

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103755.D
 Acq On : 19 Mar 2018 14:23
 Operator : JU/SJ
 Sample : J1750-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:50:08 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	164896	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	675894	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	317517	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	589583	20.00	ng	0.00
75) Chrysene-d12	14.16	240	511762	20.00	ng	0.00
86) Perylene-d12	15.69	264	419968	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1304874	120.36	ng	0.02
7) Phenol-d6	6.60	99	1459776	110.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	1081807	111.62	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	433903	158.94	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1738923	87.36	ng	0.00
78) Terphenyl-d14	13.10	244	1860213	84.37	ng	0.00

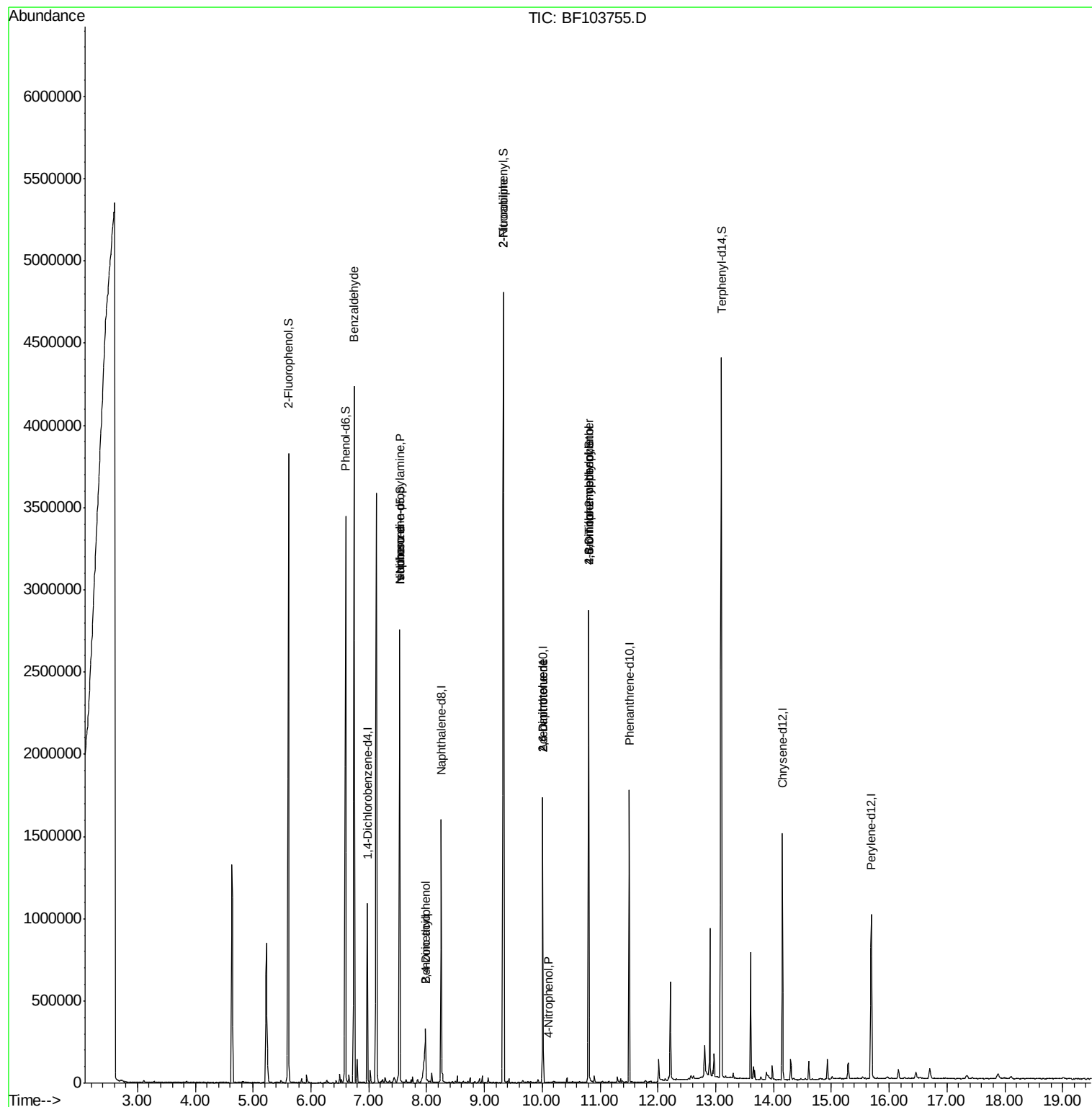
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	29263	3.358	ng	80
19) n-Nitroso-di-n-propylamine	7.53	70	141913	16.695	ng	# 74
25) Isophorone	7.53	82	1081799	48.215	ng	# 64
27) 2,4-Dimethylphenol	7.98	122	115791	12.047	ng	# 4
32) Benzoic acid	7.98	122	115791	23.455	ng	94
47) 2-Nitroaniline	9.33	65	3154	7.306	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	40771	11.962	ng	# 25
55) 4-Nitrophenol	10.11	139	315	5.036	ng	# 48
56) 2,4-Dinitrotoluene	10.01	165	40771	12.192	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	984	8.617	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	26915	4.446	ng	# 1

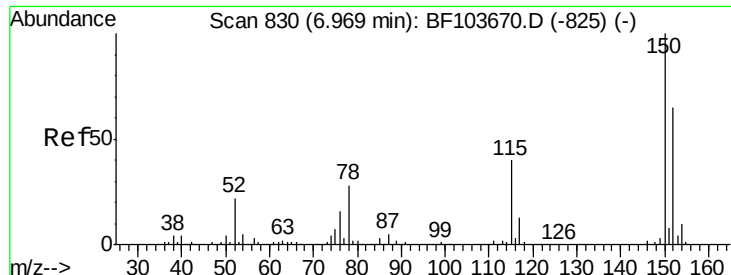
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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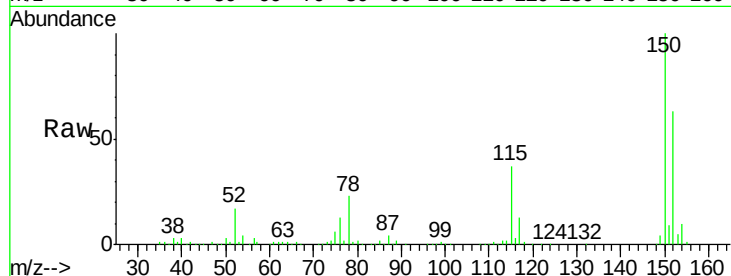


#1

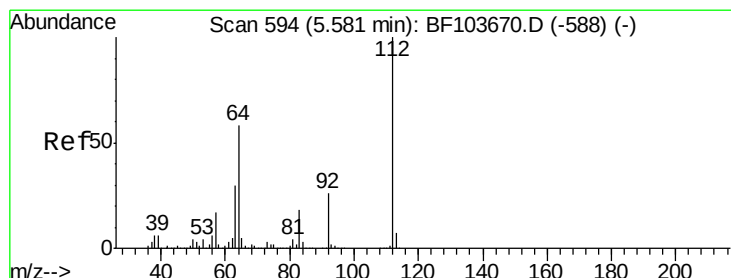
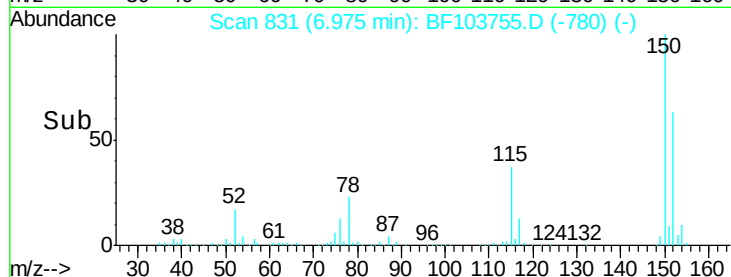
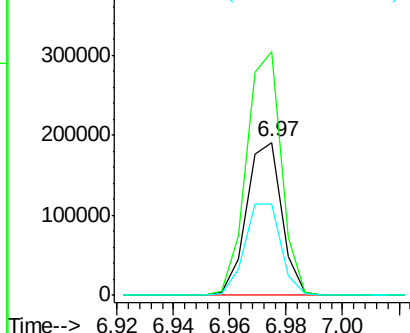
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	59.4	50.1	75.1



