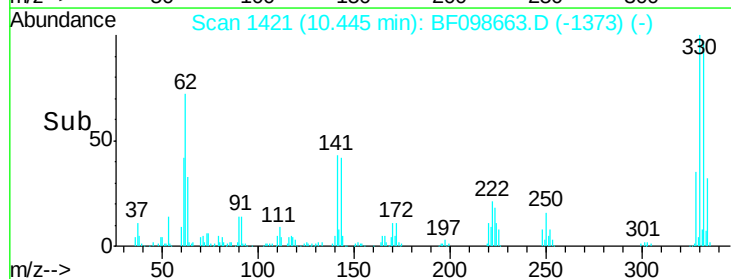
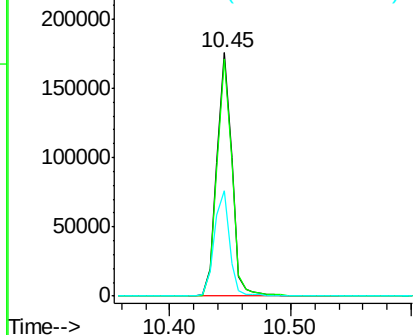


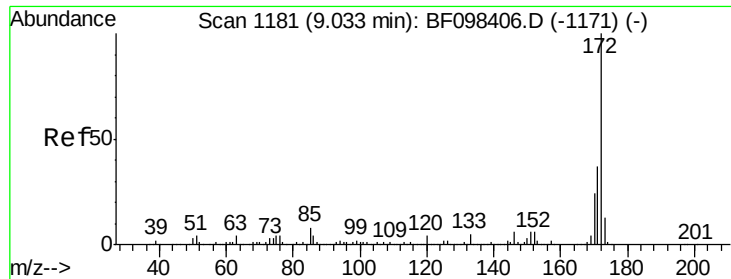
#41
 2,4,6-Tribromophenol
 Concen: 131.67 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Tgt Ion:330 Resp: 149829
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 43.9 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

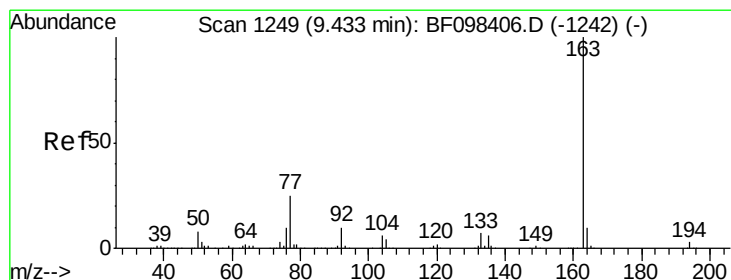
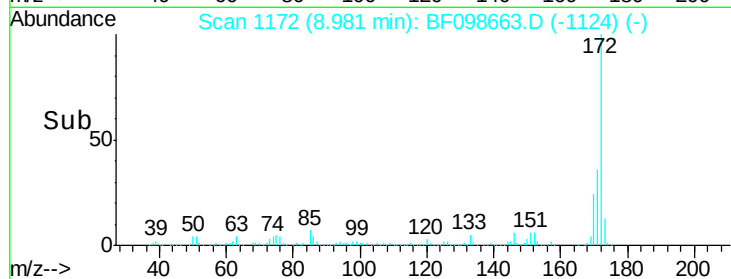
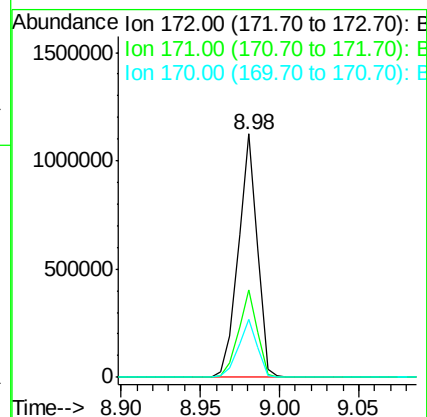
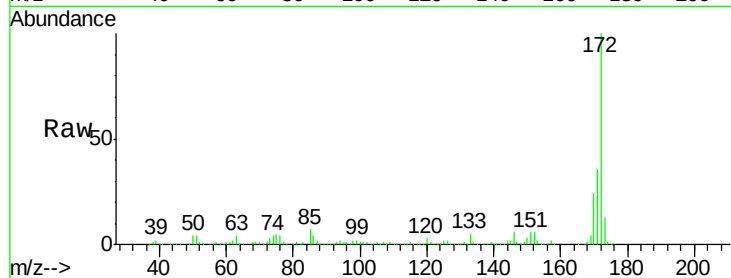




