

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103828.D
 Acq On : 21 Mar 2018 3:51
 Operator : JU/SJ
 Sample : PB107522BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 04:46:00 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

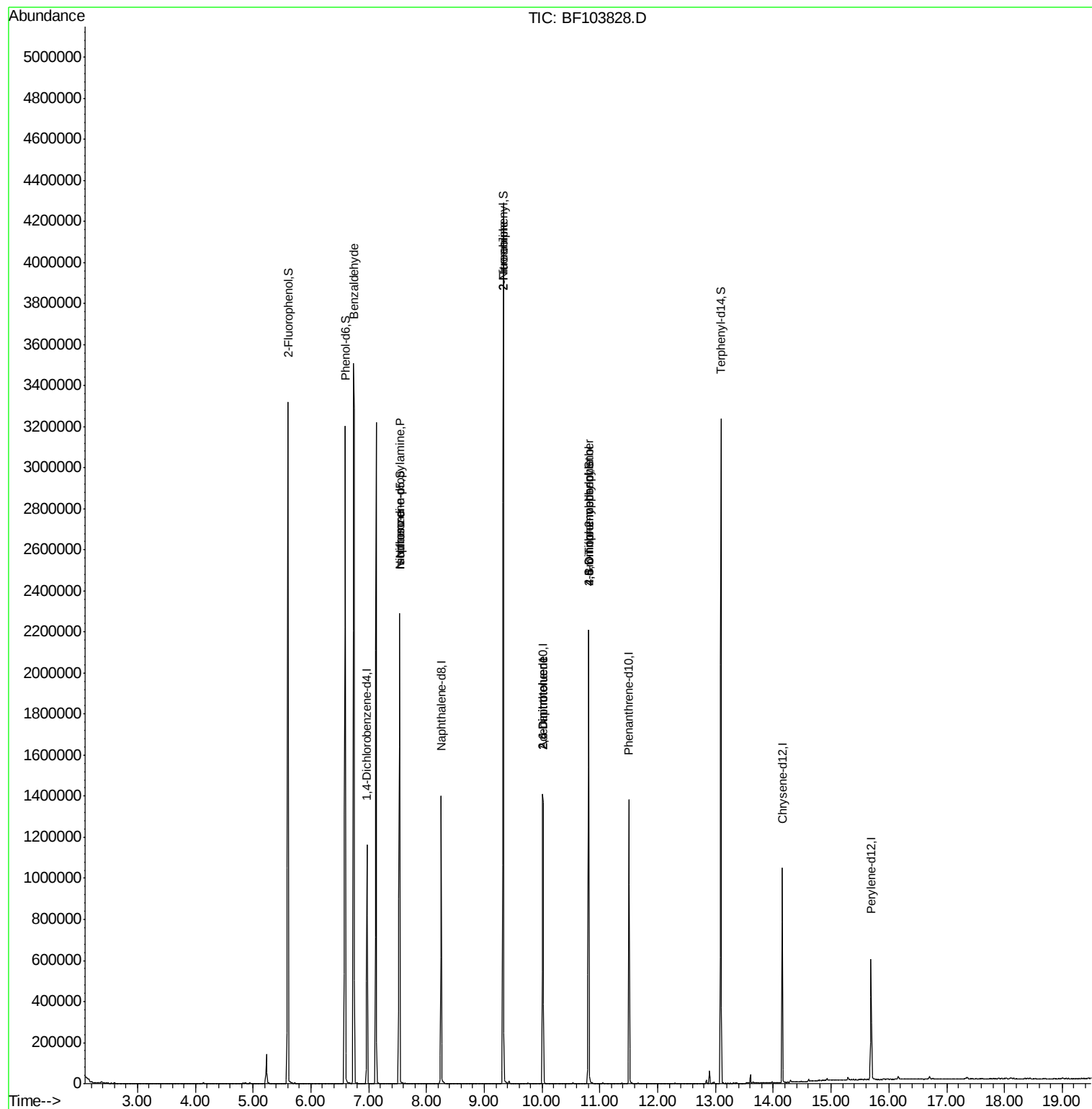
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166506	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	639892	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	293734	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	467396	20.00	ng	0.00
75) Chrysene-d12	14.16	240	325020	20.00	ng	0.00
86) Perylene-d12	15.69	264	273891	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1160343	105.99	ng	0.02
7) Phenol-d6	6.59	99	1394021	104.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	839596	91.50	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	284898	112.81	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1461678	79.38	ng	0.00
78) Terphenyl-d14	13.09	244	1151092	82.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	23698	2.693	ng	81
19) n-Nitroso-di-n-propylamine	7.53	70	108332	12.621	ng	# 71
25) Isophorone	7.53	82	839584	39.525	ng	# 64
47) 2-Nitroaniline	9.33	65	2396	7.218	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	37039	11.818	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	37039	12.084	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	605	8.504	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	17444	3.635	ng	# 1

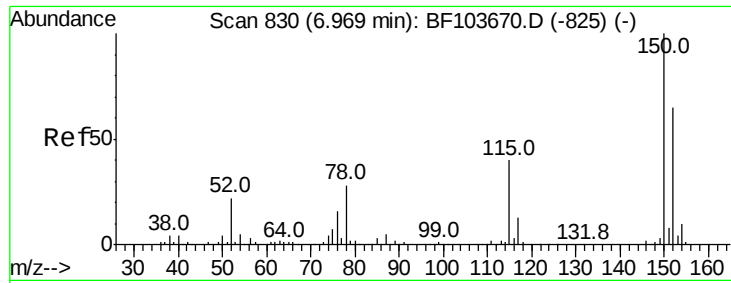
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103828.D
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Quant Time: Mar 21 04:46:00 2018
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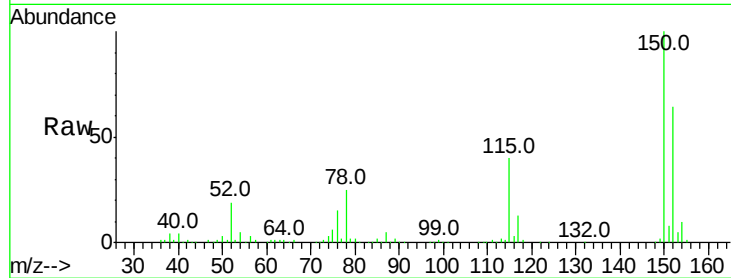


