

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098841.D
 Acq On : 26 Sep 2017 19:22
 Operator : SJ/JU
 Sample : I5301-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:48:27 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

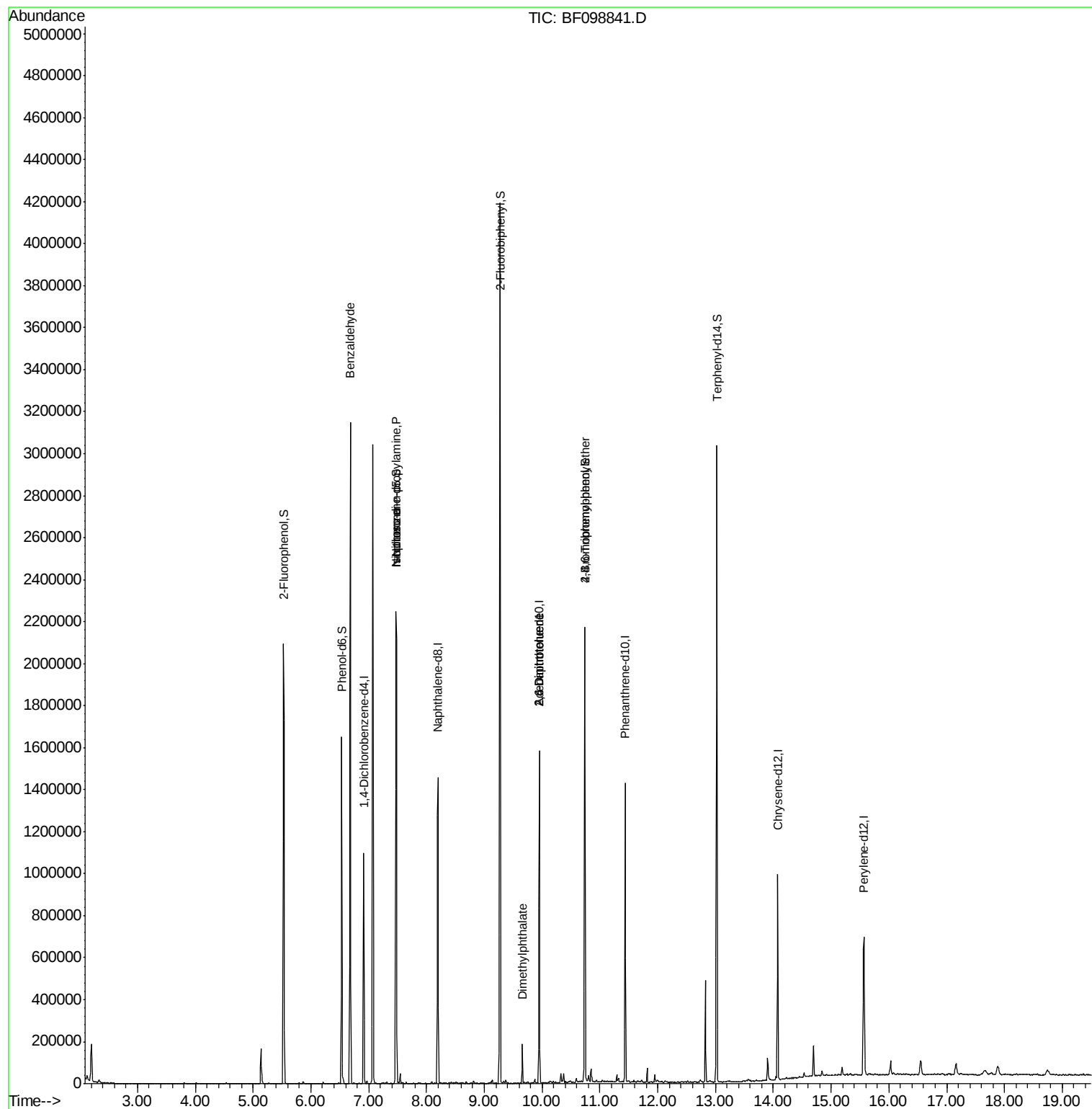
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154151	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	638592	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	279818	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	453093	20.00	ng	0.00
75) Chrysene-d12	14.07	240	293568	20.00	ng	-0.01
86) Perylene-d12	15.57	264	279837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	597561	61.71	ng	-0.01
7) Phenol-d6	6.53	99	493618	41.32	ng	-0.01
23) Nitrobenzene-d5	7.47	82	827002	83.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	254563	111.18	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1445072	86.21	ng	0.00
78) Terphenyl-d14	13.02	244	956265	74.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	19503	2.81	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.47	70	109775	14.39	ng	# 77
25) Isophorone	7.47	82	823919	40.02	ng	# 64
49) Dimethylphthalate	9.66	163	63878	3.02	ng	99
50) 2,6-Dinitrotoluene	9.95	165	35846	7.80	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	35846	6.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	17771	4.01	ng	# 1

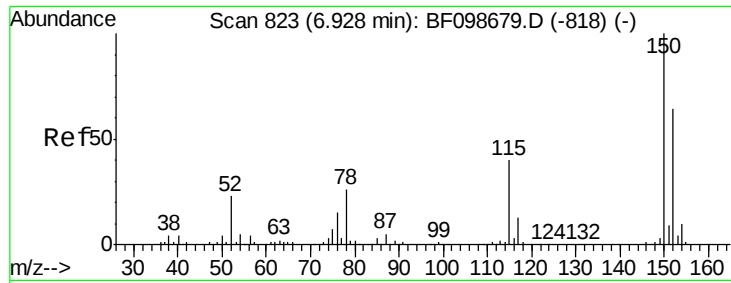
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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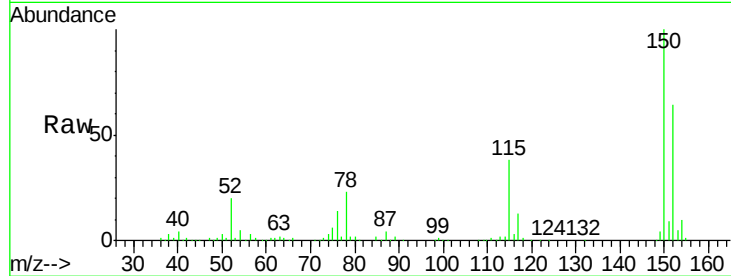