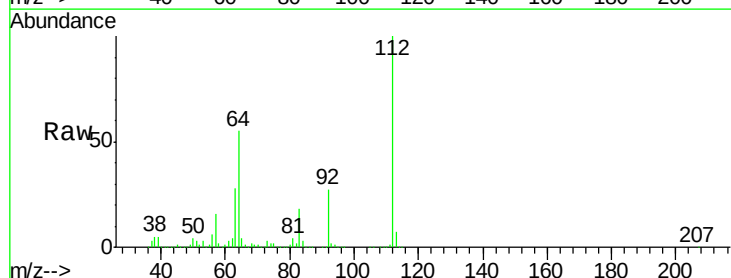
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



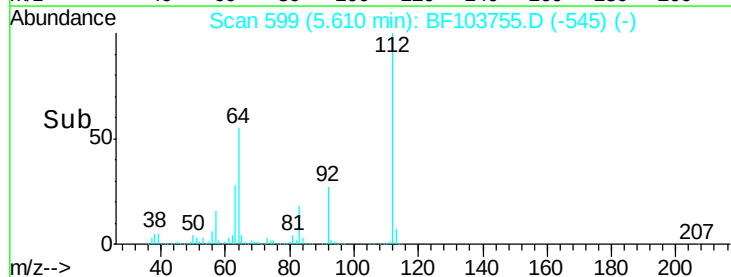
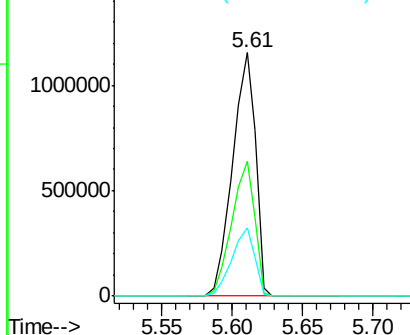
#5

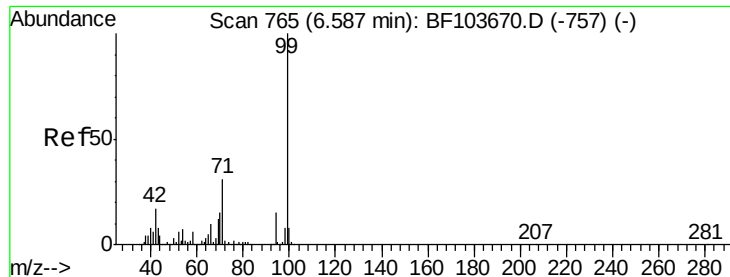
2-Fluorophenol
Concen: 120.361 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	28.3	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: 110.059 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Instrument :

BNA_F

ClientSampleId :

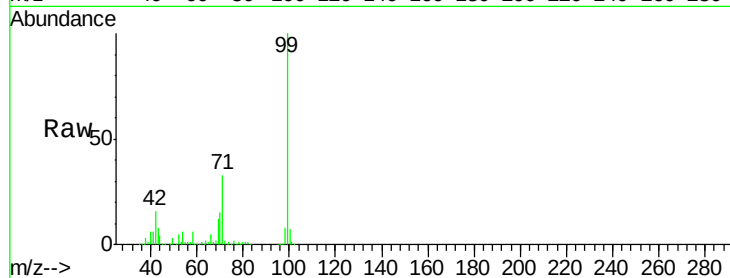
Tot Ion: 99 Resp: 1459776

Ion Ratio Lower Upper

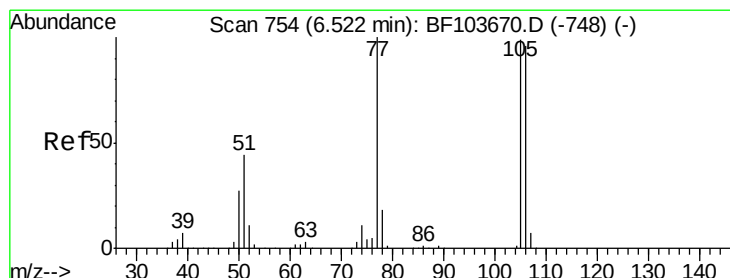
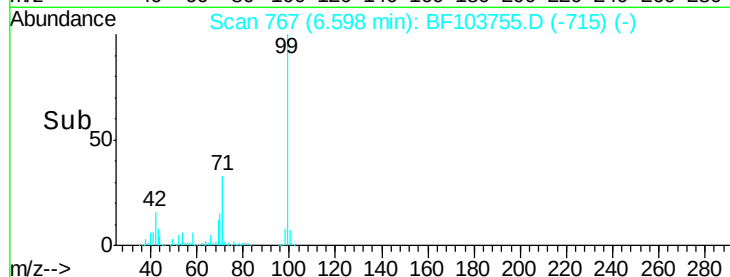
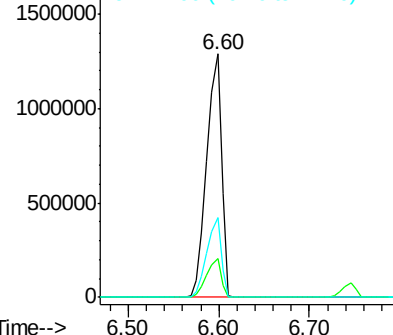
99 100

42 15.7 14.5 21.7

71 32.9 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: 3.358 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

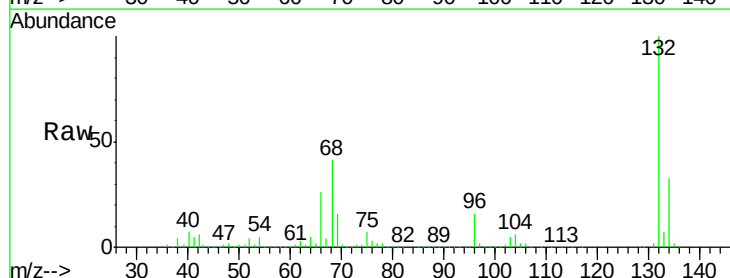
Tgt Ion: 77 Resp: 29263

Ion Ratio Lower Upper

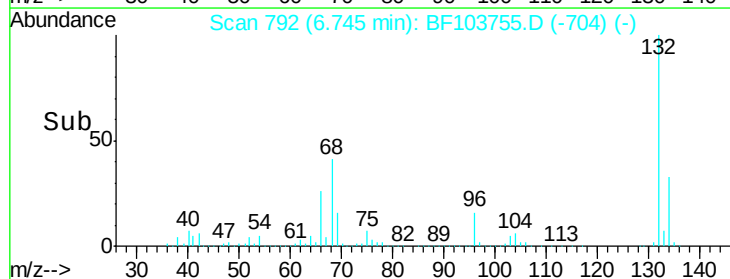
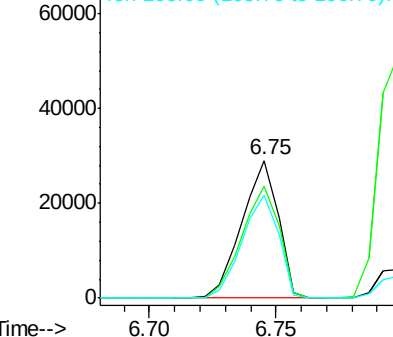
77 100

