

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098850.D
 Acq On : 26 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5427-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:50:13 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

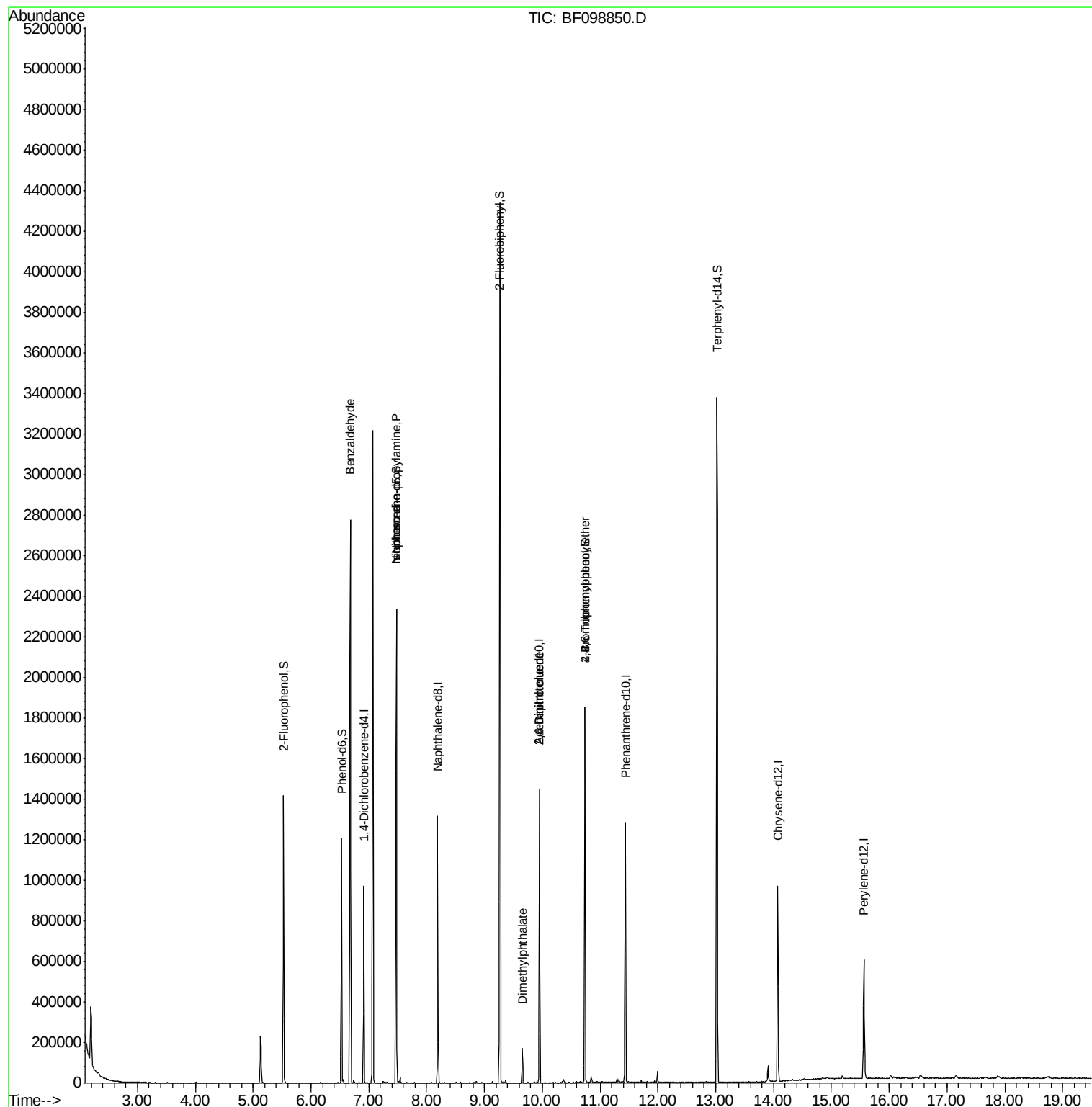
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	141032	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	585023	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	260137	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	428809	20.00	ng	0.00
75) Chrysene-d12	14.07	240	274607	20.00	ng	-0.01
86) Perylene-d12	15.57	264	258735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	404543	45.66	ng	-0.01
7) Phenol-d6	6.53	99	333774	30.54	ng	-0.02
23) Nitrobenzene-d5	7.47	82	884246	96.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	187256	87.97	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1542484	98.99	ng	0.00
78) Terphenyl-d14	13.02	244	1084339	89.80	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.68	77	15155	2.39	ng	# 79
19) n-Nitroso-di-n-propylamine	7.47	70	115272	16.52	ng	# 77
25) Isophorone	7.47	82	884078	46.87	ng	# 64
49) Dimethylphthalate	9.66	163	58606	2.98	ng	99
50) 2,6-Dinitrotoluene	9.95	165	32866	7.69	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	32866	5.92	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13139	3.13	ng	# 1

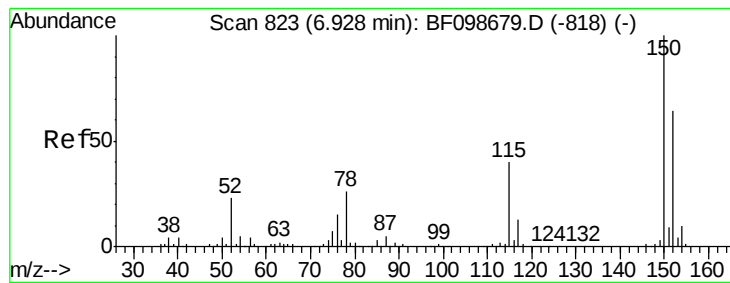
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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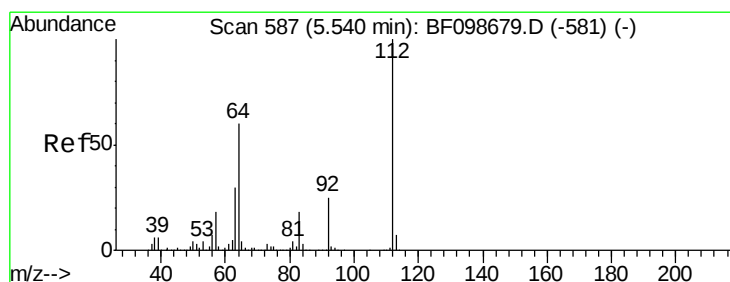
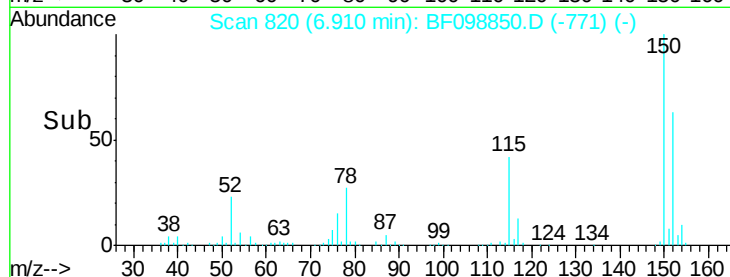
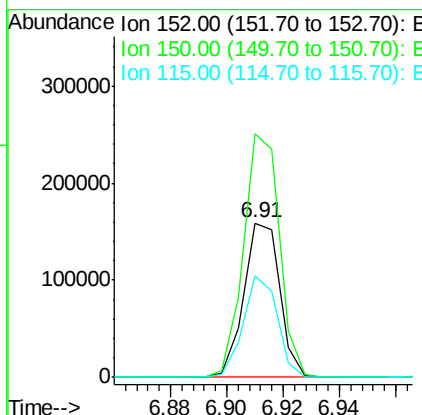
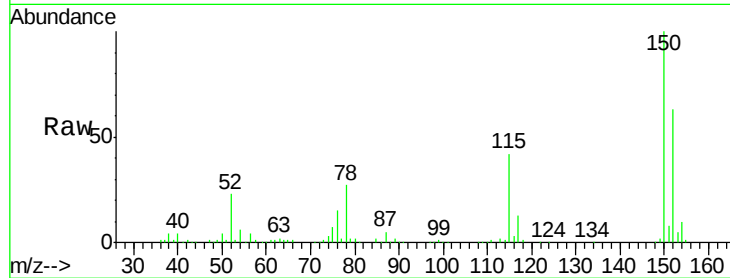


