

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104260.D
 Acq On : 5 Apr 2018 7:37
 Operator : JU/SJ
 Sample : J2179-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 08:17:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

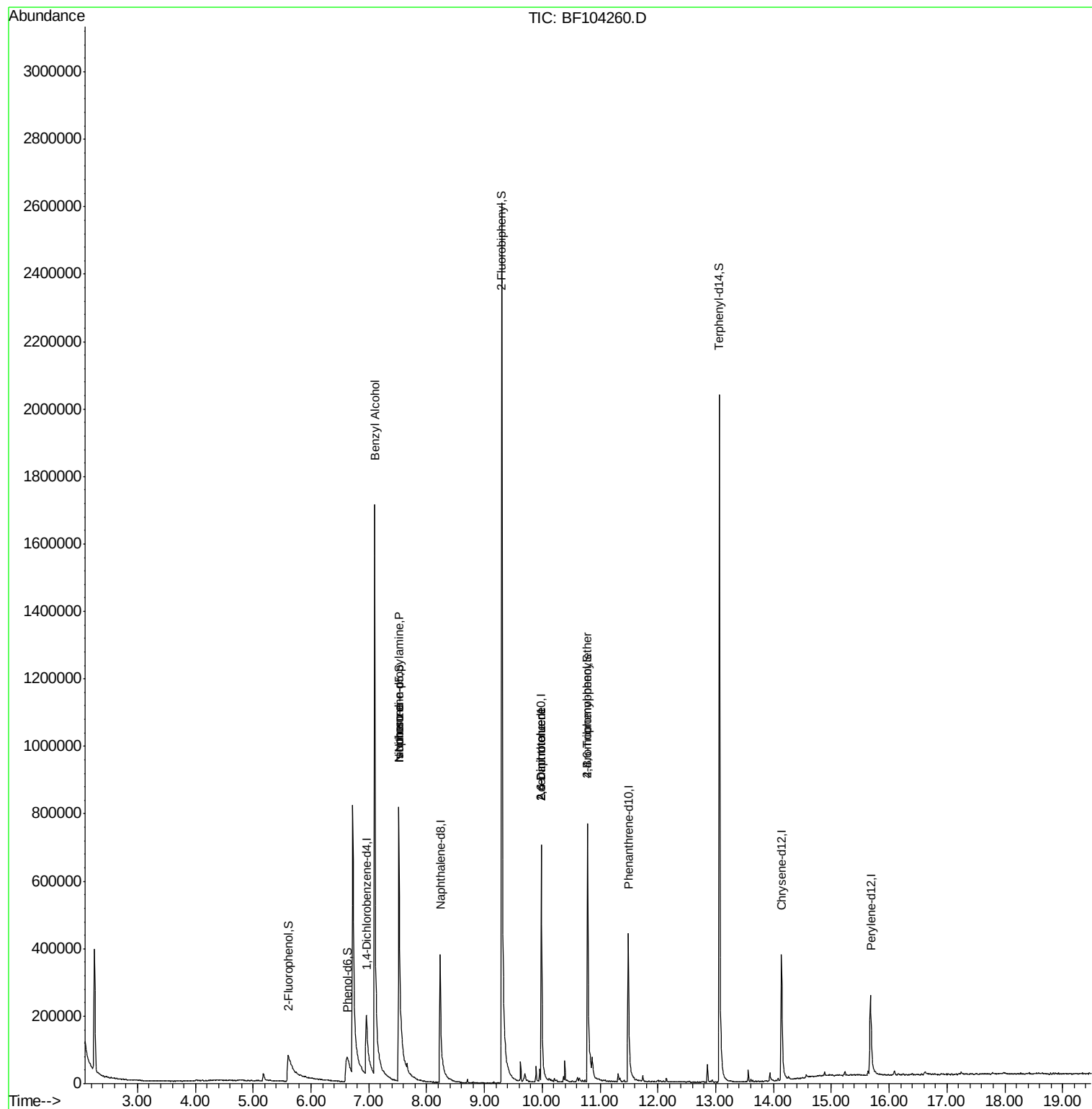
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	98410	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	452514	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	199408	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	311149	20.00	ng	0.00
75) Chrysene-d12	14.14	240	218322	20.00	ng	0.00
86) Perylene-d12	15.68	264	188775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	198126	32.11	ng	0.01
7) Phenol-d6	6.63	99	193598	25.50	ng	0.02
23) Nitrobenzene-d5	7.52	82	710568	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	183324	82.56	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1379860	109.12	ng	0.00
78) Terphenyl-d14	13.06	244	954807	100.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	11178	2.264	ng	# 36
19) n-Nitroso-di-n-propylamine	7.52	70	80025	17.761	ng	# 72
25) Isophorone	7.52	82	710568	52.108	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	23767	7.017	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	24412	5.648	ng	# 23
66) 4-Bromophenyl-phenylether	10.78	248	10122	3.041	ng	# 1

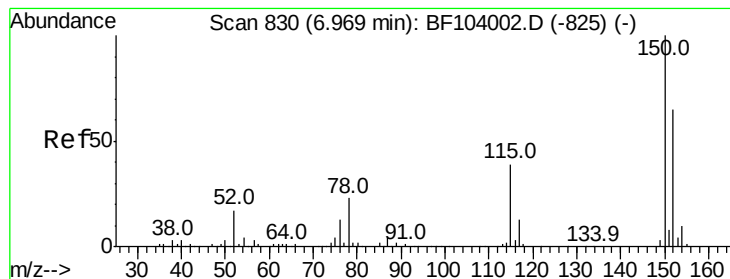
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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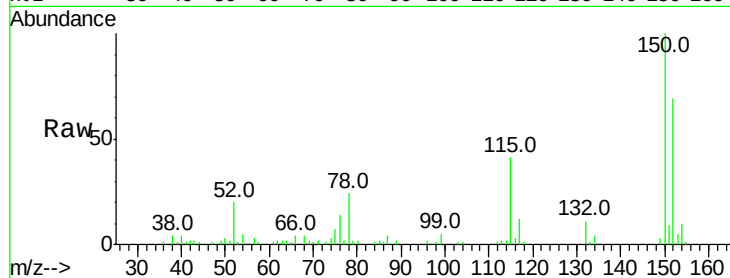


