

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098601.D
 Acq On : 18 Sep 2017 14:45
 Operator : SJ/JU
 Sample : I5252-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:32:55 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

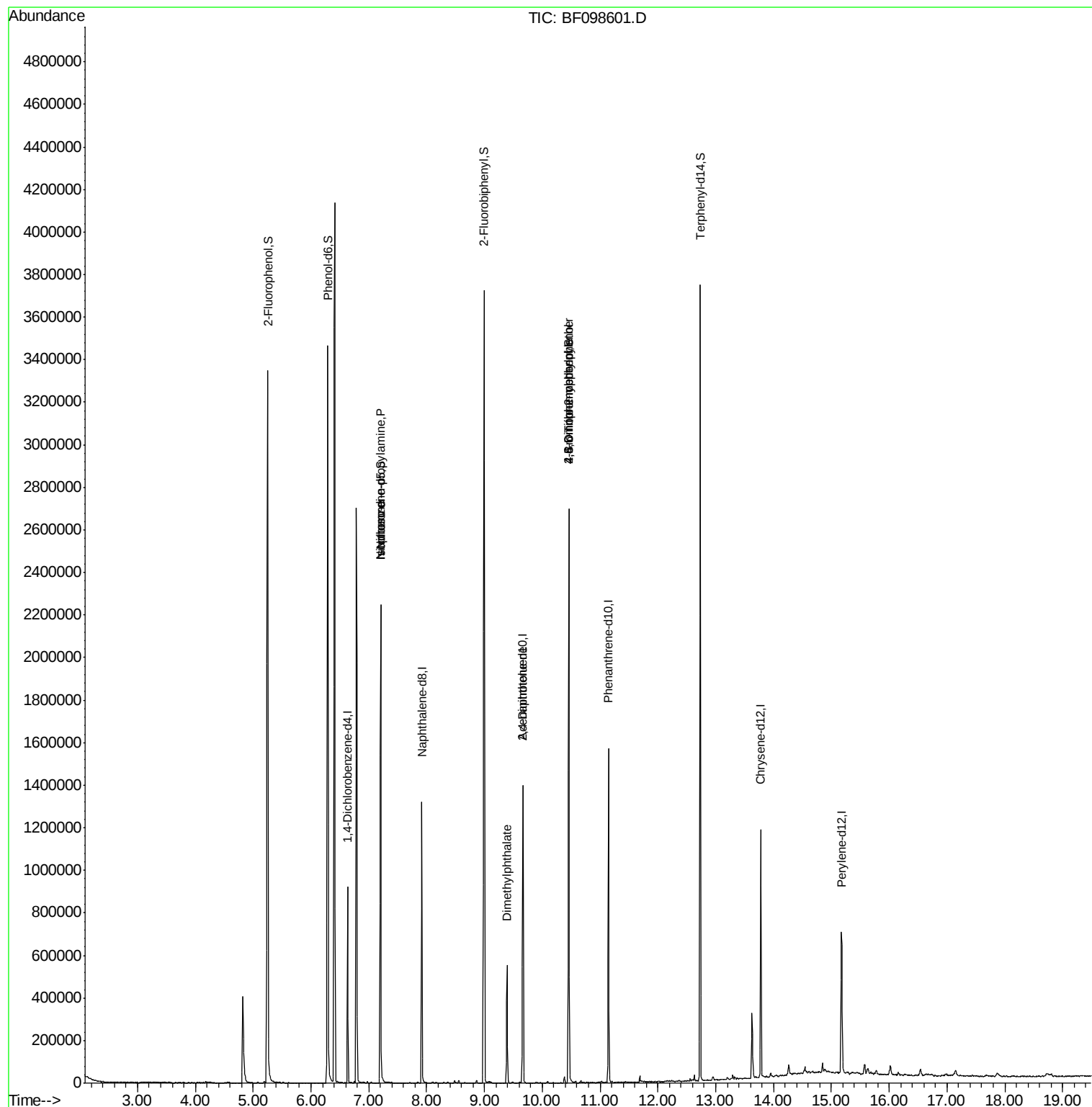
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	132188	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	566725	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	293852	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	570667	20.00	ng	0.00
75) Chrysene-d12	13.78	240	371595	20.00	ng	0.00
86) Perylene-d12	15.17	264	275087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1023031	114.43	ng	0.01
7) Phenol-d6	6.29	99	1270769	111.95	ng	0.00
23) Nitrobenzene-d5	7.20	82	800240	78.72	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	311009	158.58	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1224867	70.65	ng	0.00
78) Terphenyl-d14	12.73	244	1233023	71.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	111417	15.604	ng	# 82
25) Isophorone	7.20	82	800235	38.908	ng	# 67
49) Dimethylphthalate	9.39	163	199827	8.785	ng	# 99
56) 2,4-Dinitrotoluene	9.66	165	37101	6.531	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.46	198	879	5.189	ng	# 21
66) 4-Bromophenyl-phenylether	10.46	248	23552	4.348	ng	# 1

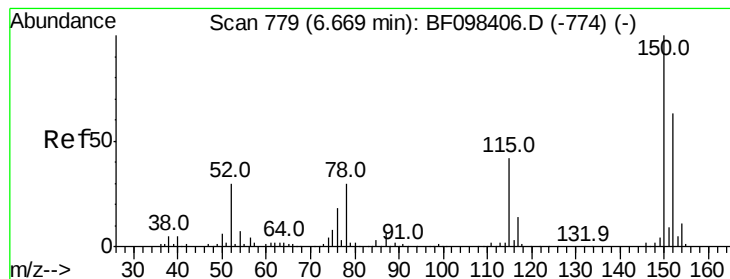
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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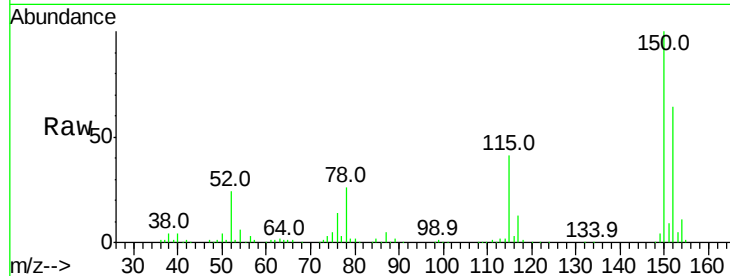


