

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103816.D
 Acq On : 20 Mar 2018 21:29
 Operator : JU/SJ
 Sample : J1760-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 00:59:33 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

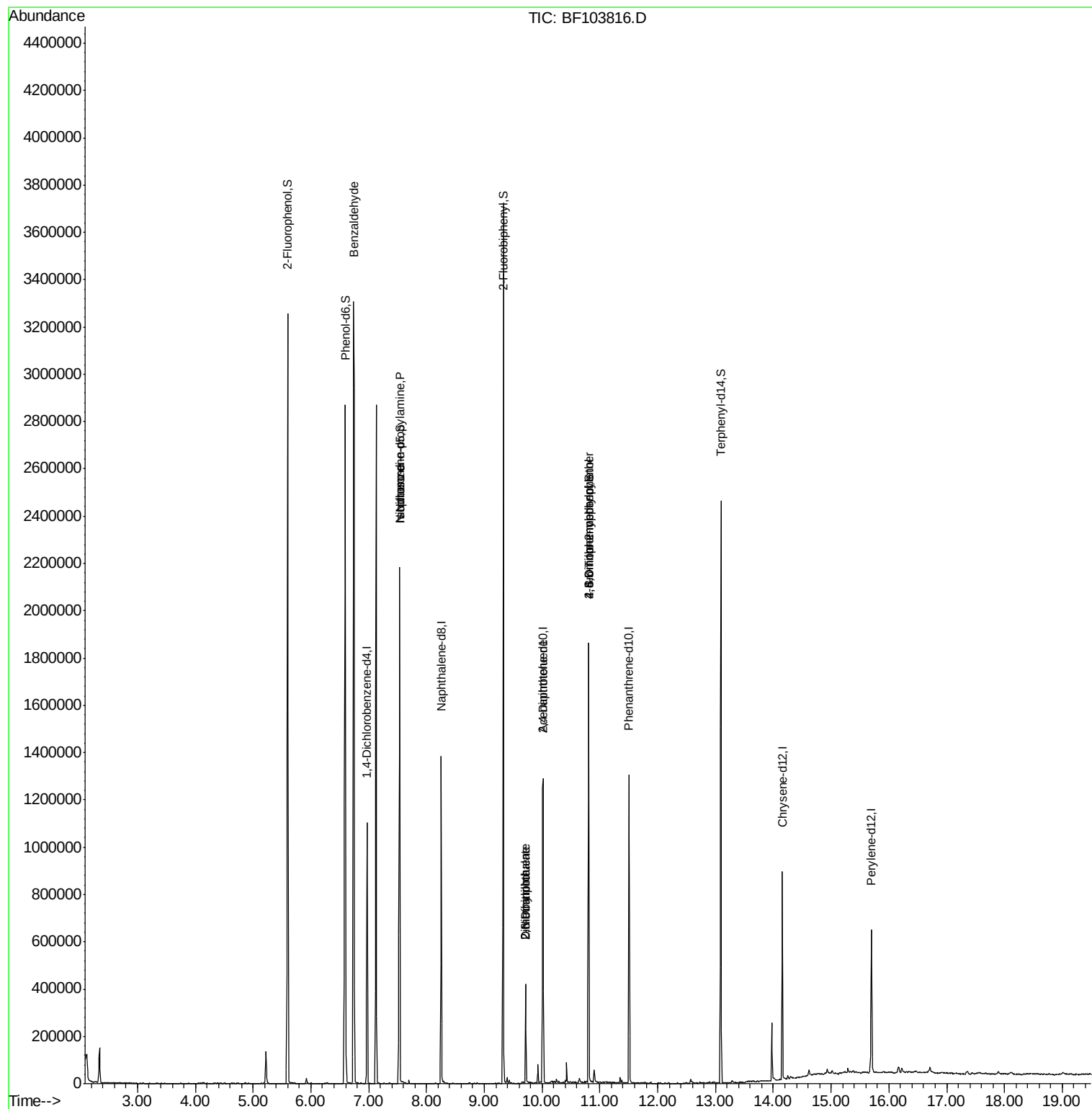
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162619	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	627181	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	262526	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444120	20.00	ng	0.00
75) Chrysene-d12	14.16	240	282776	20.00	ng	0.00
86) Perylene-d12	15.70	264	260394	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1022884	95.67	ng	0.02
7) Phenol-d6	6.59	99	1216585	93.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	763296	84.87	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221130	97.97	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1114200	67.70	ng	0.00
78) Terphenyl-d14	13.09	244	824161	67.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	21825	2.540	ng	81
19) n-Nitroso-di-n-propylamine	7.53	70	99598	11.881	ng	# 73
25) Isophorone	7.53	82	763287	36.662	ng	# 64
47) 2-Nitroaniline	9.72	65	1275	7.055	ng	# 1
49) Dimethylphthalate	9.72	163	151040	7.541	ng	100
50) 2,6-Dinitrotoluene	9.72	165	1466	4.331	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	32981	12.063	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	417	8.398	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13665	2.997	ng	# 1

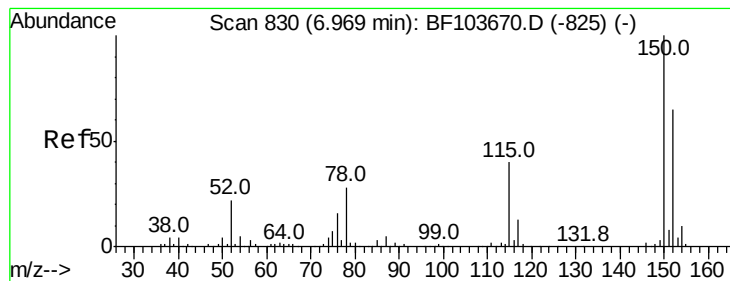
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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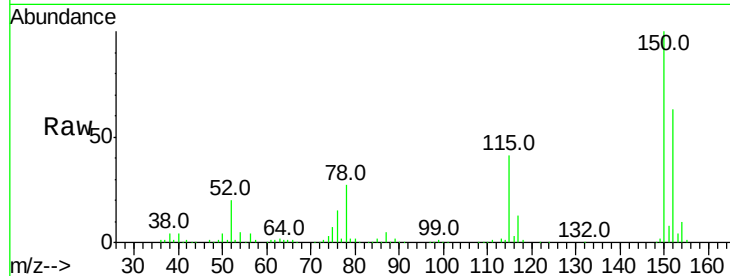


#1

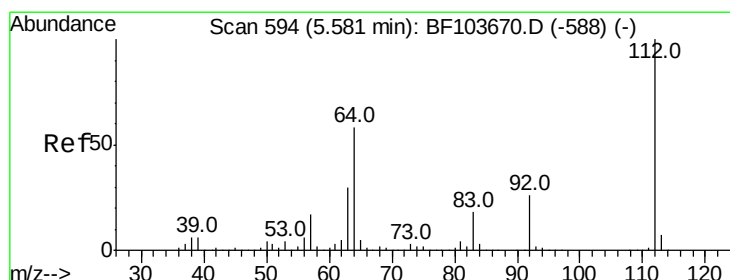
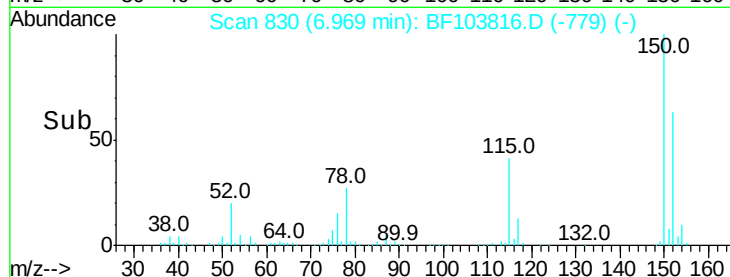
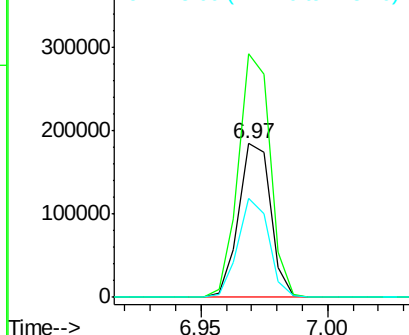
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162619
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.5 50.1 75.1



