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 Data File : BF103745.D
 Acq On : 19 Mar 2018 9:56
 Operator : JU/SJ
 Sample : J1929-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

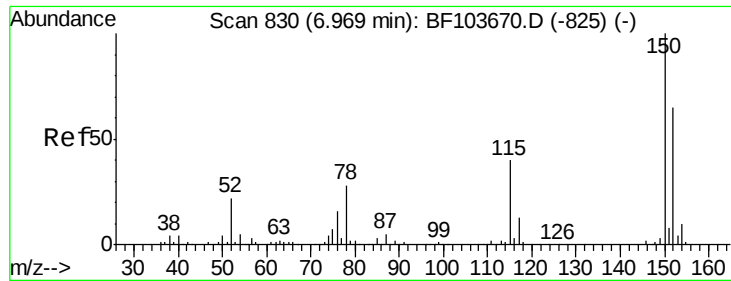
Quant Time: Mar 19 10:47:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168231	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	689779	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	323994	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	600599	20.00	ng	0.00
75) Chrysene-d12	14.16	240	539061	20.00	ng	0.00
86) Perylene-d12	15.70	264	472785	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1309838	118.42	ng	0.02
7) Phenol-d6	6.60	99	1481473	109.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	1133651	114.61	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	442241	158.75	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1910364	94.05	ng	0.00
78) Terphenyl-d14	13.10	244	1910710	82.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	29572	3.326	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	146990	16.950	ng	# 73
25) Isophorone	7.53	82	1133636	49.509	ng	# 64
32) Benzoic acid	7.95	122	6254	10.622	ng	94
47) 2-Nitroaniline	9.43	65	109	6.831	ng	# 2
50) 2,6-Dinitrotoluene	10.01	165	41854	12.010	ng	# 25
52) 3-Nitroaniline	10.22	138	4680	4.566	ng	# 2
55) 4-Nitrophenol	10.22	139	940	5.165	ng	# 51
56) 2,4-Dinitrotoluene	10.01	165	41854	12.228	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	810	8.521	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	26343	4.272	ng	# 1

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

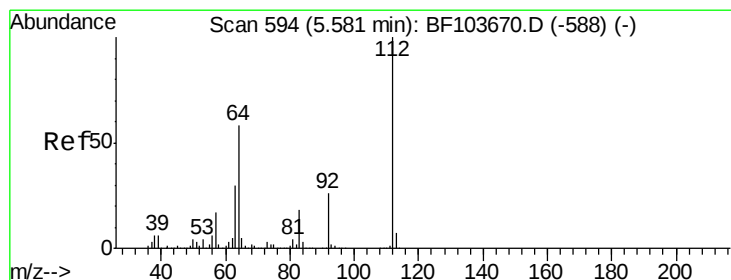
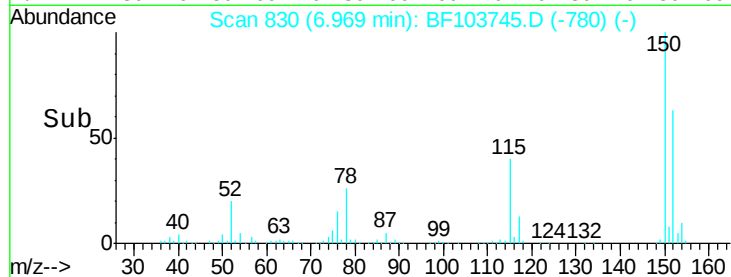
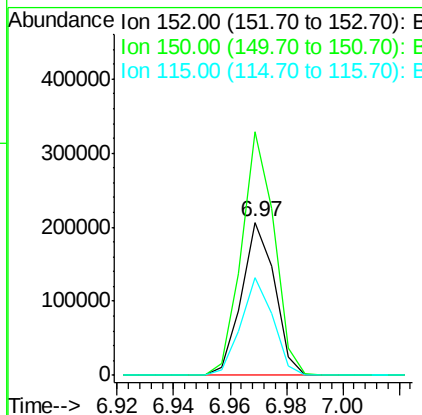
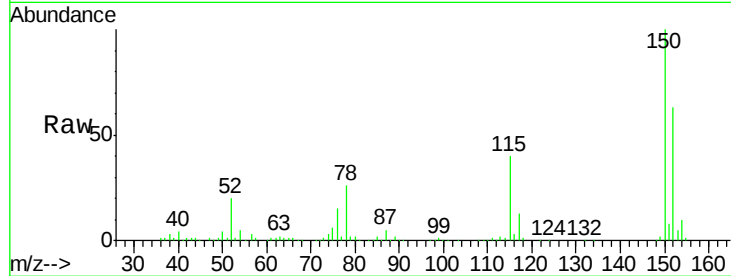


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

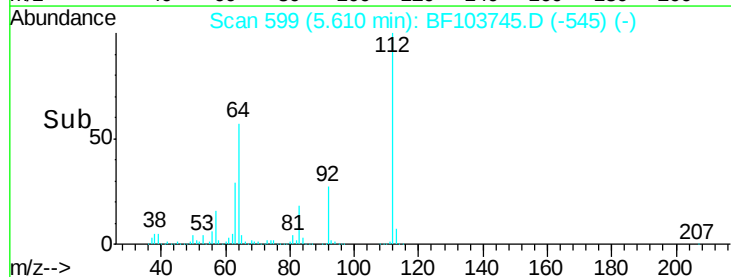
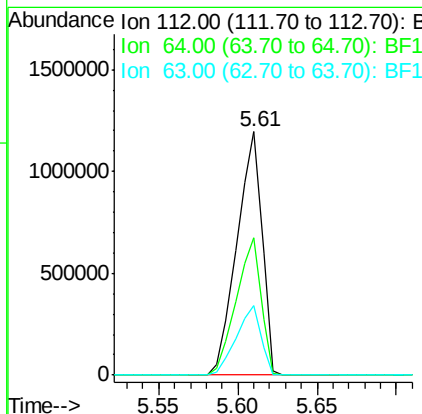
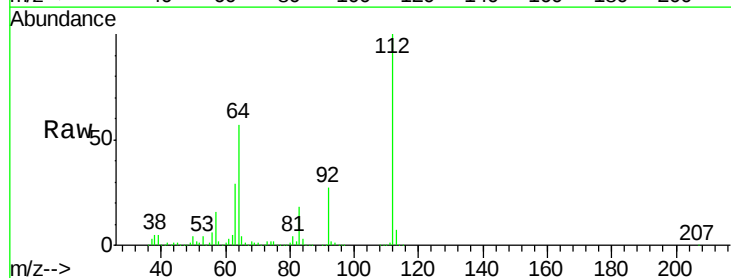
Tot Ion:152 Resp: 168231
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 63.9 50.1 75.1



#5

2-Fluorophenol
Concen: 118.424 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Tgt Ion:112 Resp: 1309838
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 109.480 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

