

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104265.D
 Acq On : 5 Apr 2018 9:49
 Operator : JU/SJ
 Sample : J2220-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 10:49:36 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

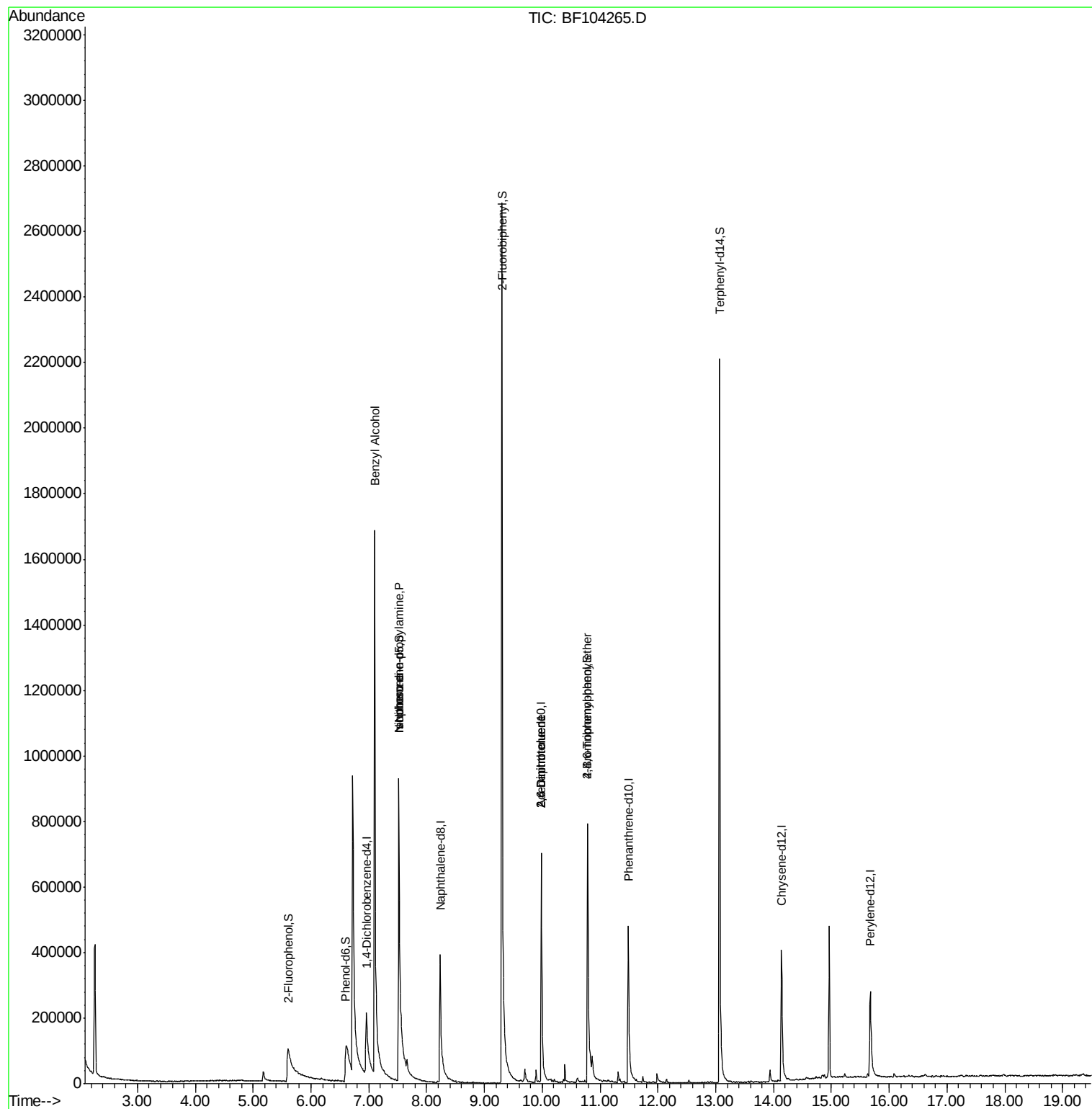
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105526	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	470645	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	210618	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	335791	20.00	ng	0.00
75) Chrysene-d12	14.14	240	233322	20.00	ng	0.00
86) Perylene-d12	15.67	264	204577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	181198	27.38	ng	0.01
7) Phenol-d6	6.60	99	269514	33.11	ng	0.00
23) Nitrobenzene-d5	7.52	82	773817	100.55	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	196628	83.84	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1415713	106.00	ng	0.00
78) Terphenyl-d14	13.07	244	1051001	104.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	11635	2.198	ng	# 36
19) n-Nitroso-di-n-propylamine	7.52	70	88830	18.386	ng	# 72
25) Isophorone	7.52	82	787379	55.517	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	25258	7.060	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	25619	5.612	ng	# 24
66) 4-Bromophenyl-phenylether	10.78	248	11467	3.192	ng	# 1

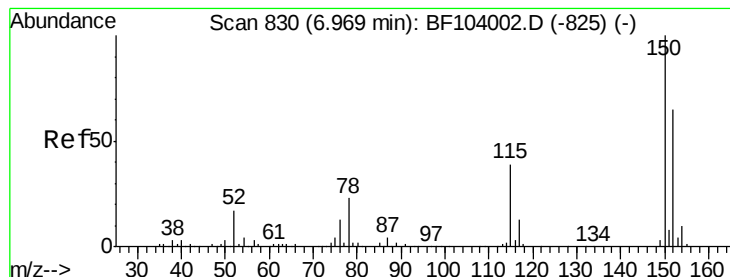
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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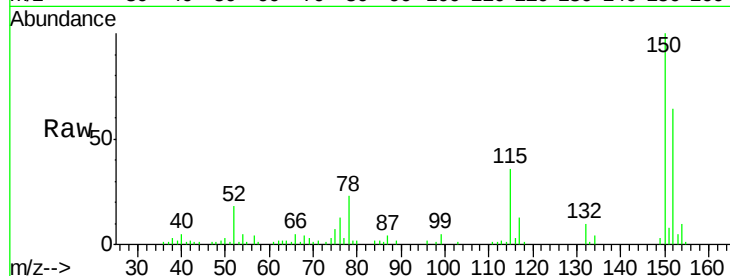