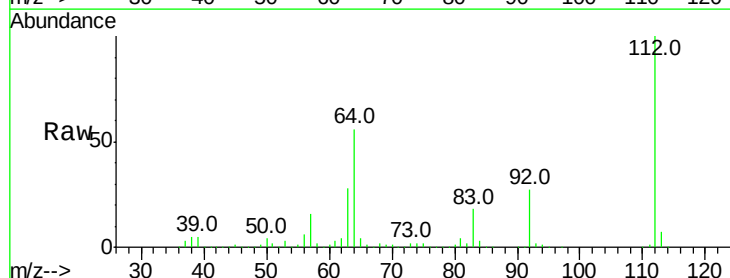
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



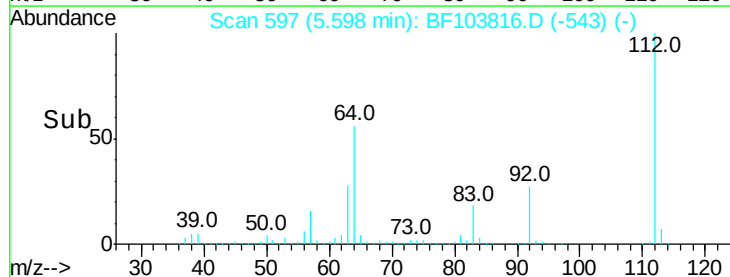
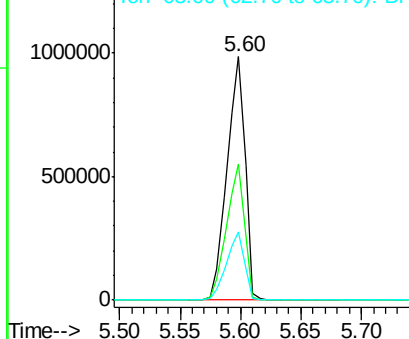
#5

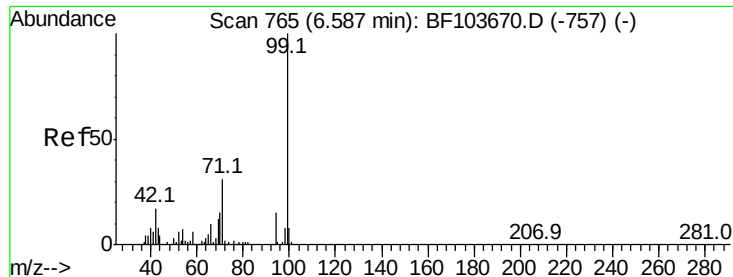
2-Fluorophenol
Concen: 95.672 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Tgt Ion:112 Resp: 1022884
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.1 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: 93.008 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

Instrument :

BNA_F

ClientSampled :

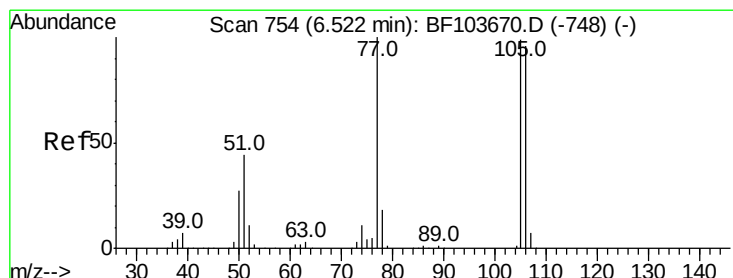
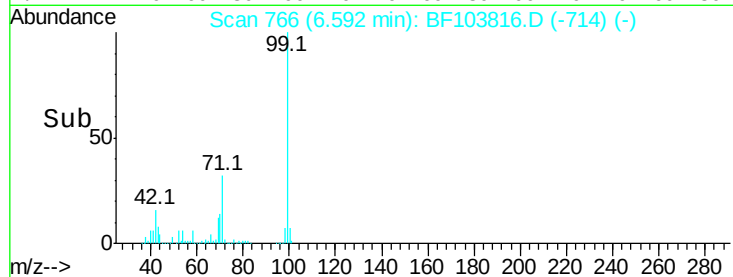
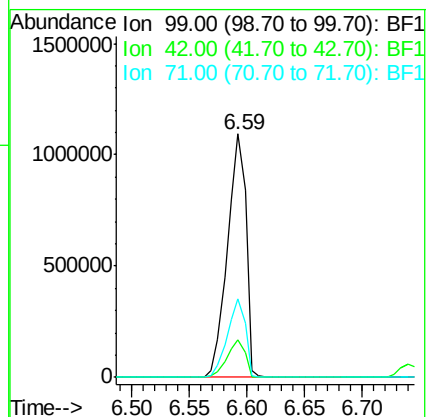
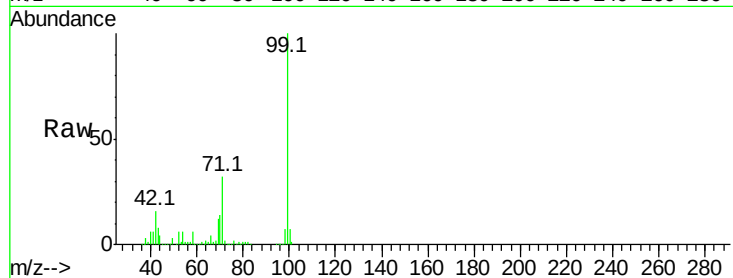
Tot Ion: 99 Resp: 1216585

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.0 25.4 38.0



#9

Benzaldehyde

Concen: 2.540 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.22 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

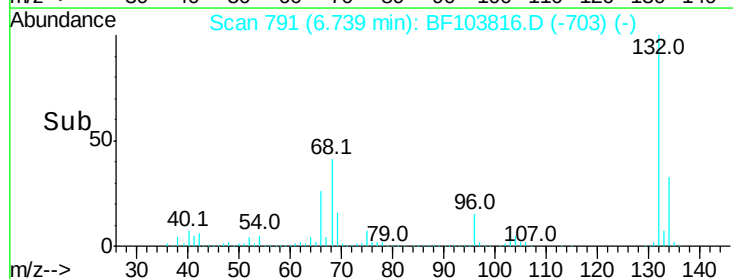
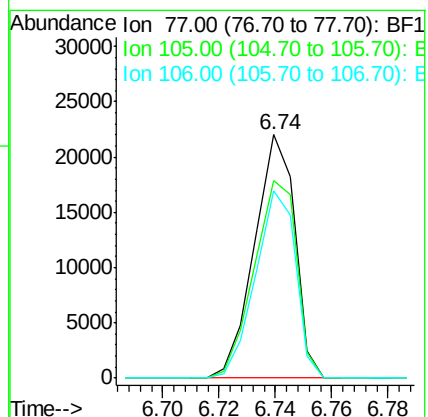
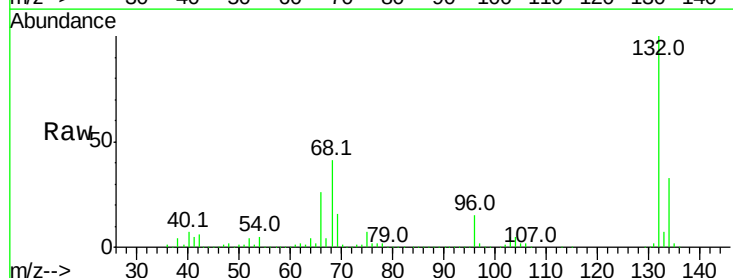
Tgt Ion: 77 Resp: 21825

