

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103906.D
 Acq On : 24 Mar 2018 3:33
 Operator : JU/SJ
 Sample : J2014-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 05:15:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130287	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	505617	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	211502	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	331403	20.00	ng	0.00
75) Chrysene-d12	14.16	240	254680	20.00	ng	0.00
86) Perylene-d12	15.71	264	194378	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	347772	40.60	ng	0.00
7) Phenol-d6	6.59	99	285865	27.28	ng	-0.01
23) Nitrobenzene-d5	7.54	82	749839	103.42	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	178706	98.27	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1313917	99.10	ng	0.00
78) Terphenyl-d14	13.10	244	1024945	93.41	ng	0.00

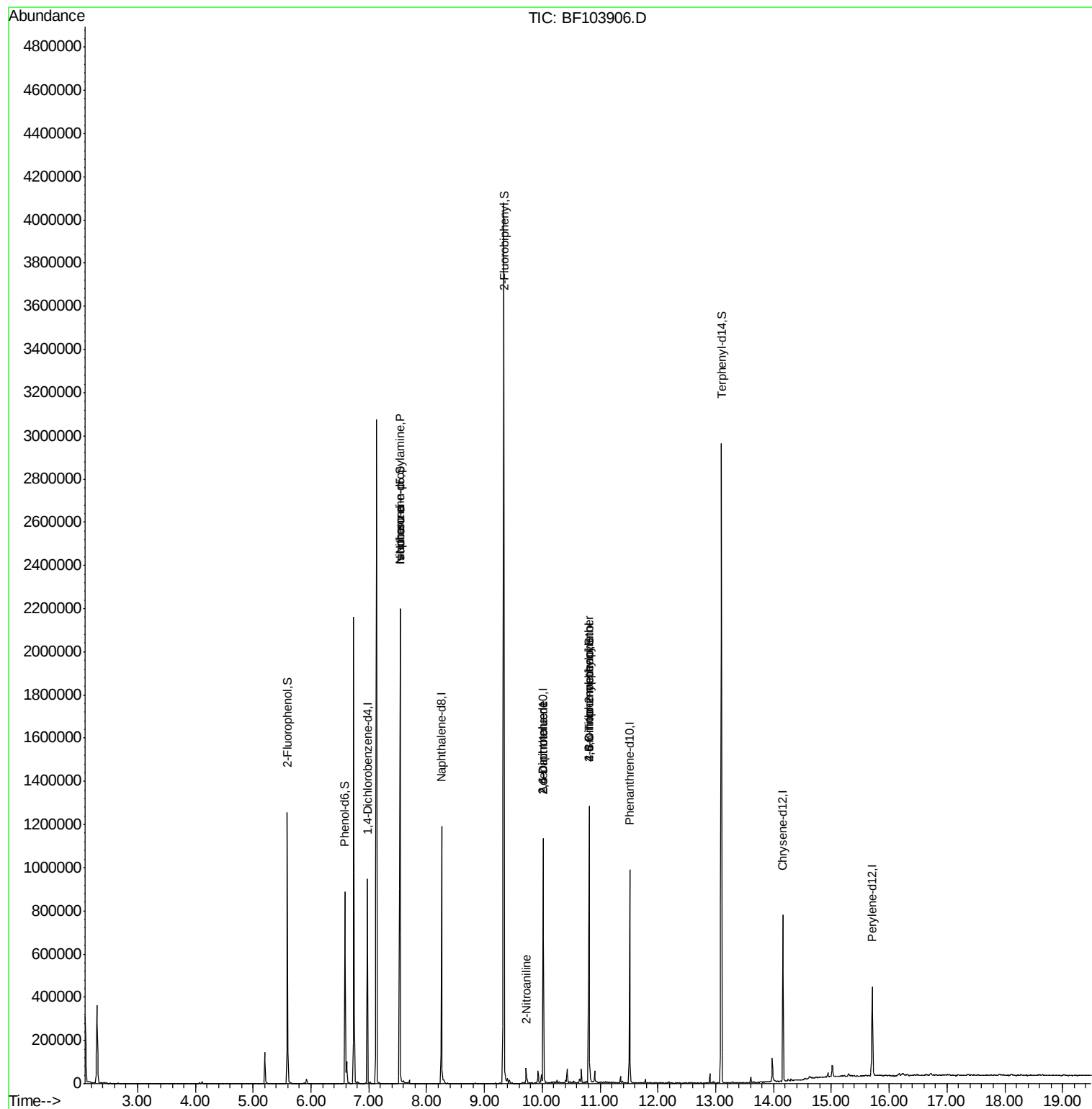
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	97363	14.497	ng	# 73
25) Isophorone	7.54	82	749833	44.675	ng	# 64
47) 2-Nitroaniline	9.72	65	177	6.856	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	26574	11.790	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	26574	12.063	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	291	8.379	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	10947	3.217	ng	# 1

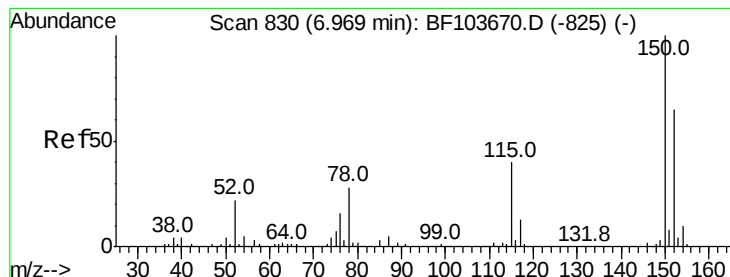
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
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ALS Vial : 39 Sample Multiplier: 1

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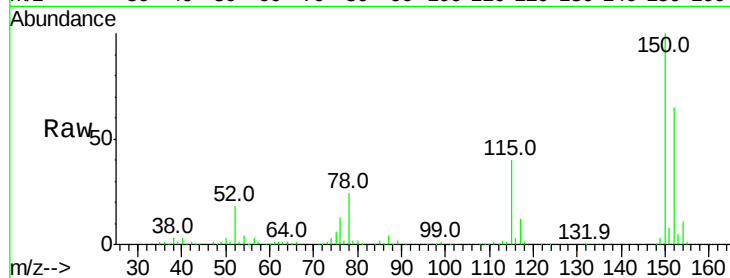


