

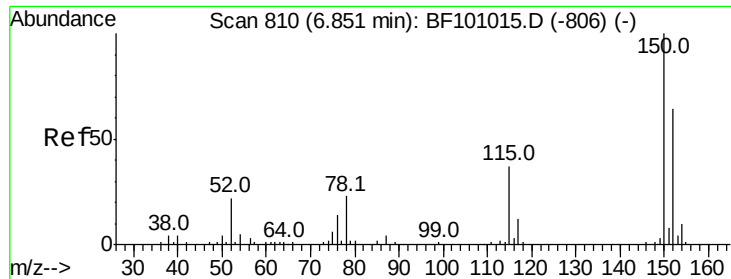
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101143.D
 Acq On : 6 Dec 2017 00:39
 Operator : SJ/JU
 Sample : I6702-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 03:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50236	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	192162	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89108	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	166845	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106204	20.00	ng	0.00
86) Perylene-d12	15.49	264	111309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	274720	90.37	ng	0.00
7) Phenol-d6	6.48	99	327818	88.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	202078	62.73	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	86422	80.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	427882	65.70	ng	0.00
78) Terphenyl-d14	12.96	244	358942	73.92	ng	0.00
Target Compounds						
10) Phenol	6.49	94	8680	2.115	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	26880	10.814	ng	# 82
25) Isophorone	7.41	82	202074	36.725	ng	# 64
49) Dimethylphthalate	9.60	163	32882	4.576	ng	99
50) 2,6-Dinitrotoluene	9.89	165	11668	7.709	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11668	5.752	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5285	2.830	ng	# 1

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

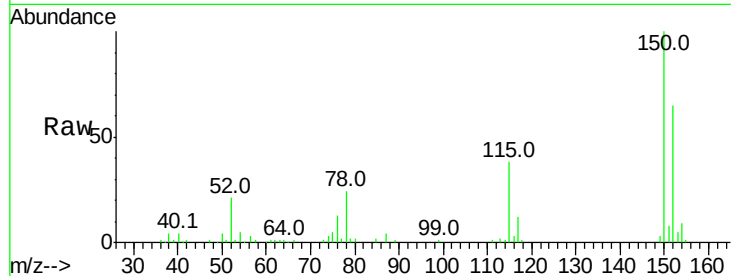


#1

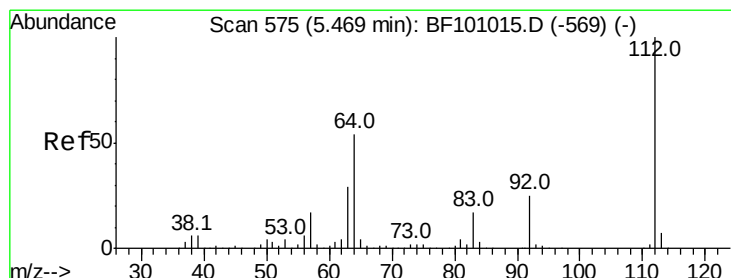
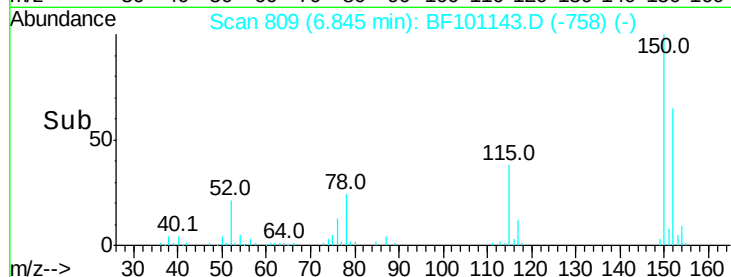
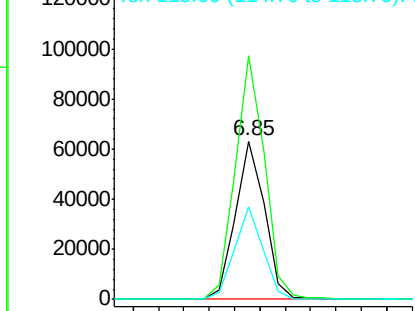
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50236
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 58.6 50.1 75.1



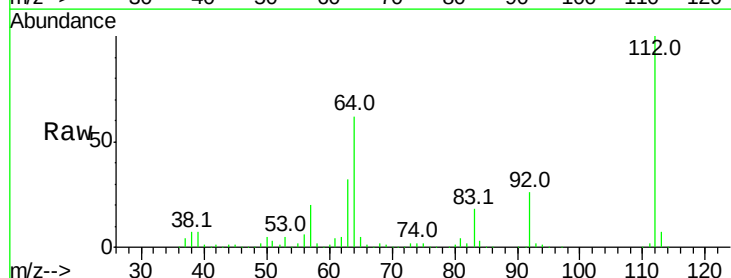
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



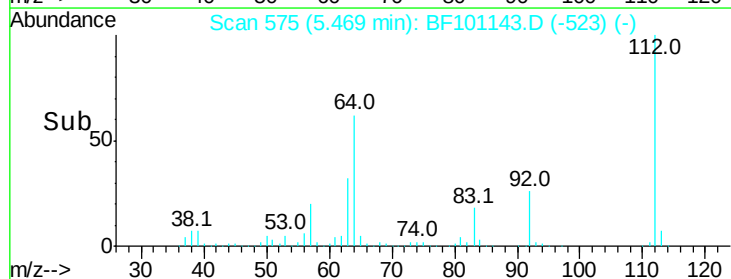
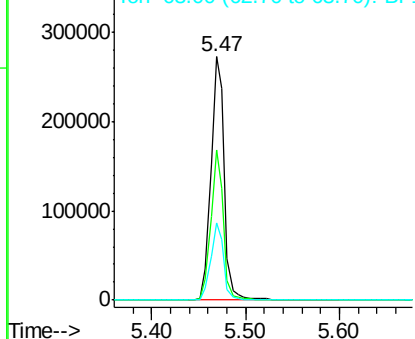
#5

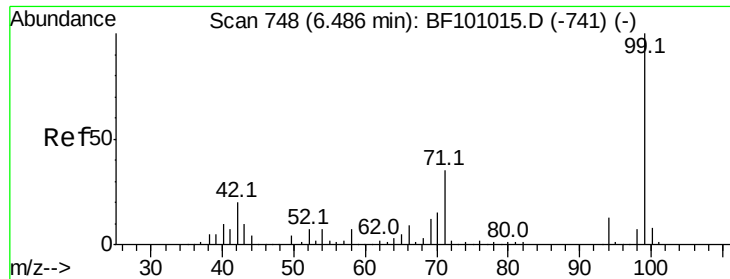
2-Fluorophenol
Concen: 90.365 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Tgt Ion:112 Resp: 274720
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.9 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: 88.816 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101143.D