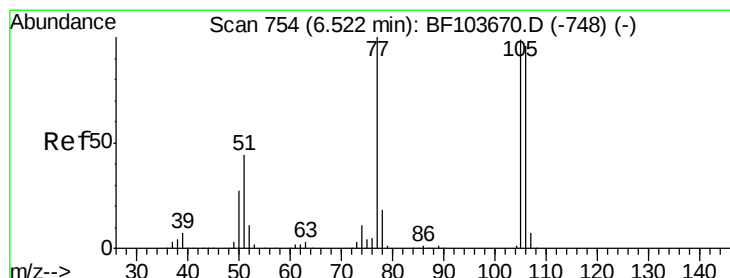
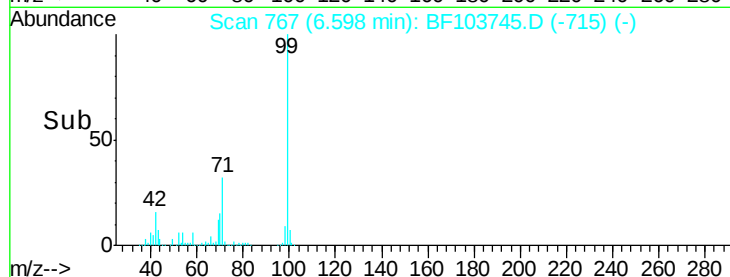
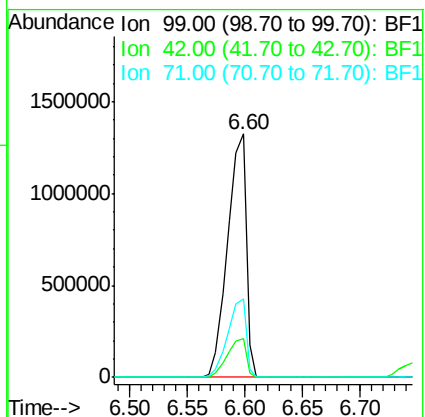
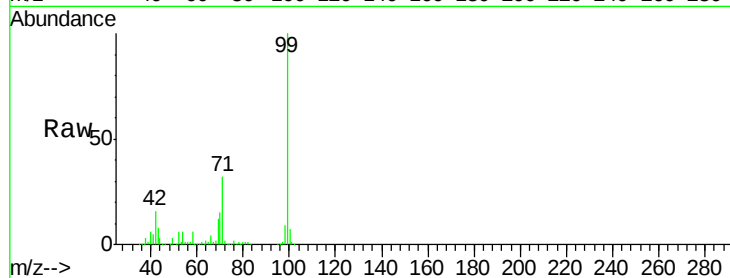
Tot Ion: 99 Resp: 1481473

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 32.0 25.4 38.0



#9

Benzaldehyde

Concen: 3.326 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

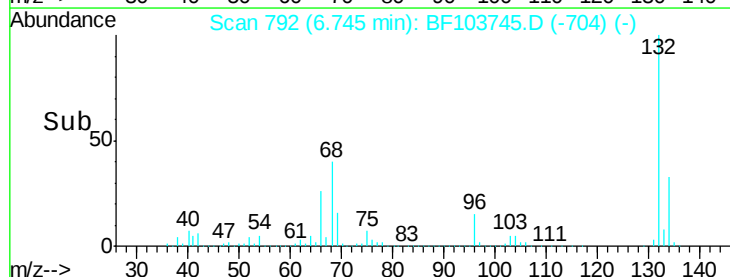
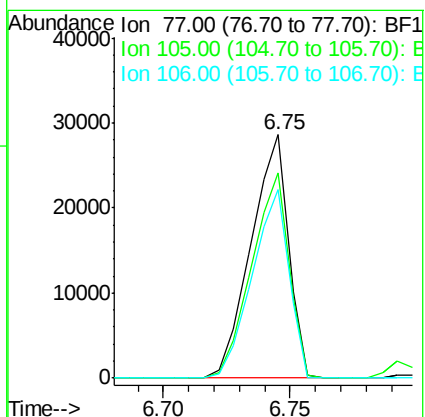
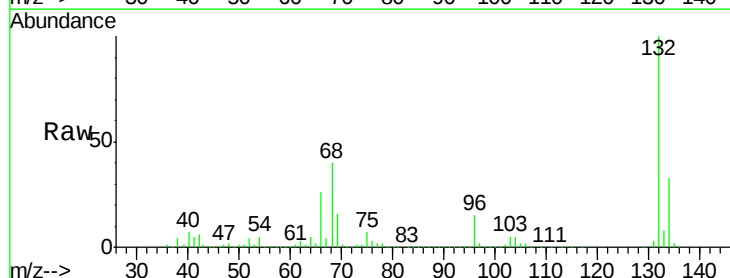
Tgt Ion: 77 Resp: 29572

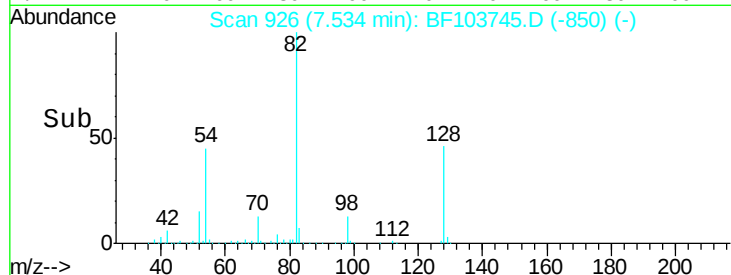
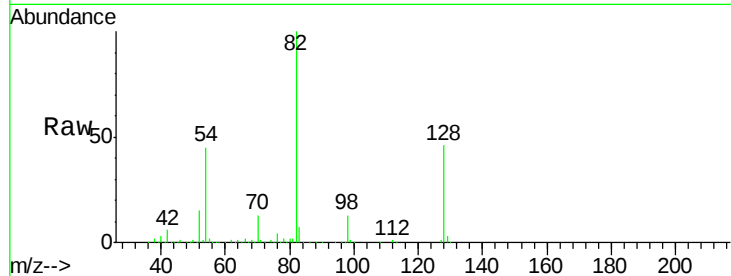
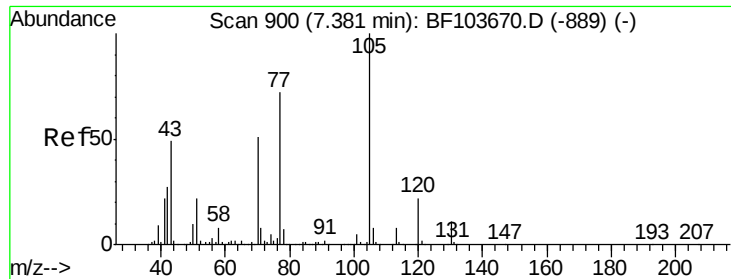
Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

106 77.6 74.5 114.5

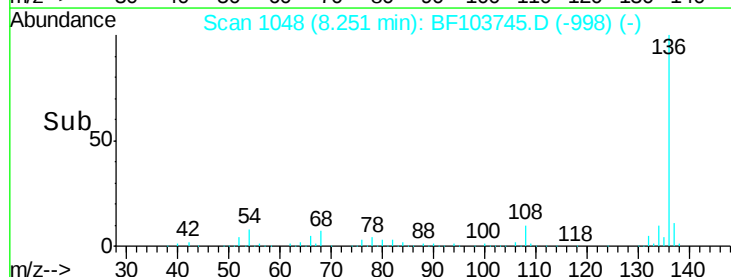
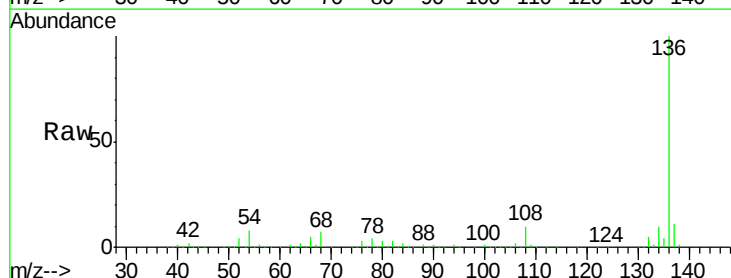
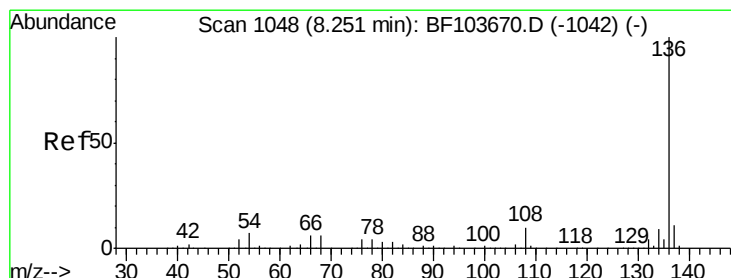
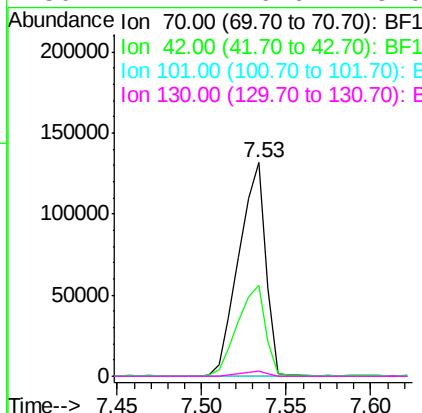