#1

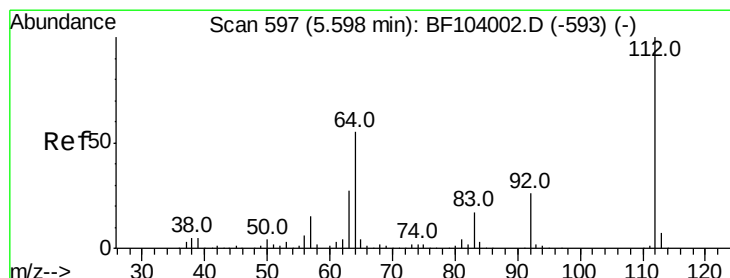
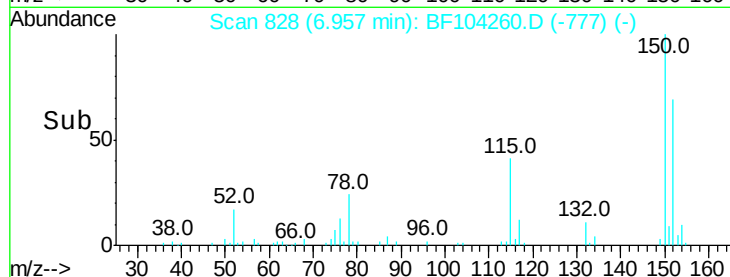
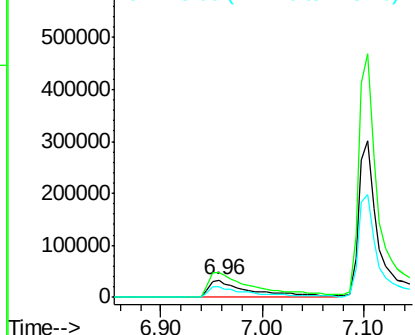
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98410
Ion Ratio Lower Upper
152 100
150 144.7 124.6 186.8
115 58.7 50.1 75.1



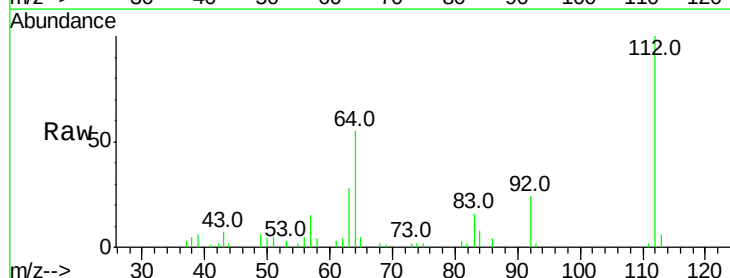
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



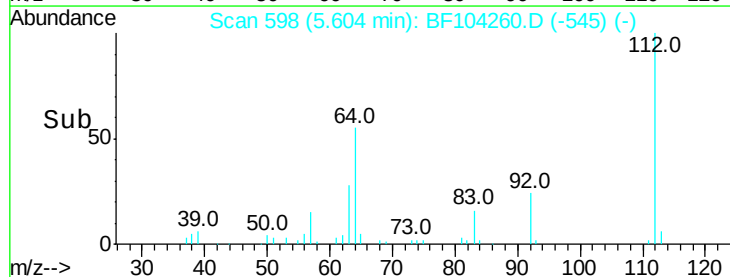
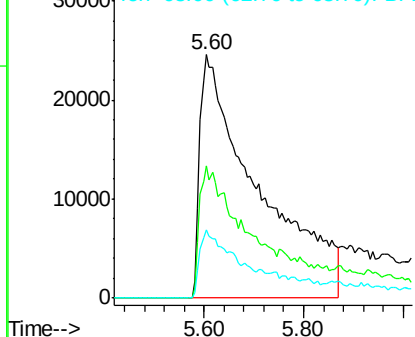
#5

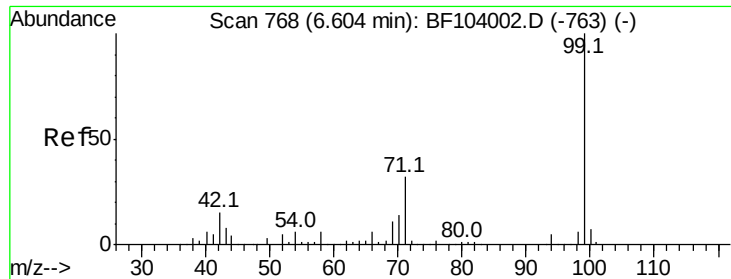
2-Fluorophenol
Concen: 32.107 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

Tgt Ion:112 Resp: 198126
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.9 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: 25.500 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

Instrument :

BNA_F

ClientSampleId :

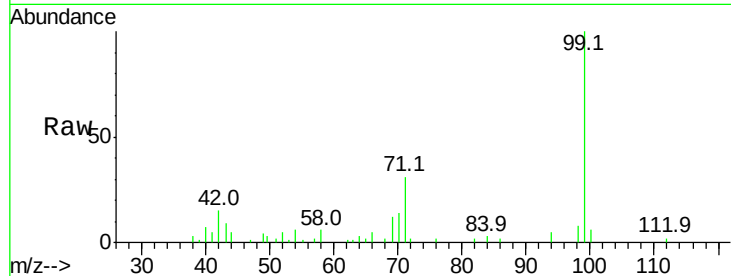
Tot Ion: 99 Resp: 193598

Ion Ratio Lower Upper

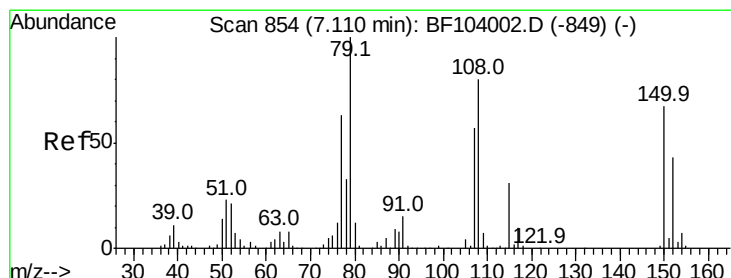
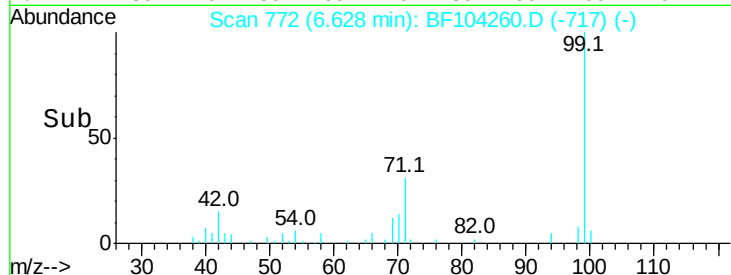
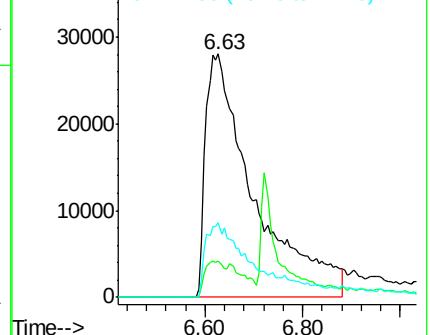
99 100