Acq: 6 Dec 2017 00:39

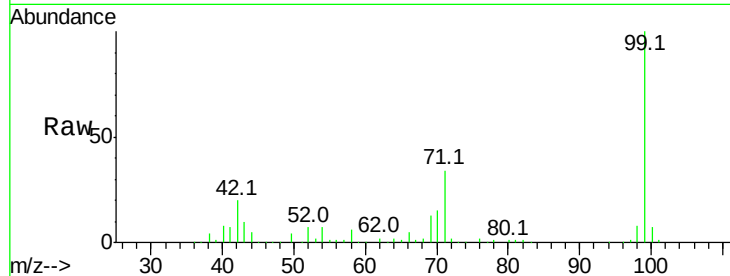
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 327818

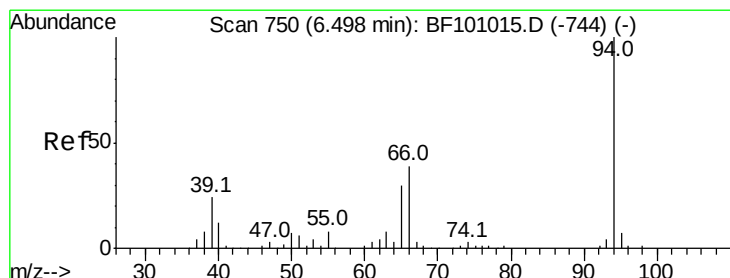
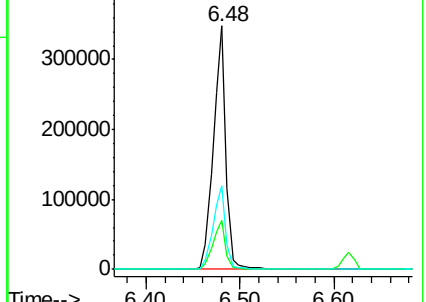
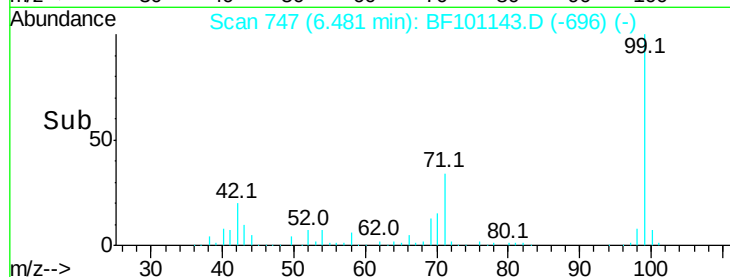
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.2	25.4	38.0



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



#10

Phenol

Concen: 2.115 ng

RT: 6.49 min Scan# 749

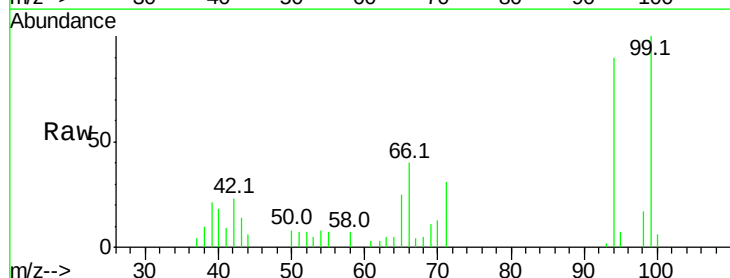
Delta R.T. 0.00 min

Lab File: BF101143.D

Acq: 6 Dec 2017 00:39

Tgt Ion: 94 Resp: 8680

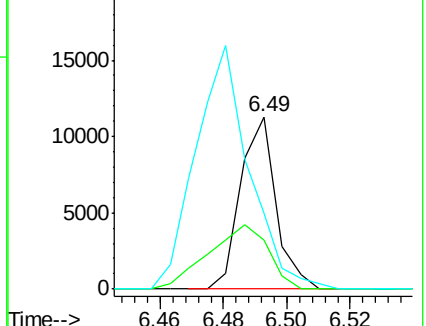
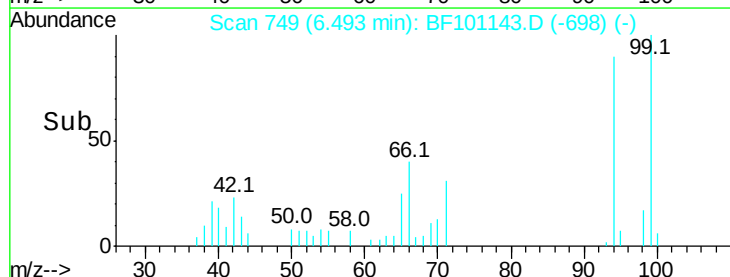
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	44.2	16.2	56.2