#1

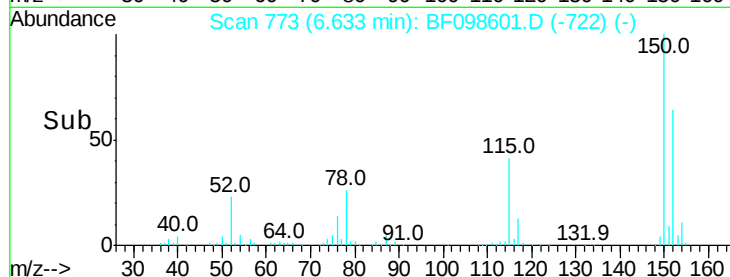
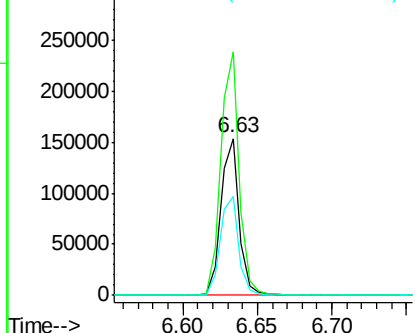
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132188
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 63.0 52.2 78.2



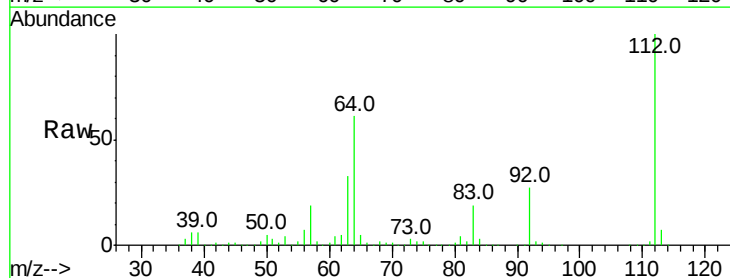
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



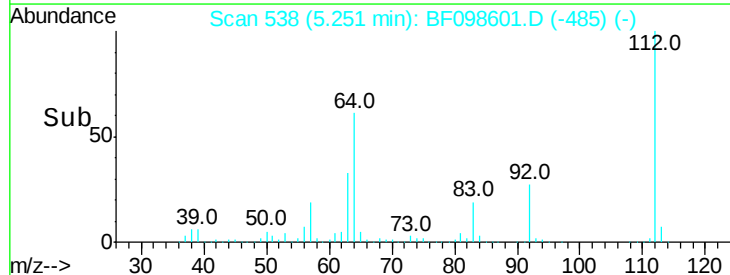
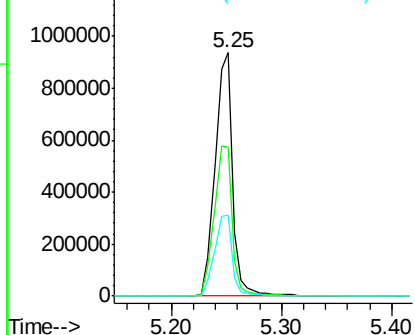
#5

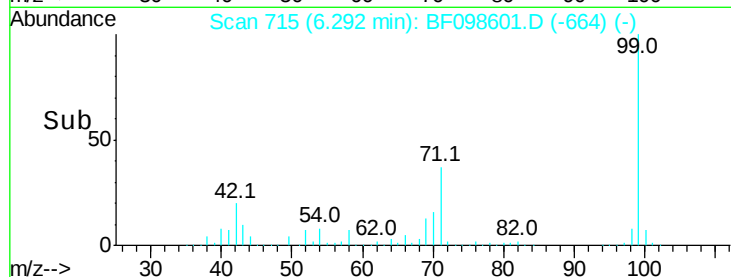
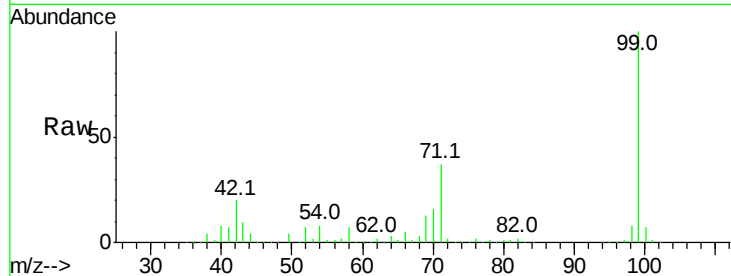
2-Fluorophenol
Concen: 114.426 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

Tgt Ion:112 Resp: 1023031
Ion Ratio Lower Upper
112 100
64 61.2 46.0 69.0
63 33.1 23.4 35.0



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: 111.947 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

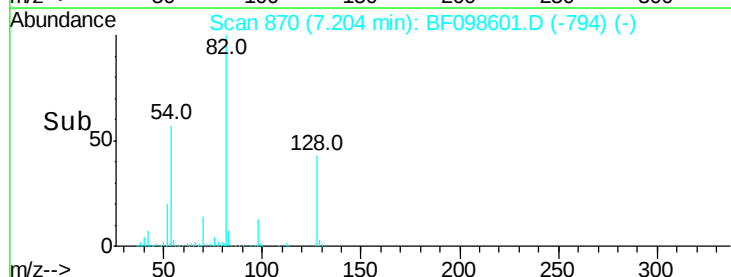
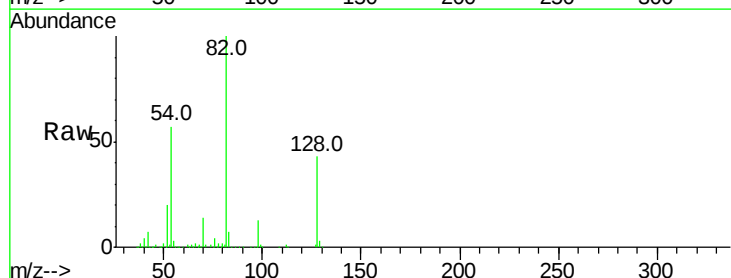
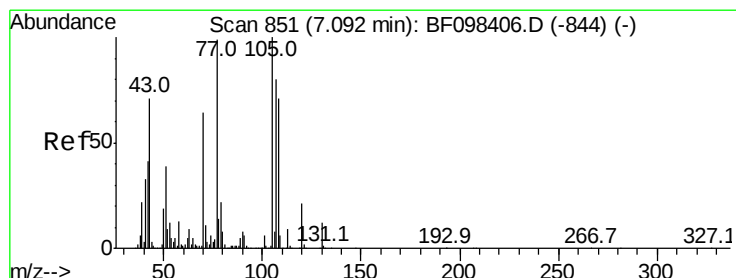
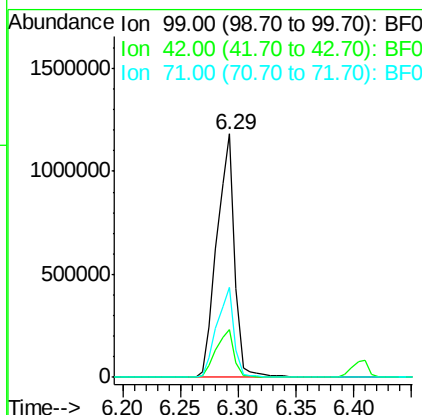
Tot Ion: 99 Resp: 1270769