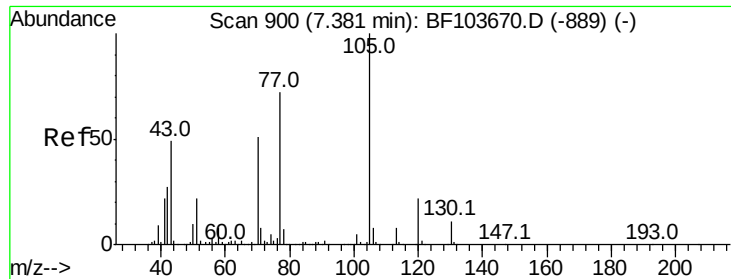
Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

106 76.8 74.5 114.5

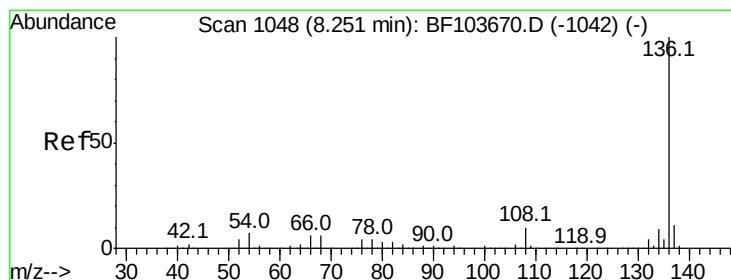
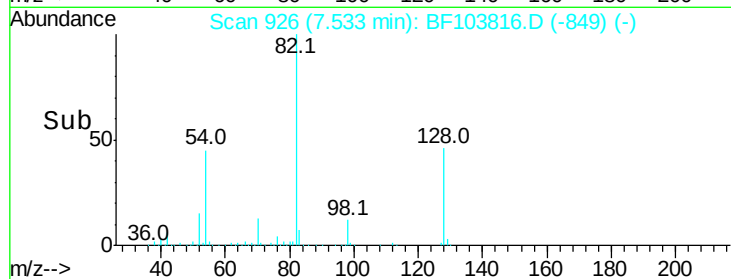
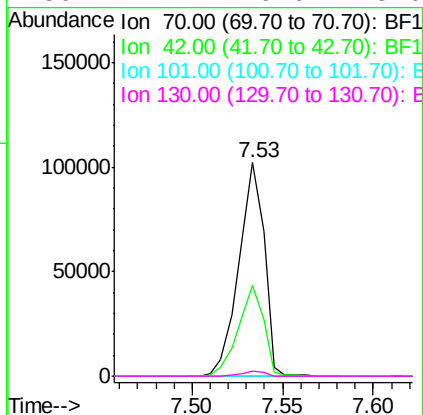
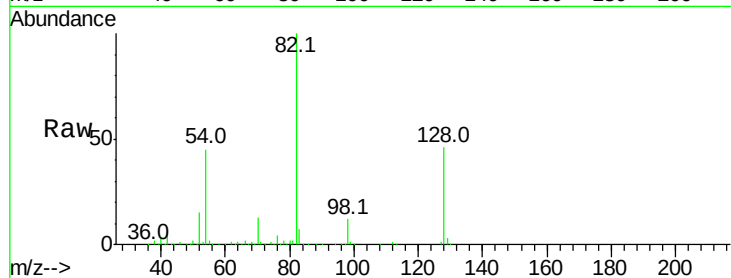




#19
n-Nitroso-di-n-propylamine
Concen: 11.881 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

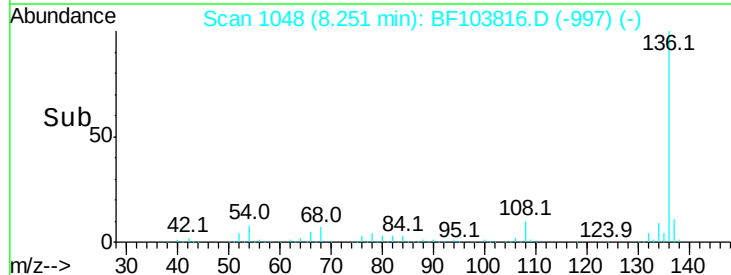
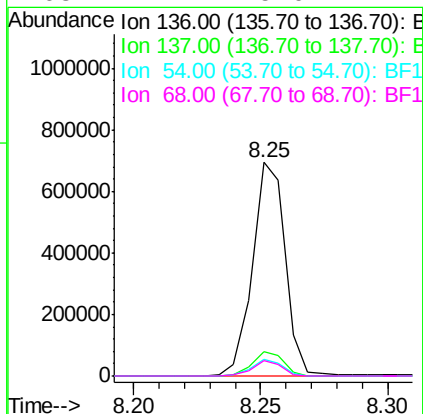
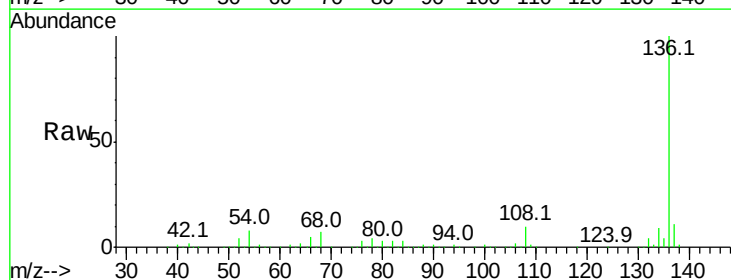
Instrument :
BNA_F
ClientSampleId :

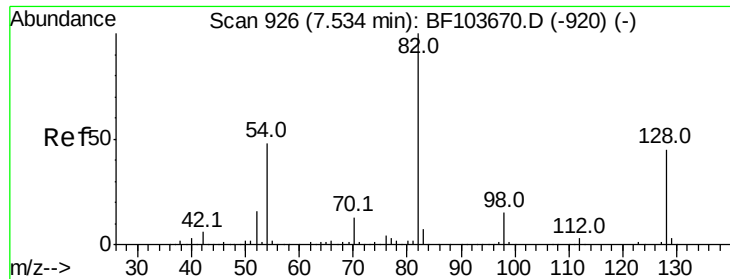
Tot Ion: 70 Resp: 99598
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Tgt Ion:136 Resp: 627181
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.6 9.8
68 7.1 5.0 7.4