#1

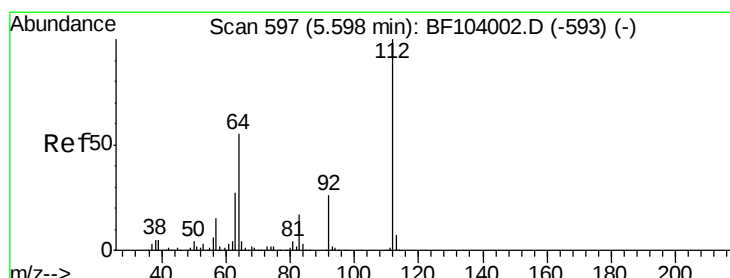
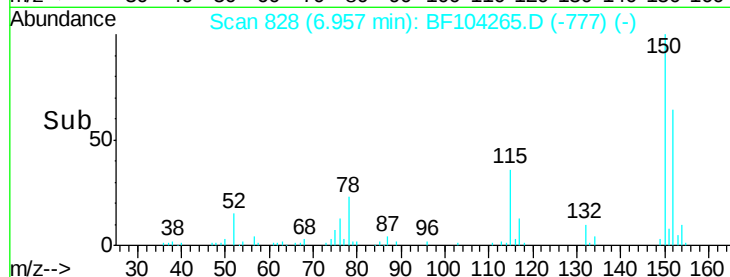
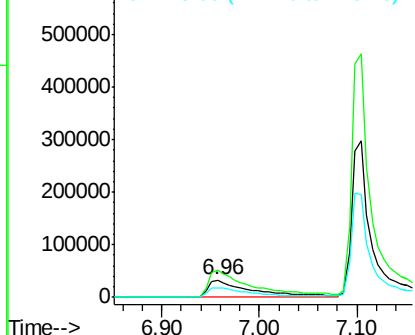
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105526
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.2 50.1 75.1



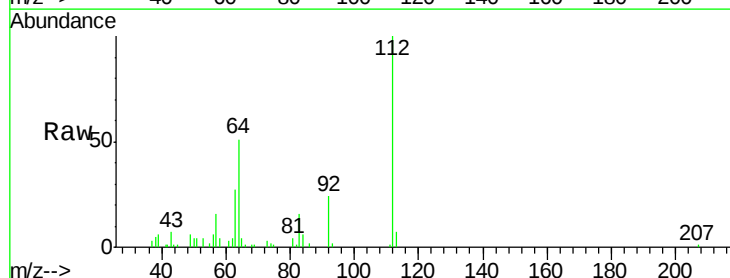
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



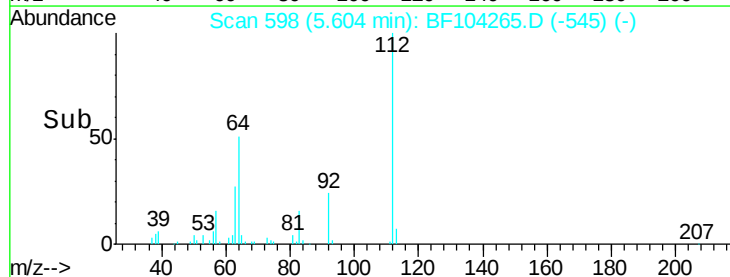
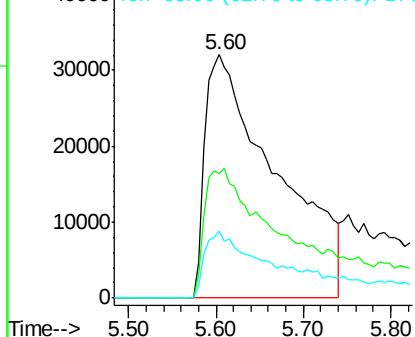
#5

2-Fluorophenol
Concen: 27.383 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Tgt Ion:112 Resp: 181198
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 27.3 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: 33.106 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

Instrument :

BNA_F

ClientSampled :

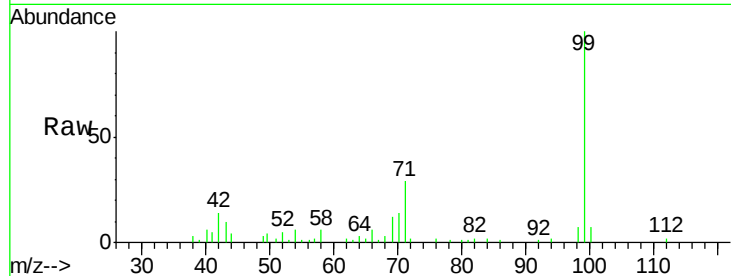
Tot Ion: 99 Resp: 269514

Ion Ratio Lower Upper

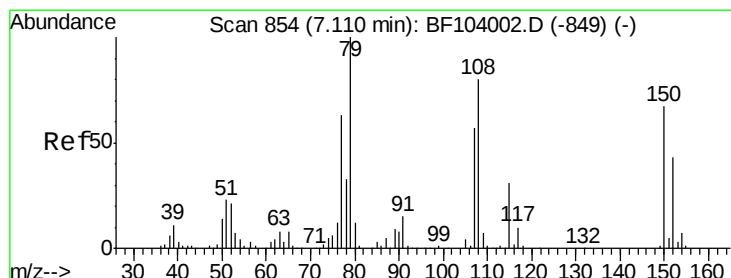
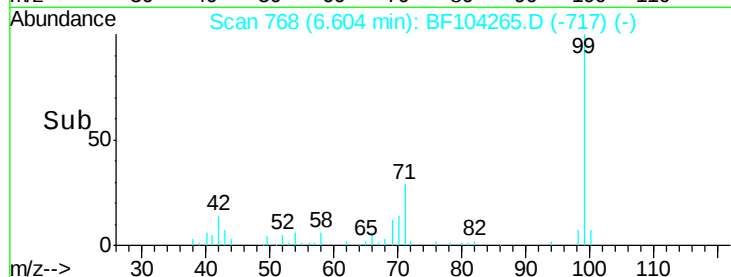
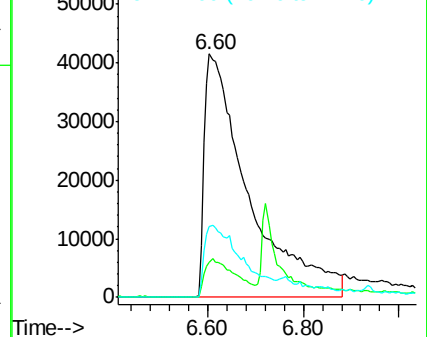
99 100