#1

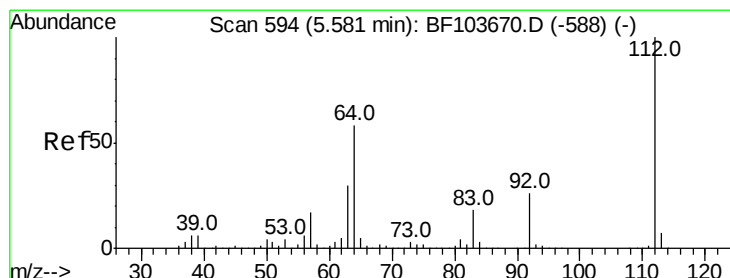
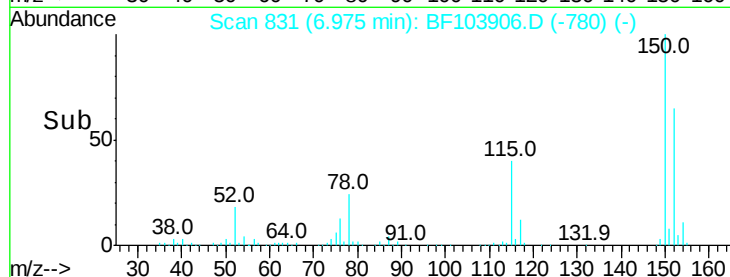
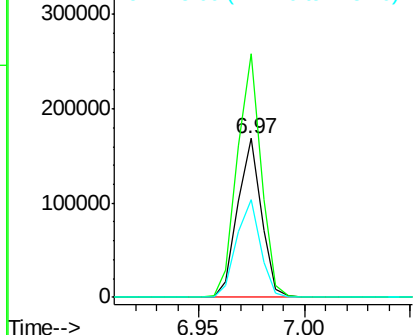
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130287
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 61.9 50.1 75.1



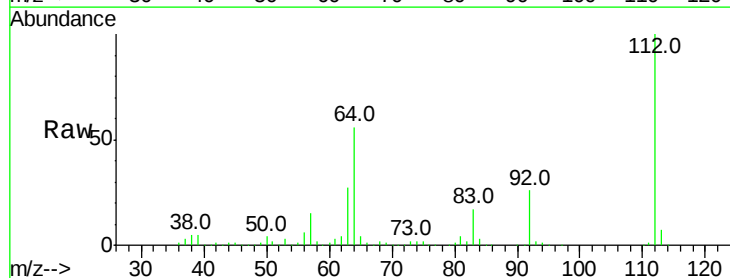
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



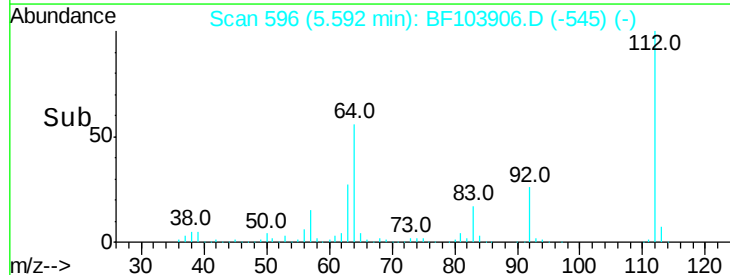
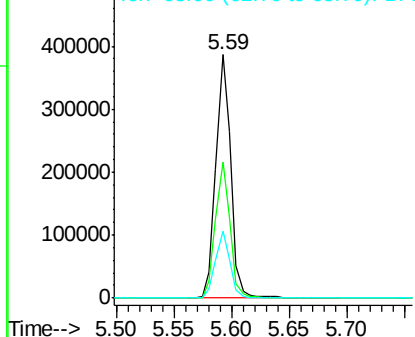
#5

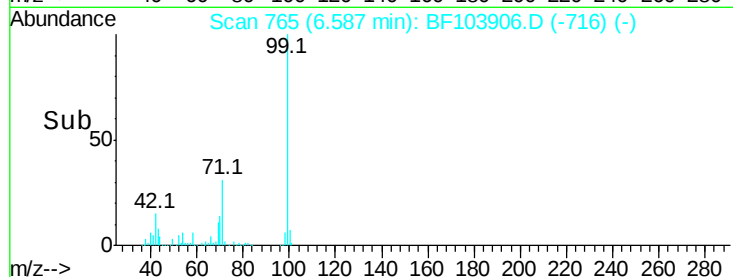
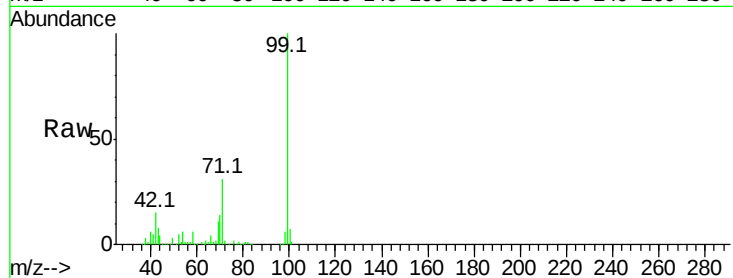
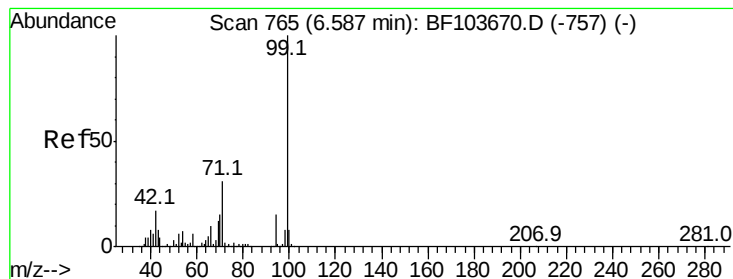
2-Fluorophenol
Concen: 40.600 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:112 Resp: 347772
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 27.4 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: 27.278 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

Instrument :

BNA_F

ClientSampleId :