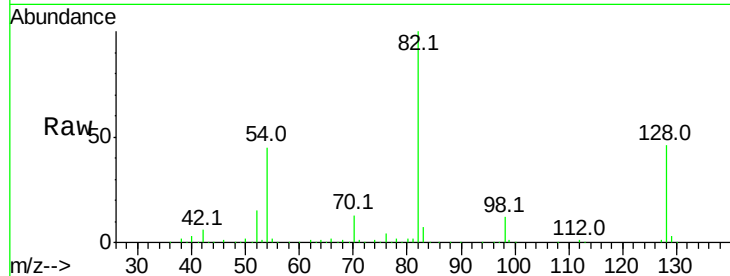




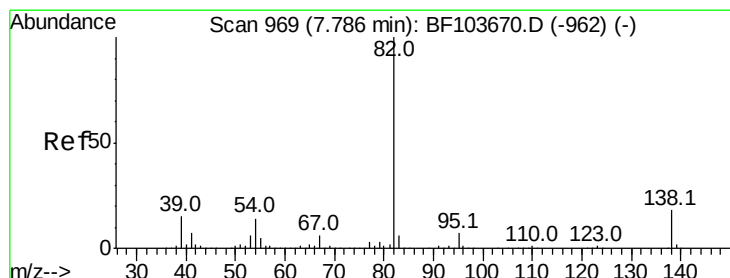
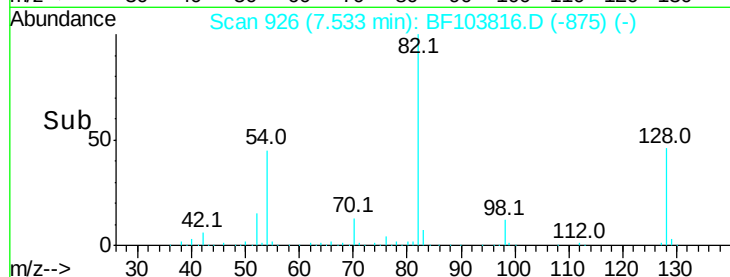
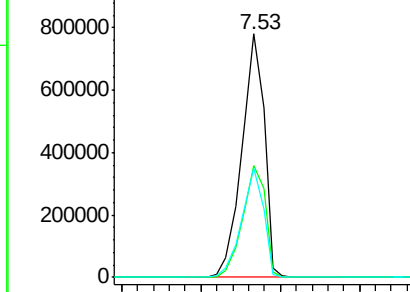
#23
 Nitrobenzene-d5
 Concen: 84.870 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103816.D
 Acq: 20 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	763296
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	44.7	41.4	62.2

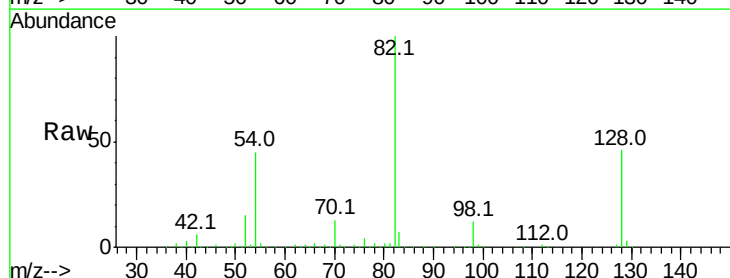


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

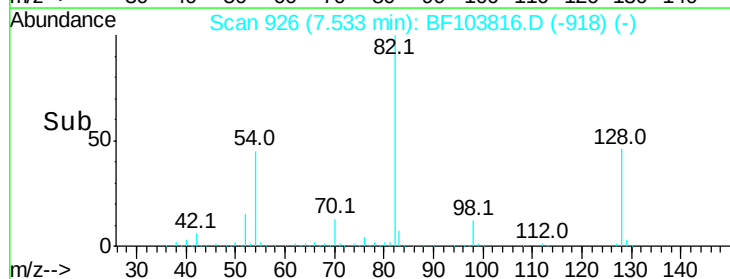
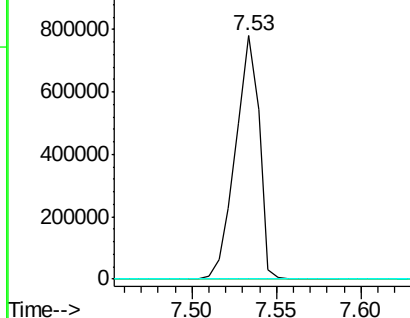


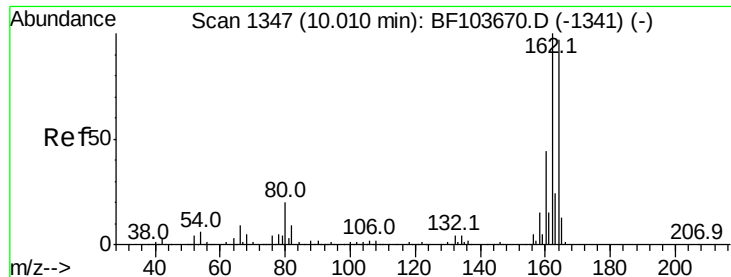
#25
 Isophorone
 Concen: 36.662 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF103816.D
 Acq: 20 Mar 2018 21:29

Tgt Ion	82	Resp	763287
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: BF103816.D

Acq: 20 Mar 2018 21:29

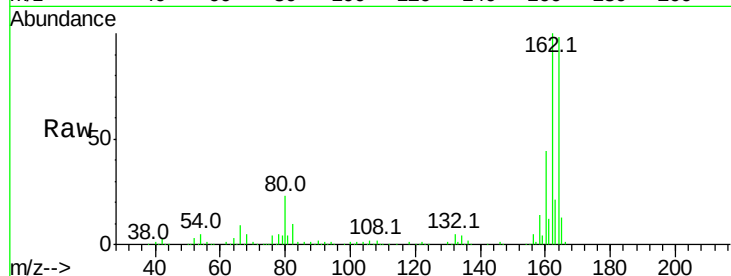
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 262526

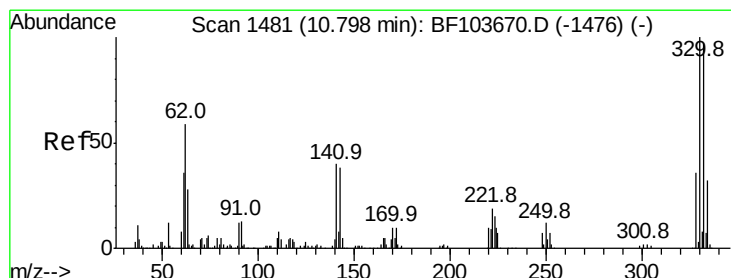
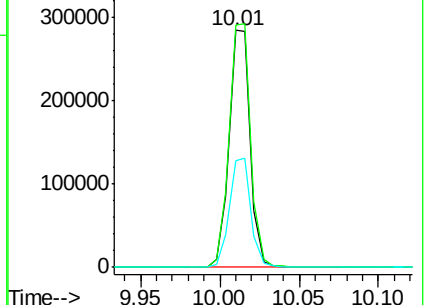
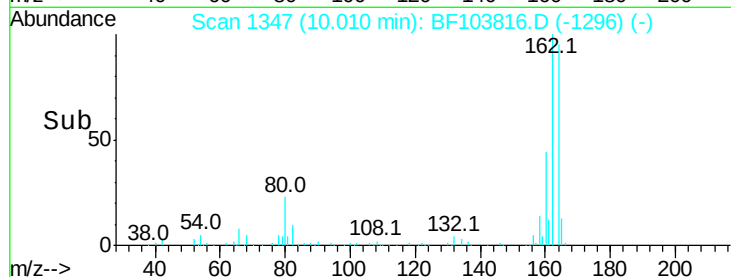
Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.3	38.3	57.5