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

Instrument :
BNA_F
ClientSampleId :

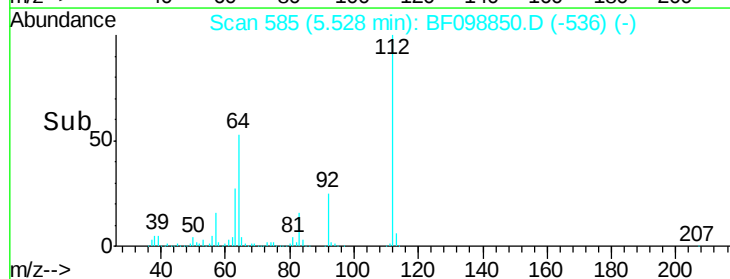
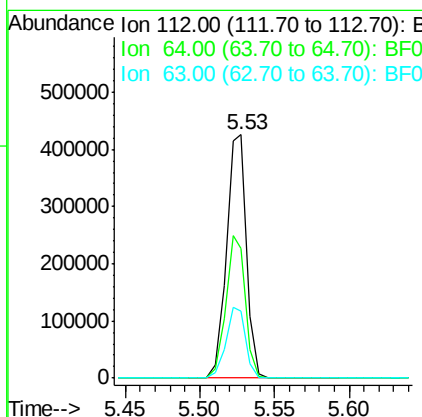
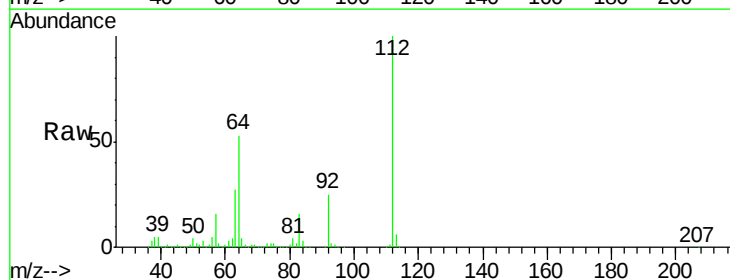
Tot Ion:152 Resp: 141032
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 65.9 50.1 75.1



#5

2-Fluorophenol
Concen: 45.66 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

Tgt Ion:112 Resp: 404543
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 30.54 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

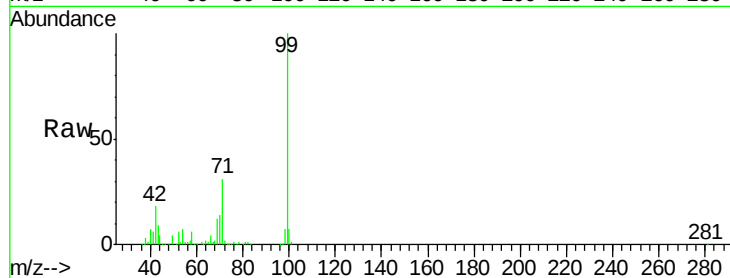
Tot Ion: 99 Resp: 333774

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

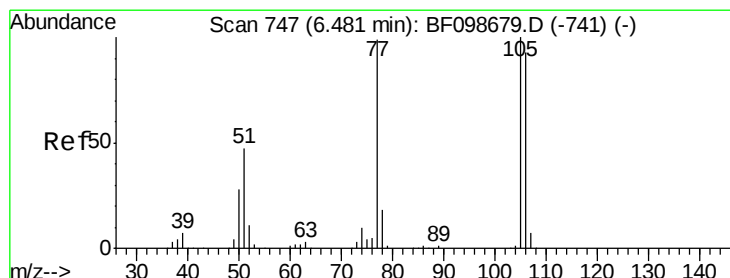
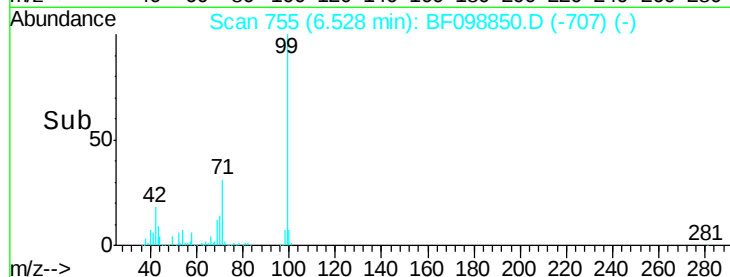
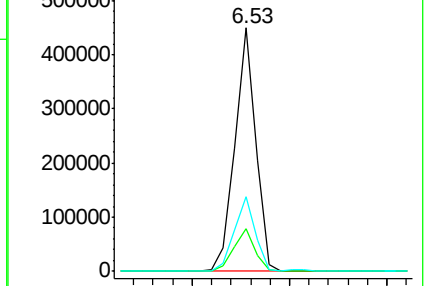
71 30.7 25.4 38.0



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: 2.39 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

