

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099250.D
 Acq On : 9 Oct 2017 00:12
 Operator : SJ/JU
 Sample : I5706-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:16:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

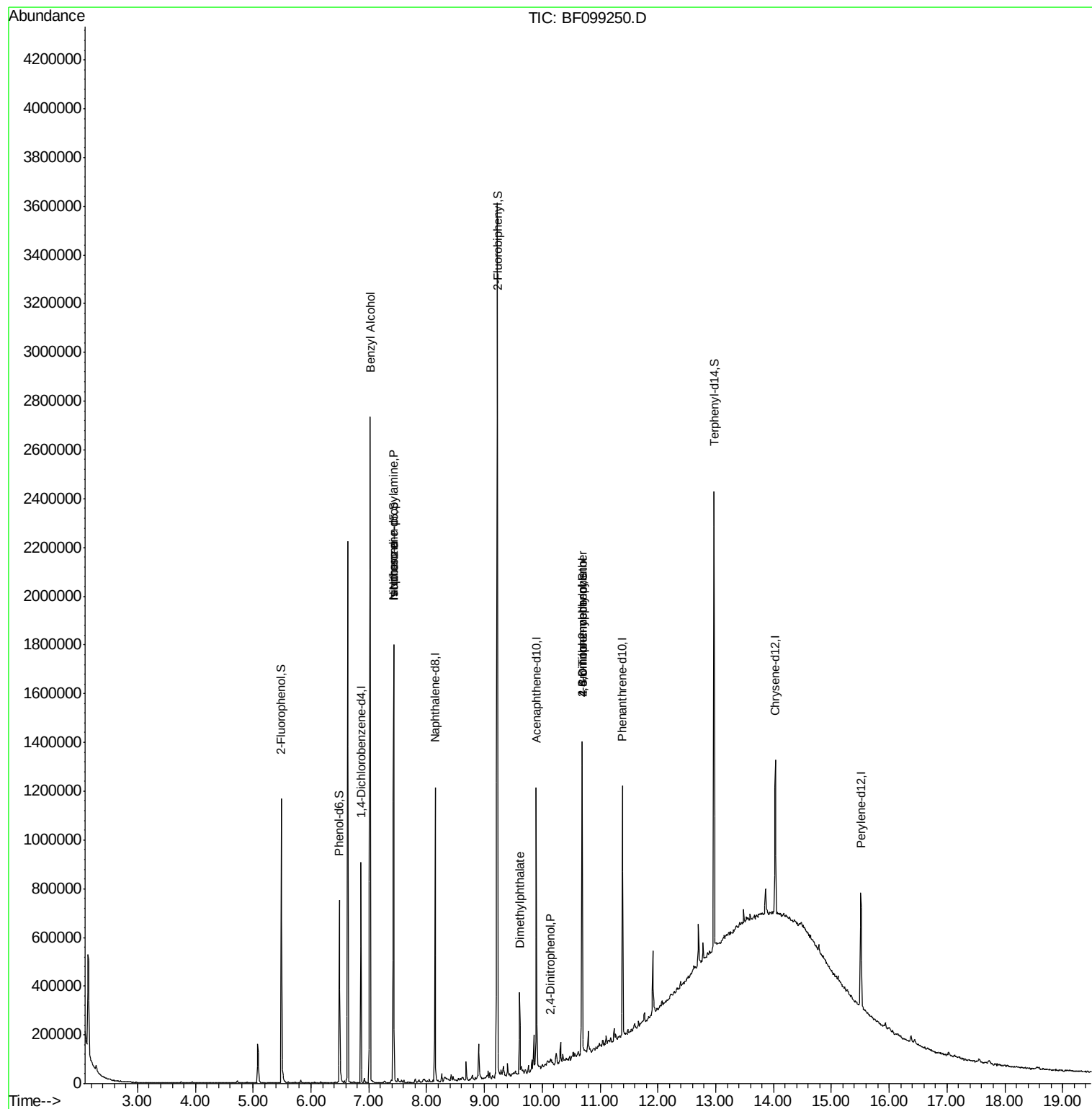
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122192	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	499495	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	218891	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	347582	20.00	ng	0.00
75) Chrysene-d12	14.03	240	214102	20.00	ng	0.00
86) Perylene-d12	15.51	264	212671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	351201	45.75	ng	0.00
7) Phenol-d6	6.49	99	264508	27.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	694000	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	154788	86.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1199982	91.52	ng	0.00
78) Terphenyl-d14	12.97	244	706121	75.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.02	79	20611	2.97	ng	# 64
19) n-Nitroso-di-n-propylamine	7.43	70	90341	14.94	ng	# 76
25) Isophorone	7.43	82	693984	43.10	ng	# 64
49) Dimethylphthalate	9.61	163	122777	7.43	ng	# 99
53) 2,4-Dinitrophenol	10.14	184	121	5.89	ng	# 47
64) 4,6-Dinitro-2-methylphenol	10.69	198	7508	3.55	ng	# 57
66) 4-Bromophenyl-phenylether	10.69	248	10204	3.00	ng	# 1

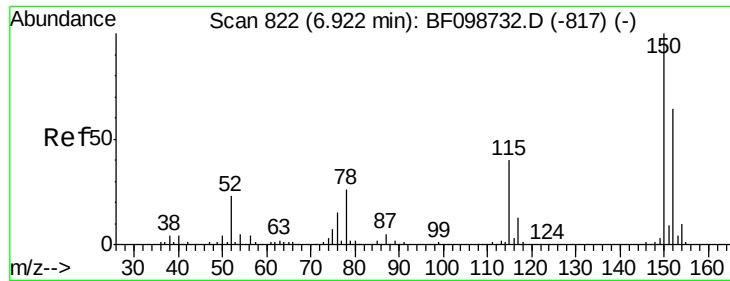
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099250.D
Acq On : 9 Oct 2017 00:12
Operator : SJ/JU
Sample : I5706-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 01:16:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