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: 97.966 ng

RT: 10.80 min Scan# 1482

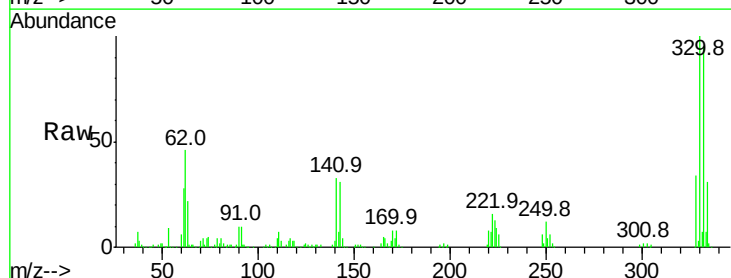
Delta R.T. 0.01 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

Tgt Ion:330 Resp: 221130

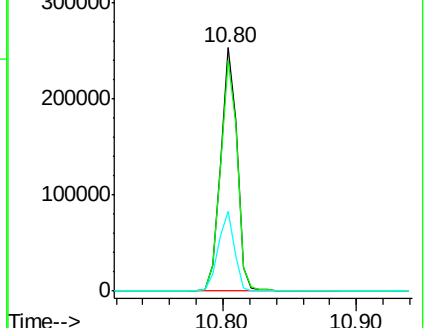
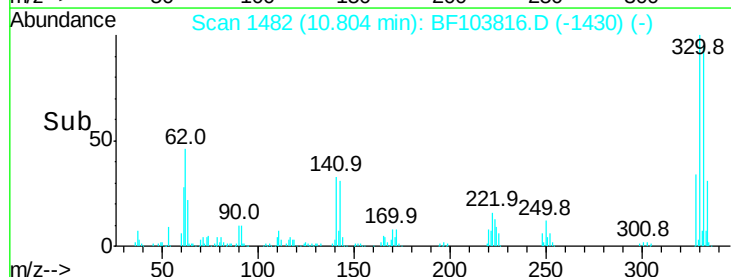
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.4	29.9	44.9

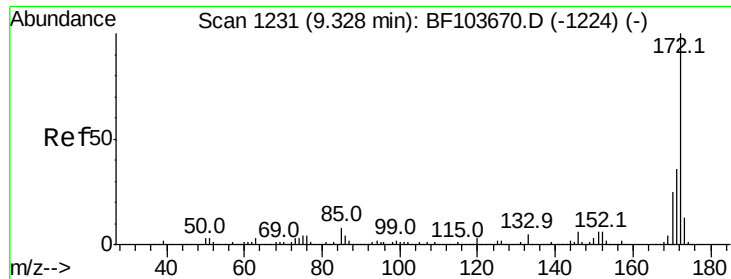


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



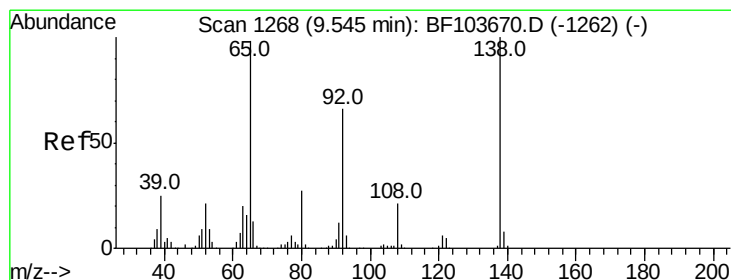
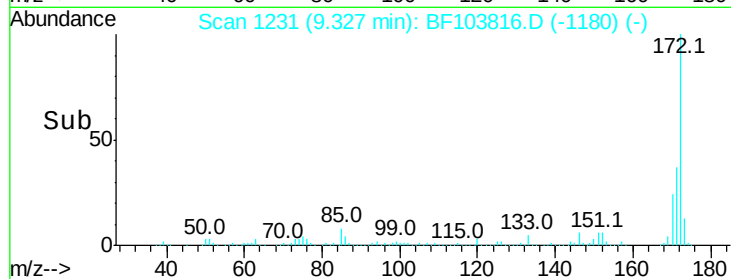
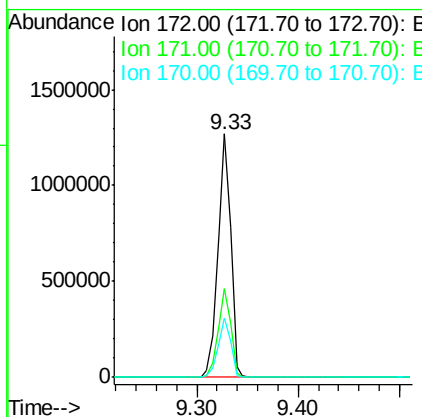
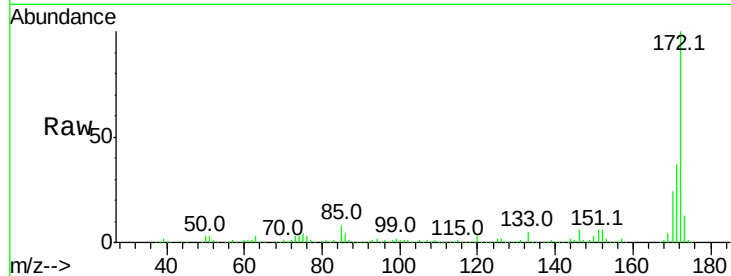


#44
 2-Fluorobiphenyl
 Concen: 67.701 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103816.D
 Acq: 20 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1114200

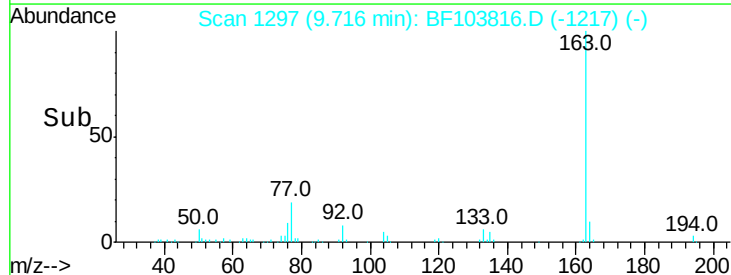
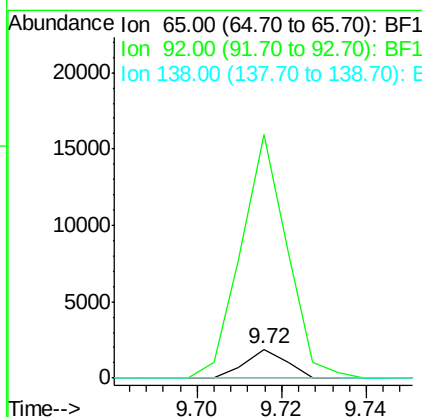
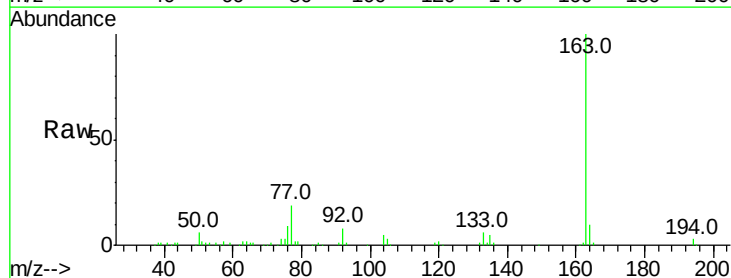
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

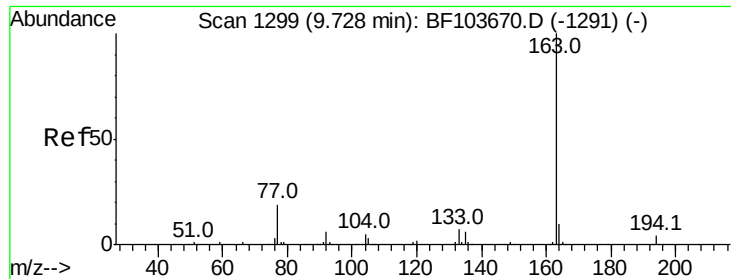


#47
 2-Nitroaniline
 Concen: 7.055 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.17 min
 Lab File: BF103816.D
 Acq: 20 Mar 2018 21:29

