

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100008.D
 Acq On : 31 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I6209-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:19:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105131	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	442539	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	213501	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	373661	20.00	ng	0.00
75) Chrysene-d12	13.97	240	233372	20.00	ng	-0.01
86) Perylene-d12	15.46	264	183721	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	555132	82.90	ng	0.00
7) Phenol-d6	6.43	99	673863	84.87	ng	0.00
23) Nitrobenzene-d5	7.36	82	390350	56.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	164125	84.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	771025	55.72	ng	0.00
78) Terphenyl-d14	12.90	244	670761	62.81	ng	0.00

Target Compounds

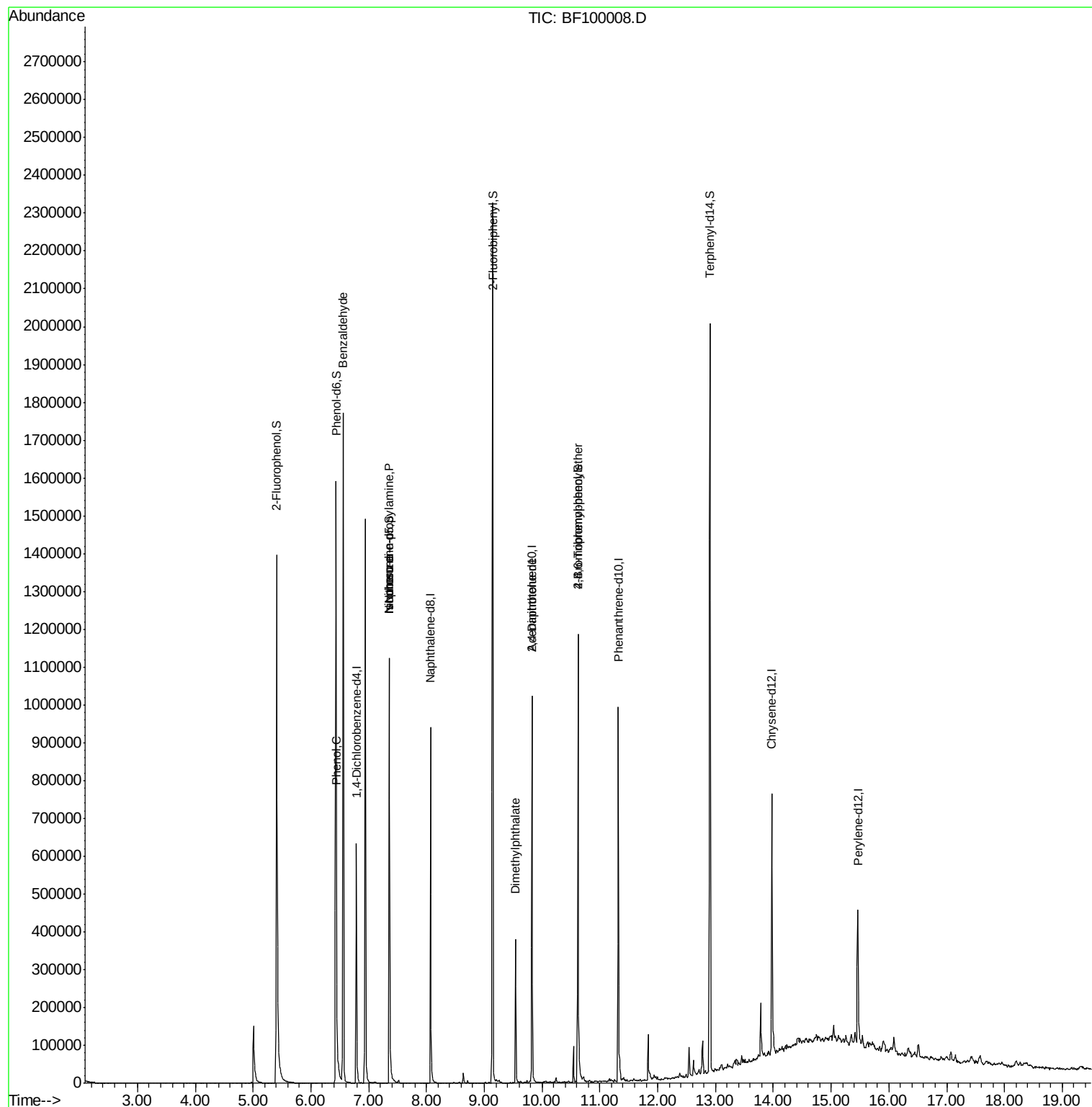
						Qvalue
9) Benzaldehyde	6.56	77	9931	2.093	ng	91
10) Phenol	6.45	94	36044	4.135	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	47744	10.261	ng	# 71
25) Isophorone	7.36	82	390350	31.296	ng	# 64
49) Dimethylphthalate	9.54	163	162989	9.640	ng	100
56) 2,4-Dinitrotoluene	9.82	165	26529	6.198	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	10615	2.698	ng	# 1

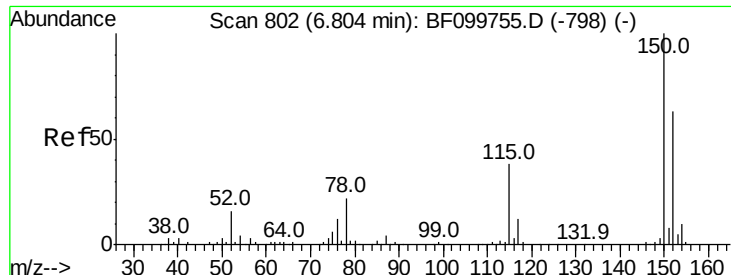
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100008.D
Acq On : 31 Oct 2017 17:33
Operator : SJ/JU
Sample : I6209-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 04:19:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration



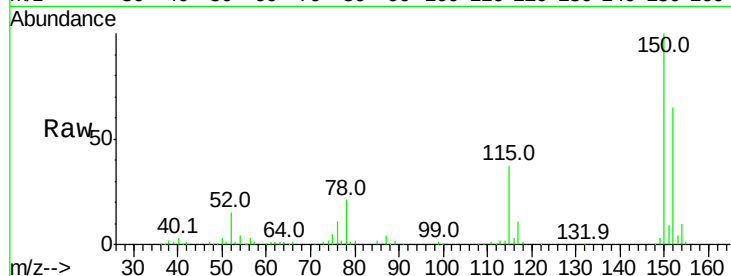


#1

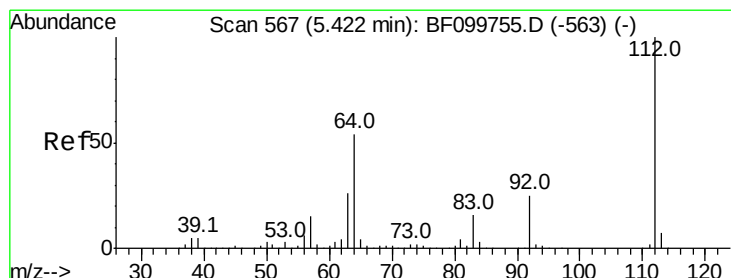
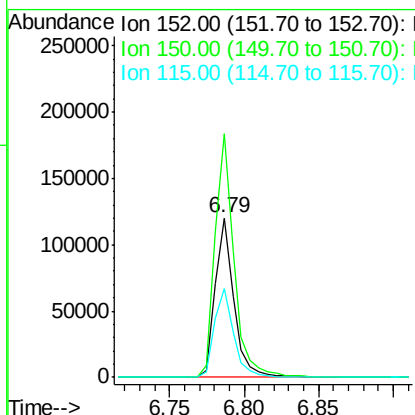
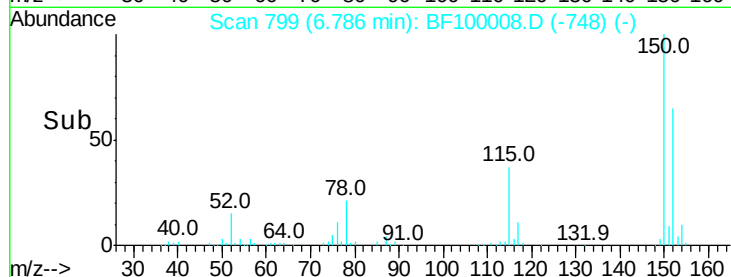
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105131
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 56.0 50.1 75.1



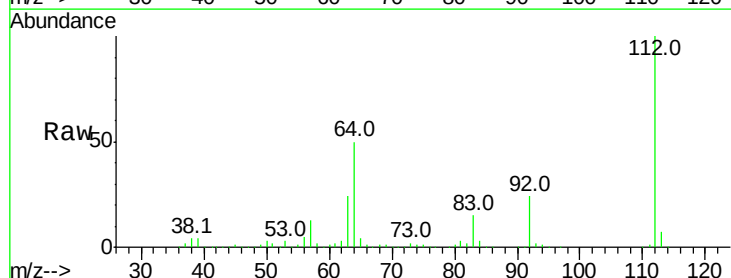
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



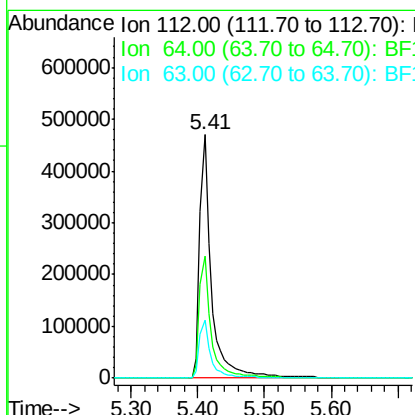
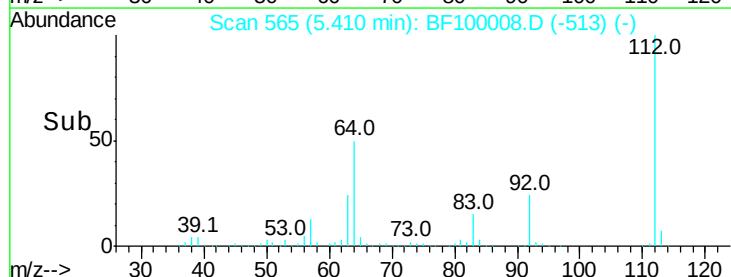
#5

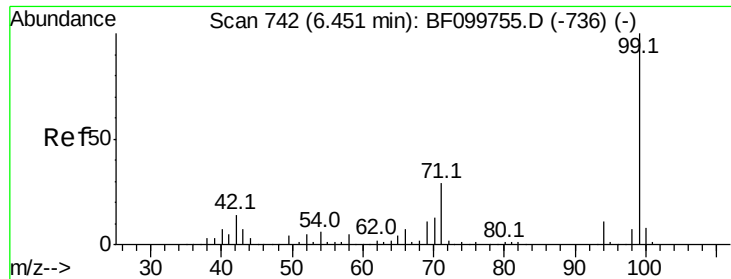
2-Fluorophenol
Concen: 82.900 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:112 Resp: 555132
Ion Ratio Lower Upper
112 100
64 50.0 47.9 71.9
63 23.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.869 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

Instrument :

BNA_F

ClientSampleId :

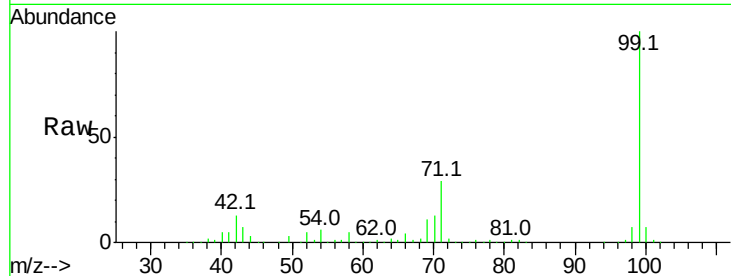
Tot Ion: 99 Resp: 673863

Ion Ratio Lower Upper

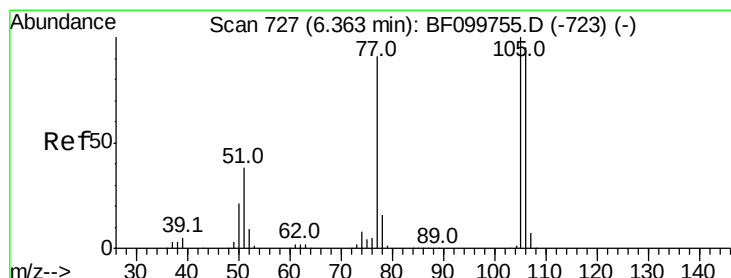
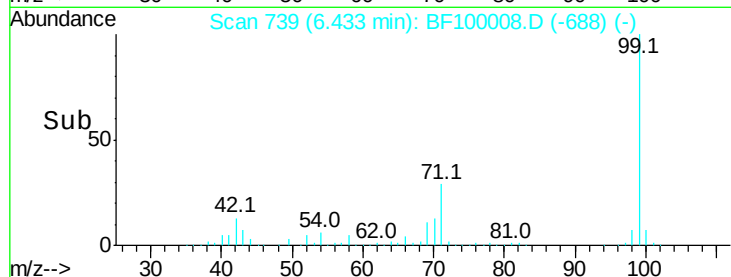
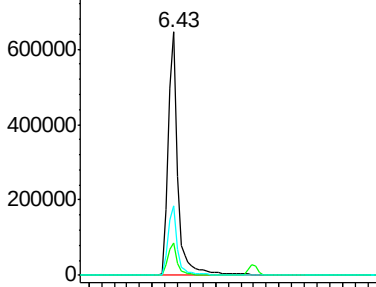
99 100