42 14.2 14.5 21.7#

71 28.9 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: 2.198 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

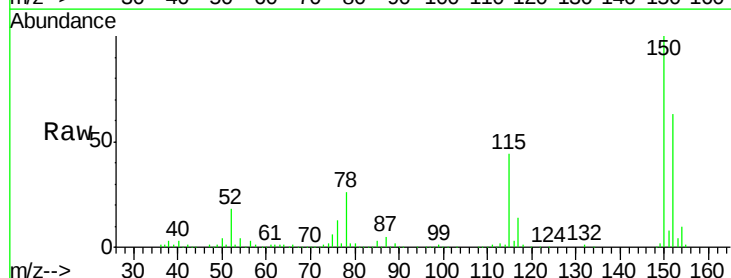
Tgt Ion: 79 Resp: 11635

Ion Ratio Lower Upper

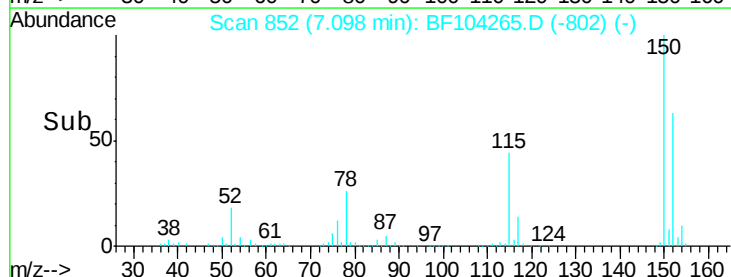
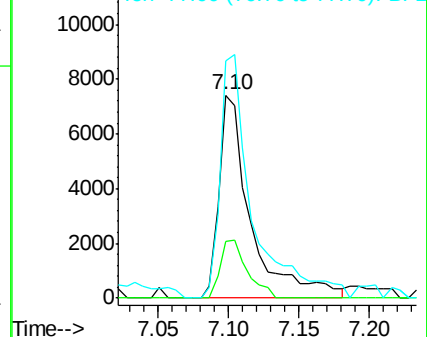
79 100

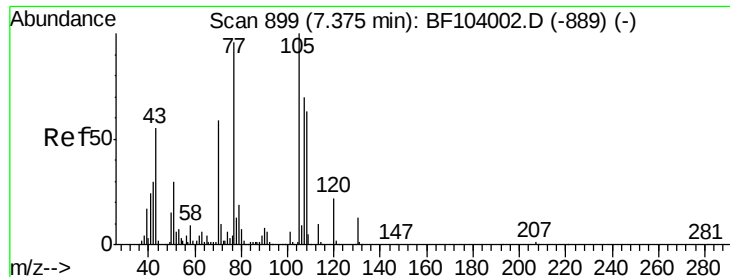
108 27.8 65.1 97.7#

77 117.1 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

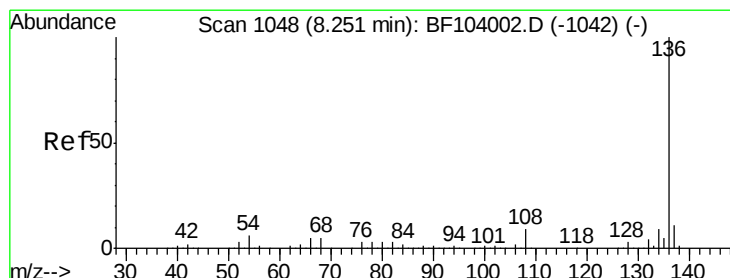
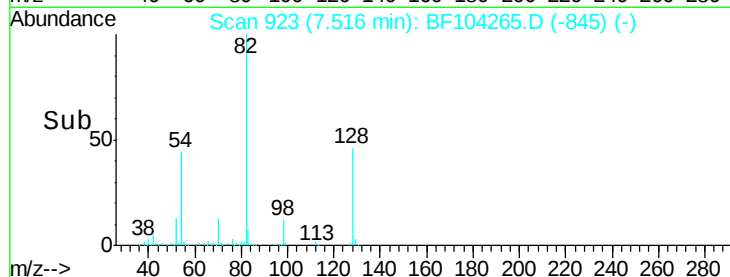
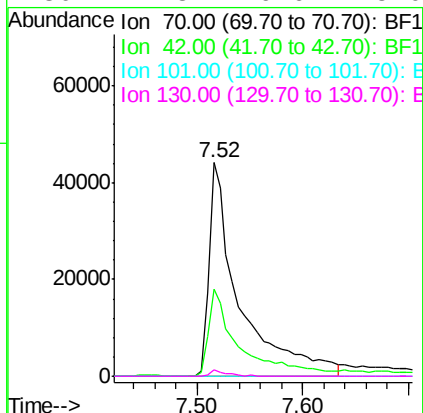
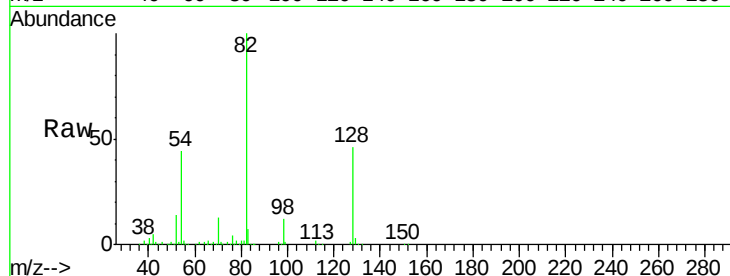




#19
n-Nitroso-di-n-propylamine
Concen: 18.386 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

