

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098849.D
 Acq On : 26 Sep 2017 23:09
 Operator : SJ/JU
 Sample : I5427-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:50:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

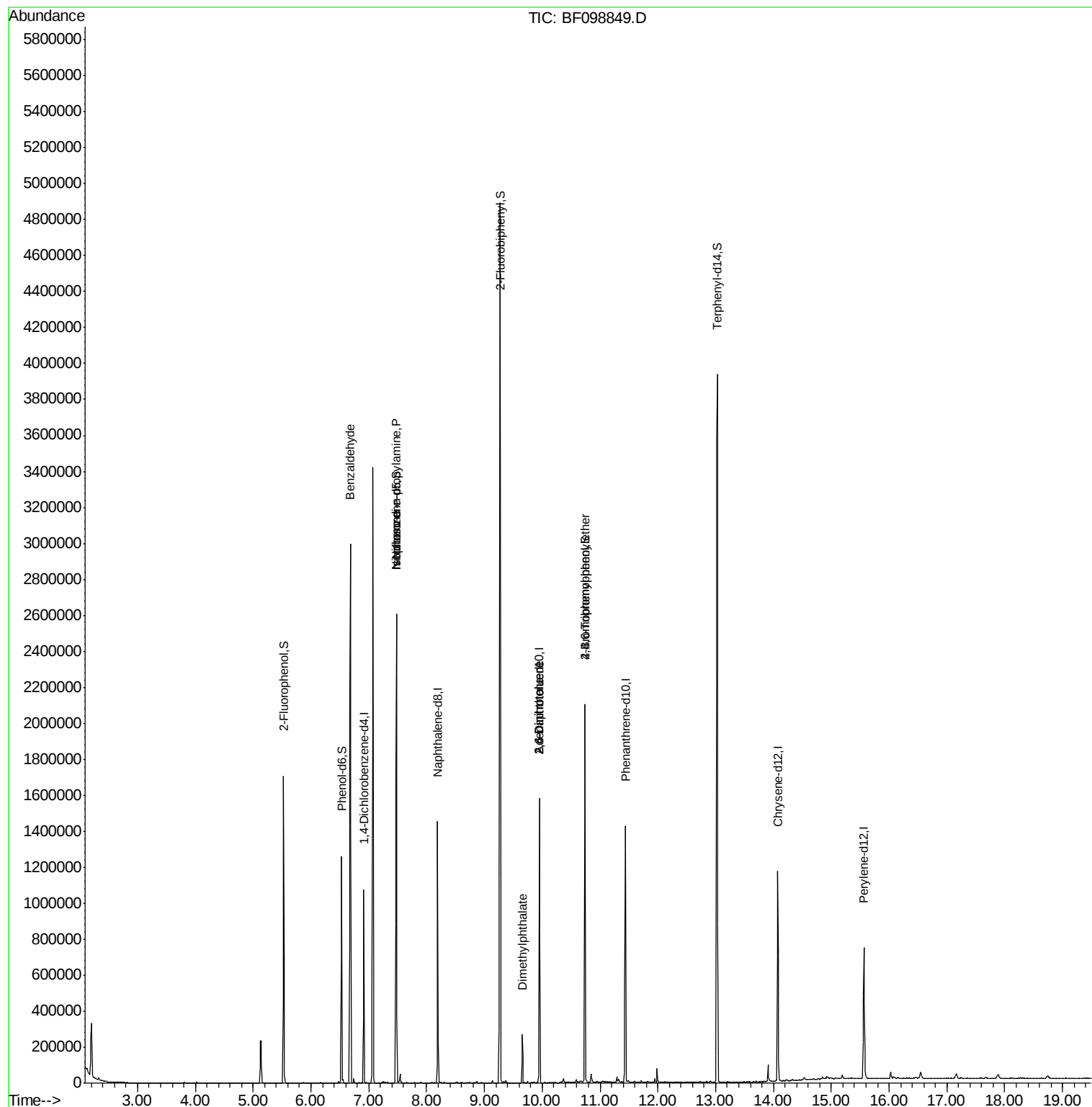
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	153394	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	647561	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	288107	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	489713	20.00	ng	0.00
75) Chrysene-d12	14.07	240	349093	20.00	ng	-0.01
86) Perylene-d12	15.57	264	327525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	442958	45.97	ng	-0.01
7) Phenol-d6	6.53	99	355917	29.94	ng	-0.02
23) Nitrobenzene-d5	7.48	82	1016095	100.63	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	228359	96.87	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1768731	102.49	ng	0.00
78) Terphenyl-d14	13.03	244	1336165	87.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	16308	2.37	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.48	70	132617	17.47	ng	# 76
25) Isophorone	7.48	82	1014029	48.57	ng	# 64
49) Dimethylphthalate	9.66	163	94656	4.35	ng	99
50) 2,6-Dinitrotoluene	9.95	165	37020	7.82	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	37020	6.03	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	15630	3.26	ng	# 1

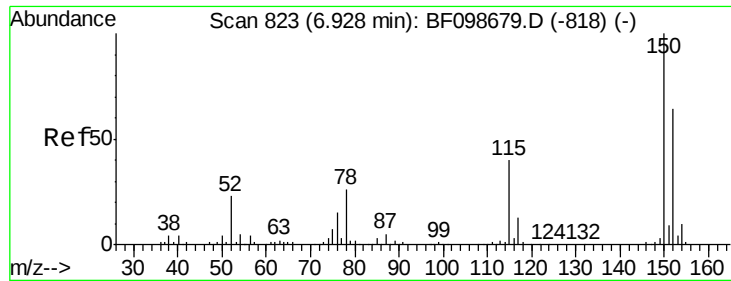
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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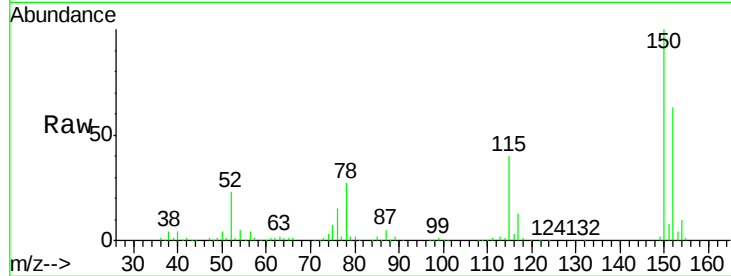