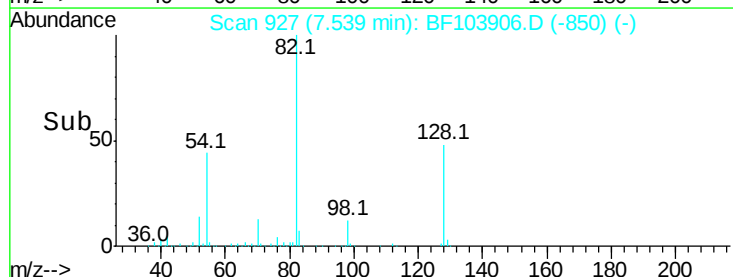
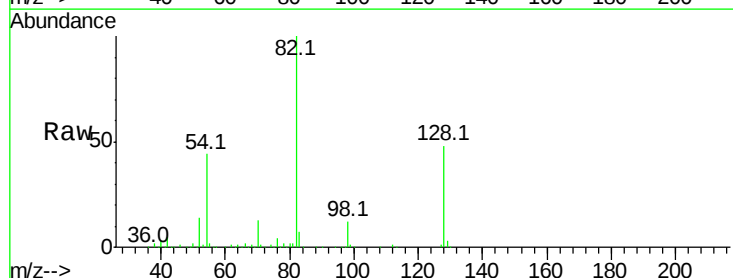
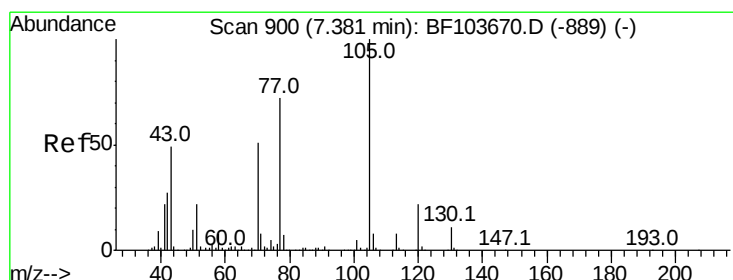
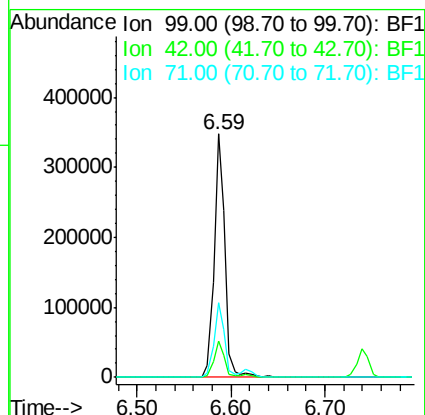
Tot Ion: 99 Resp: 285865

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 30.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.497 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

Tgt Ion: 70 Resp: 97363

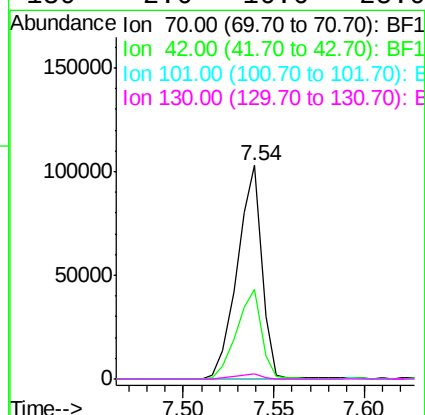
Ion Ratio Lower Upper

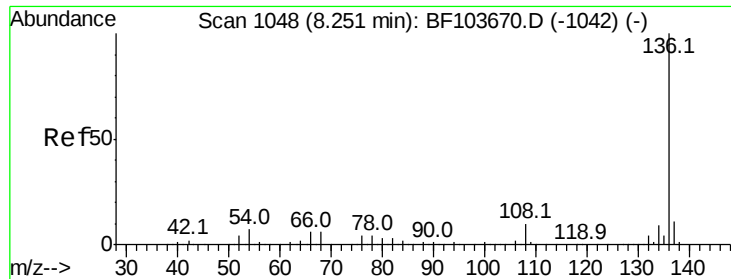
70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

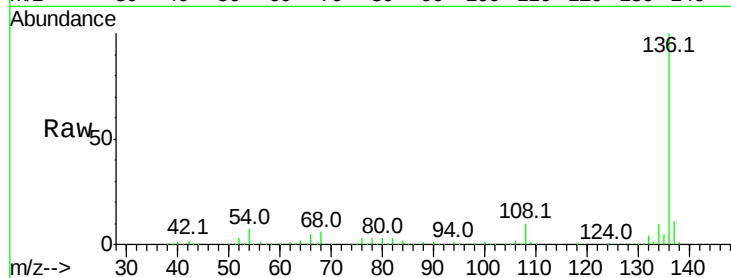




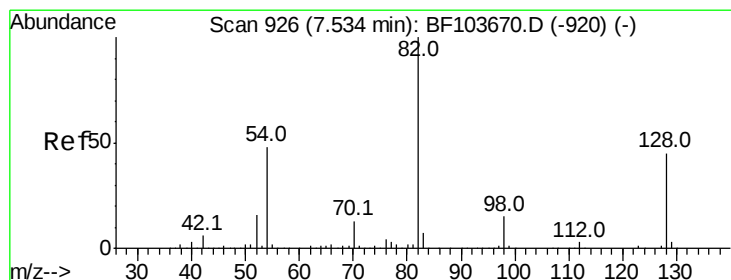
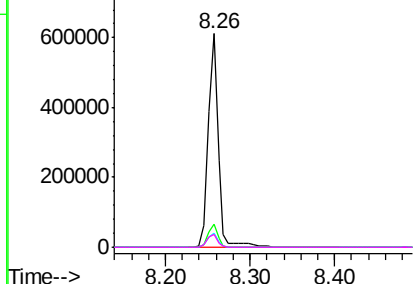
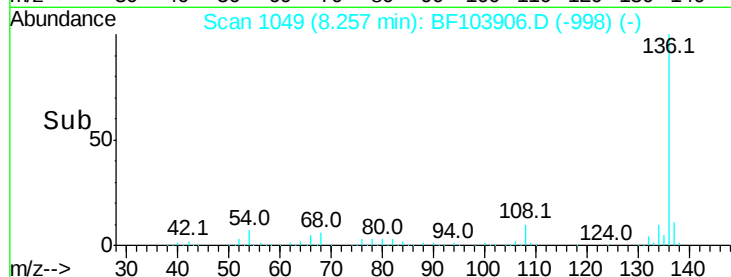
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	505617
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	6.0	5.0	7.4

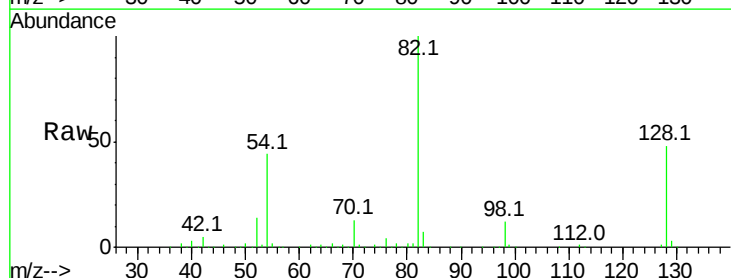


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

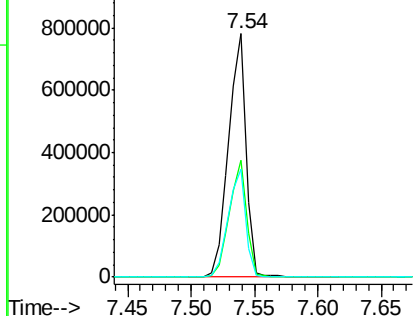
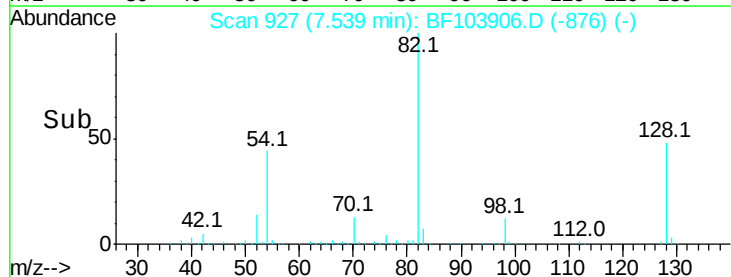