#1

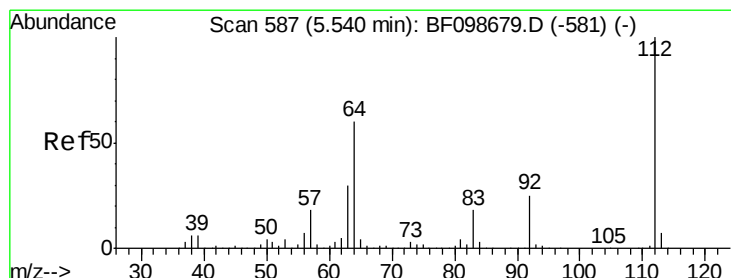
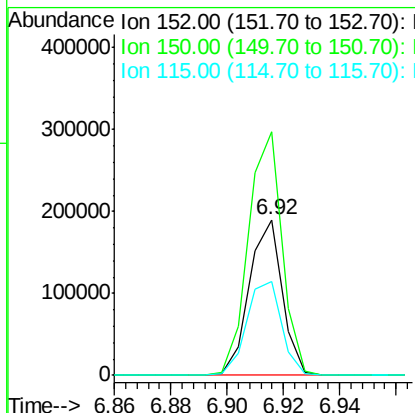
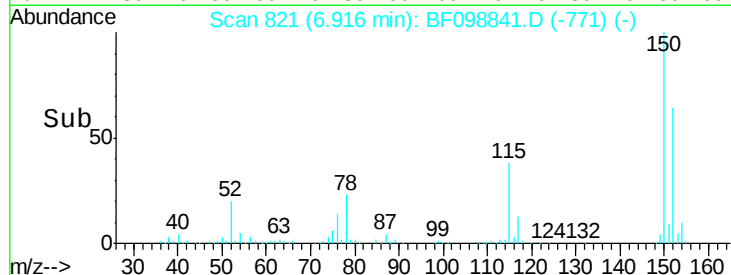
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.0	50.1	75.1



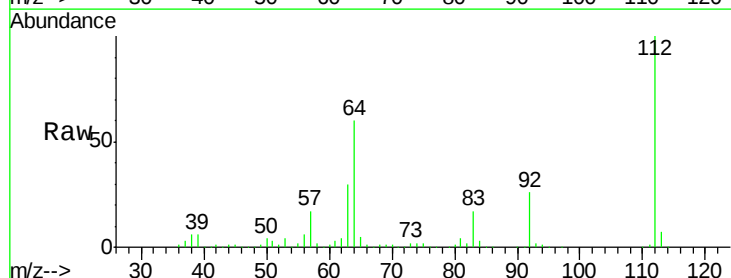
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



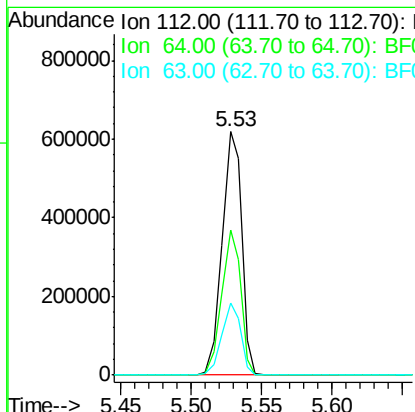
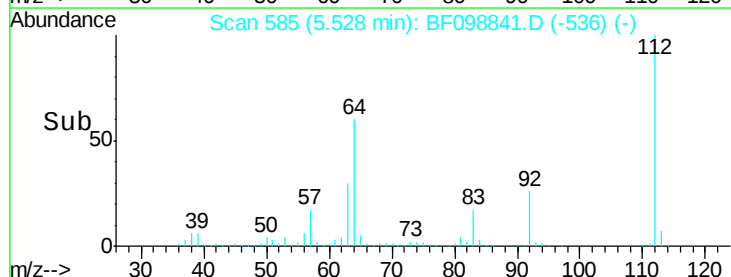
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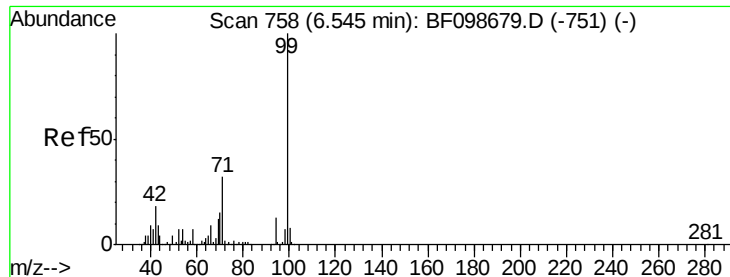
2-Fluorophenol
 Concen: 61.71 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.5	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: 41.32 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

Instrument :

BNA_F

ClientSampleId :

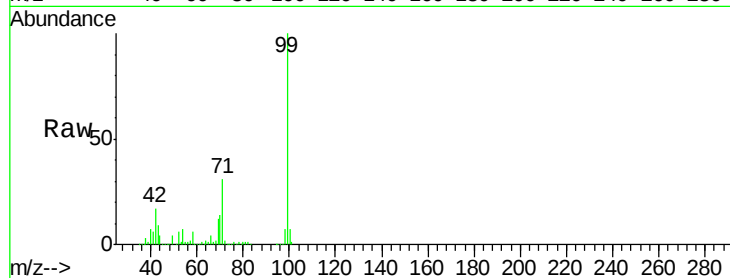
Tot Ion: 99 Resp: 493618

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

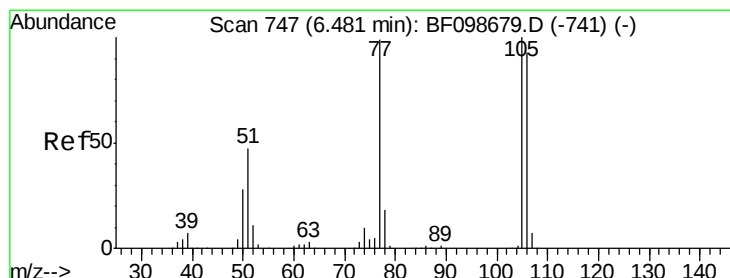
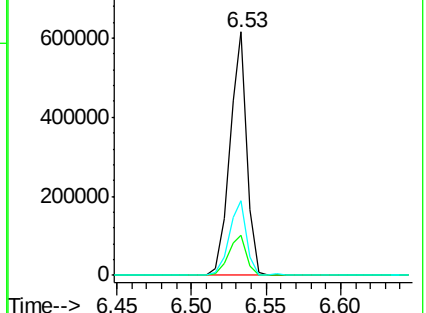
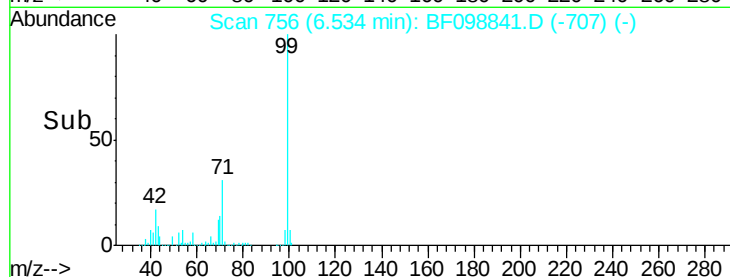
71 30.6 25.4 38.0