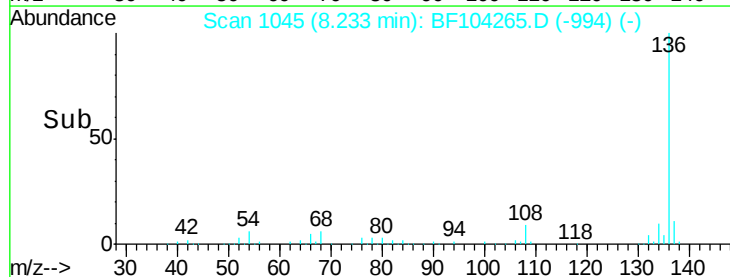
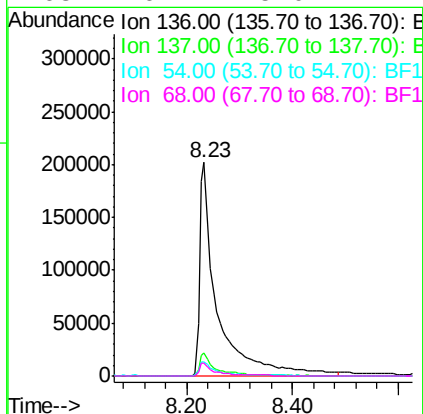
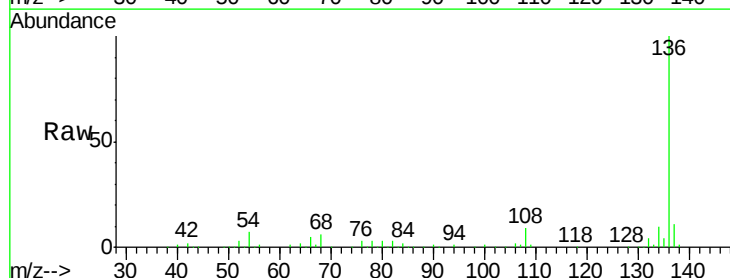
Instrument :
BNA_F
ClientSampleId :

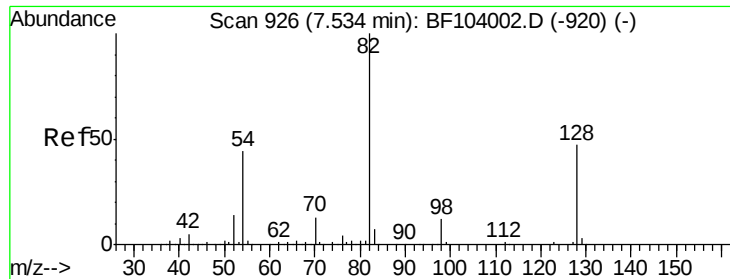
Tot Ion: 70 Resp: 88830
Ion Ratio Lower Upper
70 100
42 40.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Tgt Ion: 136 Resp: 470645
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 6.6 9.8
68 6.1 5.0 7.4

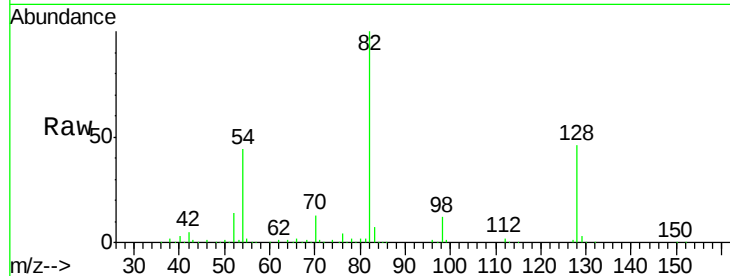




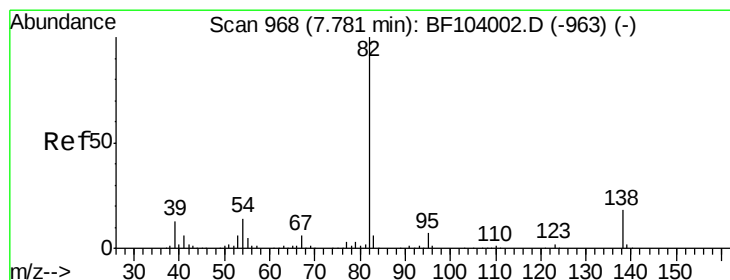
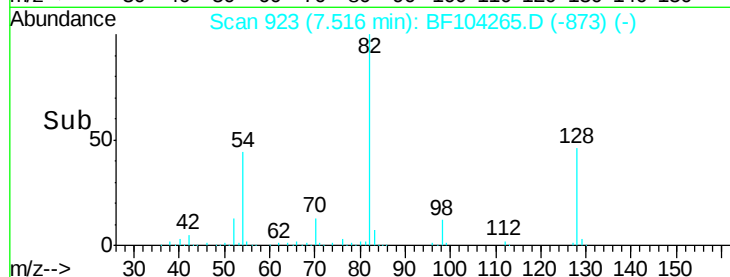
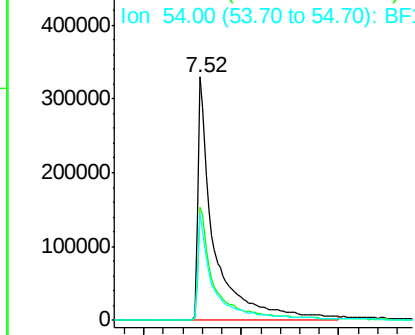
#23
 Nitrobenzene-d5
 Concen: 100.550 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	773817
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	43.9	41.4	62.2

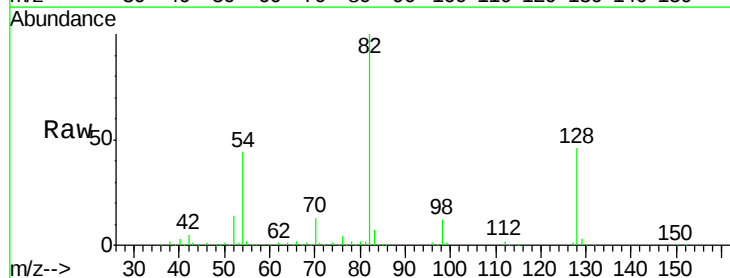


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

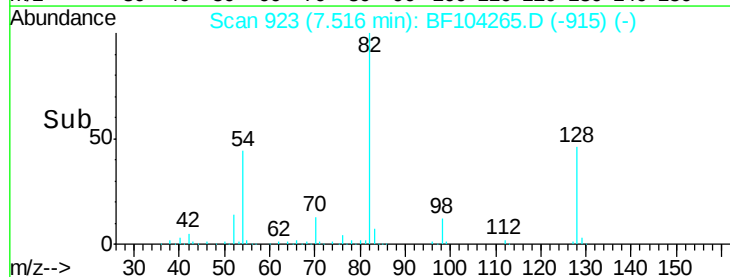
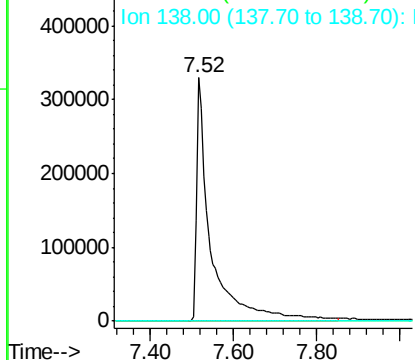