#19
n-Nitroso-di-n-propylamine
Concen: 16.950 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

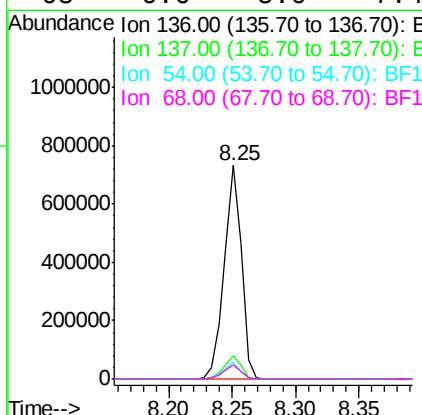
Instrument :
BNA_F
ClientSampleId :

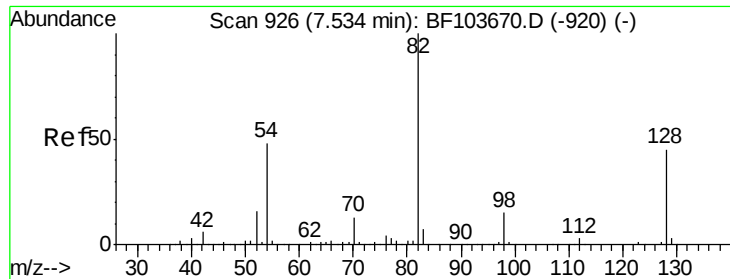
Tot Ion: 70 Resp: 146990
Ion Ratio Lower Upper
70 100
42 42.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Tgt Ion:136 Resp: 689779
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 6.6 5.0 7.4

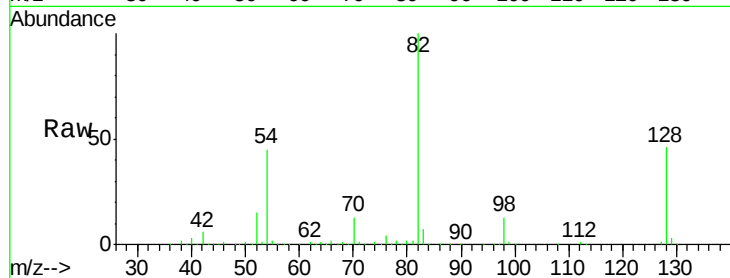




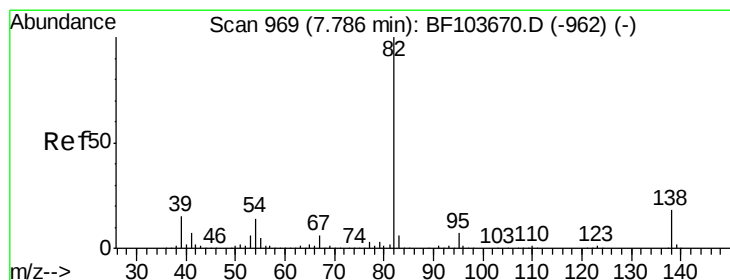
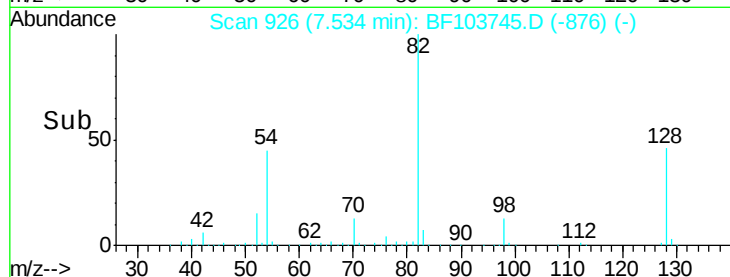
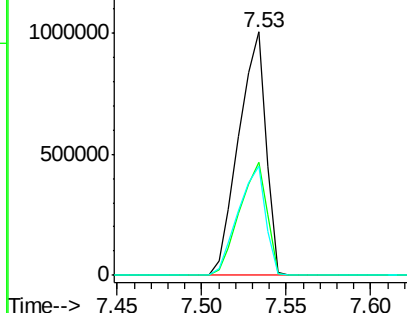
#23
 Nitrobenzene-d5
 Concen: 114.611 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103745.D
 Acq: 19 Mar 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1133651
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 44.8 41.4 62.2

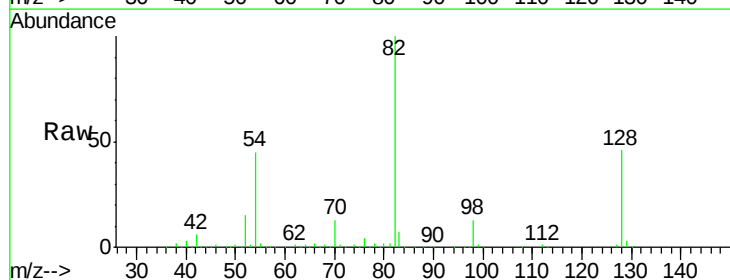


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

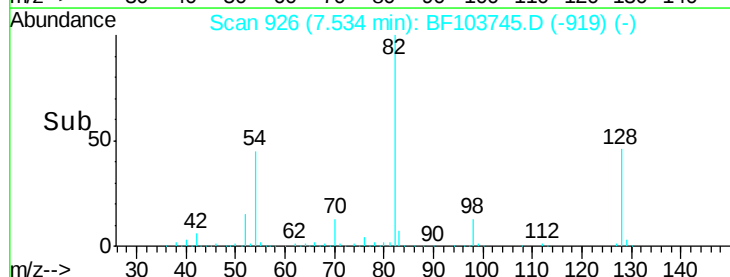
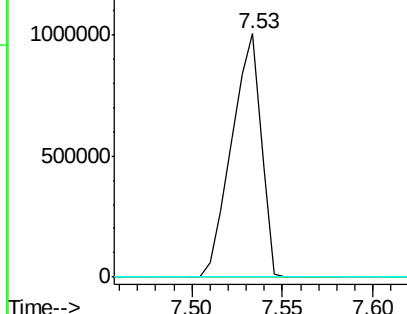


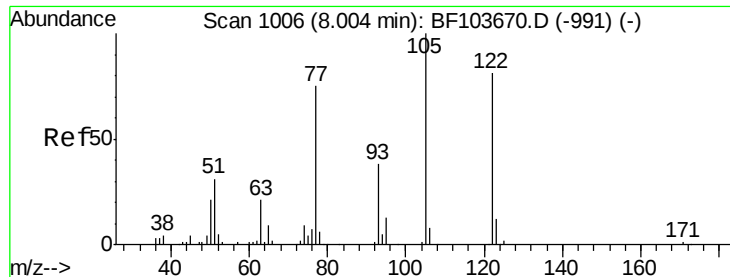
#25
 Isophorone
 Concen: 49.509 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF103745.D
 Acq: 19 Mar 2018 9:56

Tgt Ion: 82 Resp: 1133636
 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): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