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: 2.81 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

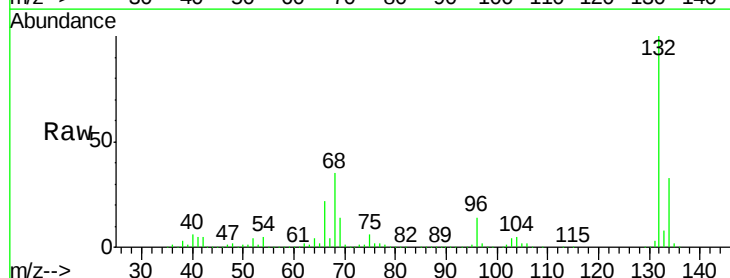
Tgt Ion: 77 Resp: 19503

Ion Ratio Lower Upper

77 100

105 91.4 81.1 121.1

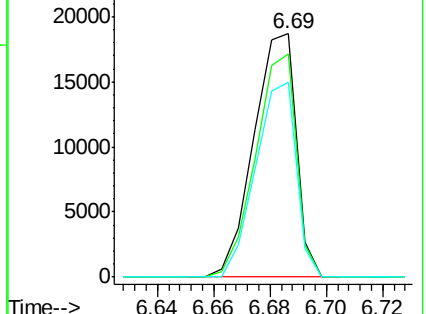
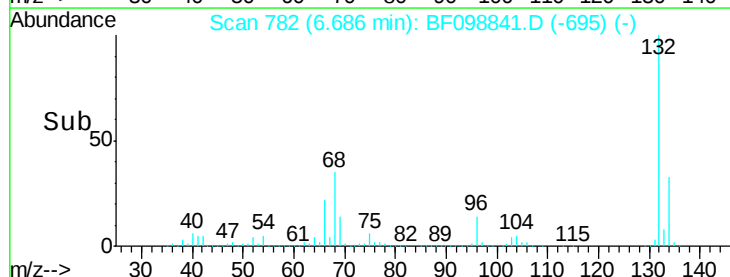
106 80.0 74.5 114.5



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

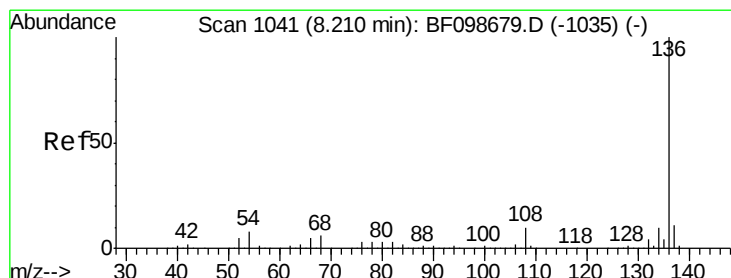
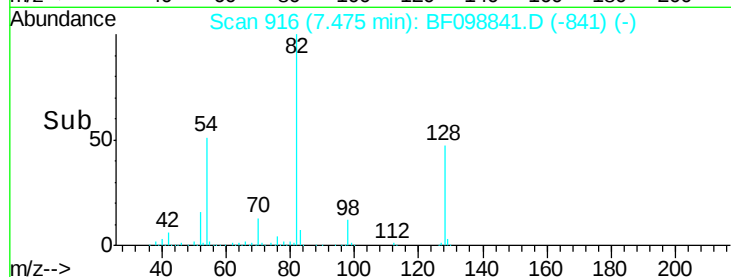
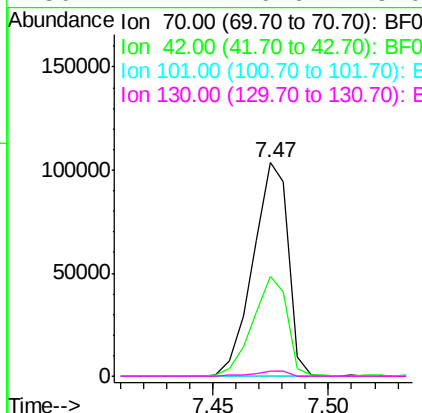
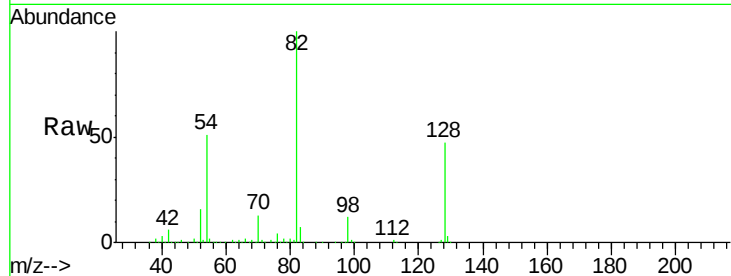




#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

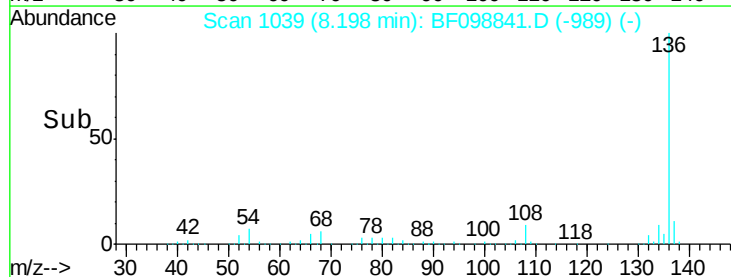
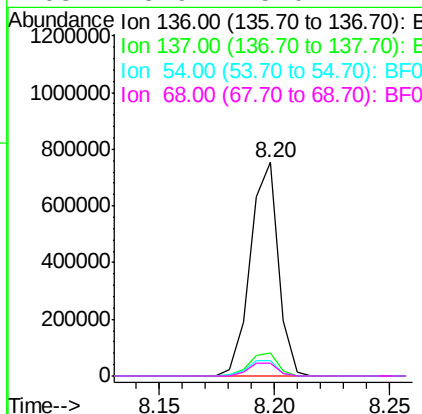
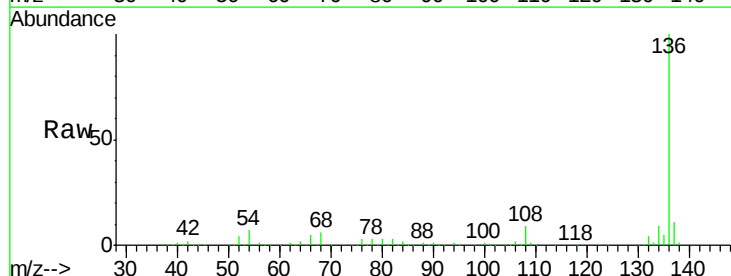
Instrument :
BNA_F
ClientSampleId :