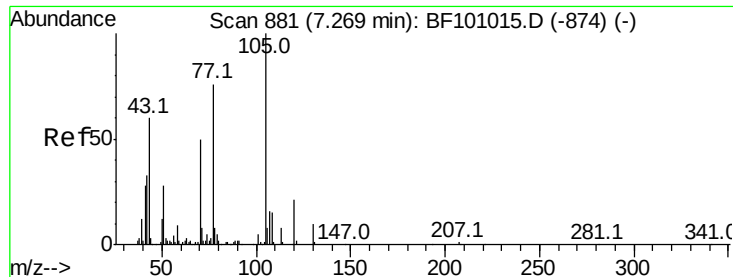


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

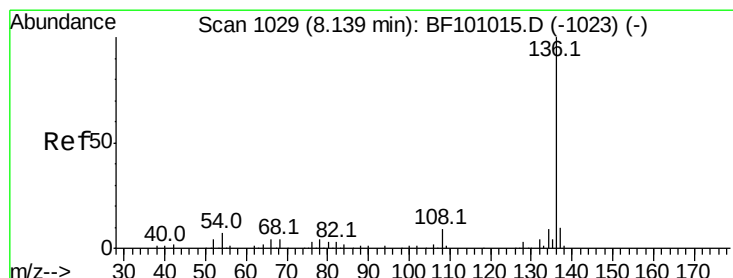
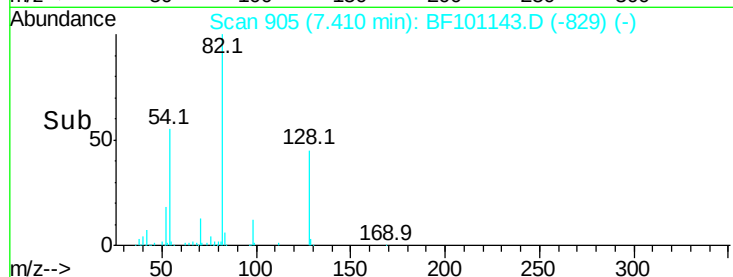
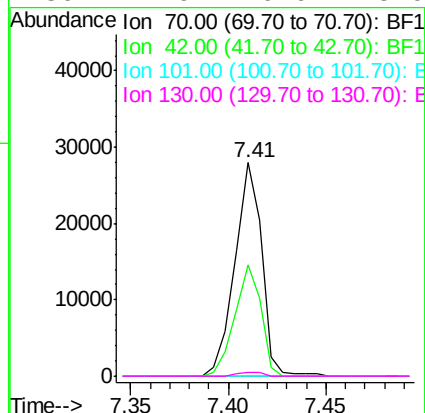
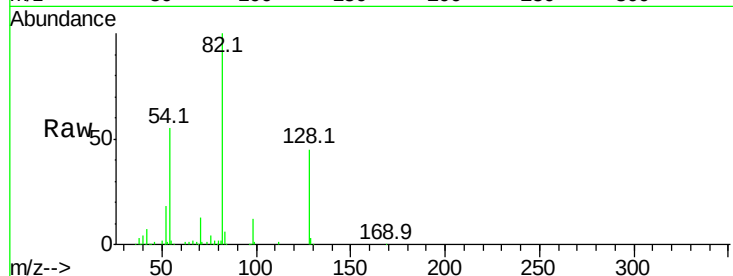




#19
n-Nitroso-di-n-propylamine
Concen: 10.814 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

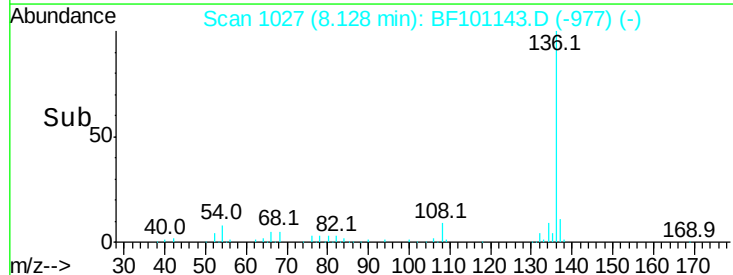
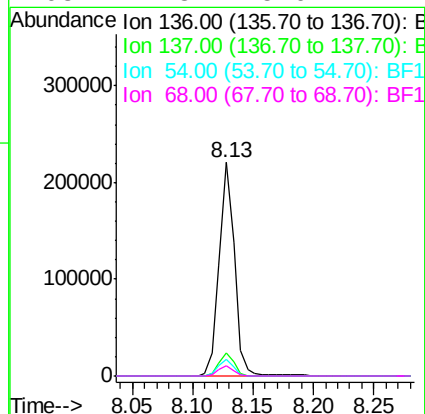
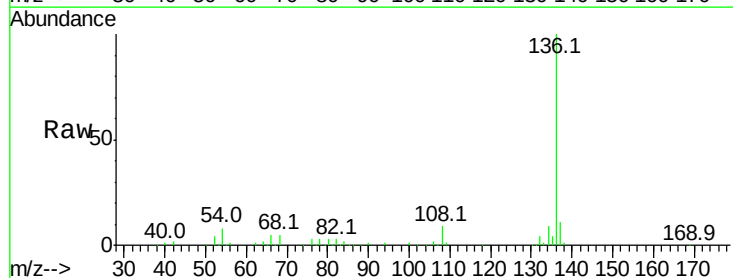
Instrument :
BNA_F
ClientSampleId :

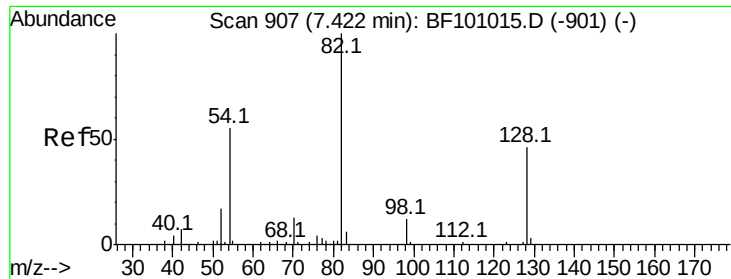
Tot Ion: 70 Resp: 26880
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Tgt Ion:136 Resp: 192162
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.6 9.8
68 4.8 5.0 7.4#

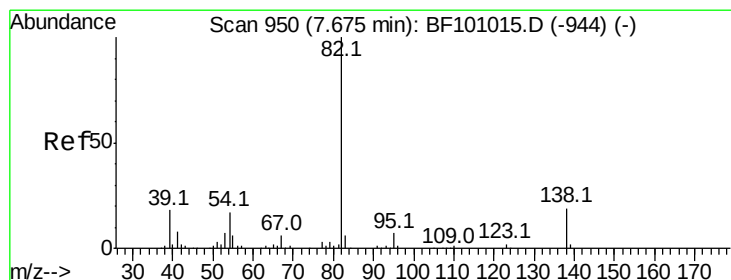
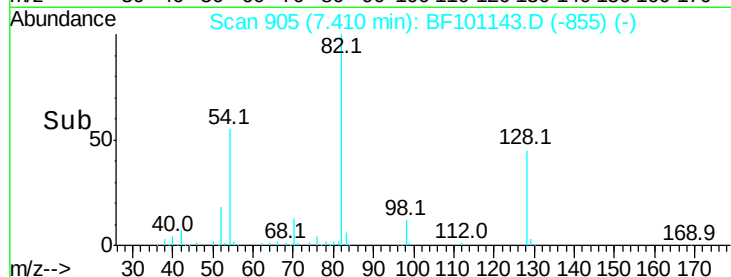
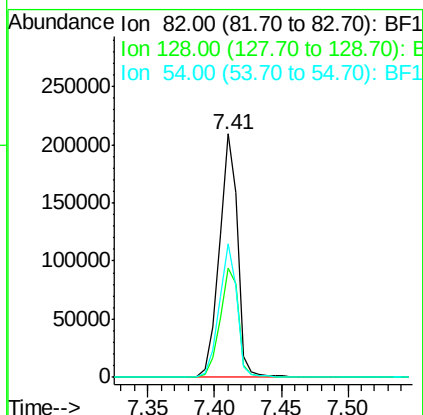
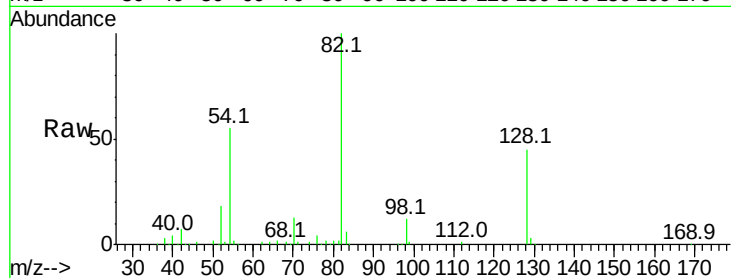




