

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099508.D
 Acq On : 15 Oct 2017 12:36
 Operator : SJ/JU
 Sample : PB103252BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:03:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

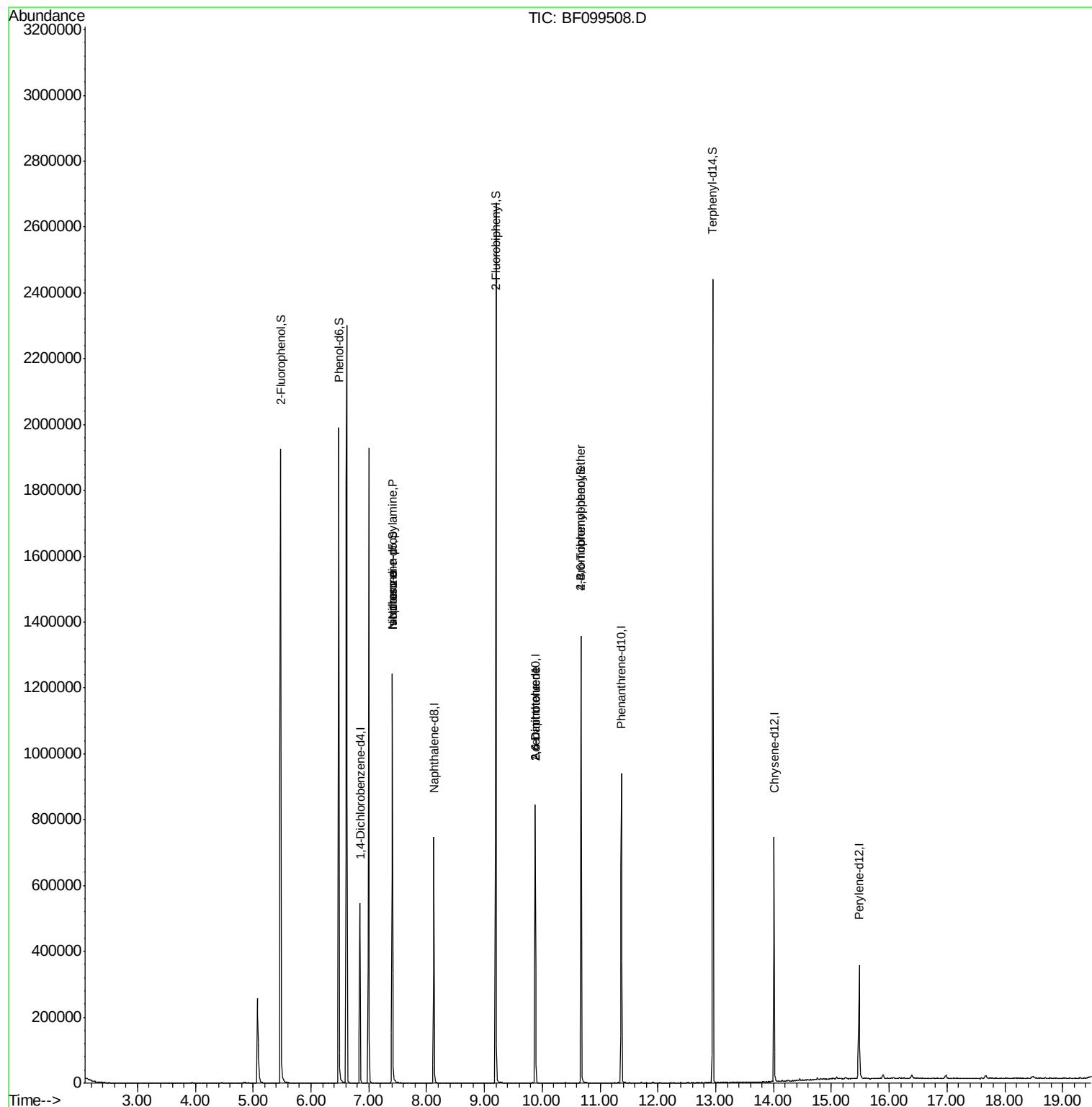
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87471	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	366865	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	166345	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	308059	20.00	ng	0.00
75) Chrysene-d12	14.01	240	226817	20.00	ng	0.00
86) Perylene-d12	15.48	264	158594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	635957	115.74	ng	0.00
7) Phenol-d6	6.48	99	751828	110.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	450534	78.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	159691	117.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	871087	87.42	ng	-0.01
78) Terphenyl-d14	12.95	244	799020	80.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	57194	13.22	ng	# 74
25) Isophorone	7.41	82	450528	38.09	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	20620	7.54	ng	# 25
56) 2,4-Dinitrotoluene	9.88	165	20620	5.81	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	11202	3.71	ng	# 1

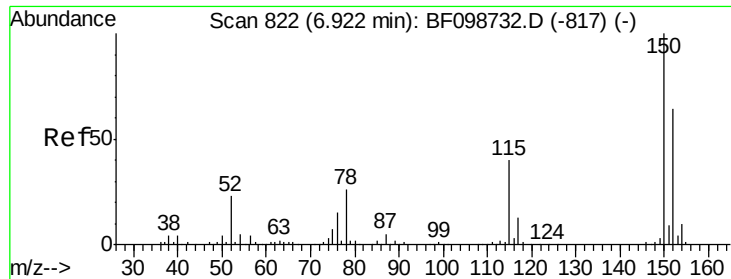
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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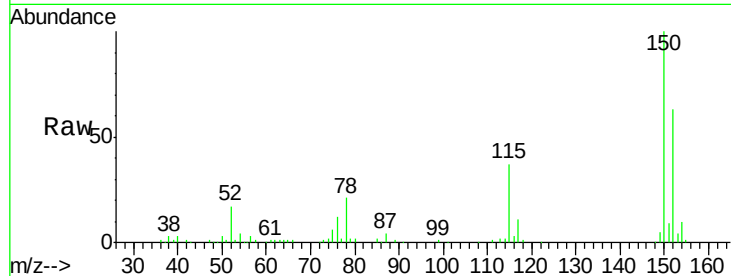