42 13.4 14.5 21.7#

71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.093 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

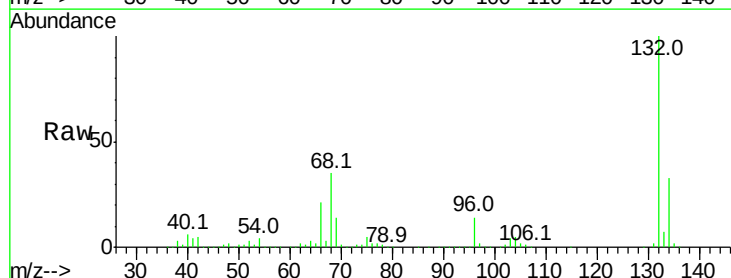
Tgt Ion: 77 Resp: 9931

Ion Ratio Lower Upper

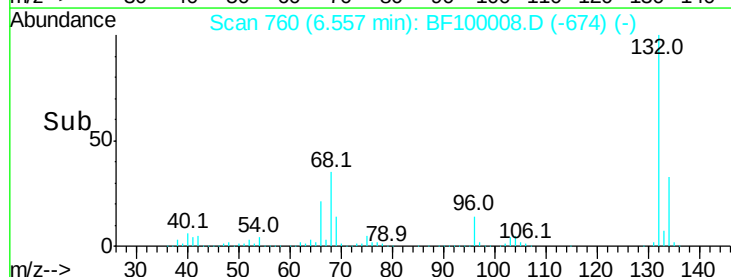
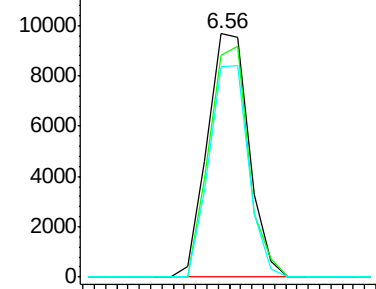
77 100

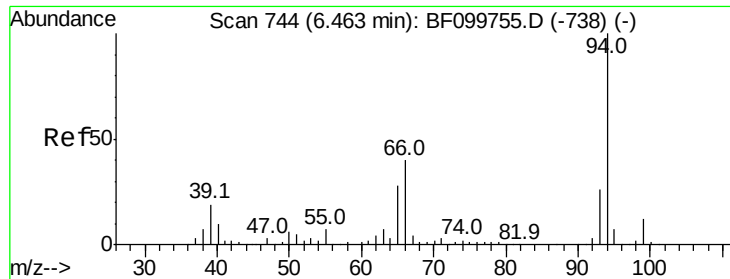
105 91.2 81.1 121.1

106 86.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

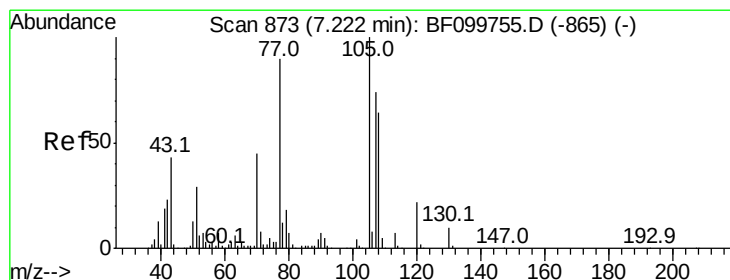
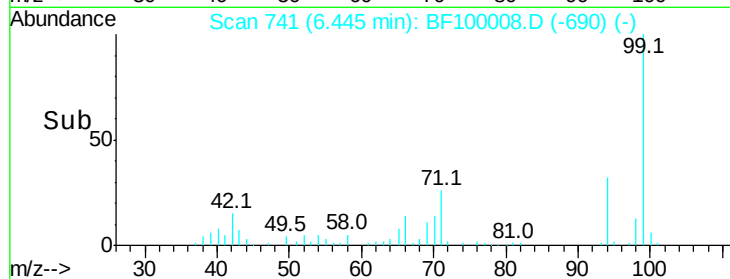
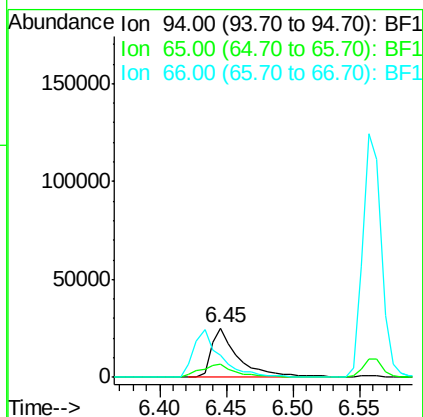
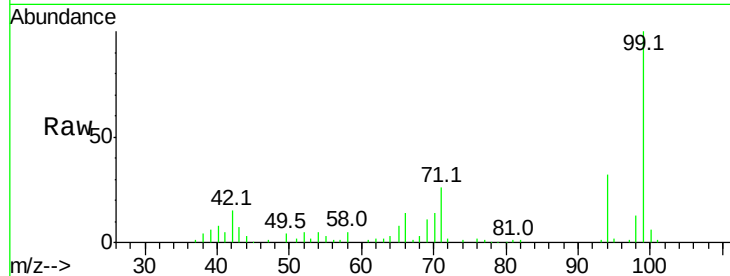




#10
Phenol
Concen: 4.135 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

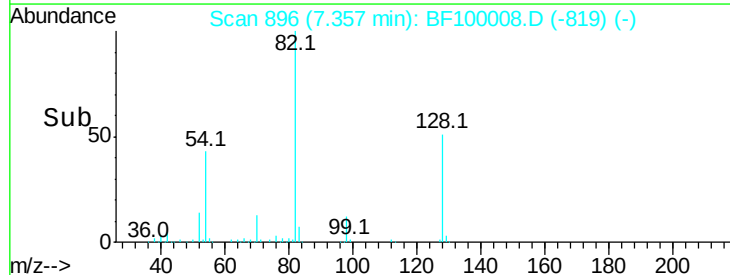
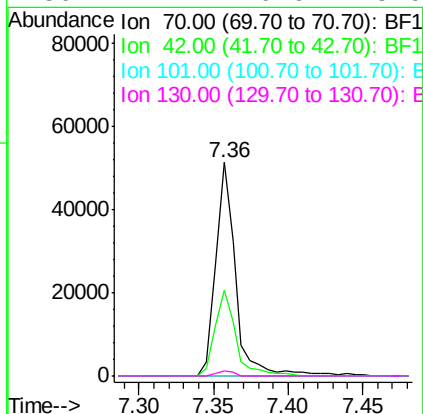
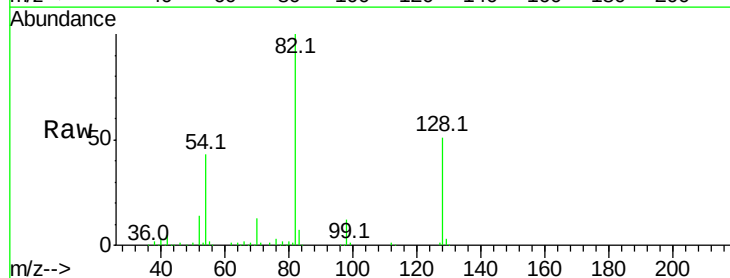
Instrument :
BNA_F
ClientSampleId :