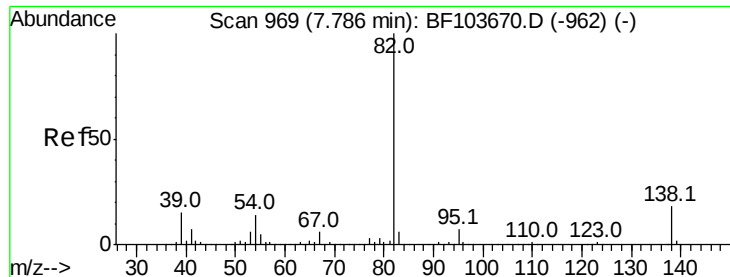
#23
Nitrobenzene-d5
Concen: 103.420 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:	82	Resp:	749839
Ion	Ratio	Lower	Upper
82	100		
128	47.9	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.675 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103906.D

Acq: 24 Mar 2018 3:33

Instrument :

BNA_F

ClientSampleId :

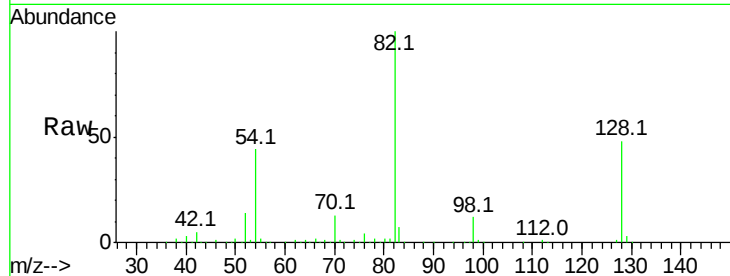
Tot Ion: 82 Resp: 749833

Ion Ratio Lower Upper

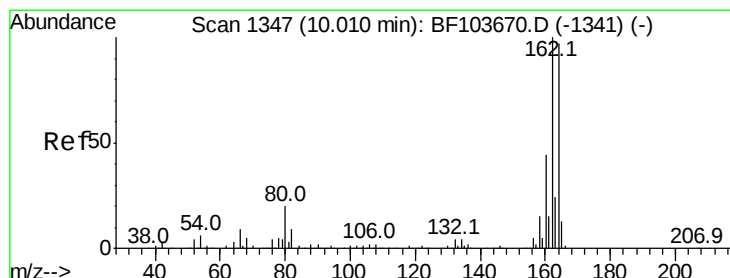
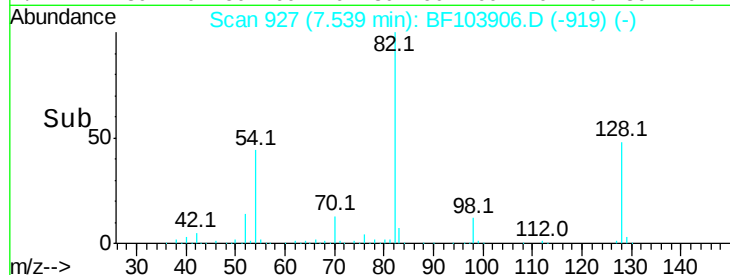
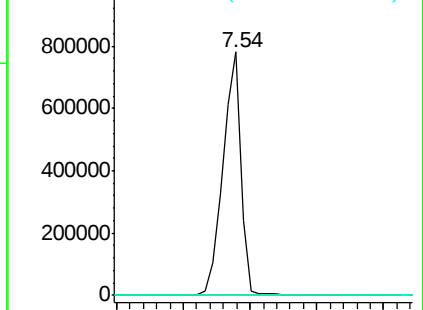
82 100

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: BF103906.D

Acq: 24 Mar 2018 3:33

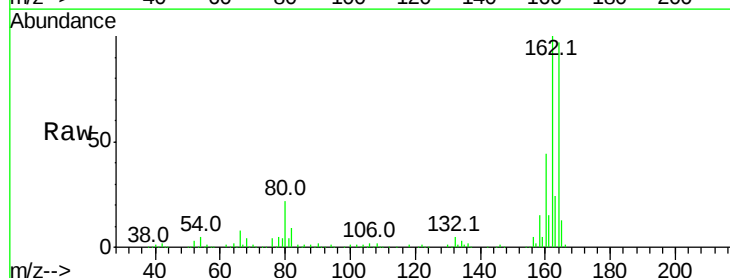
Tgt Ion:164 Resp: 211502

Ion Ratio Lower Upper

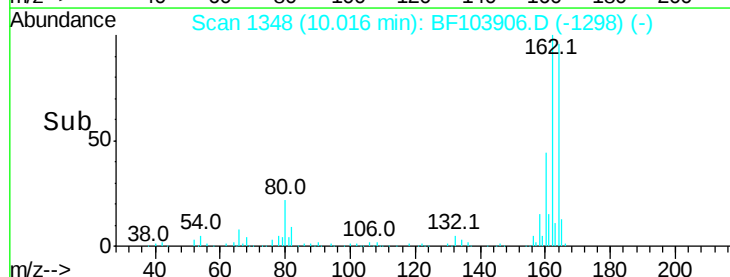
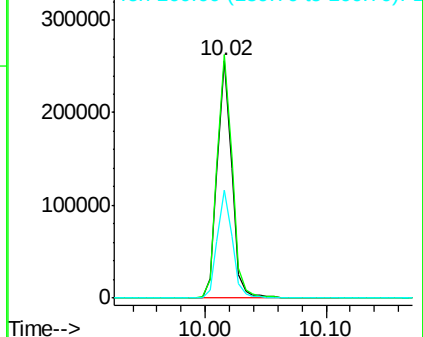
164 100