#1

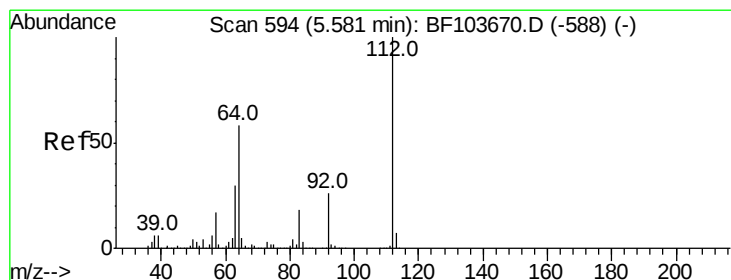
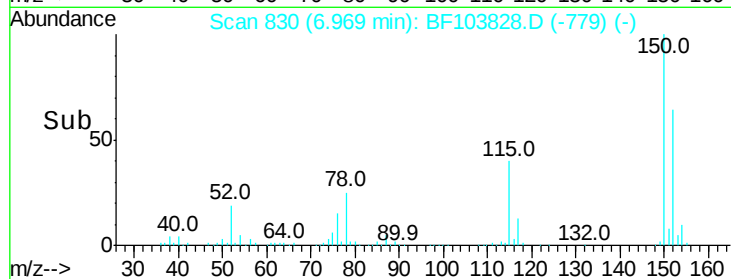
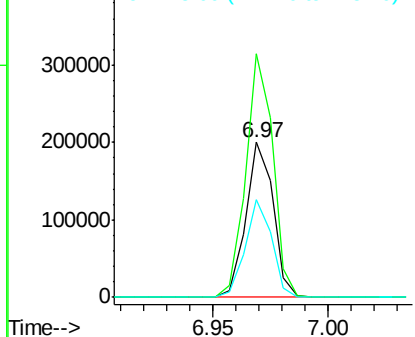
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166506
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.7 50.1 75.1



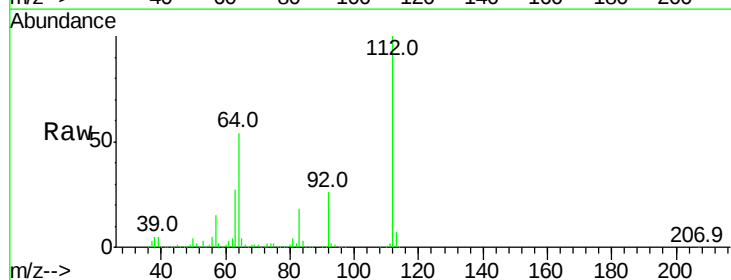
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



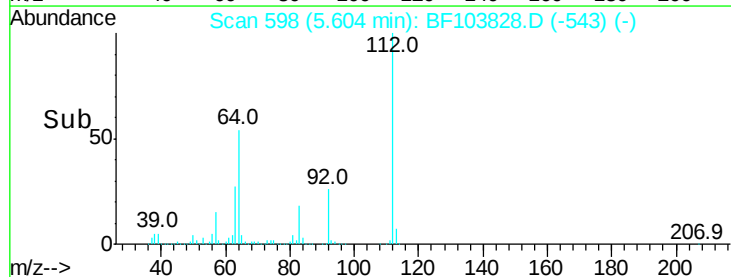
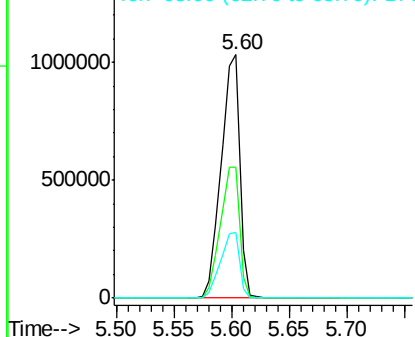
#5

2-Fluorophenol
Concen: 105.995 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Tgt Ion:112 Resp: 1160343
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.0 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: 104.085 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

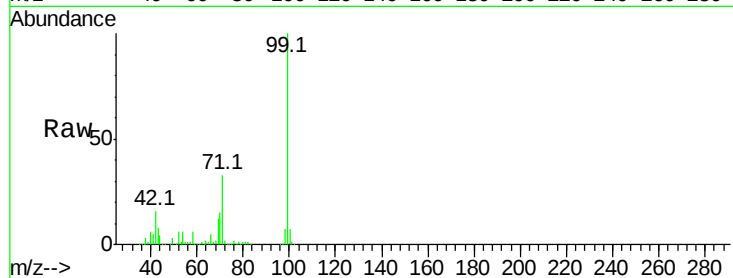
Tot Ion: 99 Resp: 1394021

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

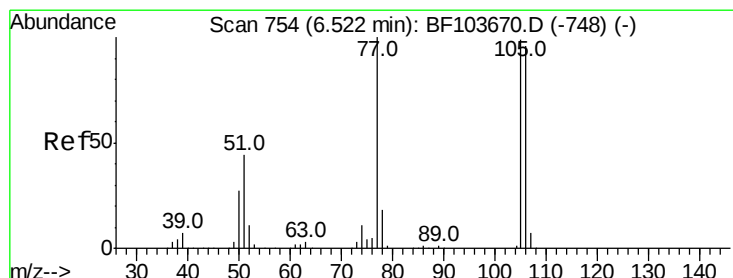
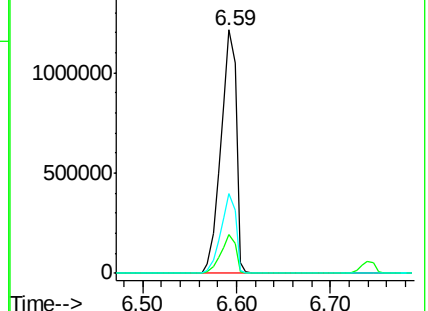
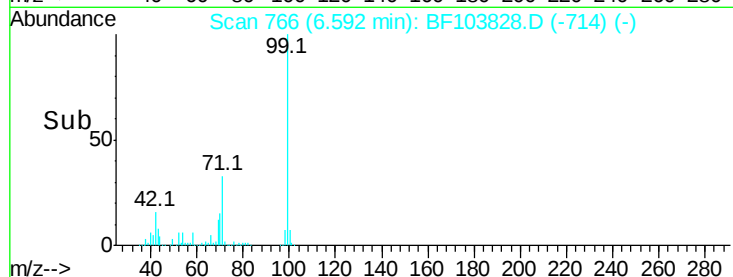
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.693 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.22 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

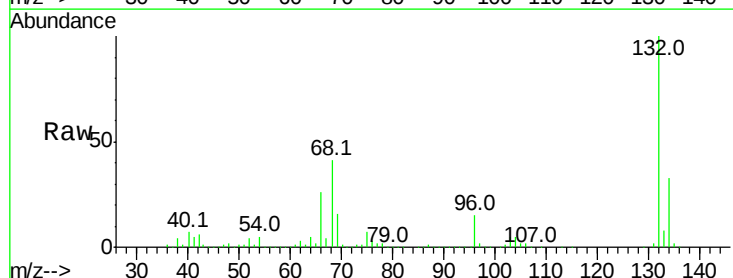
Tgt Ion: 77 Resp: 23698

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

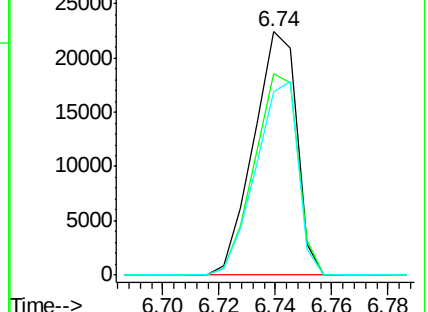
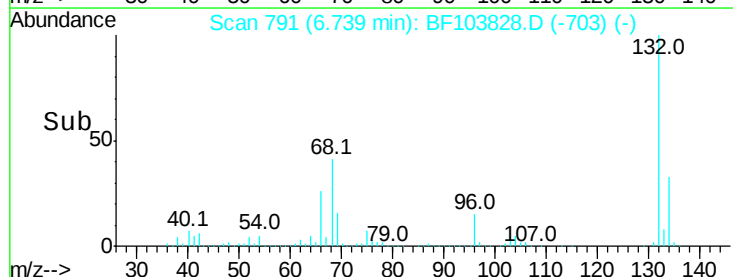
106 75.2 74.5 114.5

