

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103771.D
 Acq On : 19 Mar 2018 22:18
 Operator : JU/SJ
 Sample : J1971-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

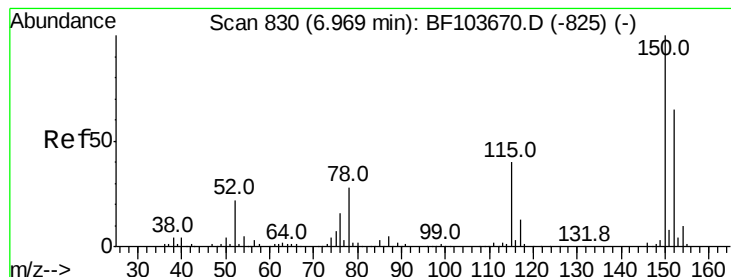
Quant Time: Mar 20 00:58:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156799	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	615589	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	260063	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	406343	20.00	ng	0.00
75) Chrysene-d12	14.16	240	312513	20.00	ng	0.00
86) Perylene-d12	15.69	264	253306	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1287879	124.93	ng	0.02
7) Phenol-d6	6.60	99	1593088	126.31	ng	0.01
23) Nitrobenzene-d5	7.54	82	972245	110.14	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	317965	142.20	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1422256	87.24	ng	0.00
78) Terphenyl-d14	13.10	244	1142231	84.84	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	41972	3.132	ng	92
19) n-Nitroso-di-n-propylamine	7.54	70	127469	15.770	ng	# 71
25) Isophorone	7.54	82	972222	47.576	ng	# 64
47) 2-Nitroaniline	9.72	65	1650	7.128	ng	# 1
49) Dimethylphthalate	9.72	163	180809	9.113	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1857	4.427	ng	# 22
55) 4-Nitrophenol	10.22	139	355	5.061	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	32150	11.969	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	657	8.601	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19204	4.603	ng	# 1

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

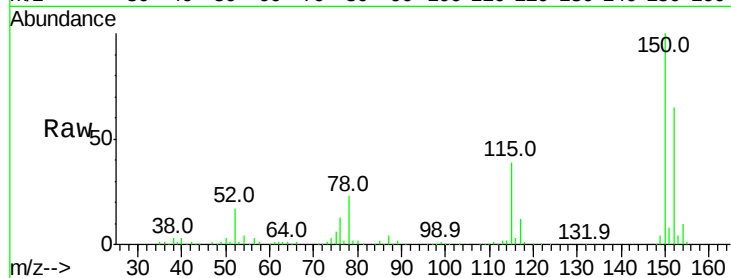


#1

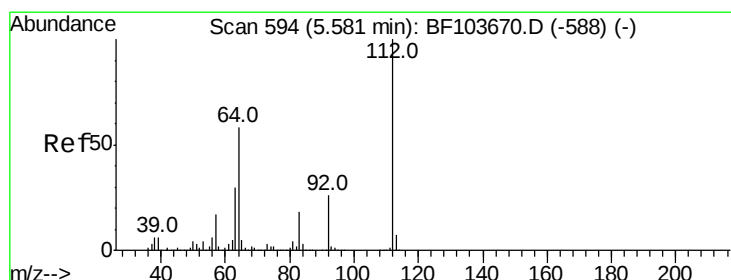
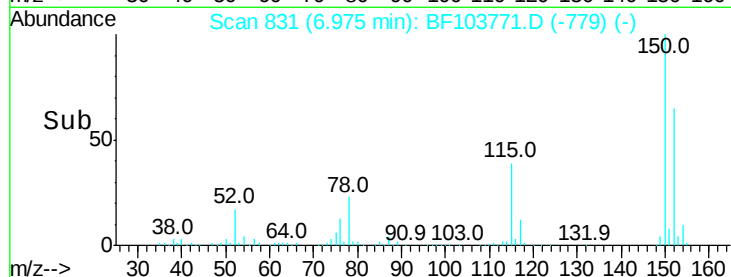
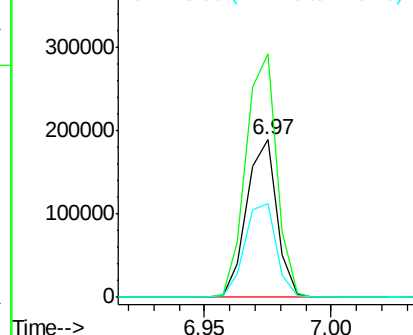
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156799
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 59.8 50.1 75.1



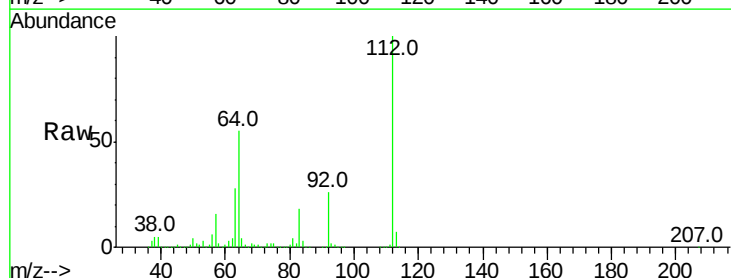
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



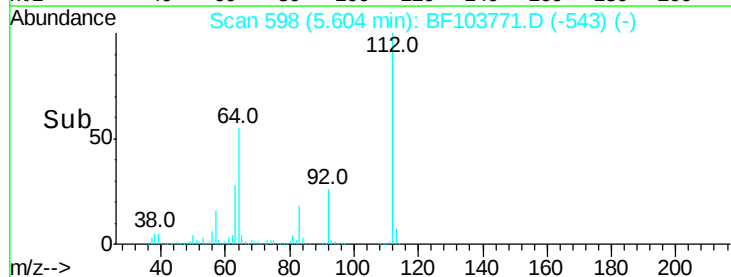
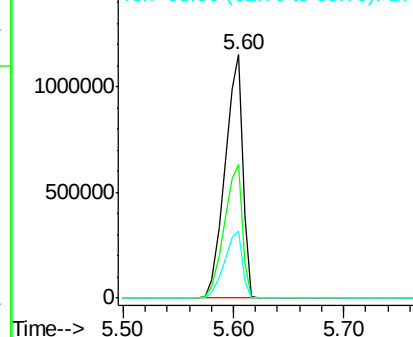
#5

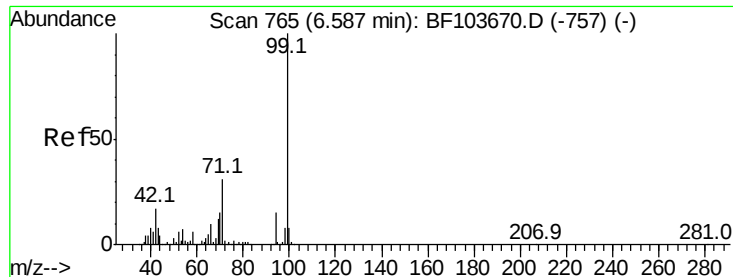
2-Fluorophenol
Concen: 124.928 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:112 Resp: 1287879
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.6 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: 126.312 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