#44
2-Fluorobiphenyl
Concen: 92.92 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF098663.D
Acq: 20 Sep 2017 16:40

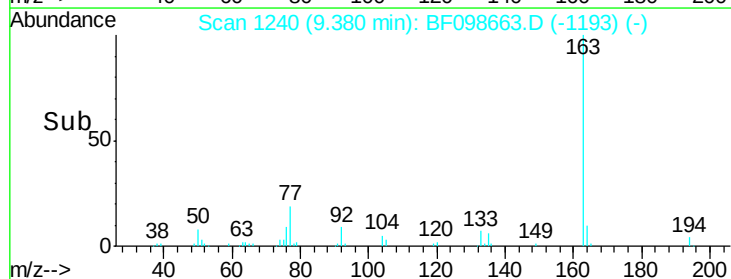
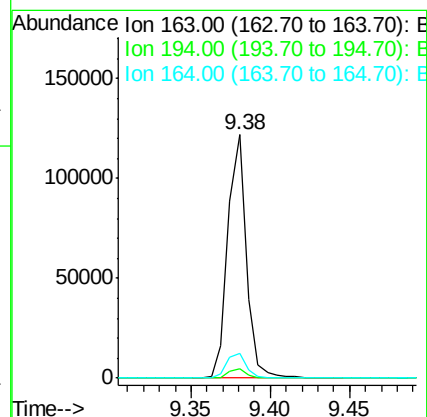
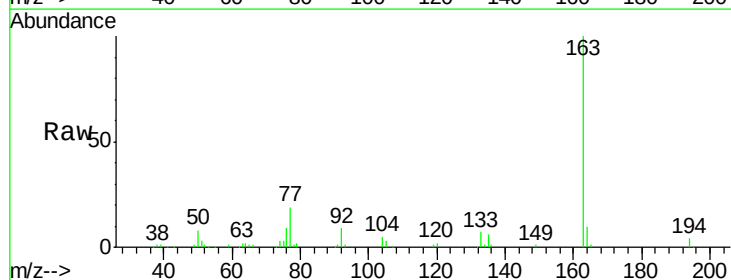
Instrument :
BNA_F
ClientSampleId :

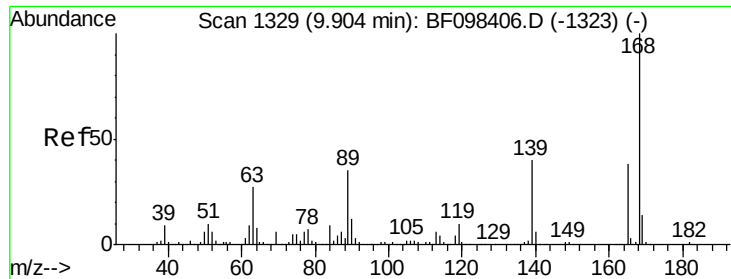
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8



#49
Dimethylphthalate
Concen: 7.50 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098663.D
Acq: 20 Sep 2017 16:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