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

71 37.1 24.5 36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 15.604 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.15 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Tgt Ion: 70 Resp: 111417

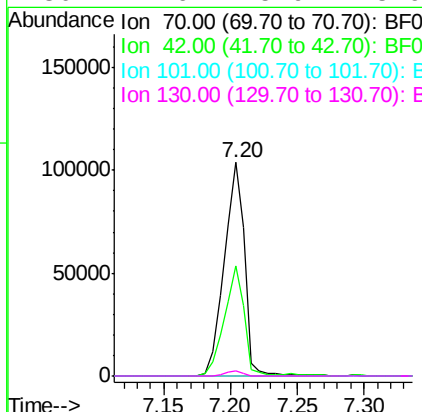
Ion Ratio Lower Upper

70 100

42 51.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

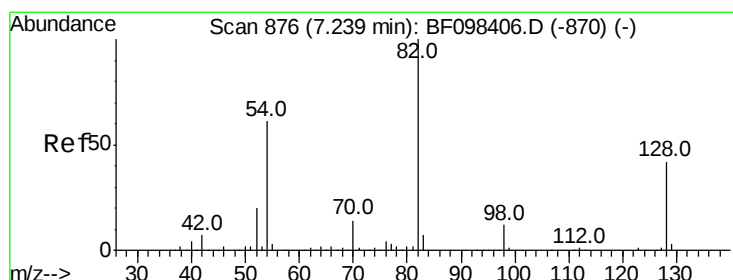
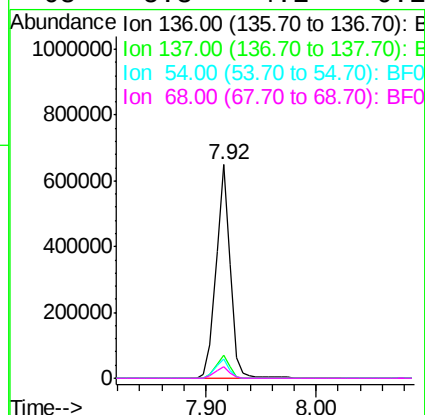
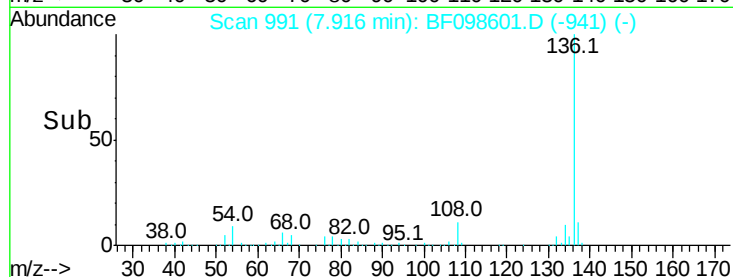
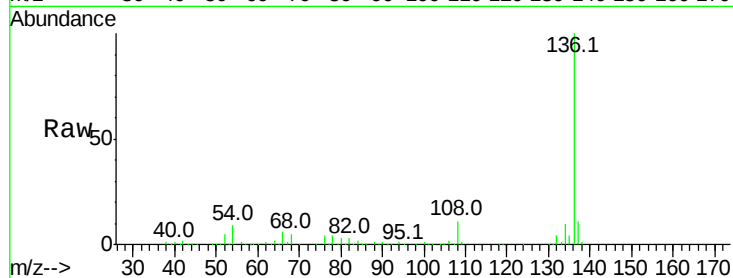




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

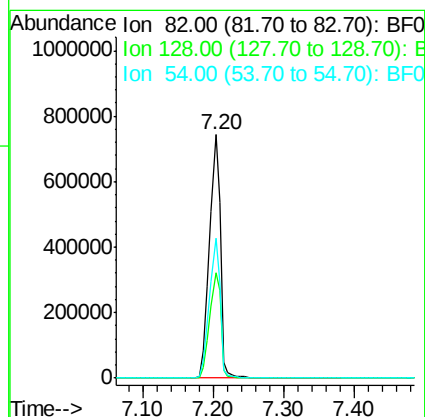
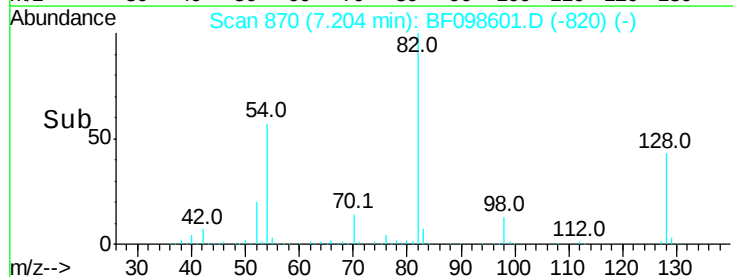
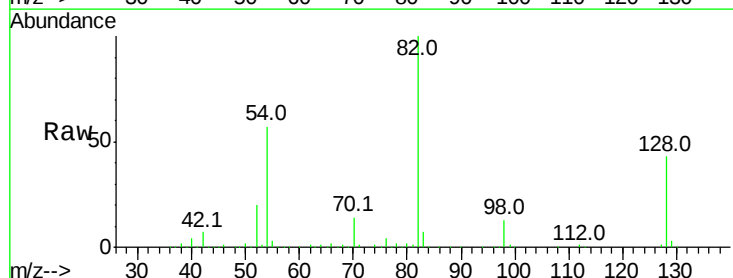
Instrument :
BNA_F
ClientSampled :