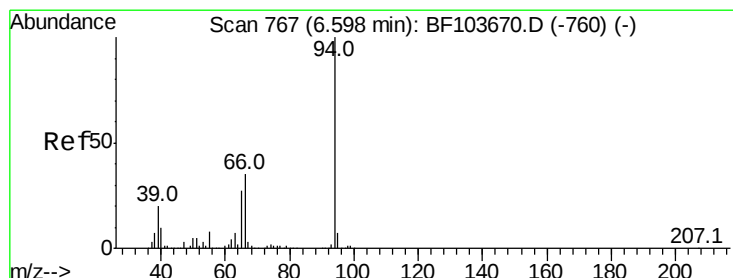
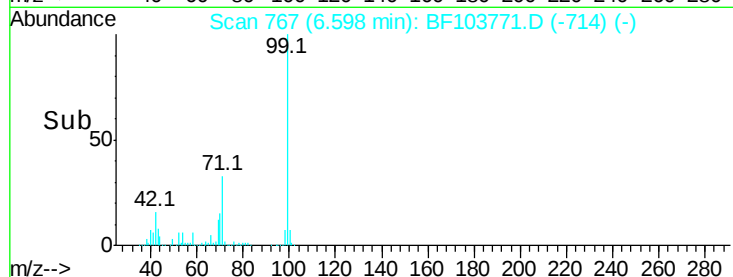
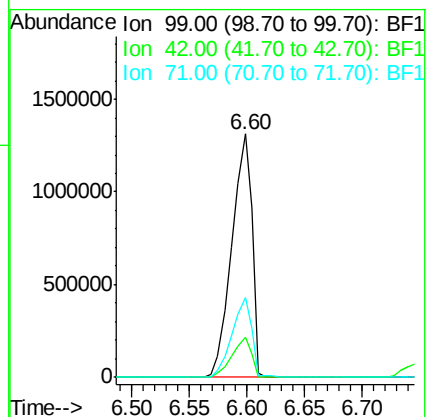
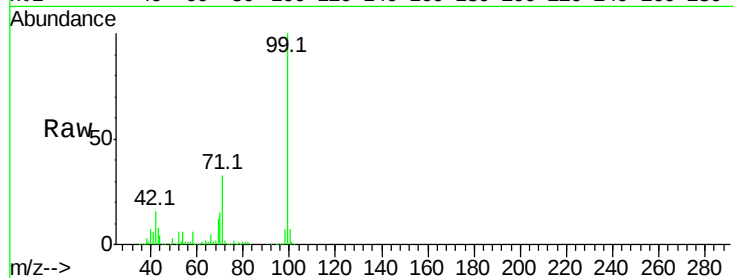
Tot Ion: 99 Resp: 1593088

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 3.132 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

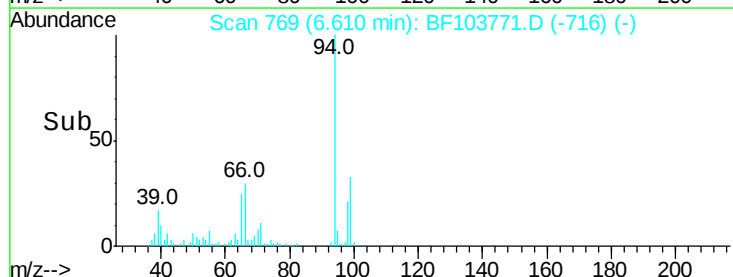
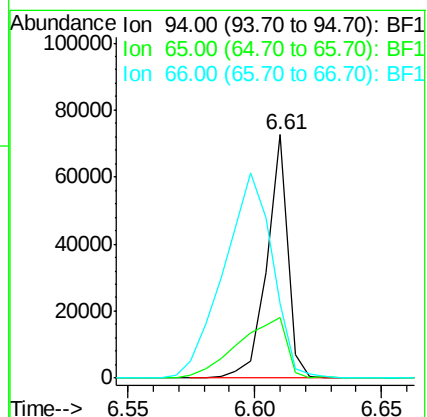
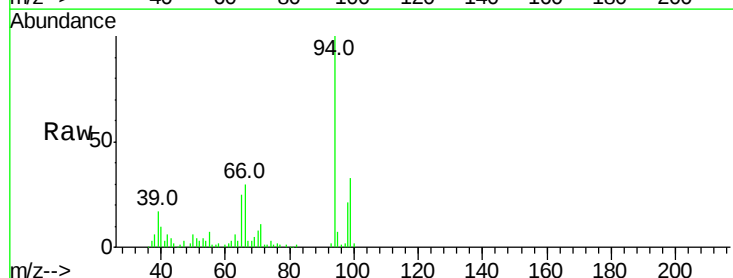
Tgt Ion: 94 Resp: 41972

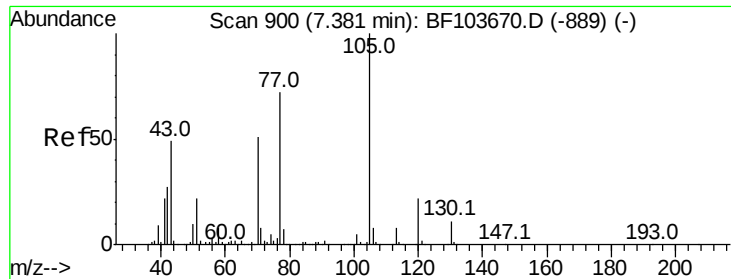
Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

66 30.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.770 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.16 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 127469

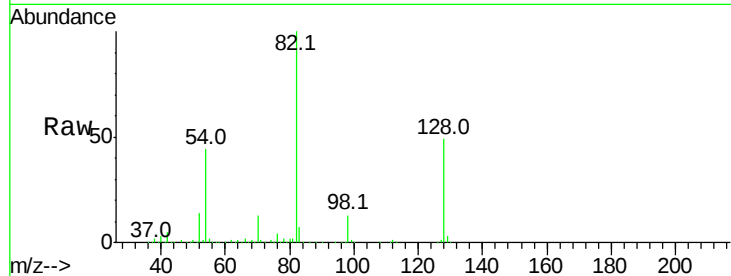
Ion Ratio Lower Upper

70 100

42 40.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

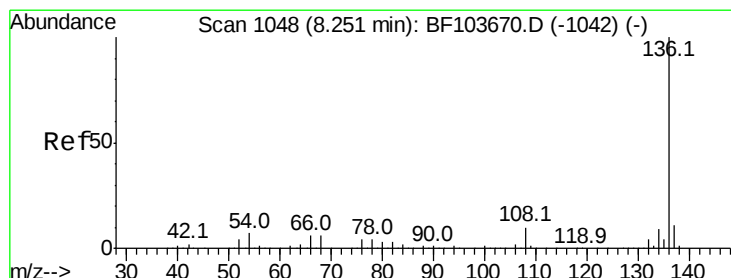
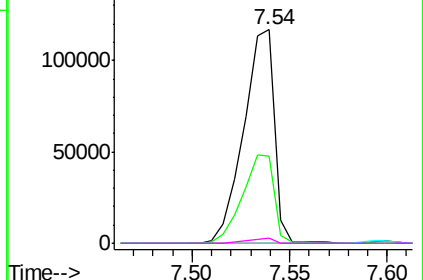
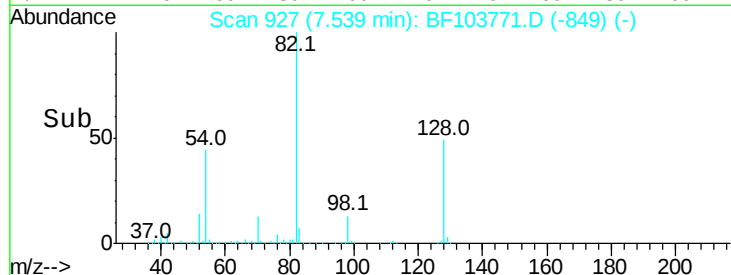