#1

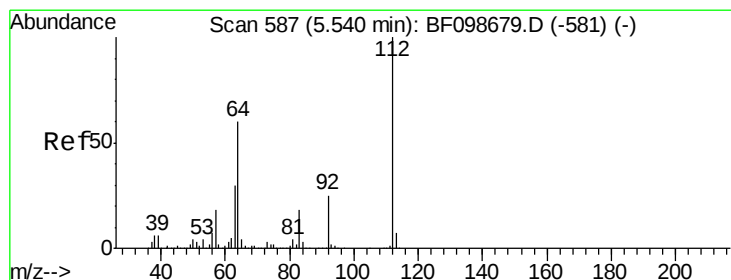
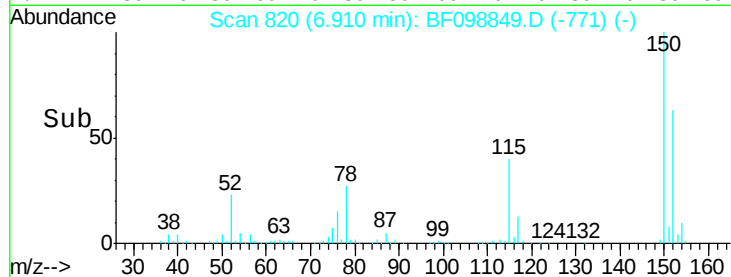
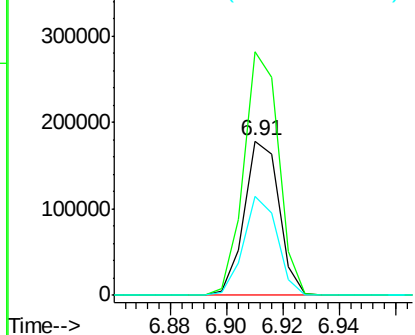
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098849.D
Acq: 26 Sep 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153394
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 63.9 50.1 75.1



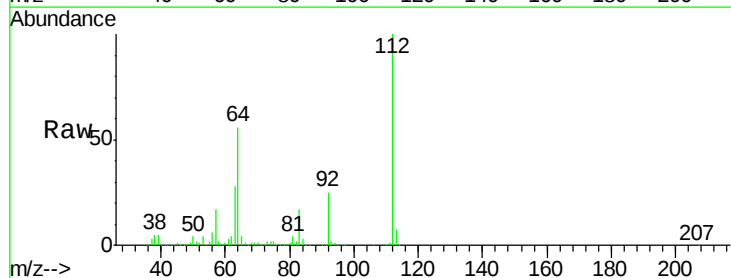
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



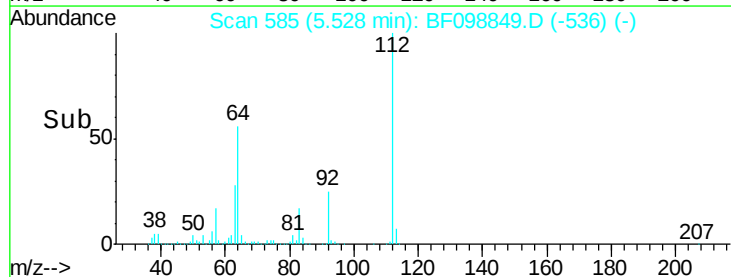
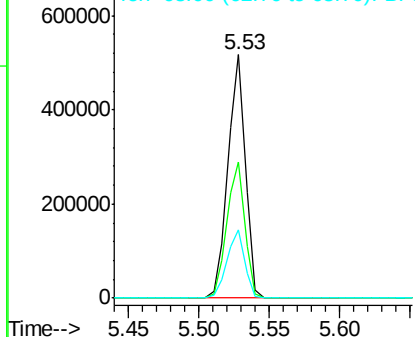
#5

2-Fluorophenol
Concen: 45.97 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098849.D
Acq: 26 Sep 2017 23:09

Tgt Ion:112 Resp: 442958
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.1 23.7 35.5



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: 29.94 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

Instrument :

BNA_F

ClientSampleId :

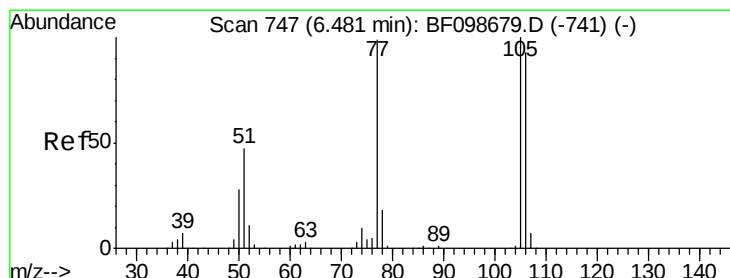
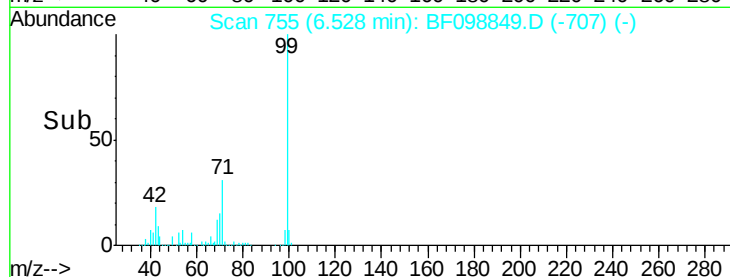
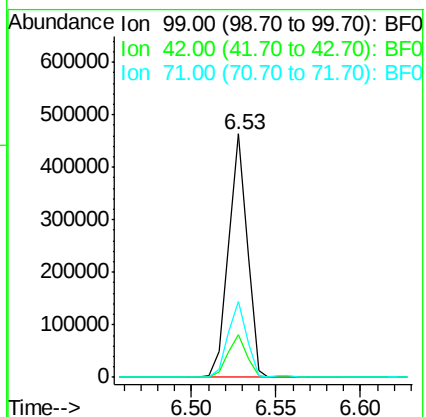
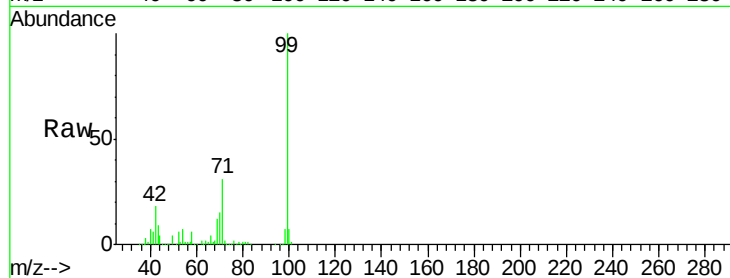
Tot Ion: 99 Resp: 355917