#23
Nitrobenzene-d5
Concen: 62.731 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

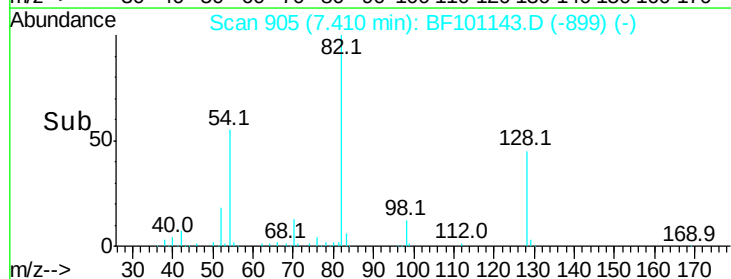
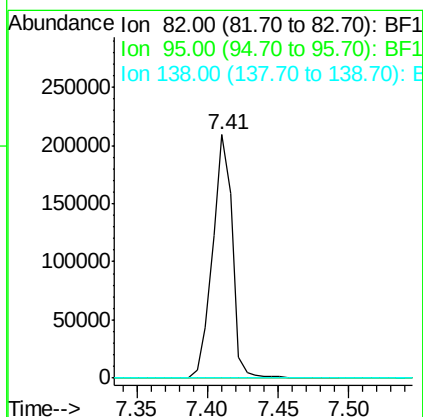
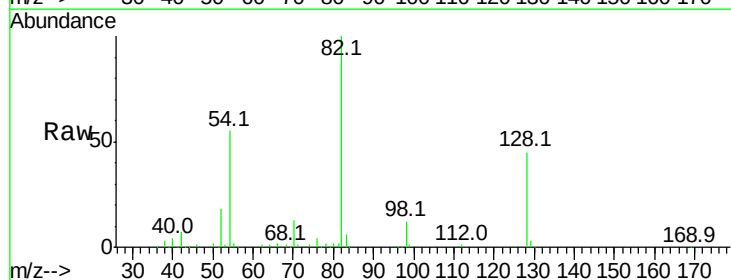
Instrument :
BNA_F
ClientSampled :

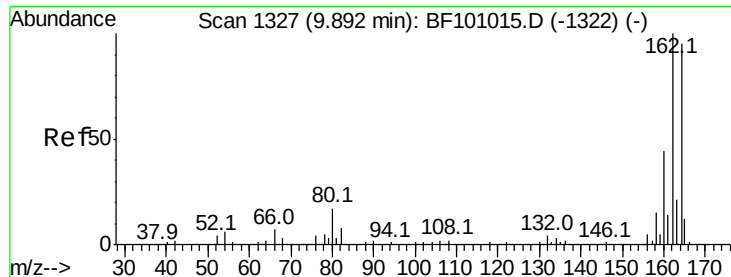
Tot Ion: 82 Resp: 202078
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 55.1 41.4 62.2



#25
Isophorone
Concen: 36.725 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Tgt Ion: 82 Resp: 202074
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

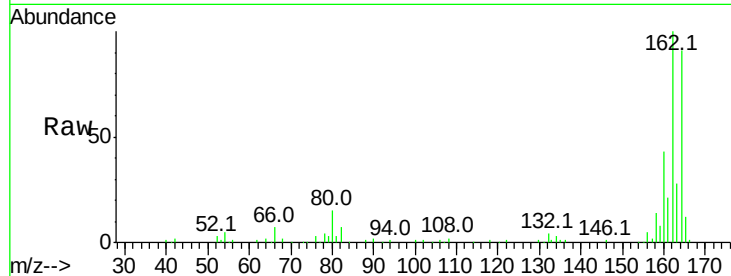




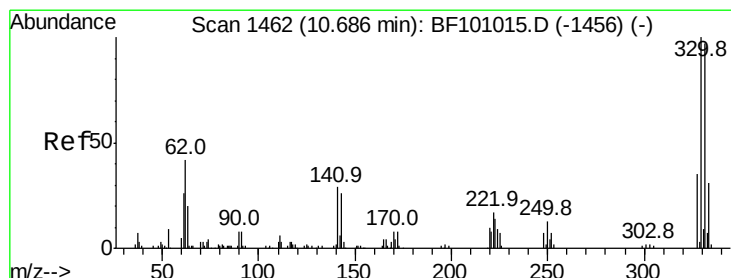
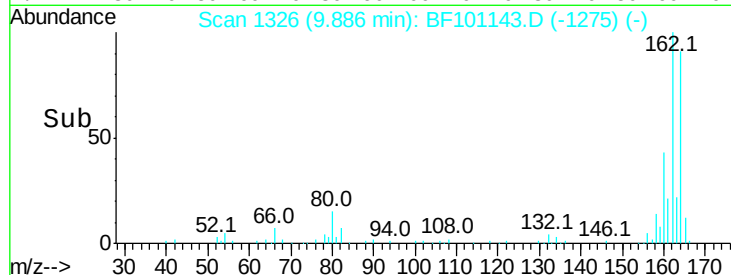
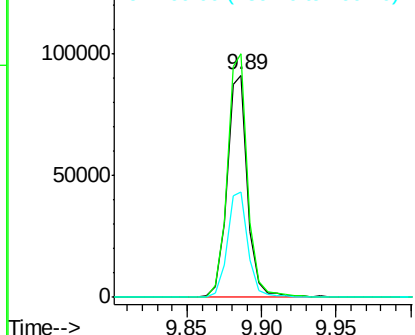
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 89108
Ion Ratio Lower Upper
164 100
162 109.7 86.1 129.1
160 47.6 38.3 57.5