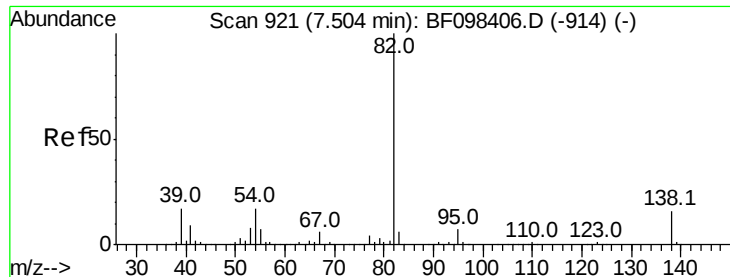
Tot Ion:	136	Resp:	566725
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.2	4.9	7.3#
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 78.721 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

Tgt Ion:	82	Resp:	800240
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	57.4	42.2	63.2





#25

Isophorone

Concen: 38.908 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.26 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

Instrument :

BNA_F

ClientSampleId :

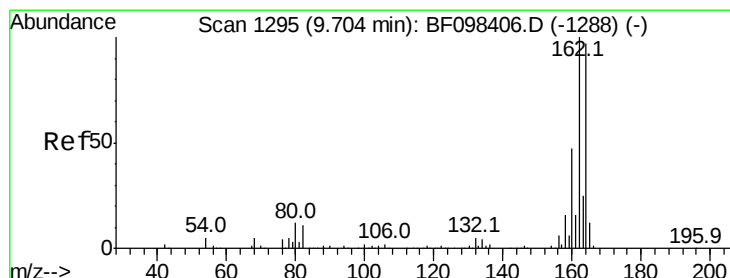
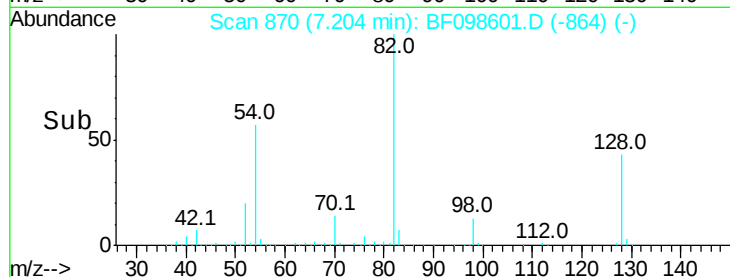
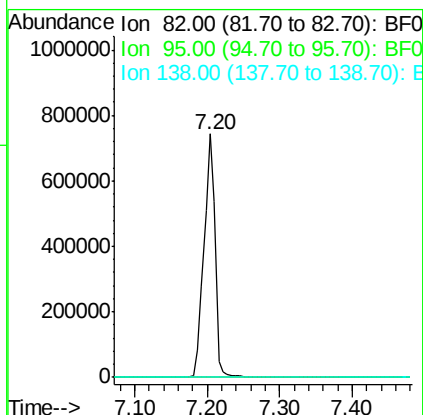
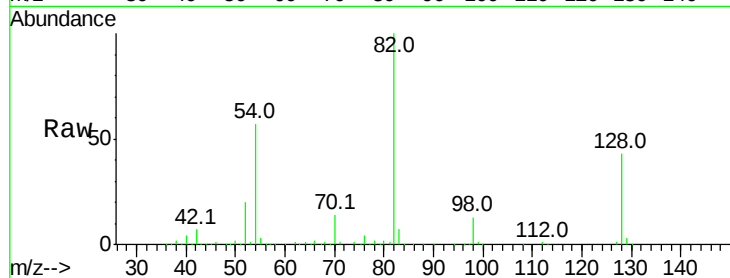
Tot Ion: 82 Resp: 800235

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098601.D

Acq: 18 Sep 2017 14:45

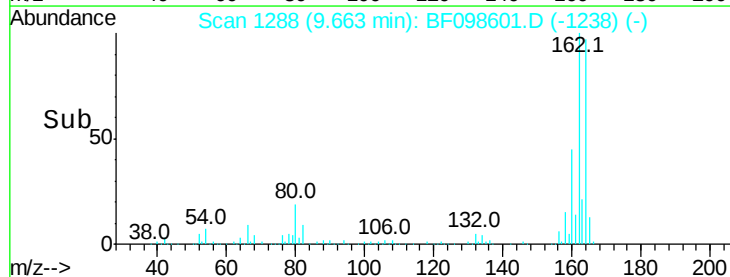
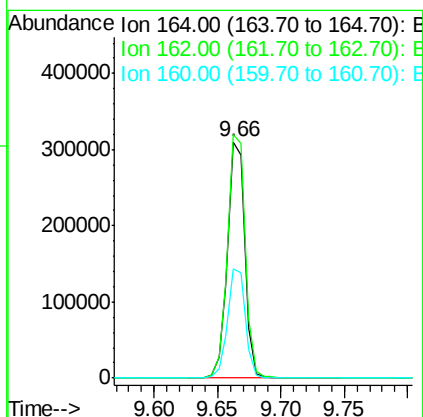
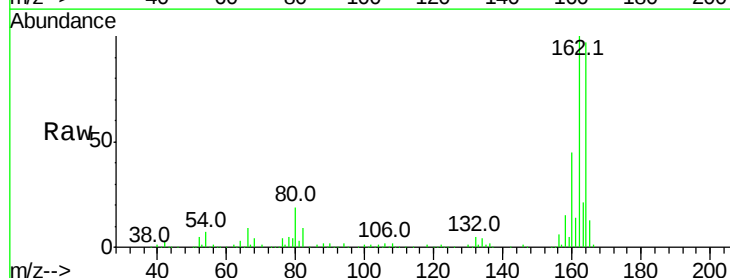
Tgt Ion:164 Resp: 293852