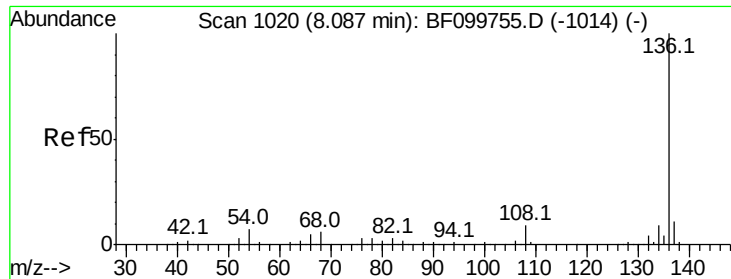
Tot Ion: 94 Resp: 36044
Ion Ratio Lower Upper
94 100
65 26.1 7.9 47.9
66 44.6 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.261 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion: 70 Resp: 47744
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

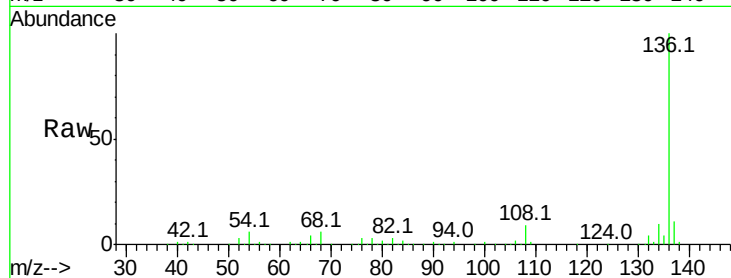




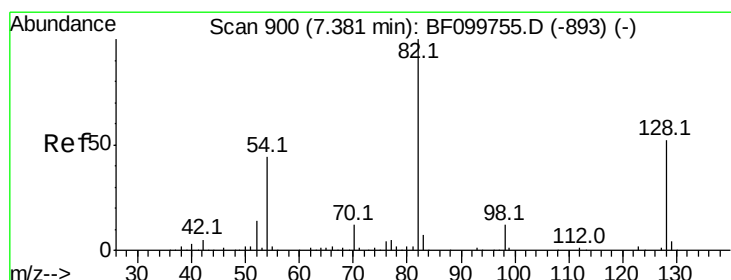
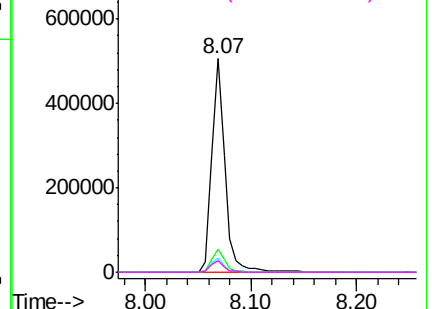
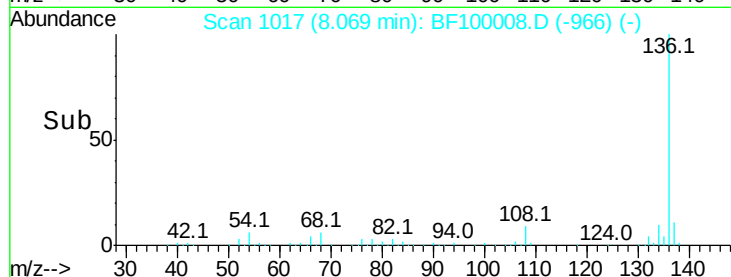
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	442539
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

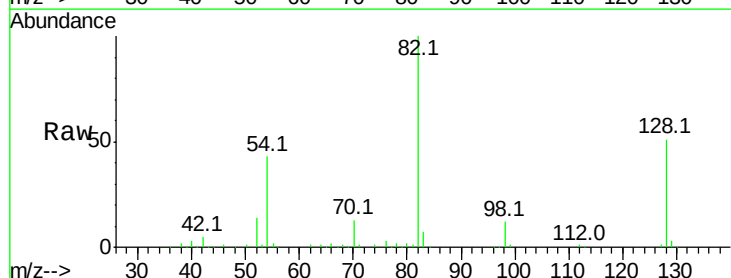


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

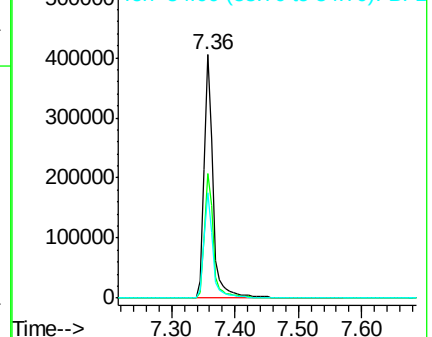
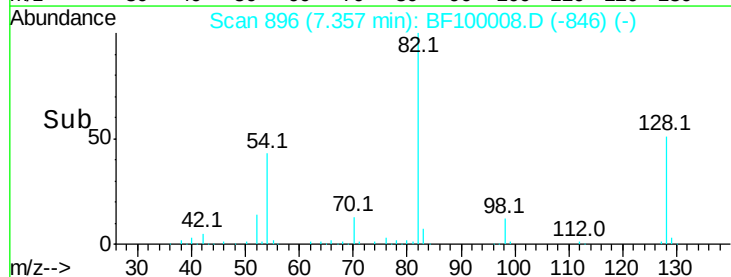


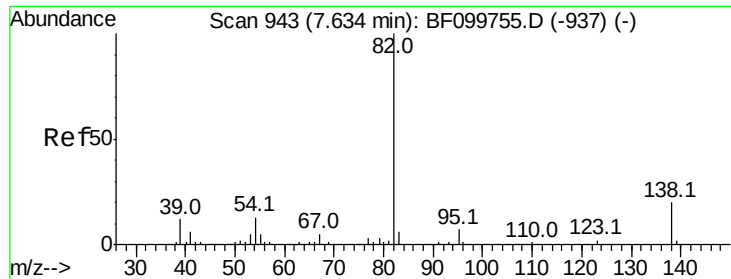
#23
Nitrobenzene-d5
Concen: 56.788 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:	82	Resp:	390350
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