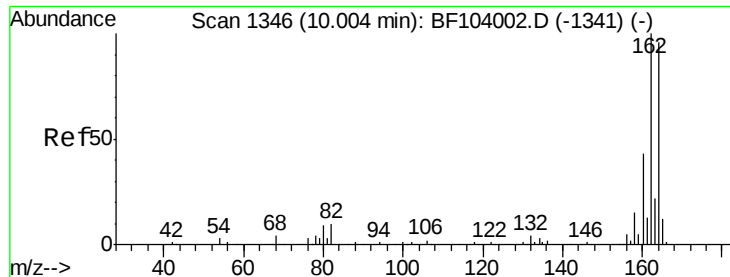
#25
 Isophorone
 Concen: 55.517 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion	82	Resp	787379
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

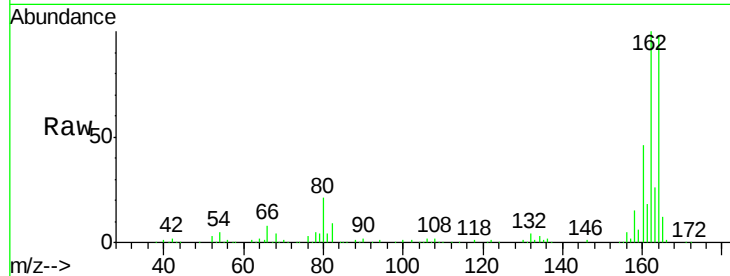




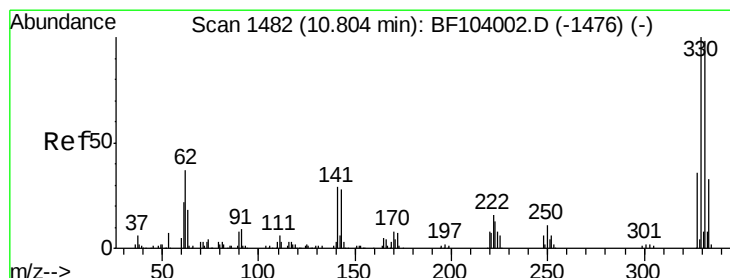
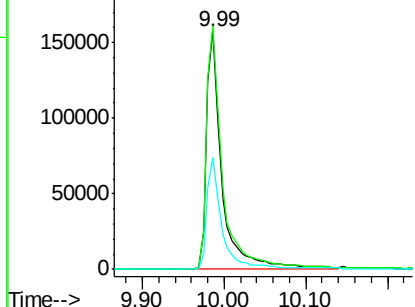
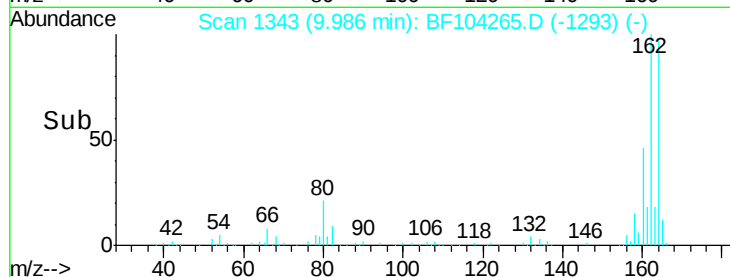
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 210618
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 46.7 38.3 57.5

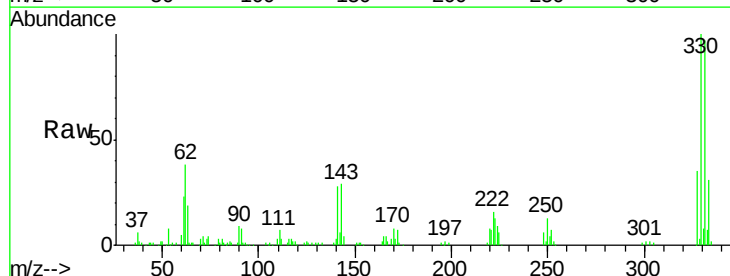


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

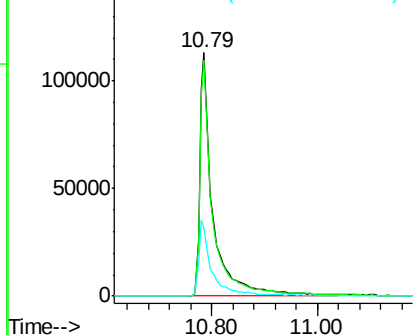
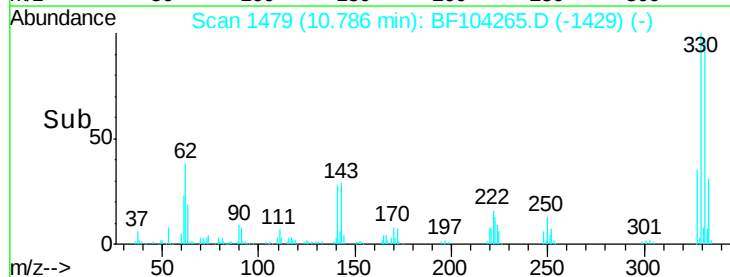


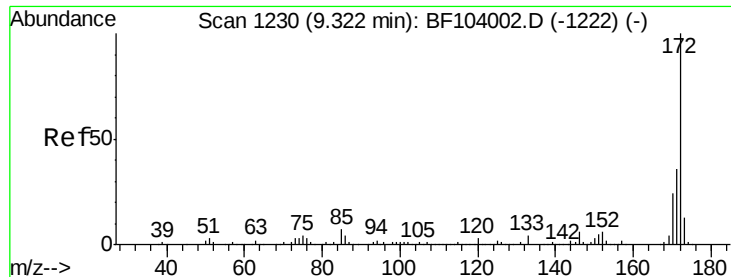
#41
 2,4,6-Tribromophenol
 Concen: 83.841 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion:330 Resp: 196628
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 29.9 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