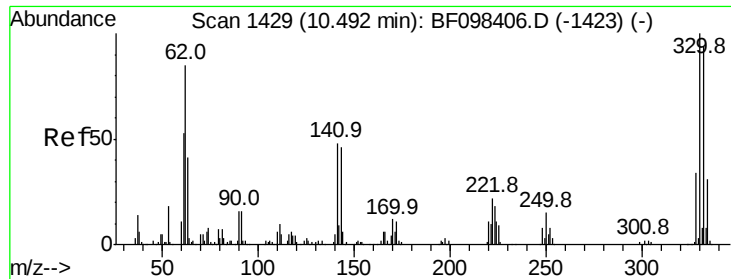
Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 46.2 36.2 54.2

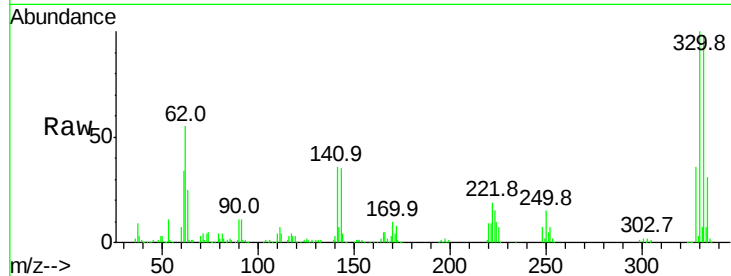




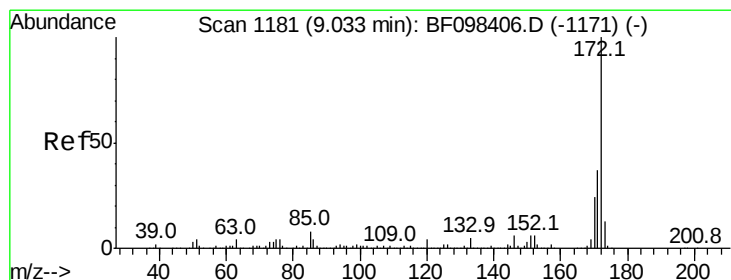
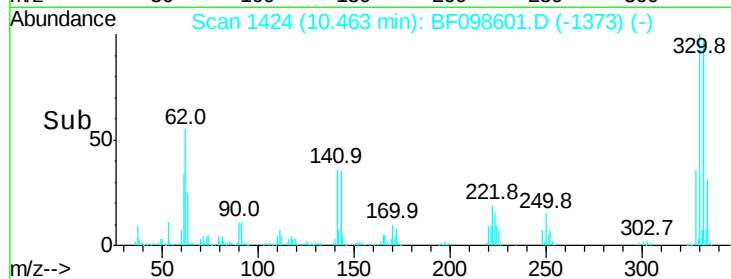
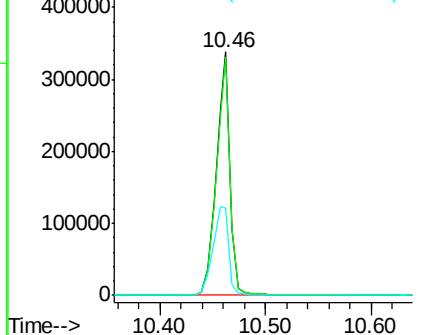
#41
 2,4,6-Tribromophenol
 Concen: 158.579 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 311009
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 42.7 31.4 47.2

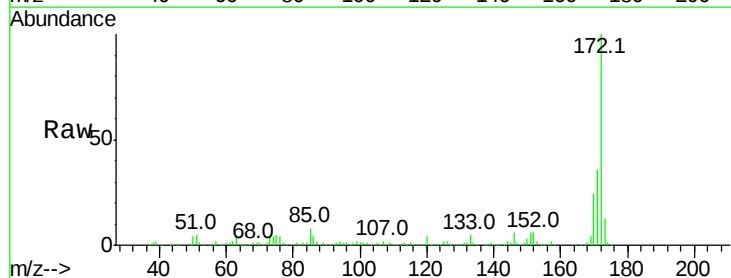


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

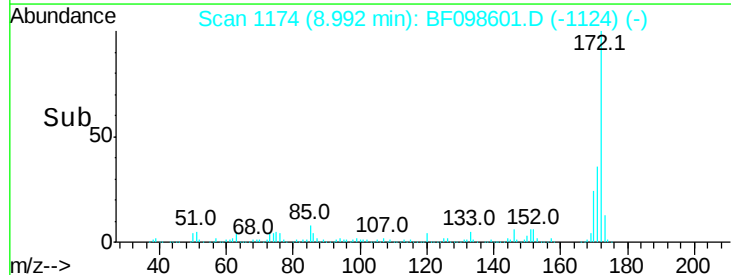
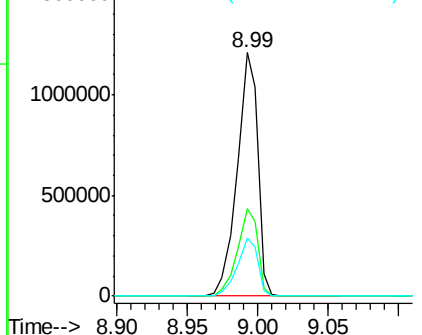


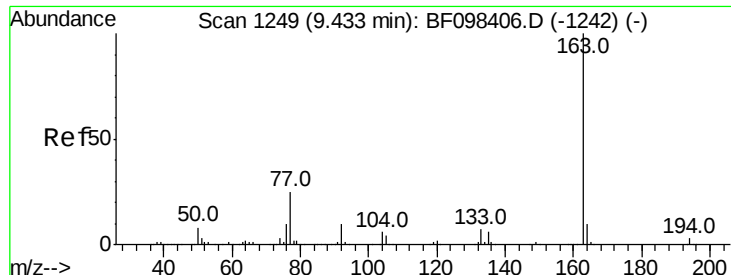
#44
 2-Fluorobiphenyl
 Concen: 70.649 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Tgt Ion:172 Resp: 1224867
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 19.8 29.8