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 31.2 25.4 38.0



#9

Benzaldehyde

Concen: 2.37 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

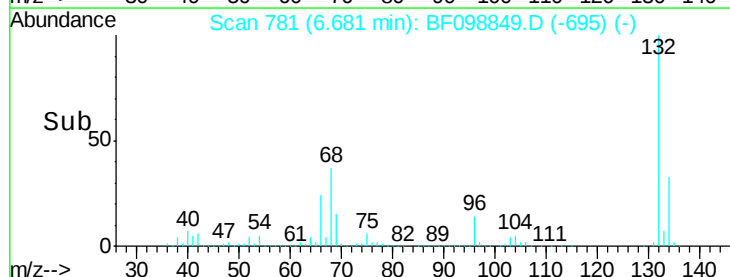
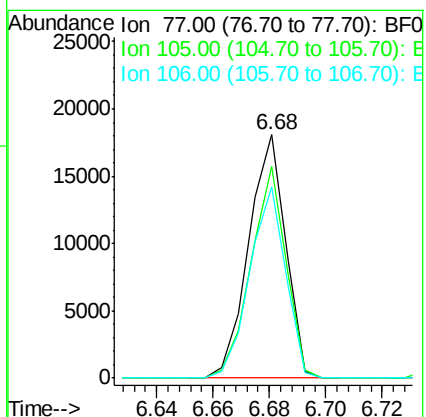
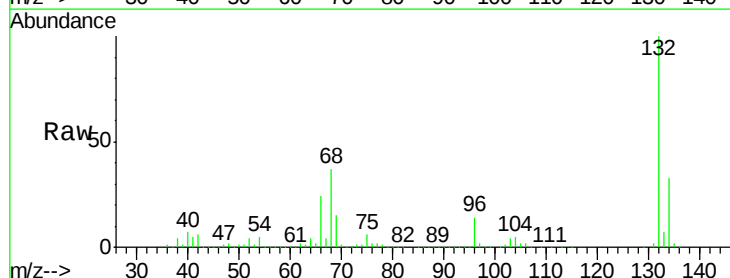
Tgt Ion: 77 Resp: 16308

Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

106 78.3 74.5 114.5

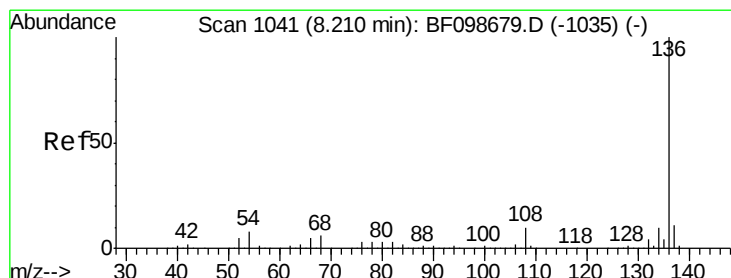
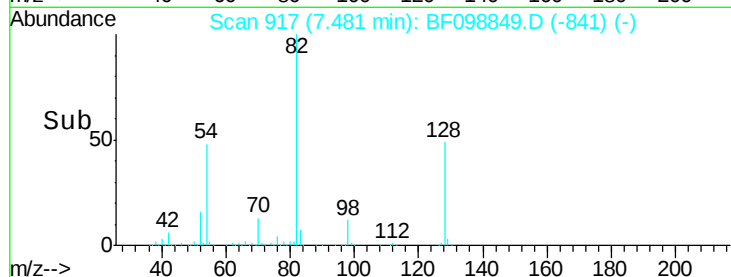
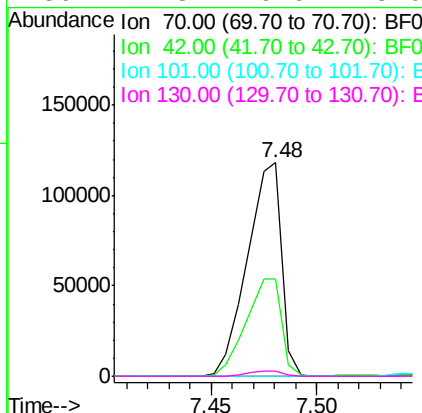
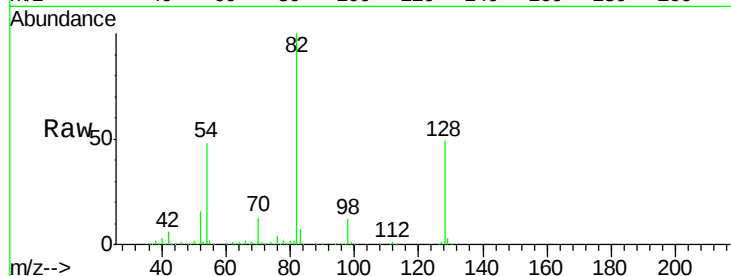




#19
n-Nitroso-di-n-propylamine
Concen: 17.47 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098849.D
Acq: 26 Sep 2017 23:09

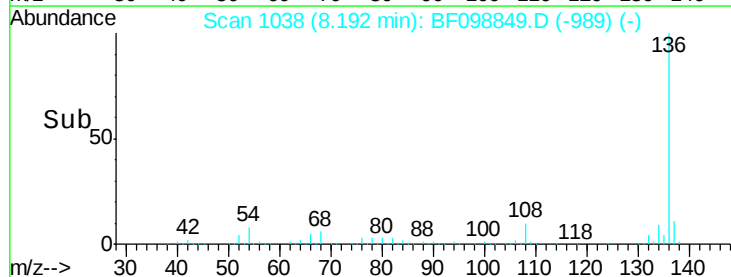
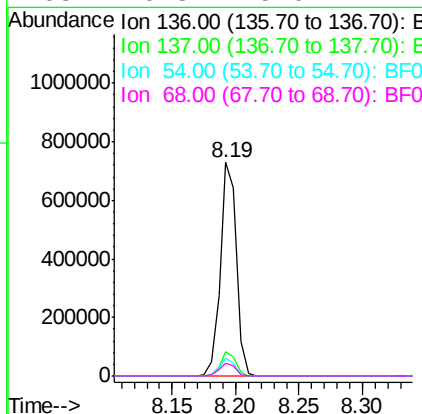
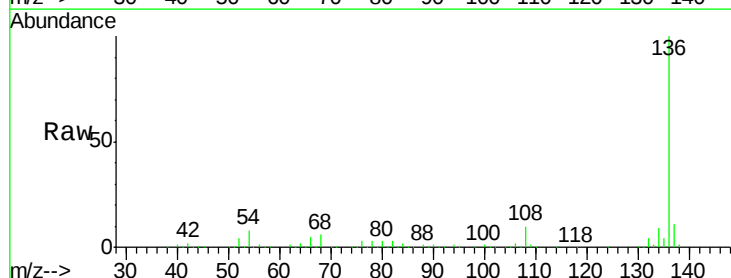
Instrument :
BNA_F
ClientSampleId :