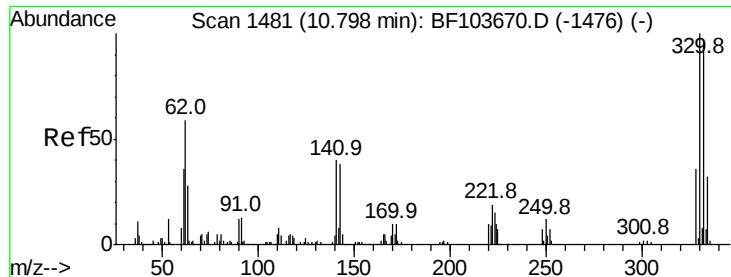
162 102.6 86.1 129.1

160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

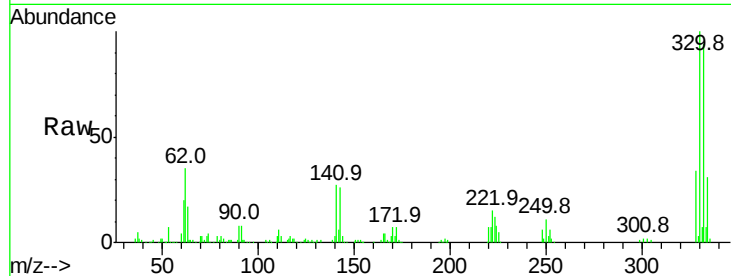




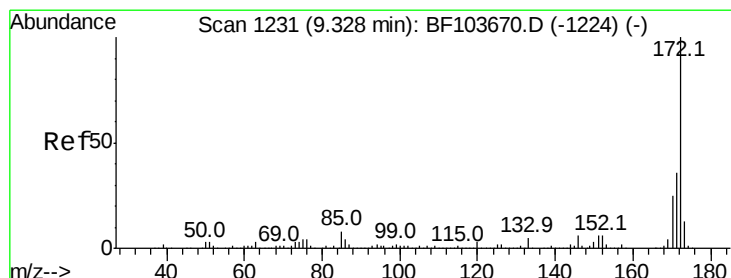
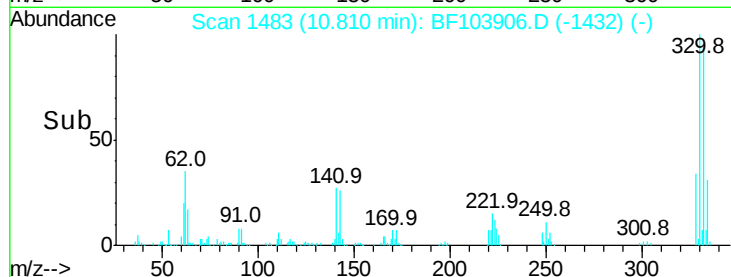
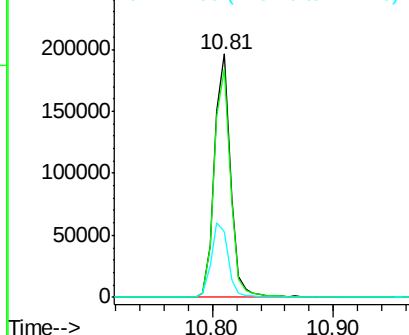
#41
 2,4,6-Tribromophenol
 Concen: 98.271 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 178706
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.7 29.9 44.9

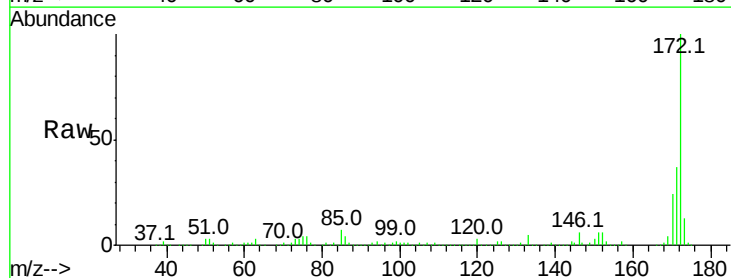


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

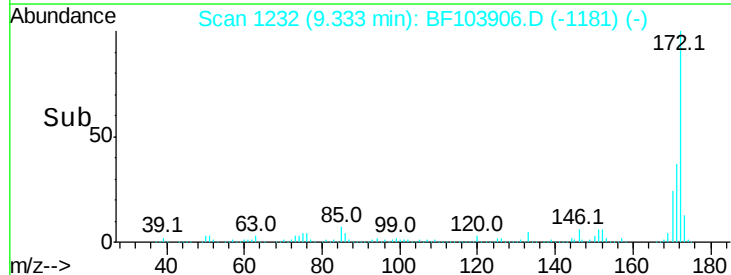
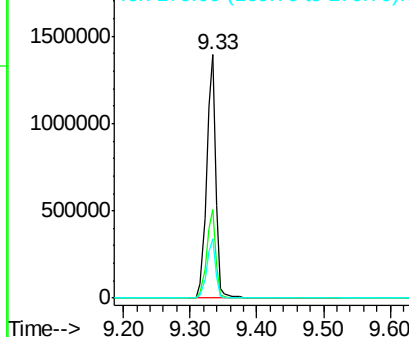


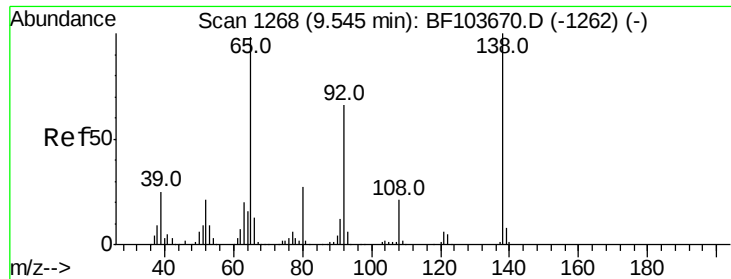
#44
 2-Fluorobiphenyl
 Concen: 99.096 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Tgt Ion:172 Resp: 1313917
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