#1

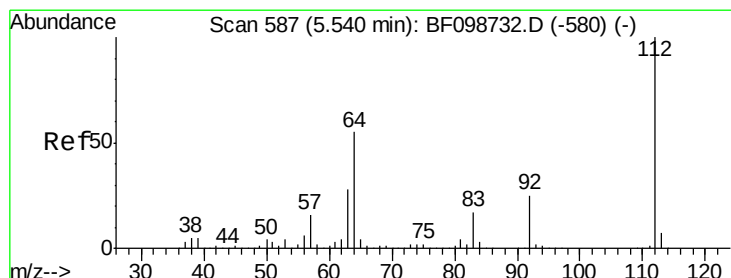
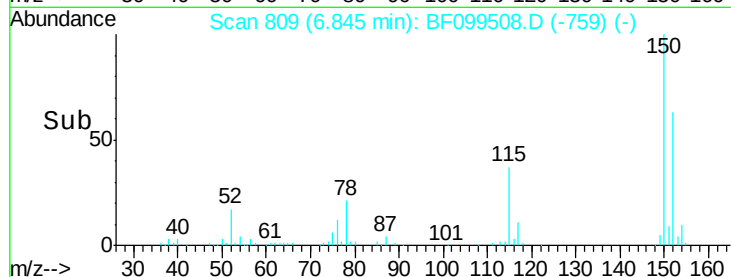
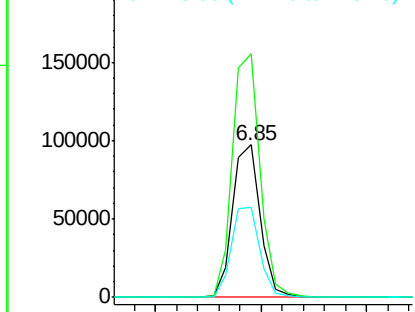
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099508.D
Acq: 15 Oct 2017 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87471
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.7 50.1 75.1



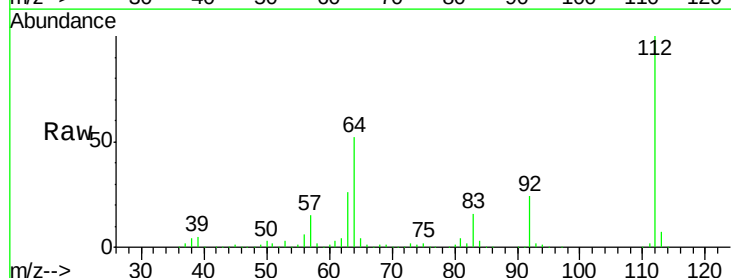
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



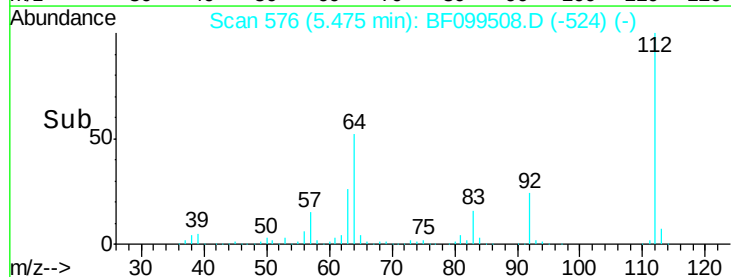
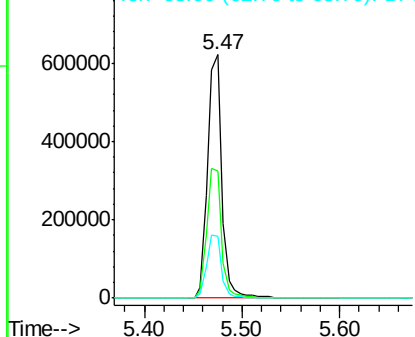
#5

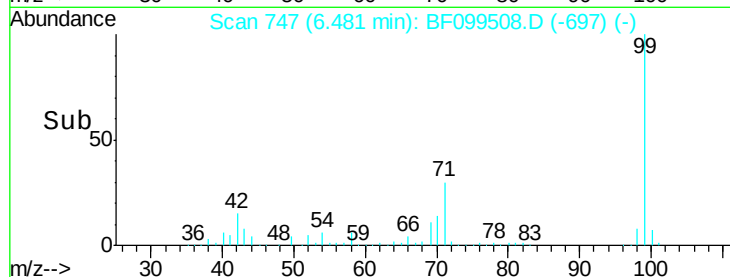
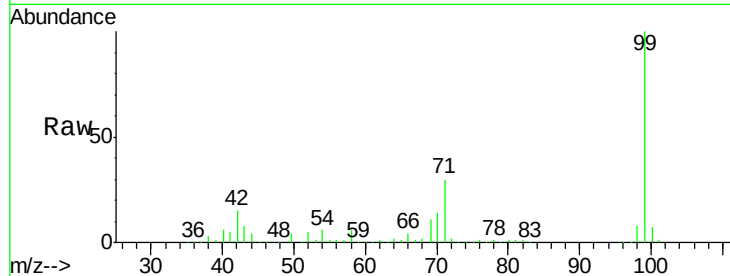
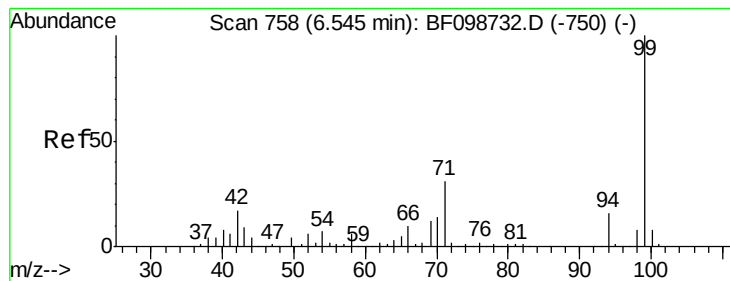
2-Fluorophenol
Concen: 115.74 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099508.D
Acq: 15 Oct 2017 12:36

Tgt Ion:112 Resp: 635957
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 25.5 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: 110.92 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

Instrument :

BNA_F

ClientSampled :