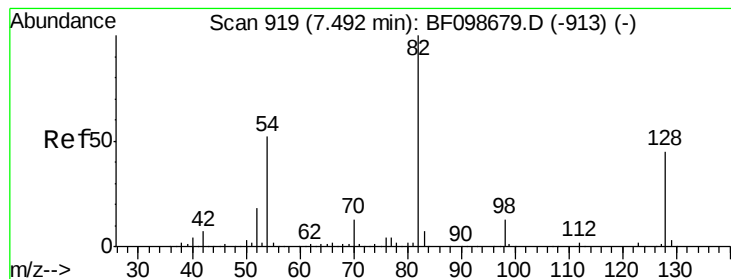
Tot Ion: 70 Resp: 132617
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098849.D
Acq: 26 Sep 2017 23:09

Tgt Ion: 136 Resp: 647561
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.63 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

Instrument :

BNA_F

ClientSampleId :

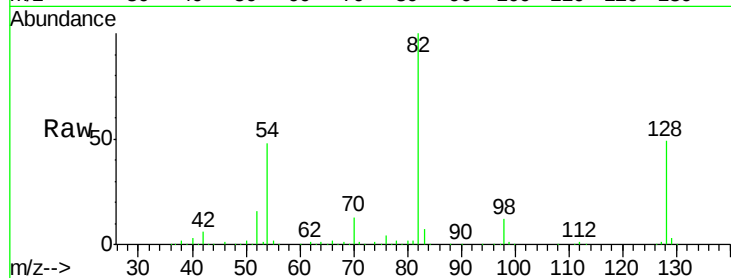
Tot Ion: 82 Resp: 1016095

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

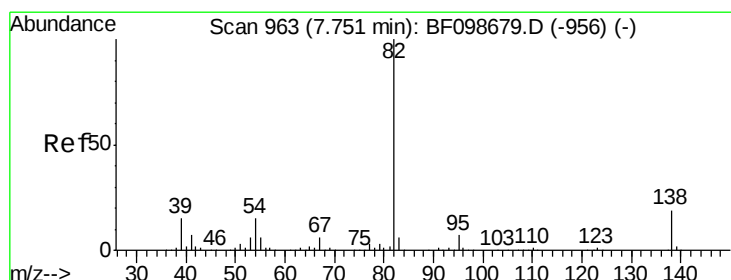
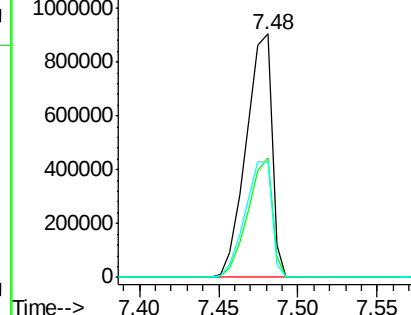
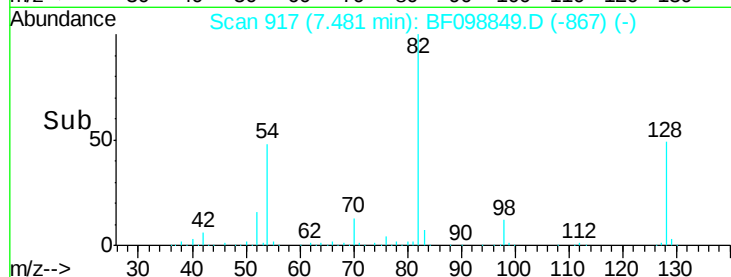
54 47.6 41.4 62.2



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: 48.57 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

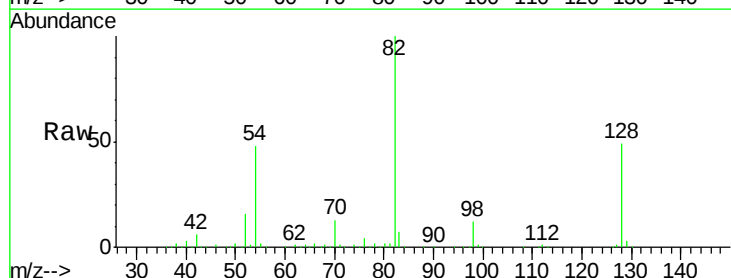
Tgt Ion: 82 Resp: 1014029

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

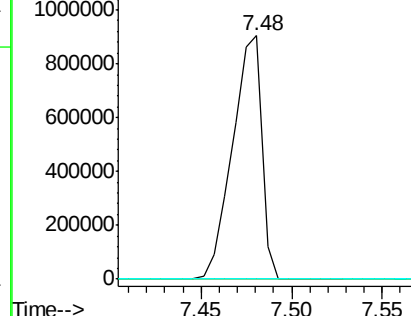
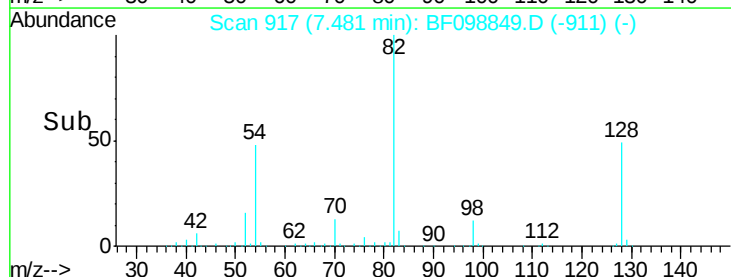
138 0.0 14.9 22.3#