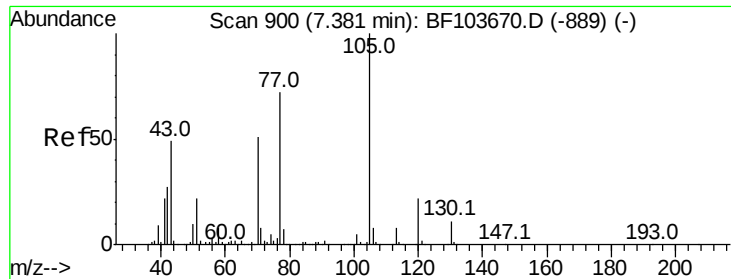


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

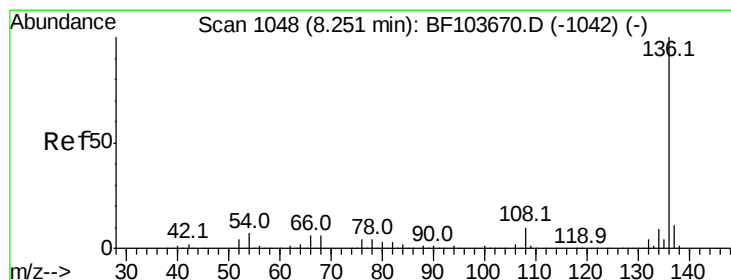
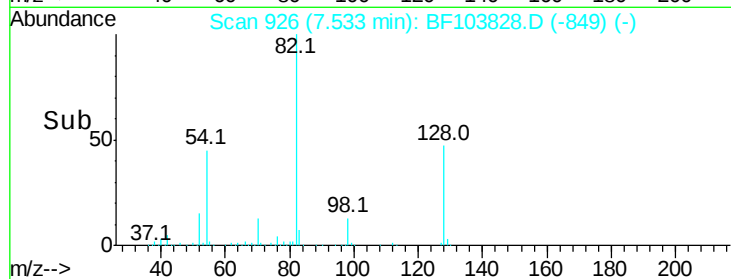
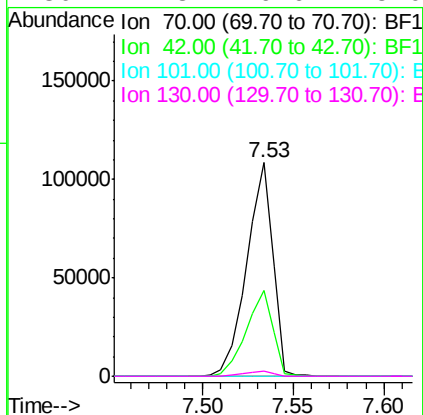
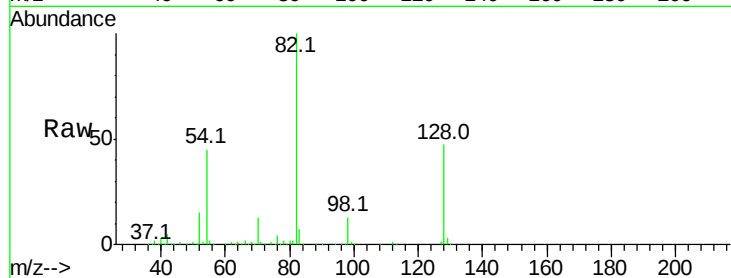




#19
n-Nitroso-di-n-propylamine
Concen: 12.621 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

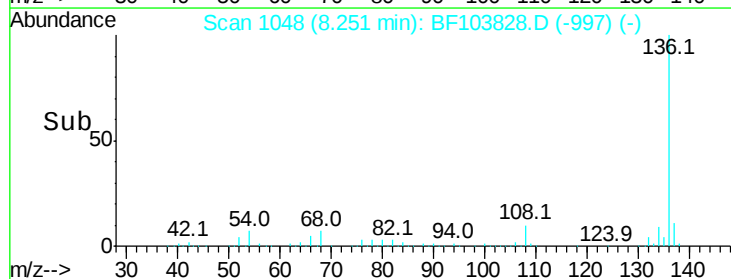
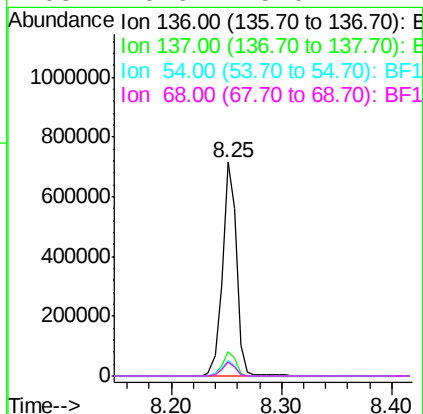
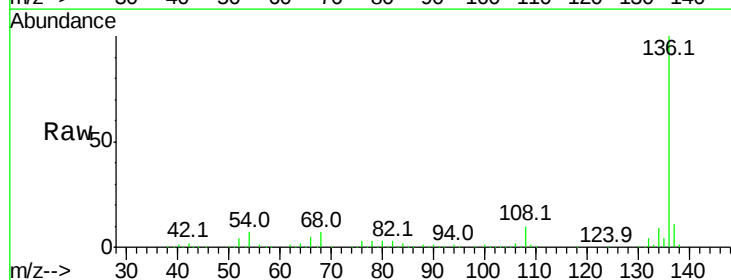
Instrument :
BNA_F
ClientSampleId :

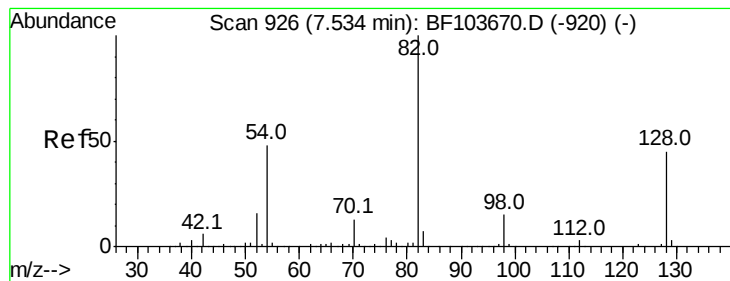
Tot Ion: 70 Resp: 108332
Ion Ratio Lower Upper
70 100
42 40.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Tgt Ion:136 Resp: 639892
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.6 9.8
68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.500 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