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

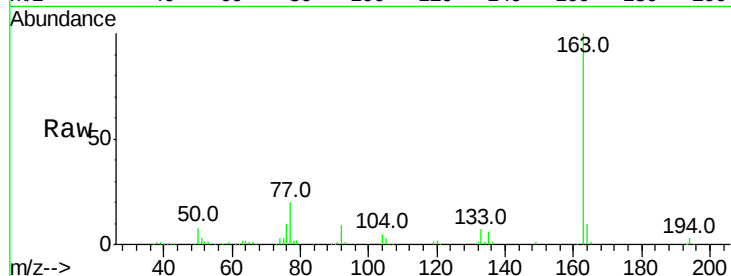




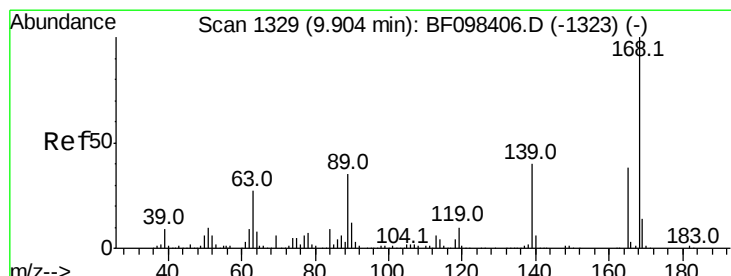
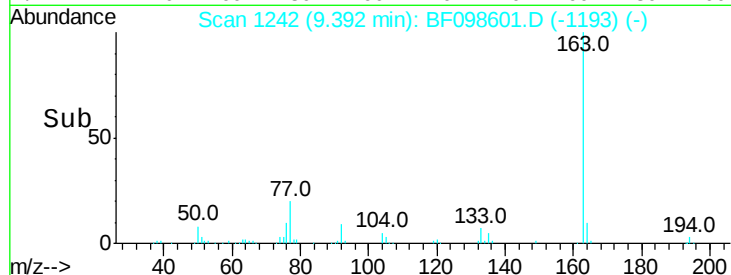
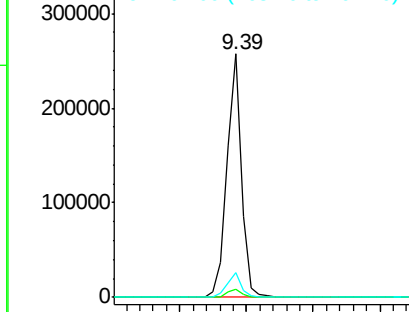
#49
Dimethylphthalate
Concen: 8.785 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 199827
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

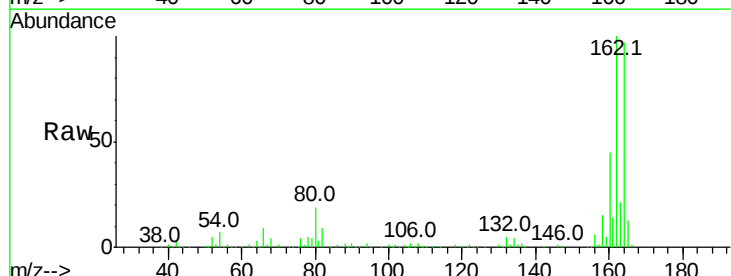


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

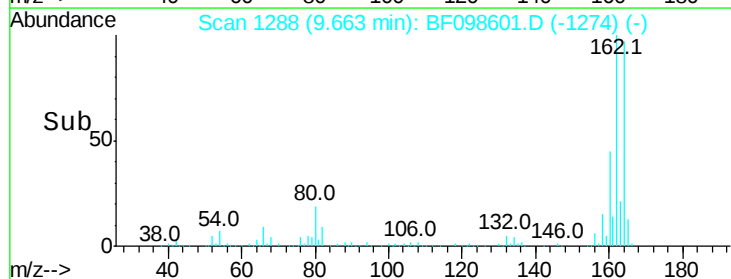
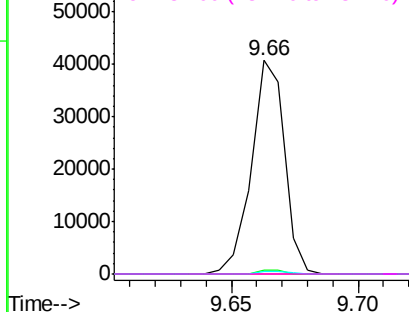


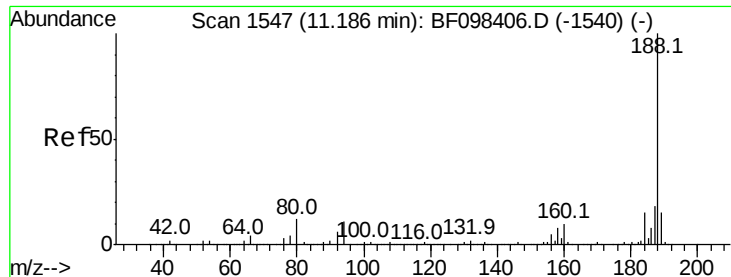
#56
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.22 min
Lab File: BF098601.D
Acq: 18 Sep 2017 14:45

Tgt Ion:165 Resp: 37101
Ion Ratio Lower Upper
165 100
63 2.1 25.4 38.0#
89 1.5 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