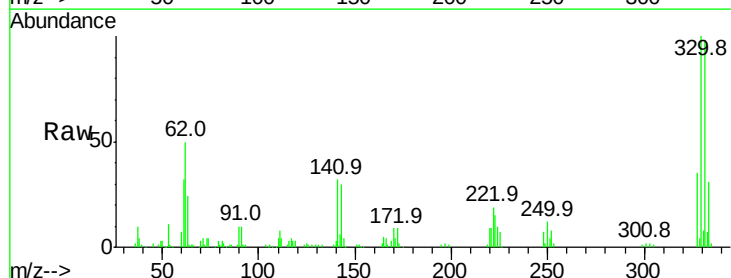


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

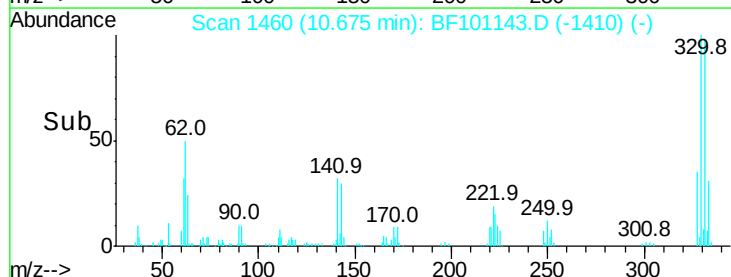
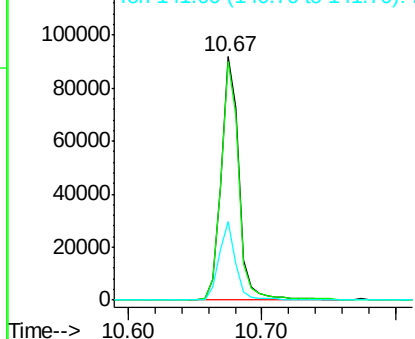


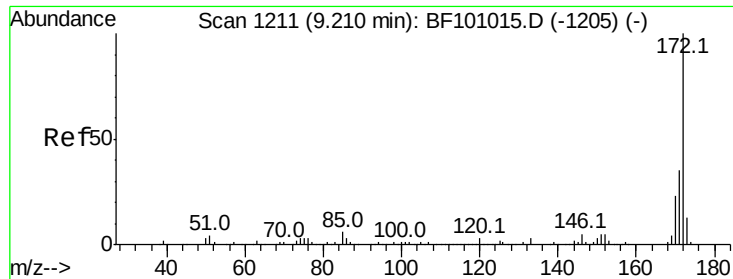
#41
2,4,6-Tribromophenol
Concen: 80.735 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Tgt Ion:330 Resp: 86422
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 30.2 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

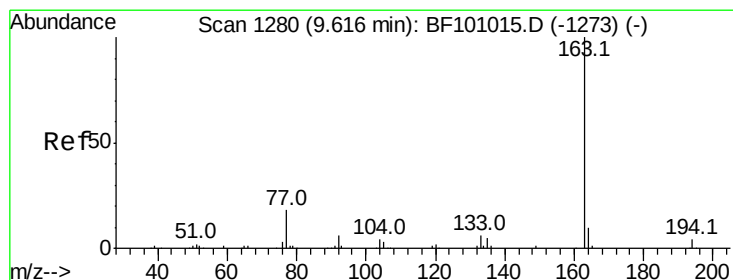
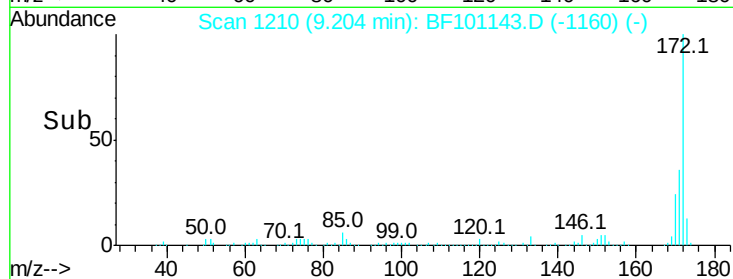
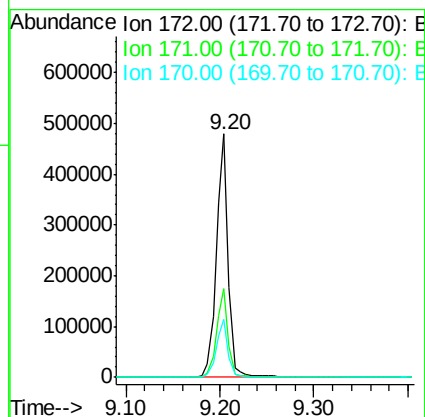
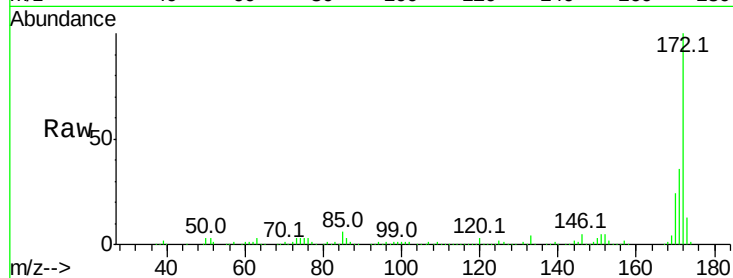




#44
2-Fluorobiphenyl
Concen: 65.699 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