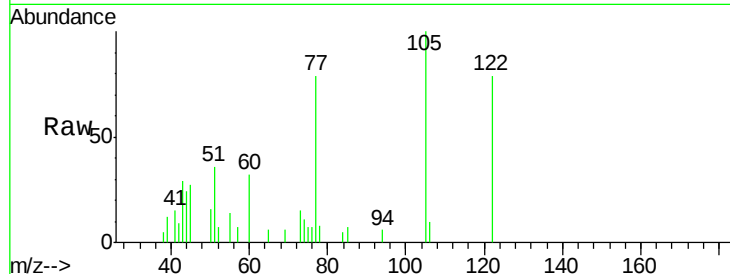




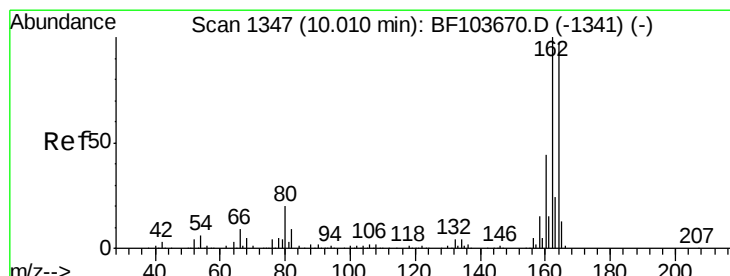
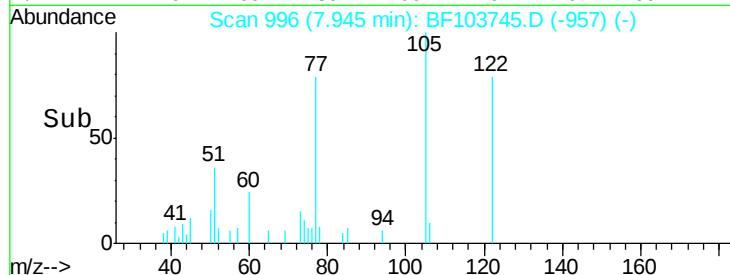
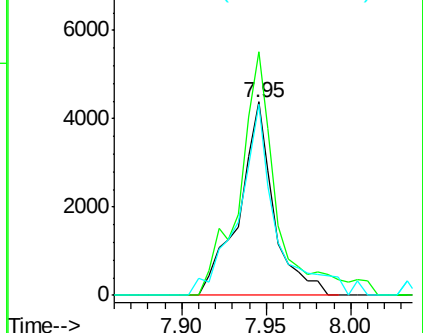
#32
Benzoic acid
Concen: 10.622 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.07 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 6254
Ion Ratio Lower Upper
122 100
105 126.0 101.1 141.1
77 99.0 70.7 110.7

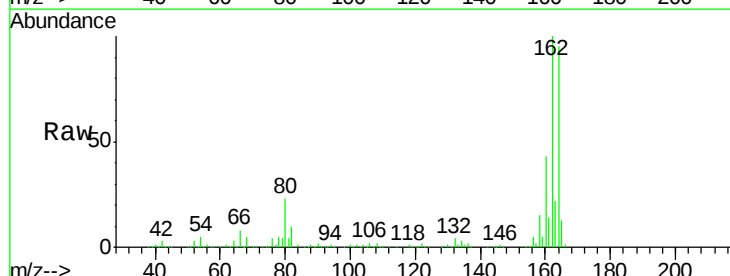


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

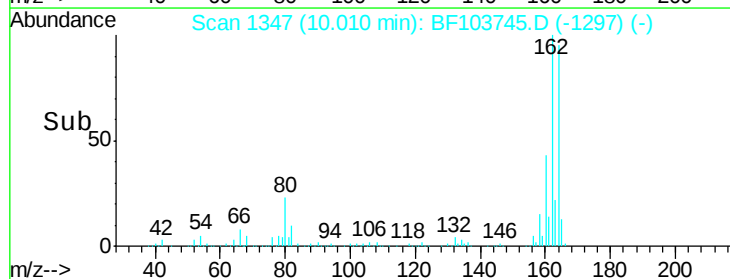
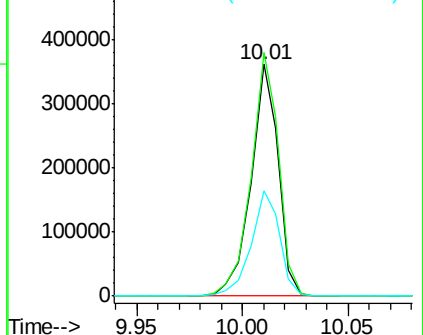


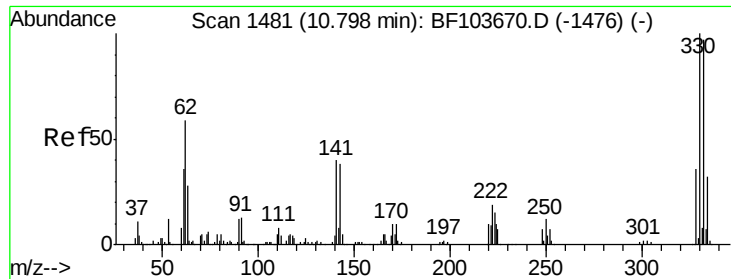
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Tgt Ion:164 Resp: 323994
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.6 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

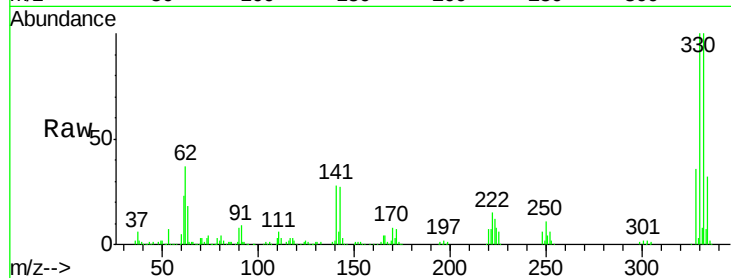




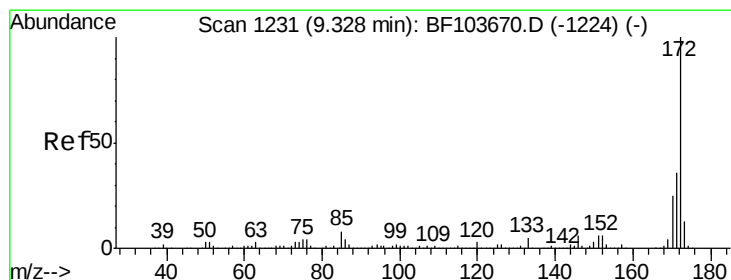
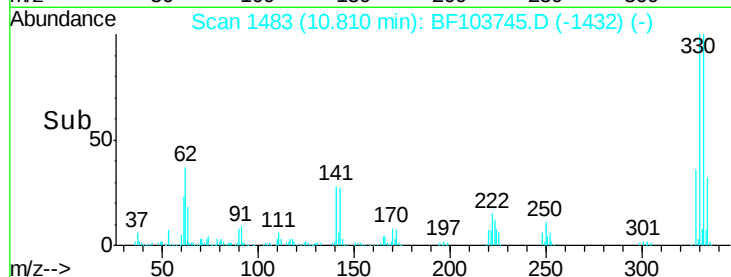
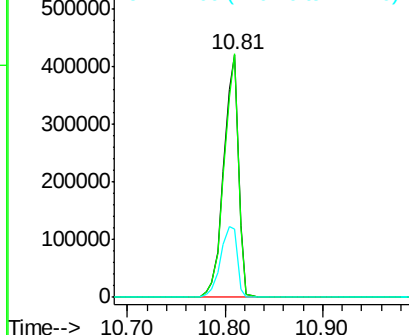
#41
 2,4,6-Tribromophenol
 Concen: 158.753 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103745.D
 Acq: 19 Mar 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 442241
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 33.1 29.9 44.9