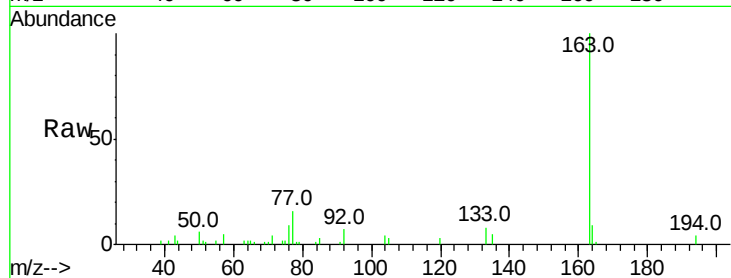




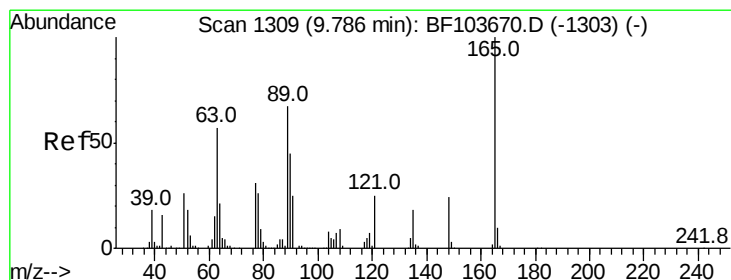
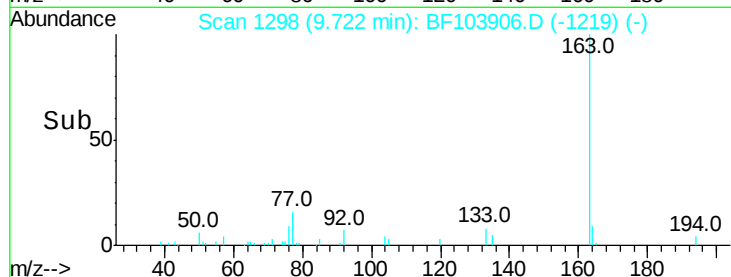
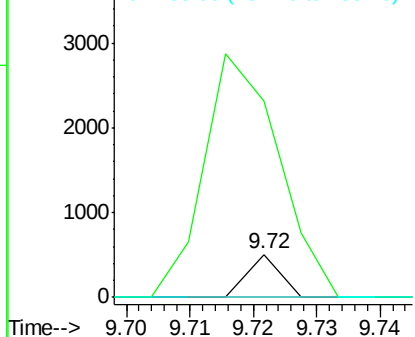
#47
2-Nitroaniline
Concen: 6.856 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 177
Ion Ratio Lower Upper
65 100
92 459.2 55.8 83.6#
138 0.0 91.2 136.8#

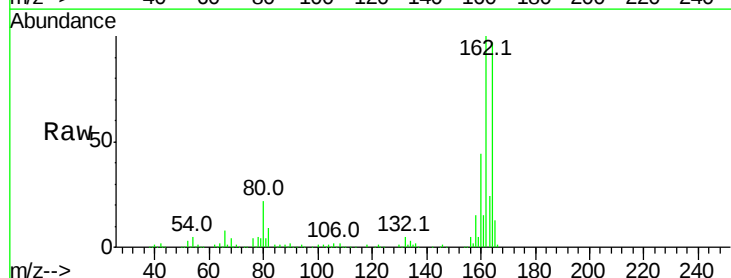


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

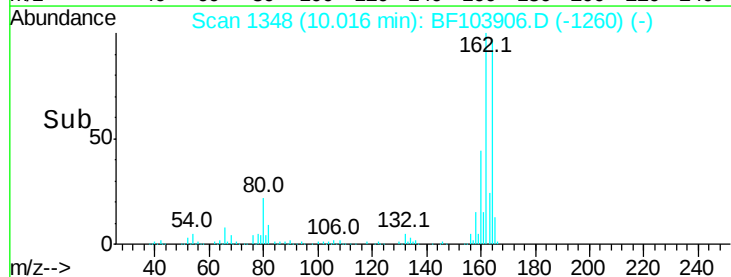
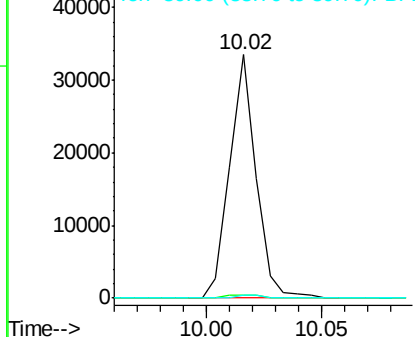


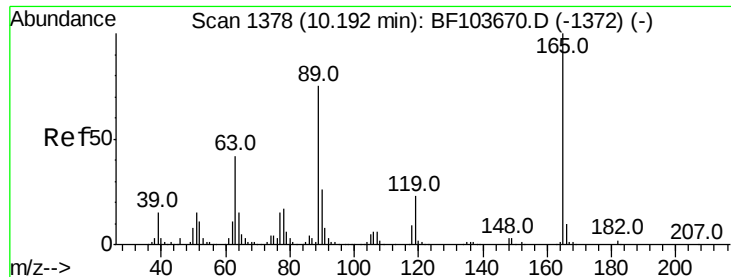
#50
2,6-Dinitrotoluene
Concen: 11.790 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:165 Resp: 26574
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.1 44.0 66.0#



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

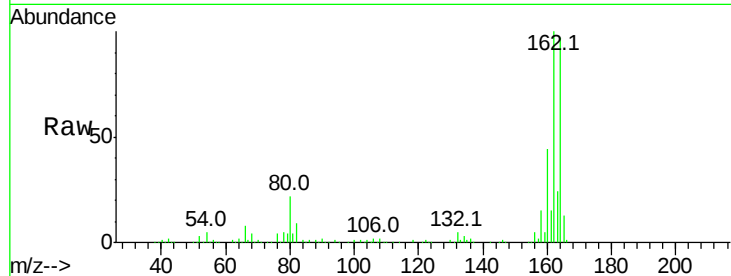




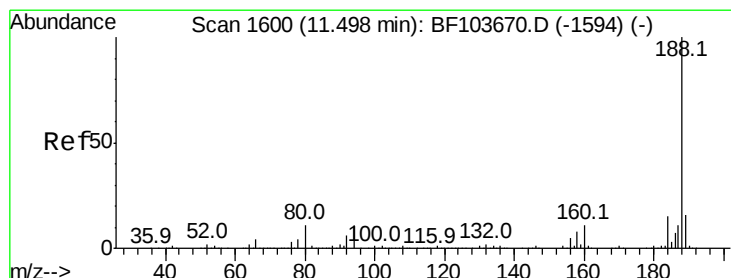
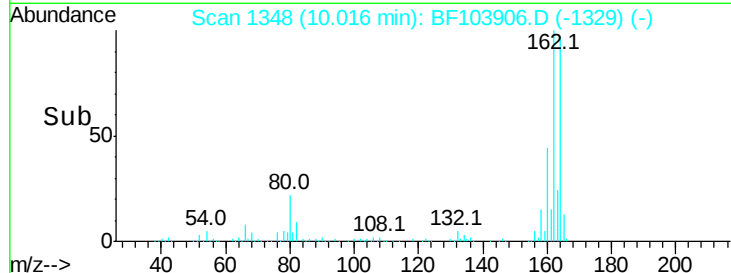
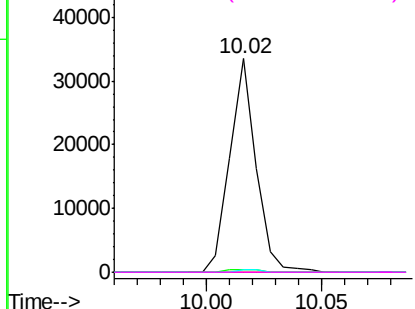
#56
 2,4-Dinitrotoluene
 Concen: 12.063 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 26574
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.1 57.8 86.6#
 182 0.0 1.6 2.4#