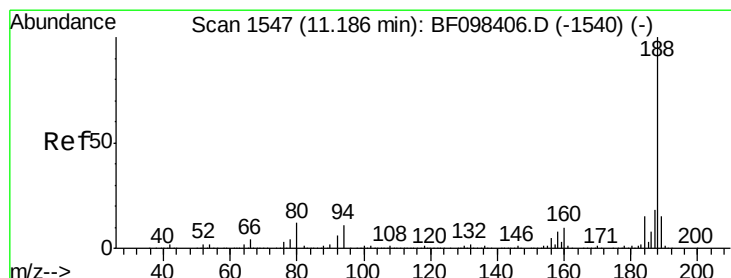
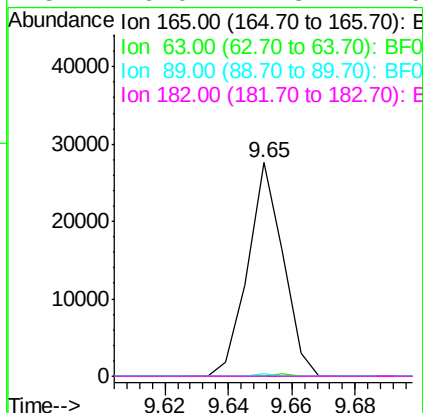
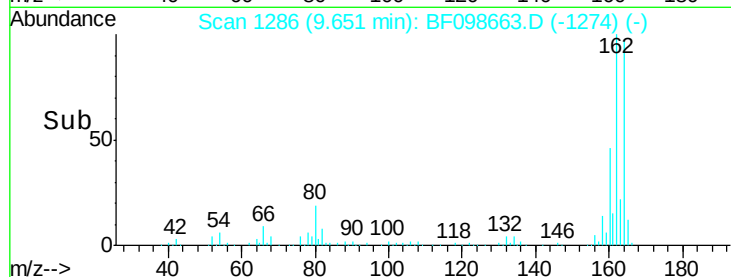
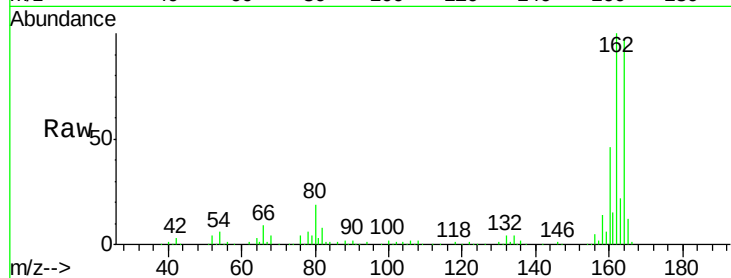




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.23 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

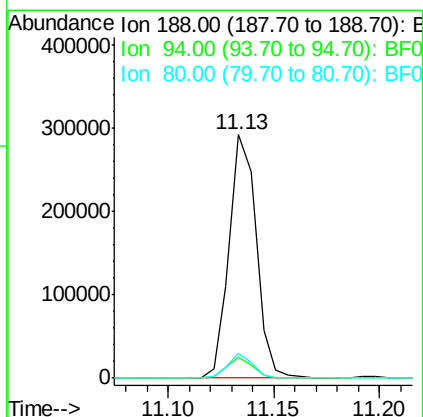
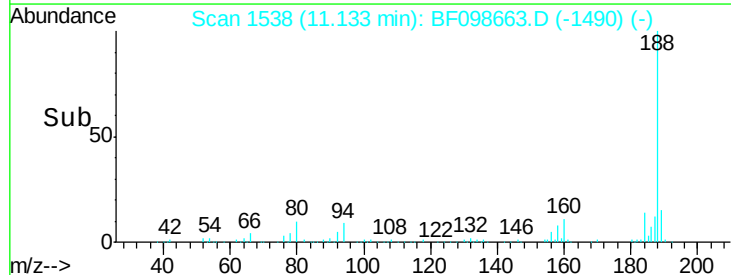
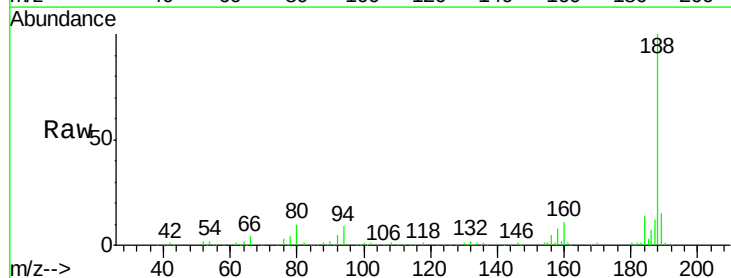
Instrument :
 BNA_F
 ClientSampleId :