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Tgt Ion:136 Resp: 615589

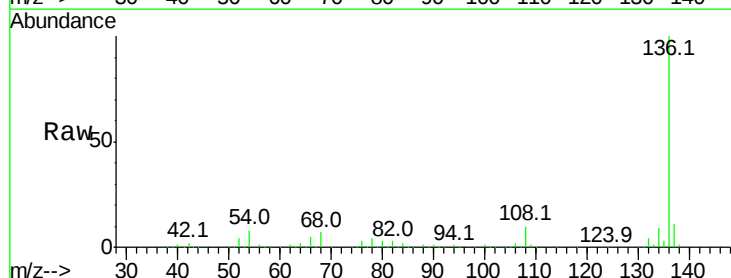
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.6 5.0 7.4

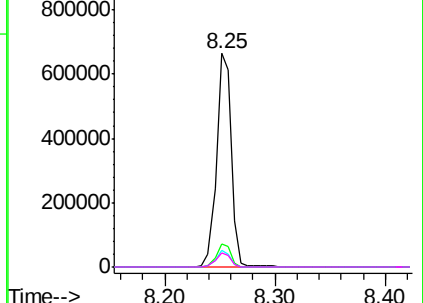
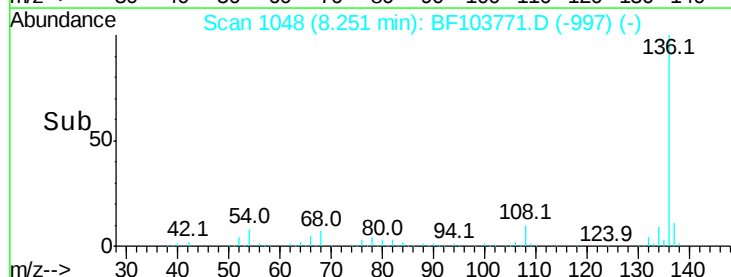


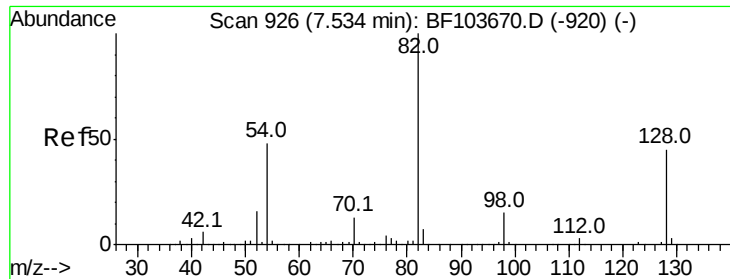
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

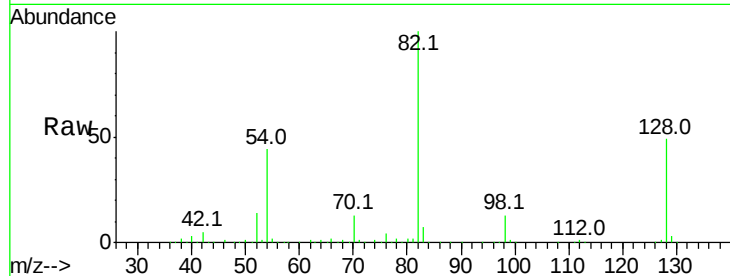




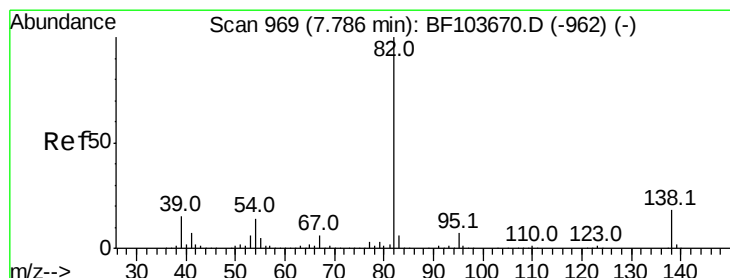
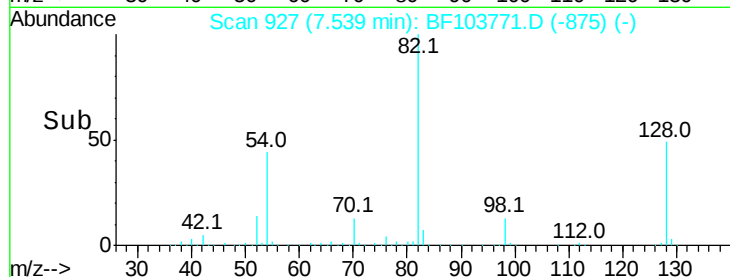
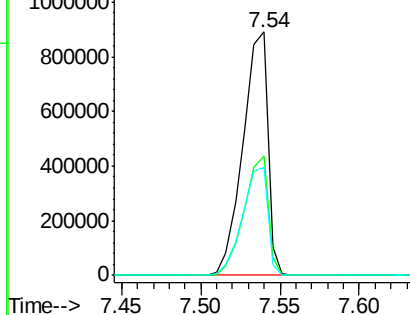
#23
 Nitrobenzene-d5
 Concen: 110.139 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 972245
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 44.2 41.4 62.2

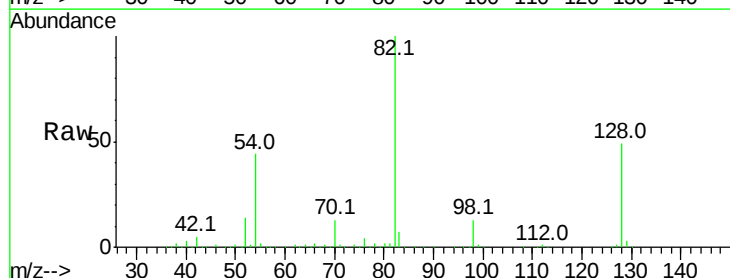


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

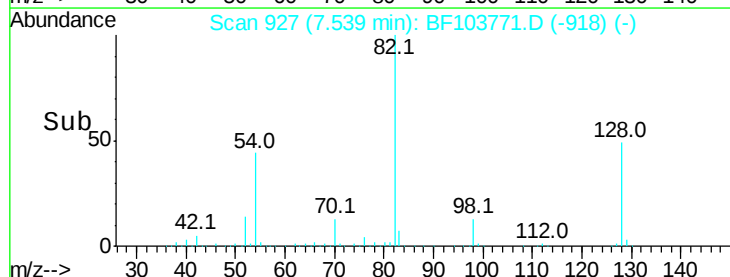
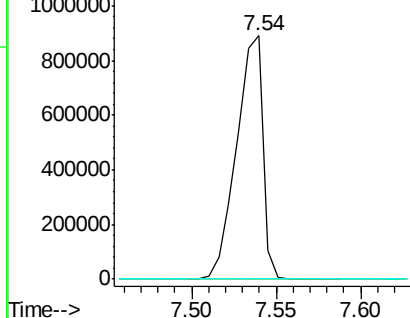