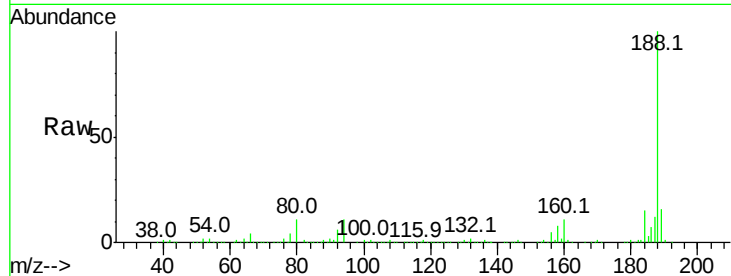




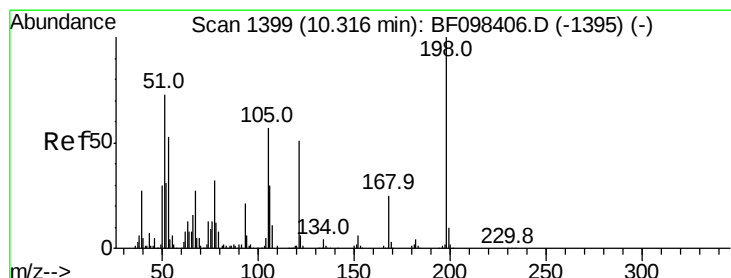
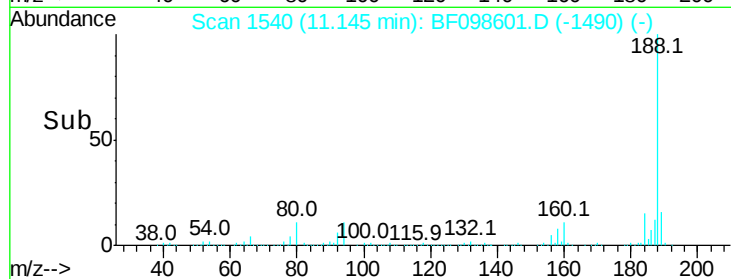
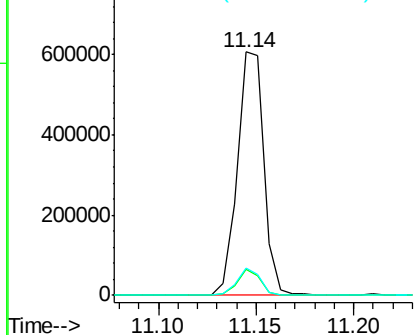
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 570667
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.2 10.2 15.2

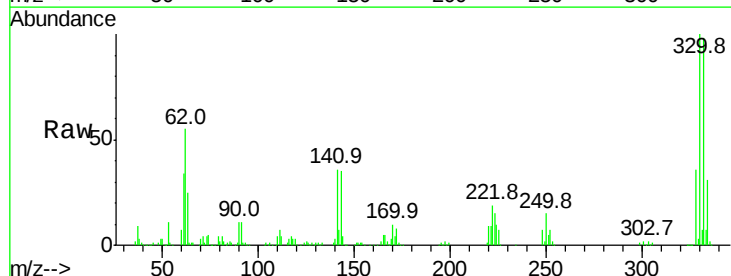


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

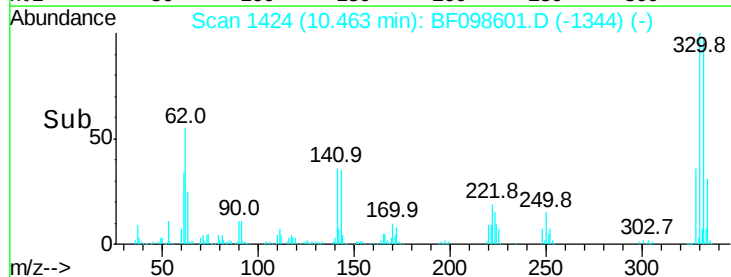
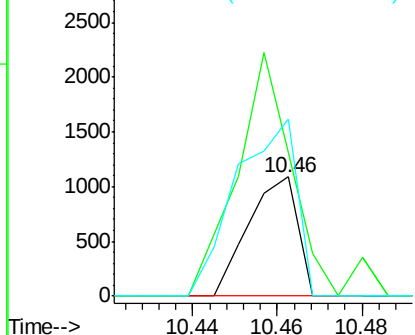


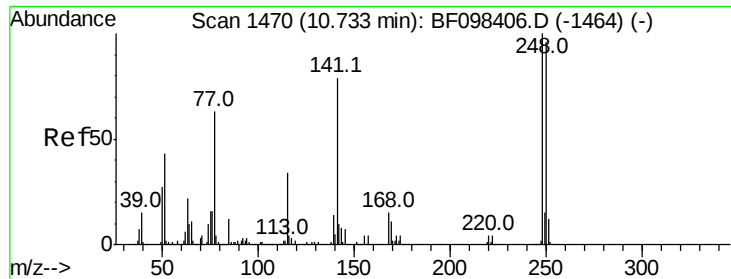
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.189 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.17 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Tgt Ion:198 Resp: 879
 Ion Ratio Lower Upper
 198 100
 51 120.6 53.2 93.2#
 105 148.7 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

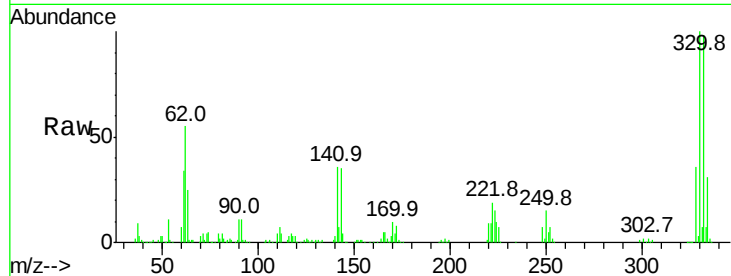




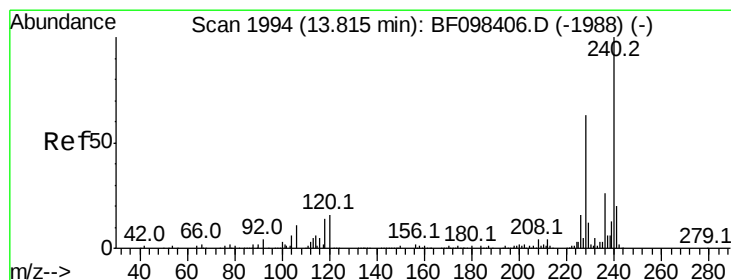
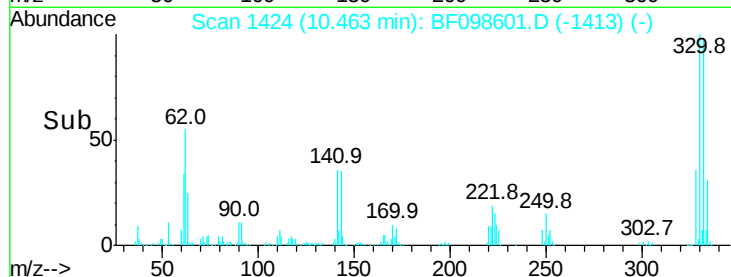
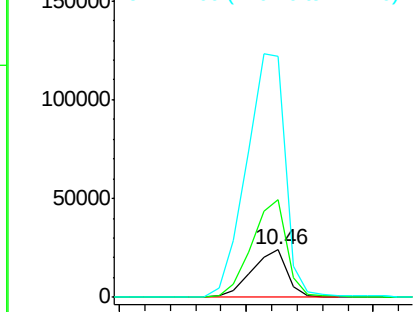
#66
 4-Bromophenyl-phenylether
 Concen: 4.348 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.24 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 23552
 Ion Ratio Lower Upper
 248 100
 250 205.9 76.8 115.2#
 141 504.8 68.6 103.0#