Instrument :

BNA_F

ClientSampled :

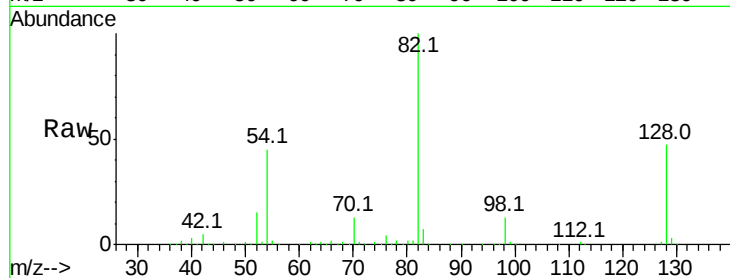
Tot Ion: 82 Resp: 839596

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

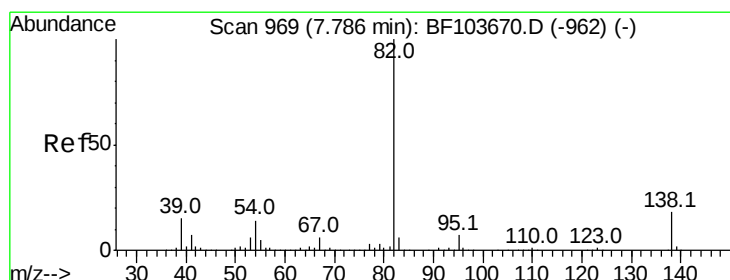
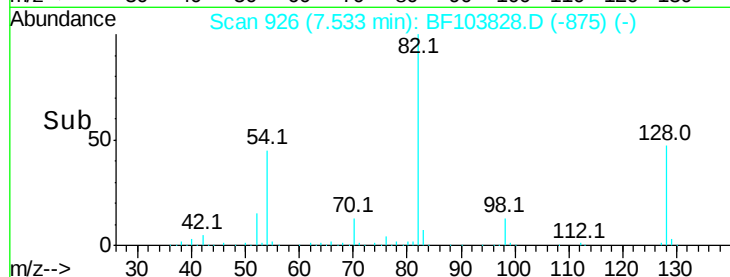
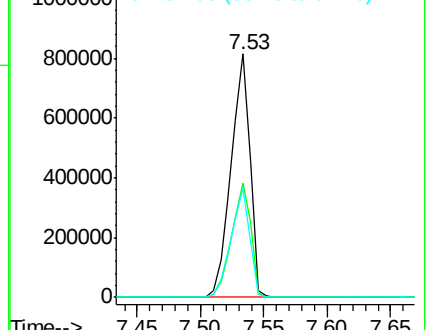
54 44.6 41.4 62.2



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: 39.525 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF103828.D

Acq: 21 Mar 2018 3:51

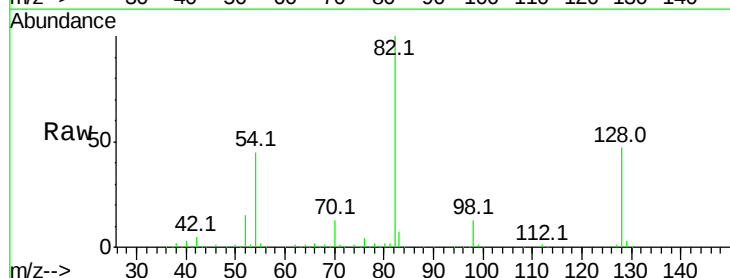
Tgt Ion: 82 Resp: 839584

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

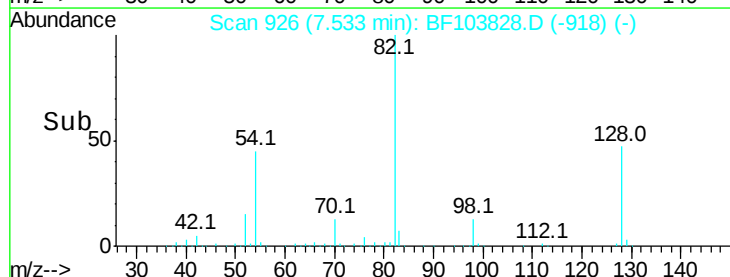
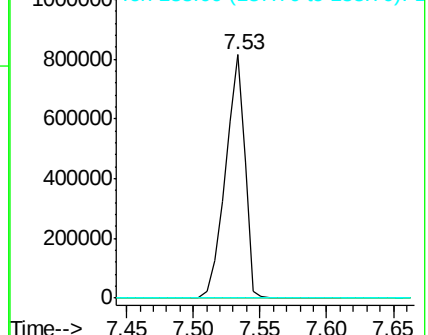
138 0.0 14.9 22.3#

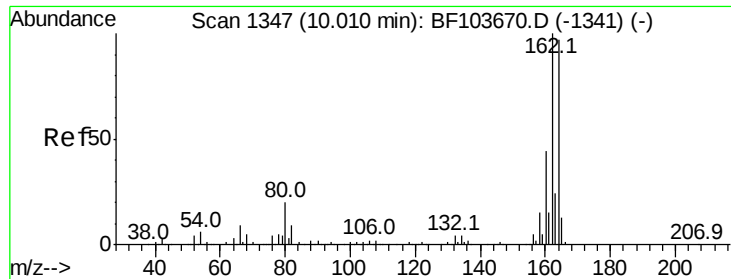


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

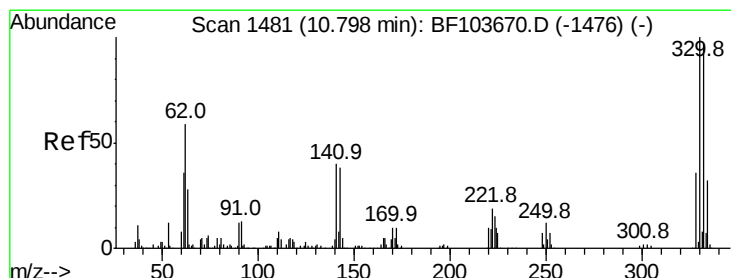
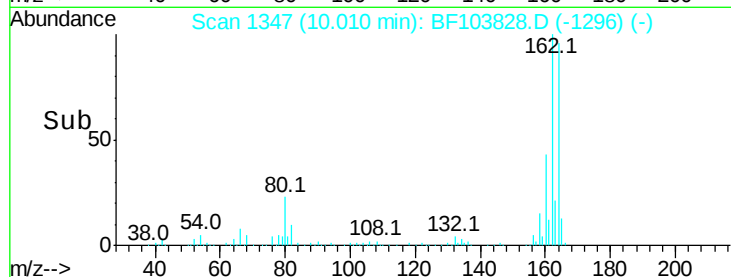
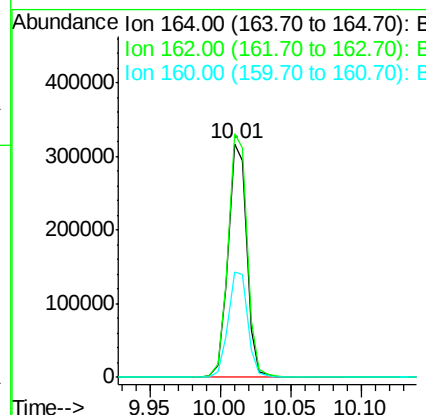
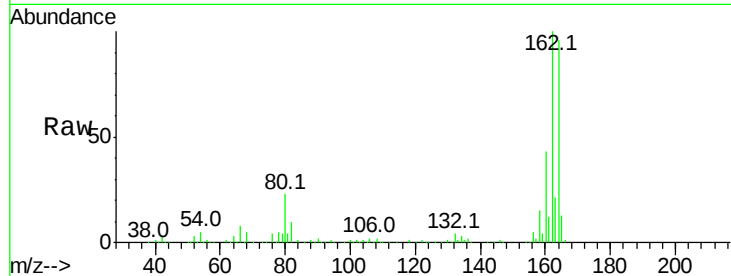