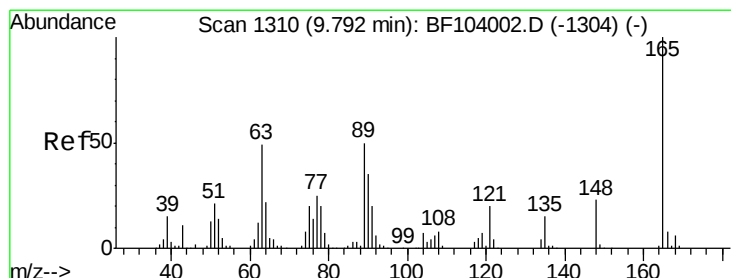
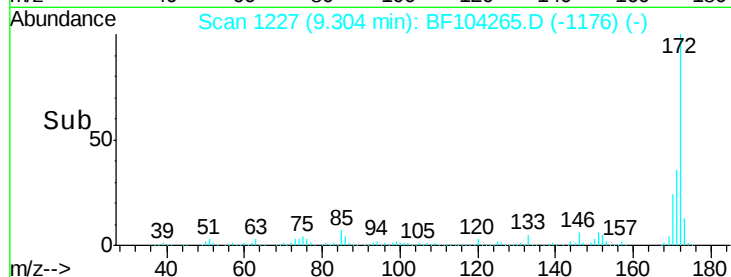
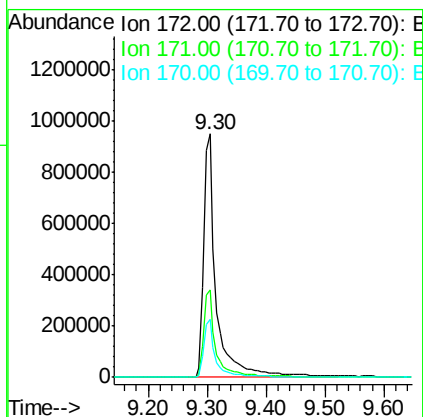
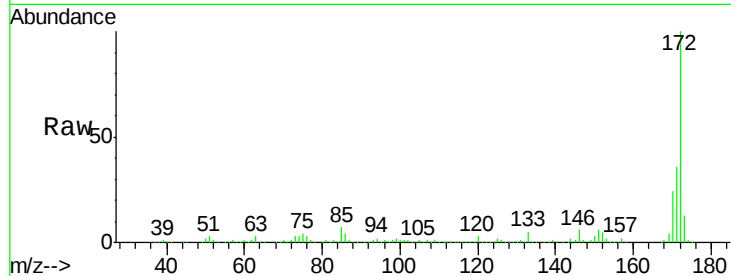


#44
 2-Fluorobiphenyl
 Concen: 105.996 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1415713

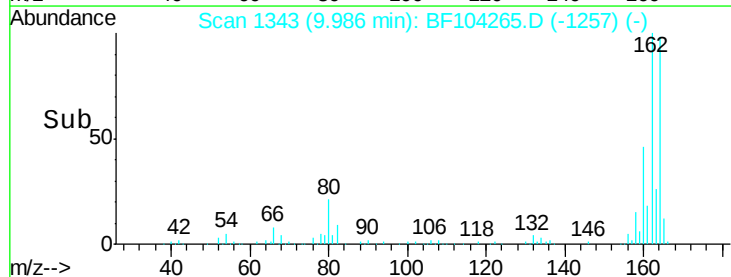
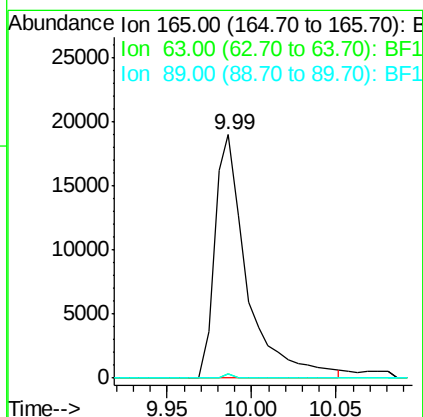
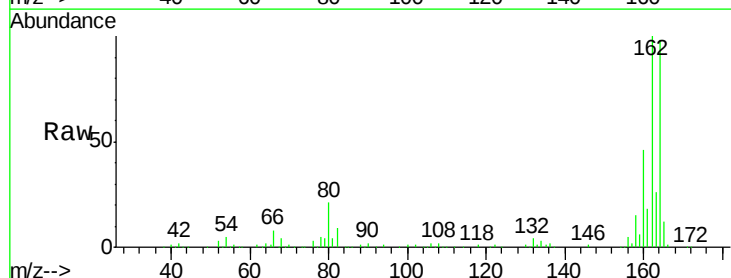
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.060 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion:165 Resp: 25258

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.8	44.0	66.0#

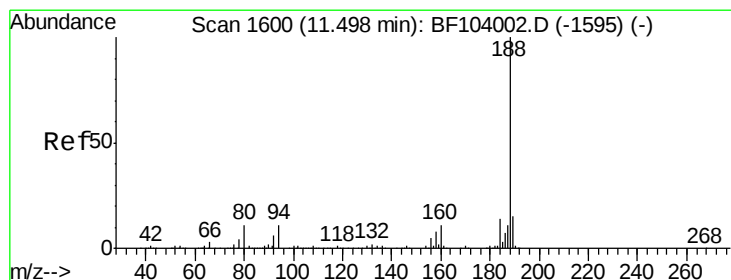
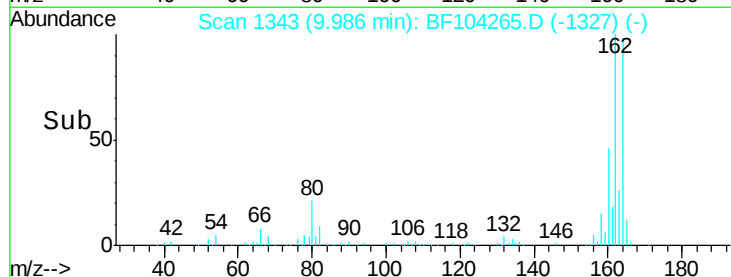
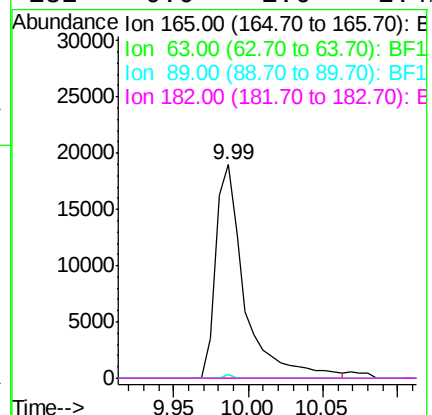
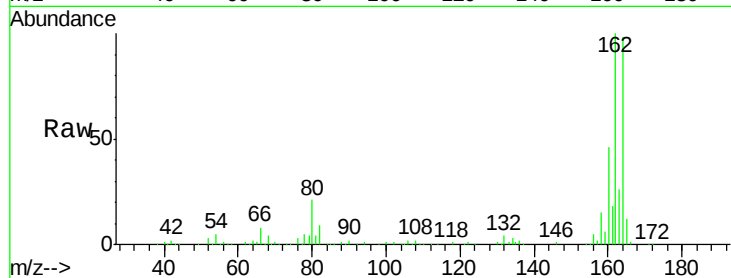