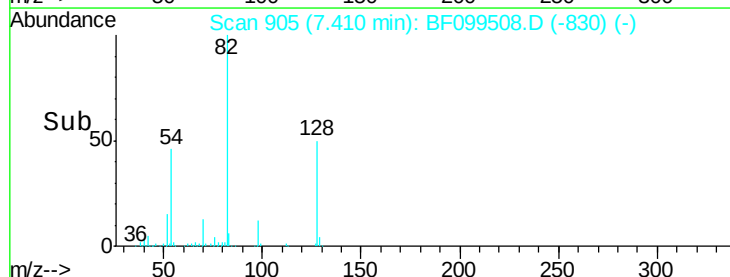
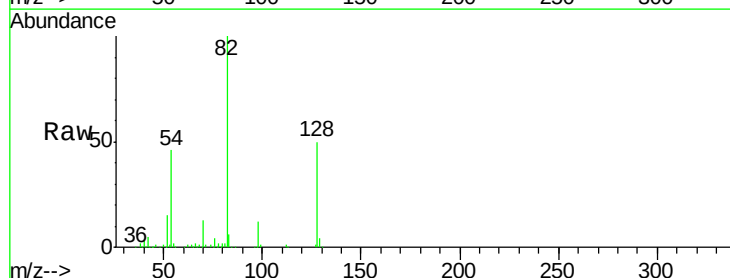
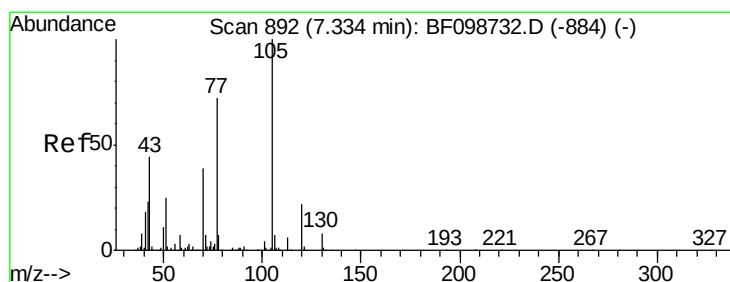
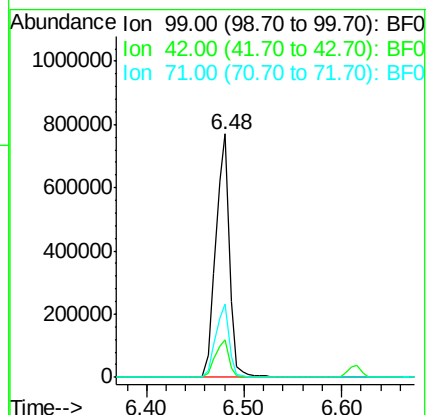
Tot Ion: 99 Resp: 751828

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 30.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.22 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

Tgt Ion: 70 Resp: 57194

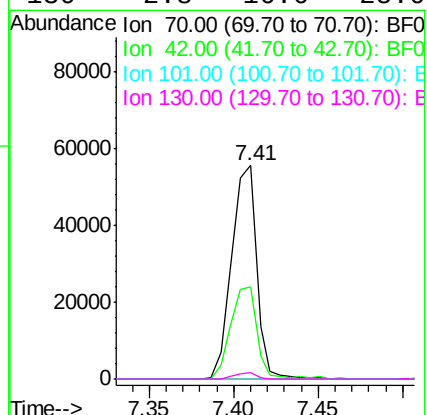
Ion Ratio Lower Upper

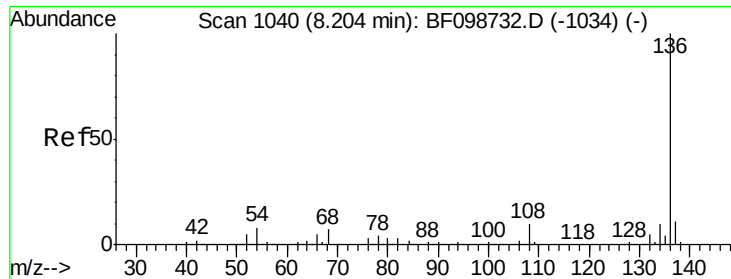
70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

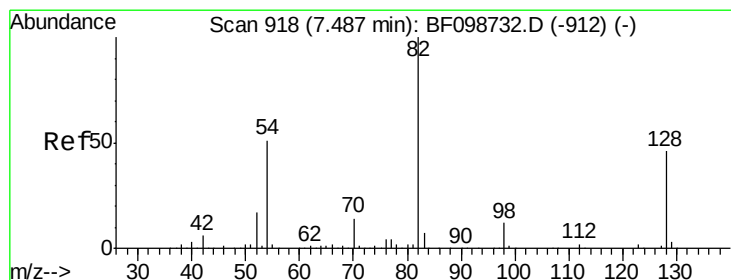
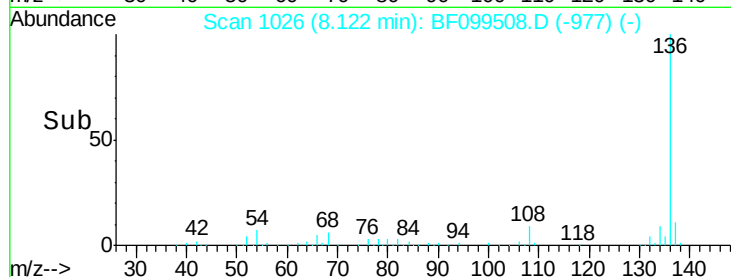
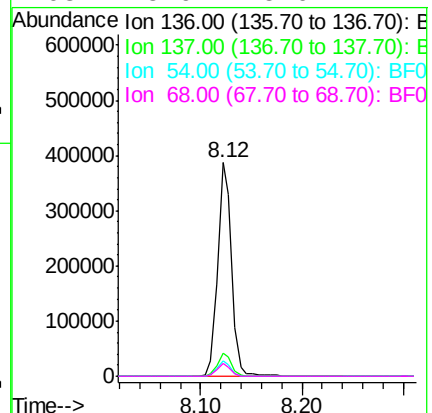
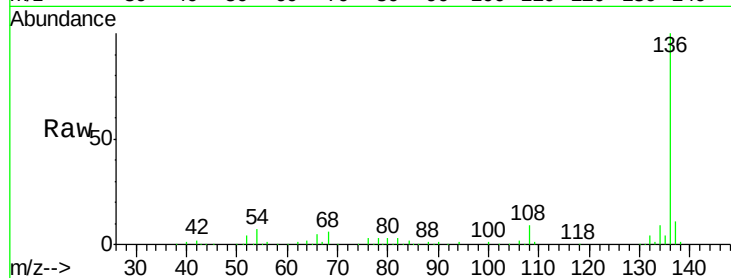