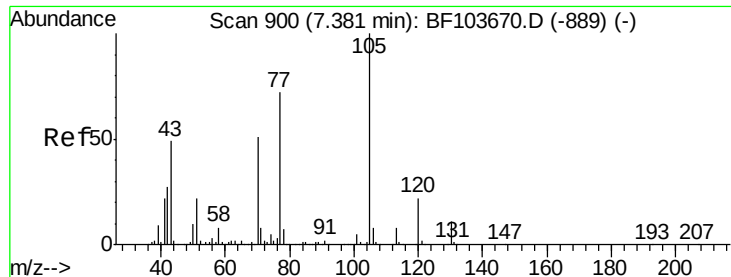
105 81.6 81.1 121.1

106 74.8 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

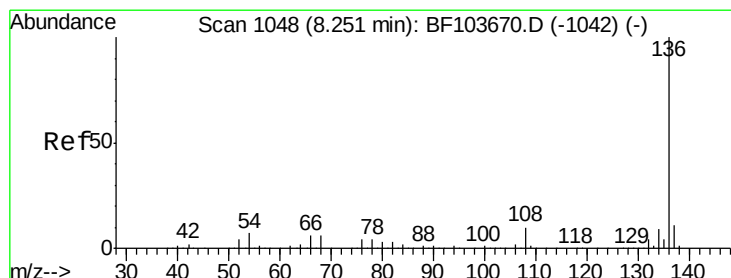
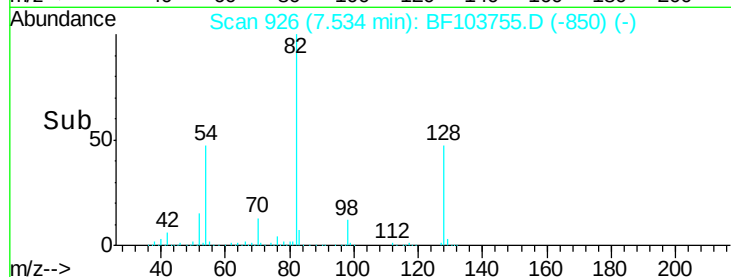
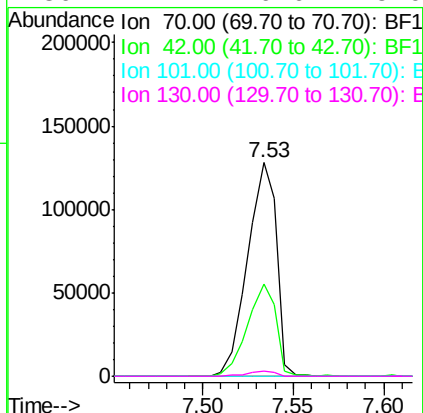
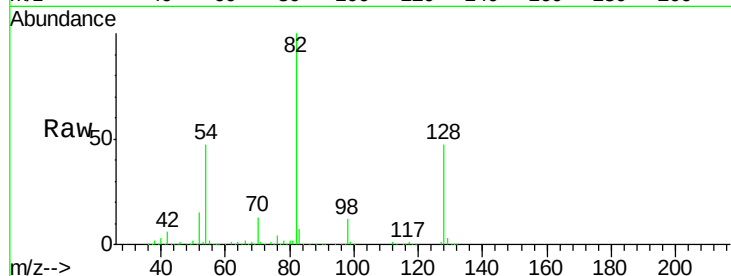




#19
n-Nitroso-di-n-propylamine
Concen: 16.695 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

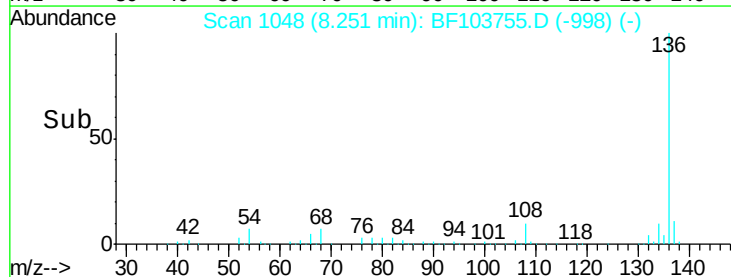
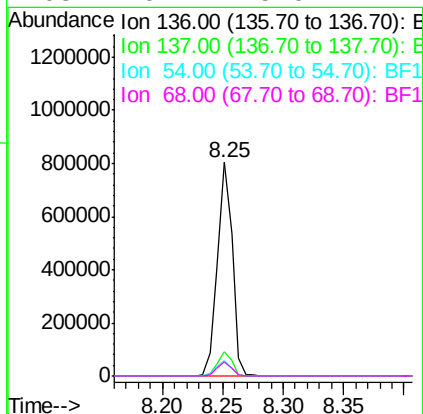
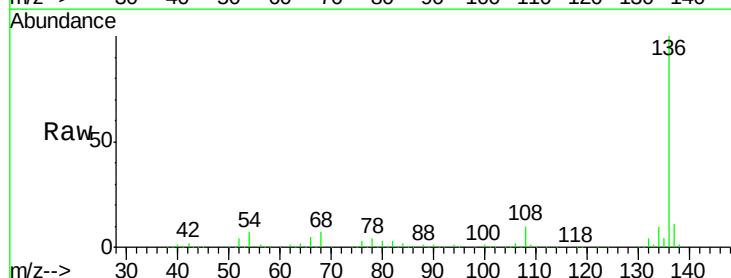
Instrument :
BNA_F
ClientSampleId :

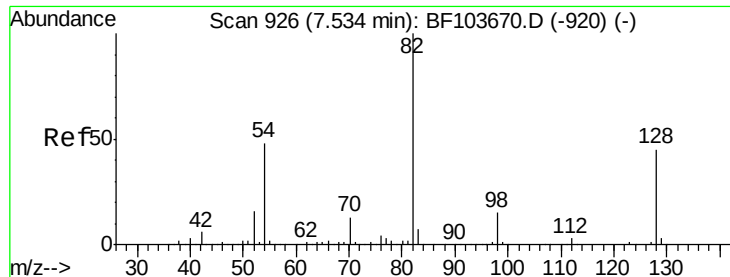
Tot Ion: 70 Resp: 141913
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion: 136 Resp: 675894
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.3 6.6 9.8
68 6.7 5.0 7.4

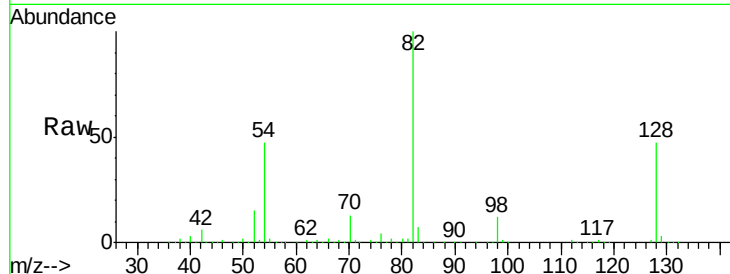




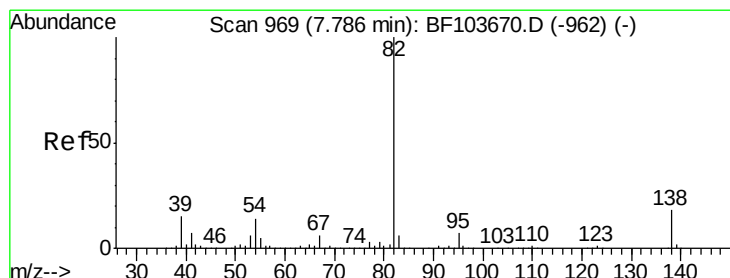
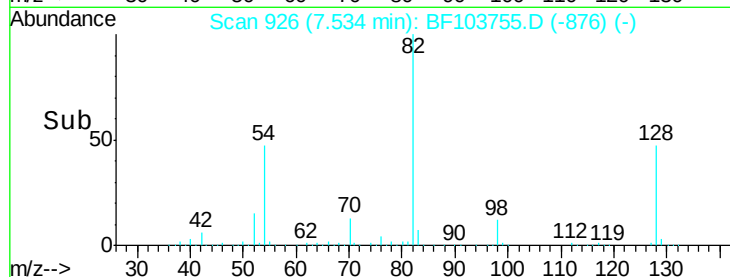
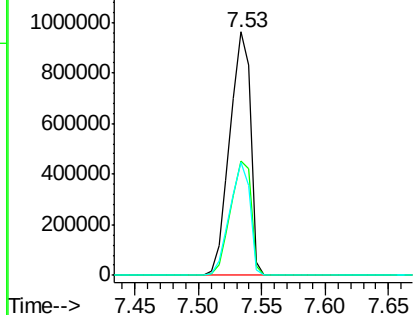
#23
Nitrobenzene-d5
Concen: 111.616 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1081807
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.6 41.4 62.2