Tgt Ion: 65 Resp: 1275

Ion	Ratio	Lower	Upper
65	100		
92	845.5	55.8	83.6#
138	0.0	91.2	136.8#

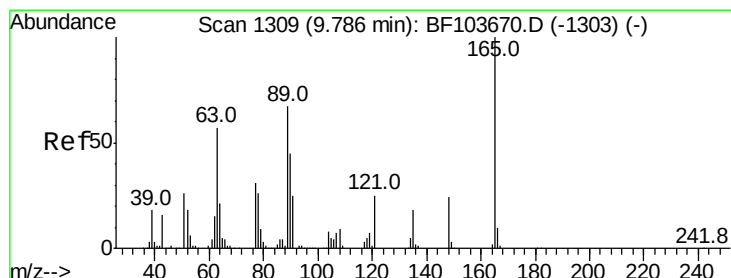
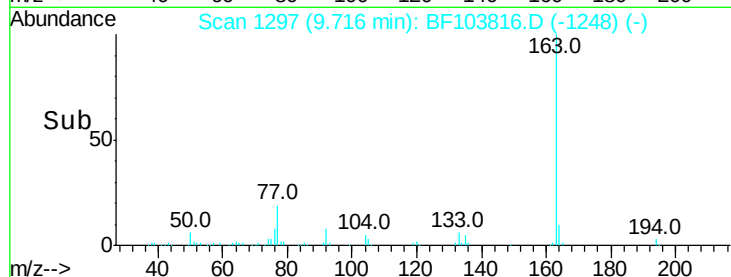
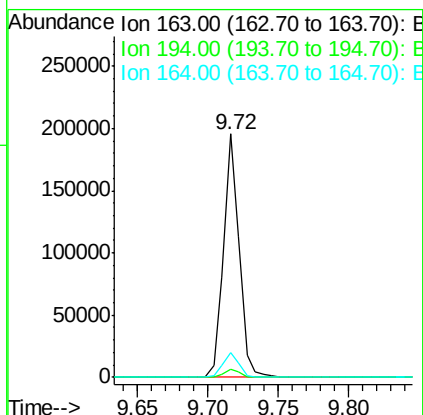
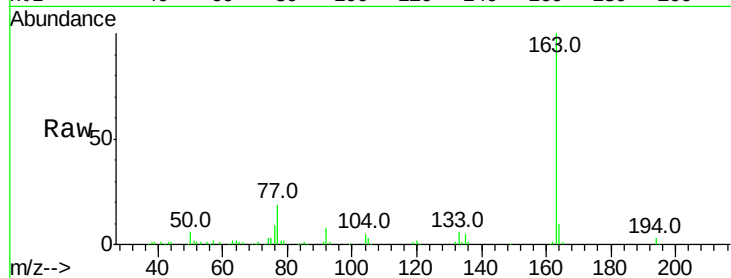




#49
Dimethylphthalate
Concen: 7.541 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

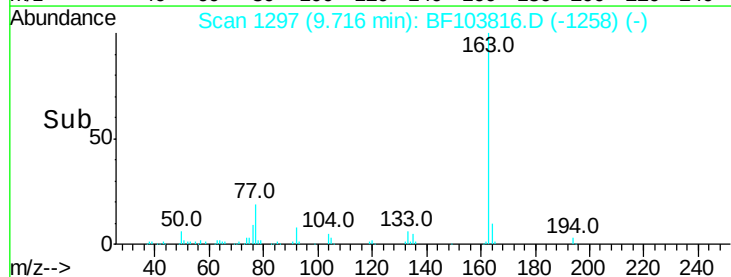
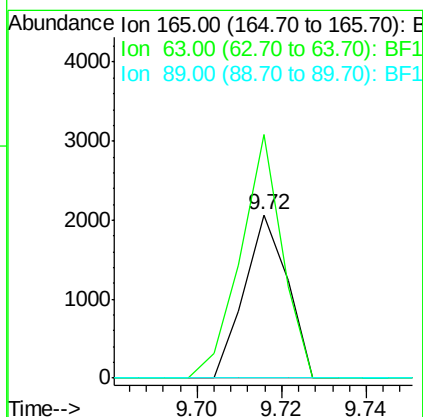
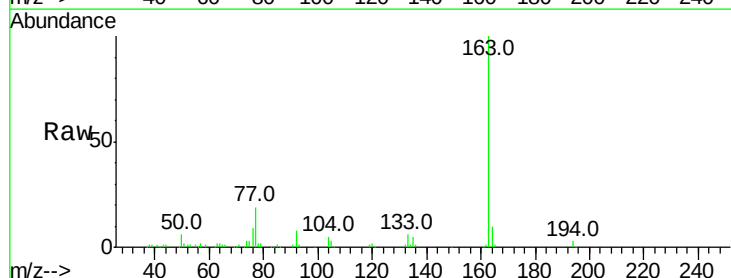
Instrument :
BNA_F
ClientSampled :

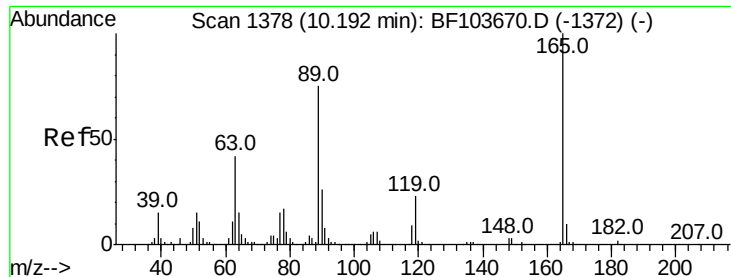
Tot Ion:163 Resp: 151040
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 4.331 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Tgt Ion:165 Resp: 1466
Ion Ratio Lower Upper
165 100
63 149.2 44.7 67.1#
89 0.0 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 12.063 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32981

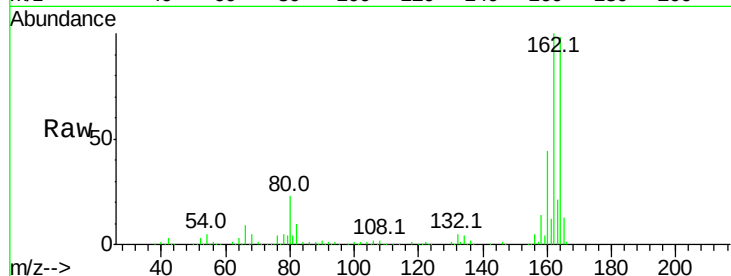
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

