

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104292.D
 Acq On : 6 Apr 2018 1:24
 Operator : JU/SJ
 Sample : J2227-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 02:29:50 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

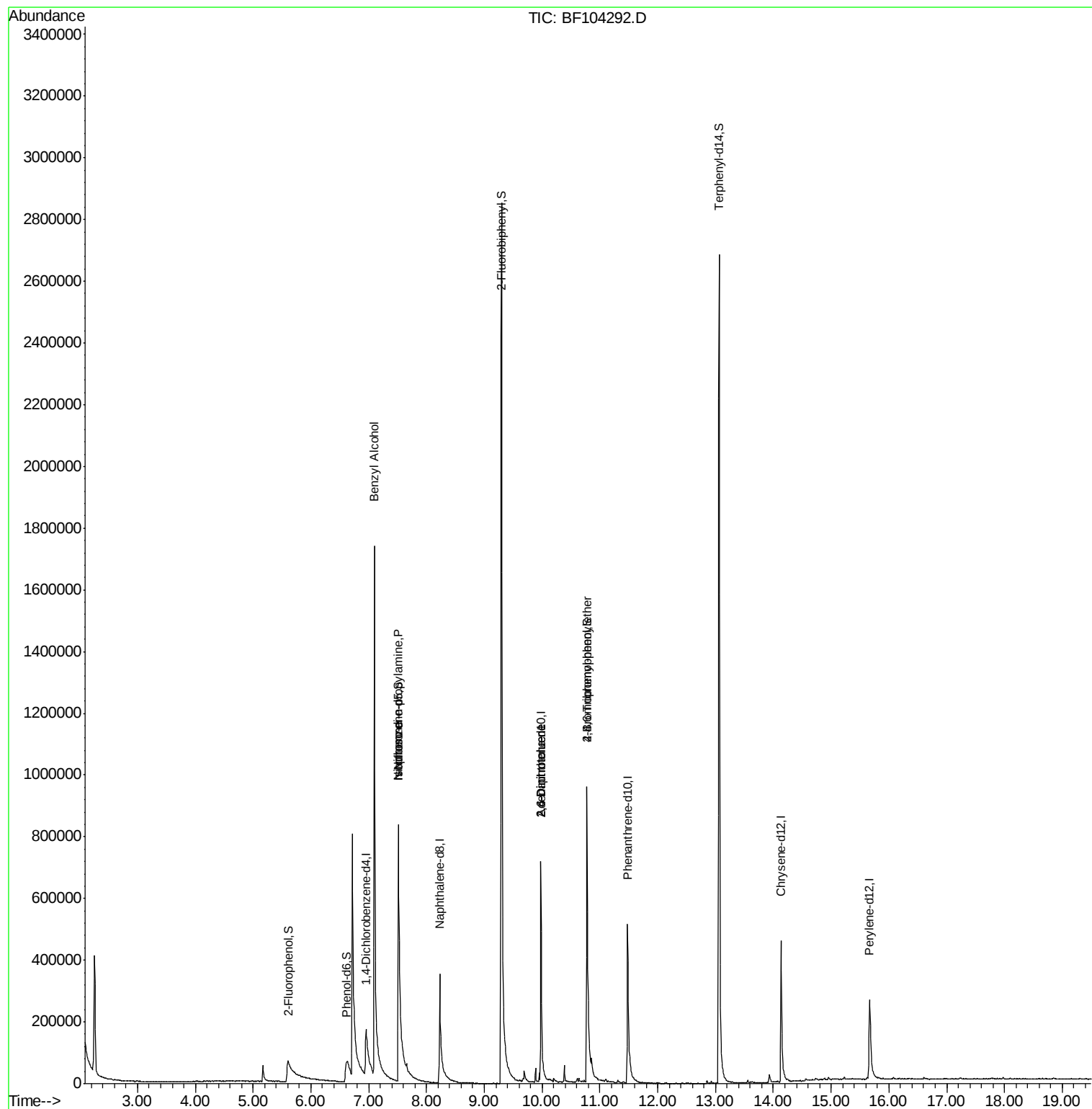
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97432	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	468770	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	217174	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	403436	20.00	ng	0.00
75) Chrysene-d12	14.13	240	280193	20.00	ng	-0.01
86) Perylene-d12	15.67	264	228582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	134873	22.08	ng	0.00
7) Phenol-d6	6.62	99	175753	23.38	ng	0.01
23) Nitrobenzene-d5	7.52	82	777771	101.47	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	229987	95.11	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1522247	110.53	ng	0.00
78) Terphenyl-d14	13.06	244	1278618	105.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	11376	2.328	ng	# 31
19) n-Nitroso-di-n-propylamine	7.52	70	85409	19.147	ng	# 71
25) Isophorone	7.52	82	777771	55.059	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	25308	6.861	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	25805	5.482	ng	# 23
66) 4-Bromophenyl-phenylether	10.77	248	14001	3.244	ng	# 1