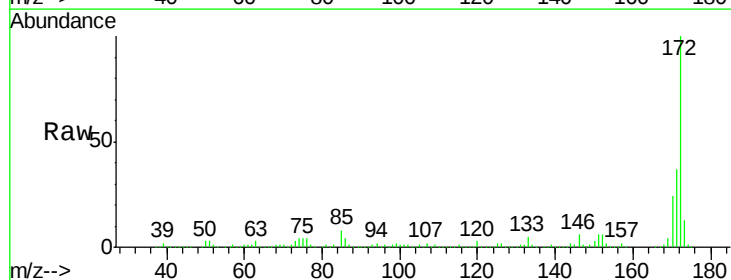


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

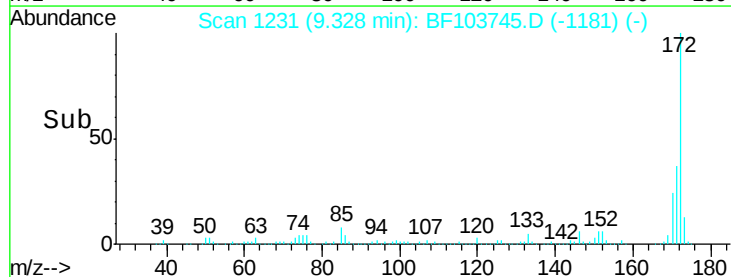
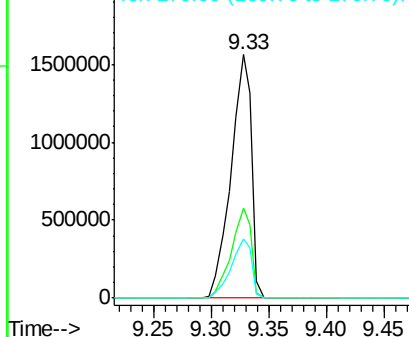


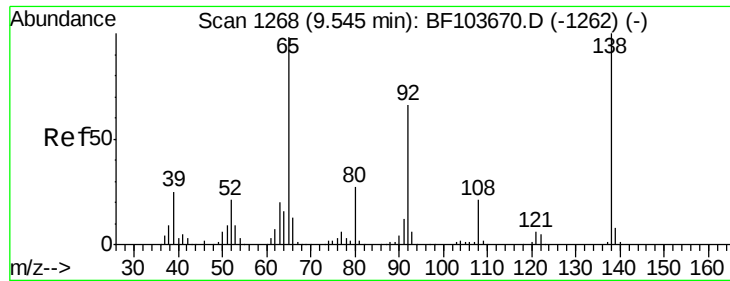
#44
 2-Fluorobiphenyl
 Concen: 94.055 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103745.D
 Acq: 19 Mar 2018 9:56

Tgt Ion:172 Resp: 1910364
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

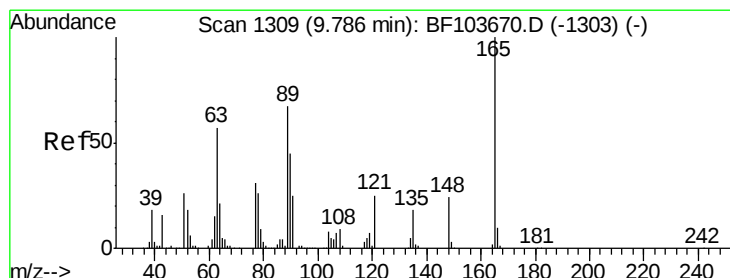
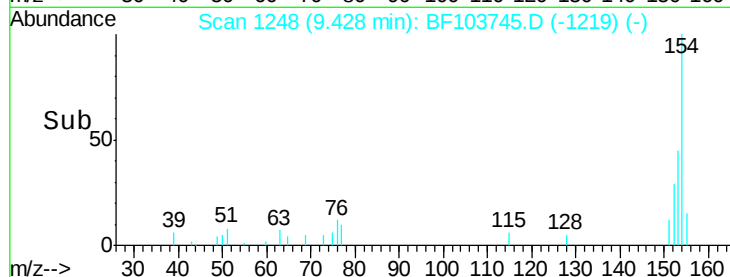
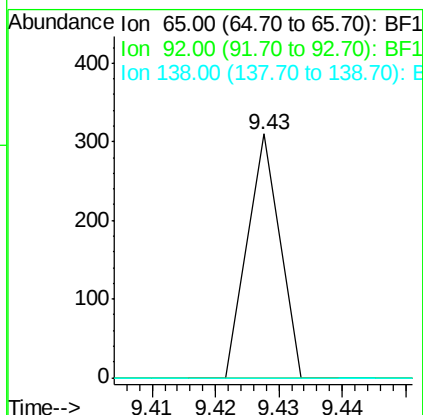
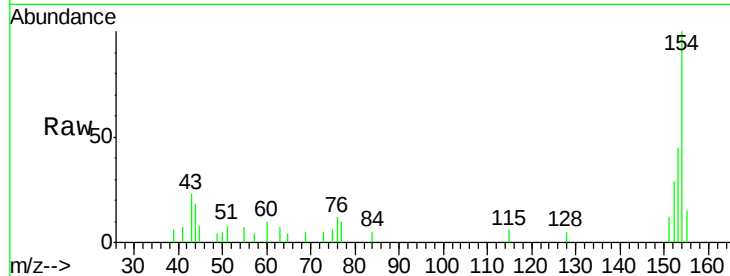




#47
2-Nitroaniline
Concen: 6.831 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.13 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

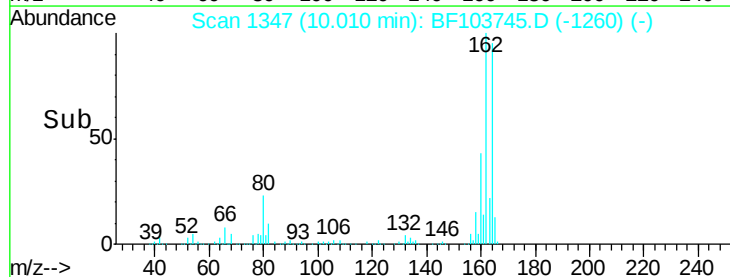
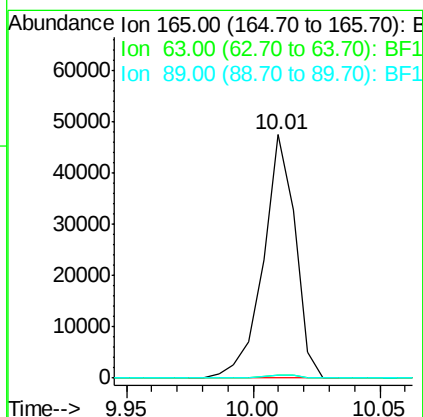
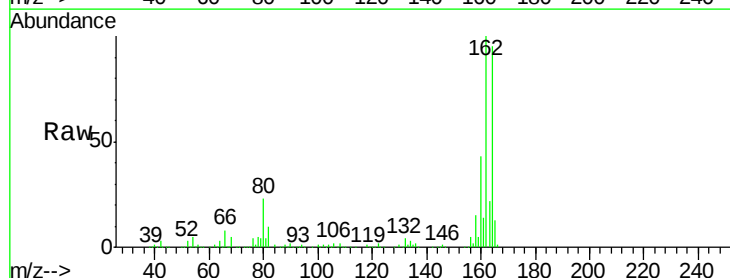
Instrument :
BNA_F
ClientSampleId :