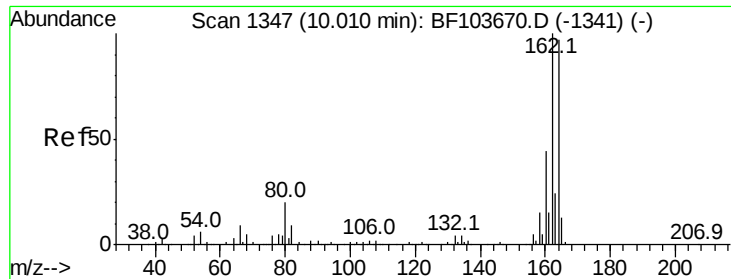
#25
 Isophorone
 Concen: 47.576 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.25 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Tgt Ion: 82 Resp: 972222
 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

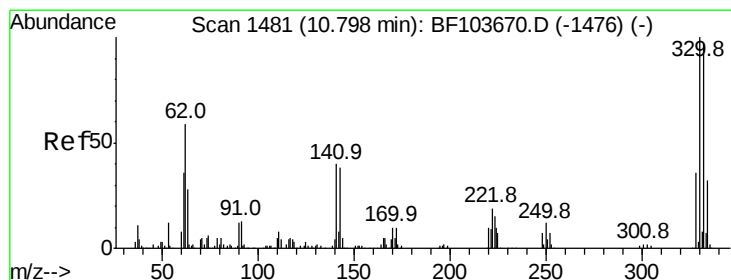
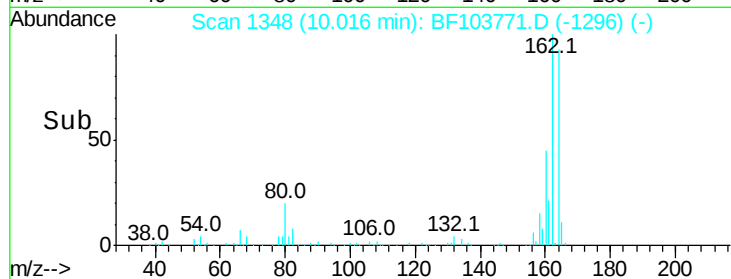
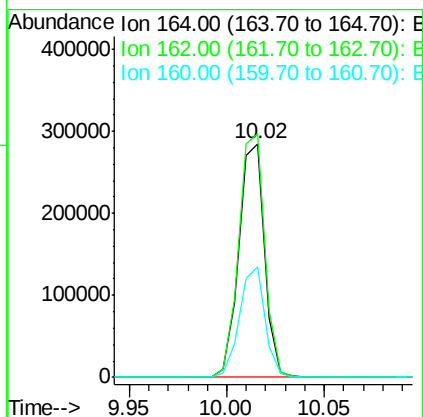
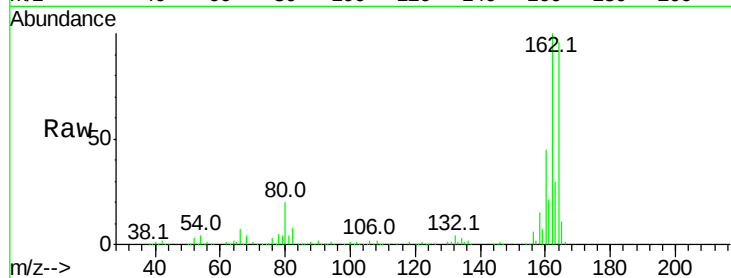




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

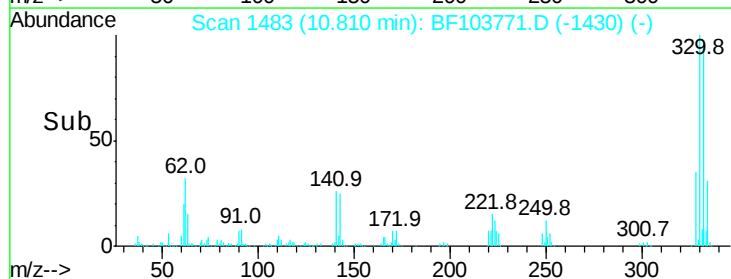
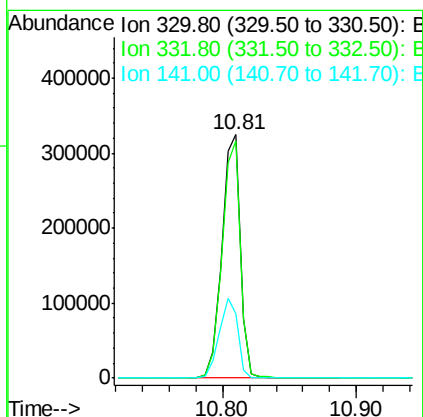
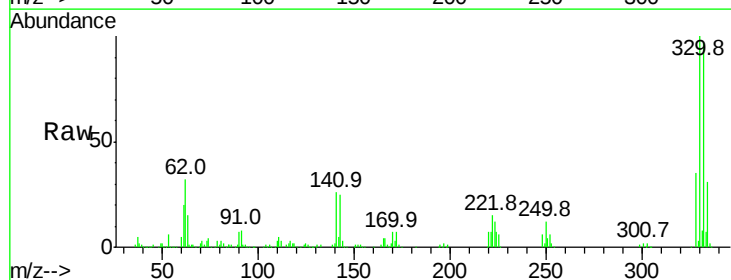
Instrument :
 BNA_F
 ClientSampleId :

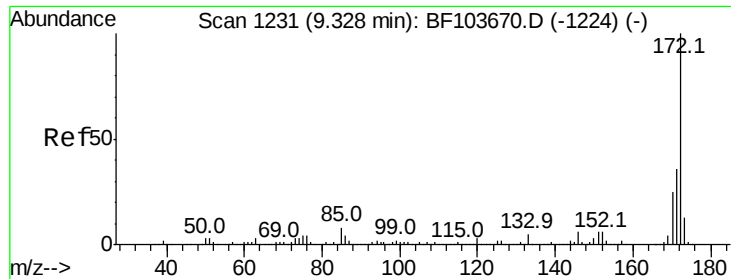
Tot Ion:164 Resp: 260063
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 142.200 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Tgt Ion:330 Resp: 317965
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.1 29.9 44.9



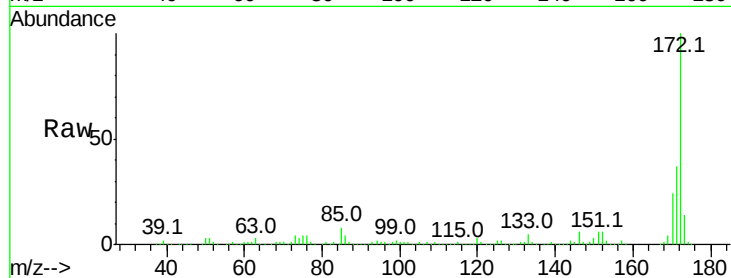


#44
 2-Fluorobiphenyl
 Concen: 87.237 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