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

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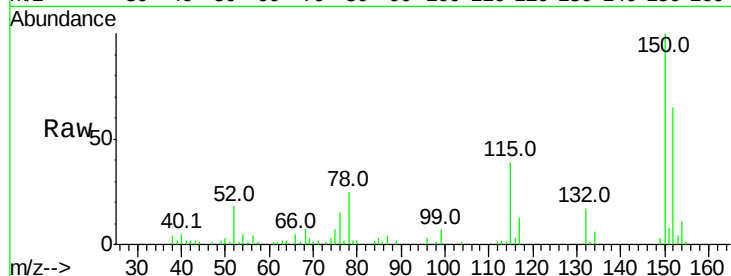


#1

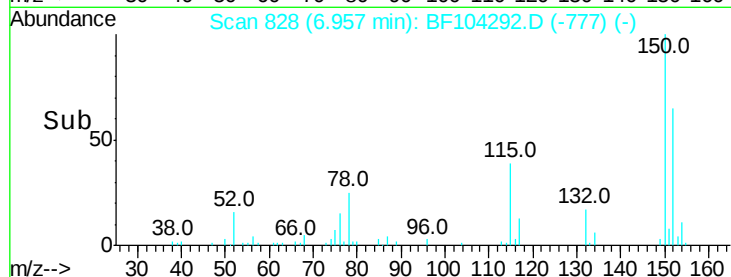
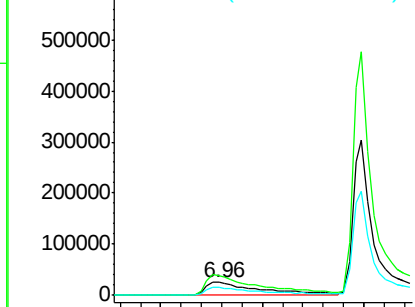
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104292.D
Acq: 6 Apr 2018 1:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97432
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 61.1 50.1 75.1



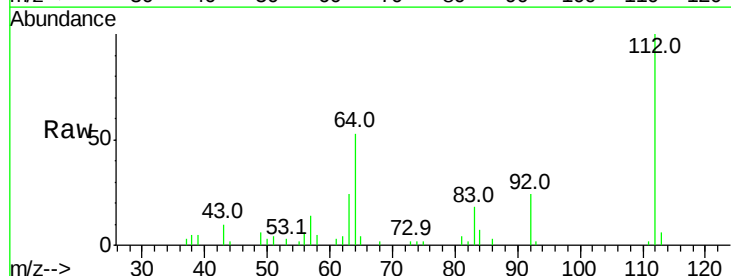
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



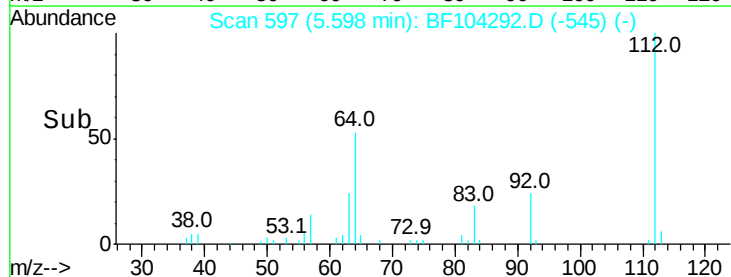
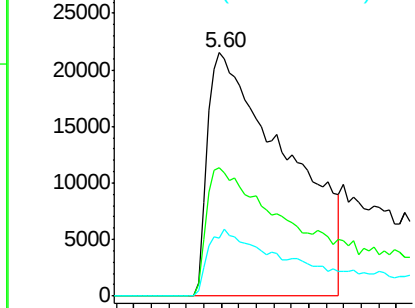
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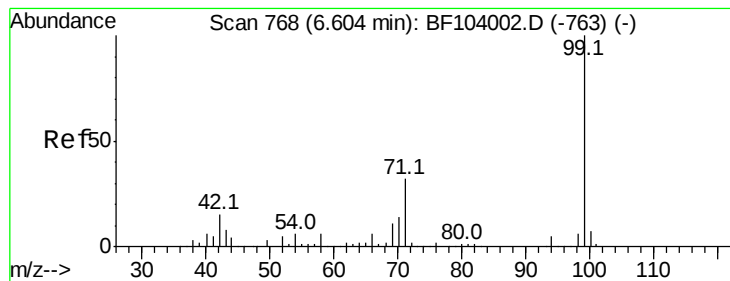
2-Fluorophenol
Concen: 22.076 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104292.D
Acq: 6 Apr 2018 1:24