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099508.D
Acq: 15 Oct 2017 12:36

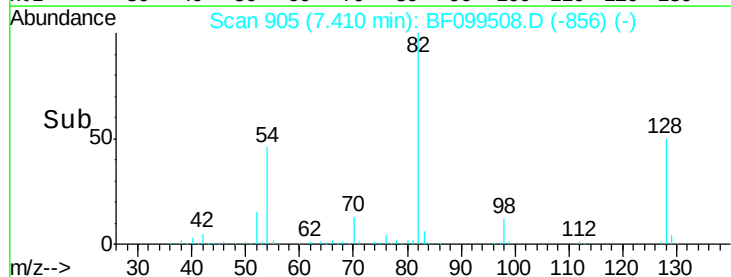
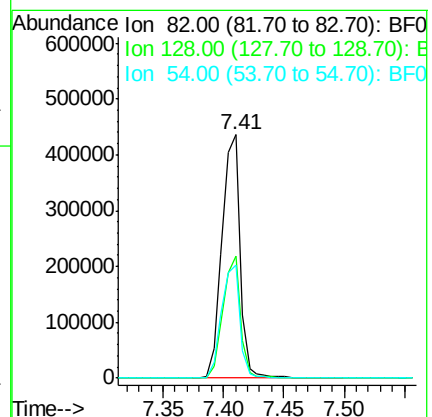
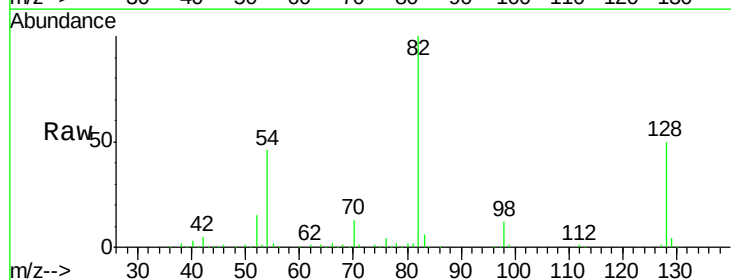
Instrument :
BNA_F
ClientSampled :

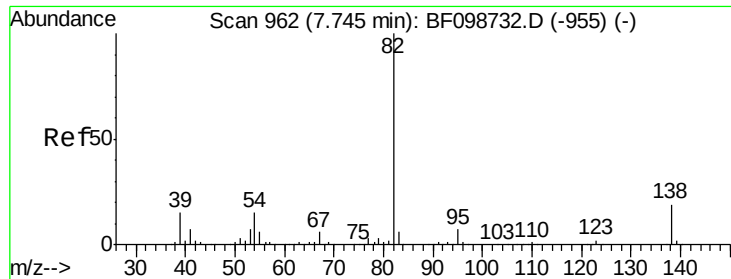
Tot Ion:136	Resp:	366865
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.3	6.6 9.8
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.76 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099508.D
Acq: 15 Oct 2017 12:36

Tgt Ion: 82	Resp:	450534
Ion Ratio	Lower	Upper
82	100	
128	50.1	36.1 54.1
54	46.4	41.4 62.2





#25

Isophorone

Concen: 38.09 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

Instrument :

BNA_F

ClientSampled :

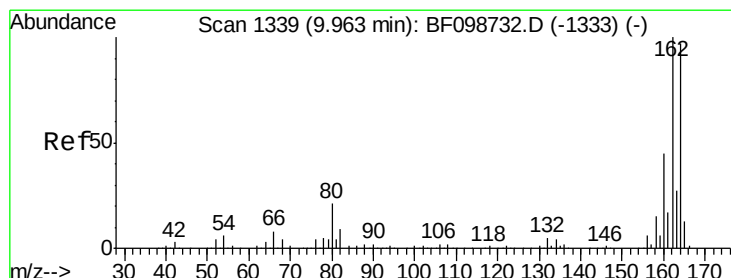
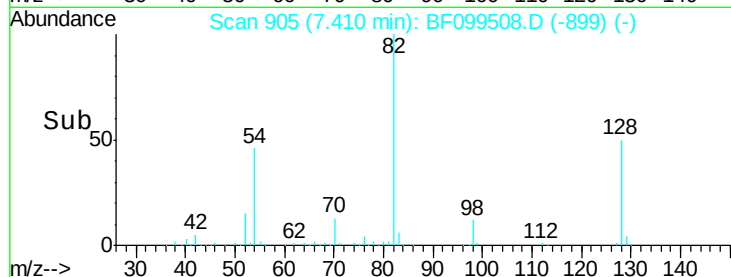
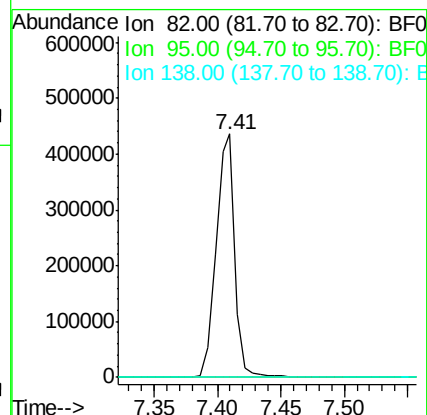
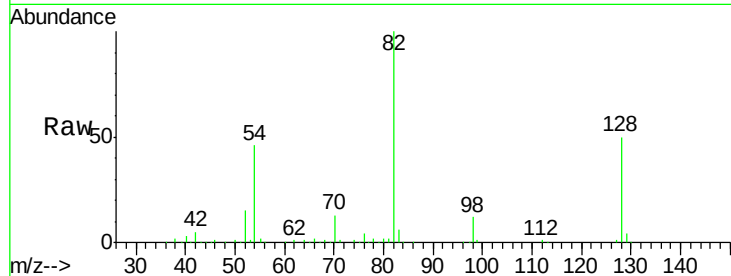
Tot Ion: 82 Resp: 450528