#56
 2,4-Dinitrotoluene
 Concen: 5.612 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

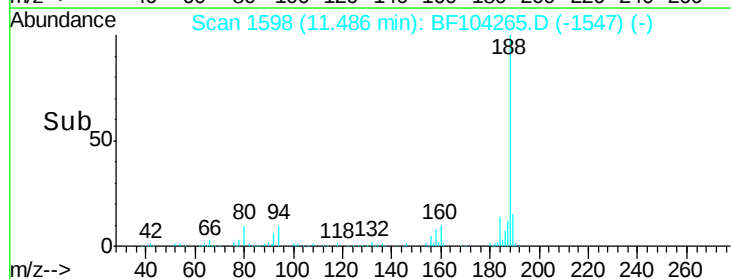
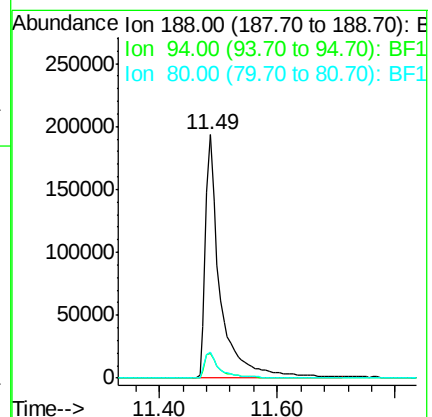
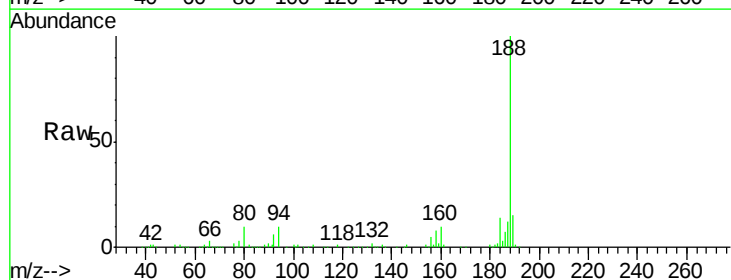
Instrument :
 BNA_F
 ClientSampleId :

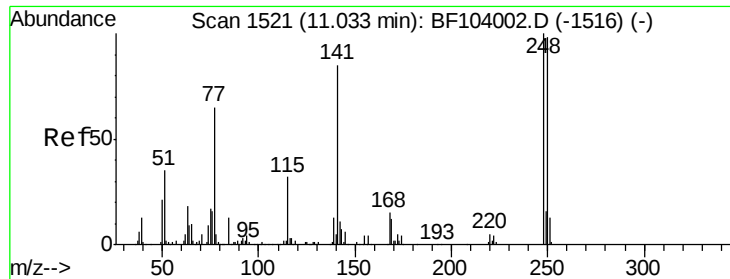
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF104265.D
 Acq: 5 Apr 2018 9:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.4	9.2	13.8

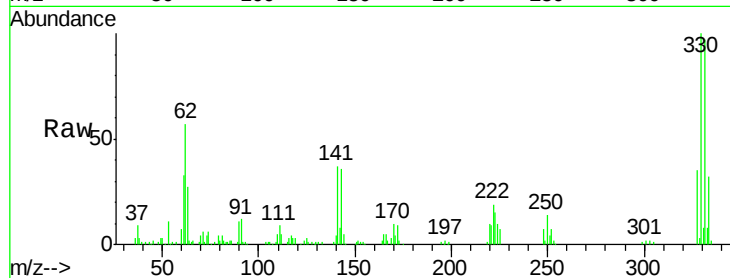




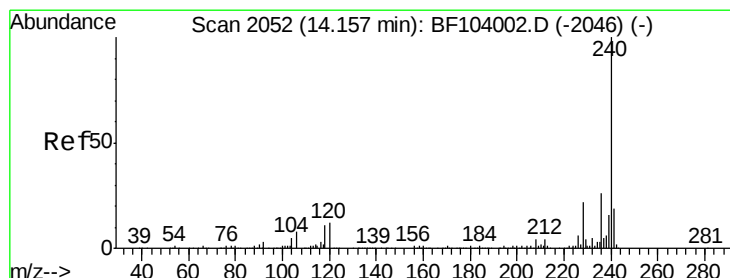
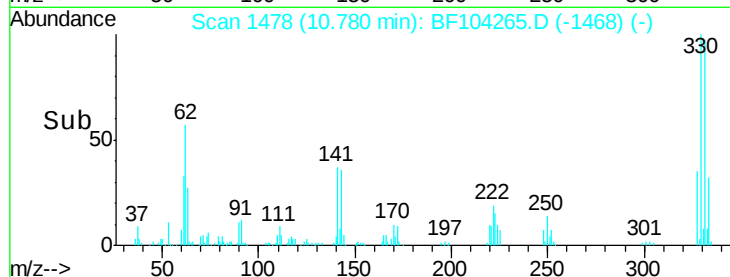
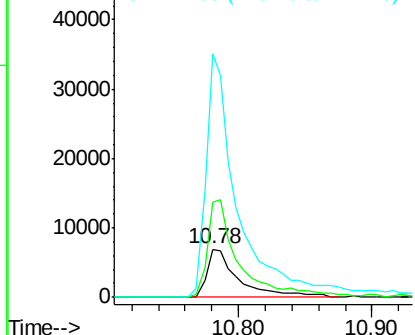
#66
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11467
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 506.0 74.4 111.6#