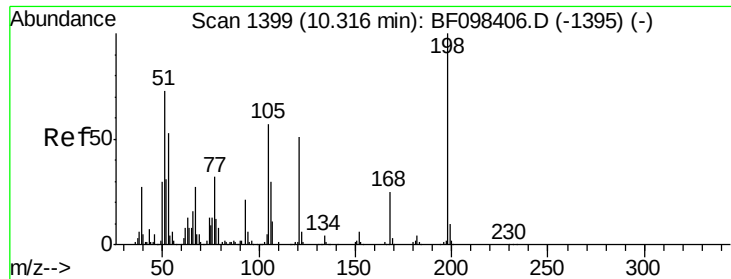
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.4	14.2#
80	10.2	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 5.06 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.15 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

Instrument :

BNA_F

ClientSampleId :

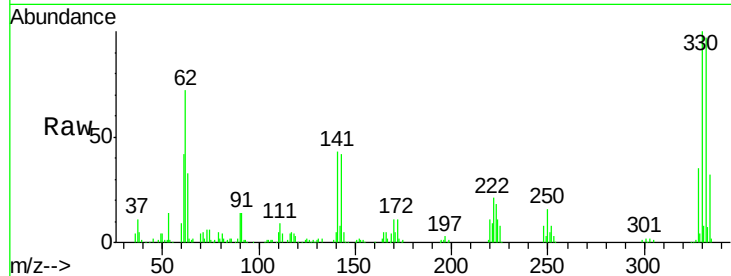
Tot Ion:198 Resp: 177

Ion Ratio Lower Upper

198 100

51 180.3 53.2 93.2#

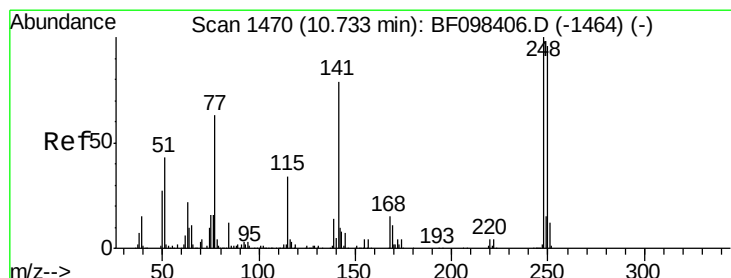
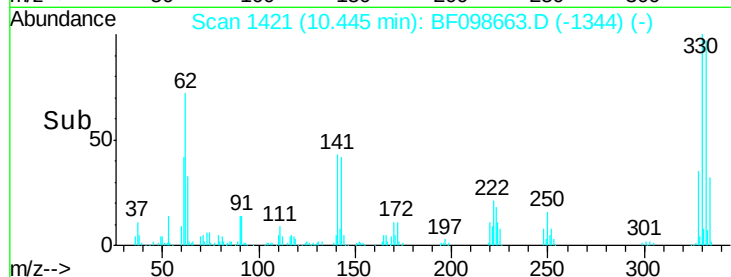
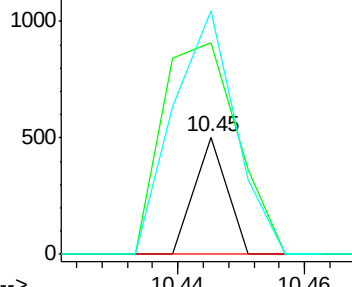
105 207.8 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.77 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.25 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