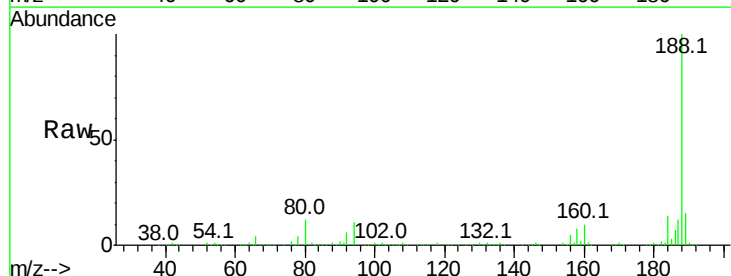


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

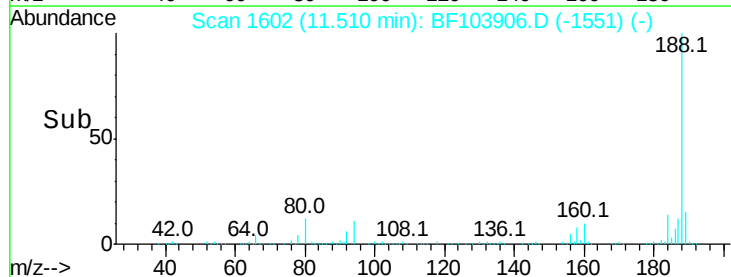
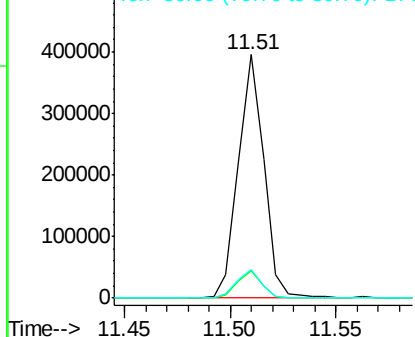


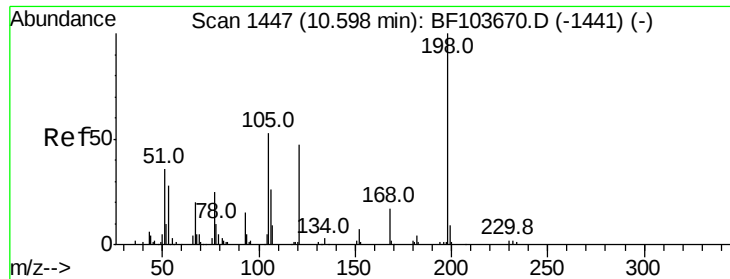
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Tgt Ion:188 Resp: 331403
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.6 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

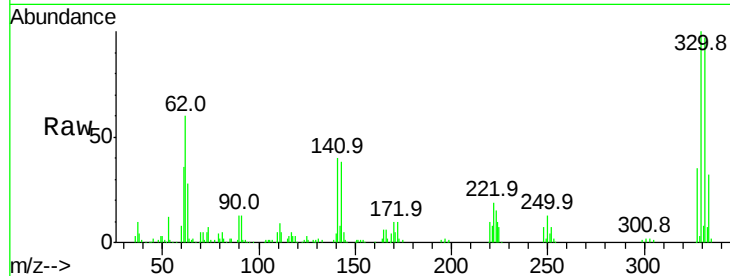




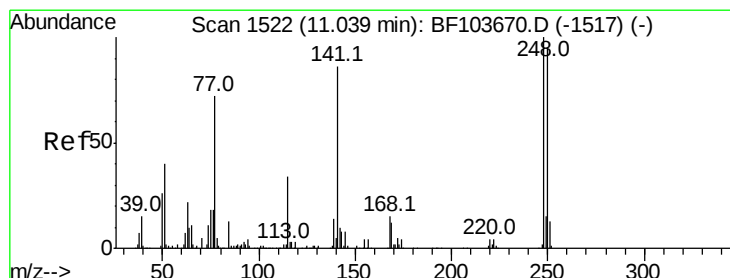
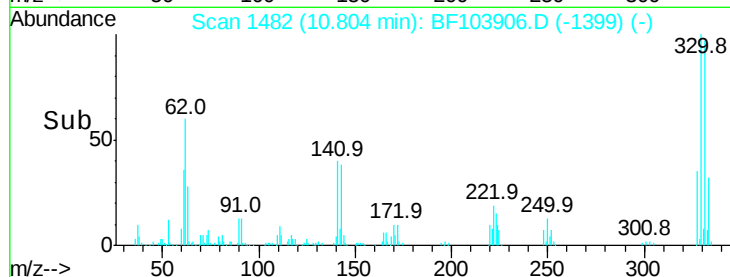
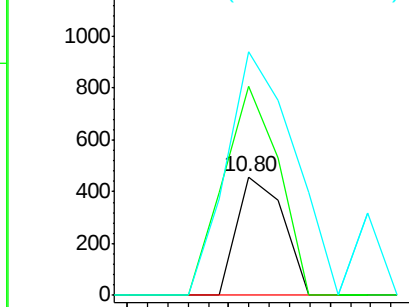
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.379 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 291
 Ion Ratio Lower Upper
 198 100
 51 176.2 37.7 77.7#
 105 205.2 36.3 76.3#

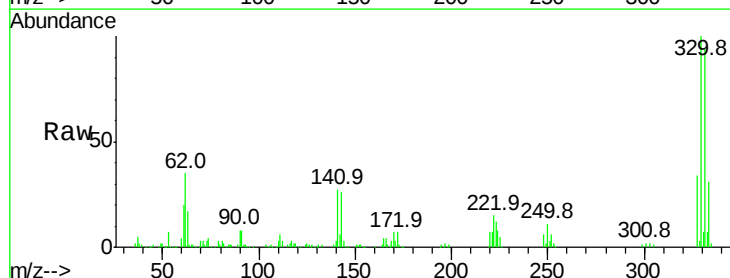


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

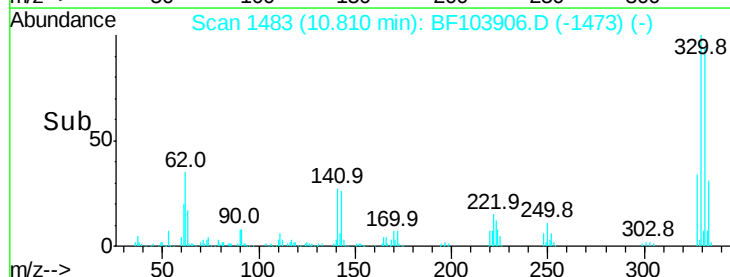
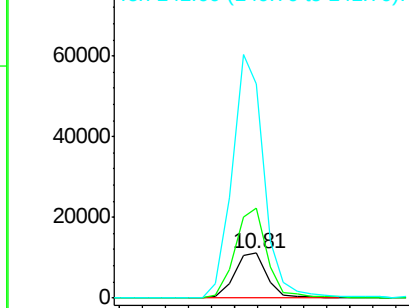