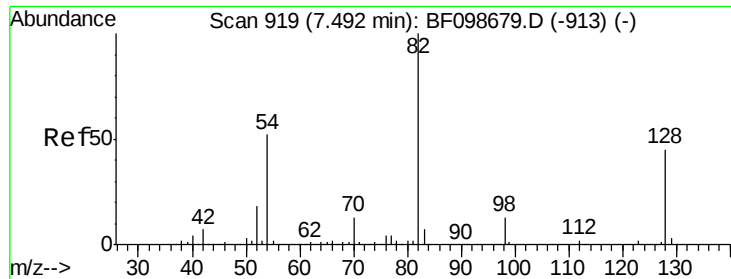
Tot Ion: 70 Resp: 109775
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Tgt Ion: 136 Resp: 638592
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 6.6 9.8
68 5.9 5.0 7.4

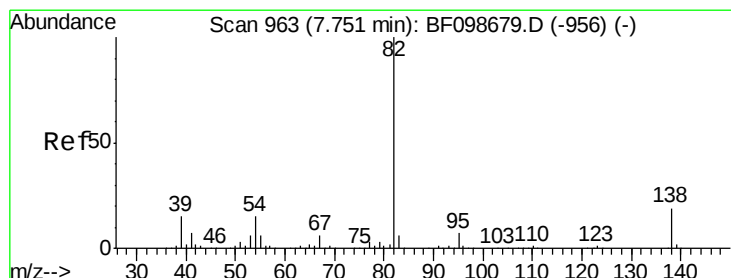
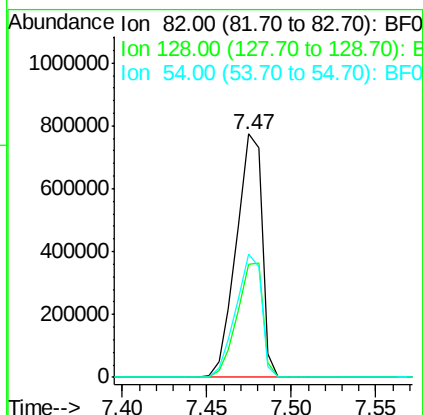
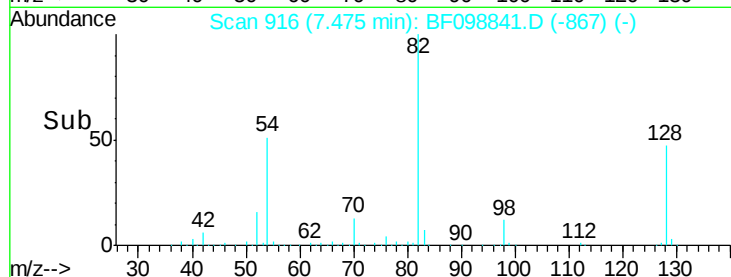
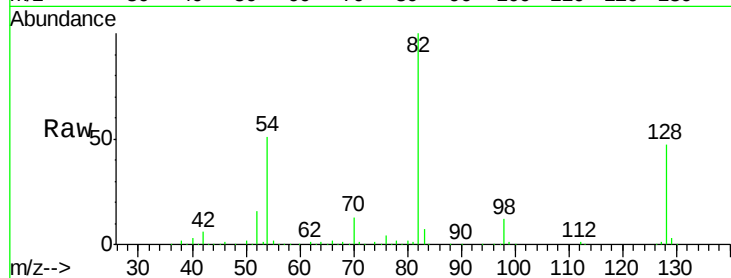




#23
Nitrobenzene-d5
Concen: 83.05 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

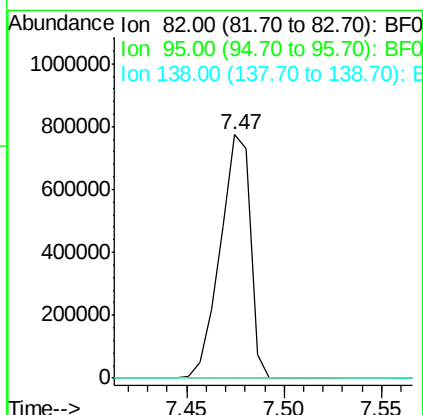
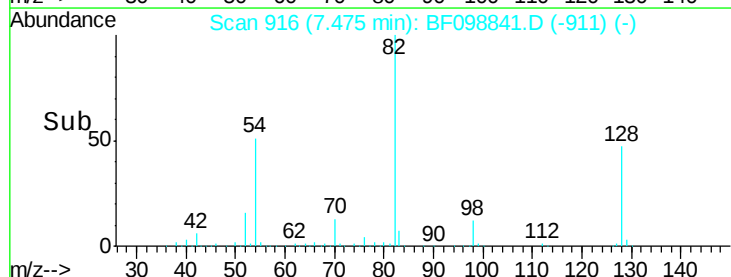
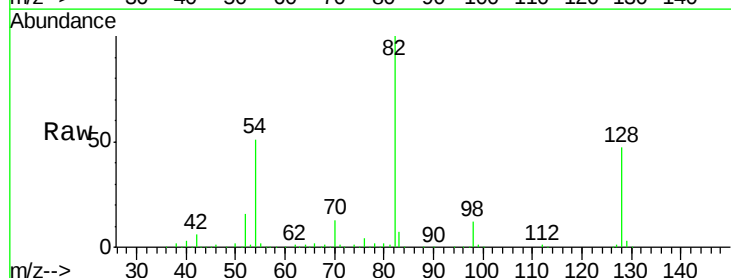
Instrument :
BNA_F
ClientSampleId :

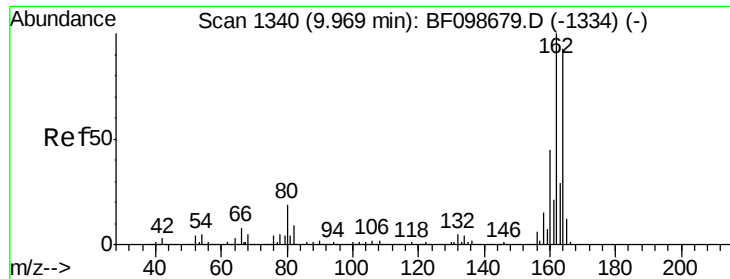
Tot Ion: 82 Resp: 827002
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 50.5 41.4 62.2



#25
Isophorone
Concen: 40.02 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Tgt Ion: 82 Resp: 823919
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