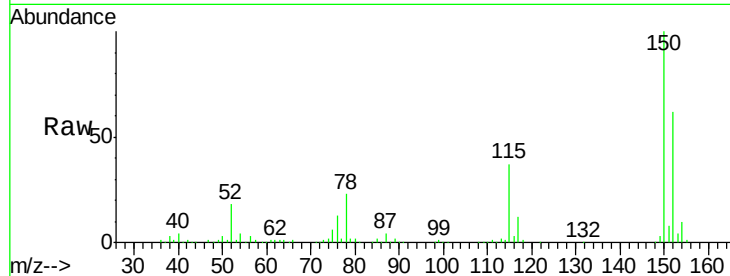


#1

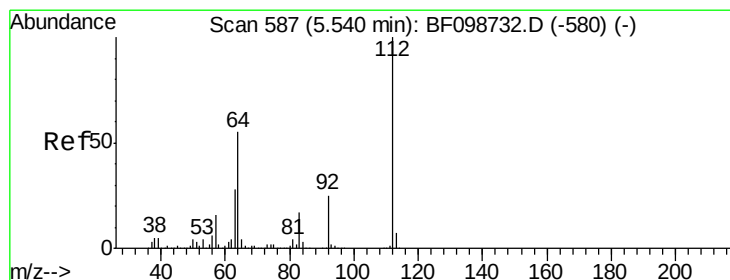
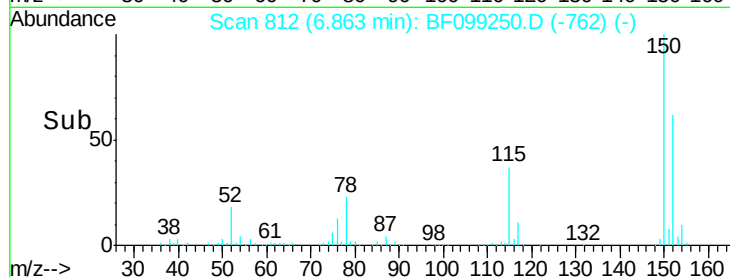
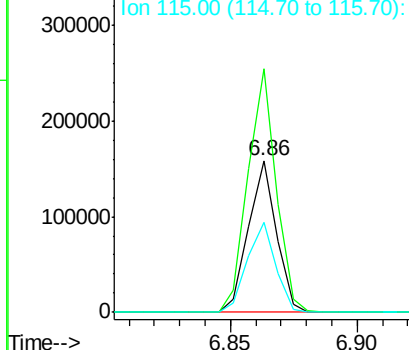
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	59.7	50.1	75.1



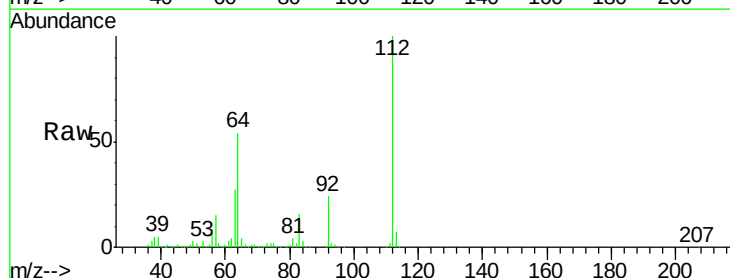
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



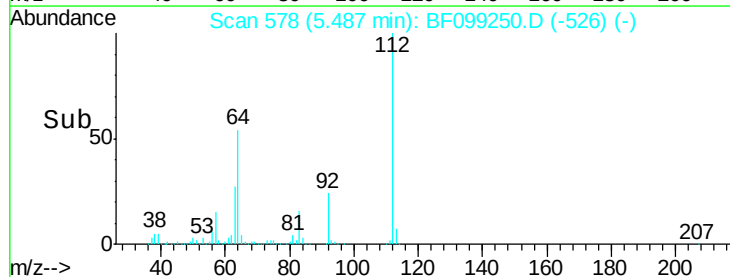
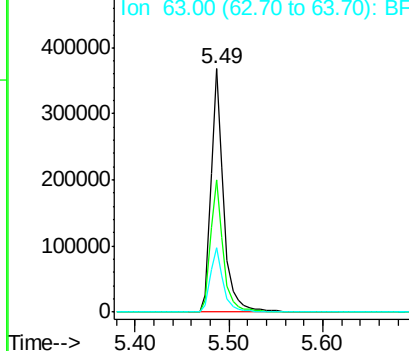
#5

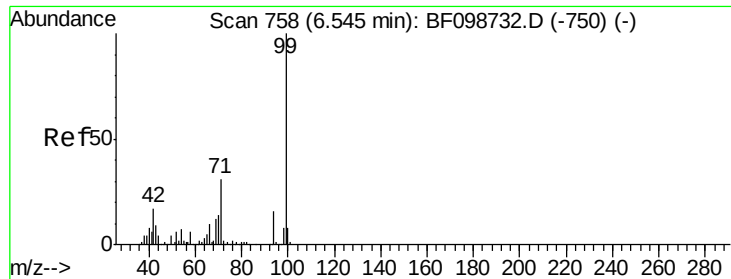
2-Fluorophenol
Concen: 45.75 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	26.7	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: 27.93 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

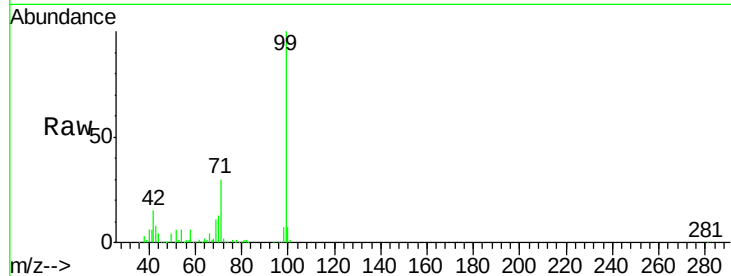
Tot Ion: 99 Resp: 264508

Ion Ratio Lower Upper

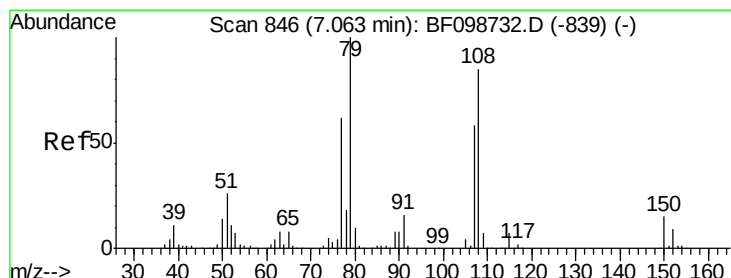
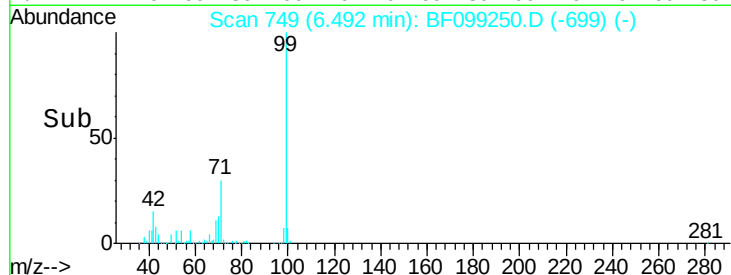
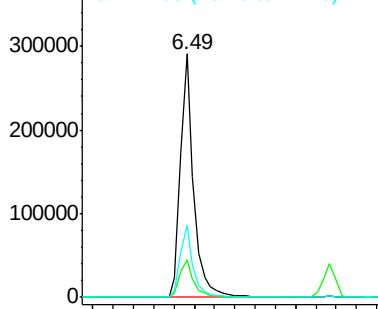
99 100