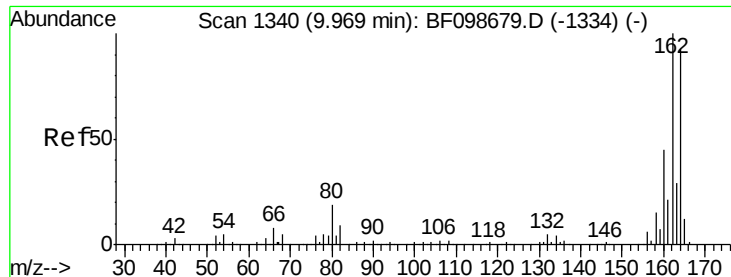


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

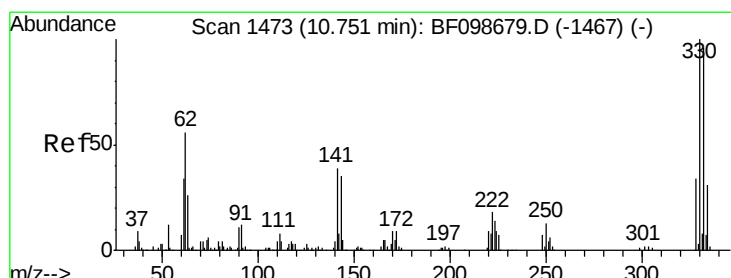
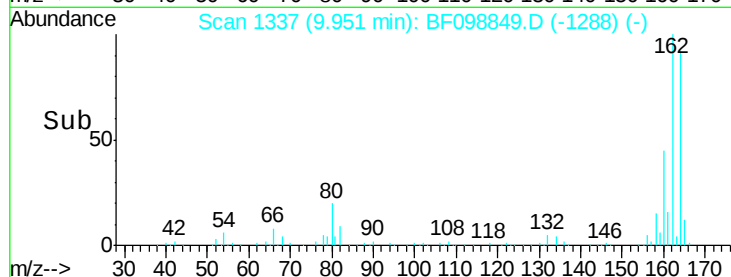
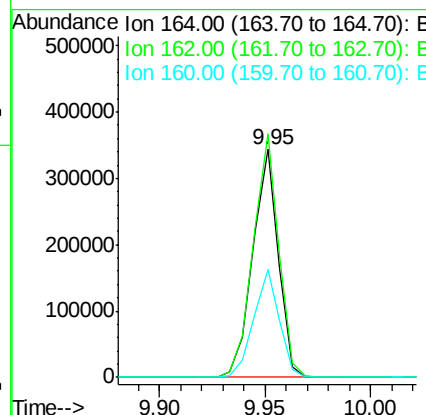
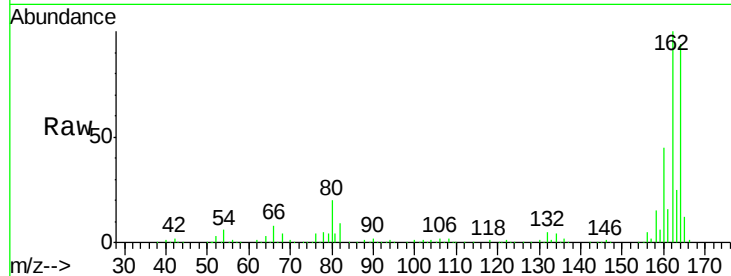




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

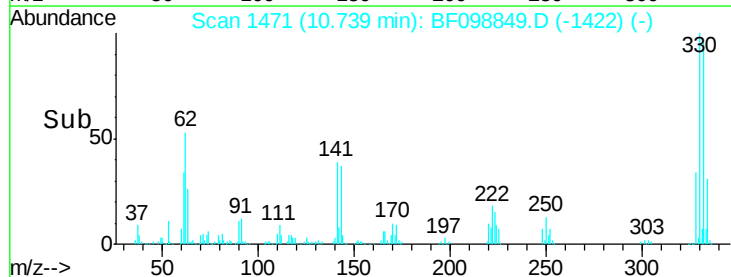
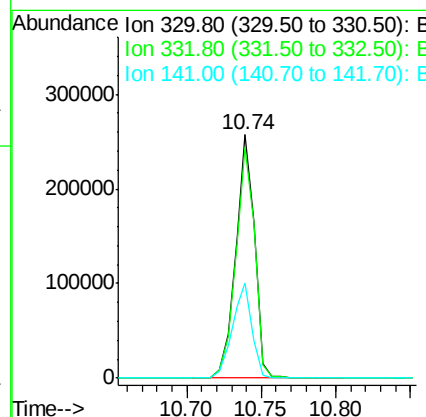
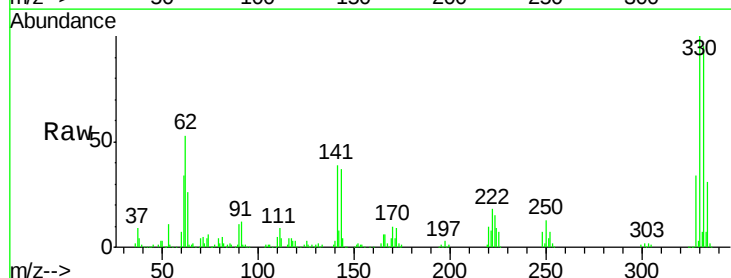
Instrument :
 BNA_F
 ClientSampleId :

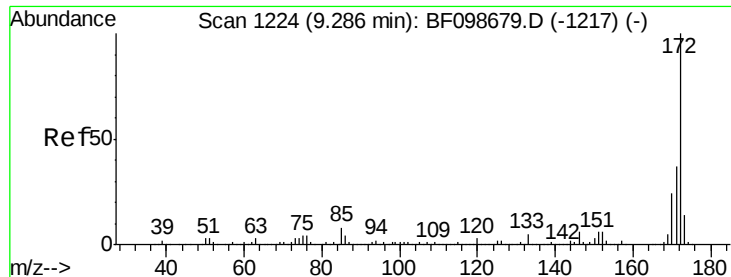
Tot Ion:164 Resp: 288107
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.1 129.1
 160 47.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.87 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Tgt Ion:330 Resp: 228359
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 41.0 29.9 44.9



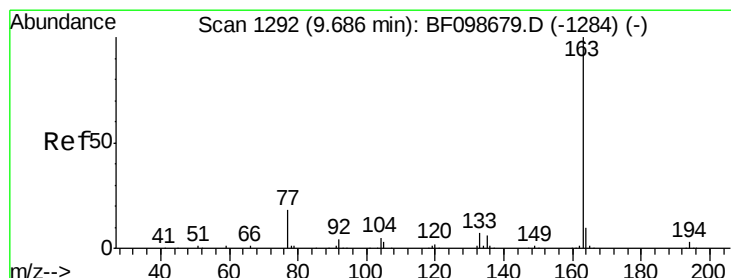
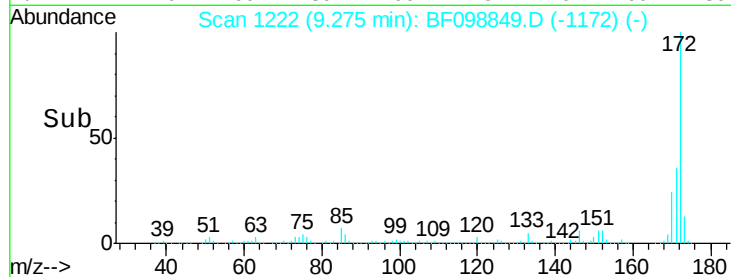
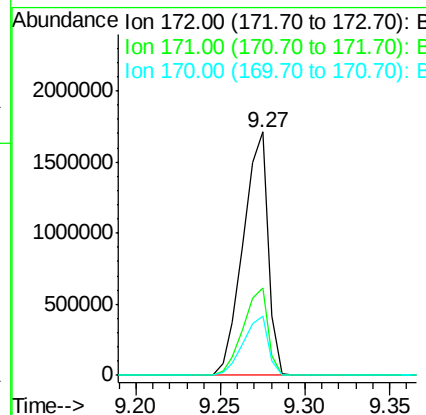
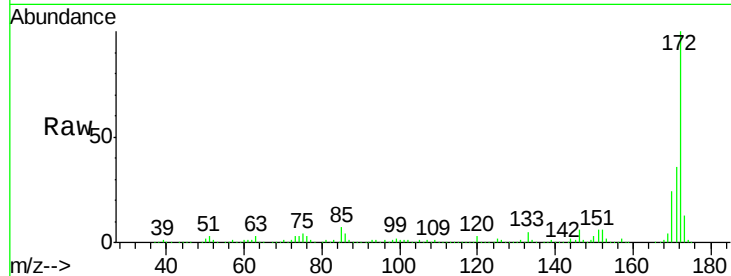