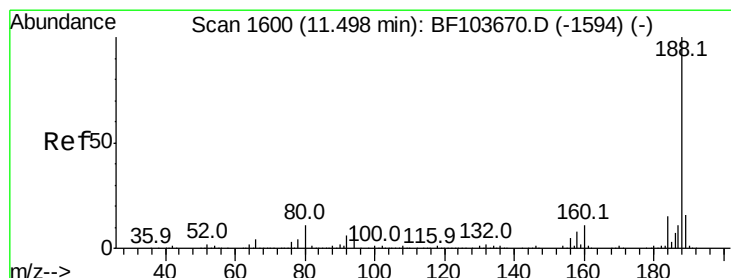
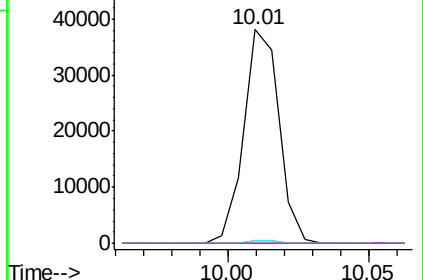
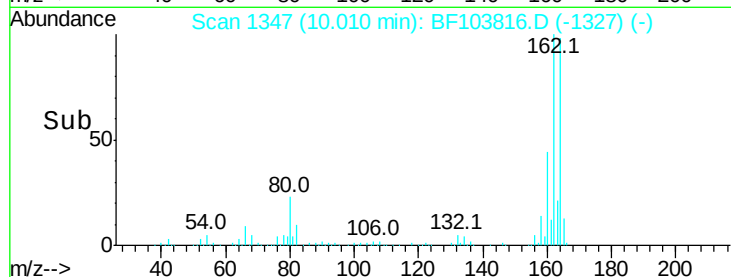


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

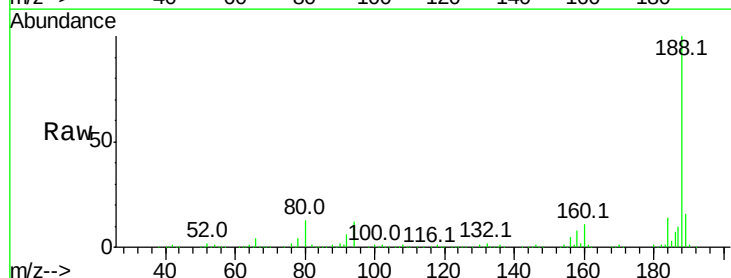
Tgt Ion:188 Resp: 444120

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

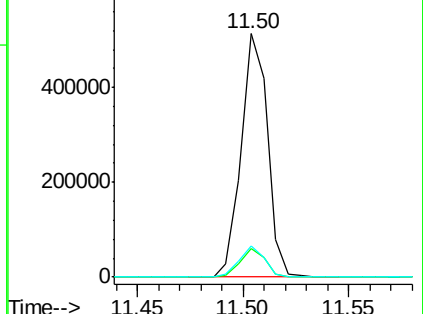
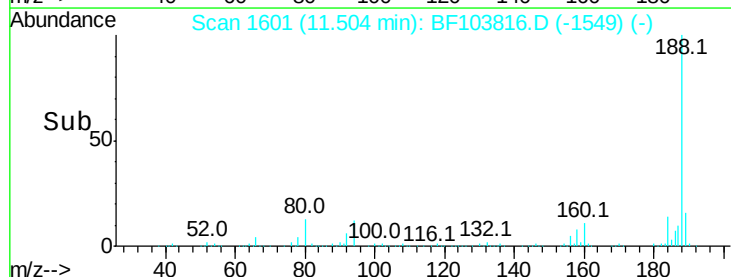
80 12.6 9.2 13.8

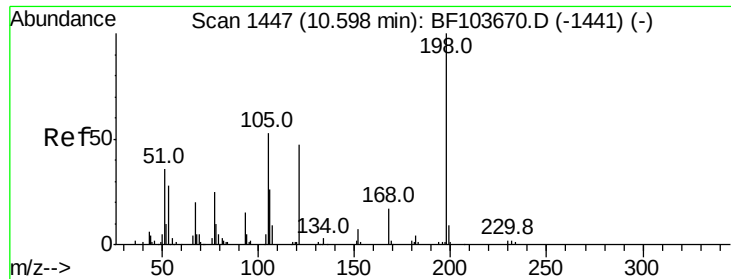


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

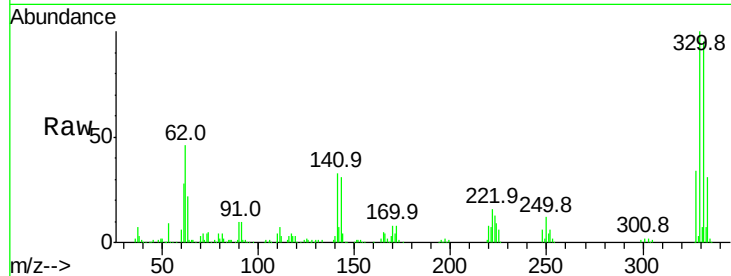




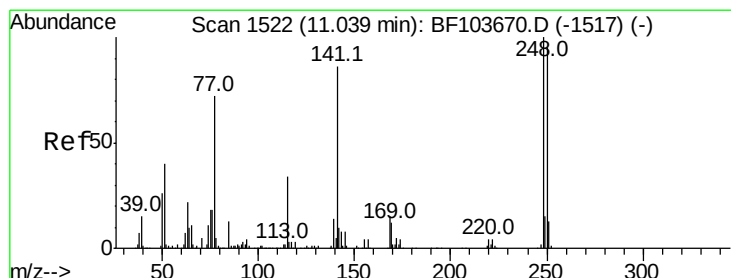
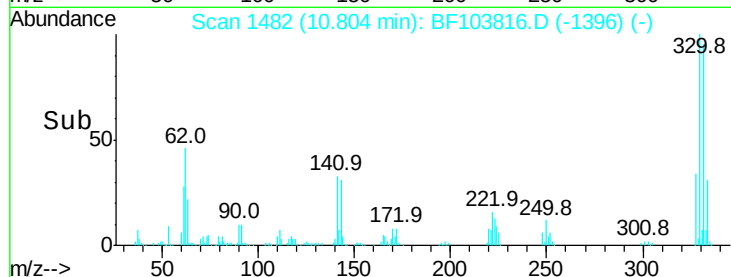
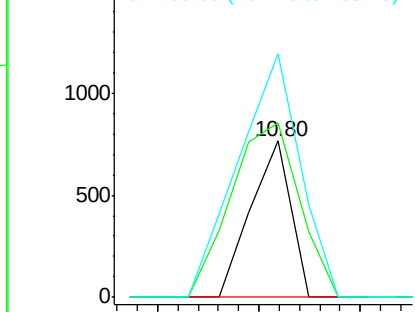
#64
4,6-Dinitro-2-methylphenol
Concen: 8.398 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 417
Ion Ratio Lower Upper
198 100
51 111.5 37.7 77.7#
105 155.9 36.3 76.3#

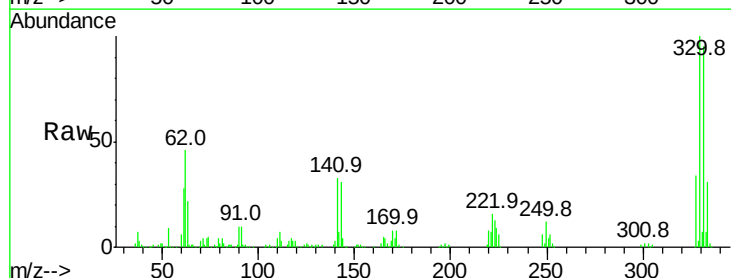


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

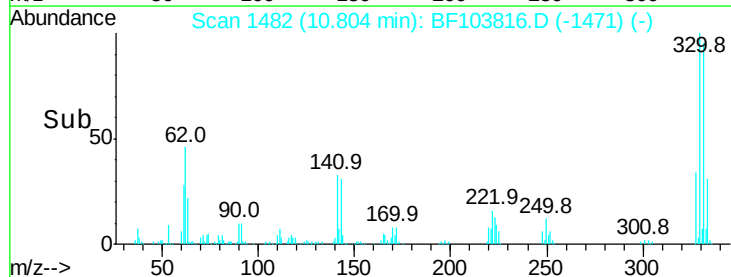
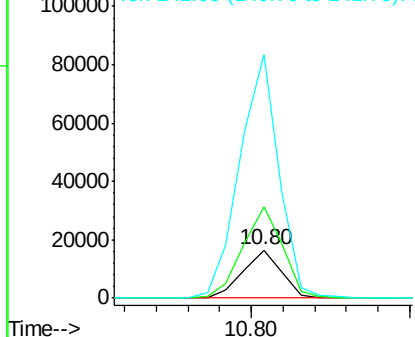