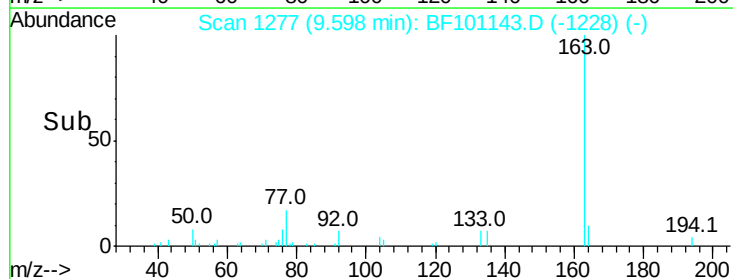
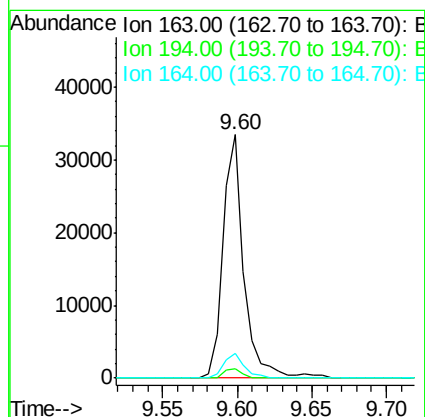
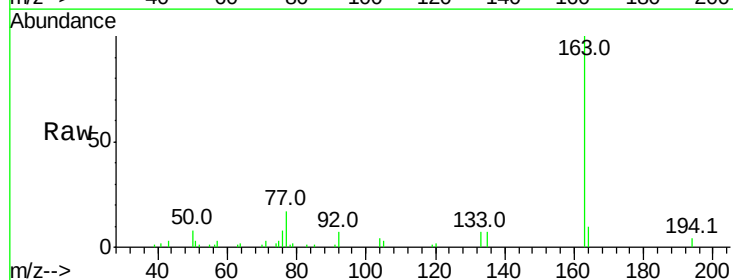
Instrument :
BNA_F
ClientSampleId :

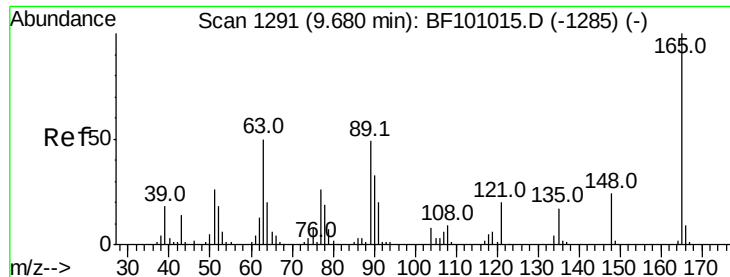
Tot Ion:172 Resp: 427882
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 4.576 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101143.D
Acq: 6 Dec 2017 00:39

Tgt Ion:163 Resp: 32882
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

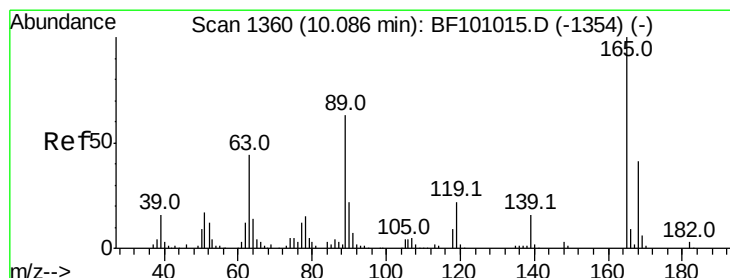
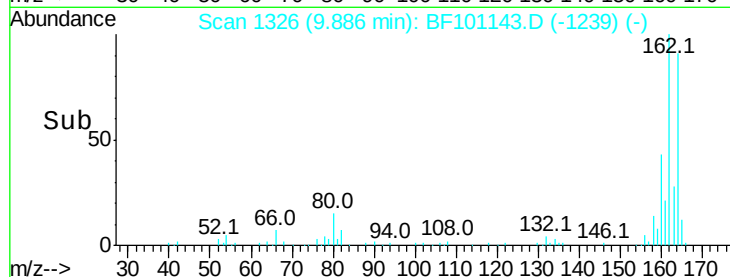
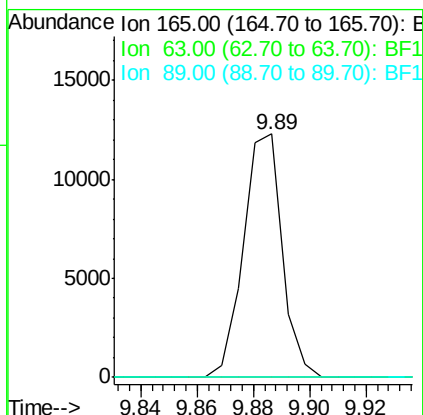
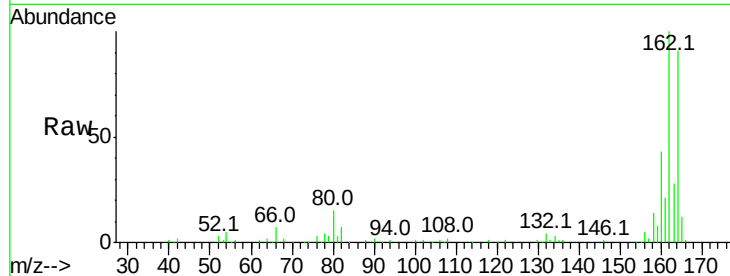




#50
 2,6-Dinitrotoluene
 Concen: 7.709 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

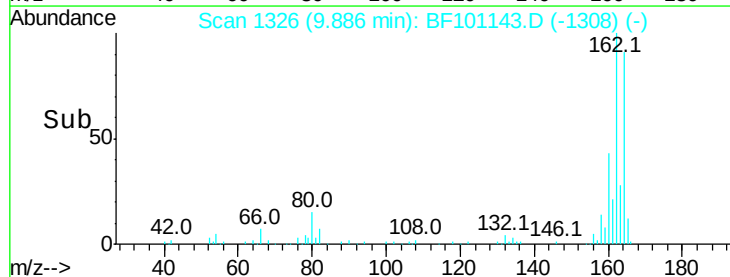
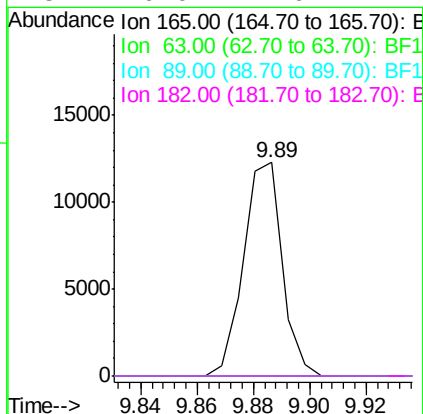
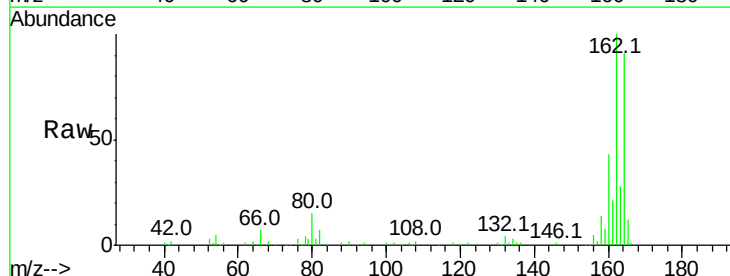
Instrument :
 BNA_F
 ClientSampleId :