42 15.3 14.5 21.7

71 29.8 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



#15

Benzyl Alcohol

Concen: 2.97 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

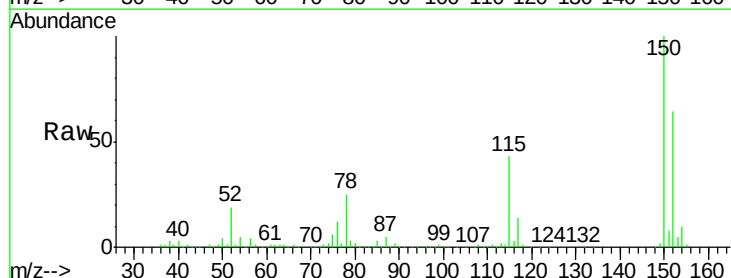
Tgt Ion: 79 Resp: 20611

Ion Ratio Lower Upper

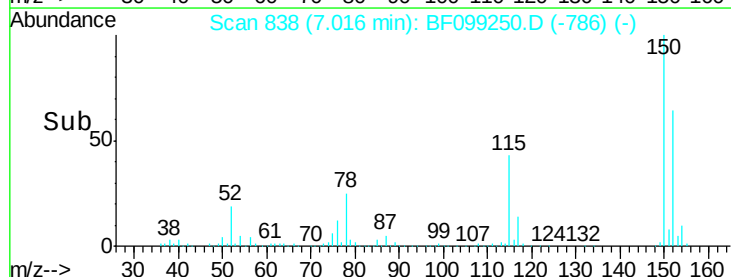
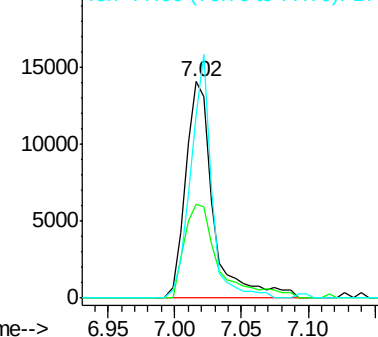
79 100

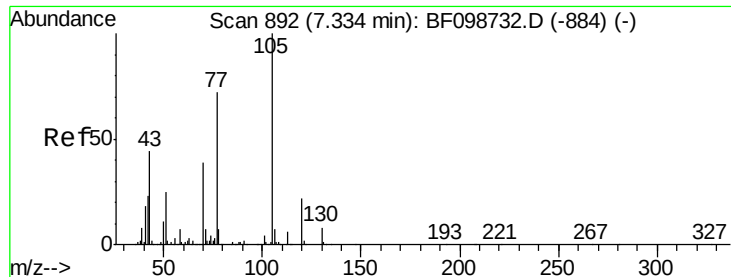
108 43.2 65.1 97.7#

77 85.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

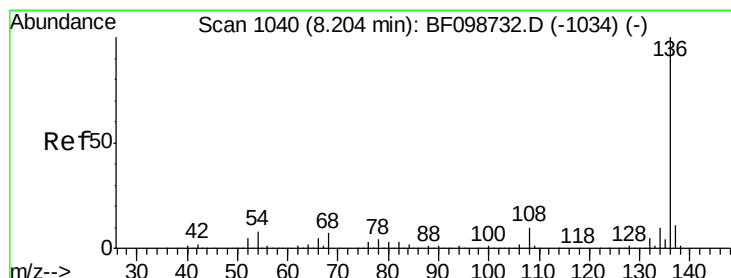
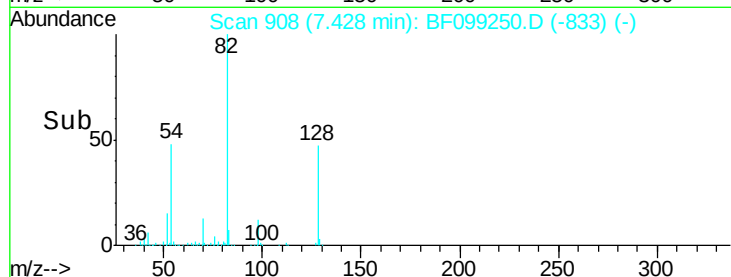
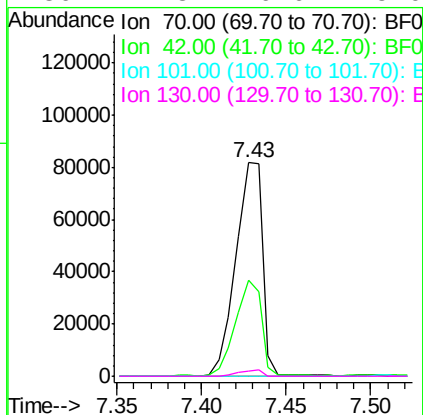
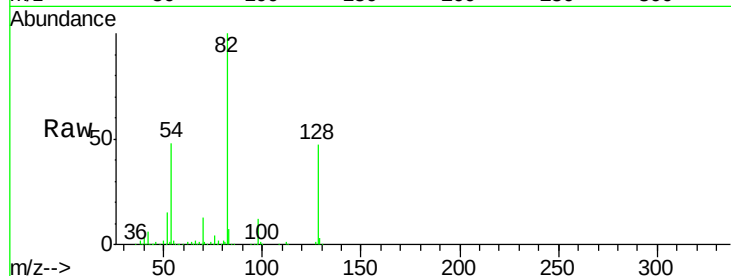




#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

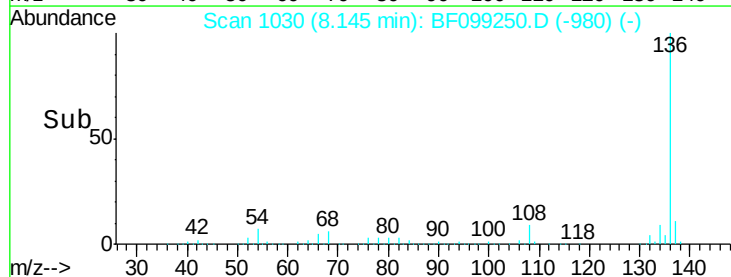
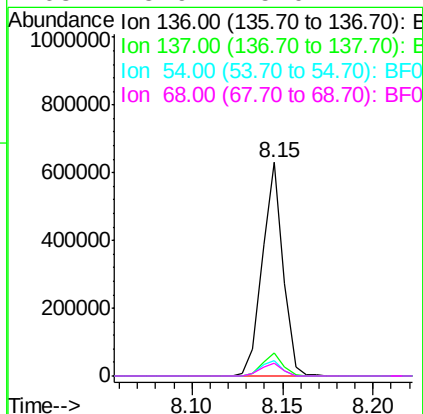
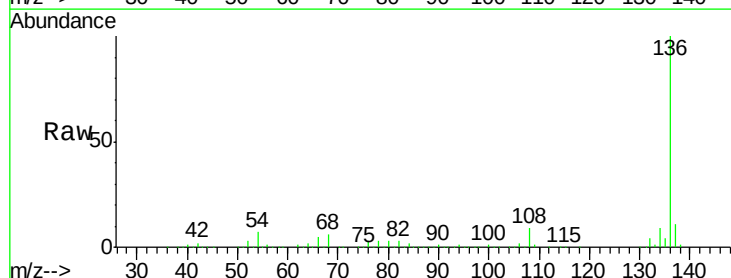
Instrument :
BNA_F
ClientSampleId :