42 14.7 14.5 21.7

71 30.8 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



#15

Benzyl Alcohol

Concen: 2.264 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

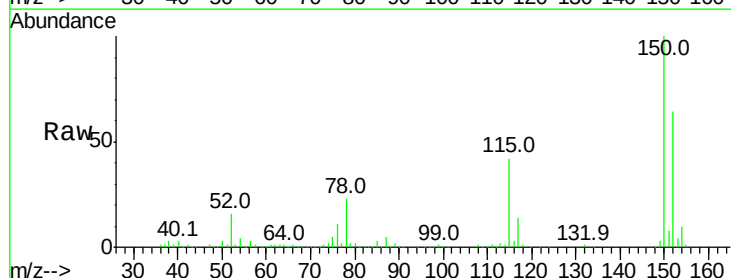
Tgt Ion: 79 Resp: 11178

Ion Ratio Lower Upper

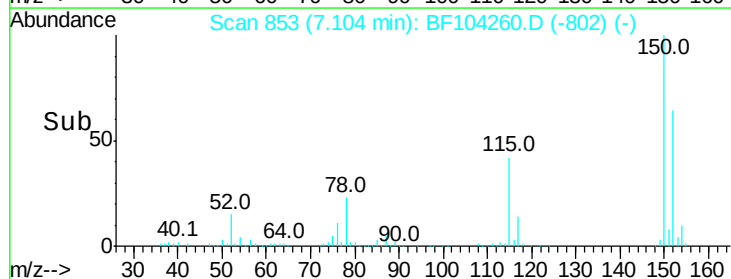
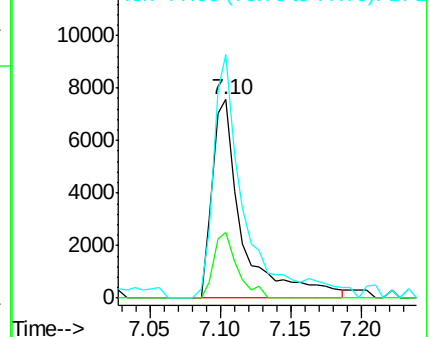
79 100

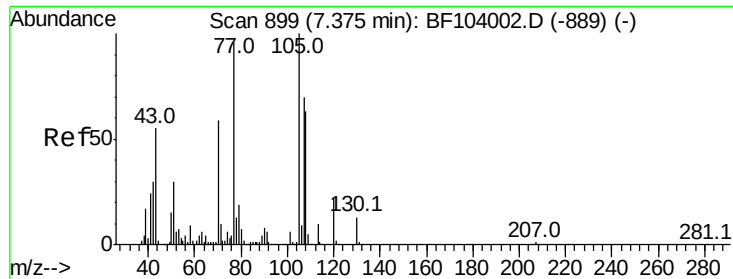
108 33.1 65.1 97.7#

77 122.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

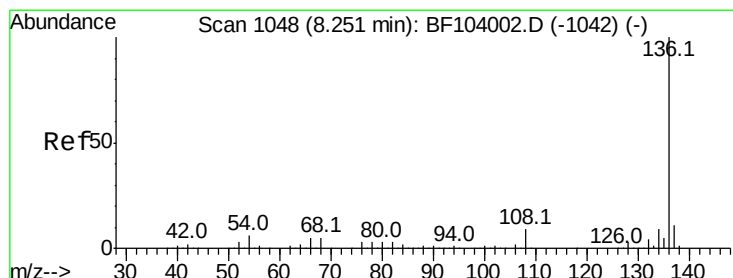
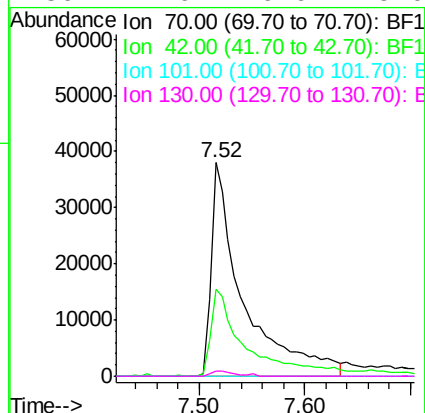
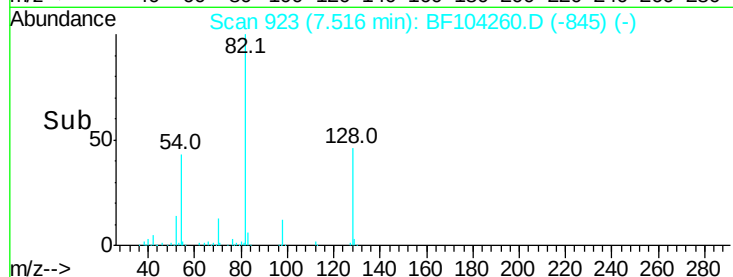
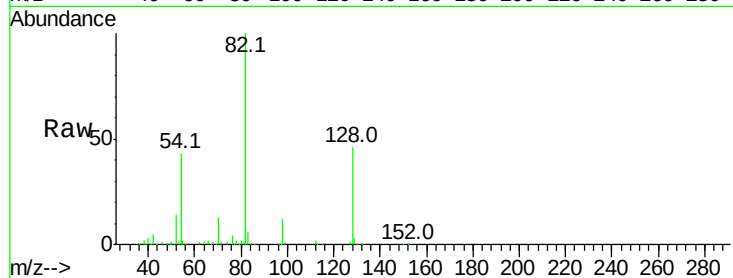




#19
n-Nitroso-di-n-propylamine
Concen: 17.761 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