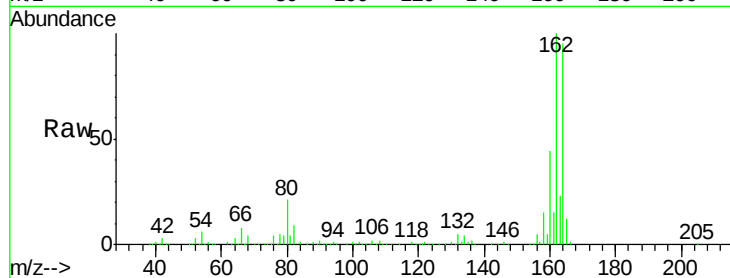




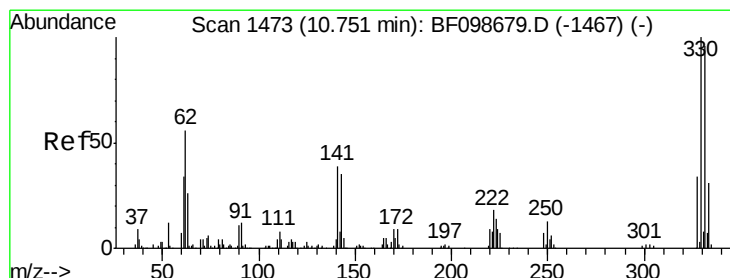
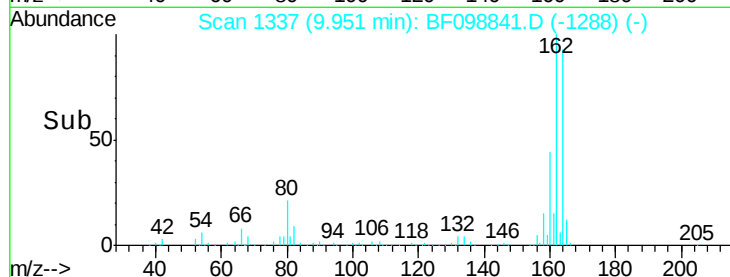
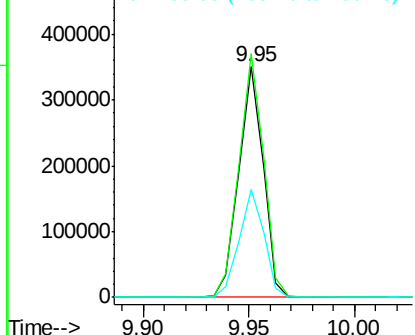
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.6	38.3	57.5

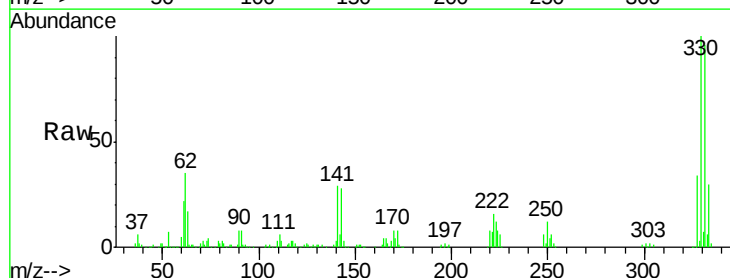


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

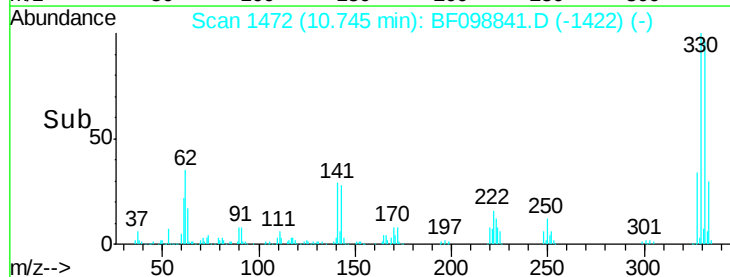
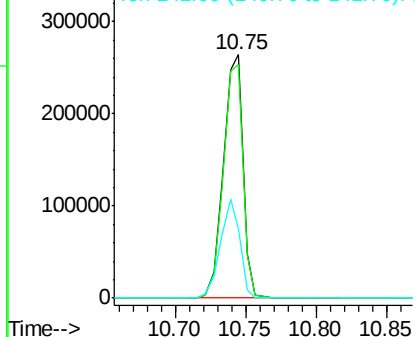


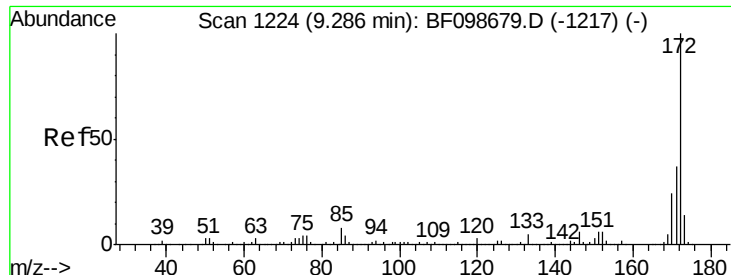
#41
 2,4,6-Tribromophenol
 Concen: 111.18 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.2	29.9	44.9



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



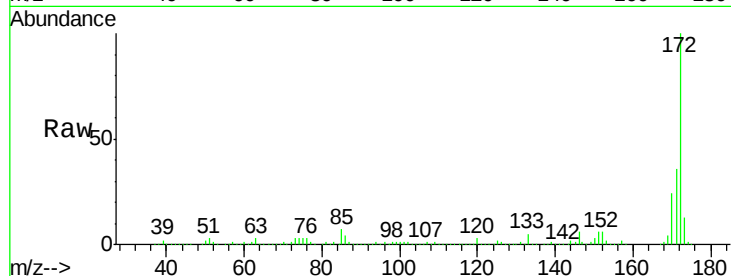


#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

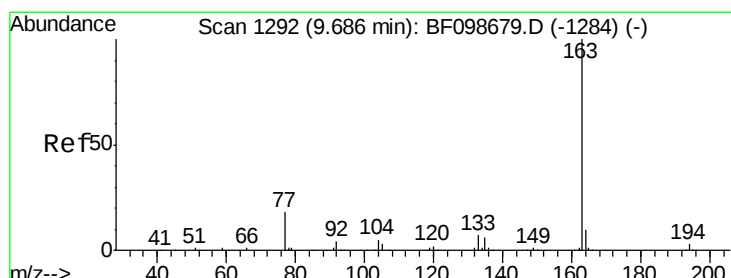
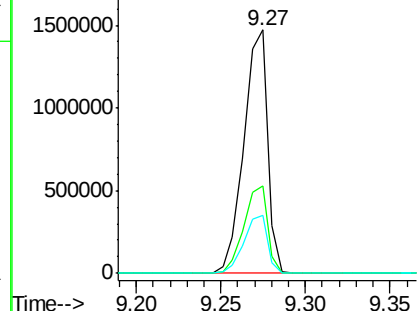
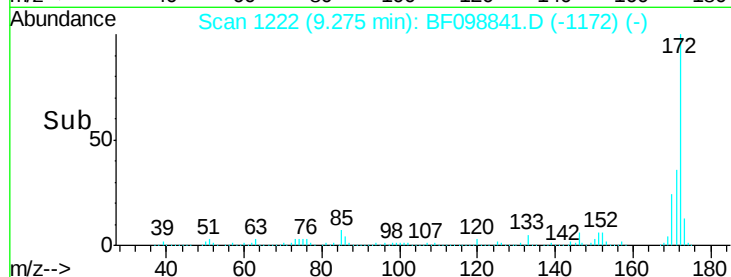
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1445072