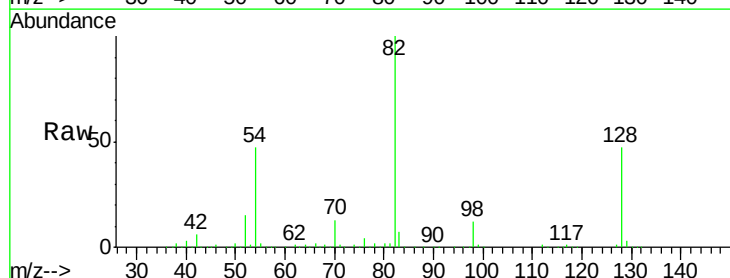


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

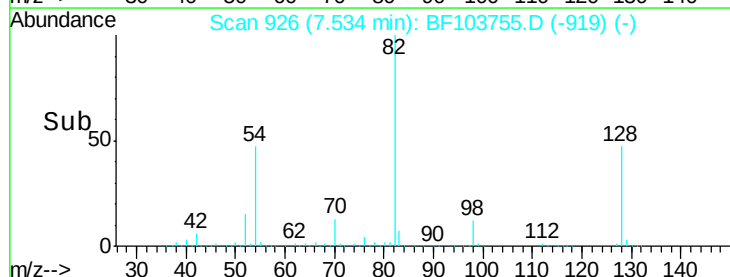
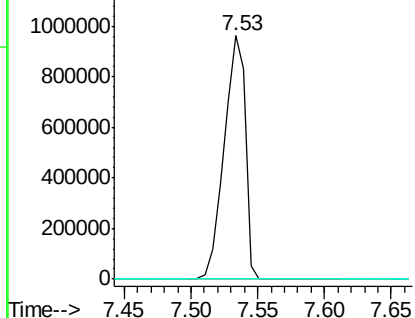


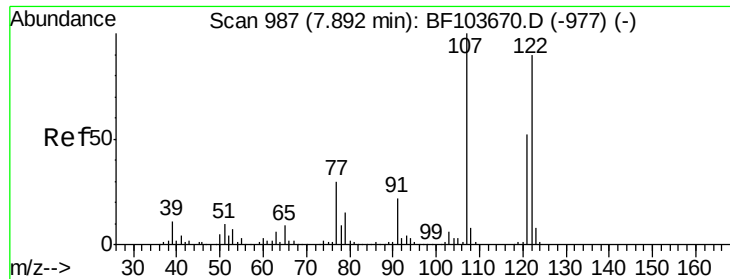
#25
Isophorone
Concen: 48.215 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion: 82 Resp: 1081799
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

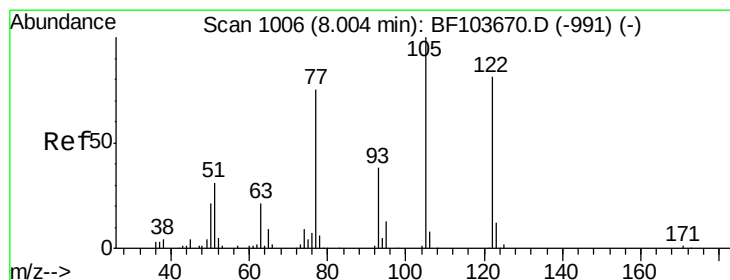
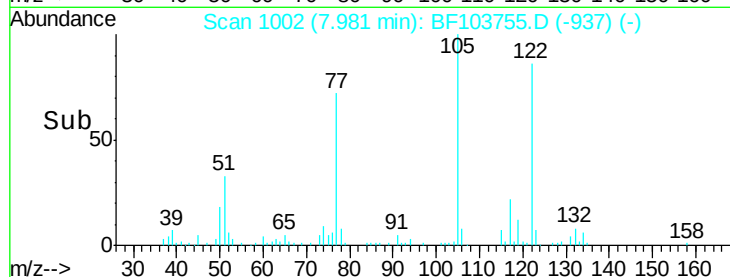
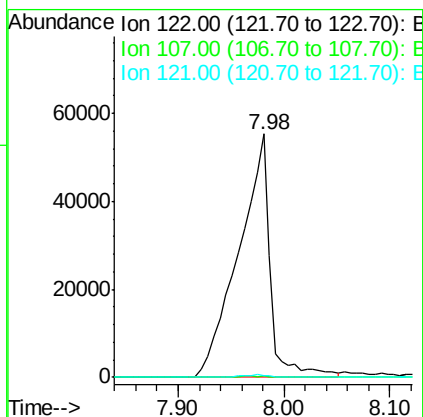
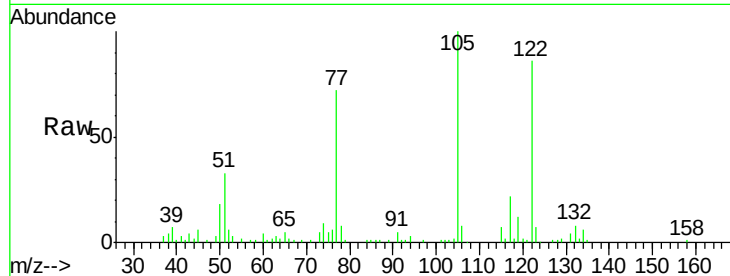




#27
2,4-Dimethylphenol
Concen: 12.047 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.08 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

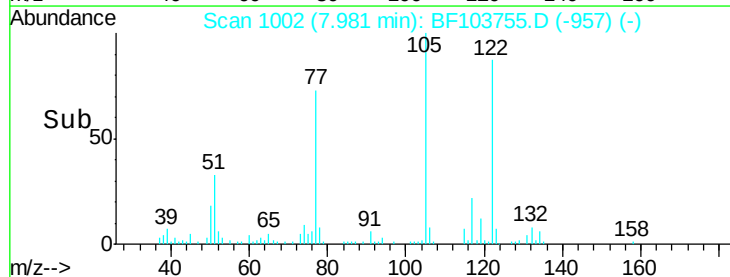
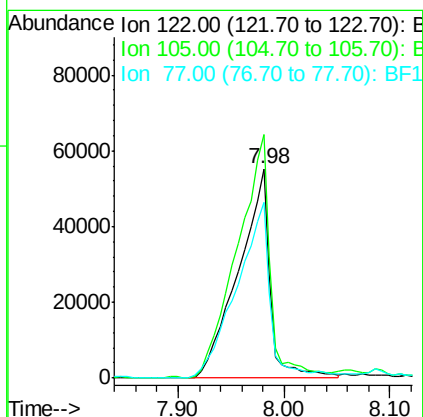
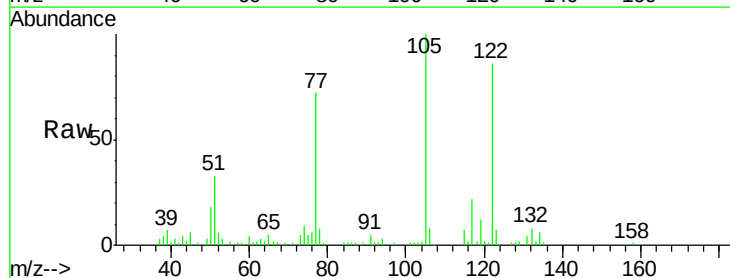
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ClientSampleId :

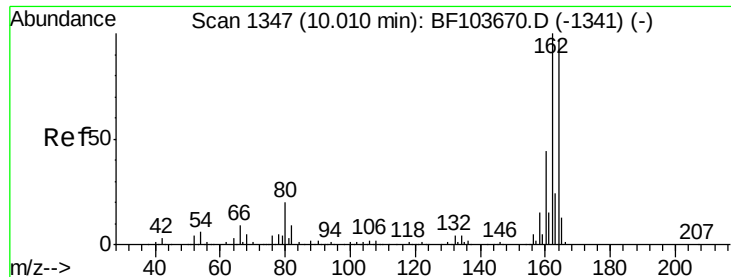
Tot Ion:122 Resp: 115791
Ion Ratio Lower Upper
122 100
107 0.6 91.2 136.8#
121 1.0 47.2 70.8#



#32
Benzoic acid
Concen: 23.455 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.04 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion:122 Resp: 115791
Ion Ratio Lower Upper
122 100
105 116.2 101.1 141.1
77 84.0 70.7 110.7