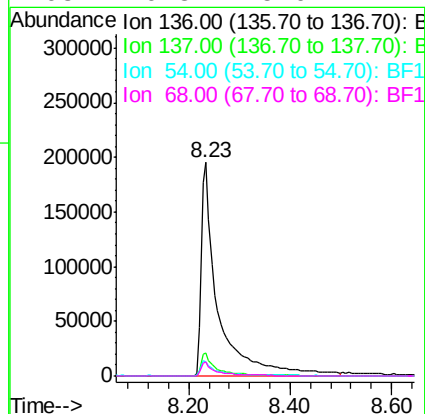
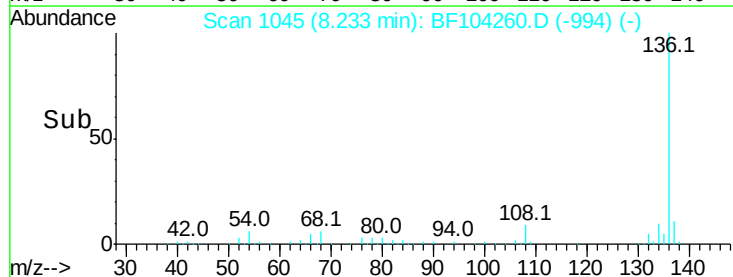
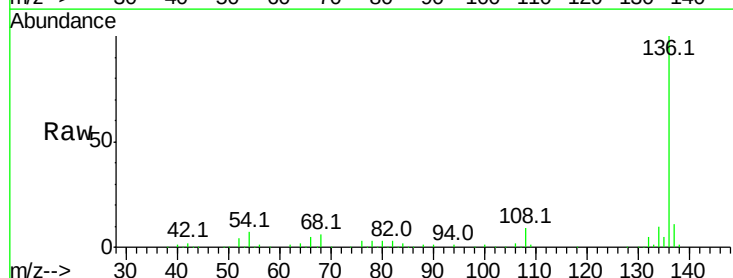
Instrument :
BNA_F
ClientSampled :

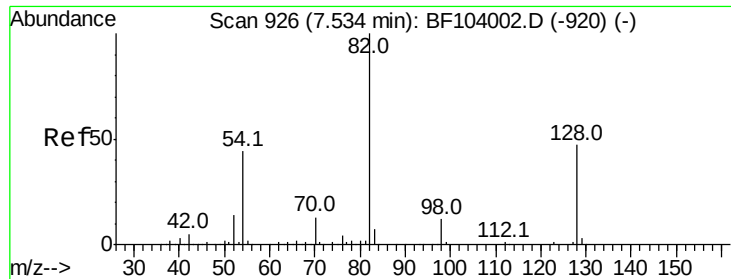
Tot Ion: 70 Resp: 80025
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

Tgt Ion: 136 Resp: 452514
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 6.6 9.8
68 6.3 5.0 7.4

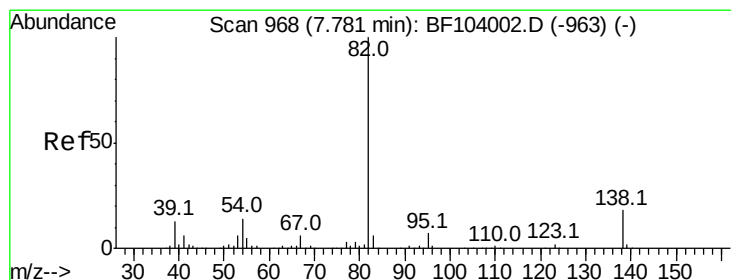
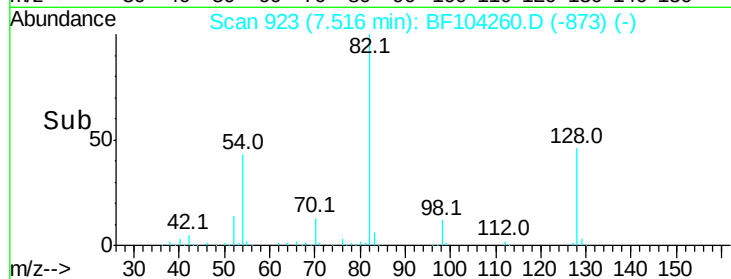
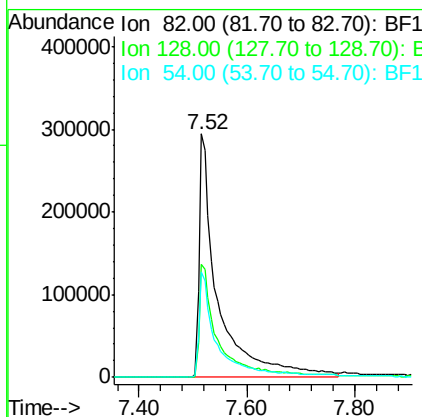
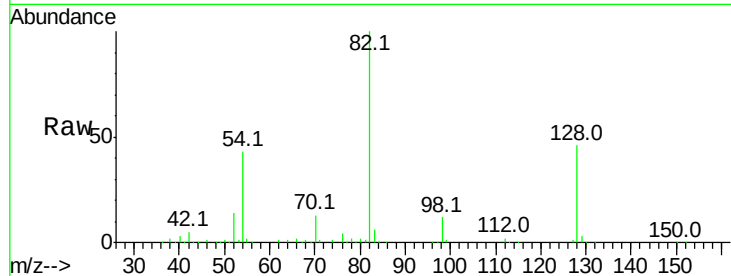




#23
 Nitrobenzene-d5
 Concen: 96.031 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

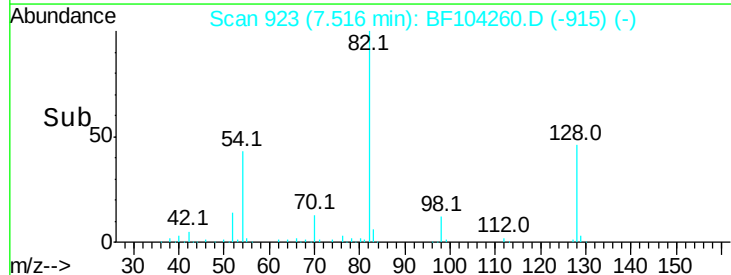
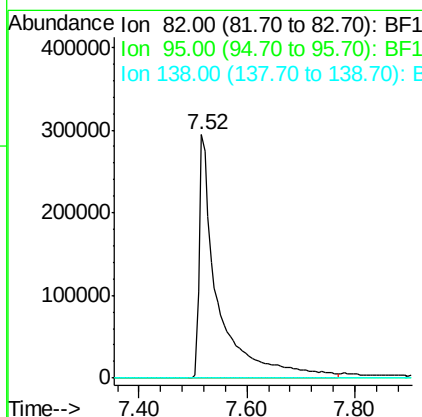
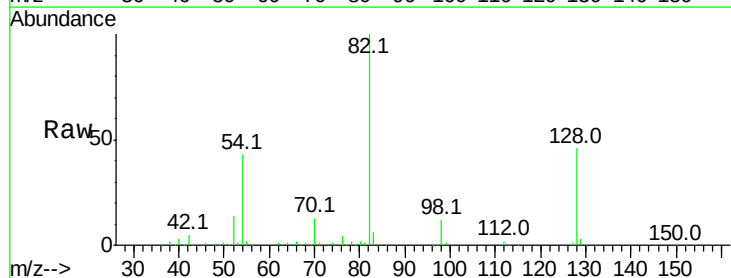
Instrument :
 BNA_F
 ClientSampleId :