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



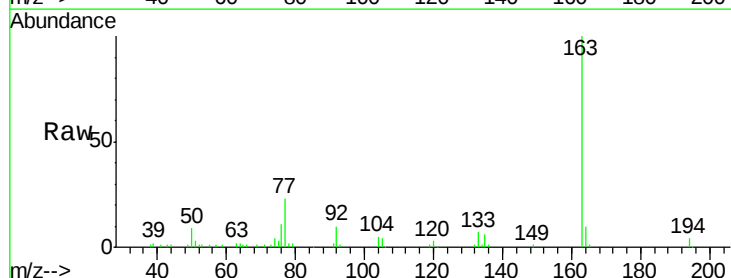
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



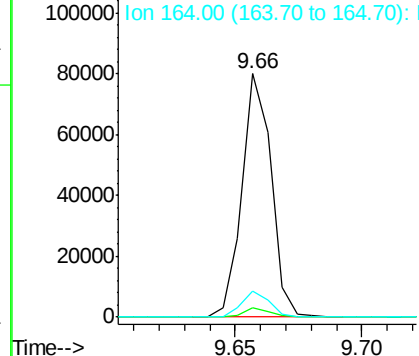
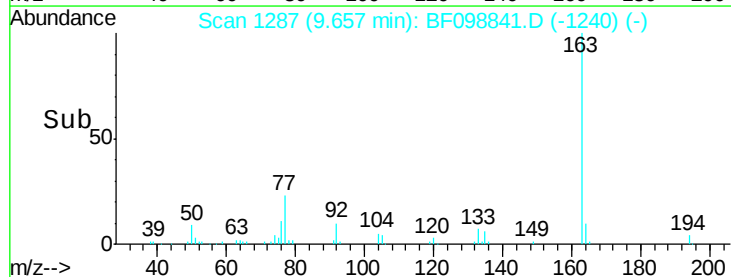
#49
 Dimethylphthalate
 Concen: 3.02 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

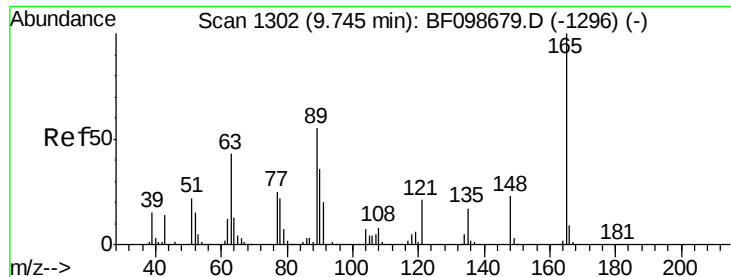
Tgt Ion:163 Resp: 63878

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2



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

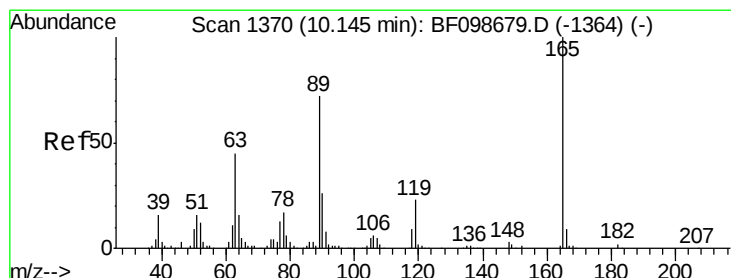
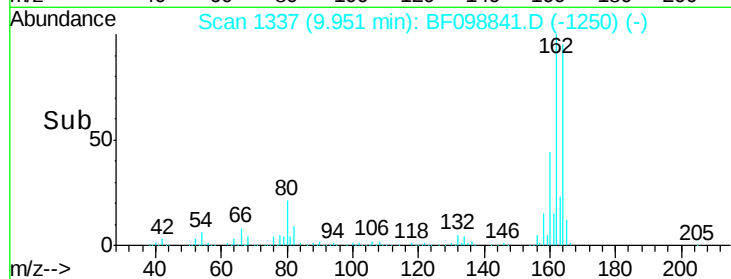
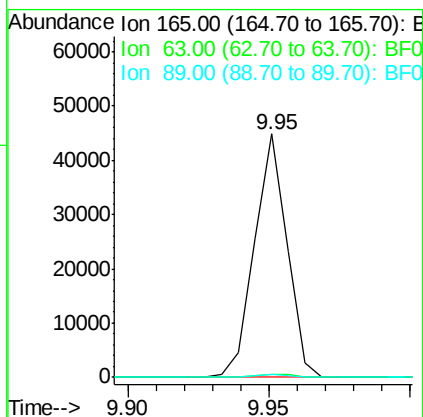
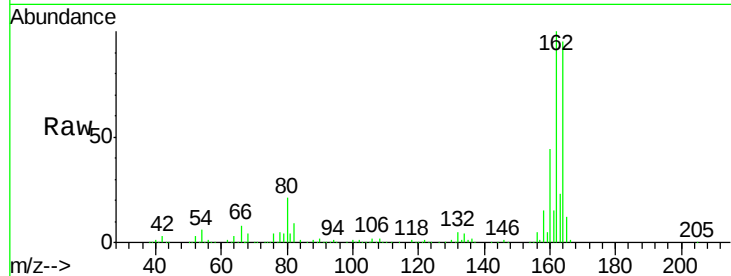




#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

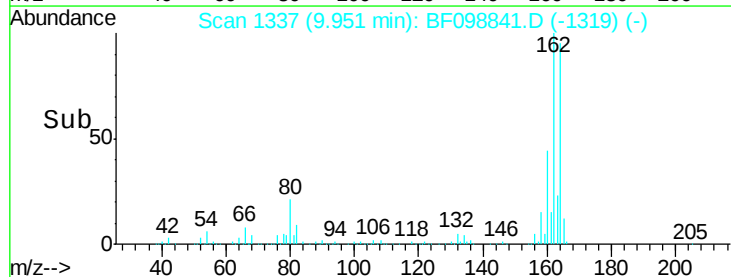
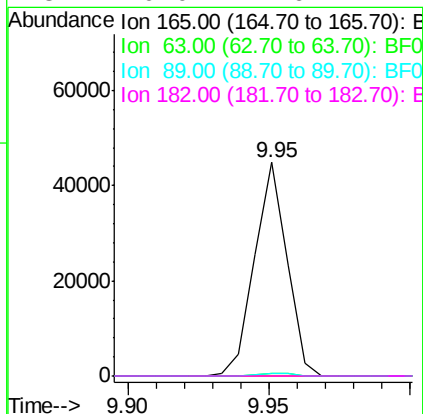
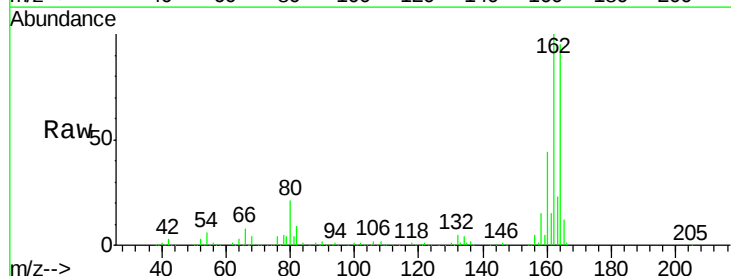
Instrument :
 BNA_F
 ClientSampleId :