#44
 2-Fluorobiphenyl
 Concen: 102.49 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1768731

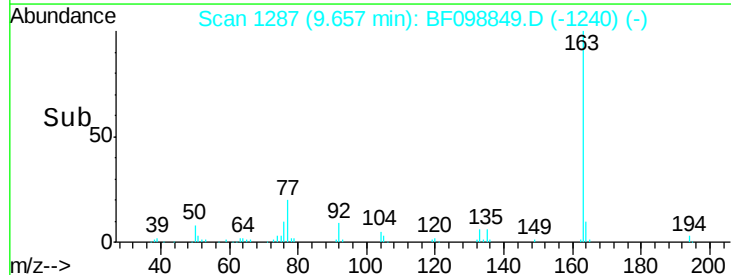
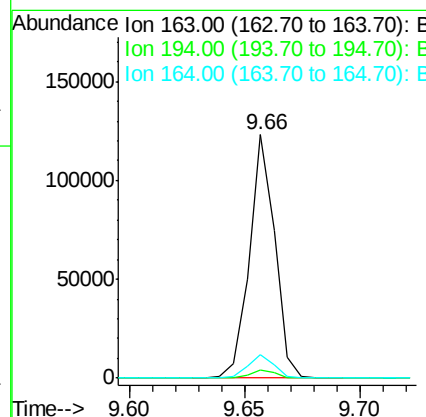
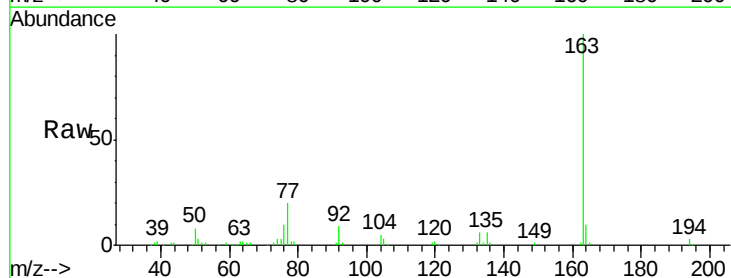
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

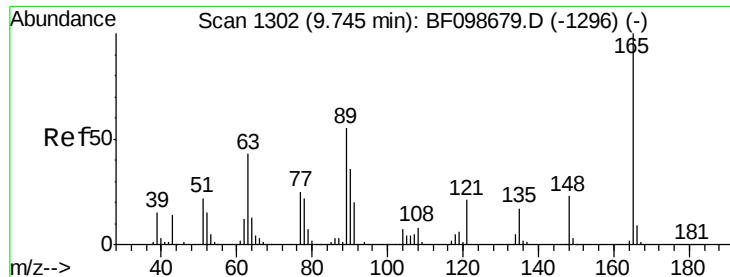


#49
 Dimethylphthalate
 Concen: 4.35 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Tgt Ion:163 Resp: 94656

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

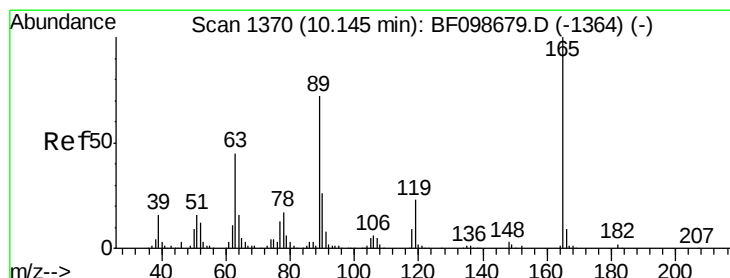
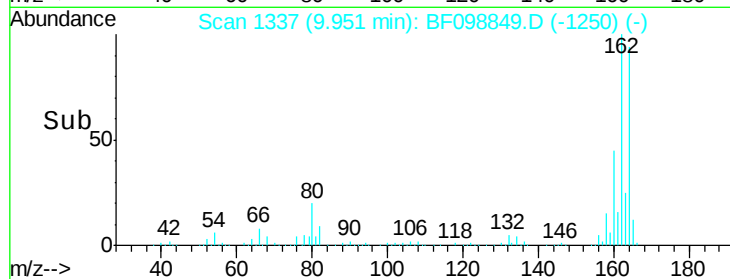
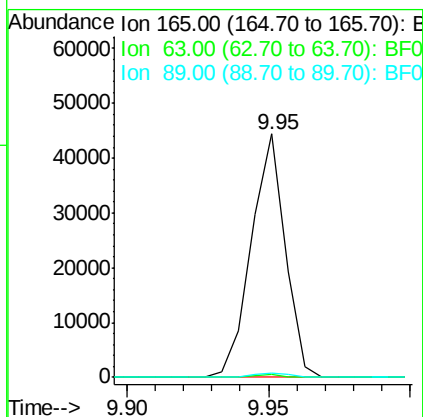
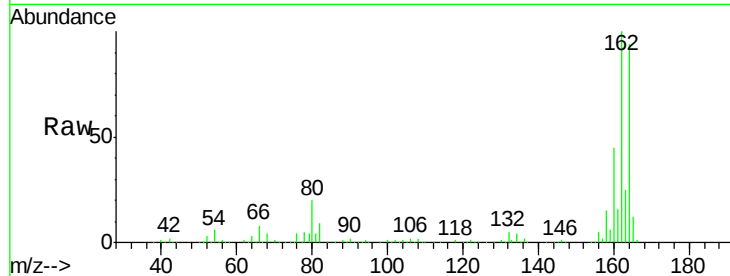