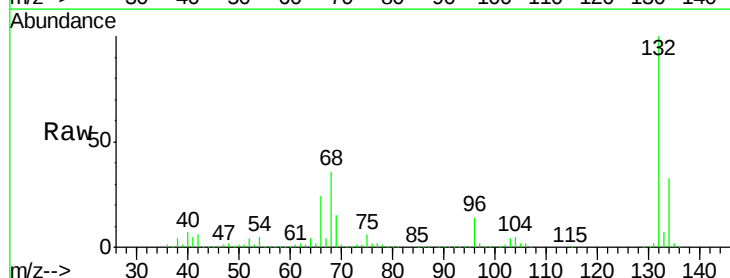
Tgt Ion: 77 Resp: 15155

Ion Ratio Lower Upper

77 100

105 77.6 81.1 121.1#

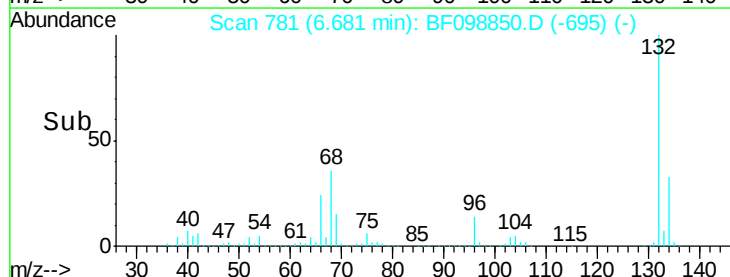
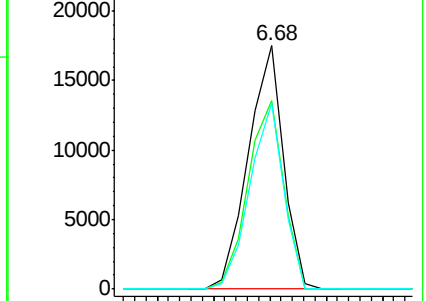
106 76.2 74.5 114.5

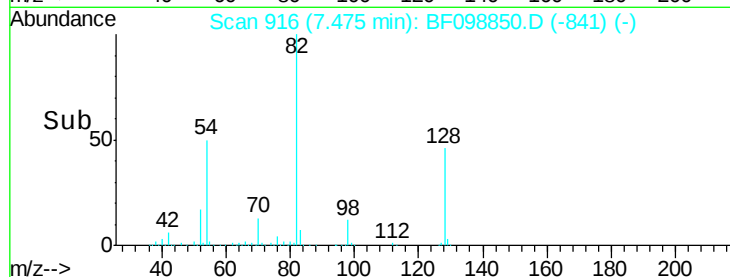
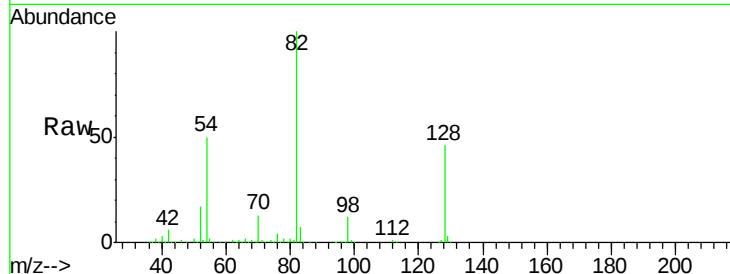
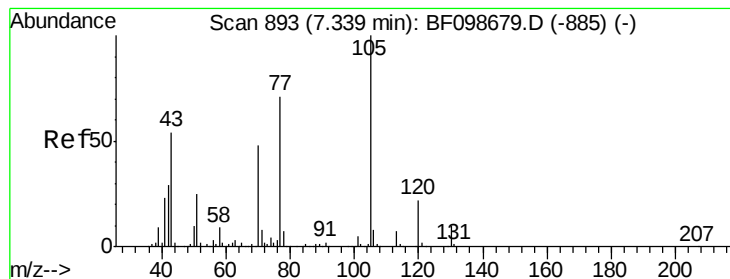


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.52 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 115272

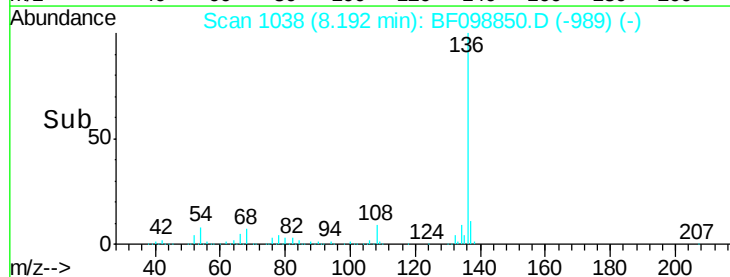
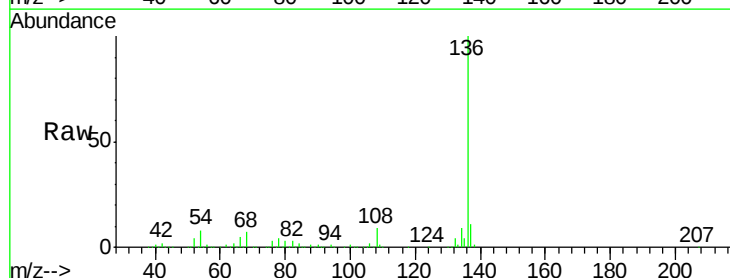
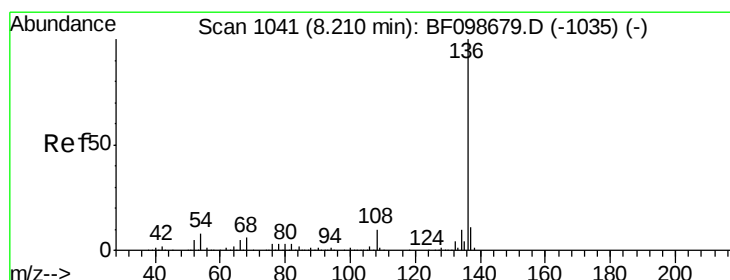
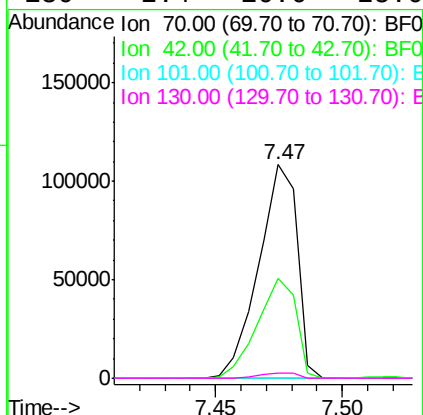
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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: BF098850.D