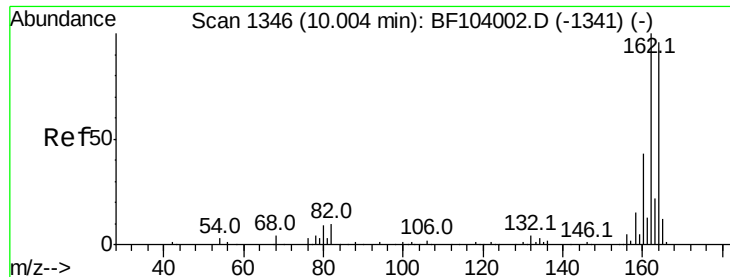
Tot Ion	82	Resp	710568
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	43.1	41.4	62.2



#25
 Isophorone
 Concen: 52.108 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion	82	Resp	710568
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

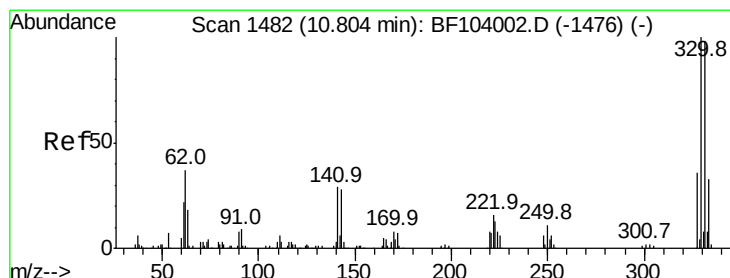
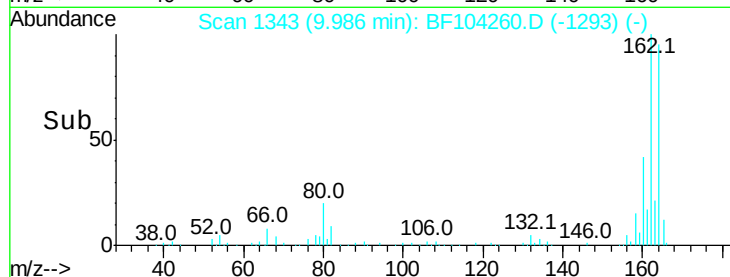
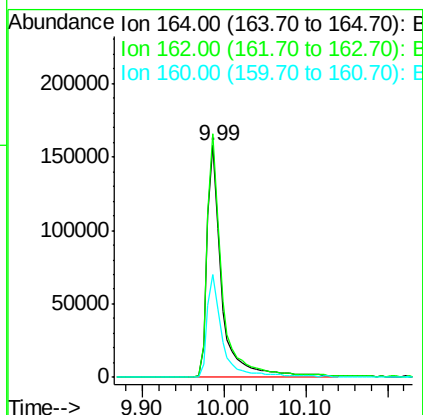
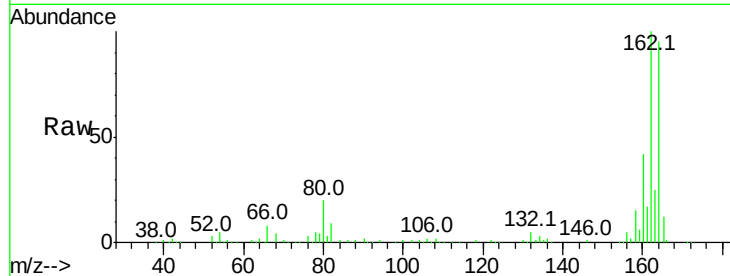




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

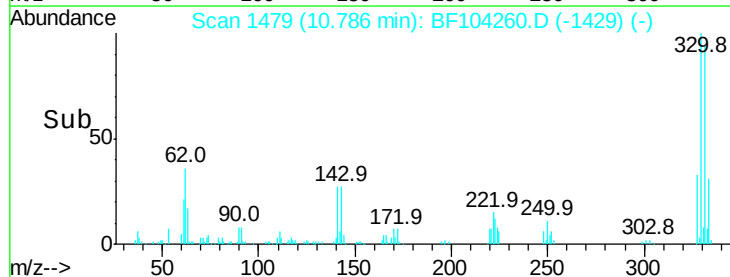
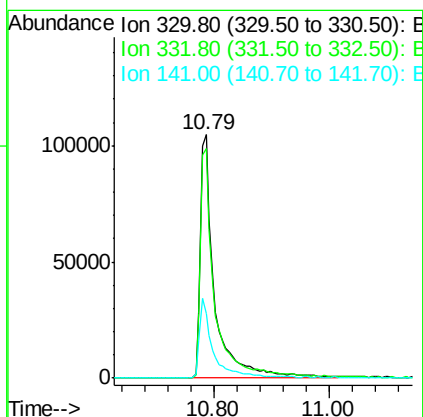
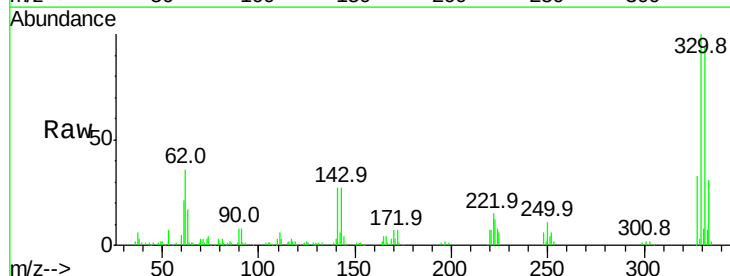
Instrument :
 BNA_F
 ClientSampleId :