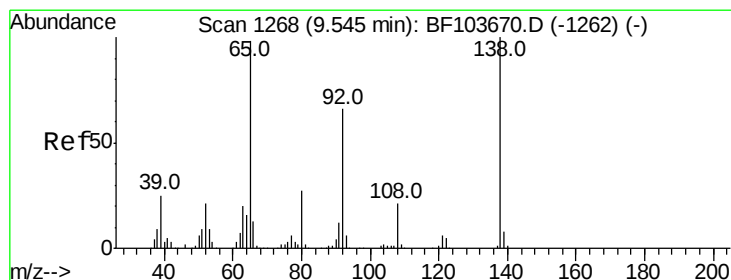
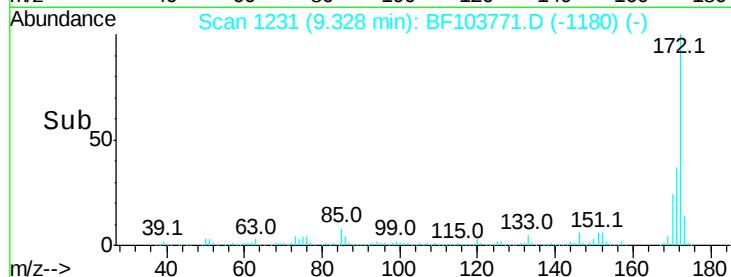
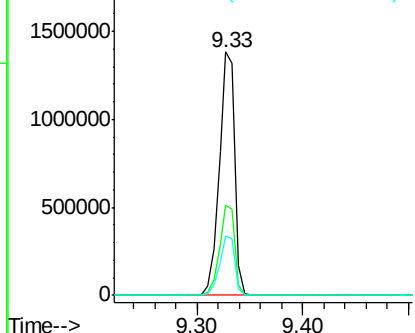
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1422256

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4



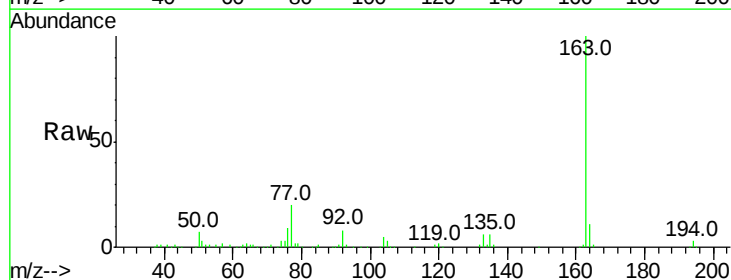
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



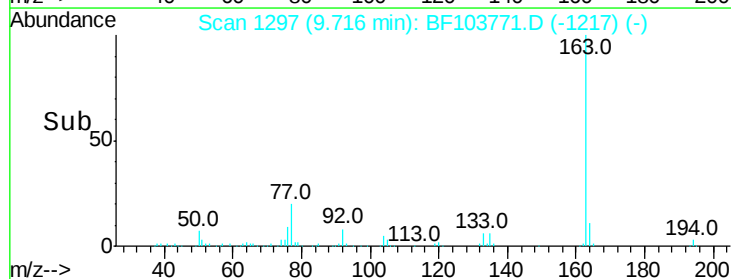
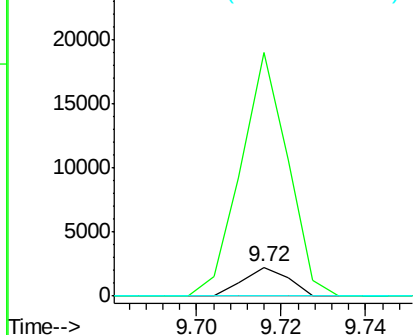
#47
 2-Nitroaniline
 Concen: 7.128 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.17 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

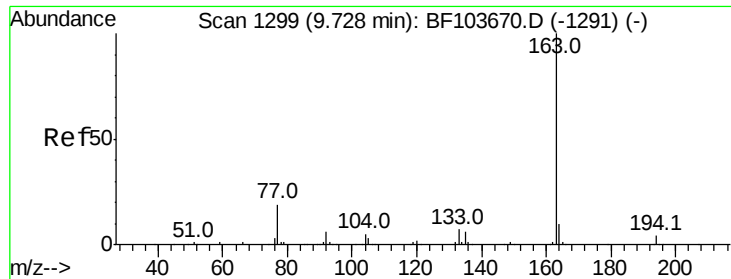
Tgt Ion: 65 Resp: 1650

Ion	Ratio	Lower	Upper
65	100		
92	844.9	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

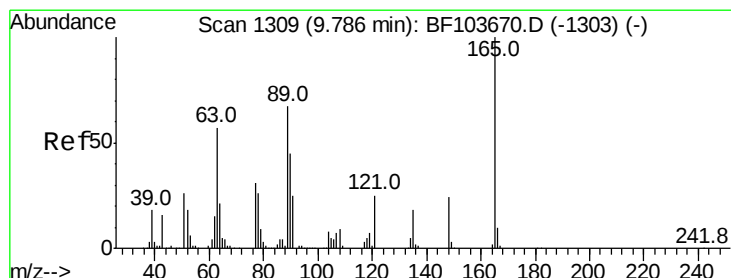
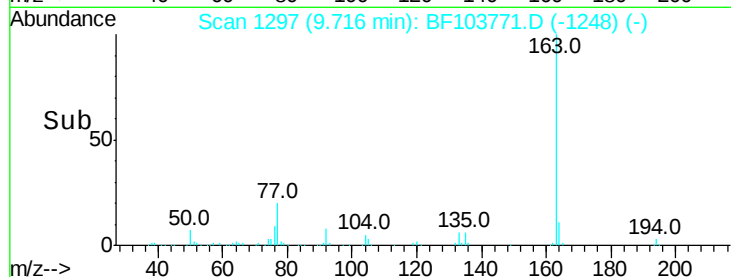
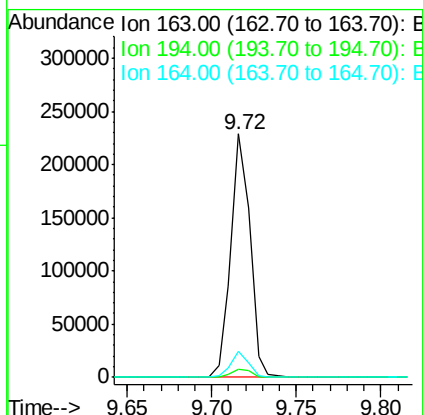
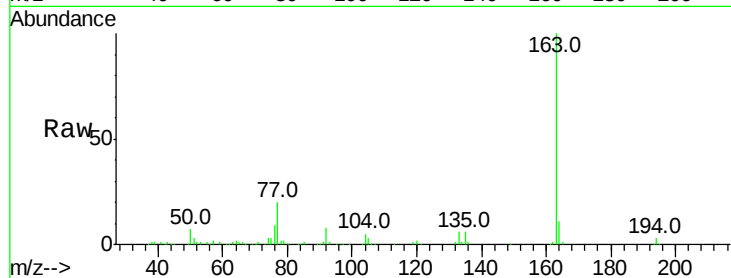