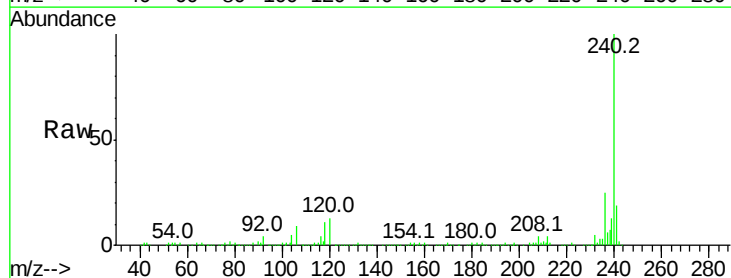


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

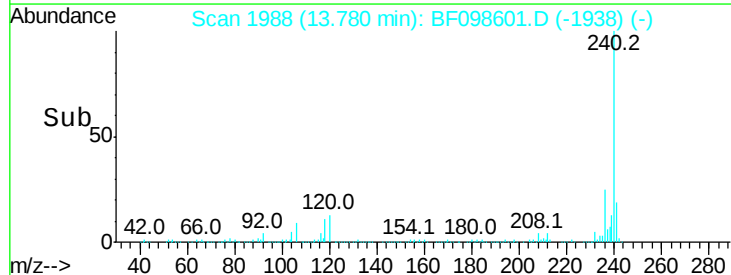
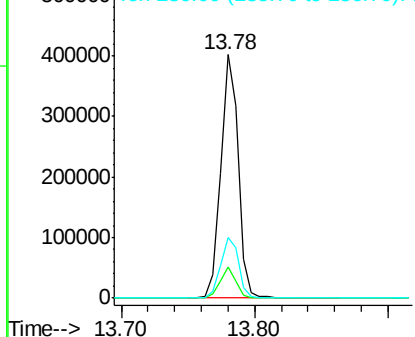


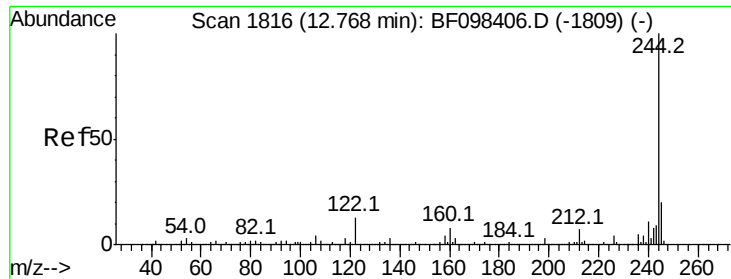
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Tgt Ion:240 Resp: 371595
 Ion Ratio Lower Upper
 240 100
 120 12.9 5.8 8.8#
 236 25.1 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



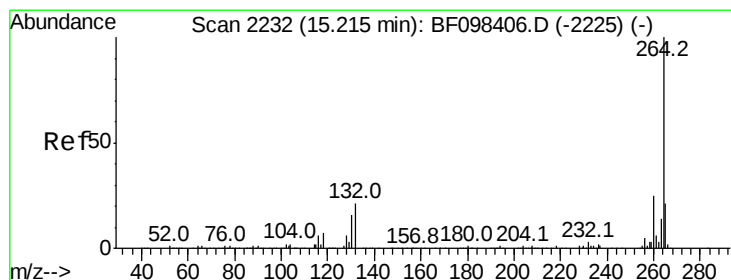
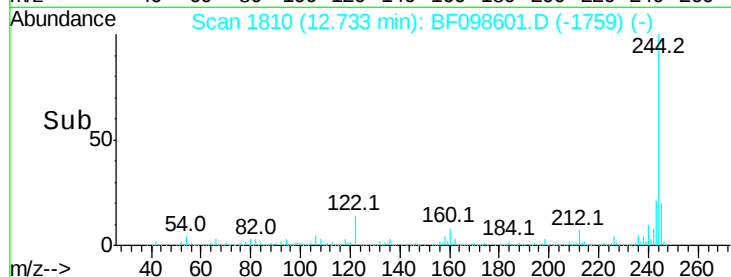
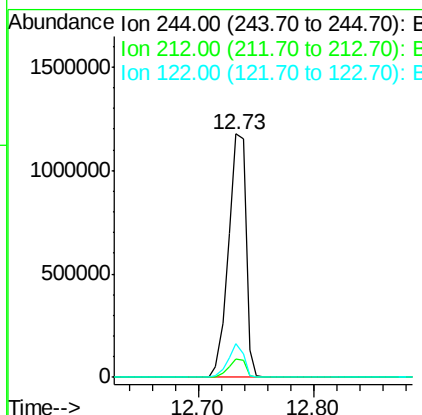
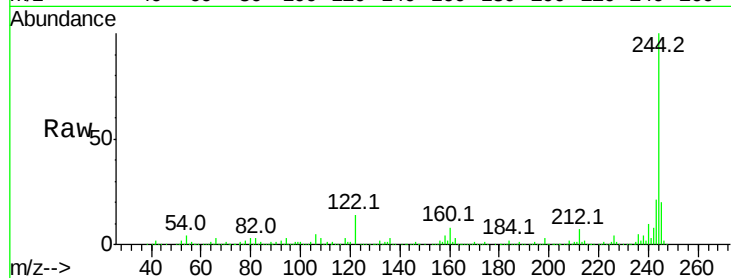


#78
 Terphenyl-d14
 Concen: 71.622 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1233023

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098601.D
 Acq: 18 Sep 2017 14:45

Tgt Ion:264 Resp: 275087

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8