Acq: 26 Sep 2017 23:38

Tgt Ion: 136 Resp: 585023

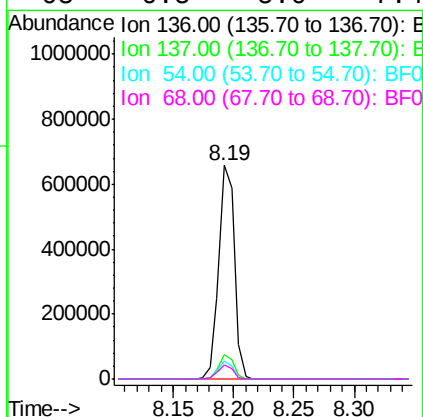
Ion Ratio Lower Upper

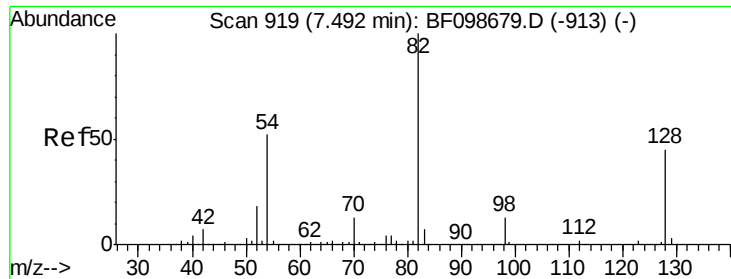
136 100

137 11.4 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

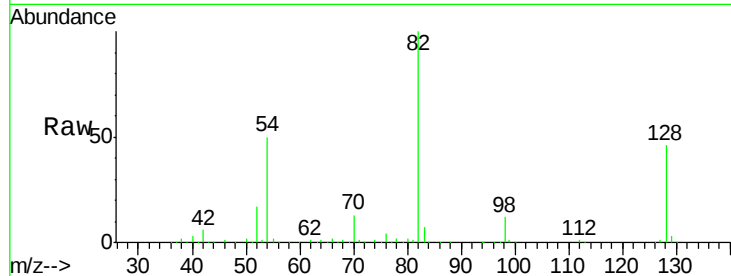




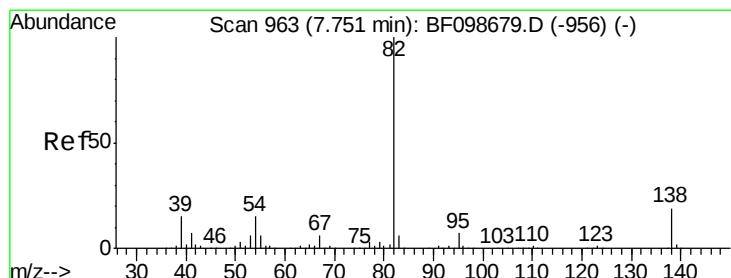
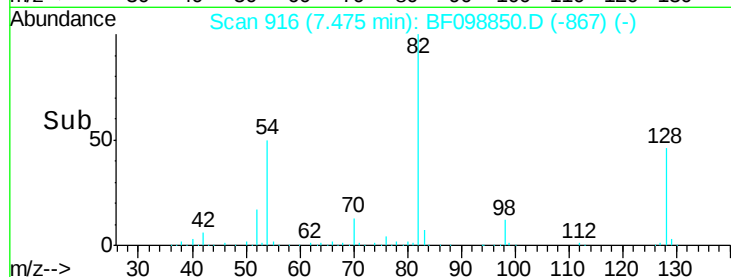
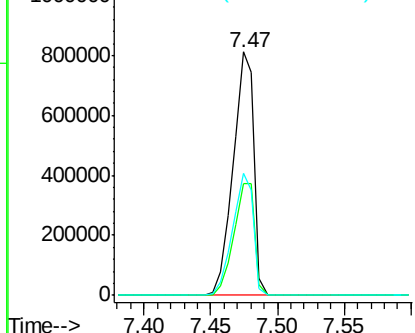
#23
 Nitrobenzene-d5
 Concen: 96.93 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098850.D
 Acq: 26 Sep 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 884246
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 50.1 41.4 62.2

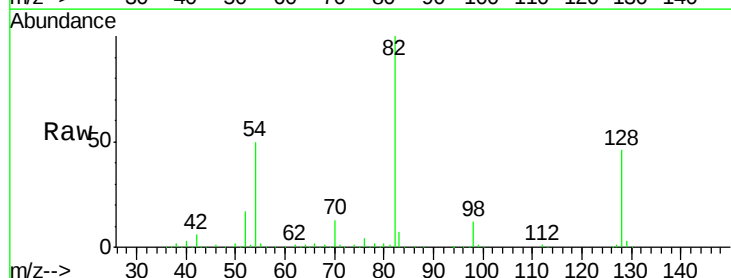


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

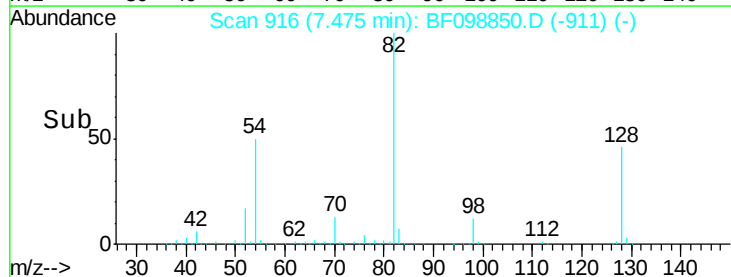
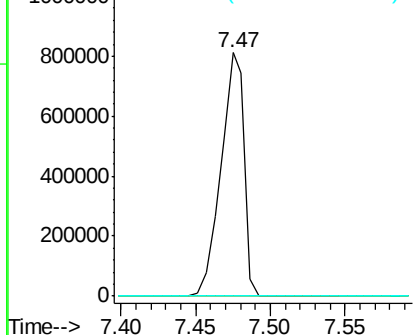


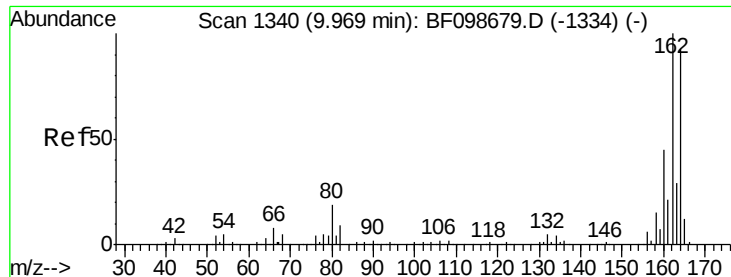
#25
 Isophorone
 Concen: 46.87 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098850.D
 Acq: 26 Sep 2017 23:38

Tgt Ion: 82 Resp: 884078
 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: BF098850.D