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

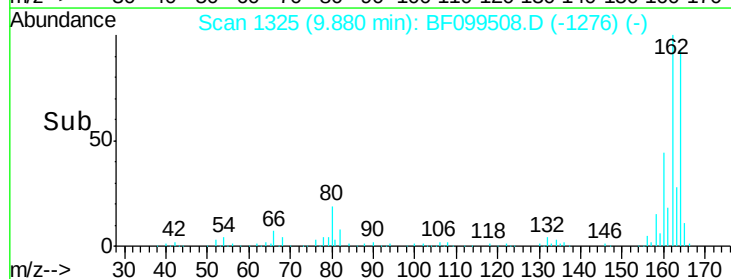
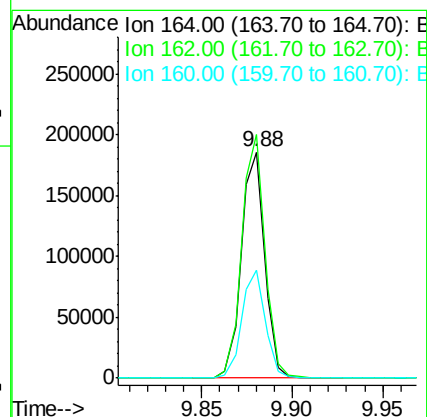
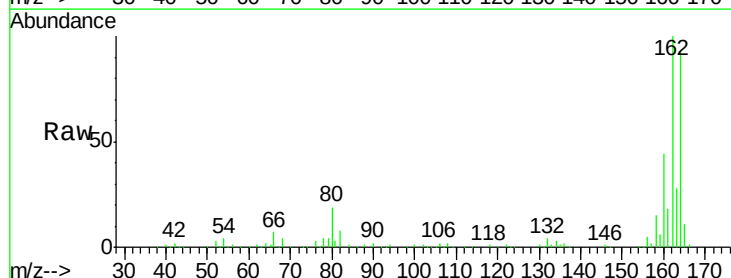
Tgt Ion: 164 Resp: 166345

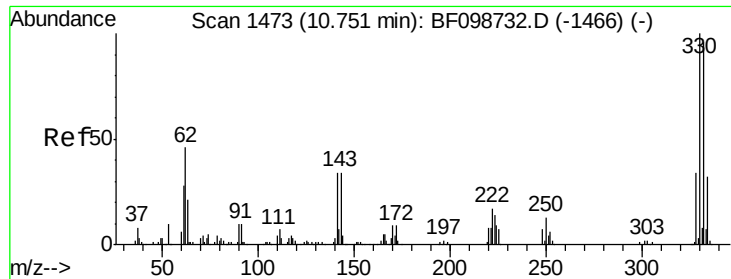
Ion Ratio Lower Upper

164 100

162 107.8 86.1 129.1

160 47.7 38.3 57.5

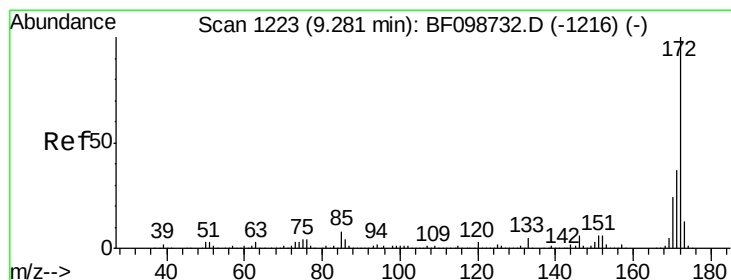
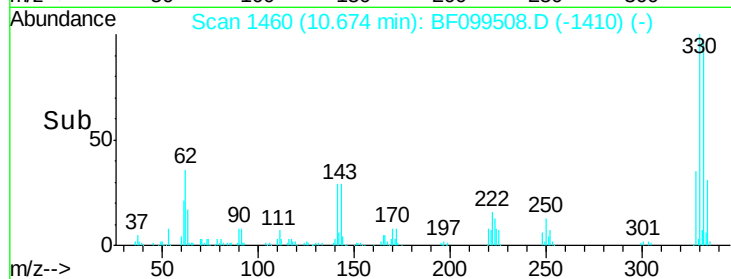
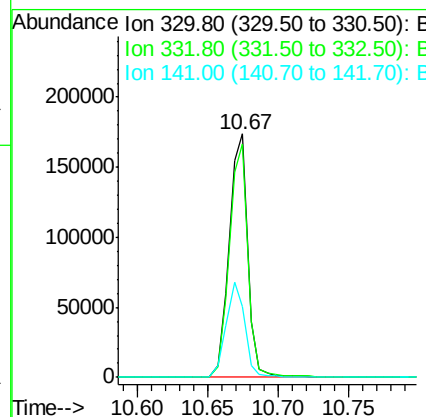
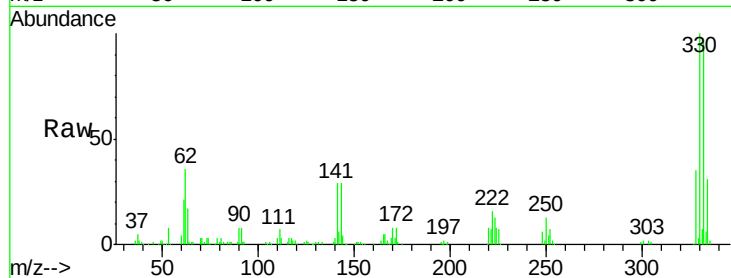




#41
 2,4,6-Tribromophenol
 Concen: 117.32 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