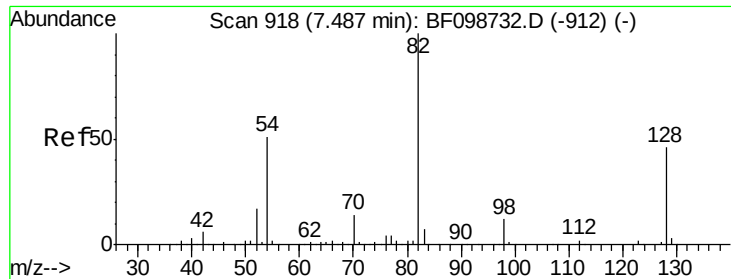
Tot Ion: 70 Resp: 90341
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion: 136 Resp: 499495
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.0 6.6 9.8
68 5.9 5.0 7.4

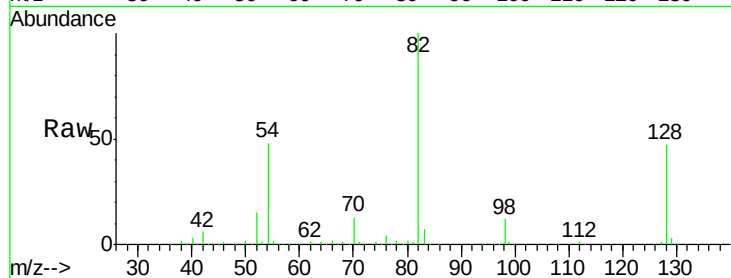




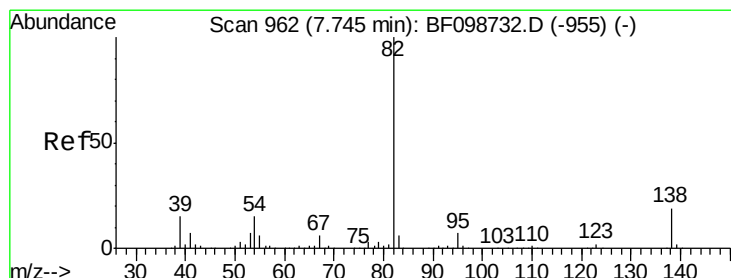
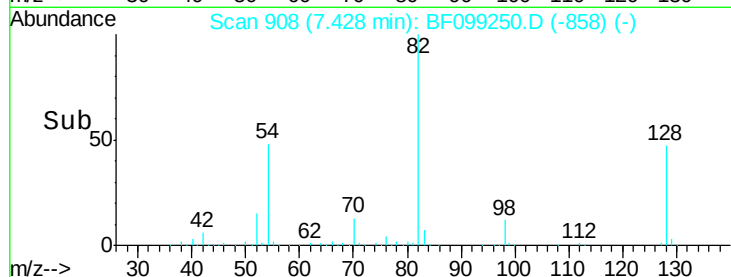
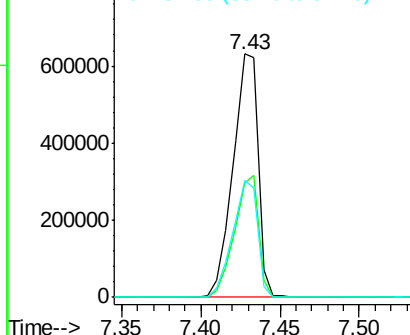
#23
 Nitrobenzene-d5
 Concen: 89.10 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	694000
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	48.0	41.4	62.2

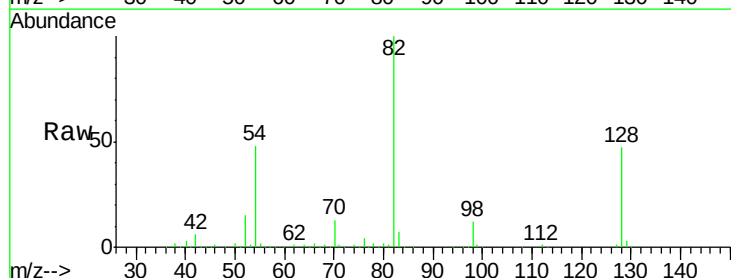


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

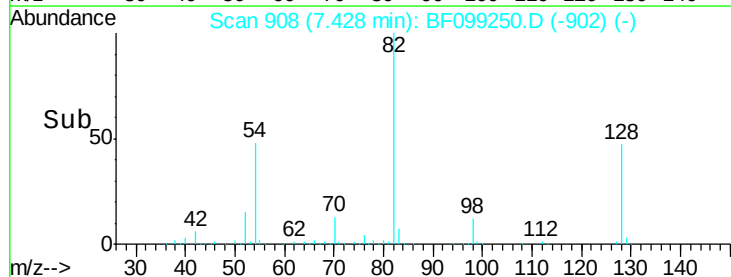
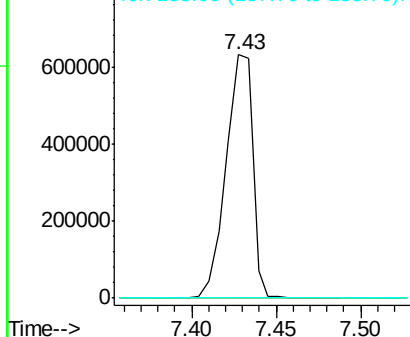


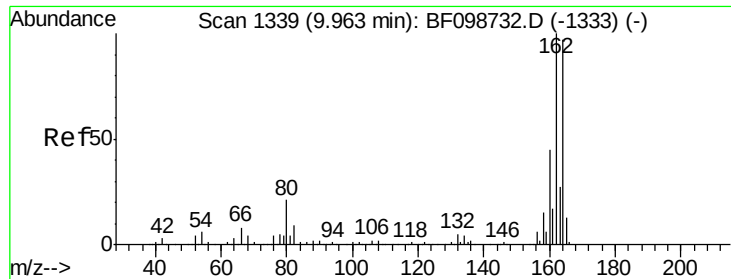
#25
 Isophorone
 Concen: 43.10 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Tgt Ion	82	Resp	693984
Ion Ratio	100	Lower	Upper
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