Tgt Ion:112 Resp: 134873
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 24.0 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: 23.382 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104292.D

Acq: 6 Apr 2018 1:24

Instrument :

BNA_F

ClientSampleId :

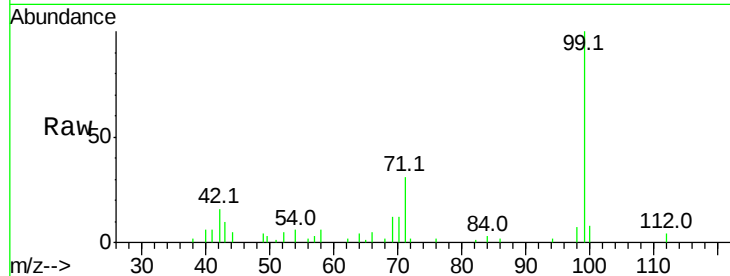
Tot Ion: 99 Resp: 175753

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

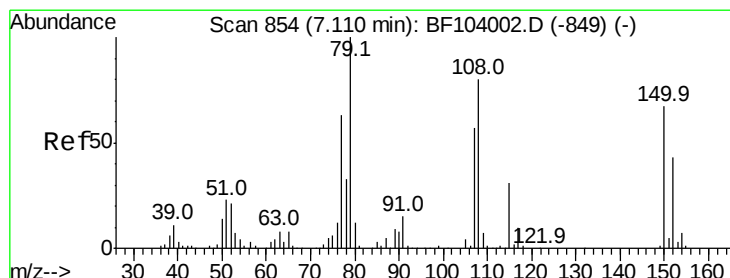
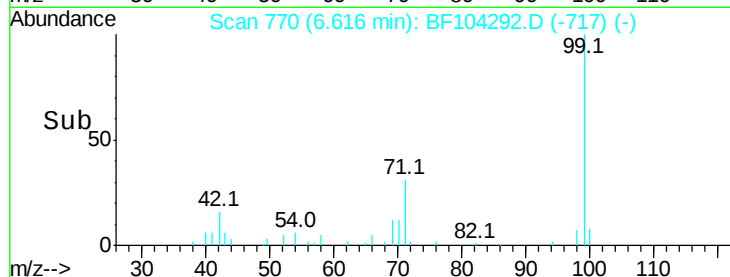
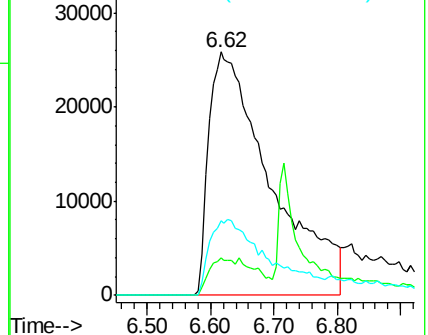
71 30.8 25.4 38.0



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: 2.328 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104292.D