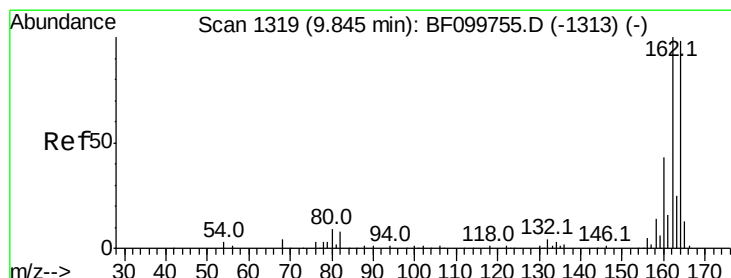
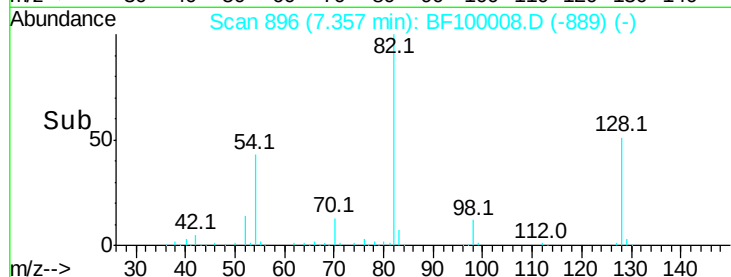
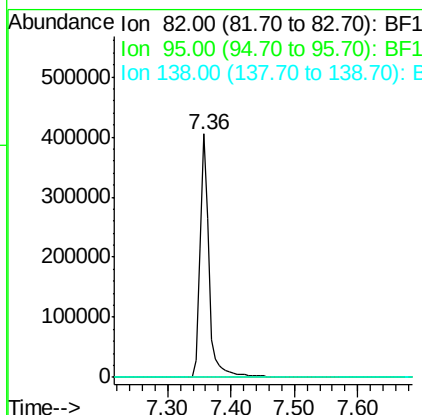
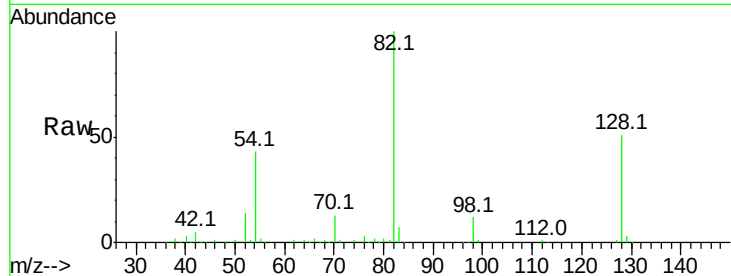




#25
Isophorone
Concen: 31.296 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

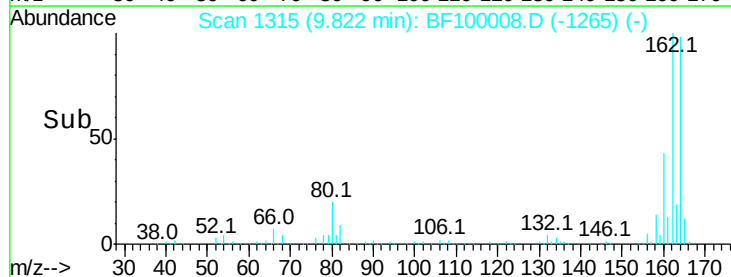
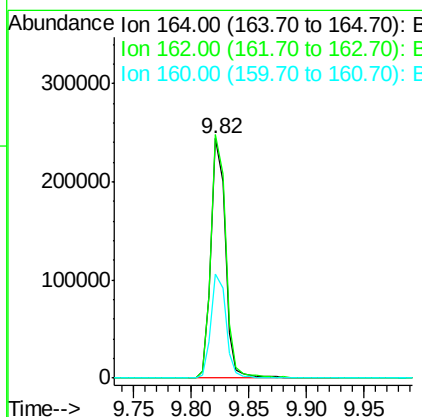
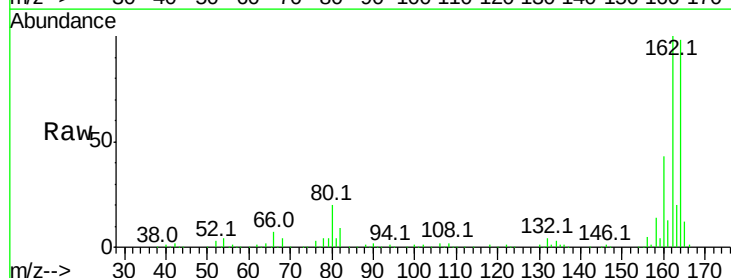
Instrument :
BNA_F
ClientSampleId :

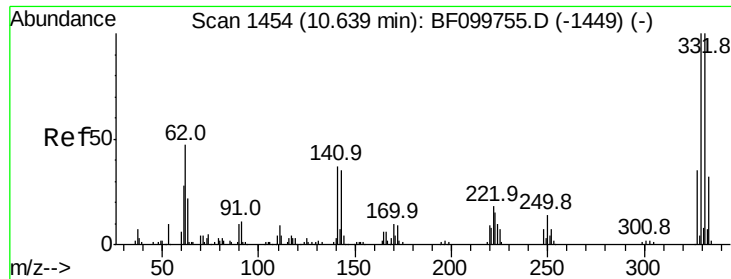
Tot Ion: 82 Resp: 390350
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:164 Resp: 213501
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 43.6 38.3 57.5

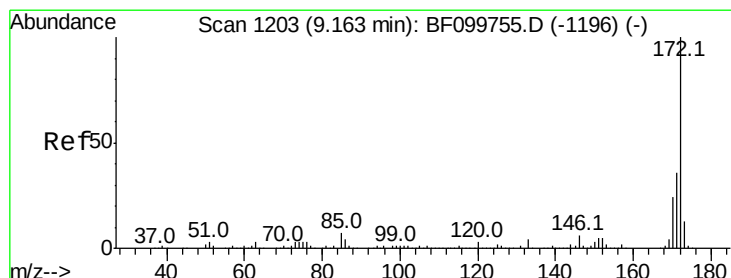
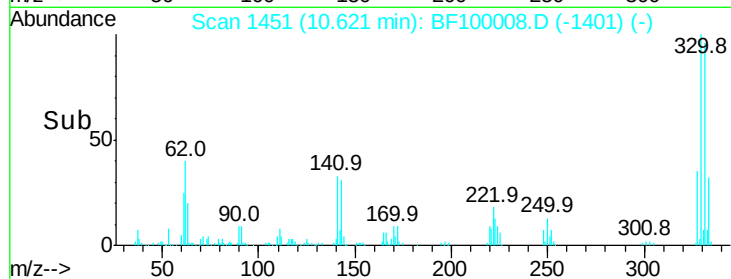
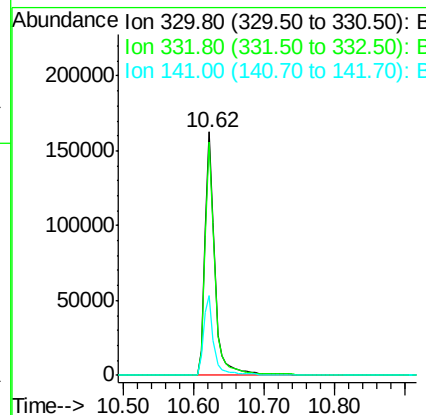
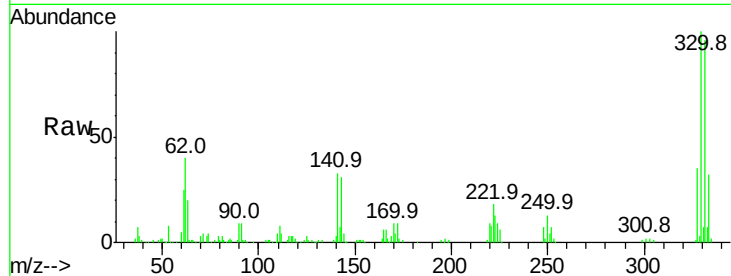