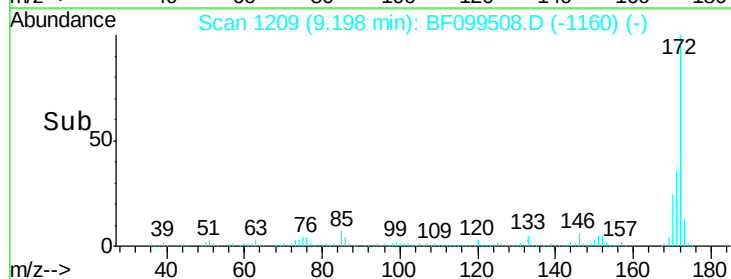
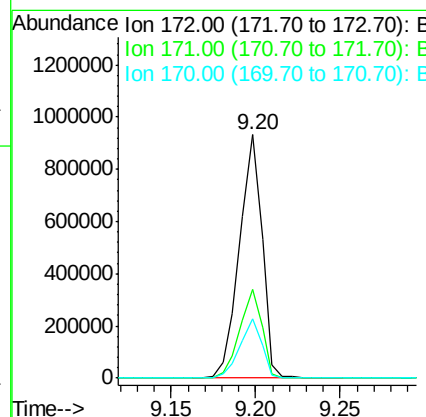
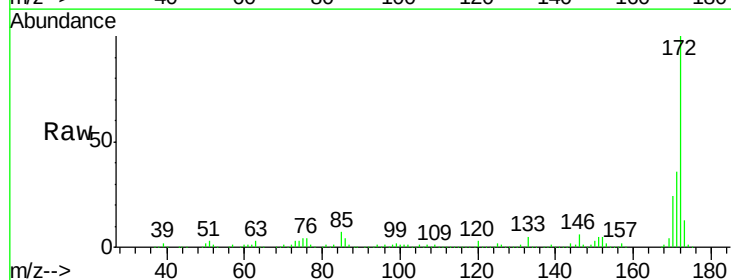
Instrument :
 BNA_F
 ClientSampleId :

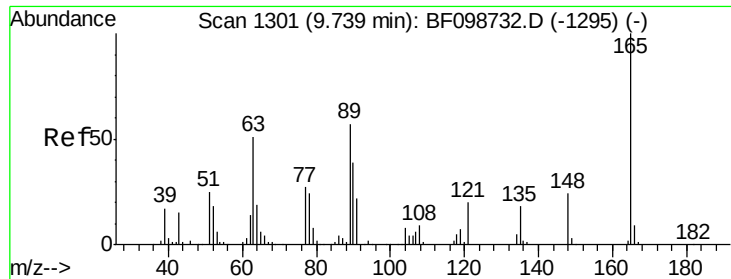
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.42 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

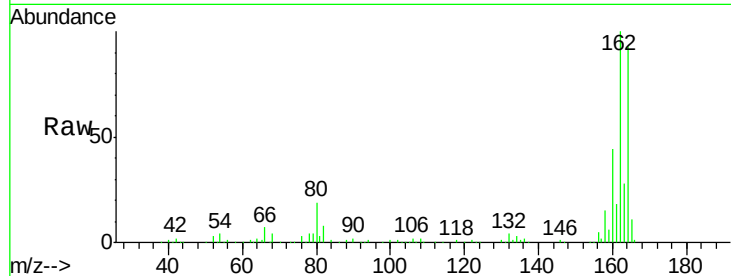




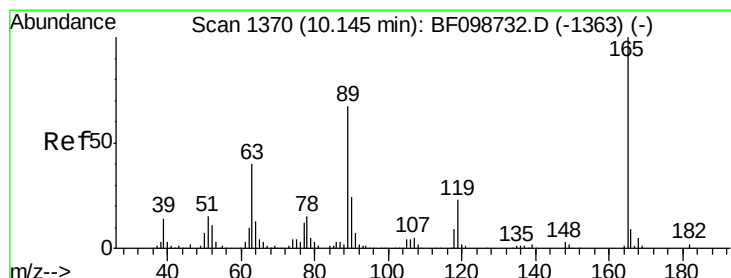
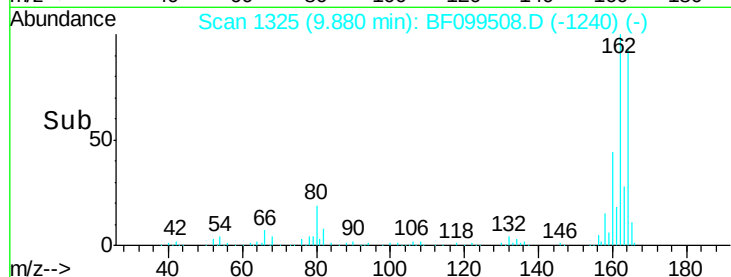
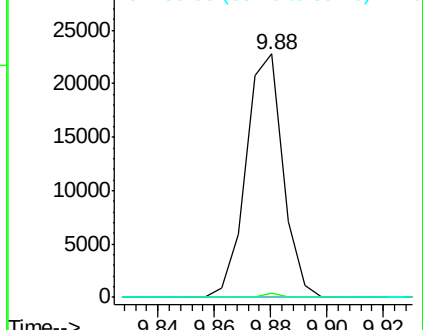
#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



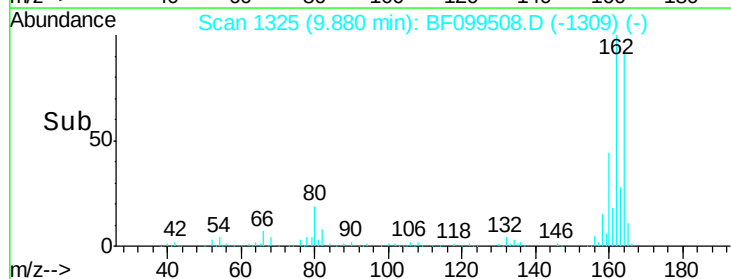
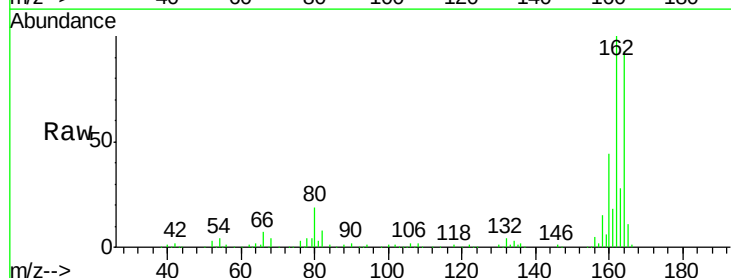
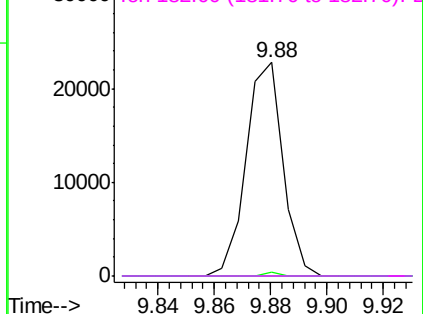
Abundance Ion 165.00 (164.70 to 165.70): E