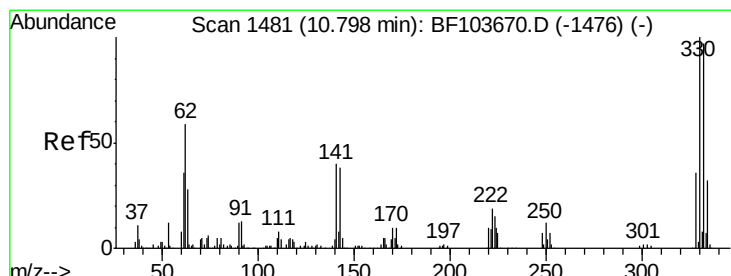
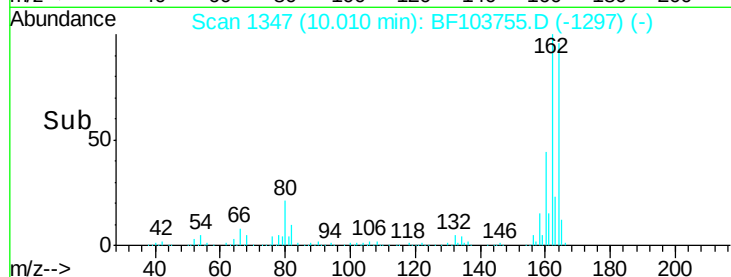
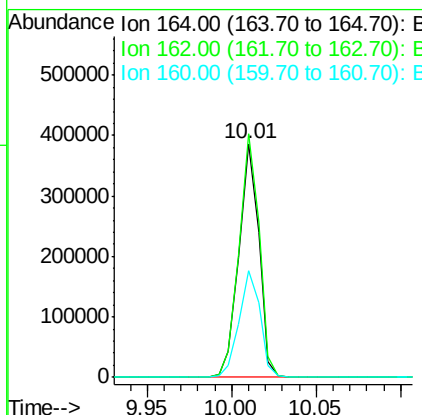
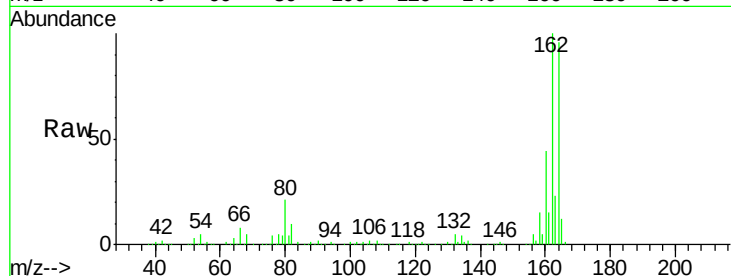




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

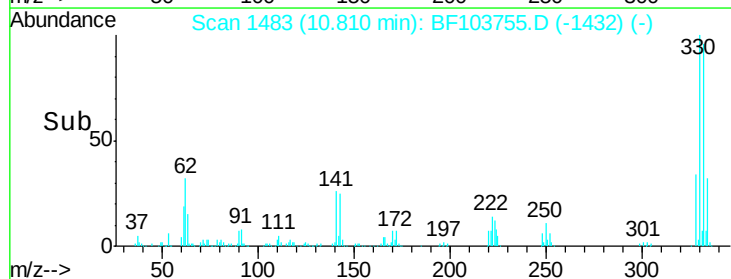
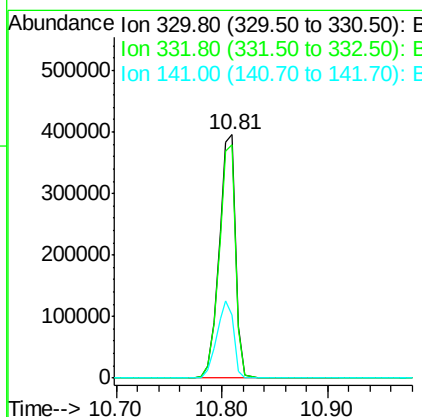
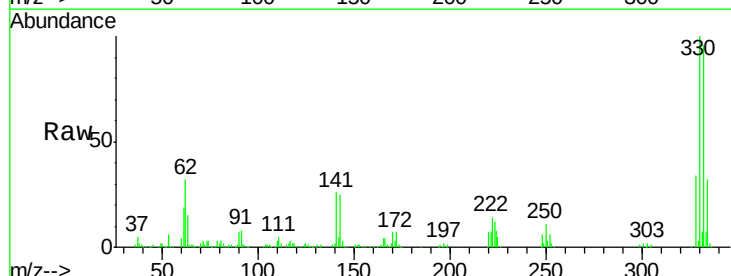
Instrument :
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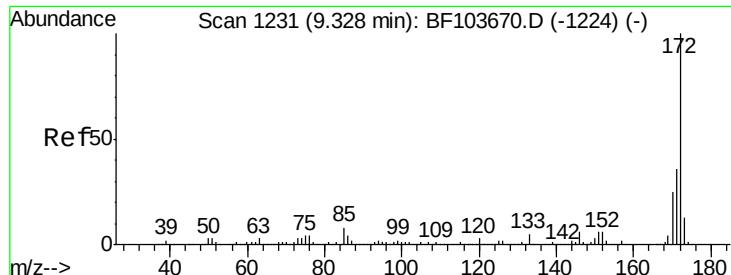
Tot Ion:164 Resp: 317517
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 158.937 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Tgt Ion:330 Resp: 433903
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.6 29.9 44.9

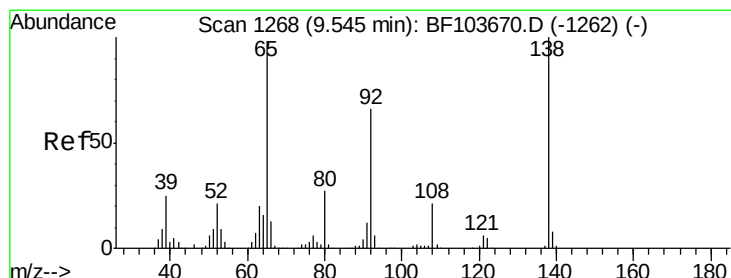
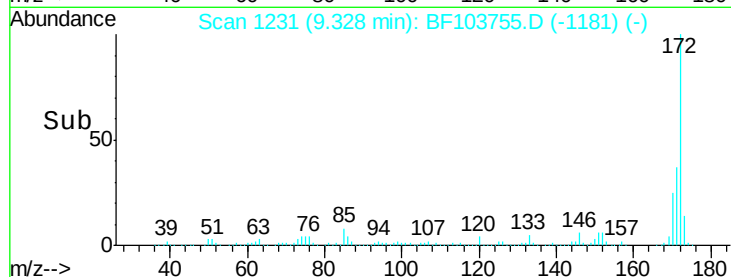
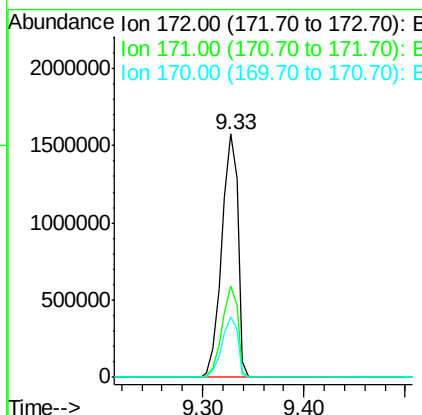
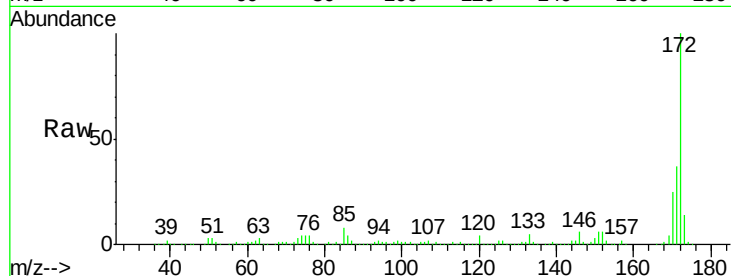




#44
2-Fluorobiphenyl
Concen: 87.360 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

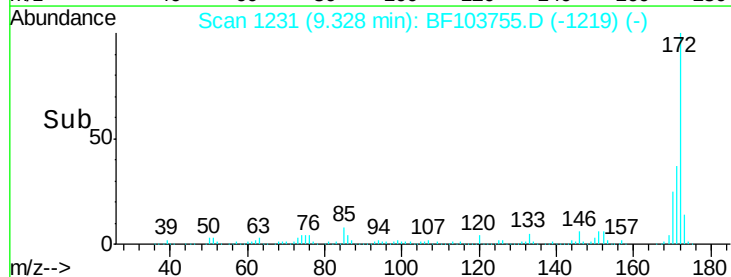
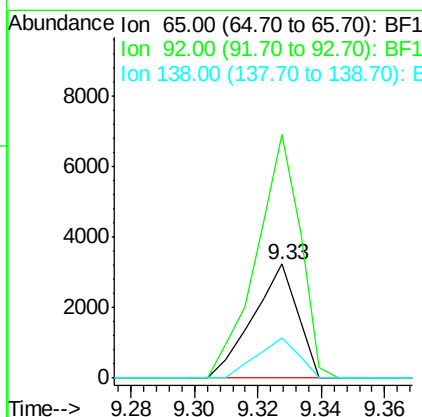
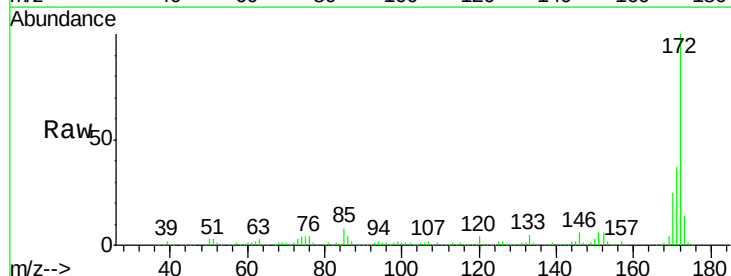
Instrument :
BNA_F
ClientSampleId :