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

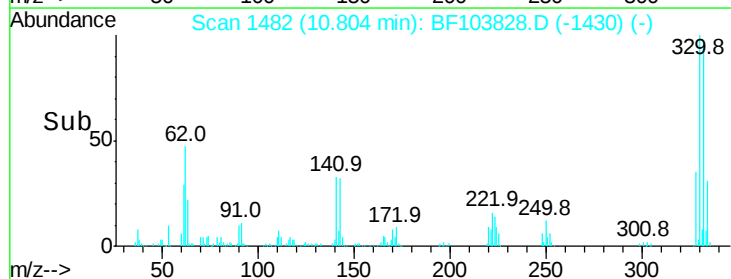
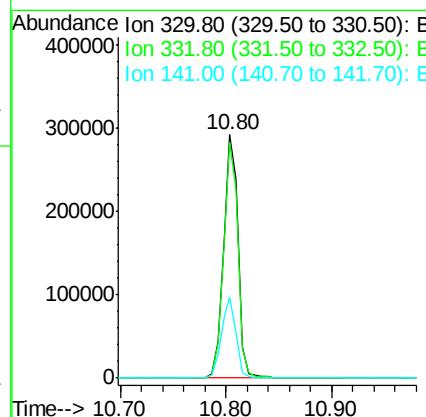
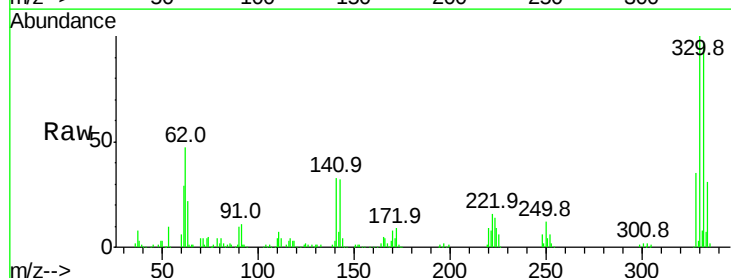
Instrument :
 BNA_F
 ClientSampleId :

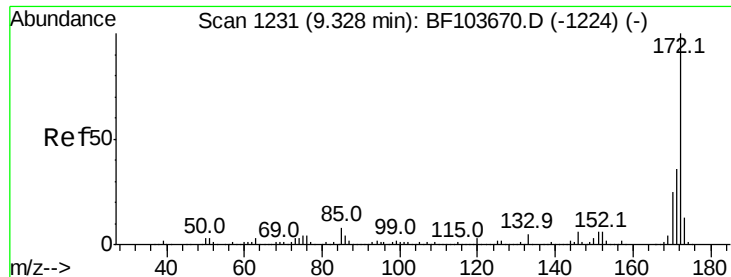
Tot Ion:164 Resp: 293734
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 112.807 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion:330 Resp: 284898
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.2 29.9 44.9



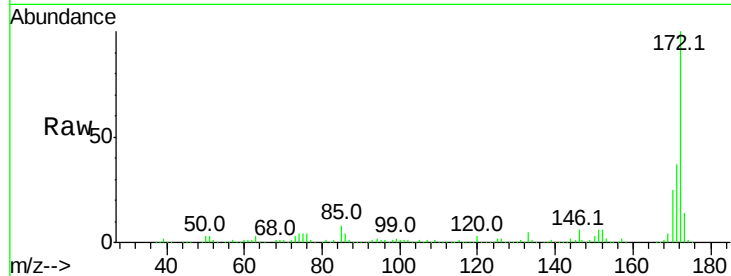


#44
 2-Fluorobiphenyl
 Concen: 79.378 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

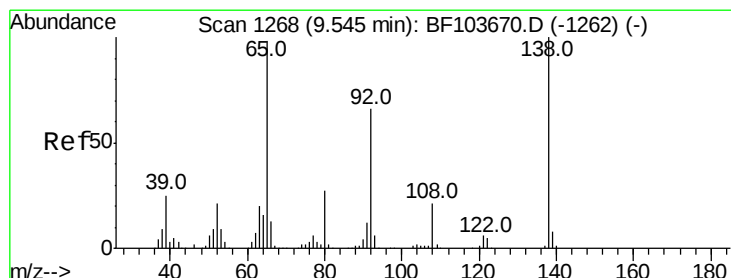
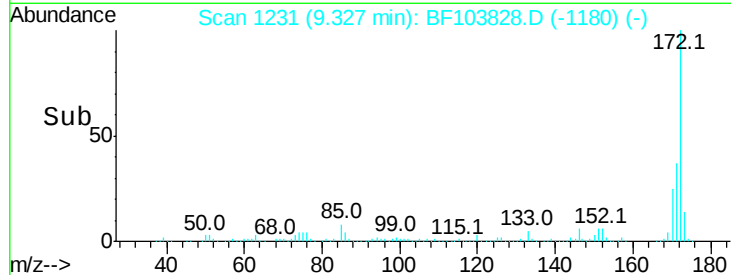
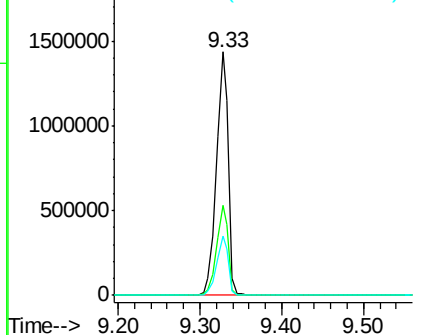
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1461678

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4



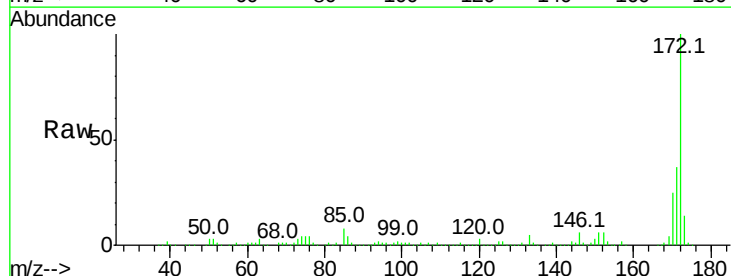
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