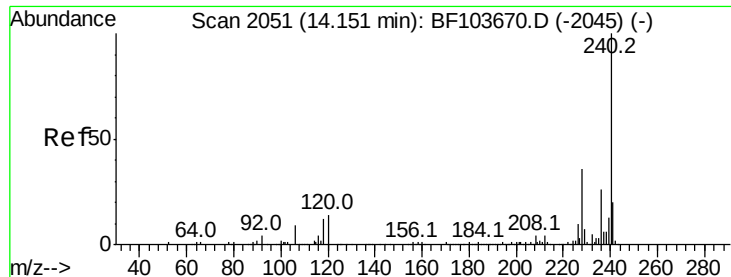
#66
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103816.D
Acq: 20 Mar 2018 21:29

Tgt Ion:248 Resp: 13665
Ion Ratio Lower Upper
248 100
250 191.0 76.9 115.3#
141 508.1 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: BF103816.D

Acq: 20 Mar 2018 21:29

Instrument :

BNA_F

ClientSampled :

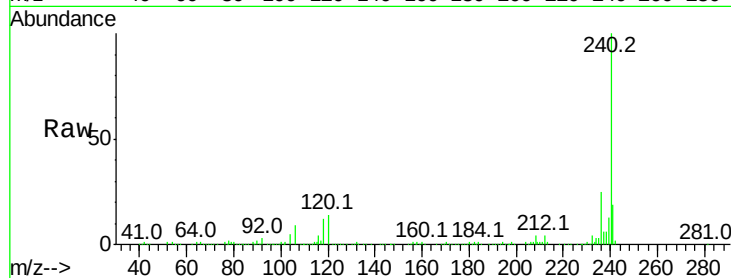
Tot Ion:240 Resp: 282776

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

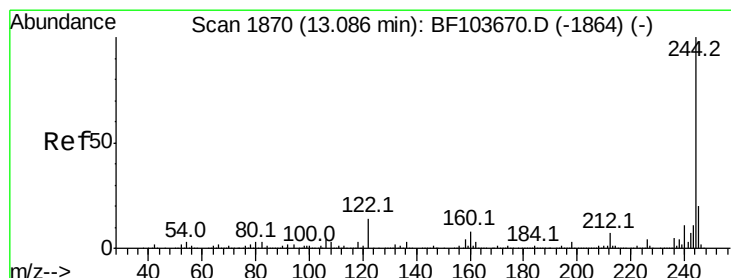
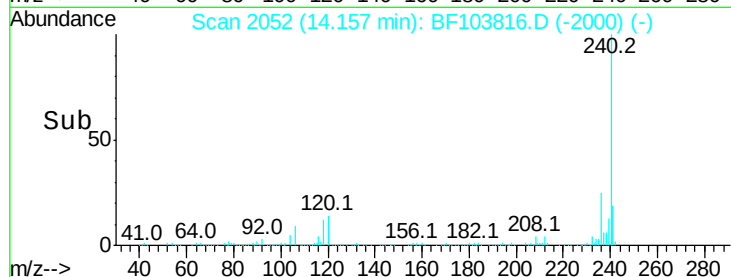
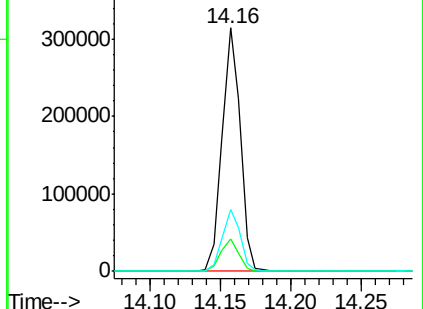
236 25.4 20.7 31.1



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: 67.651 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103816.D

Acq: 20 Mar 2018 21:29

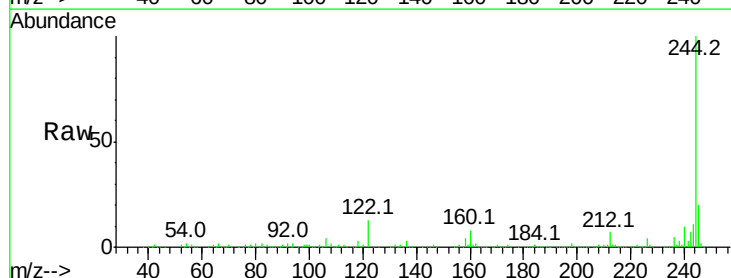
Tgt Ion:244 Resp: 824161

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

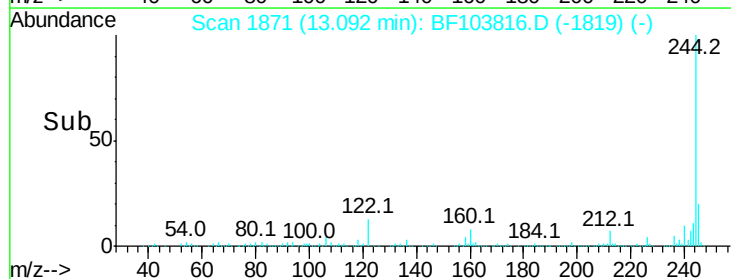
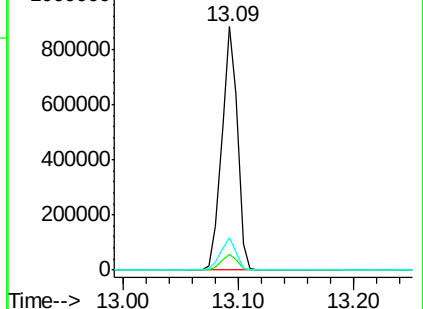
122 13.5 11.0 16.4

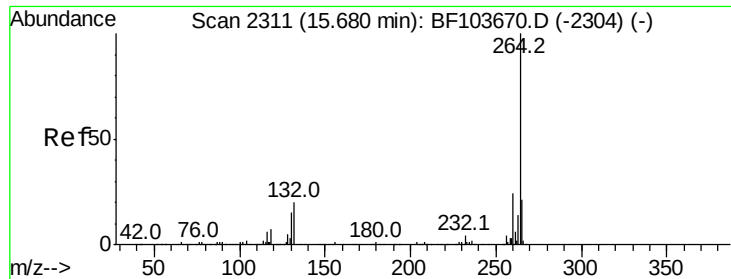


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

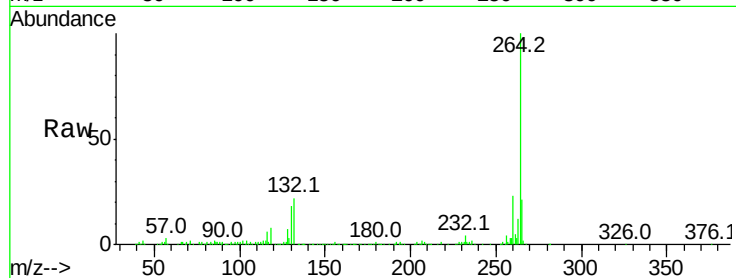




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103816.D
 Acq: 20 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