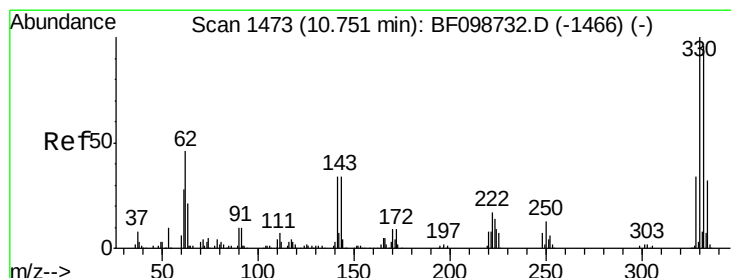
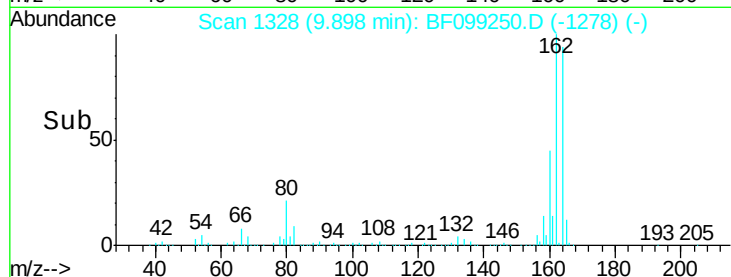
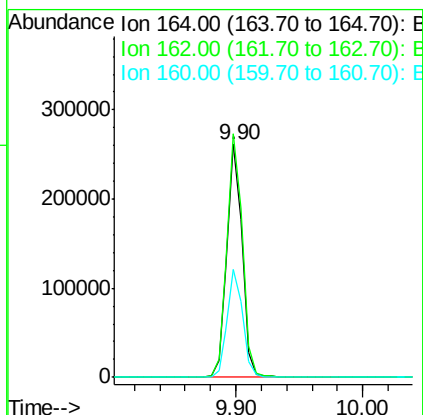
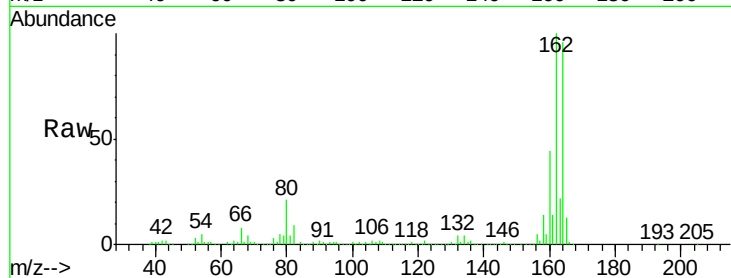




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

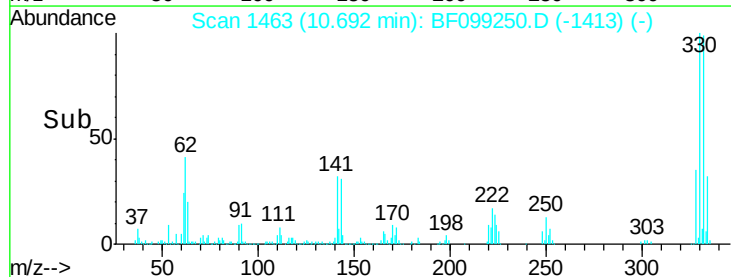
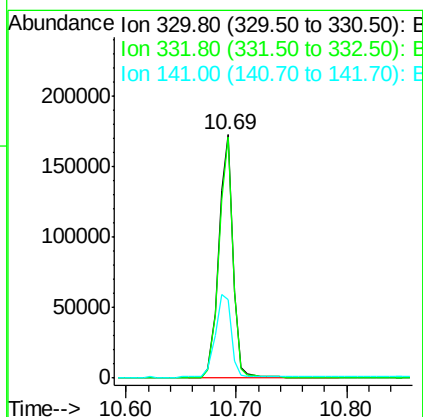
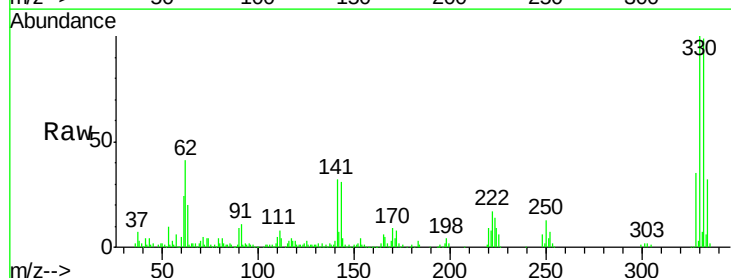
Instrument :
 BNA_F
 ClientSampleId :

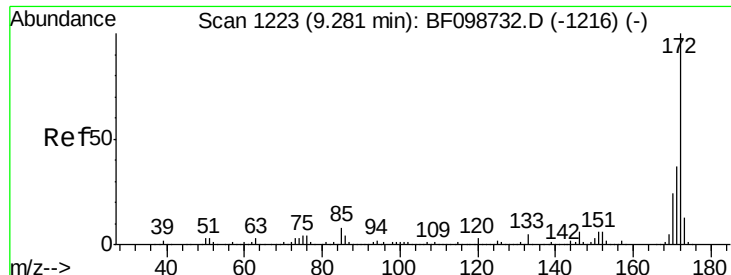
Tot Ion:164 Resp: 218891
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 86.42 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Tgt Ion:330 Resp: 154788
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 38.1 29.9 44.9

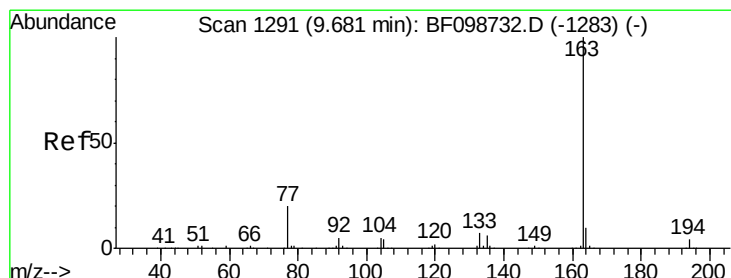
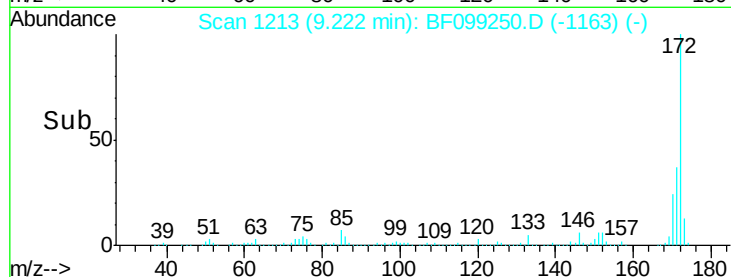
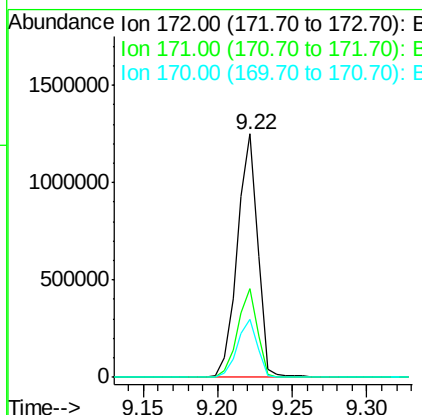
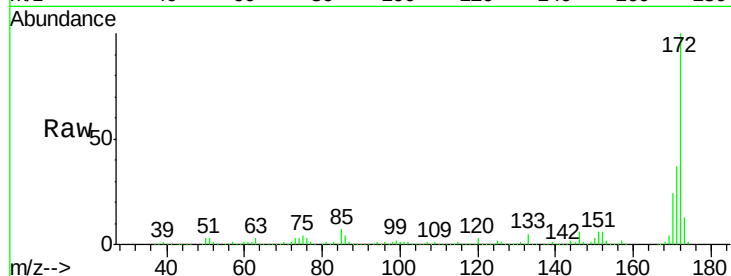