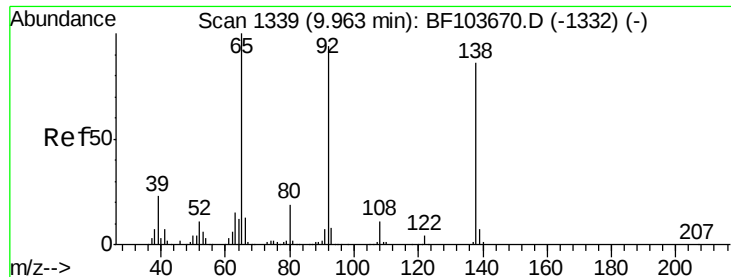
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



#50
2,6-Dinitrotoluene
Concen: 12.010 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#





#52

3-Nitroaniline

Concen: 4.566 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.25 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

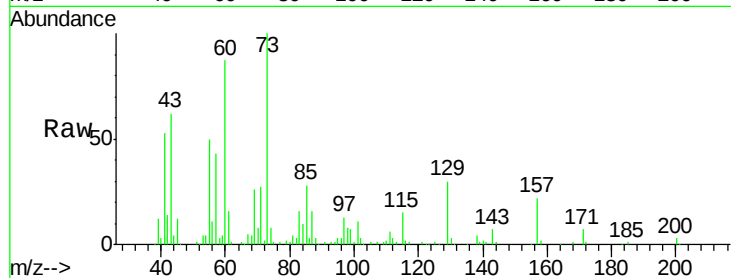
Tot Ion:138 Resp: 4680

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

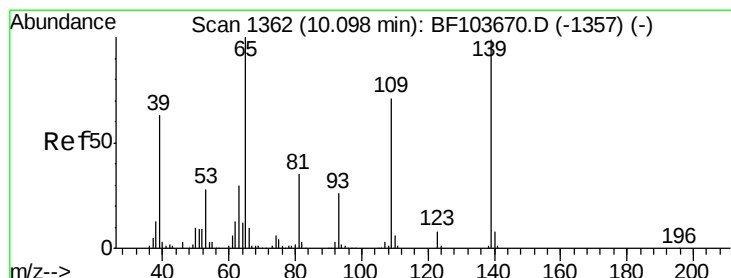
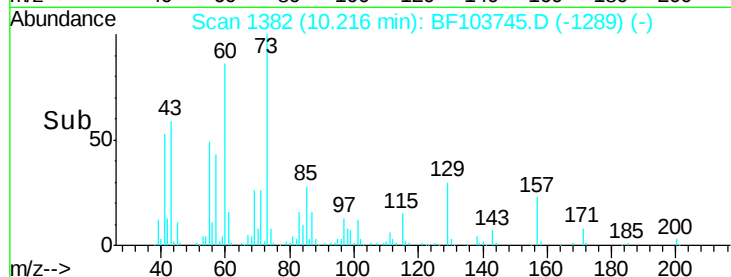
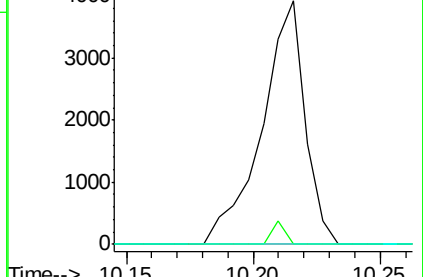
92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#55

4-Nitrophenol

Concen: 5.165 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.10 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

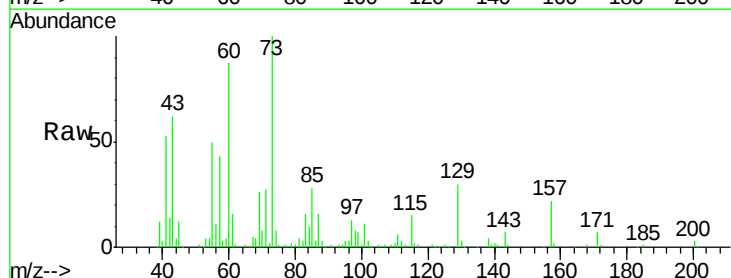
Tgt Ion:139 Resp: 940

Ion Ratio Lower Upper

139 100

109 112.2 48.4 88.4#

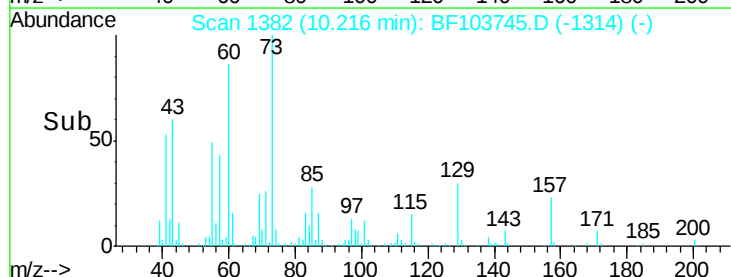
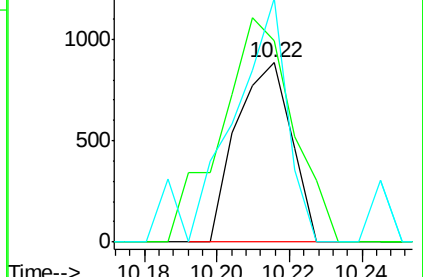
65 135.7 72.6 112.6#

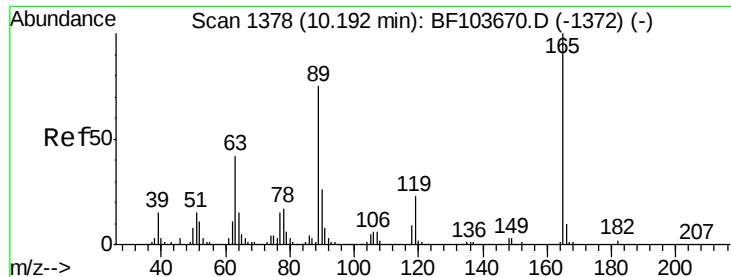


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

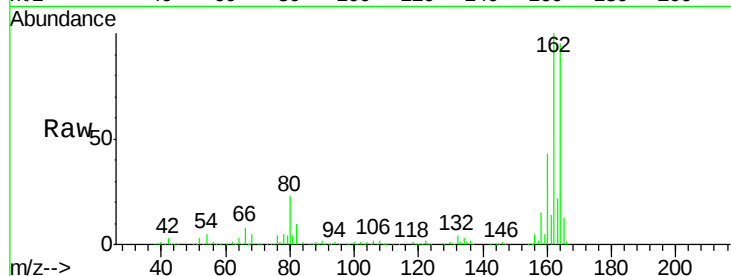




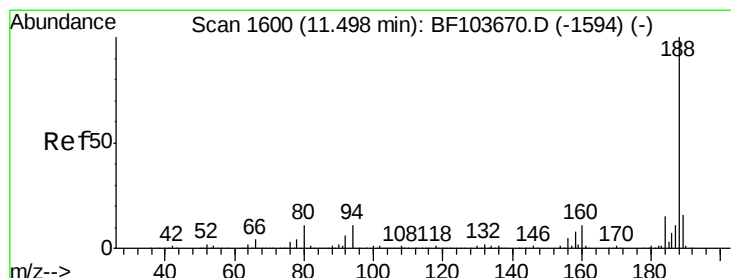
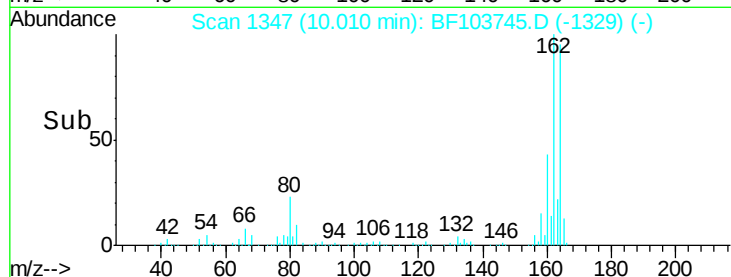
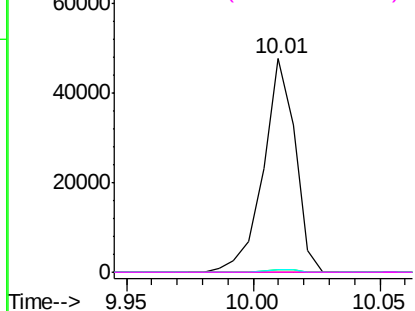
#56
2,4-Dinitrotoluene
Concen: 12.228 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 41854
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