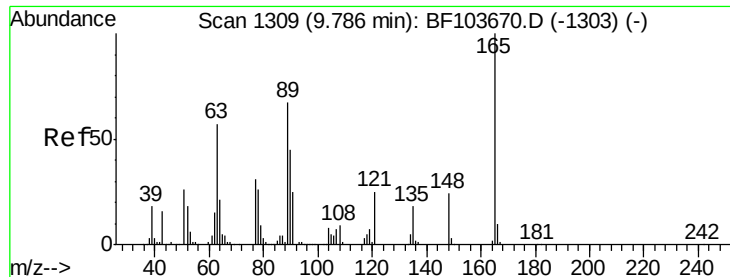
Tot Ion:172 Resp: 1738923
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.9 19.6 29.4



#47
2-Nitroaniline
Concen: 7.306 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion: 65 Resp: 3154
Ion Ratio Lower Upper
65 100
92 213.8 55.8 83.6#
138 35.1 91.2 136.8#

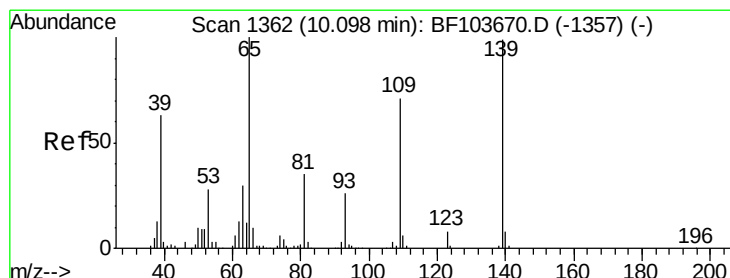
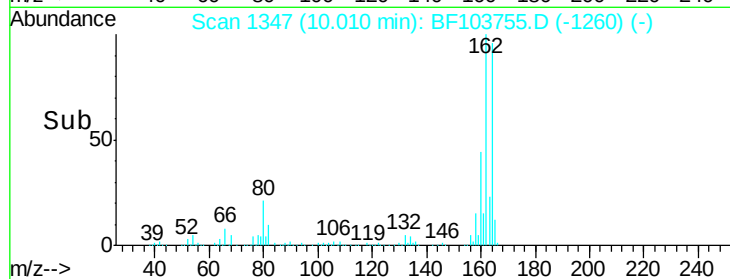
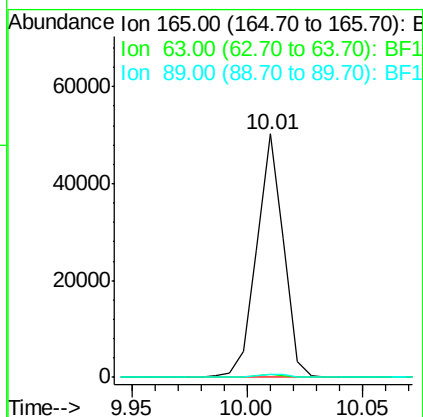
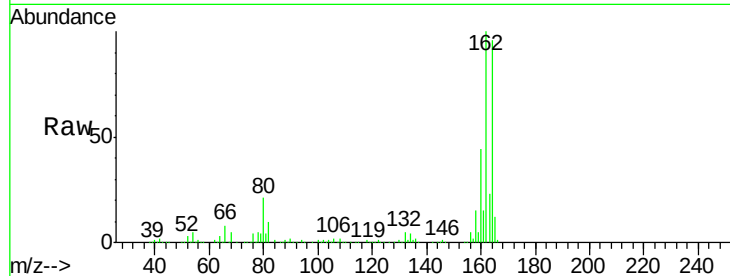




#50
2,6-Dinitrotoluene
Concen: 11.962 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

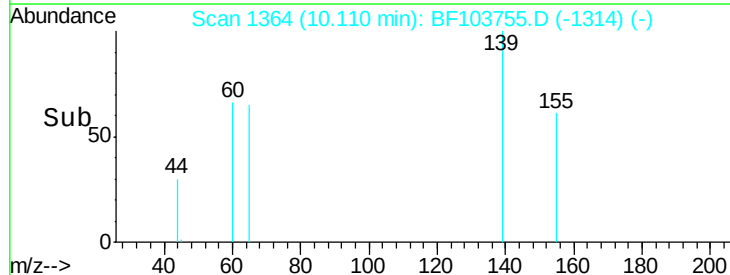
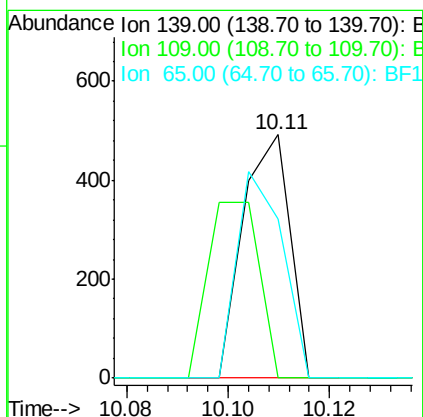
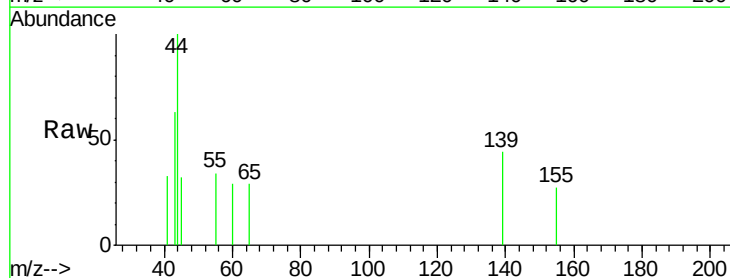
Instrument :
BNA_F
ClientSampleId :

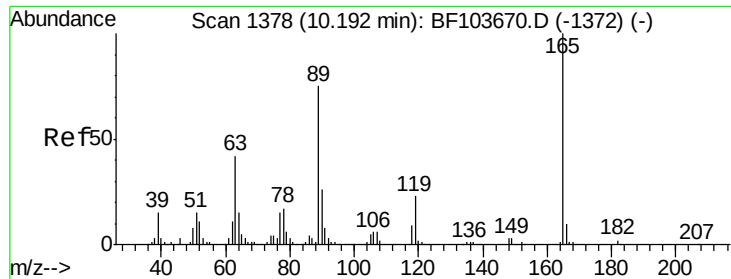
Tot Ion:165 Resp: 40771
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 44.0 66.0#



#55
4-Nitrophenol
Concen: 5.036 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103755.D
Acq: 19 Mar 2018 14:23

Tgt Ion:139 Resp: 315
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 65.2 72.6 112.6#