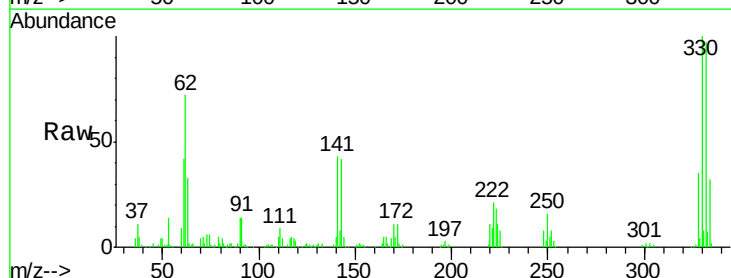
Tgt Ion:248 Resp: 11724

Ion Ratio Lower Upper

248 100

250 195.0 76.8 115.2#

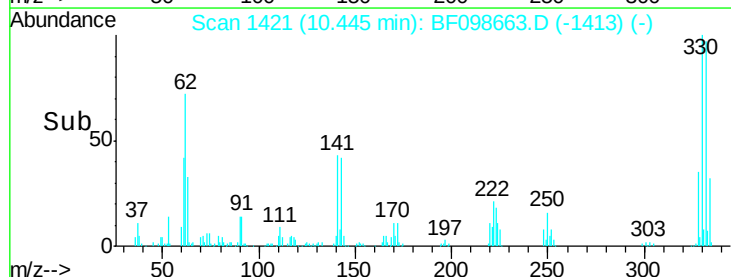
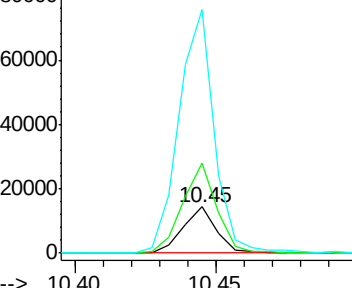
141 529.7 68.6 103.0#

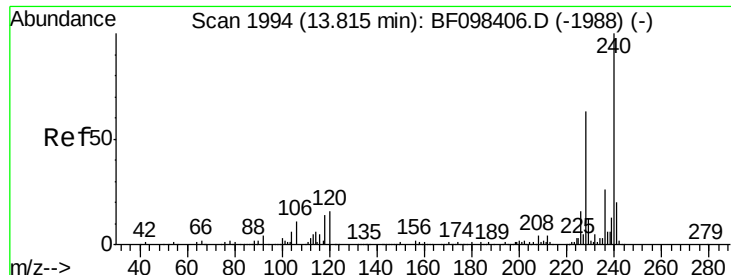


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

Instrument :

BNA_F

ClientSampleId :

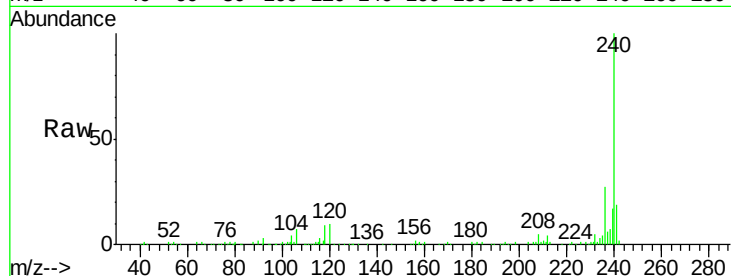
Tot Ion:240 Resp: 184270

Ion Ratio Lower Upper

240 100

120 9.7 5.8 8.8#

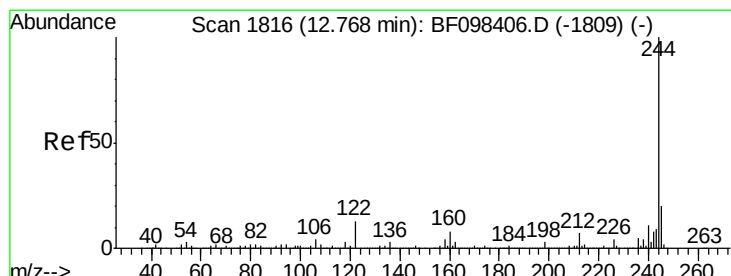
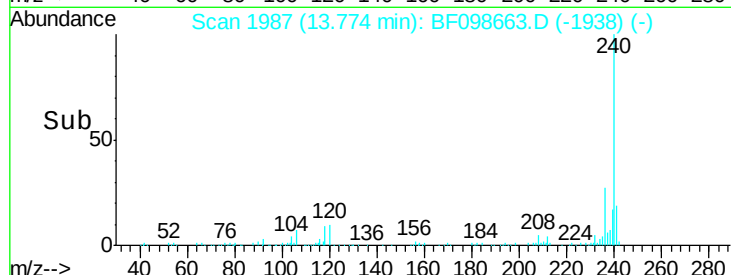
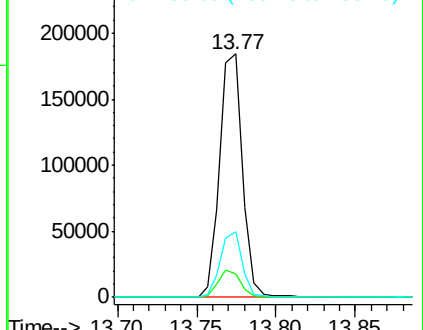
236 27.0 20.5 30.7