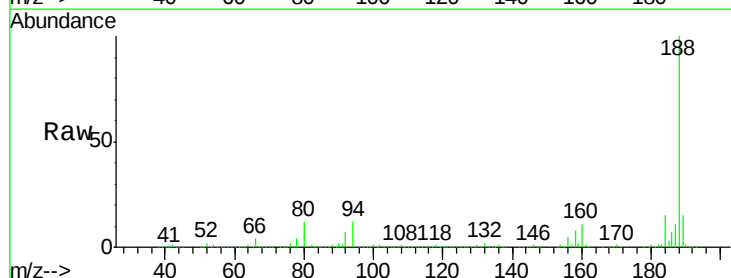


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

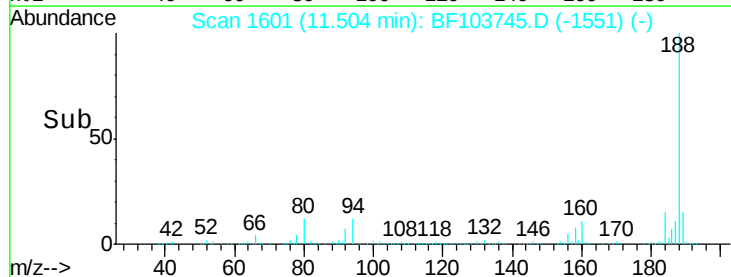
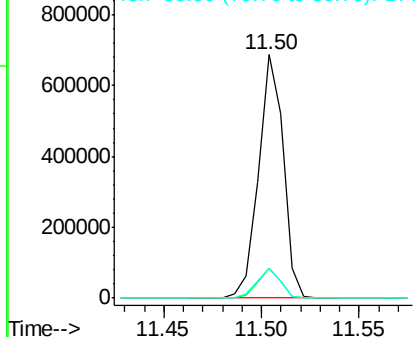


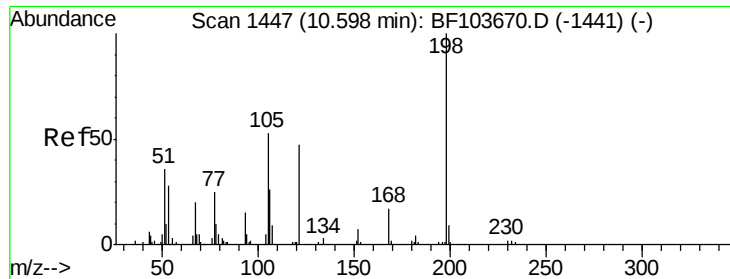
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Tgt Ion:188 Resp: 600599
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.521 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.20 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

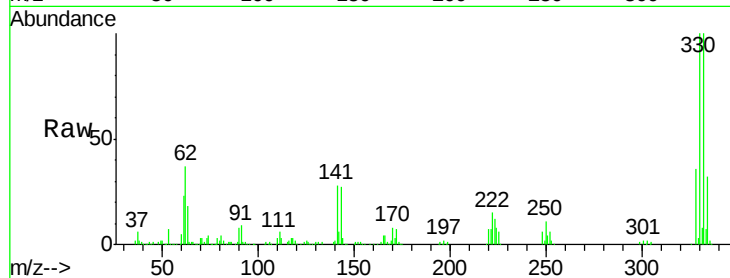
Tot Ion:198 Resp: 810

Ion Ratio Lower Upper

198 100

51 100.1 37.7 77.7#

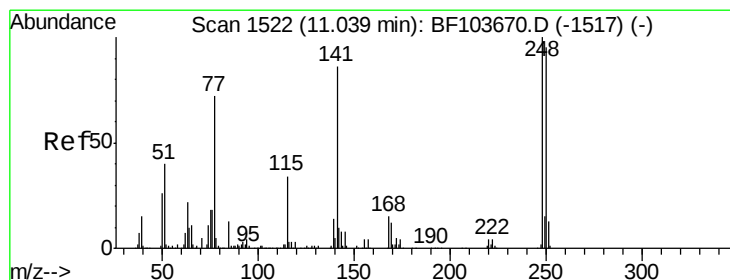
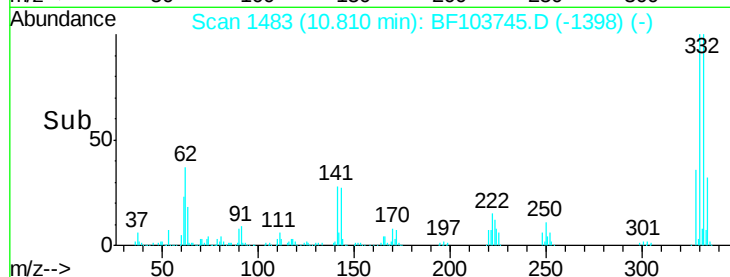
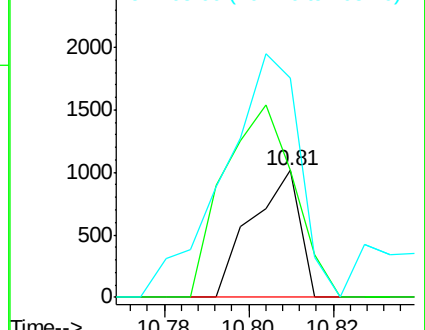
105 172.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.272 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.24 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

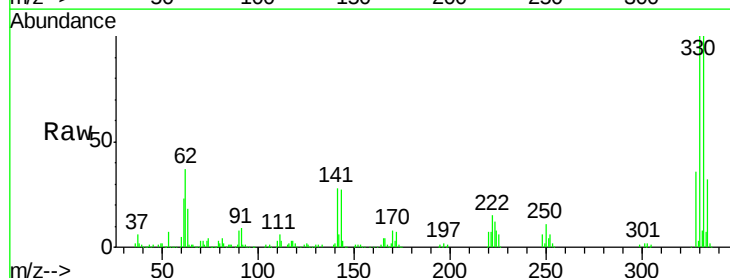
Tgt Ion:248 Resp: 26343

Ion Ratio Lower Upper

248 100

250 200.0 76.9 115.3#

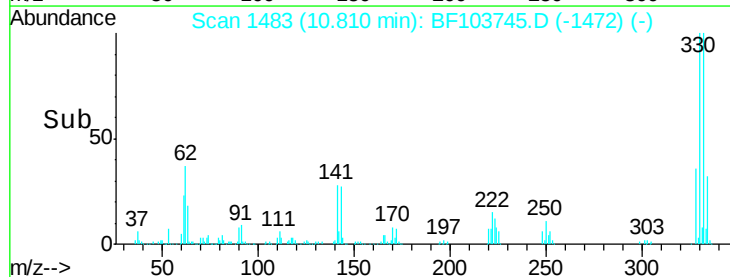
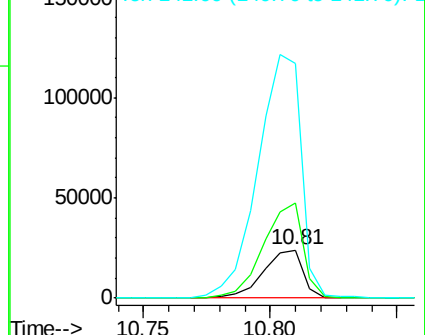
141 490.7 74.4 111.6#