#44
2-Fluorobiphenyl
Concen: 91.52 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

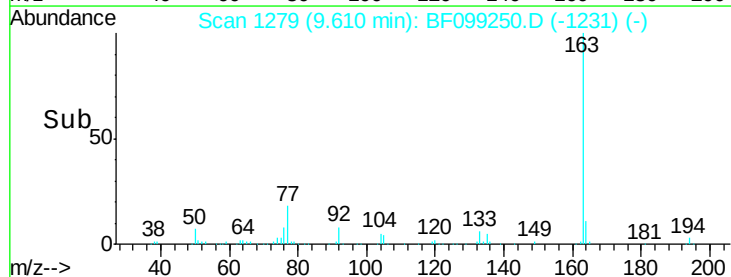
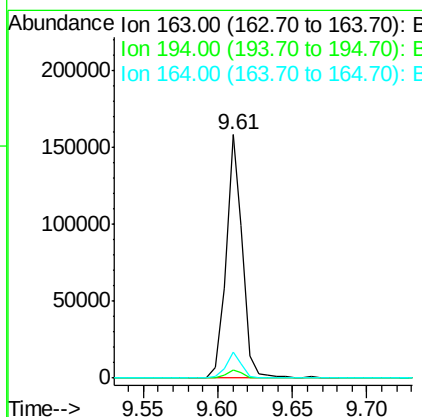
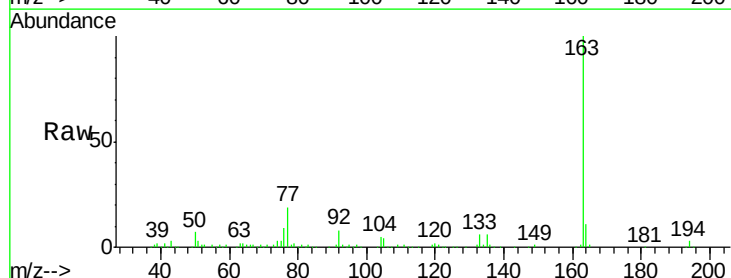
Instrument :
BNA_F
ClientSampleId :

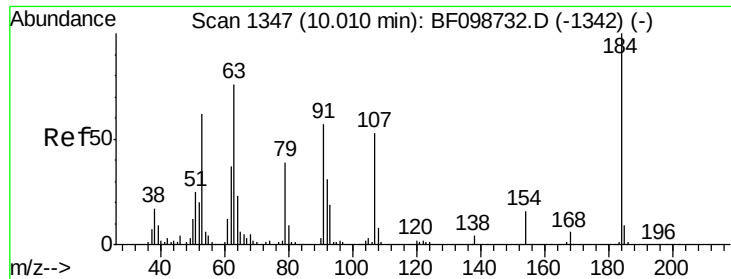
Tot Ion:172 Resp: 1199982
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 7.43 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion:163 Resp: 122777
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.6 8.2 12.2

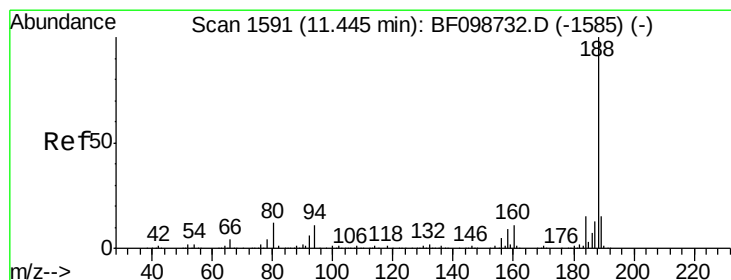
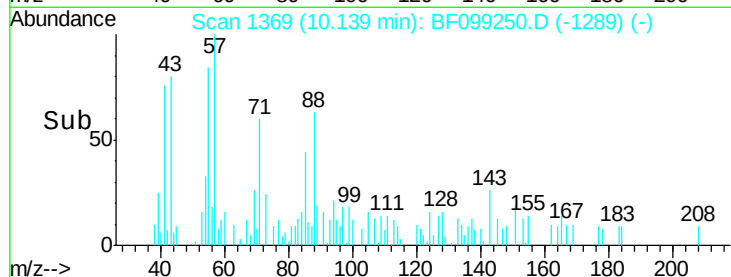
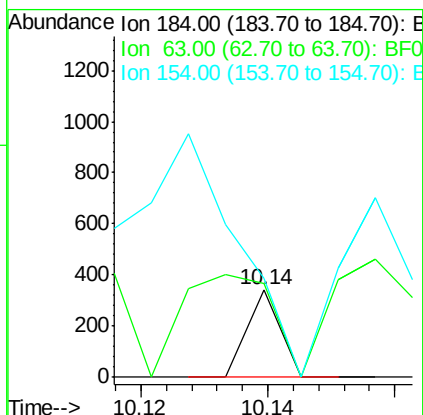
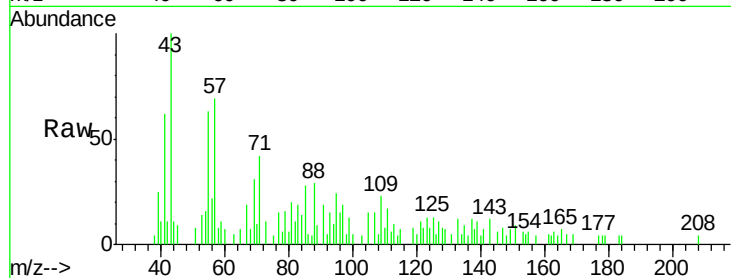




#53
 2,4-Dinitrophenol
 Concen: 5.89 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.17 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

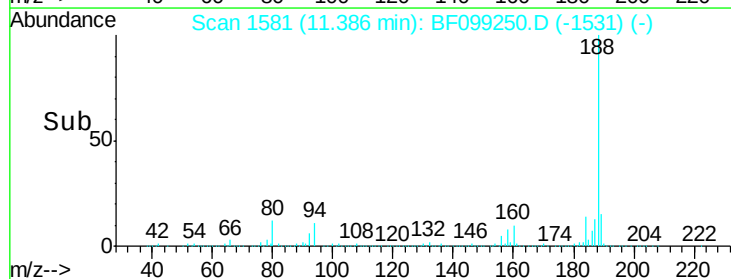
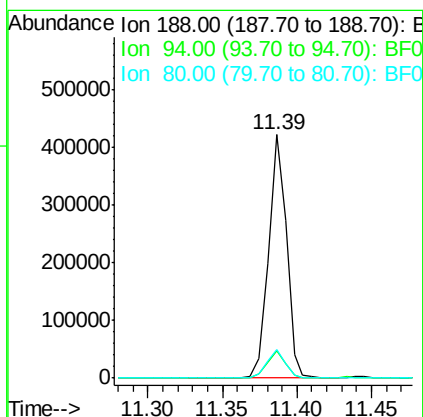
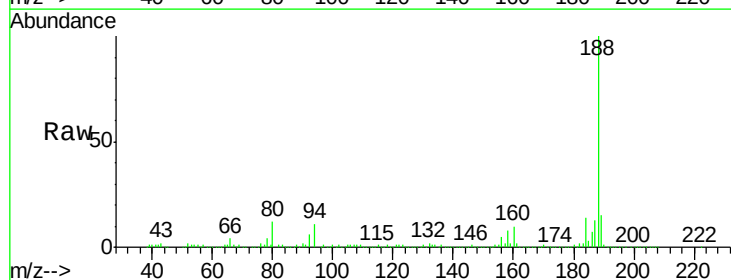
Instrument :
 BNA_F
 ClientSampleId :