Acq: 26 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

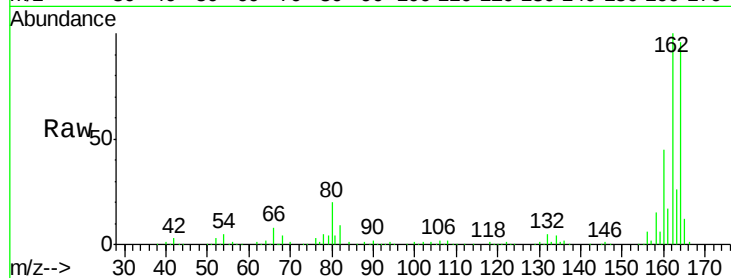
Tot Ion:164 Resp: 260137

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

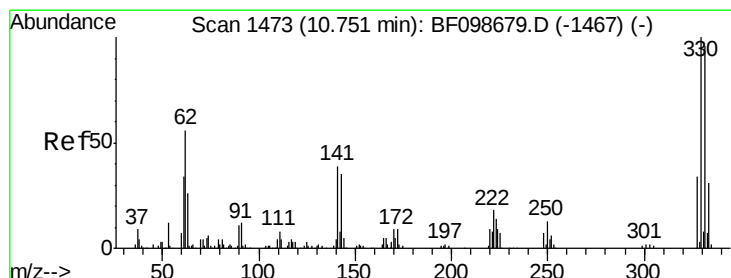
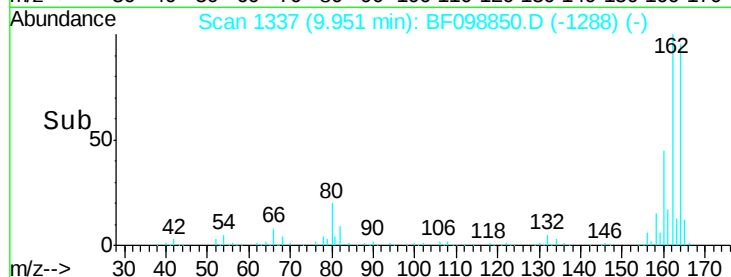
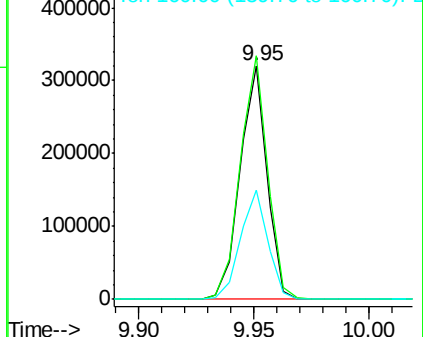
160 46.8 38.3 57.5



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: 87.97 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

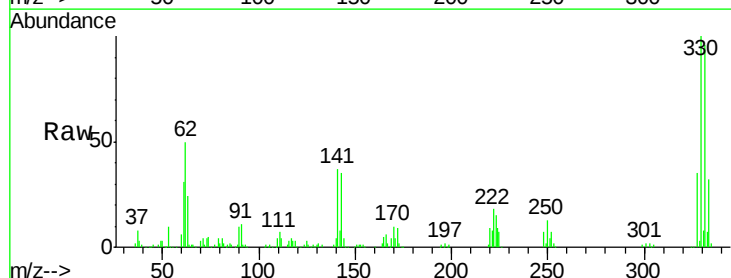
Tgt Ion:330 Resp: 187256

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

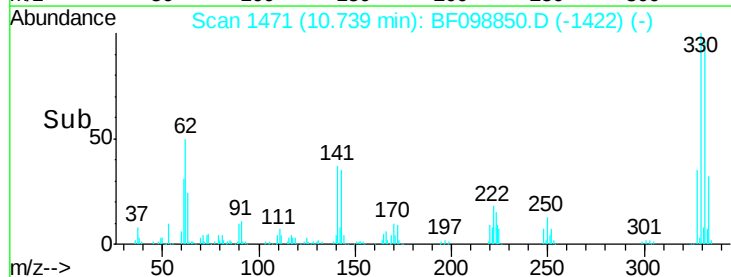
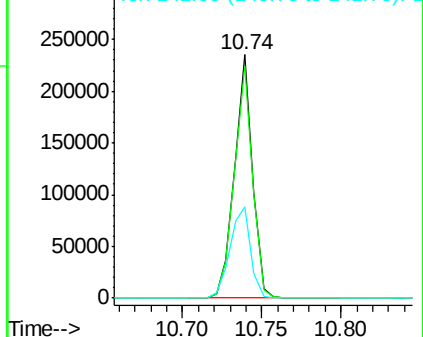
141 42.2 29.9 44.9

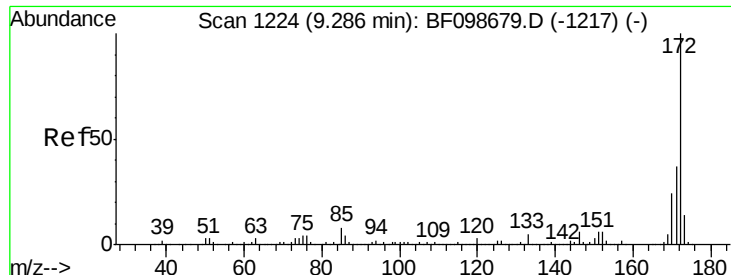


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

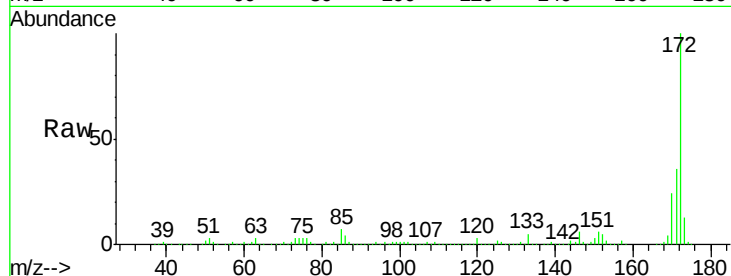




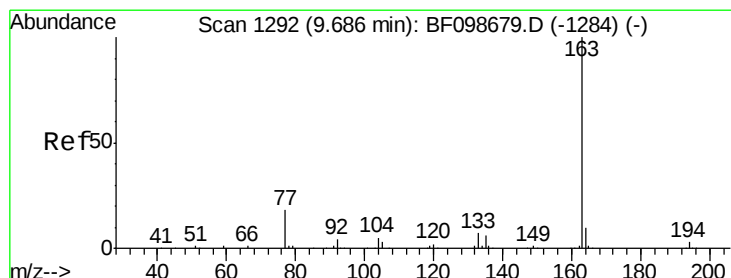
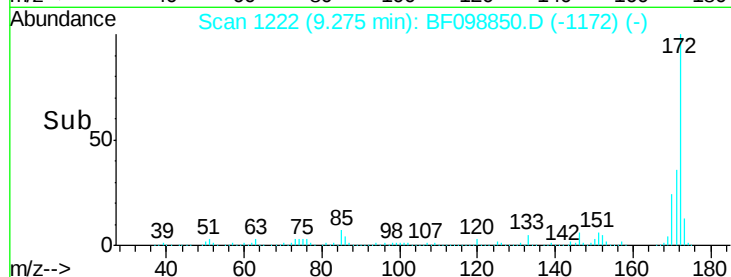
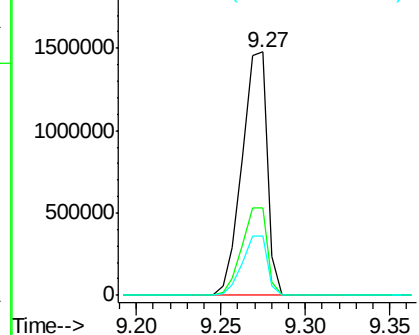
#44
2-Fluorobiphenyl
Concen: 98.99 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1542484
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.3 19.6 29.4