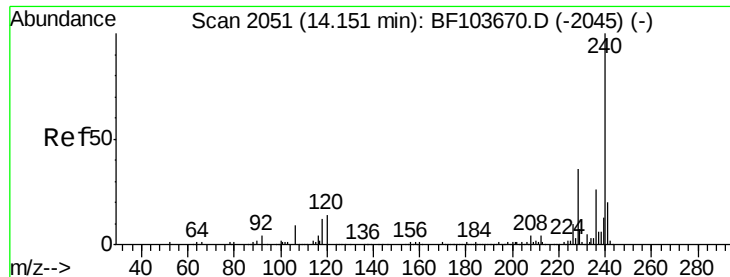


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

Instrument :

BNA_F

ClientSampleId :

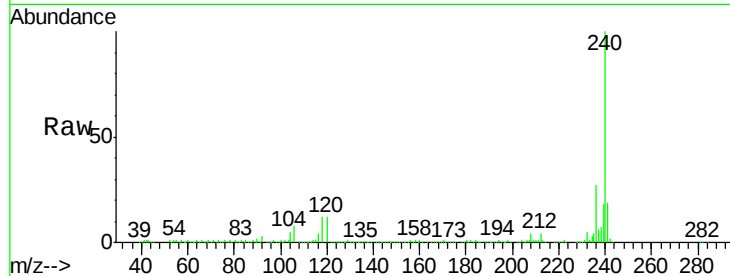
Tot Ion:240 Resp: 539061

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

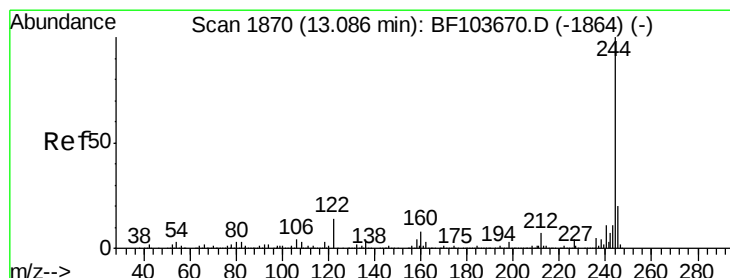
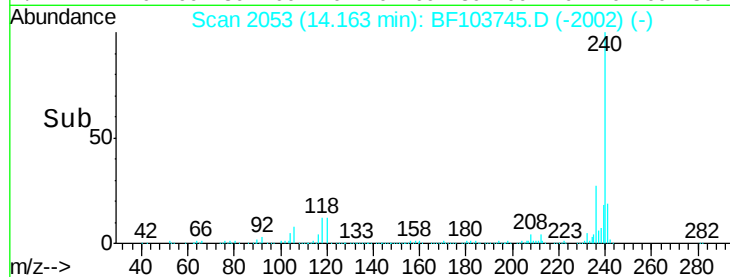
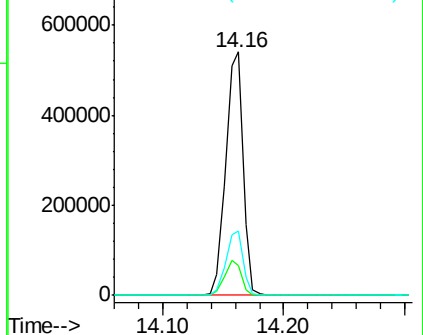
236 26.6 20.7 31.1



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: 82.273 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103745.D

Acq: 19 Mar 2018 9:56

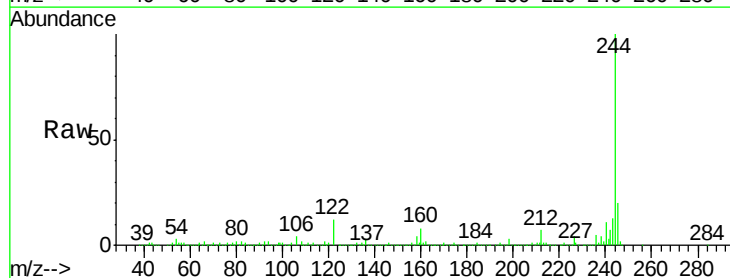
Tgt Ion:244 Resp: 1910710

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

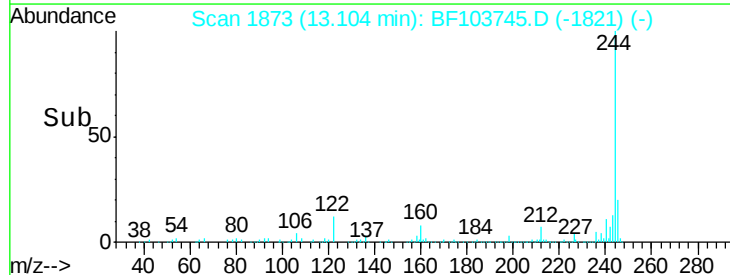
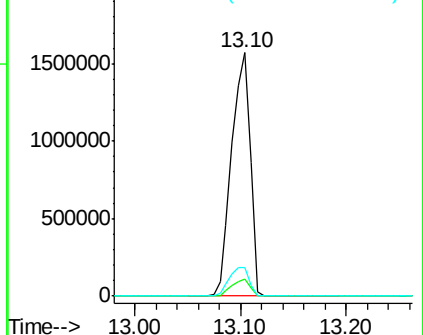
122 11.8 11.0 16.4

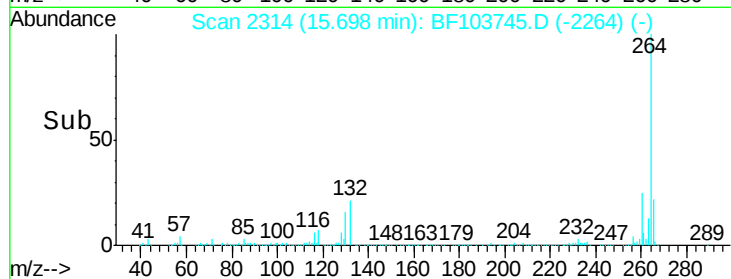
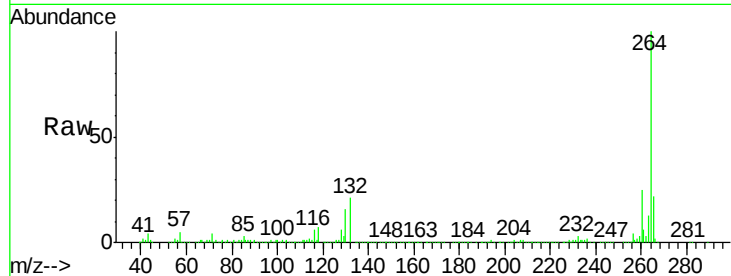
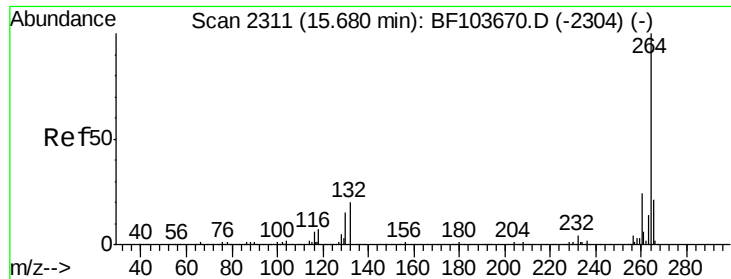


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BF103745.D
Acq: 19 Mar 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3