#41
 2,4,6-Tribromophenol
 Concen: 84.354 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

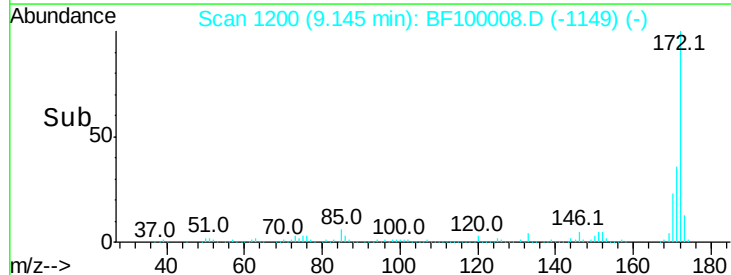
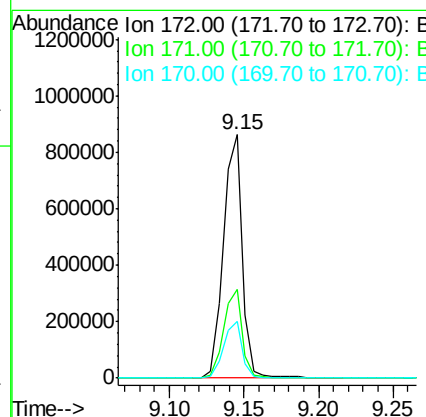
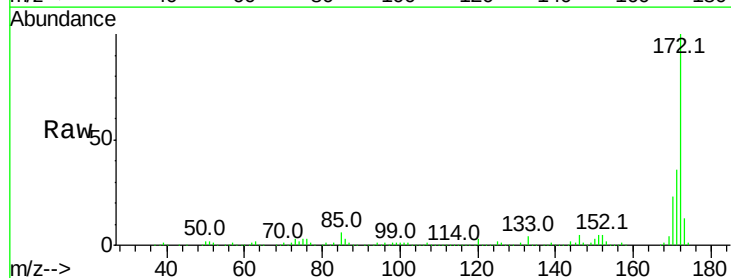
Instrument :
 BNA_F
 ClientSampleId :

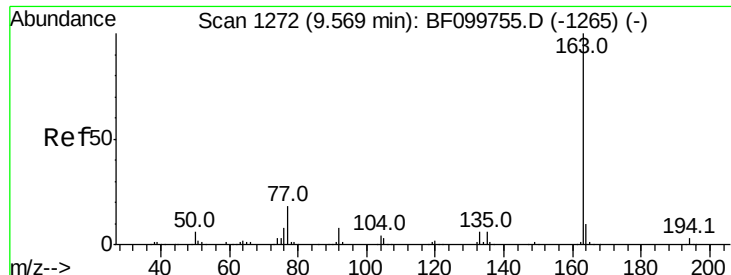
Tot Ion:330 Resp: 164125
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 33.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 55.717 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Tgt Ion:172 Resp: 771025
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.3 19.6 29.4

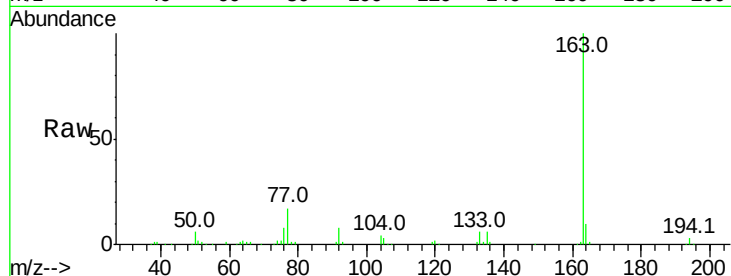




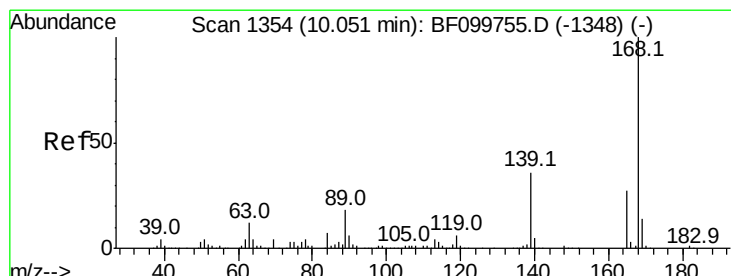
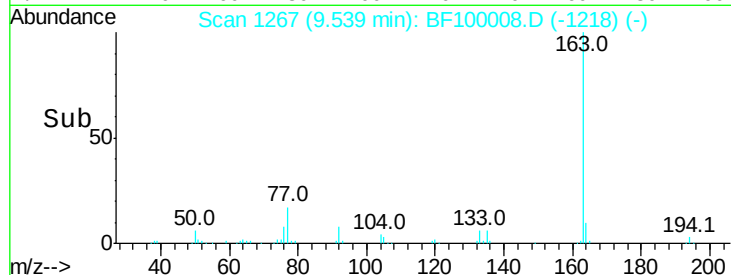
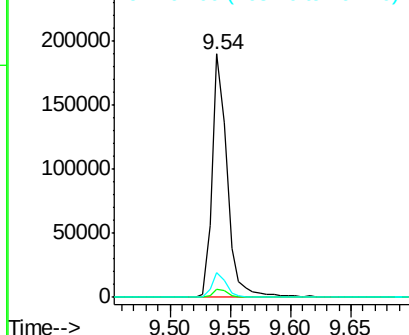
#49
Dimethylphthalate
Concen: 9.640 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 162989
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