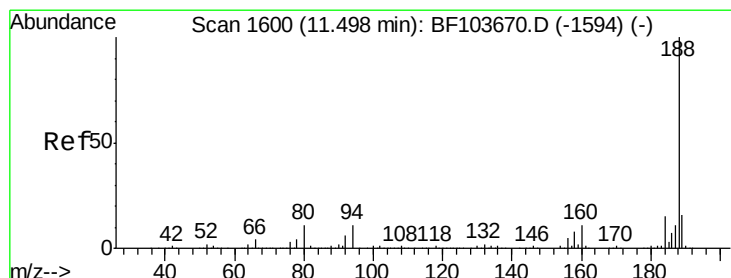
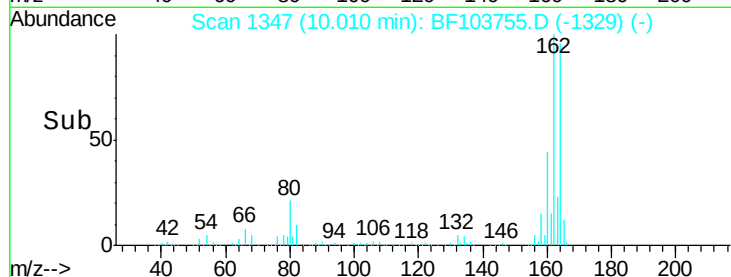
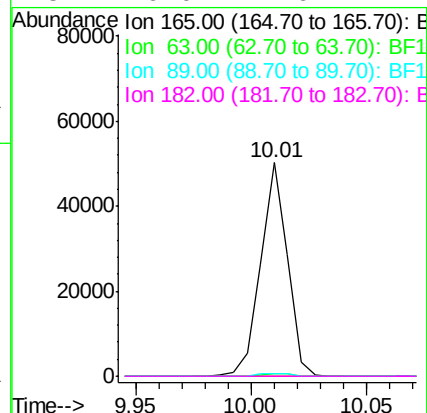
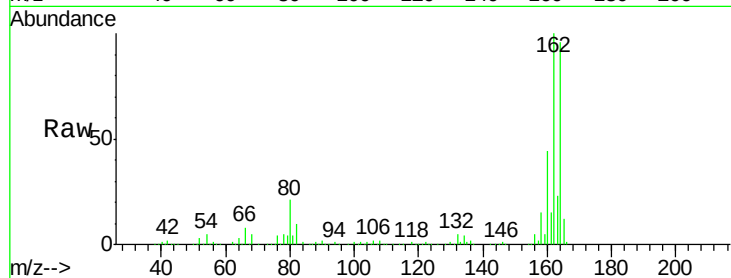




#56
 2,4-Dinitrotoluene
 Concen: 12.192 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

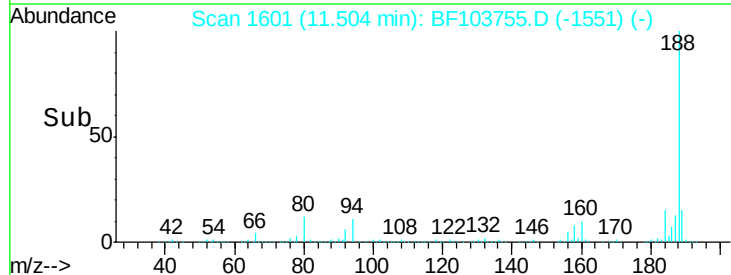
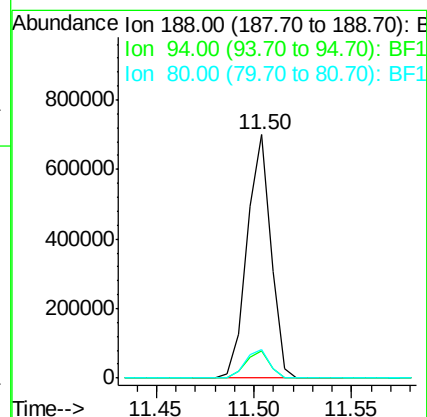
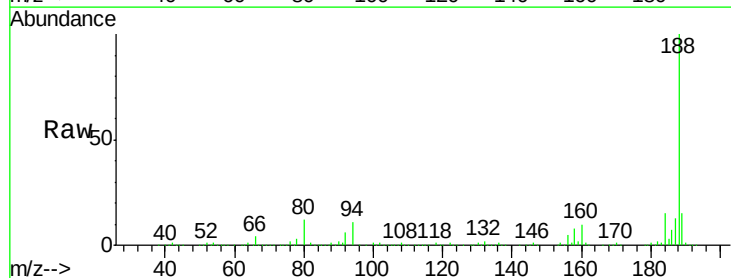
Instrument :
 BNA_F
 ClientSampleId :

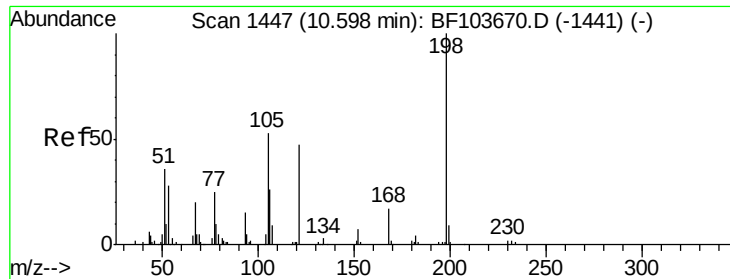
Tot Ion:165 Resp: 40771
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Tgt Ion:188 Resp: 589583
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.5 9.2 13.8

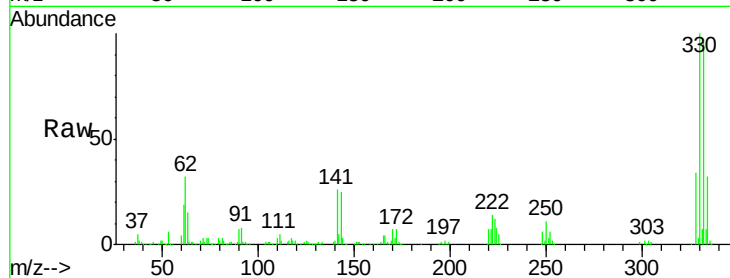




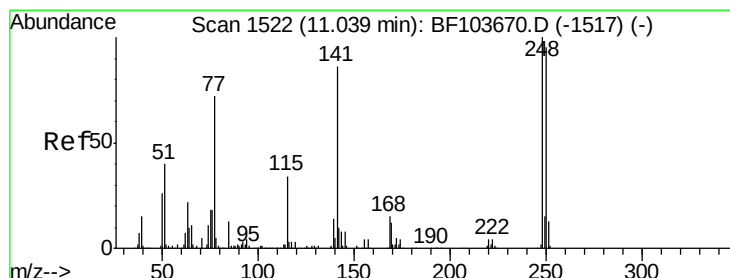
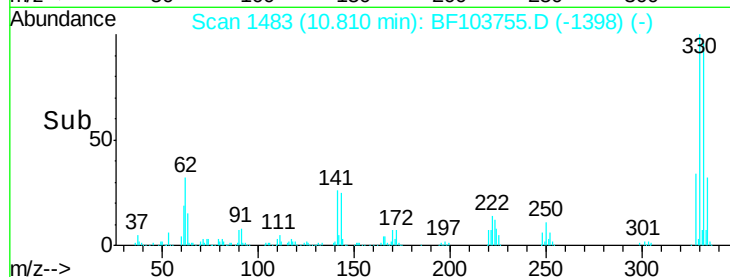
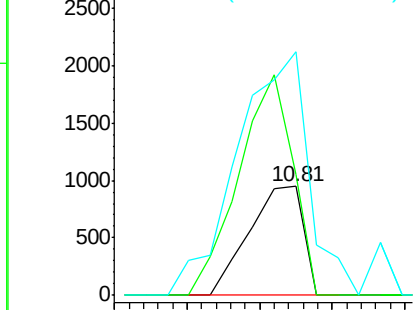
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.617 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.20 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 984
 Ion Ratio Lower Upper
 198 100
 51 110.5 37.7 77.7#
 105 223.2 36.3 76.3#

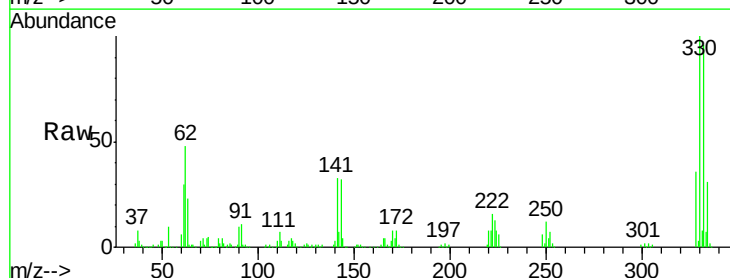


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

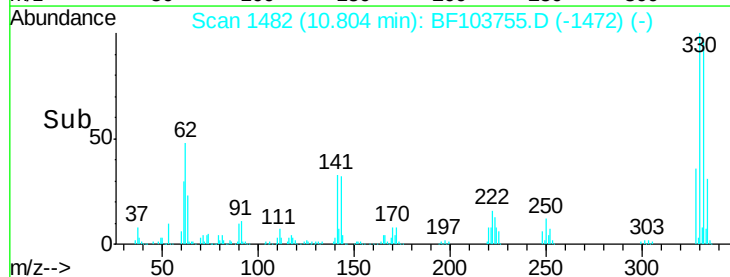
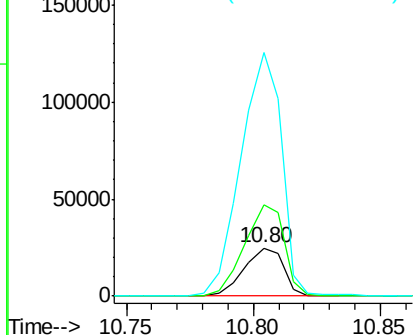