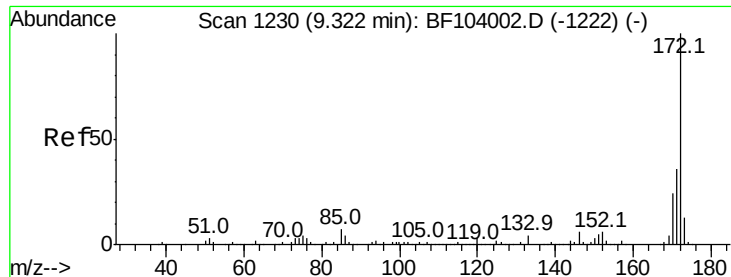
Tot Ion:164 Resp: 199408
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.563 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion:330 Resp: 183324
 Ion Ratio Lower Upper
 330 100
 332 92.1 77.0 115.6
 141 31.5 29.9 44.9



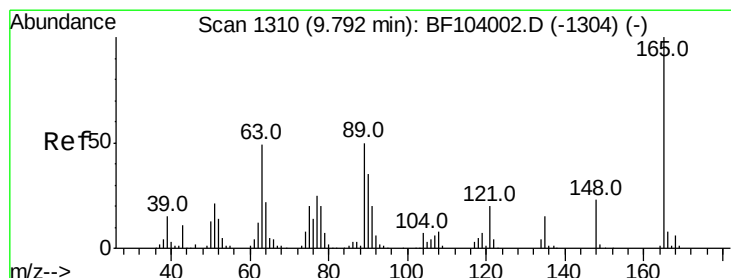
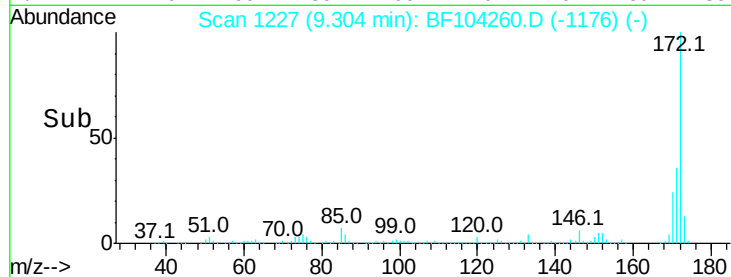
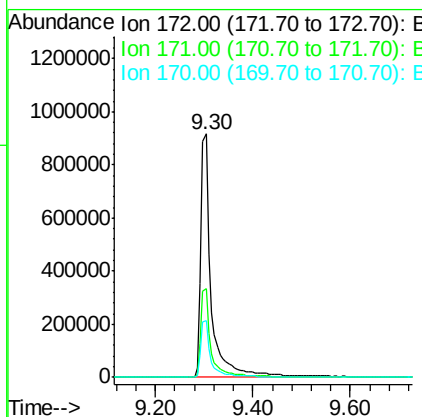
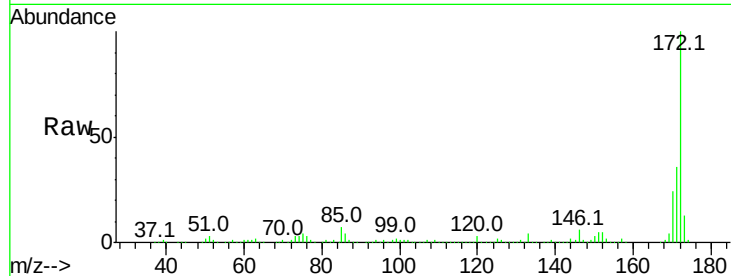


#44
 2-Fluorobiphenyl
 Concen: 109.119 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1379860

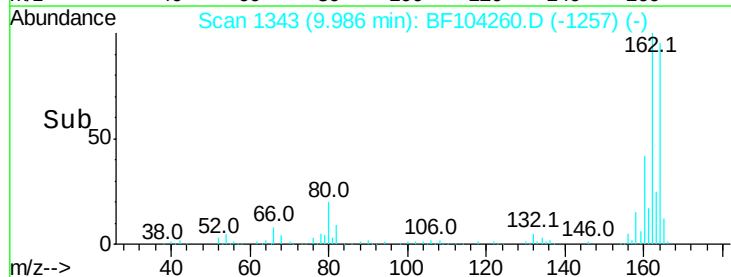
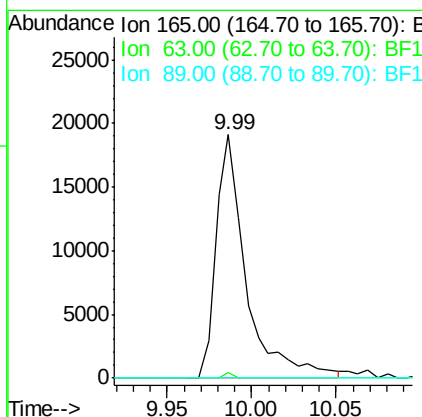
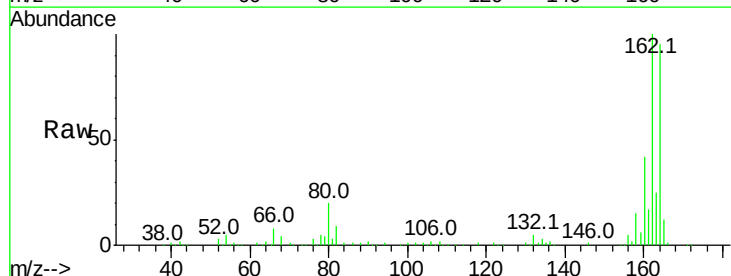
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

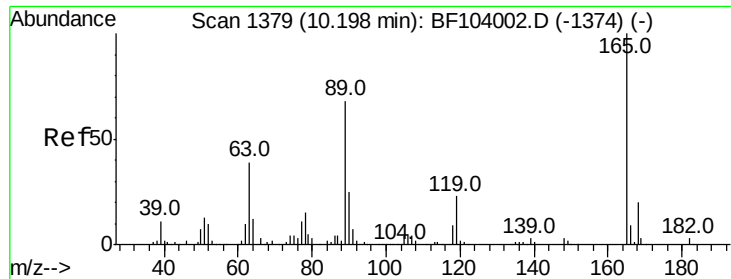


#50
 2,6-Dinitrotoluene
 Concen: 7.017 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion:165 Resp: 23767

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	0.0	44.0	66.0#

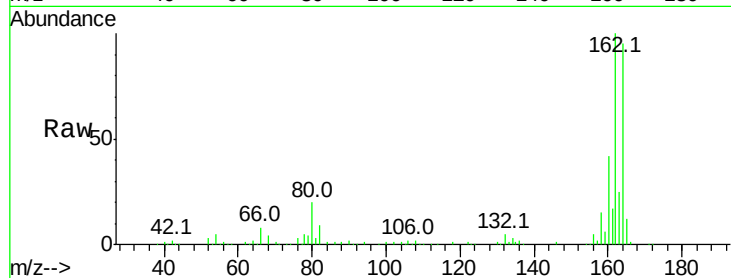




#56
 2,4-Dinitrotoluene
 Concen: 5.648 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24412
Ion Ratio	Lower	Upper
165	100	
63	2.3	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