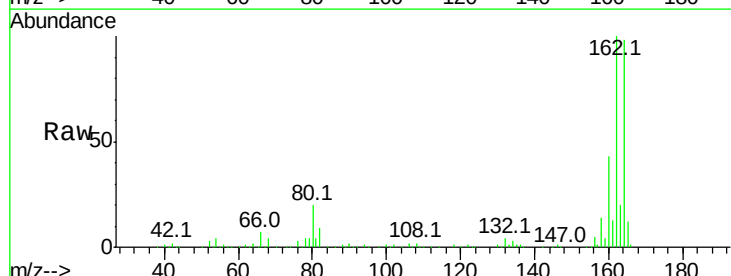


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

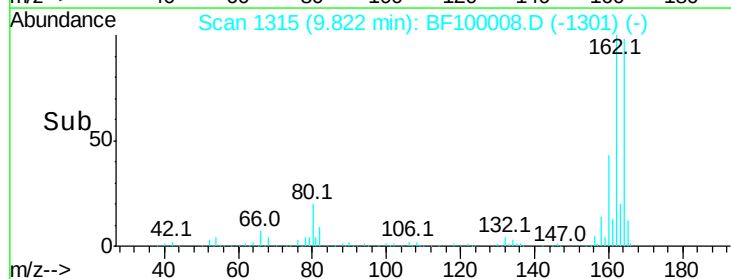
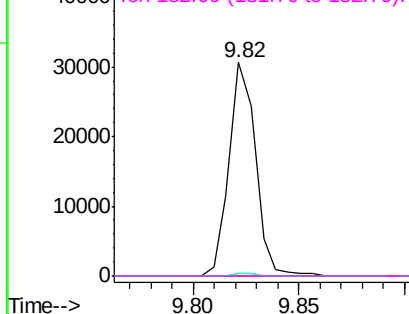


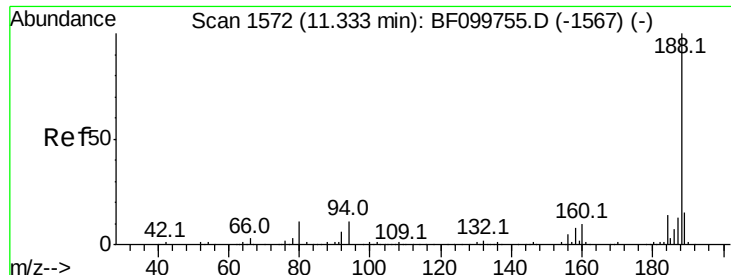
#56
2,4-Dinitrotoluene
Concen: 6.198 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:165 Resp: 26529
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

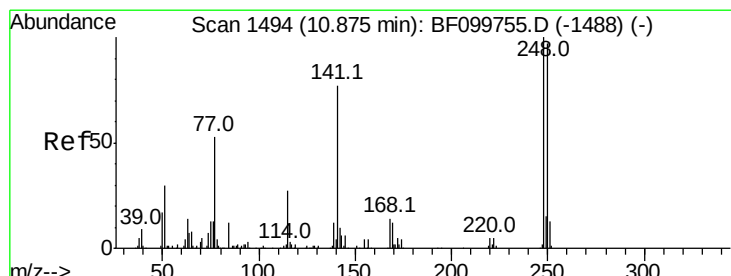
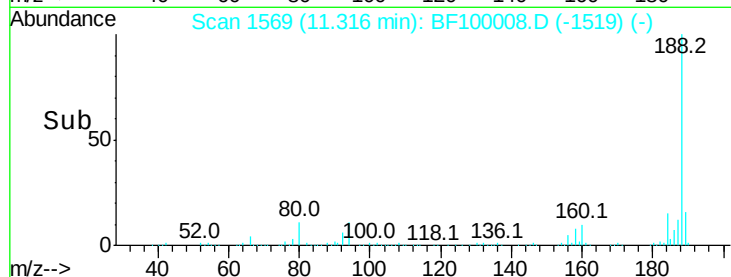
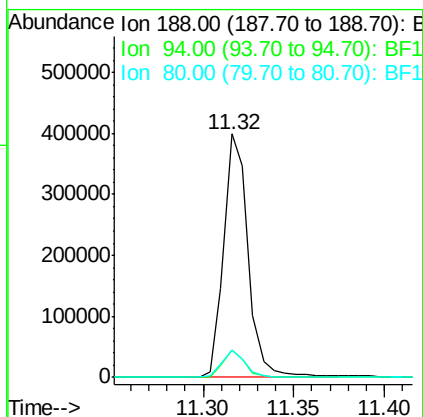
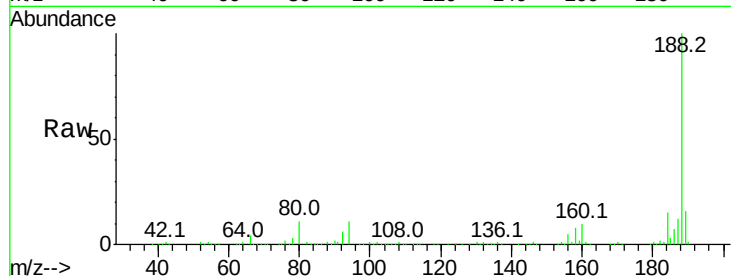




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

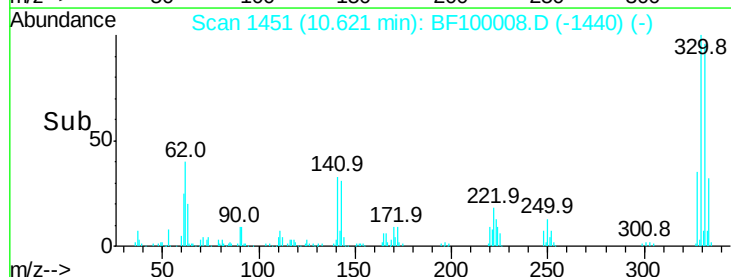
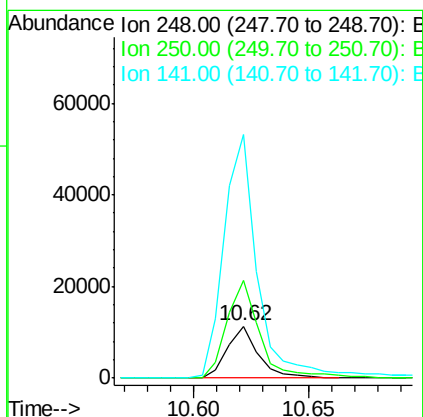
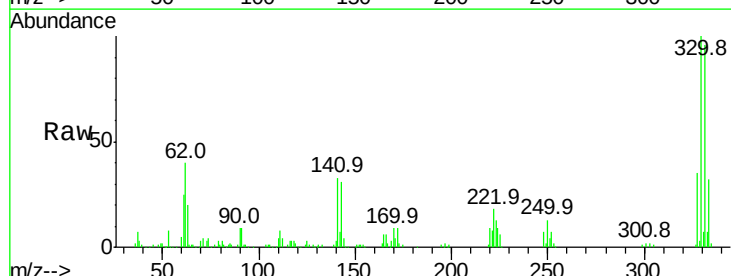
Instrument :
BNA_F
ClientSampled :