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



#78

Terphenyl-d14

Concen: 62.54 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF098663.D

Acq: 20 Sep 2017 16:40

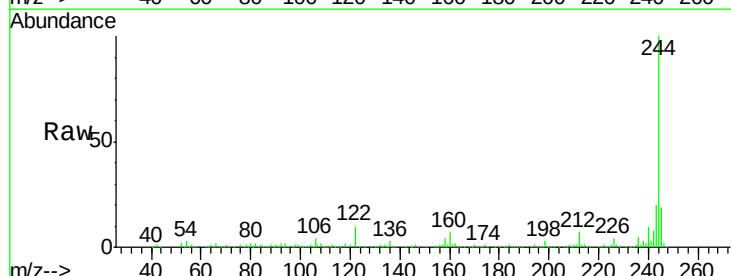
Tgt Ion:244 Resp: 533882

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

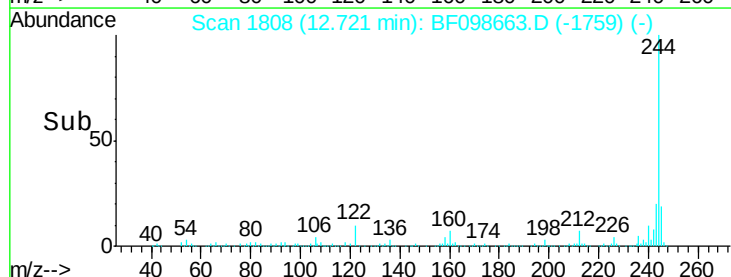
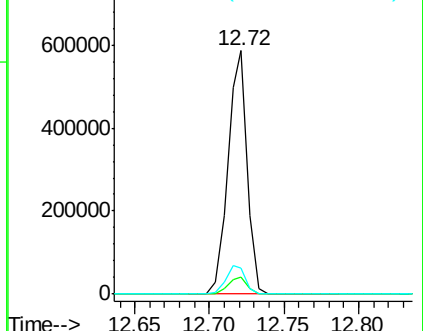
122 10.5 10.3 15.5

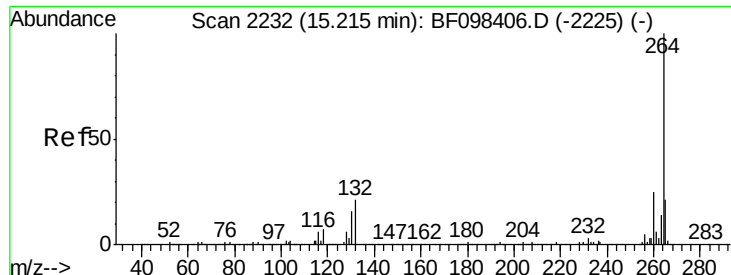


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

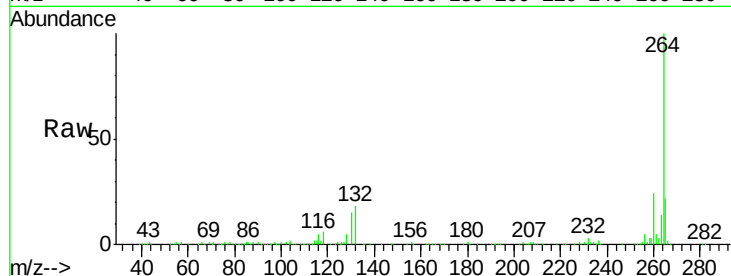




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF098663.D
 Acq: 20 Sep 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