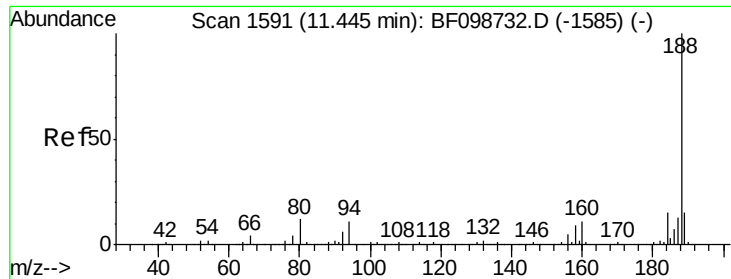


#56
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

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

Abundance Ion 165.00 (164.70 to 165.70): E

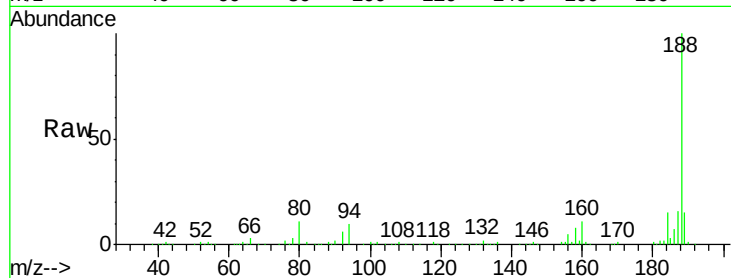




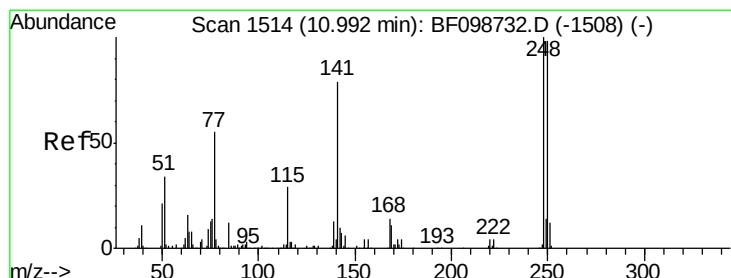
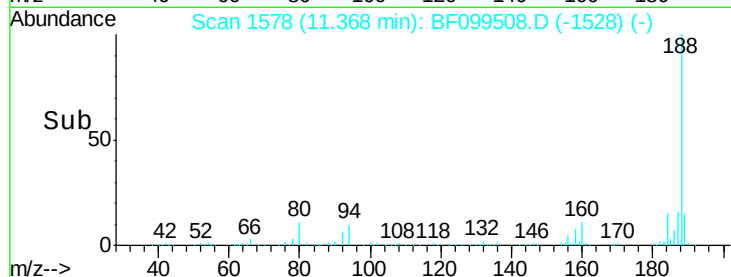
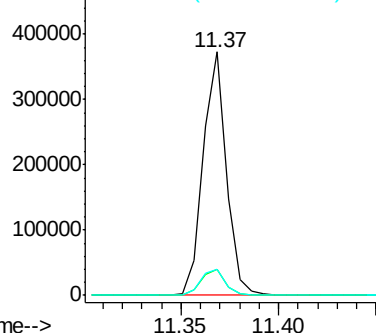
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 308059
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8

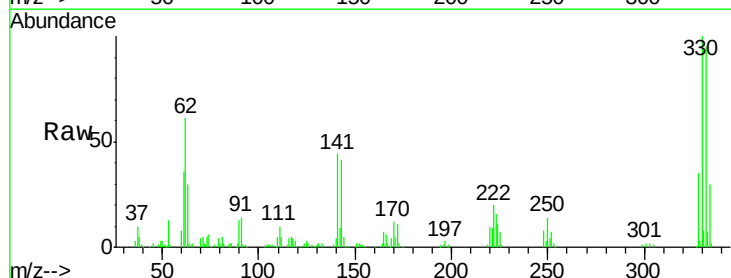


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

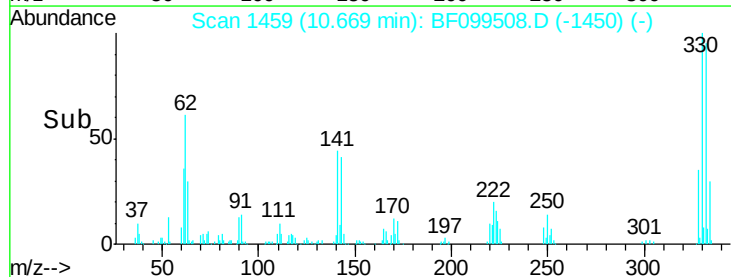
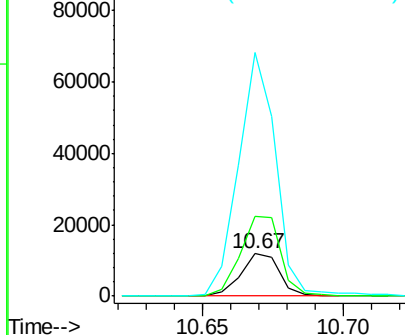


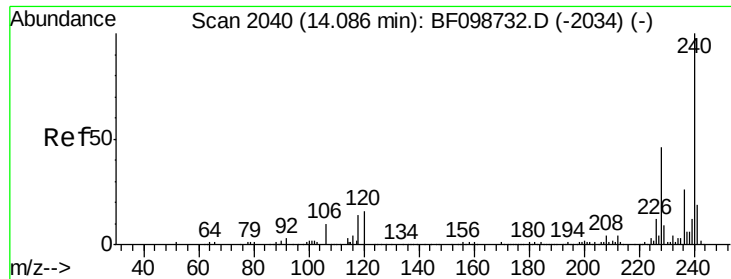
#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF099508.D
 Acq: 15 Oct 2017 12:36