#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

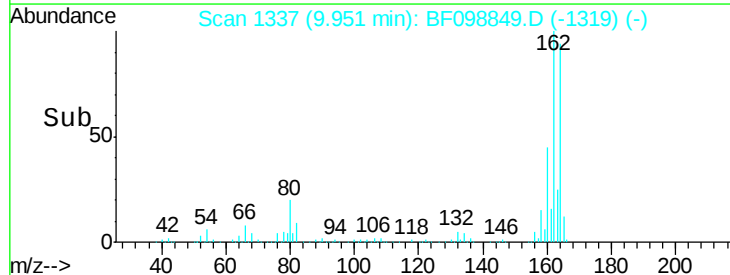
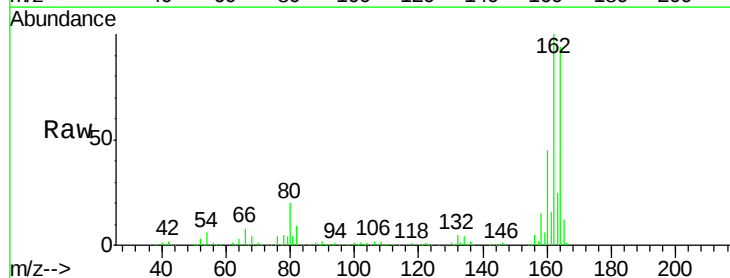
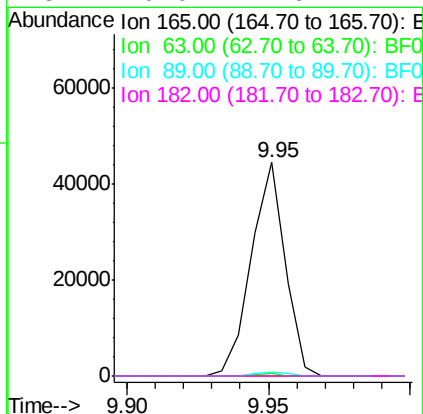
Instrument :
 BNA_F
 ClientSampleId :

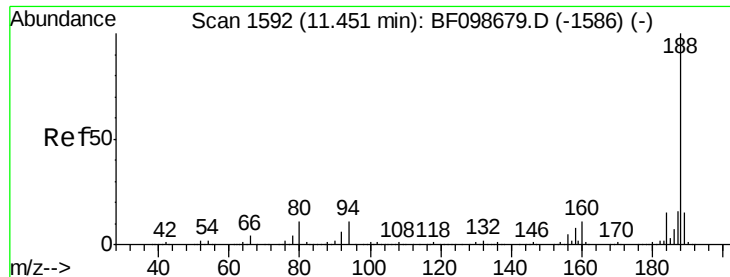
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

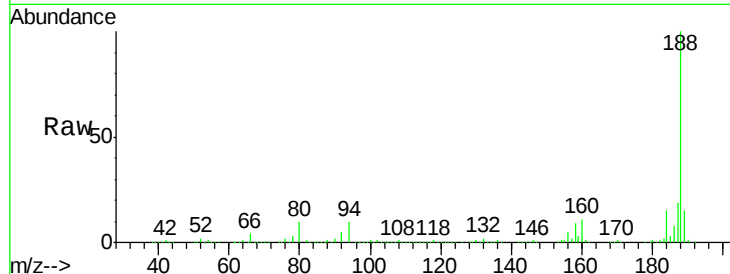




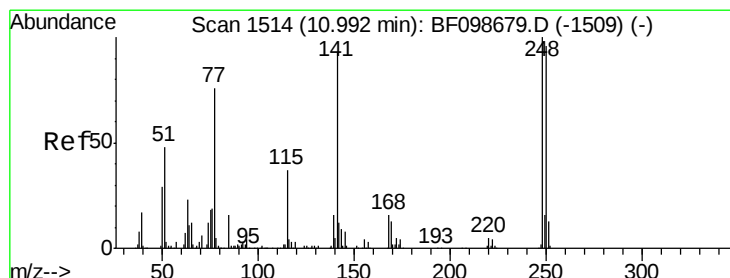
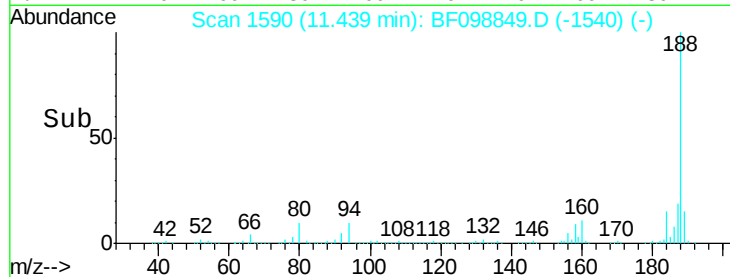
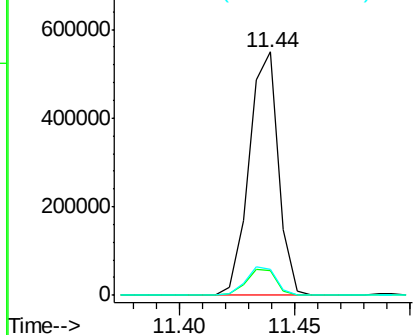
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 489713
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.5 9.2 13.8

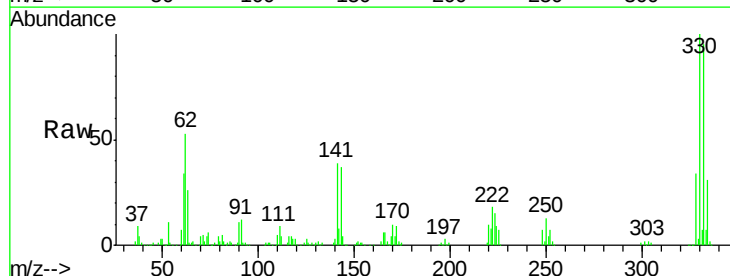


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

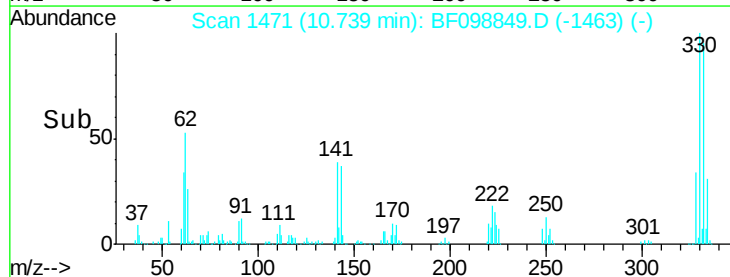
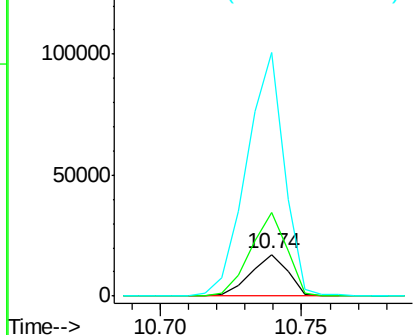