#49
Dimethylphthalate
Concen: 9.113 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

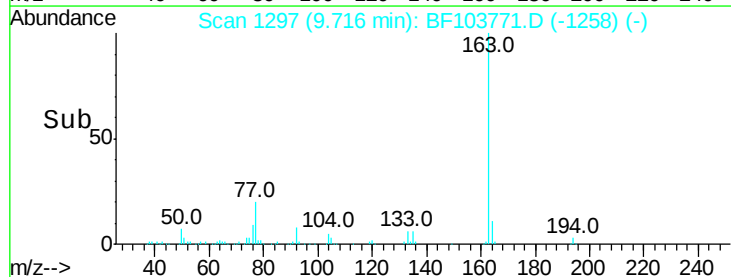
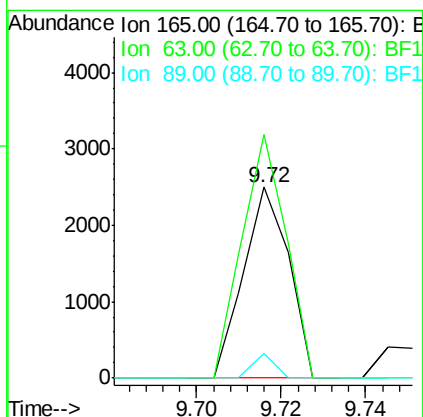
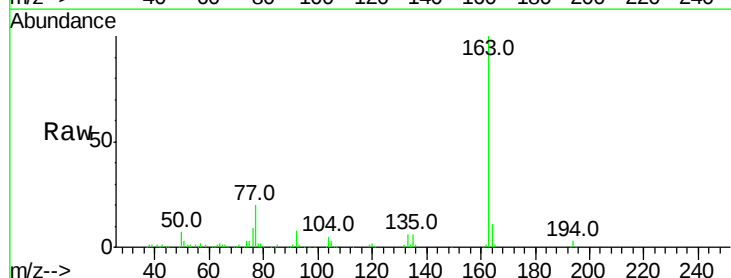
Instrument :
BNA_F
ClientSampleId :

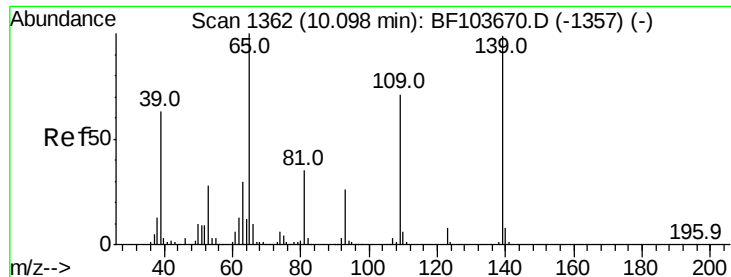
Tot Ion:163 Resp: 180809
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 4.427 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:165 Resp: 1857
Ion Ratio Lower Upper
165 100
63 127.4 44.7 67.1#
89 12.8 44.0 66.0#





#55

4-Nitrophenol

Concen: 5.061 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.12 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Instrument :

BNA_F

ClientSampleId :

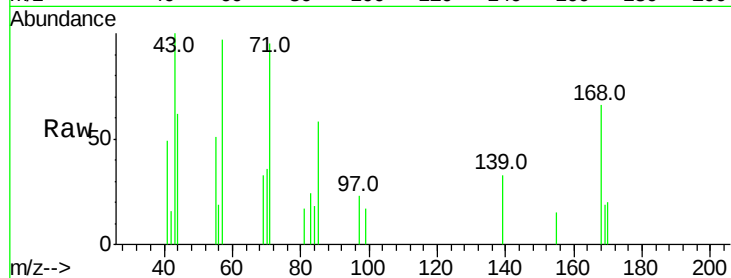
Tot Ion:139 Resp: 355

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 0.0 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

800

600

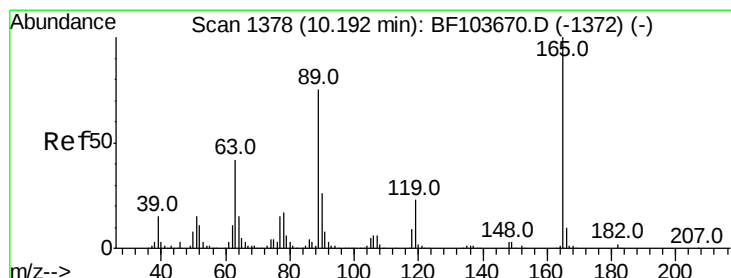
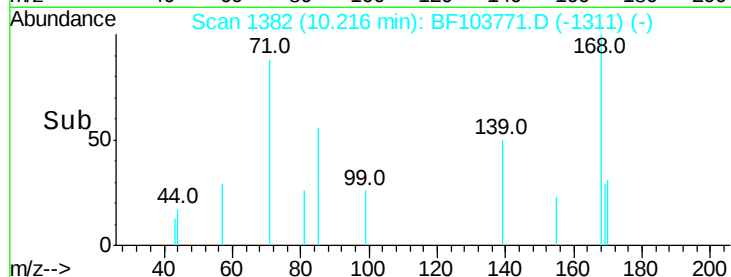
400

200

0

10.20 10.22 10.24

Time-->



#56

2,4-Dinitrotoluene

Concen: 11.969 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF103771.D

Acq: 19 Mar 2018 22:18

Tgt Ion:165 Resp: 32150

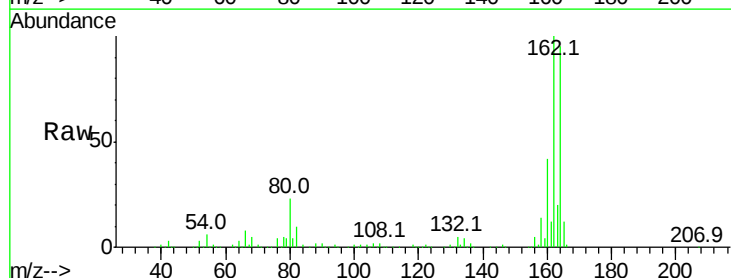
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 0.0 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