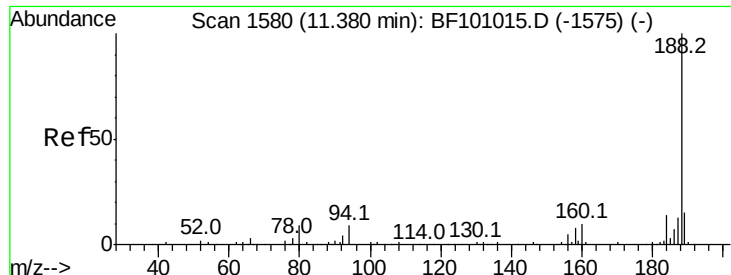
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.752 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

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

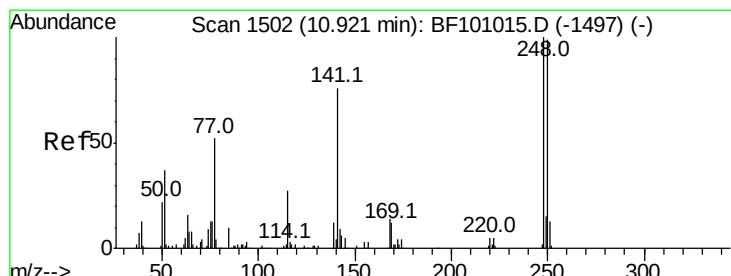
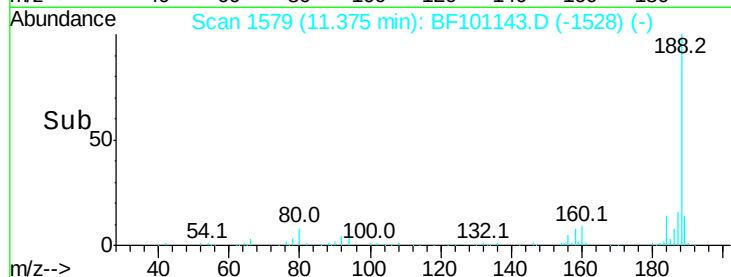
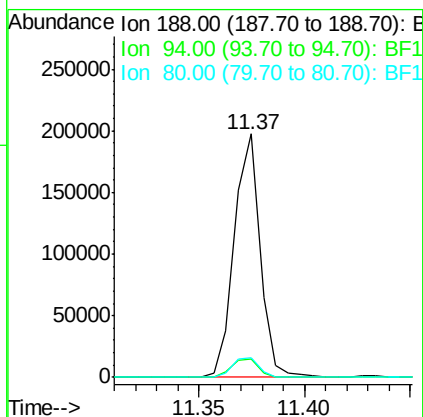
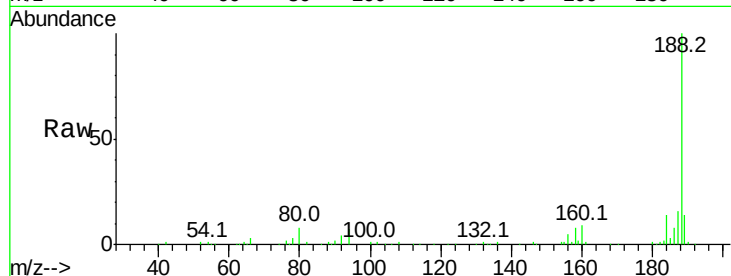




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

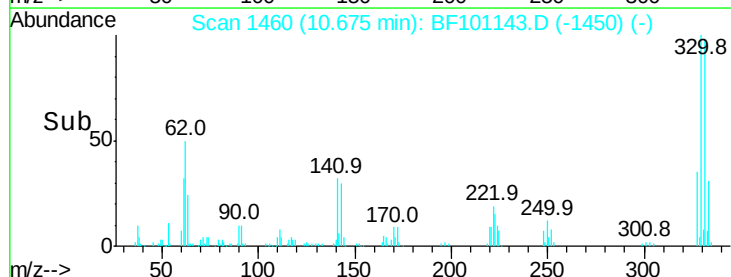
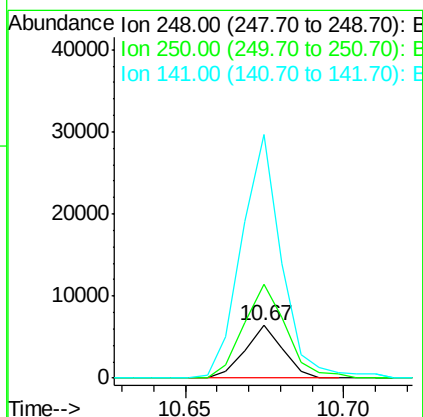
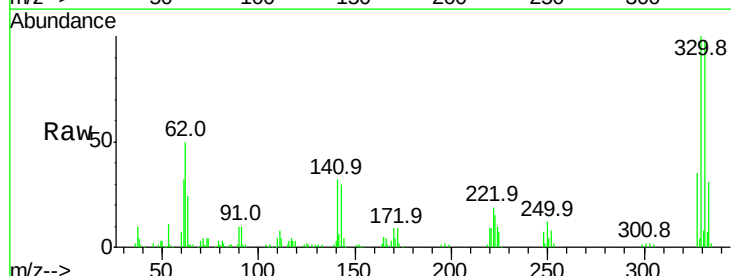
Instrument :
 BNA_F
 ClientSampleId :

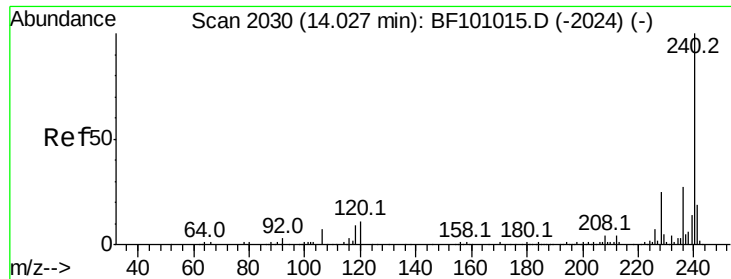
Tot Ion:188 Resp: 166845
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.5 12.7#
 80 7.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.830 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