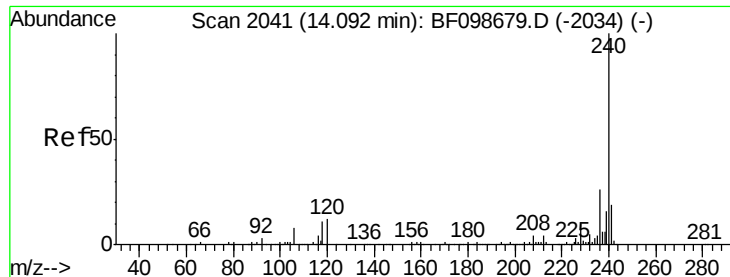
#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098849.D
 Acq: 26 Sep 2017 23:09

Tgt Ion:248 Resp: 15630
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 582.6 74.4 111.6#



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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

Instrument :

BNA_F

ClientSampleId :

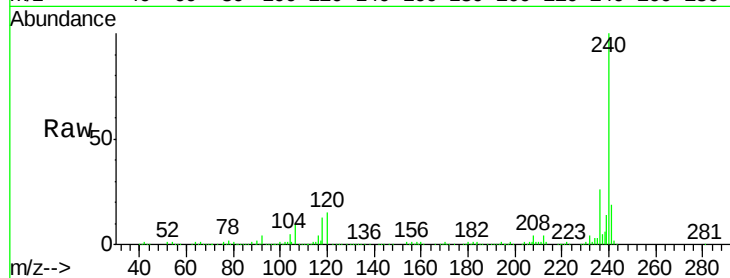
Tot Ion:240 Resp: 349093

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

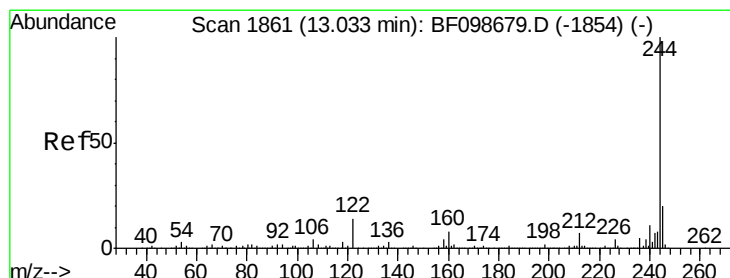
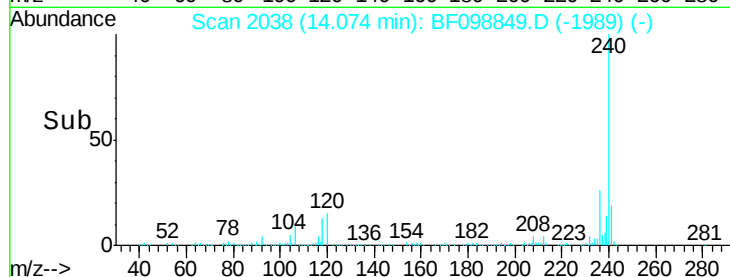
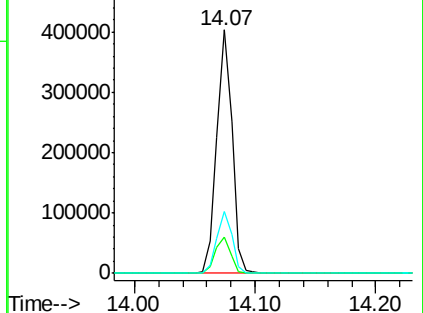
236 25.5 20.7 31.1



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: 87.05 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098849.D

Acq: 26 Sep 2017 23:09

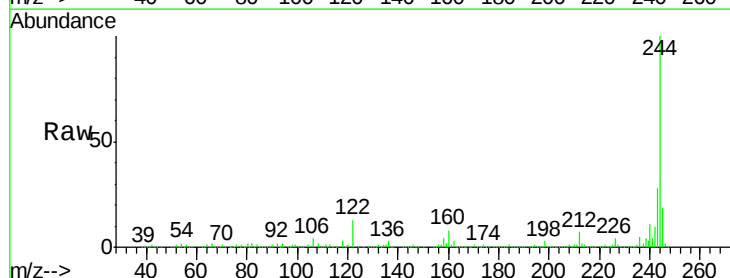
Tgt Ion:244 Resp: 1336165

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

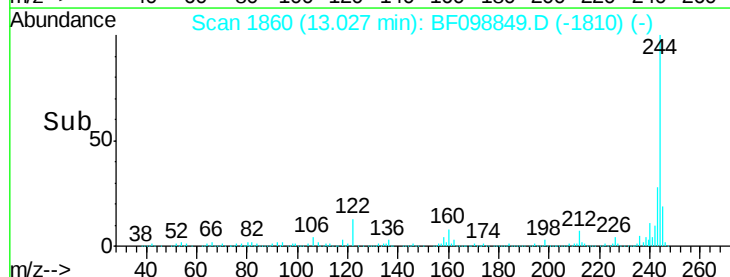
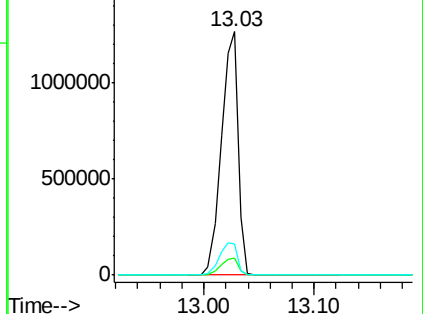
122 12.7 11.0 16.4

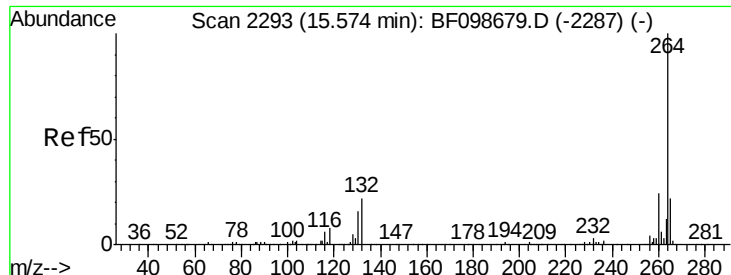


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

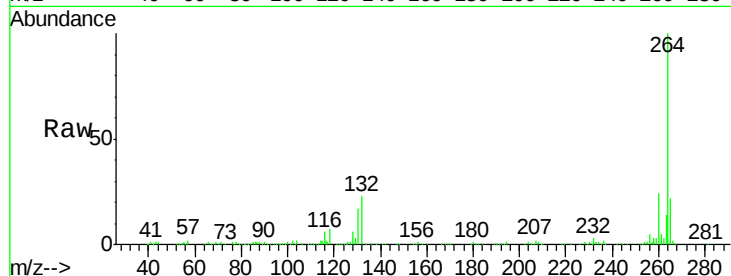




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098849.D
Acq: 26 Sep 2017 23:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3



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