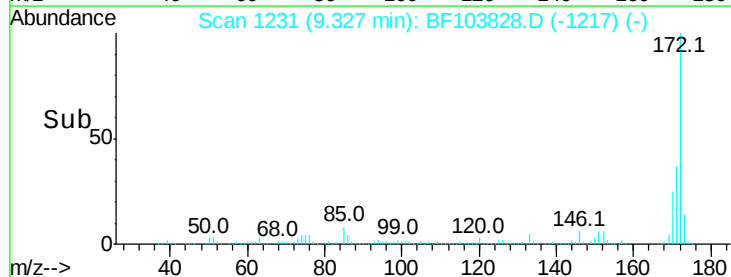
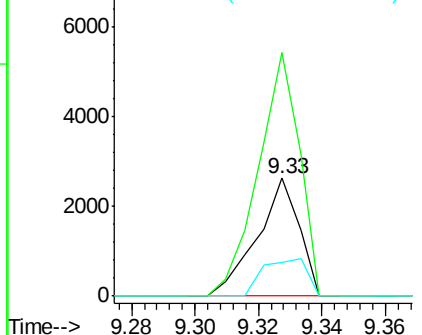
#47
 2-Nitroaniline
 Concen: 7.218 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.22 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

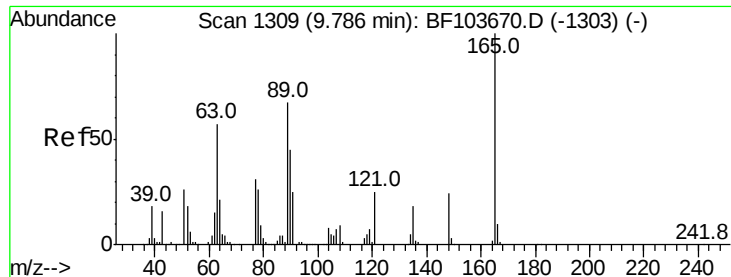
Tgt Ion: 65 Resp: 2396

Ion	Ratio	Lower	Upper
65	100		
92	206.7	55.8	83.6#
138	28.3	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

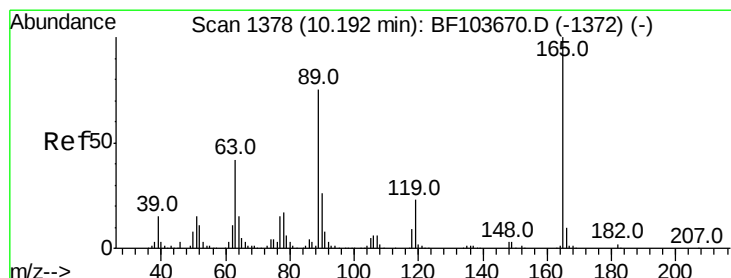
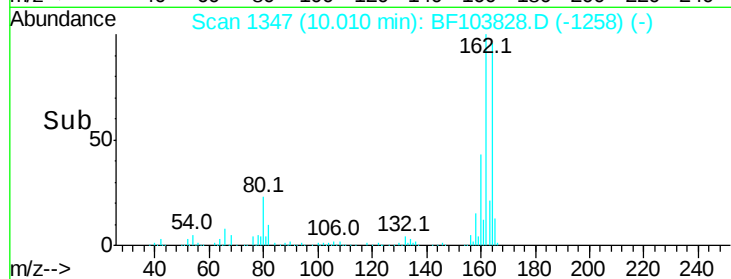
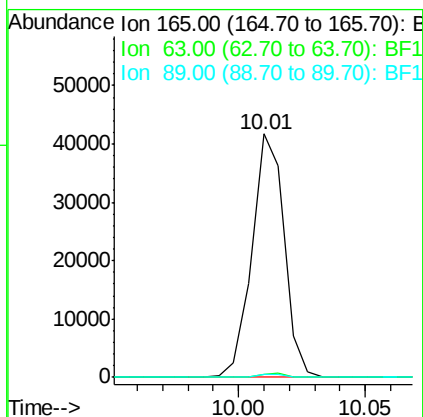
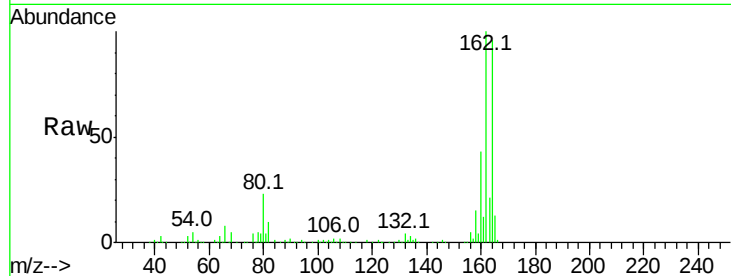




#50
 2,6-Dinitrotoluene
 Concen: 11.818 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

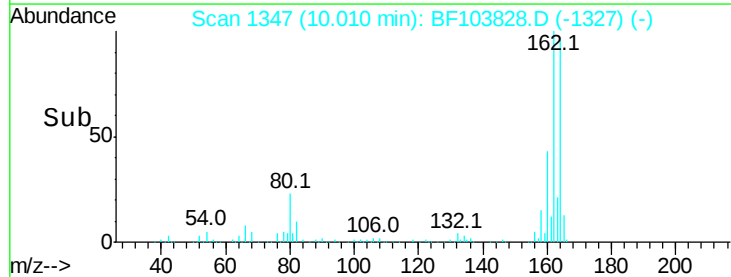
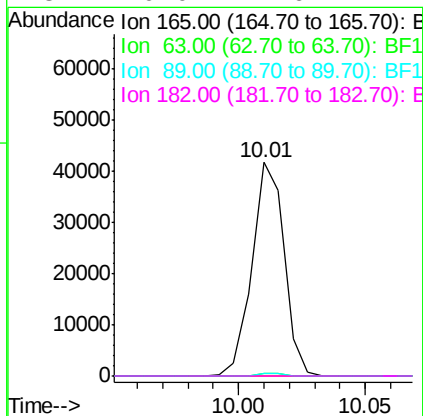
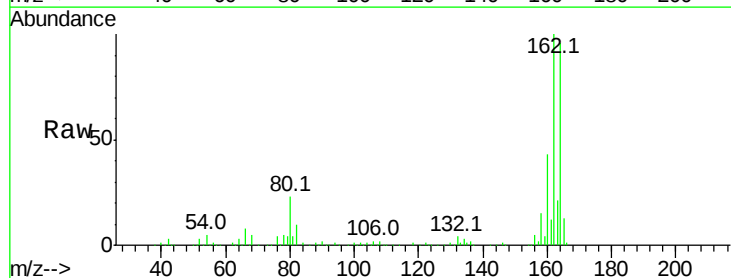
Instrument :
 BNA_F
 ClientSampleId :