Tgt Ion:248 Resp: 11202
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 577.5 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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

Instrument :

BNA_F

ClientSampleId :

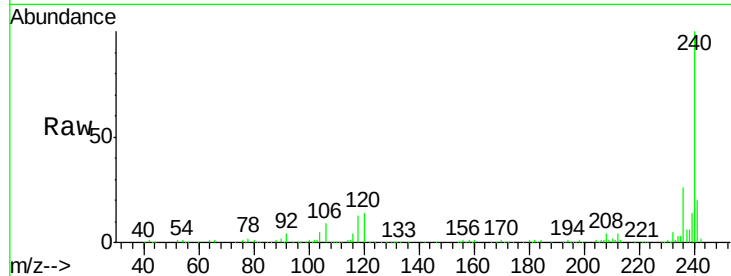
Tot Ion:240 Resp: 226817

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

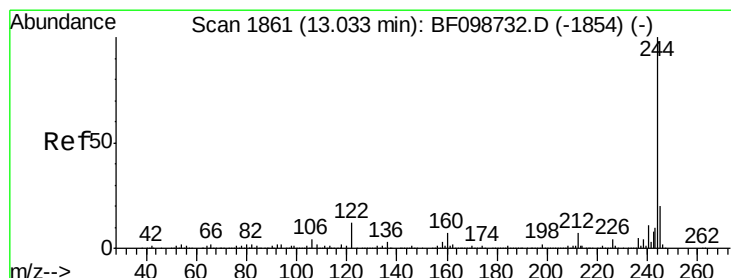
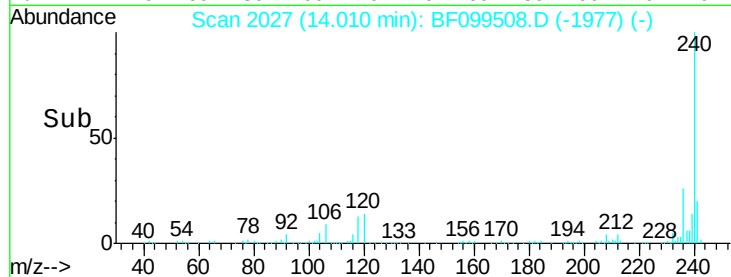
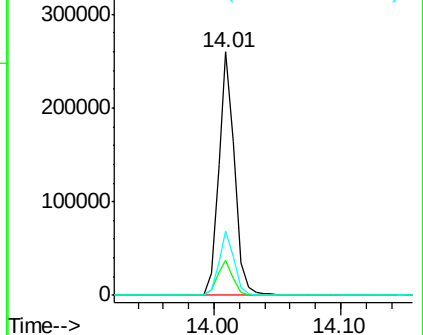
236 26.3 20.7 31.1



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: 80.11 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099508.D

Acq: 15 Oct 2017 12:36

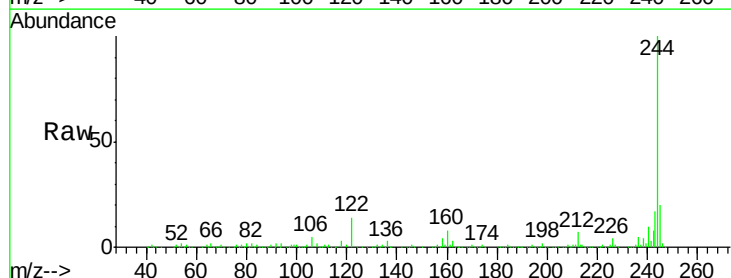
Tgt Ion:244 Resp: 799020

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

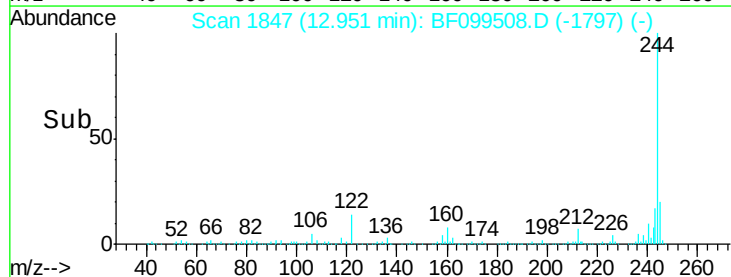
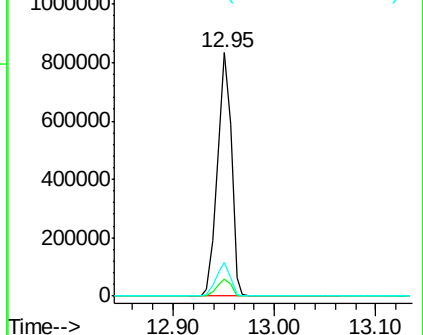
122 13.6 11.0 16.4

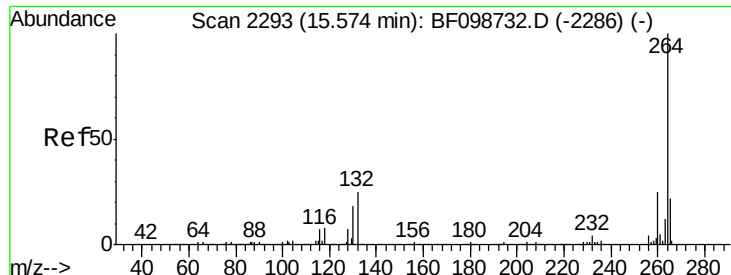


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

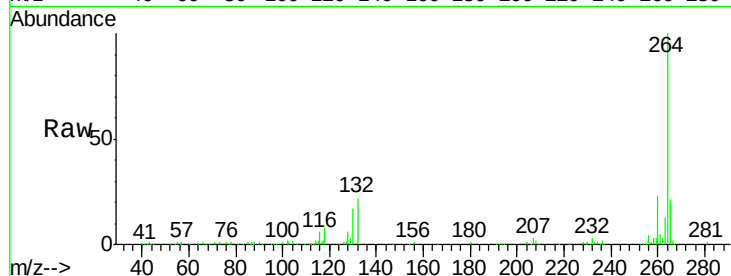




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099508.D
Acq: 15 Oct 2017 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	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