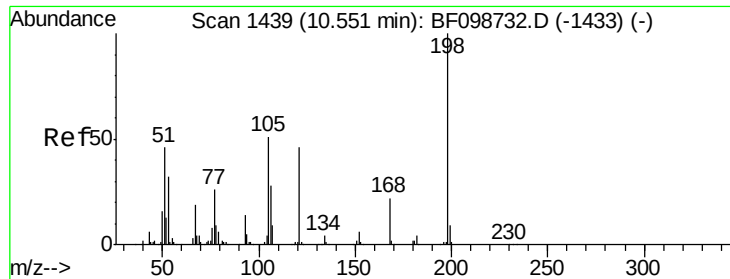
Tot Ion:184 Resp: 121
 Ion Ratio Lower Upper
 184 100
 63 107.3 54.2 81.2#
 154 113.2 53.5 80.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099250.D
 Acq: 9 Oct 2017 00:12

Tgt Ion:188 Resp: 347582
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.9 9.2 13.8

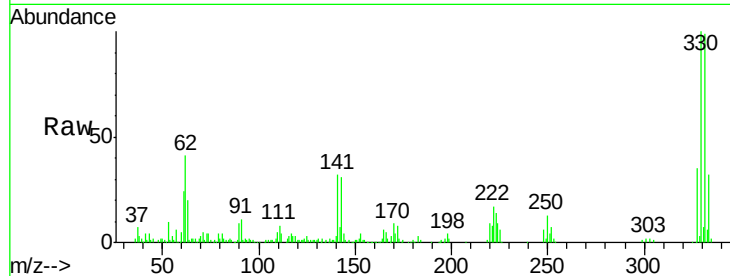




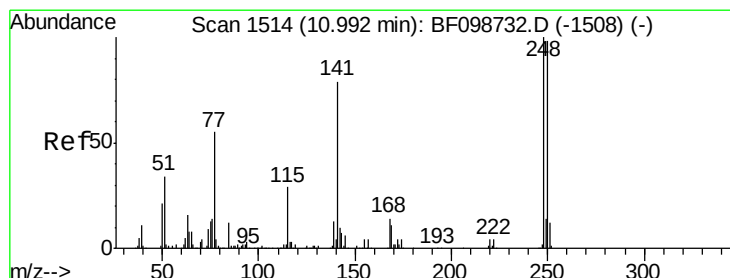
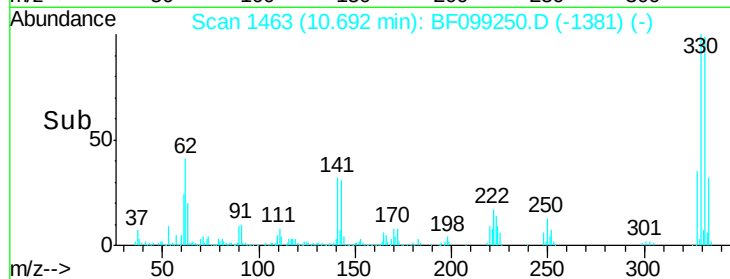
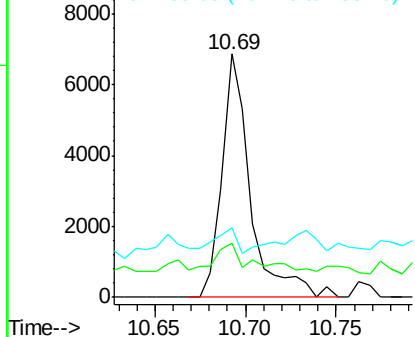
#64
4,6-Dinitro-2-methylphenol
Concen: 3.55 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.18 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 7508
Ion Ratio Lower Upper
198 100
51 22.0 37.7 77.7#
105 28.5 36.3 76.3#

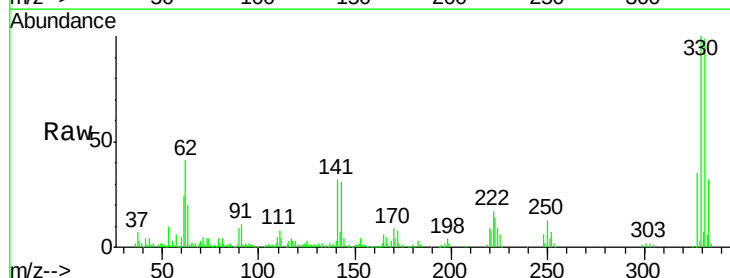


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

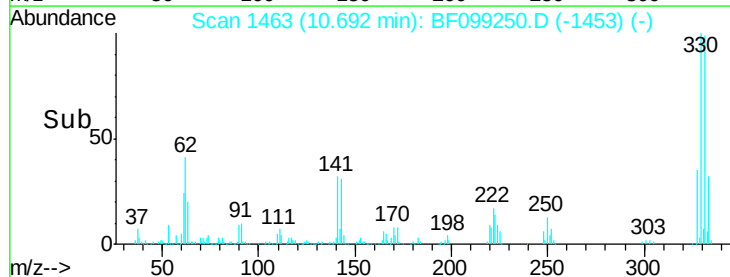
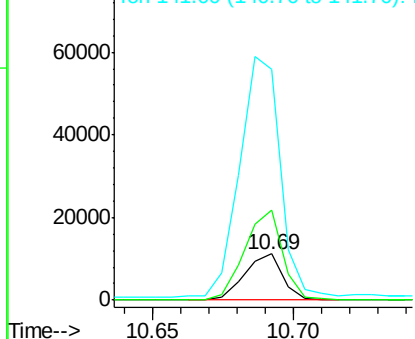


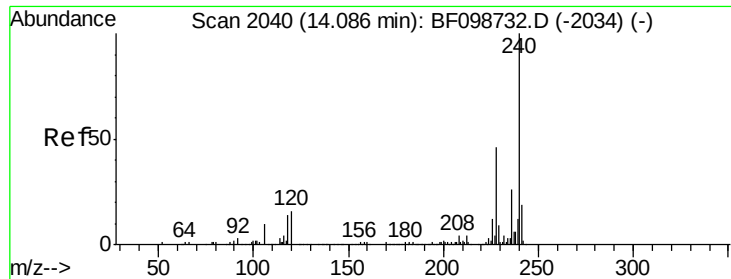
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Tgt Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 504.4 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: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