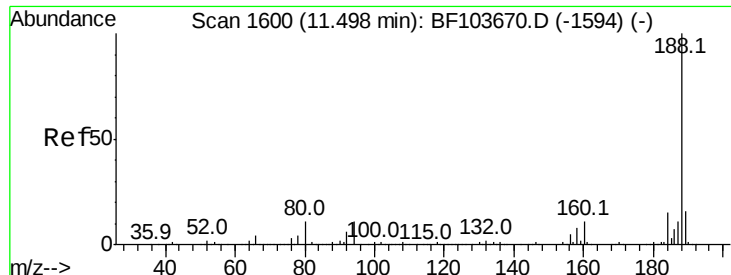
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 12.084 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.18 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

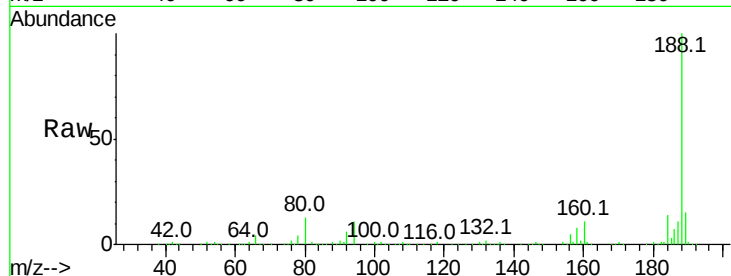




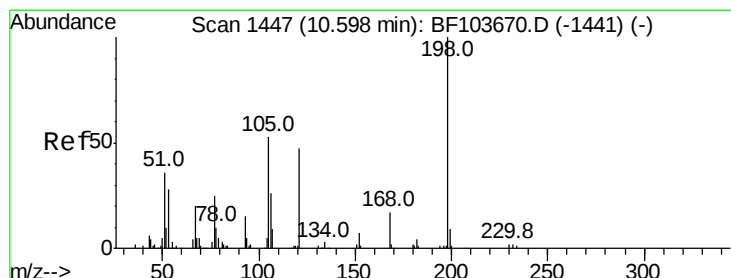
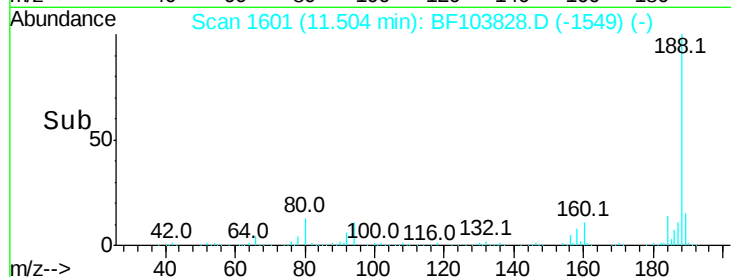
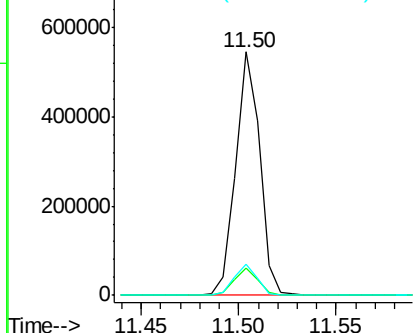
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 467396
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.6 9.2 13.8

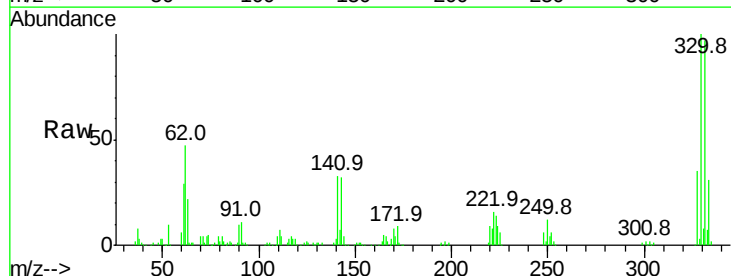


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

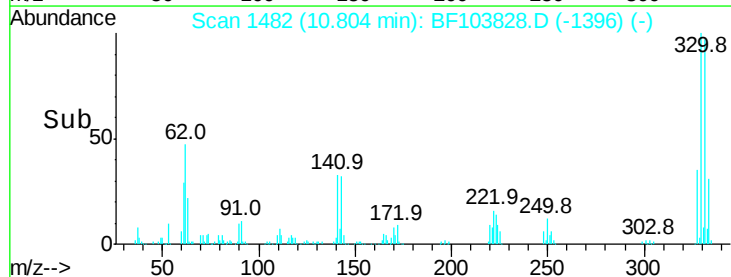
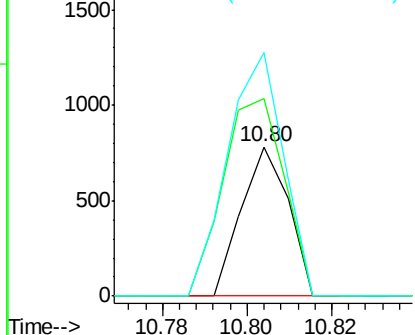


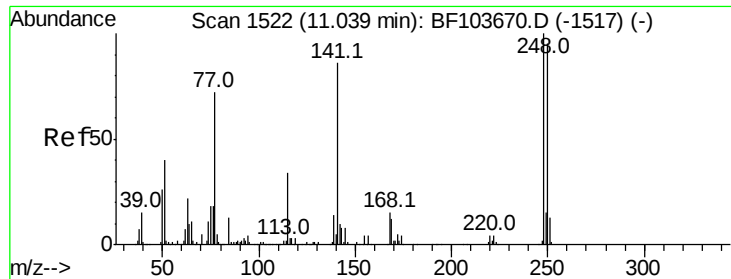
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.504 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.21 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion:198 Resp: 605
 Ion Ratio Lower Upper
 198 100
 51 132.5 37.7 77.7#
 105 163.0 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