Tgt Ion:248 Resp: 5285
 Ion Ratio Lower Upper
 248 100
 250 178.9 76.9 115.3#
 141 464.0 74.4 111.6#

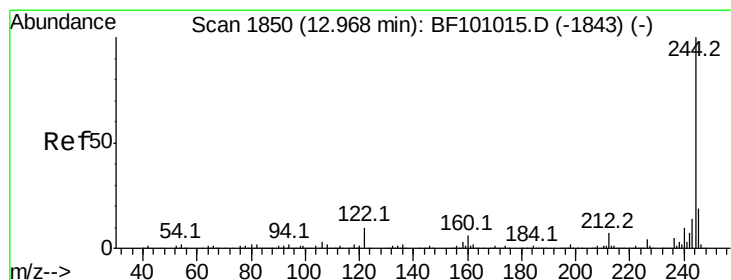
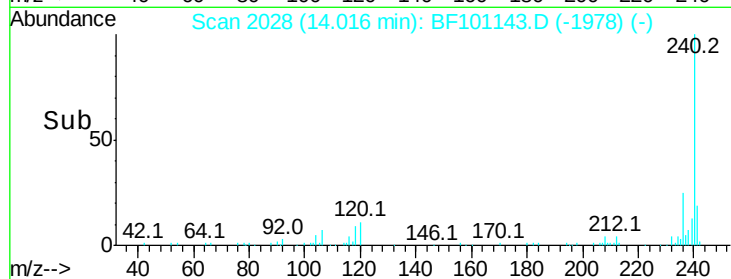
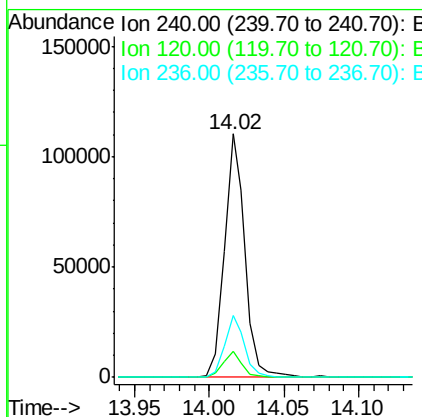
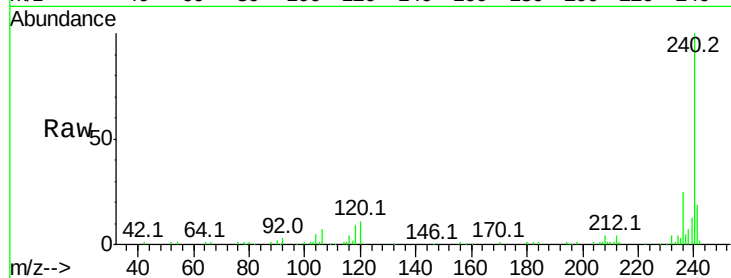




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

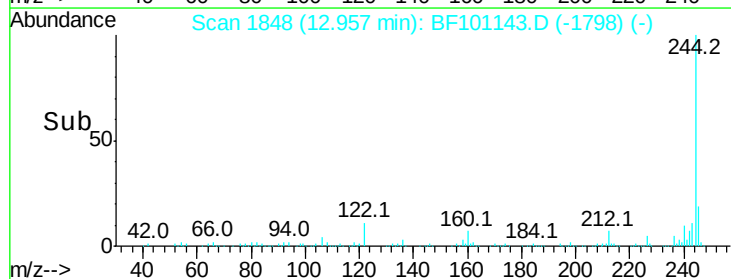
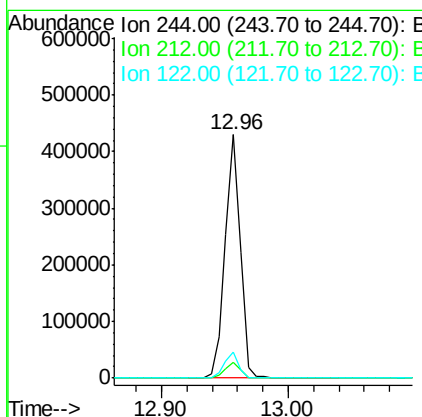
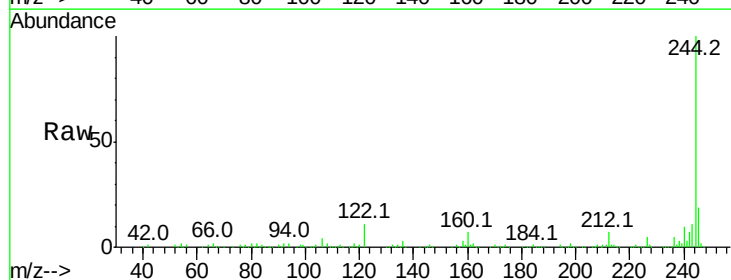
Instrument :
 BNA_F
 ClientSampled :

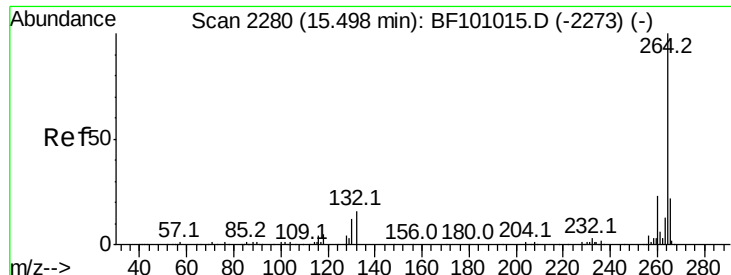
Tot Ion:240 Resp: 106204
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 73.924 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

Tgt Ion:244 Resp: 358942
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.9 11.0 16.4#

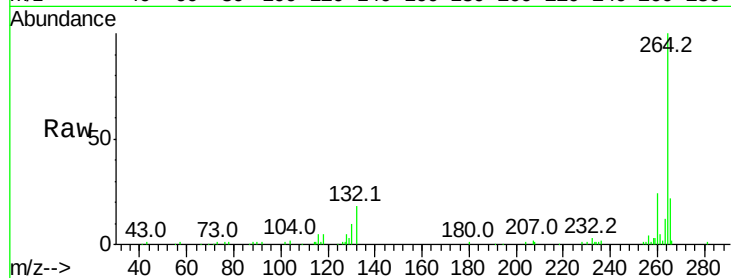




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101143.D
 Acq: 6 Dec 2017 00:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 111309
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 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