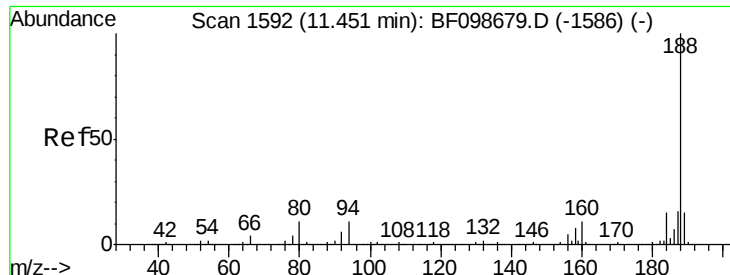
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098841.D
 Acq: 26 Sep 2017 19:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

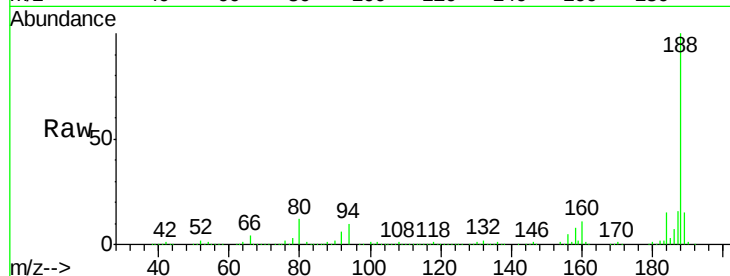




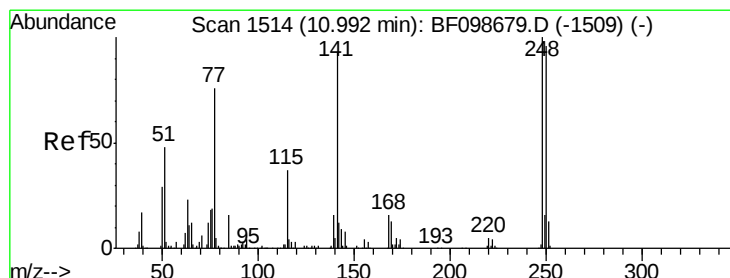
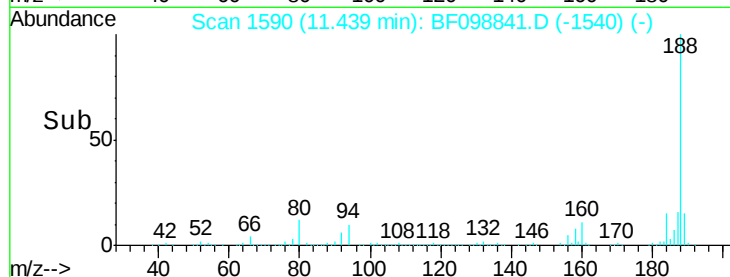
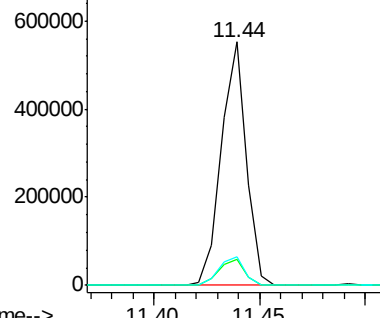
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 453093
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.8 9.2 13.8

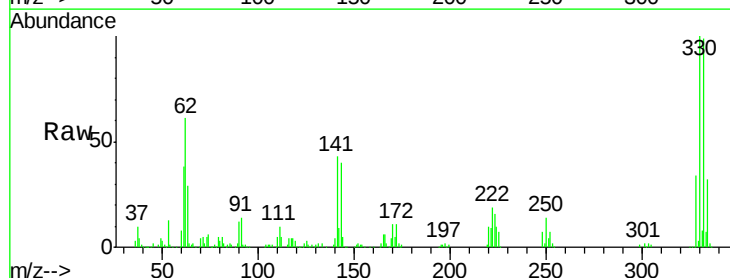


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

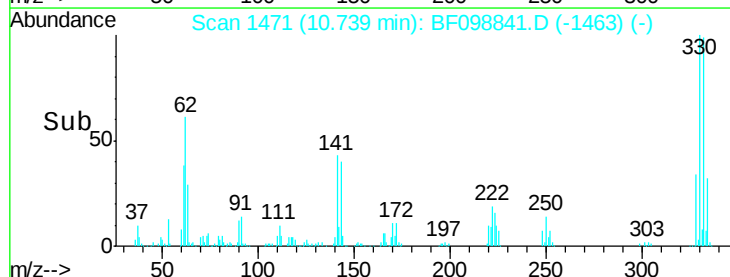
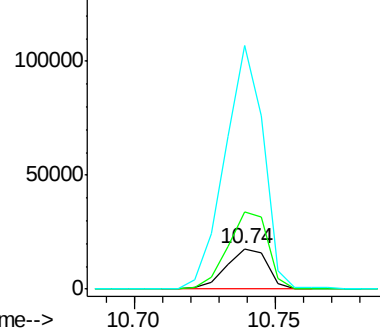


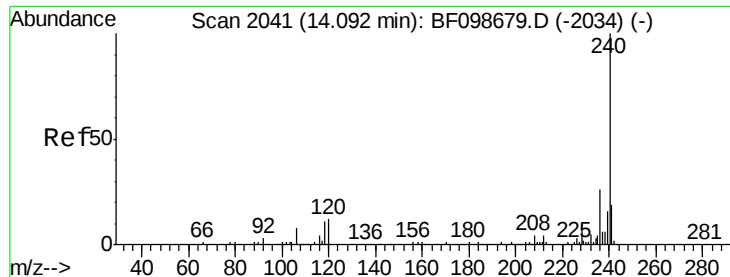
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098841.D
Acq: 26 Sep 2017 19:22

Tgt Ion:248 Resp: 17771
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 605.0 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: BF098841.D