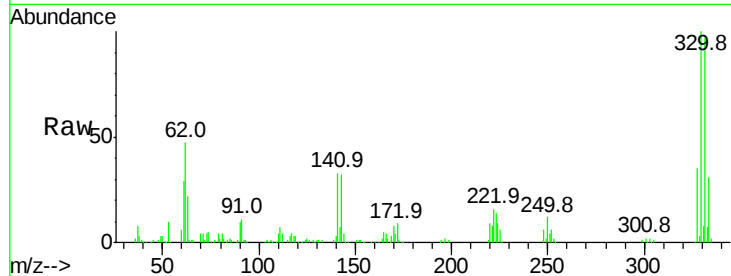




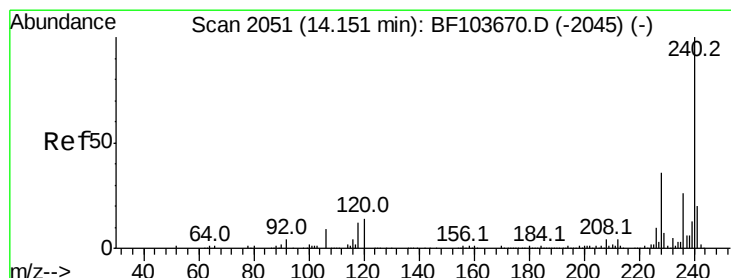
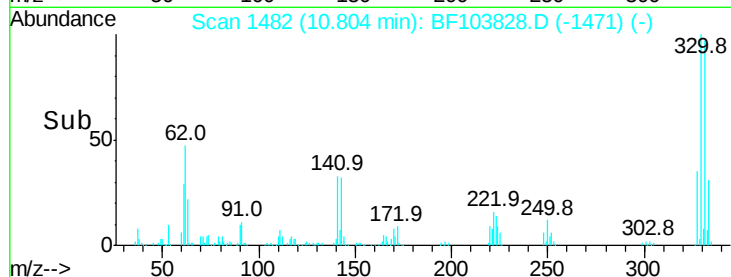
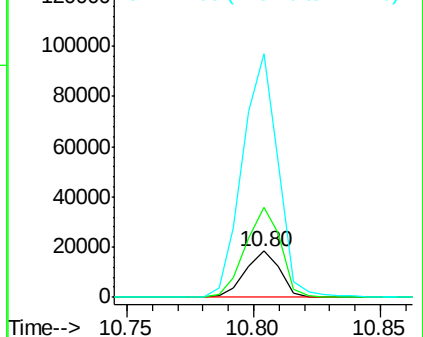
#66
4-Bromophenyl-phenylether
Concen: 3.635 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17444
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 528.0 74.4 111.6#

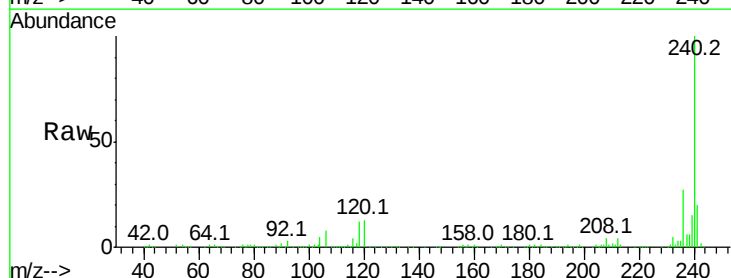


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

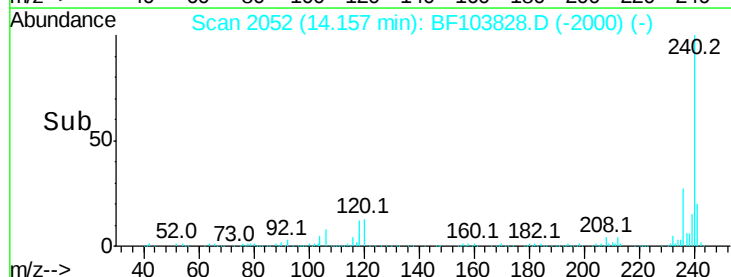
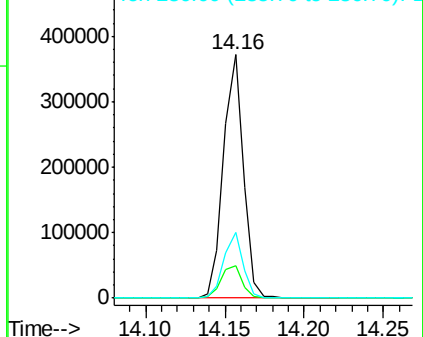


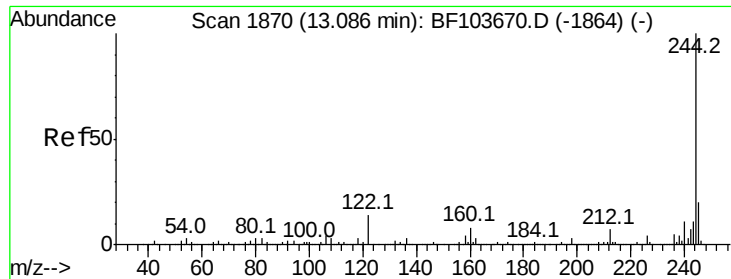
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103828.D
Acq: 21 Mar 2018 3:51

Tgt Ion:240 Resp: 325020
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.8 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

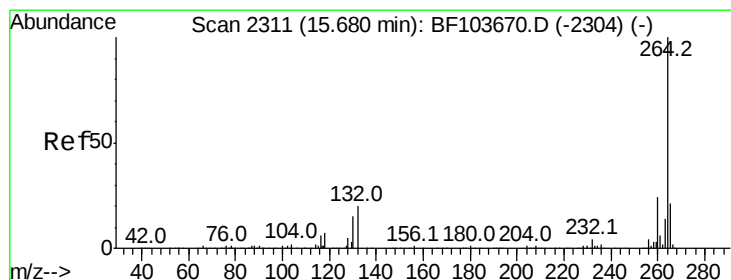
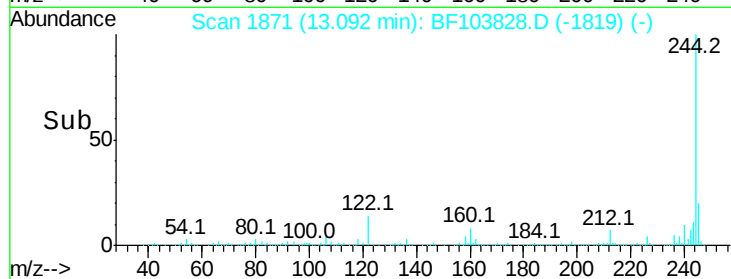
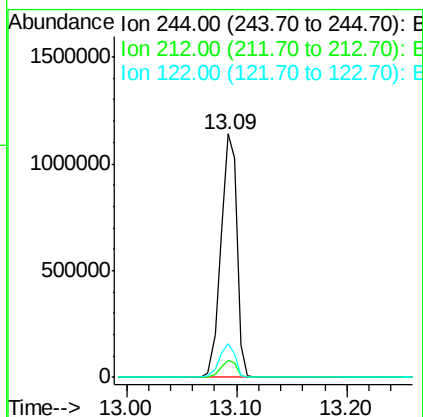
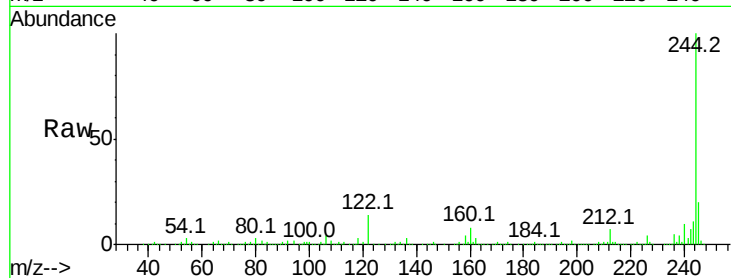




#78
 Terphenyl-d14
 Concen: 82.206 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1151092
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103828.D
 Acq: 21 Mar 2018 3:51

Tgt Ion:264 Resp: 273891
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.6 17.5 26.3