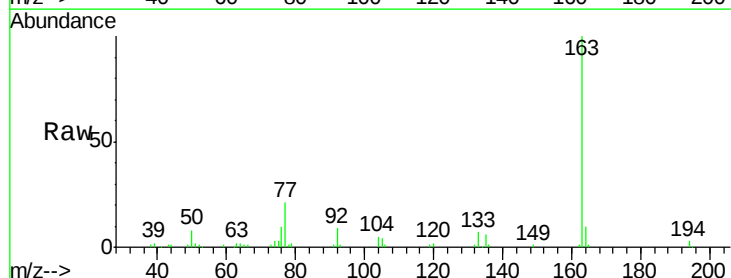


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

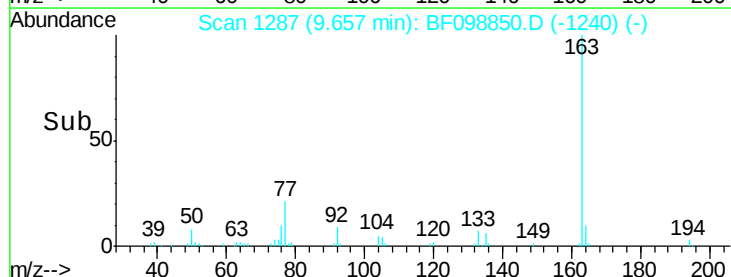
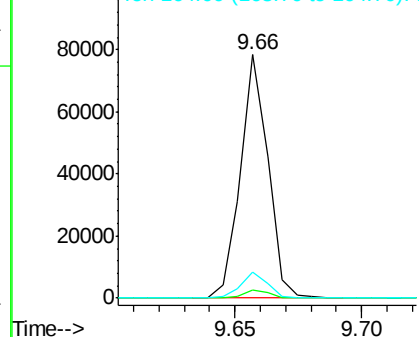


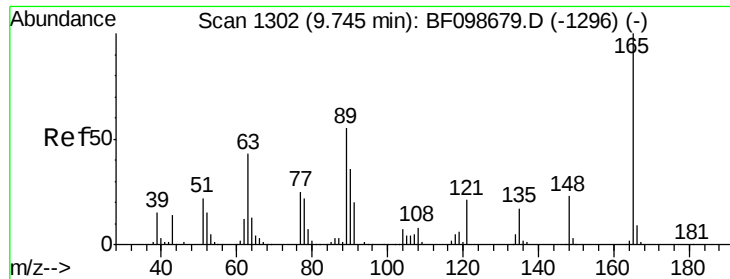
#49
Dimethylphthalate
Concen: 2.98 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

Tgt Ion:163 Resp: 58606
Ion Ratio Lower Upper
163 100
194 3.3 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

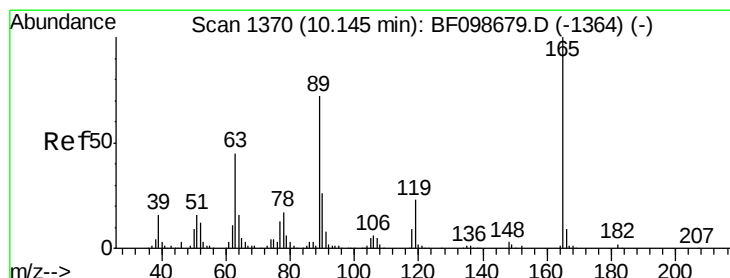
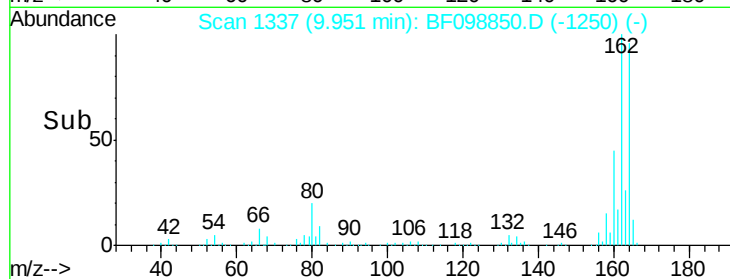
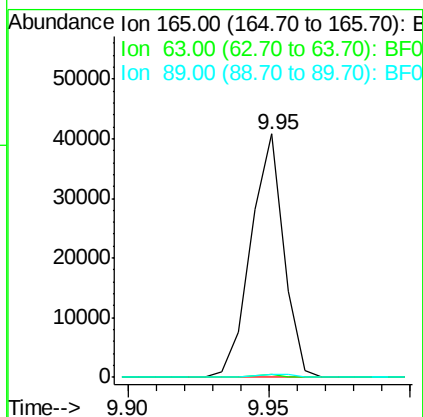
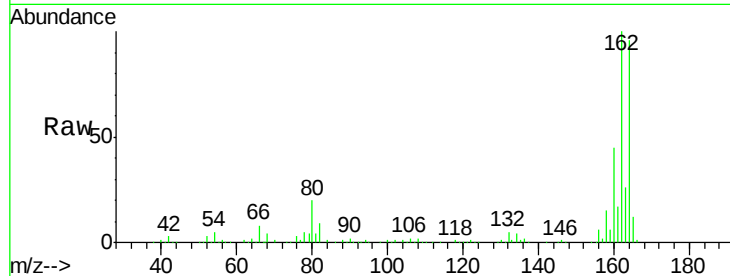




#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098850.D
 Acq: 26 Sep 2017 23:38

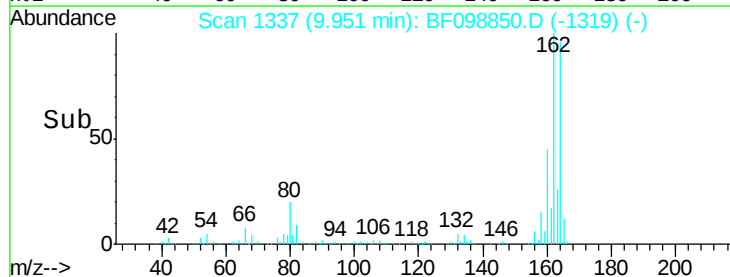
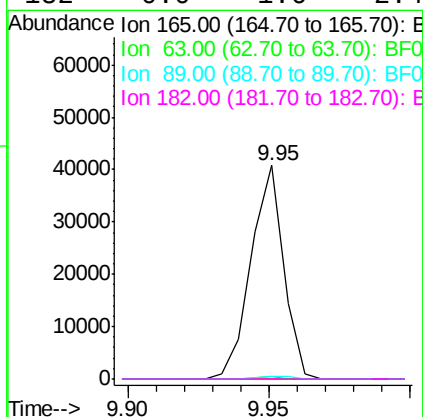
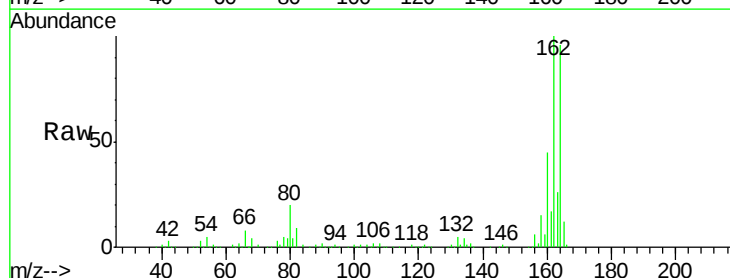
Instrument :
 BNA_F
 ClientSampleId :