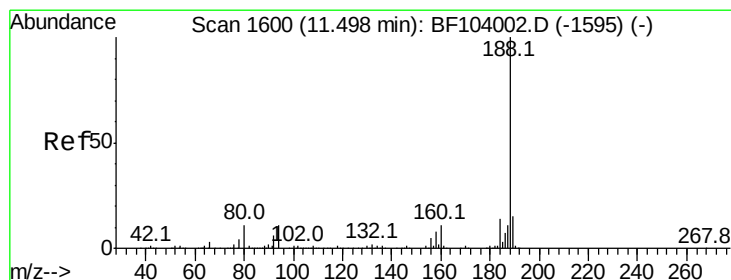
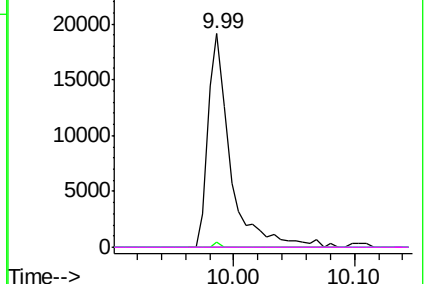
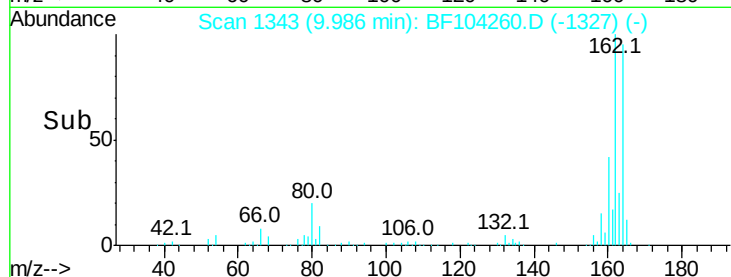


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

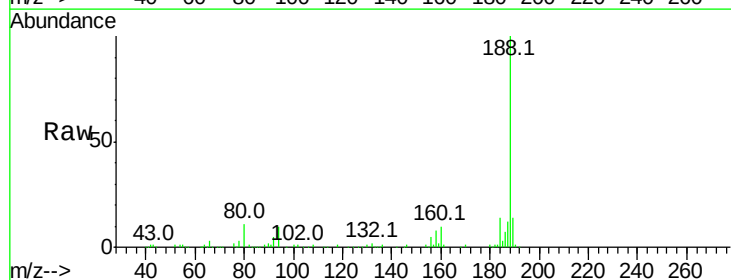
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

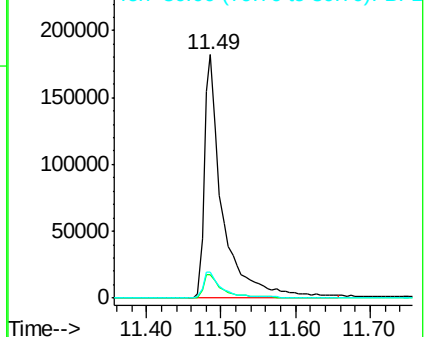
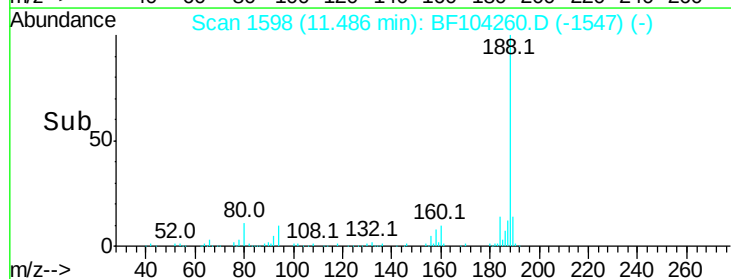
Tgt Ion:188	Resp:	311149
Ion Ratio	Lower	Upper
188	100	
94	9.6	8.5 12.7
80	10.7	9.2 13.8