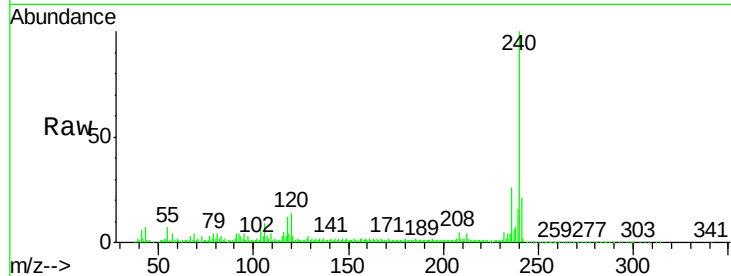
Tot Ion:240 Resp: 214102

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

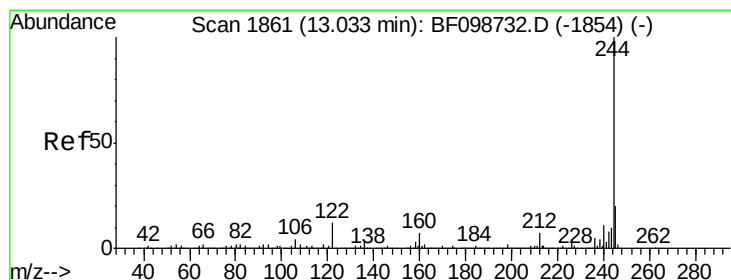
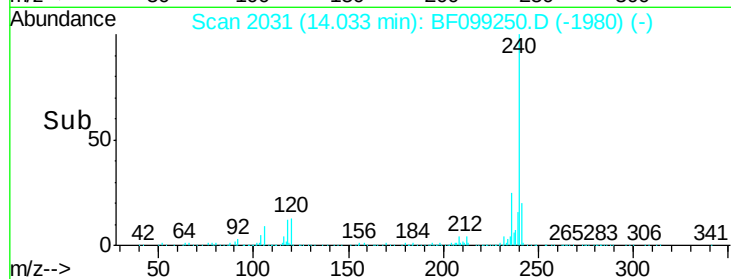
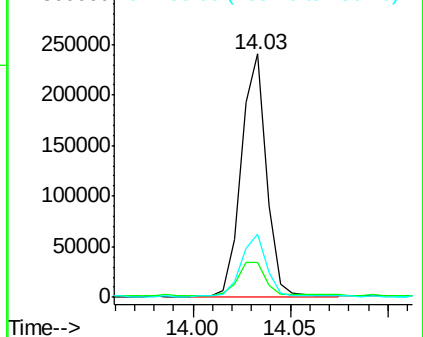
236 25.8 20.7 31.1



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: 75.00 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099250.D

Acq: 9 Oct 2017 00:12

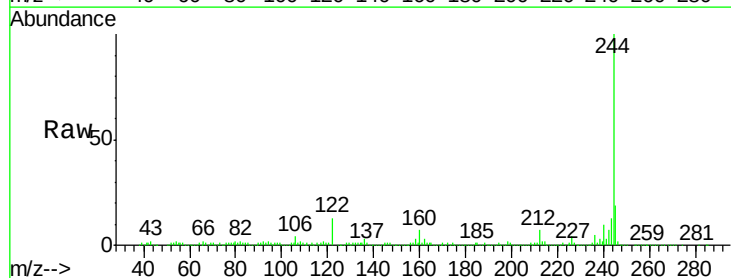
Tgt Ion:244 Resp: 706121

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

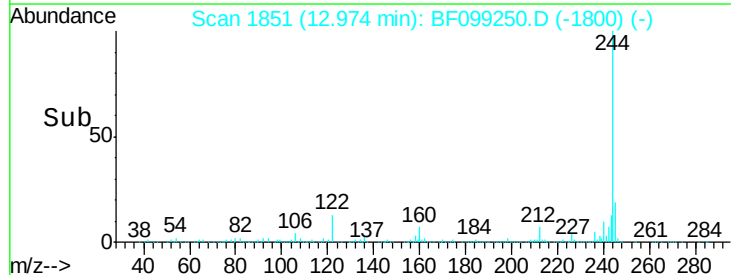
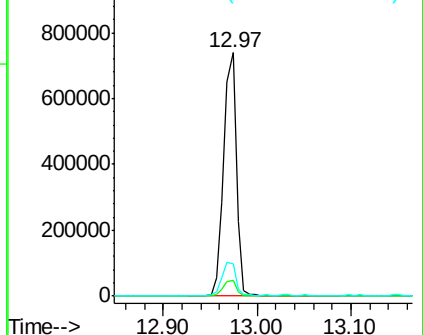
122 13.3 11.0 16.4

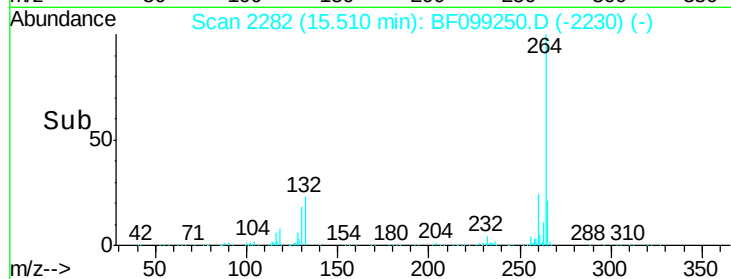
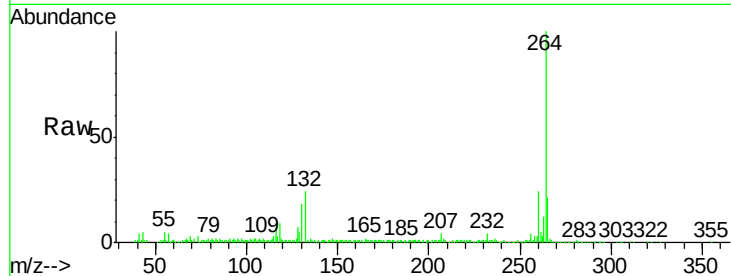
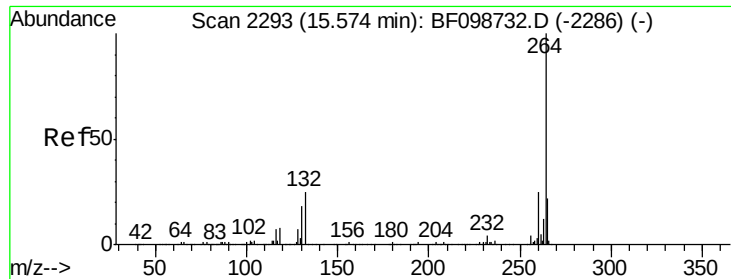


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099250.D
Acq: 9 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3