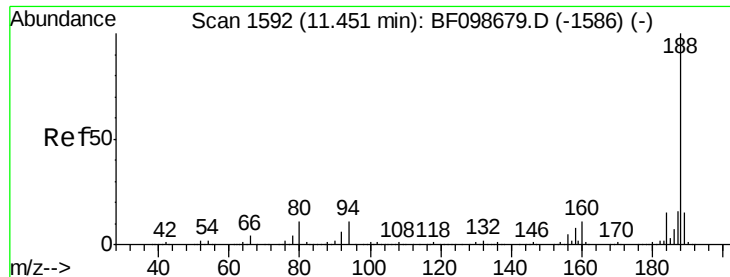
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098850.D
 Acq: 26 Sep 2017 23:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

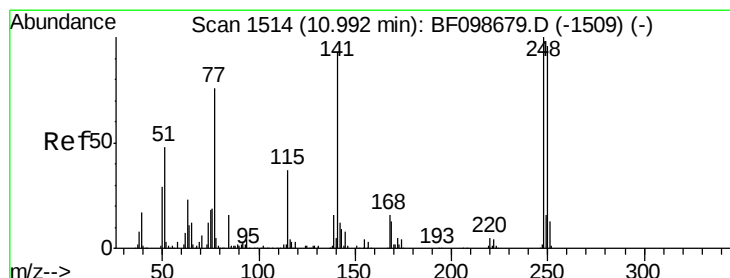
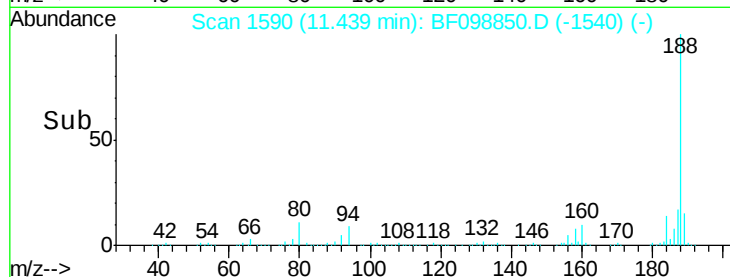
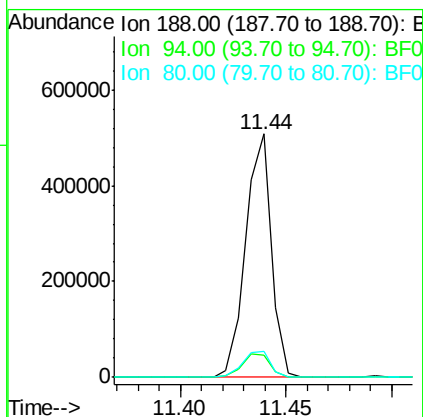
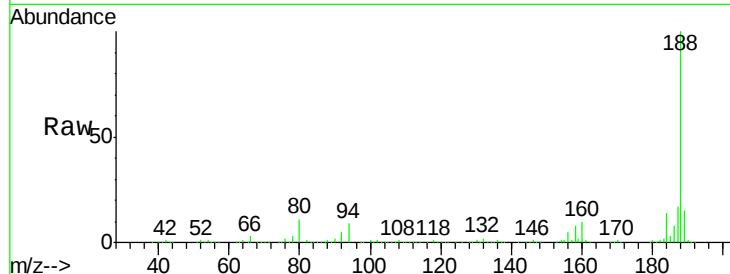




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

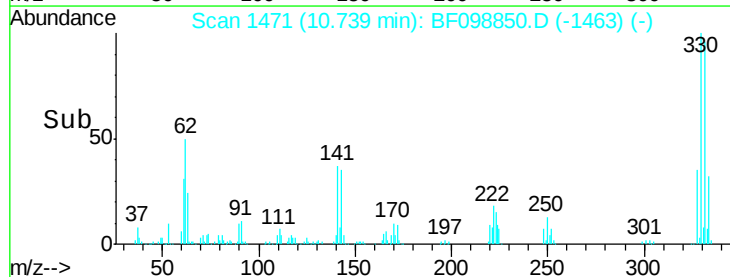
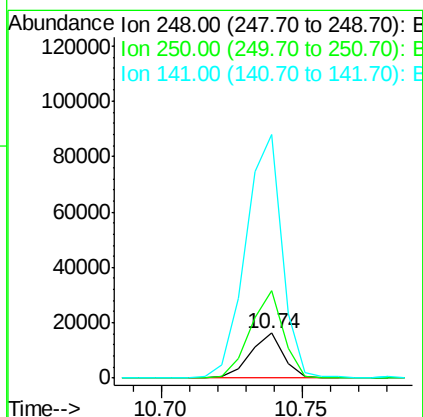
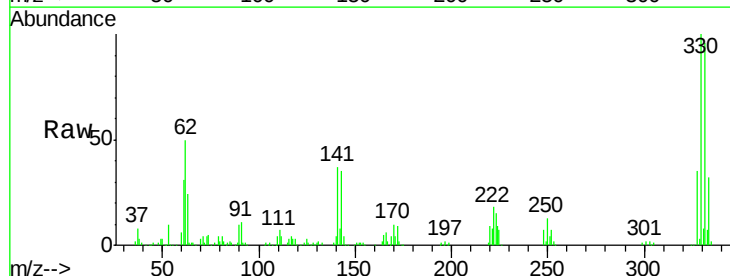
Instrument :
BNA_F
ClientSampleId :

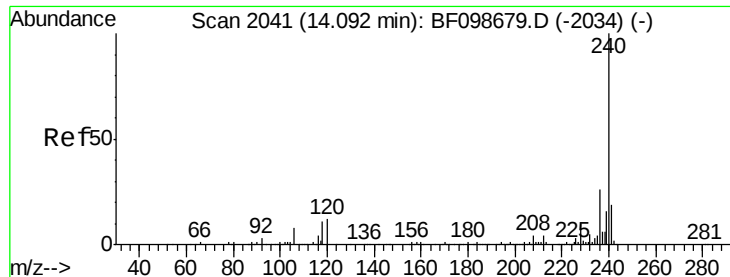
Tot Ion:188 Resp: 428809
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098850.D
Acq: 26 Sep 2017 23:38