Acq: 26 Sep 2017 19:22

Instrument :

BNA_F

ClientSampleId :

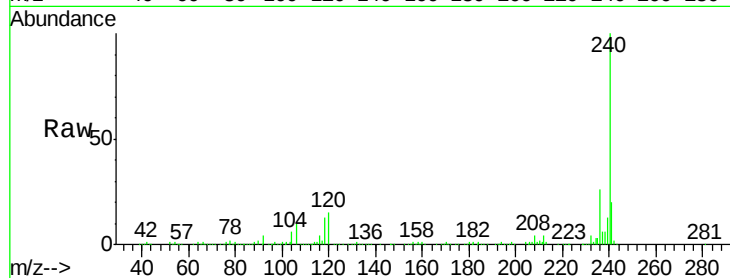
Tot Ion:240 Resp: 293568

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

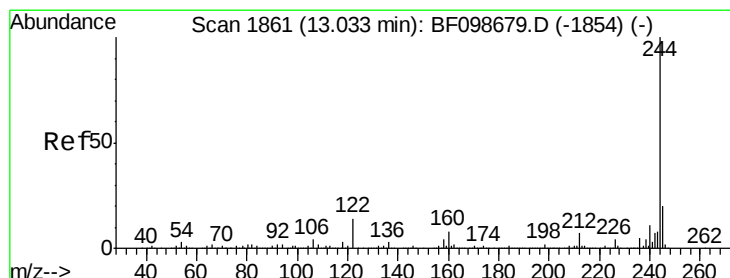
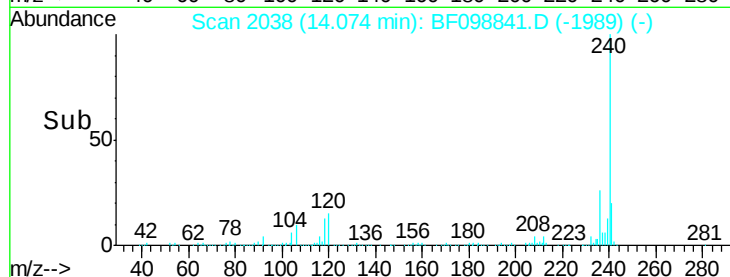
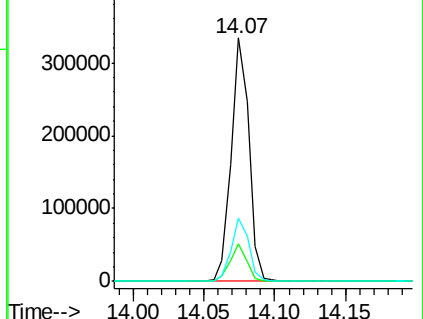
236 26.1 20.7 31.1



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: 74.08 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098841.D

Acq: 26 Sep 2017 19:22

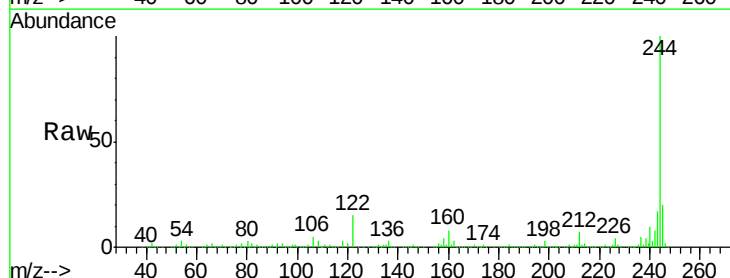
Tgt Ion:244 Resp: 956265

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

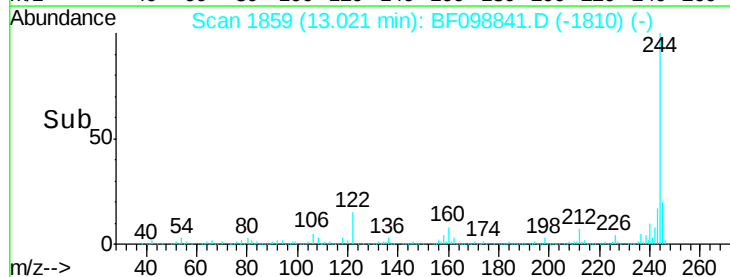
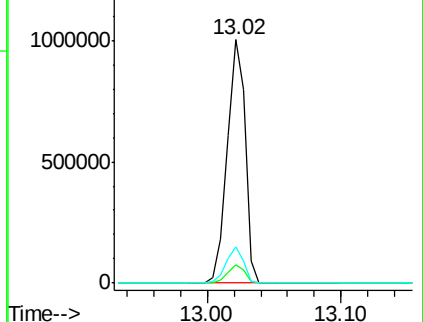
122 14.8 11.0 16.4

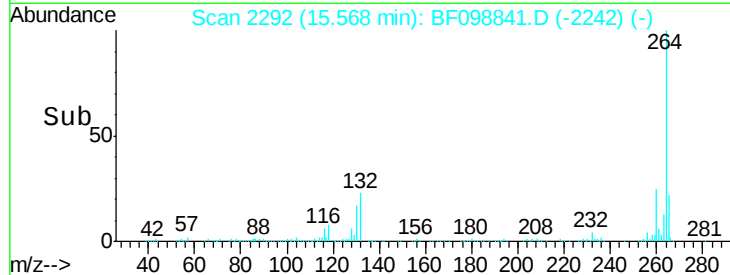
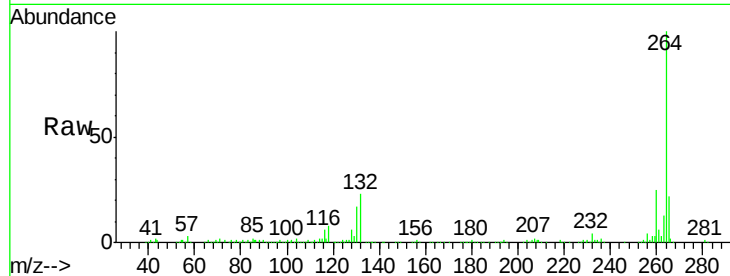
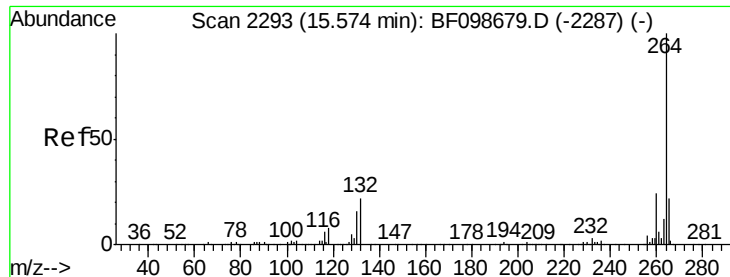


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098841.D
 Acq: 26 Sep 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	279837
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3