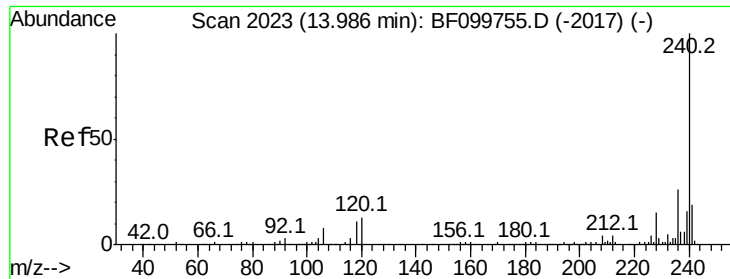
Tot Ion:188 Resp: 373661
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:248 Resp: 10615
Ion Ratio Lower Upper
248 100
250 188.9 76.9 115.3#
141 470.4 74.4 111.6#

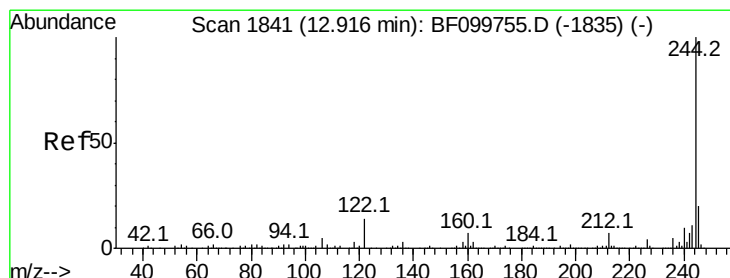
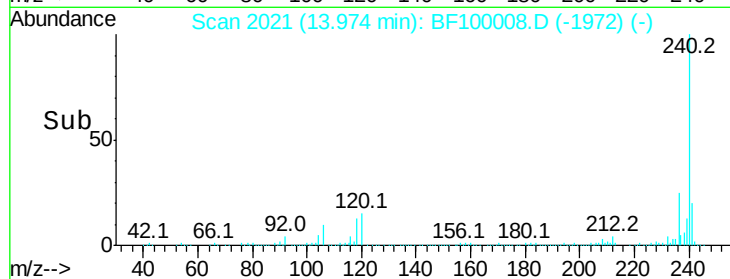
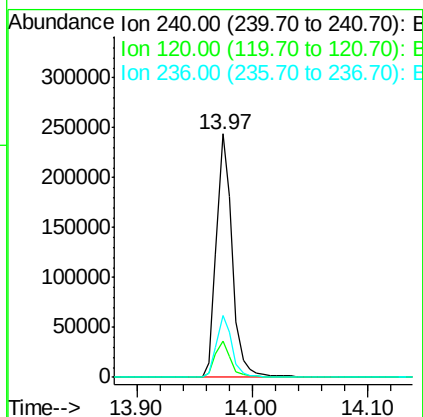
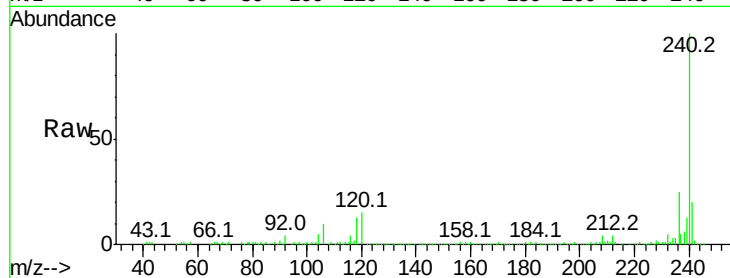




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

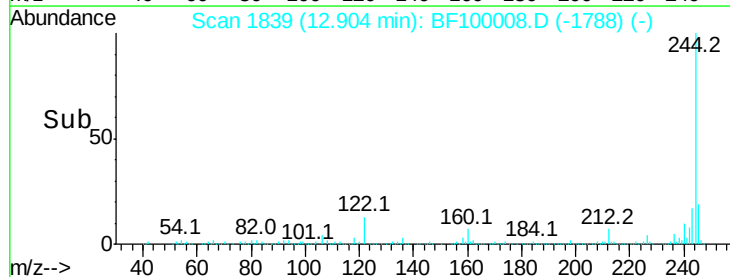
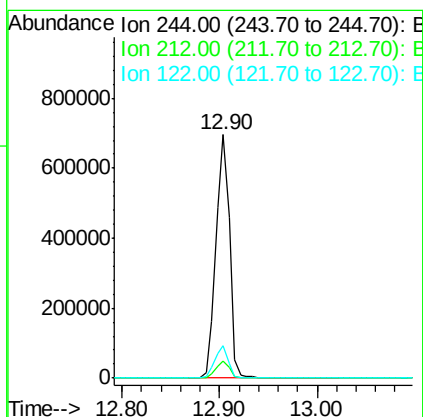
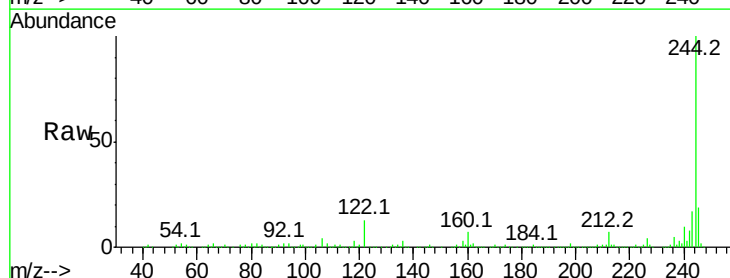
Instrument :
BNA_F
ClientSampleId :

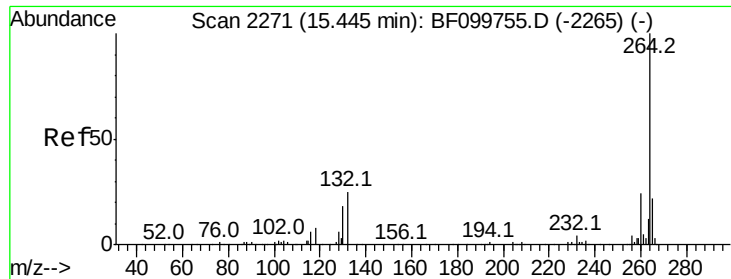
Tot Ion:240 Resp: 233372
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 62.812 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:244 Resp: 670761
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.3 11.0 16.4

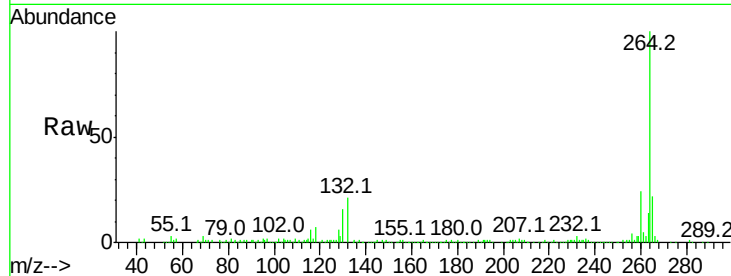




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	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