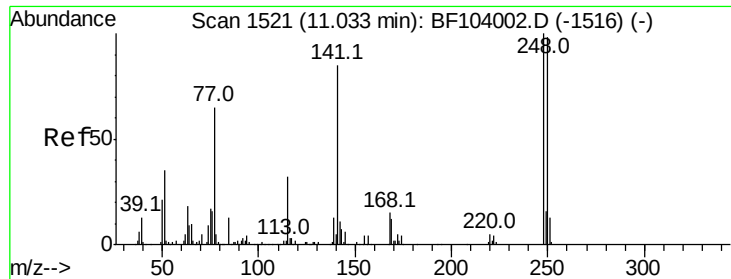


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

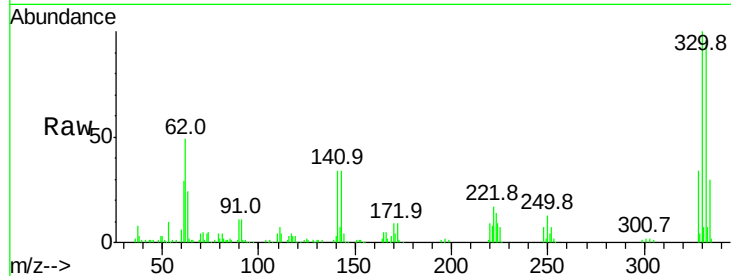




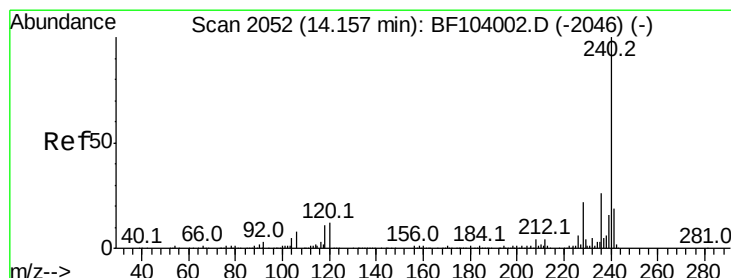
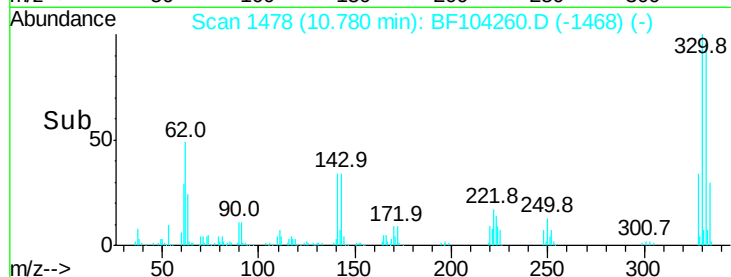
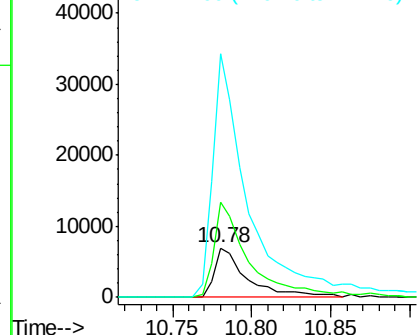
#66
4-Bromophenyl-phenylether
Concen: 3.041 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10122
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 496.0 74.4 111.6#

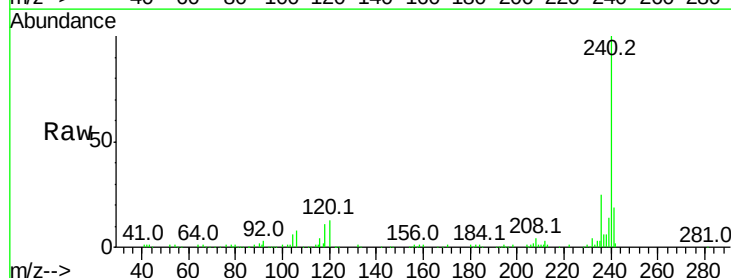


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

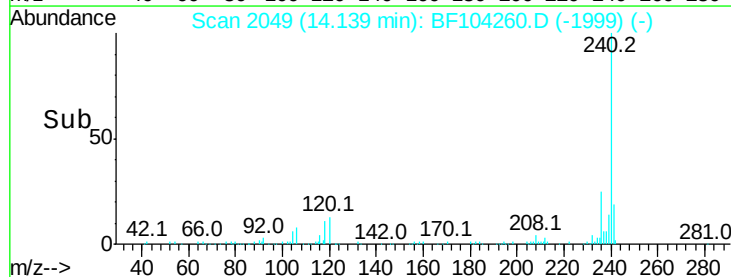
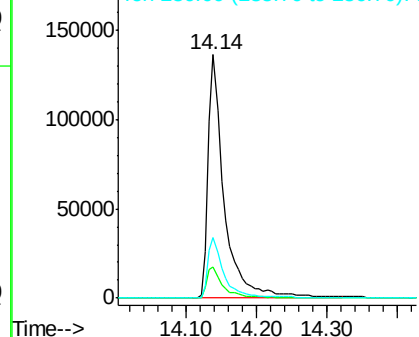


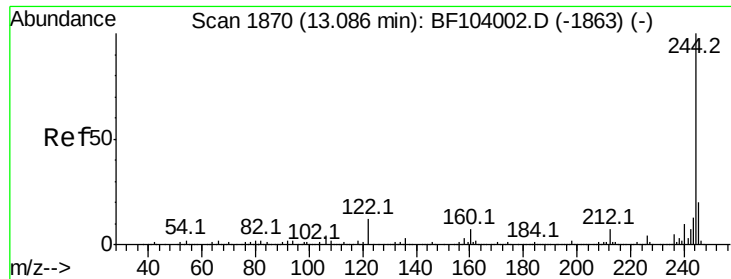
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104260.D
Acq: 5 Apr 2018 7:37

Tgt Ion:240 Resp: 218322
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 24.8 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

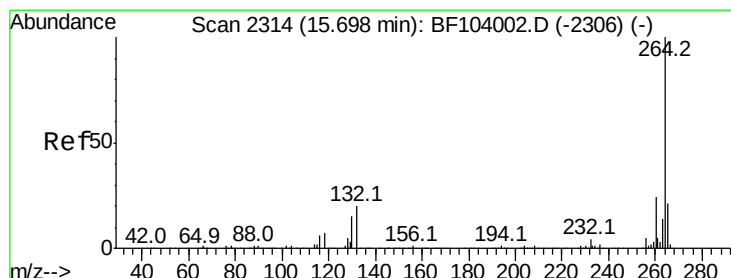
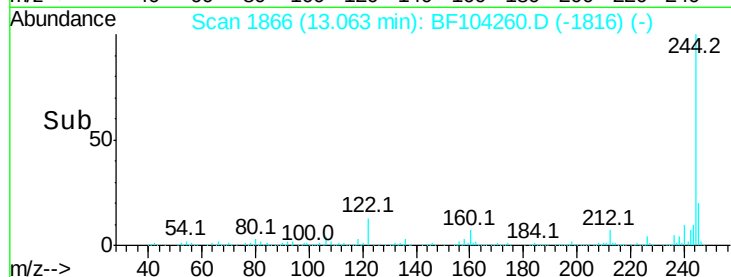
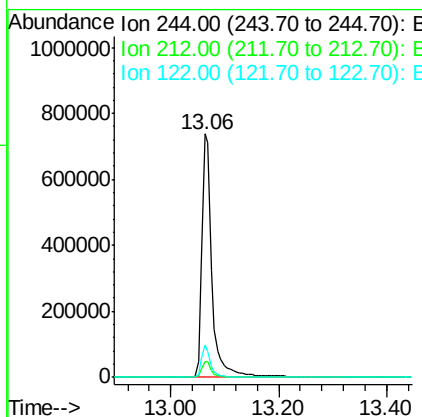
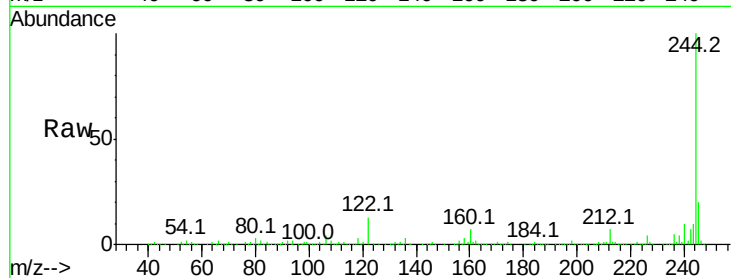




#78
 Terphenyl-d14
 Concen: 100.979 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 954807
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion:264 Resp: 188775
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.9 17.5 26.3