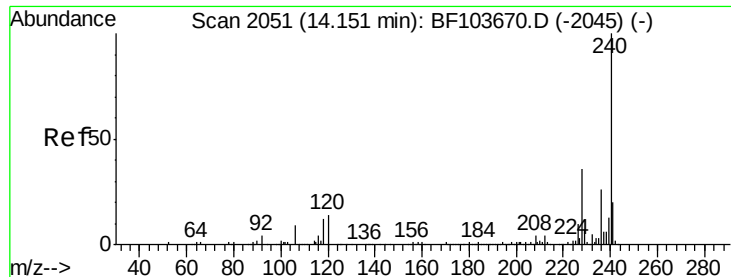
#66
 4-Bromophenyl-phenylether
 Concen: 4.446 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Tgt Ion:248 Resp: 26915
 Ion Ratio Lower Upper
 248 100
 250 189.4 76.9 115.3#
 141 507.6 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# 2052

Delta R.T. -0.01 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

Instrument :

BNA_F

ClientSampleId :

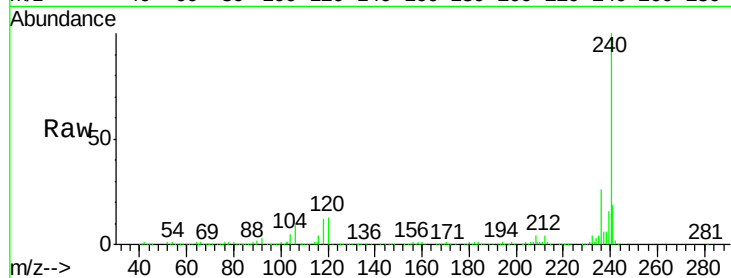
Tot Ion:240 Resp: 511762

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

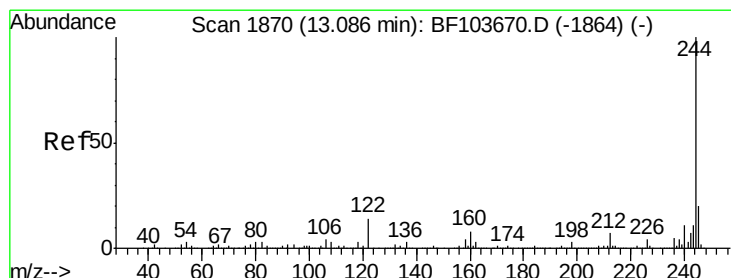
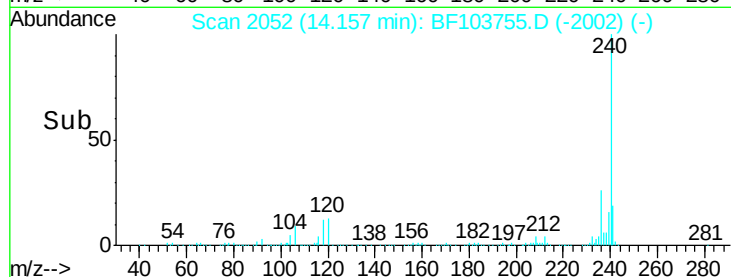
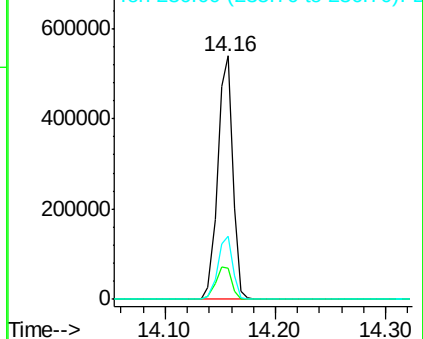
236 26.1 20.7 31.1



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: 84.372 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103755.D

Acq: 19 Mar 2018 14:23

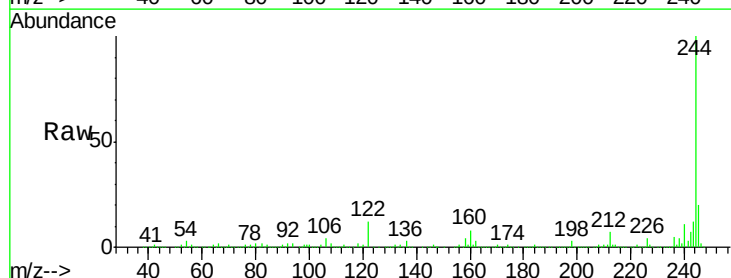
Tgt Ion:244 Resp: 1860213

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

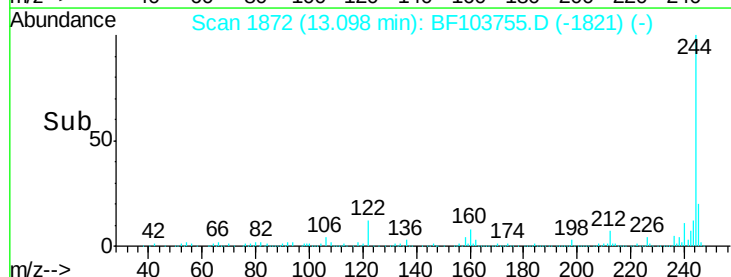
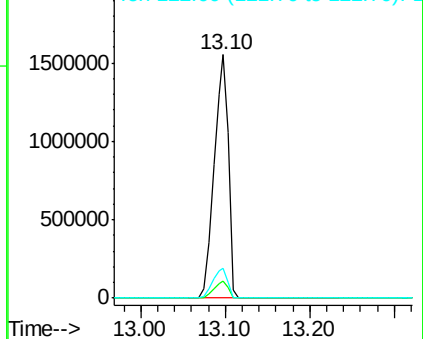
122 12.0 11.0 16.4

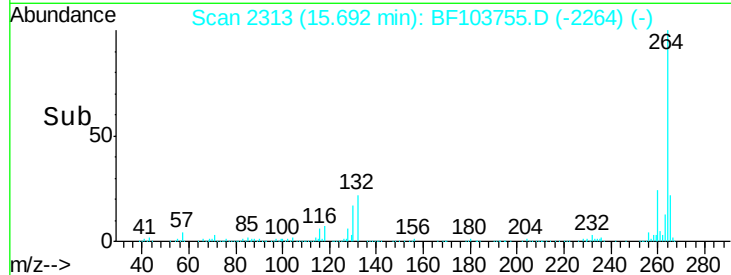
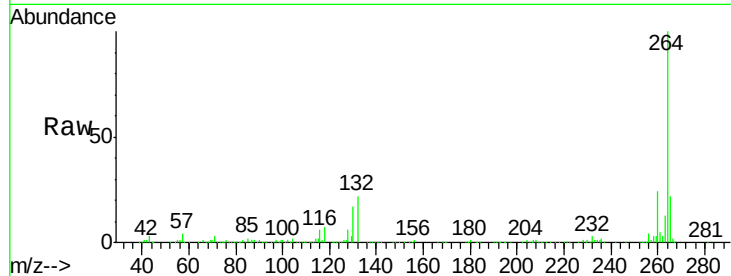
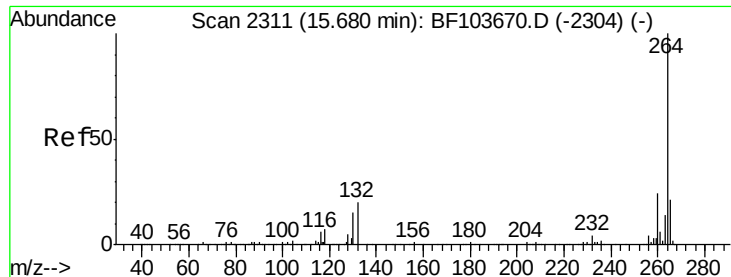


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103755.D
 Acq: 19 Mar 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	419968
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