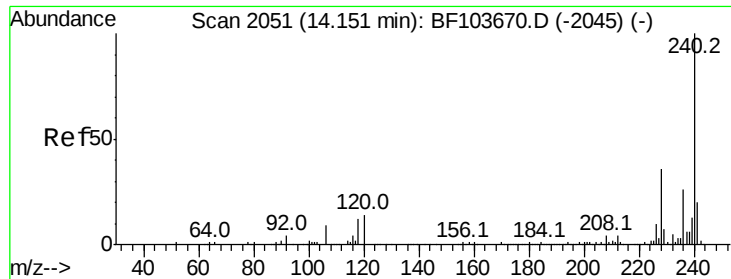
#66
 4-Bromophenyl-phenylether
 Concen: 3.217 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Tgt Ion:248 Resp: 10947
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.9 115.3#
 141 479.1 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

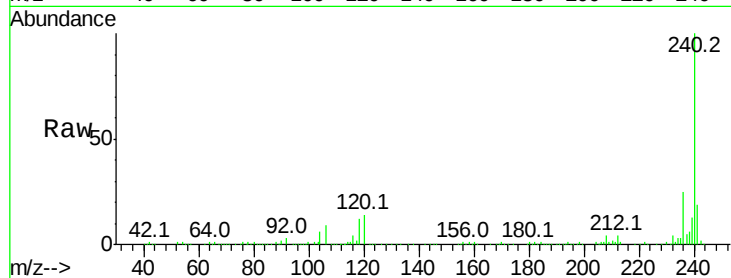




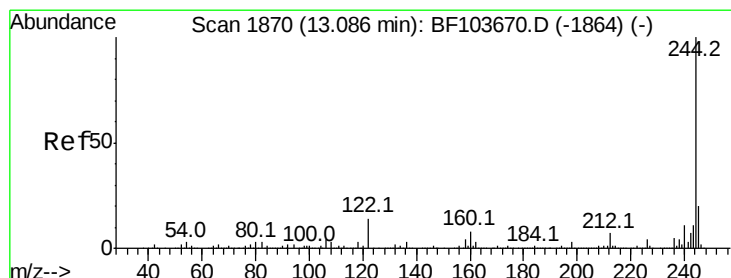
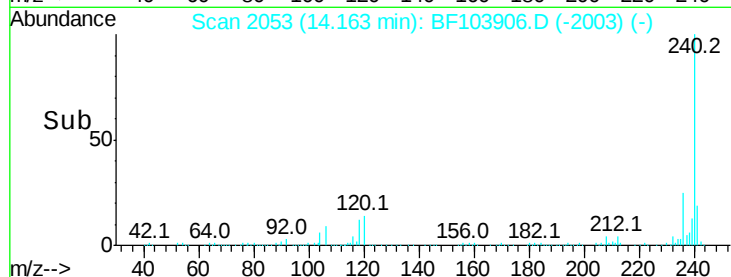
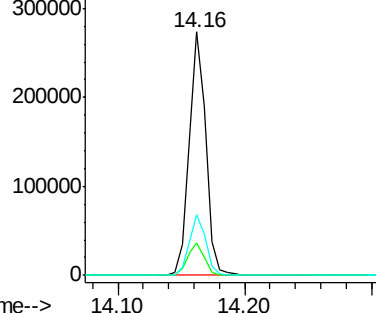
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 254680
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 24.9 20.7 31.1

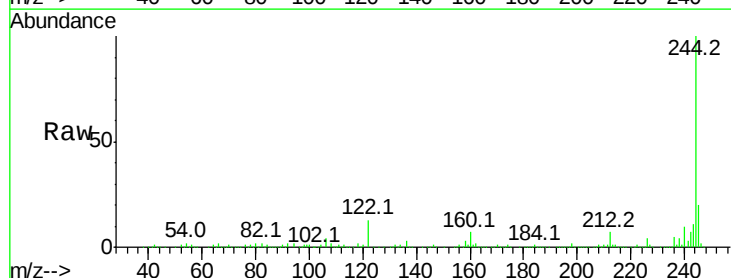


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

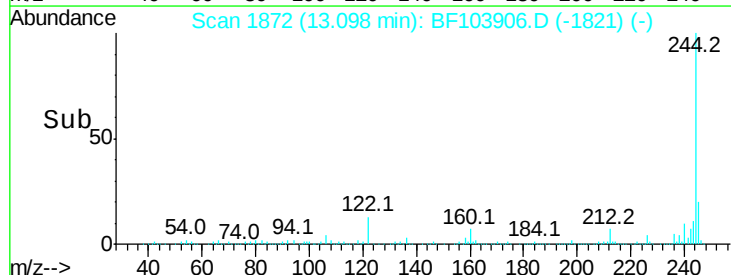
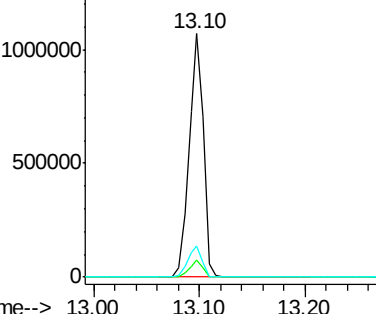


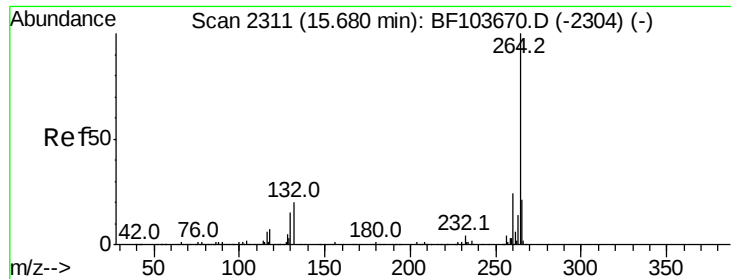
#78
Terphenyl-d14
Concen: 93.413 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103906.D
Acq: 24 Mar 2018 3:33

Tgt Ion:244 Resp: 1024945
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.9 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

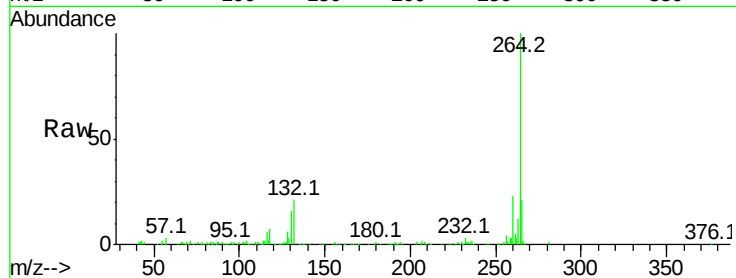




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103906.D
 Acq: 24 Mar 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	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