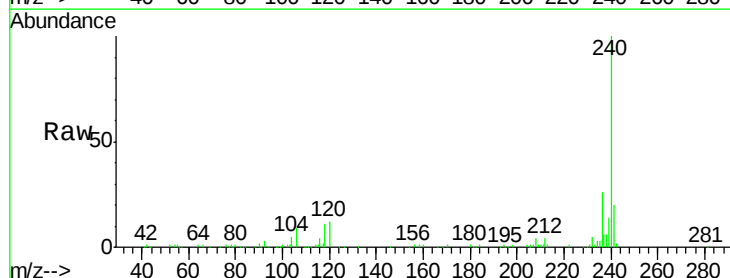


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

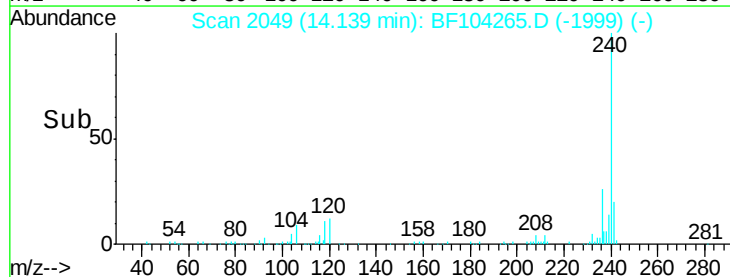
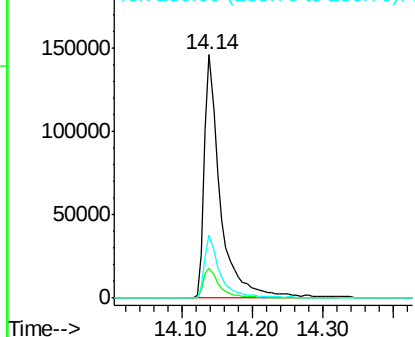


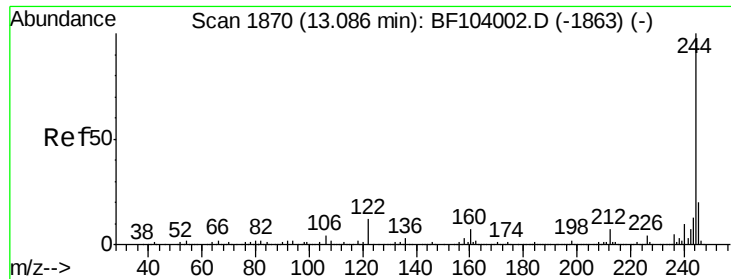
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104265.D
Acq: 5 Apr 2018 9:49

Tgt Ion:240 Resp: 233322
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.8 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: 104.007 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

Instrument :

BNA_F

ClientSampleId :

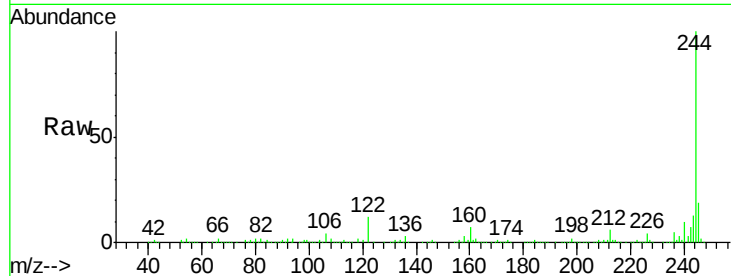
Tot Ion:244 Resp: 1051001

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

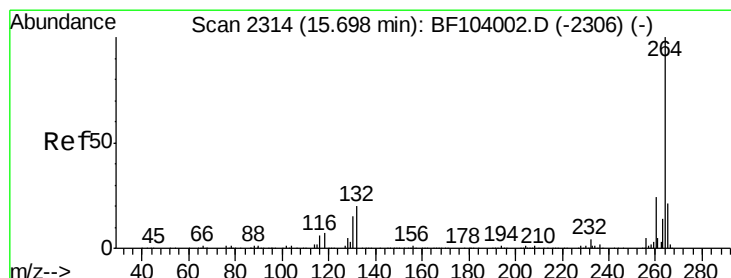
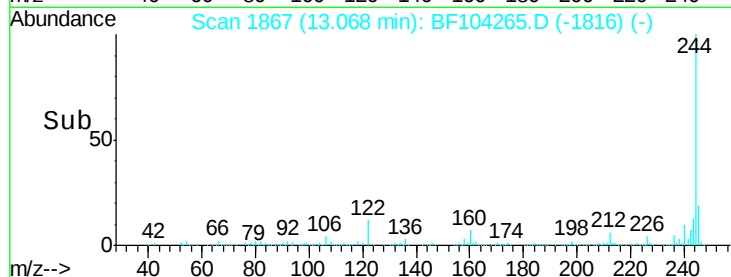
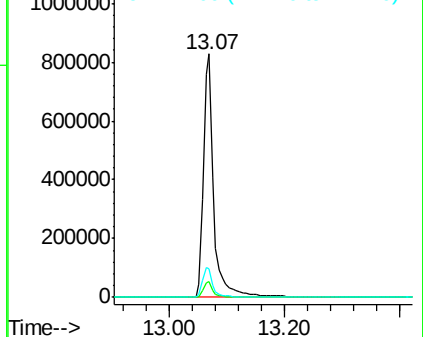
122 11.8 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104265.D

Acq: 5 Apr 2018 9:49

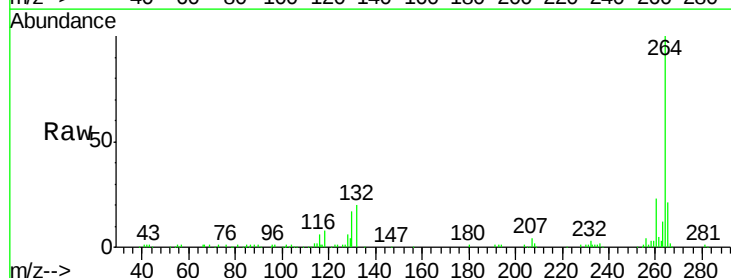
Tgt Ion:264 Resp: 204577

Ion Ratio Lower Upper

264 100

260 23.4 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