Tgt Ion:248 Resp: 13139
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 545.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

Instrument :

BNA_F

ClientSampleId :

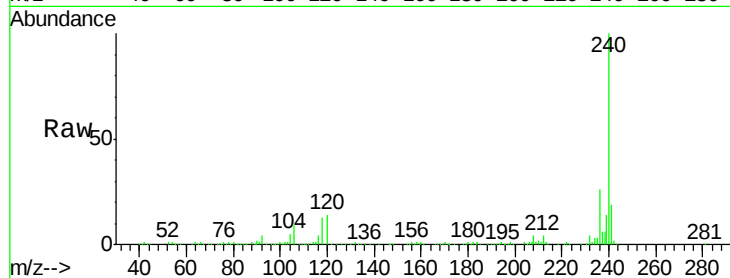
Tot Ion:240 Resp: 274607

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

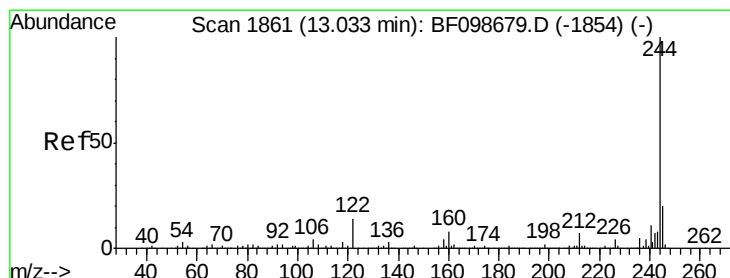
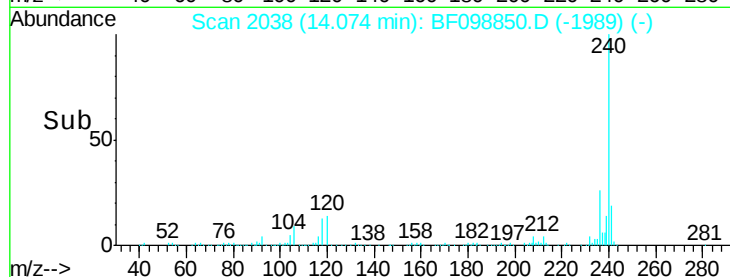
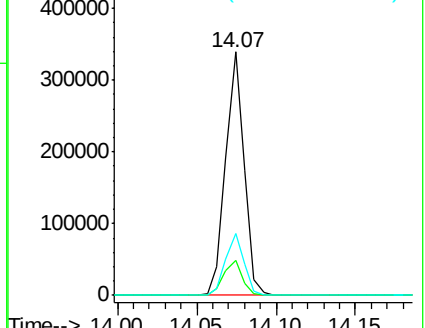
236 25.6 20.7 31.1



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: 89.80 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098850.D

Acq: 26 Sep 2017 23:38

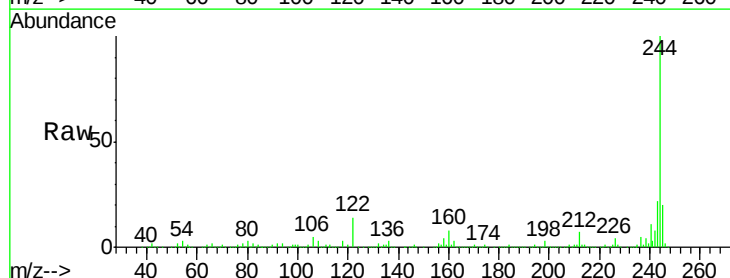
Tgt Ion:244 Resp: 1084339

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

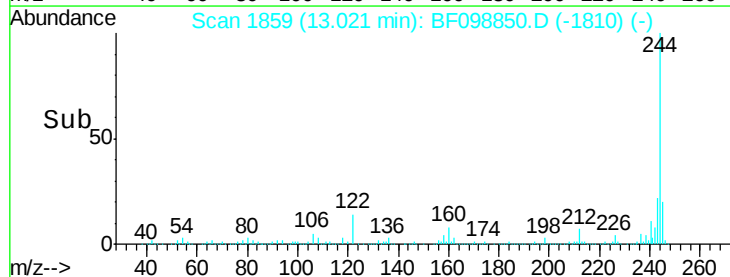
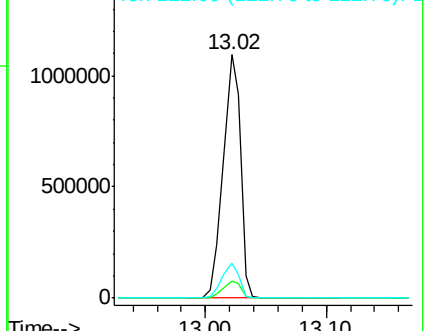
122 14.5 11.0 16.4

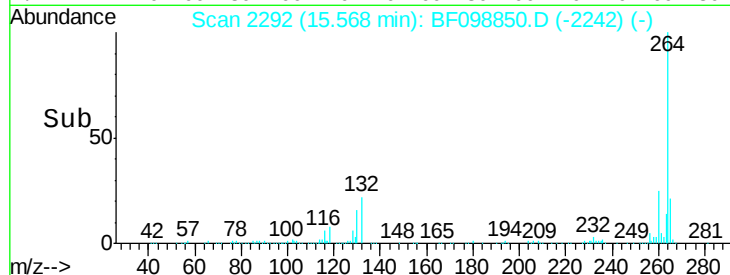
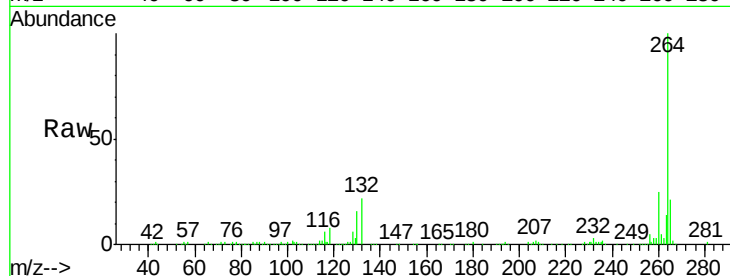
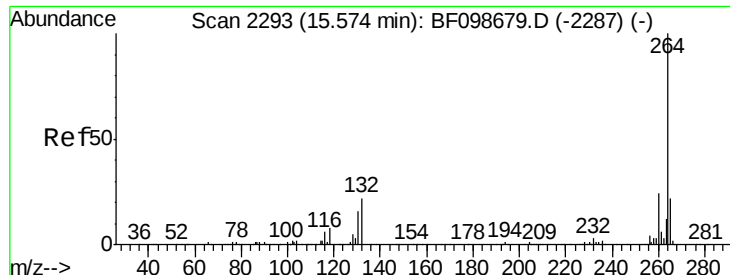


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098850.D
 Acq: 26 Sep 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	258735
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