50000

40000

30000

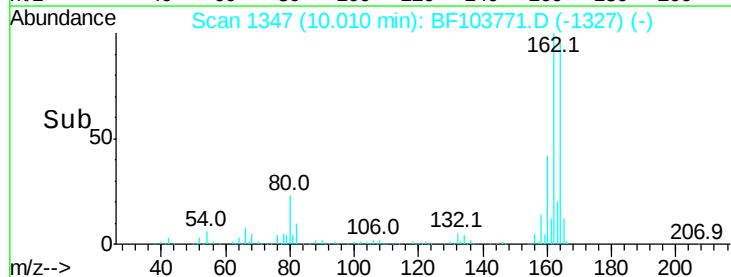
20000

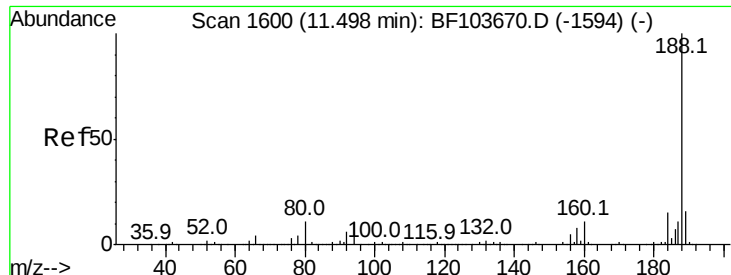
10000

0

10.00 10.05

Time-->

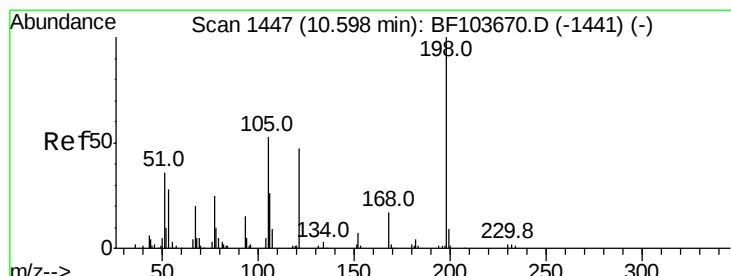
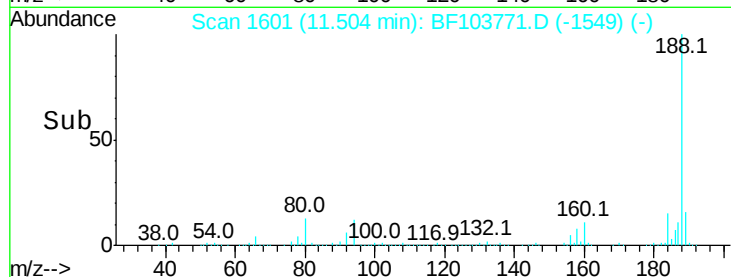
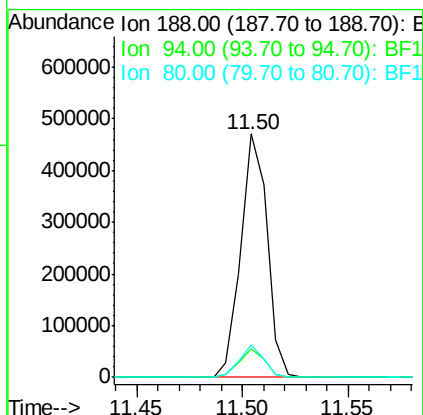
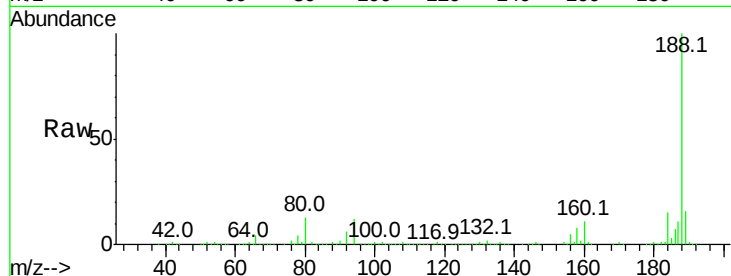




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

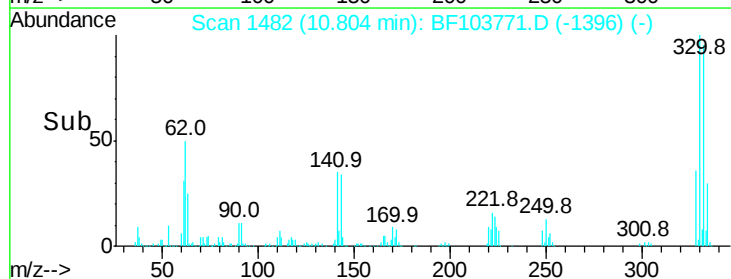
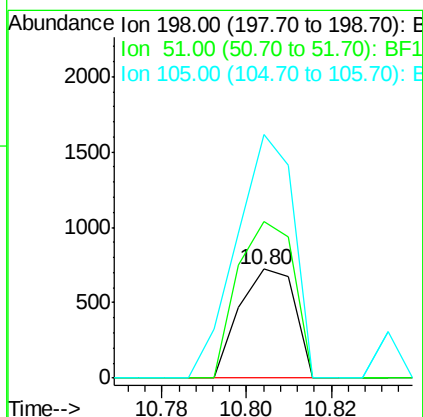
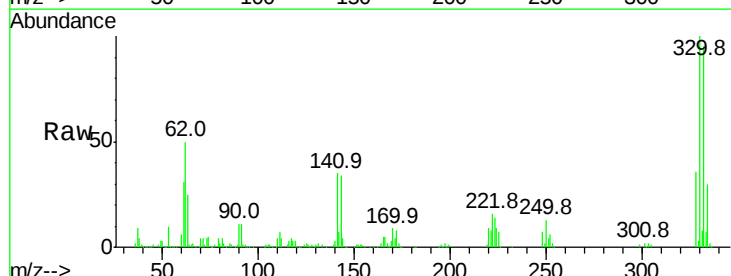
Instrument :
 BNA_F
 ClientSampleId :

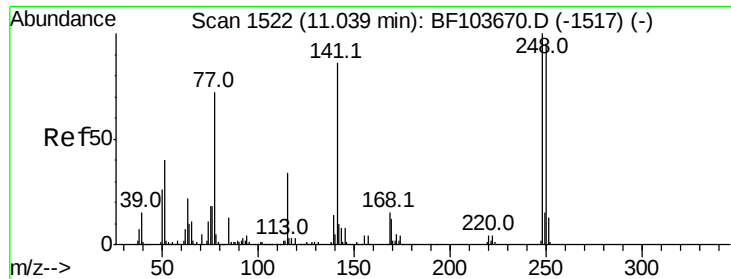
Tot Ion:188 Resp: 406343
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 13.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.601 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.21 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Tgt Ion:198 Resp: 657
 Ion Ratio Lower Upper
 198 100
 51 143.8 37.7 77.7#
 105 223.7 36.3 76.3#

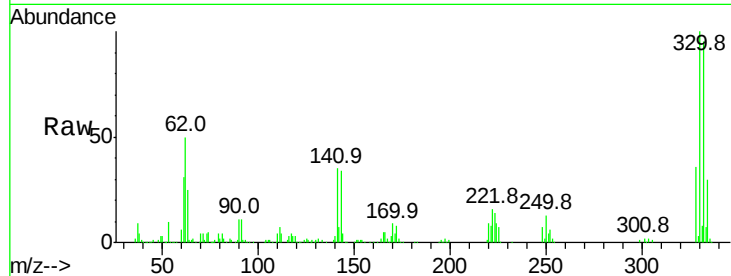




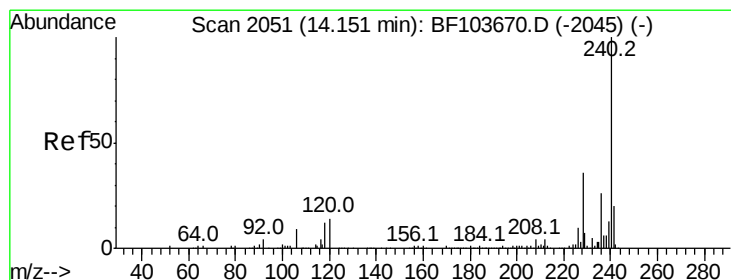
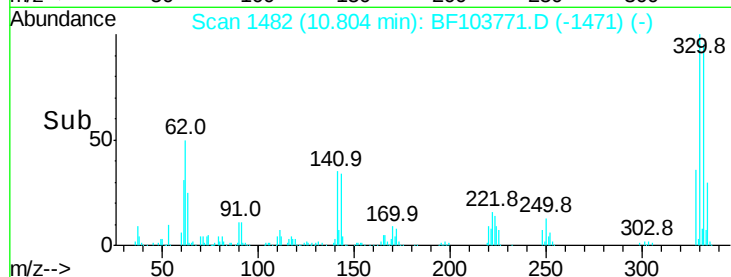
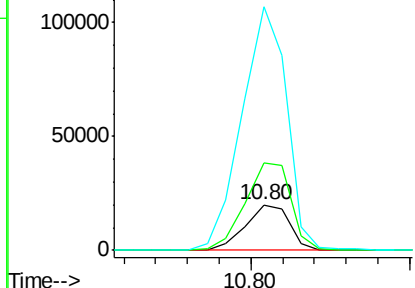
#66
4-Bromophenyl-phenylether
Concen: 4.603 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19204
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 538.2 74.4 111.6#

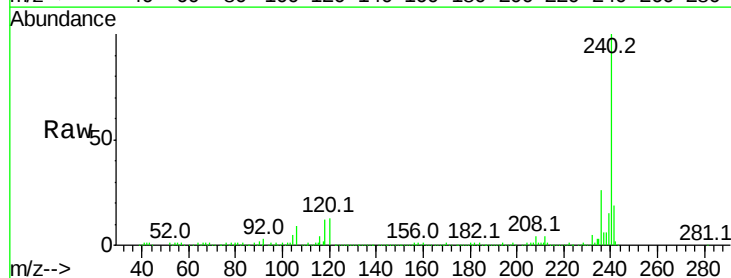


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

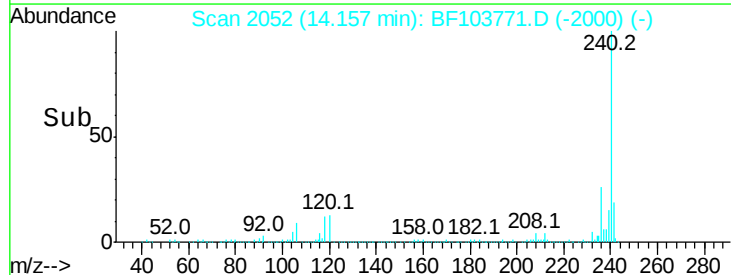
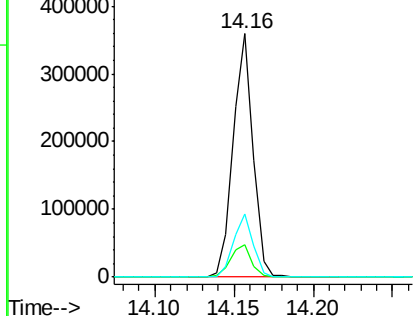


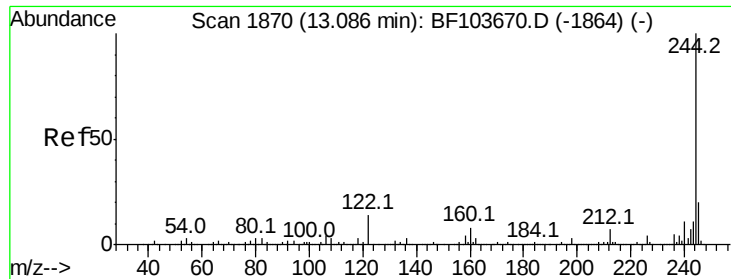
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103771.D
Acq: 19 Mar 2018 22:18

Tgt Ion:240 Resp: 312513
Ion Ratio Lower Upper
240 100
120 13.3 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

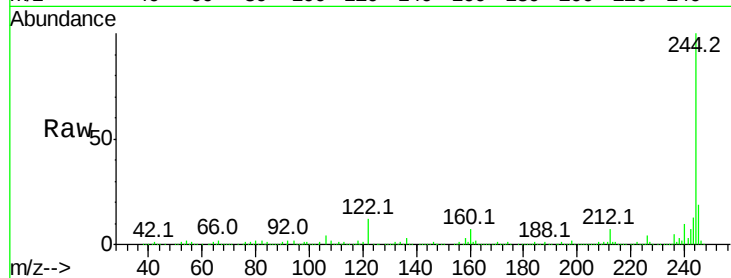




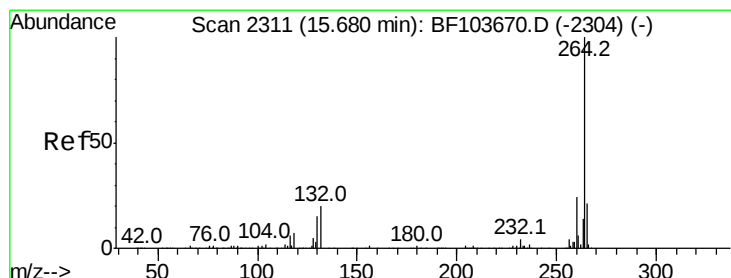
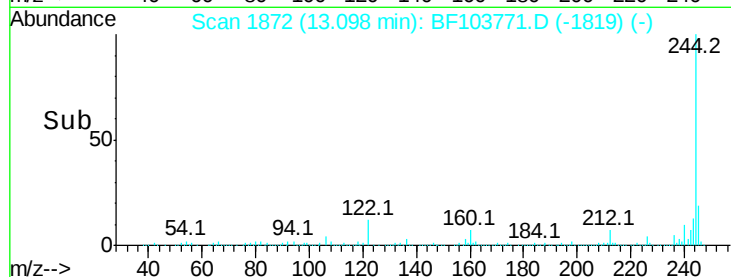
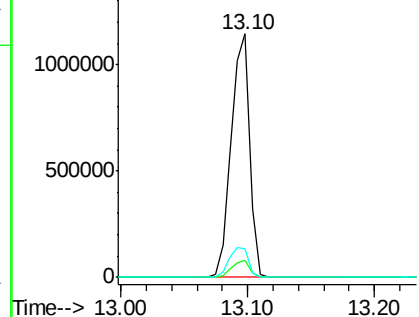
#78
 Terphenyl-d14
 Concen: 84.838 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1142231
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.0 11.0 16.4

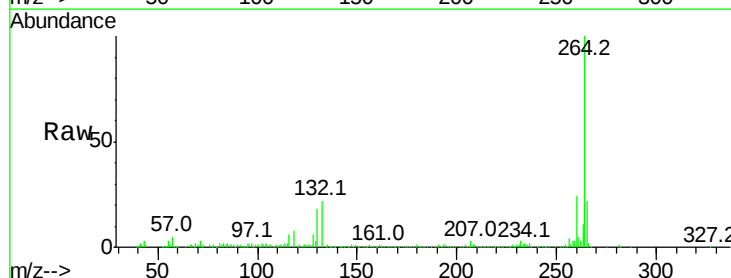


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103771.D
 Acq: 19 Mar 2018 22:18

Tgt Ion:264 Resp: 253306
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.0 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