Acq: 6 Apr 2018 1:24

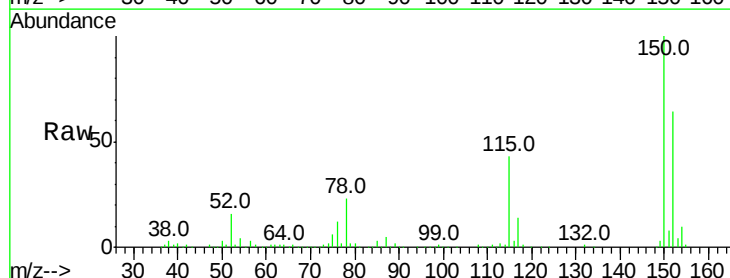
Tgt Ion: 79 Resp: 11376

Ion Ratio Lower Upper

79 100

108 34.1 65.1 97.7#

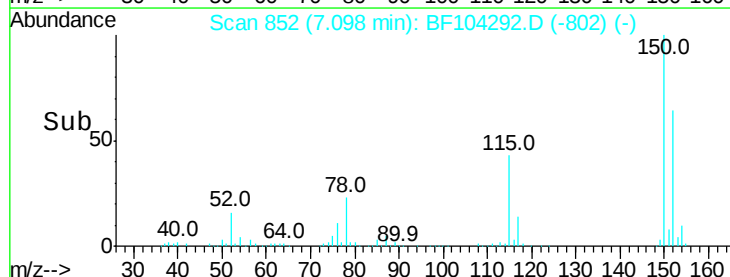
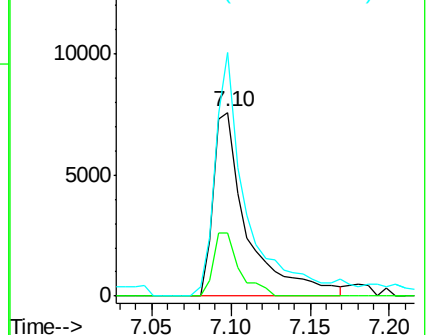
77 132.7 50.6 75.8#

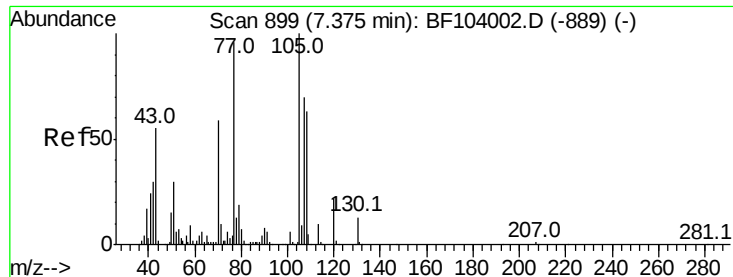


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

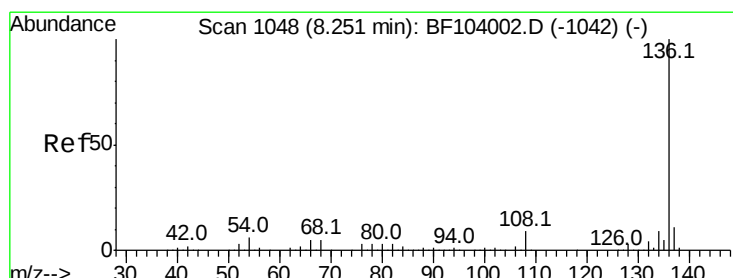
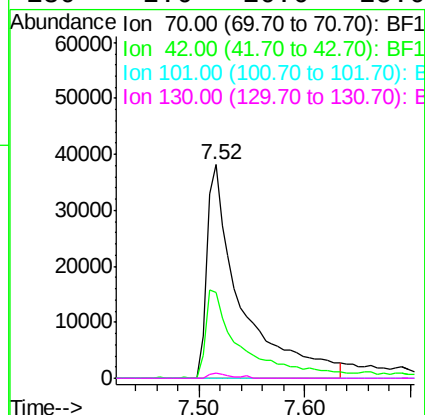
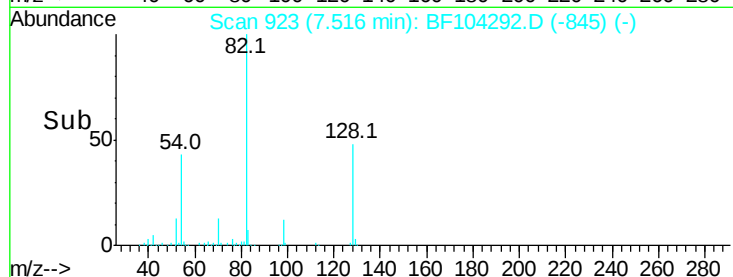
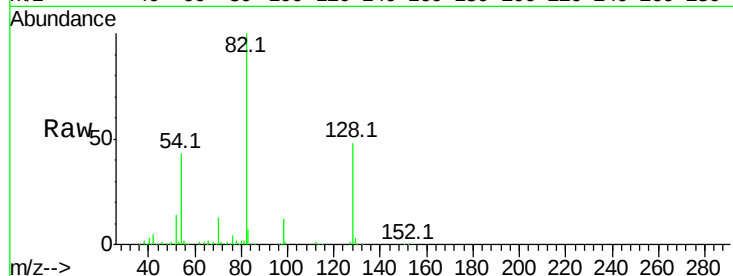




#19
n-Nitroso-di-n-propylamine
Concen: 19.147 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104292.D
Acq: 6 Apr 2018 1:24

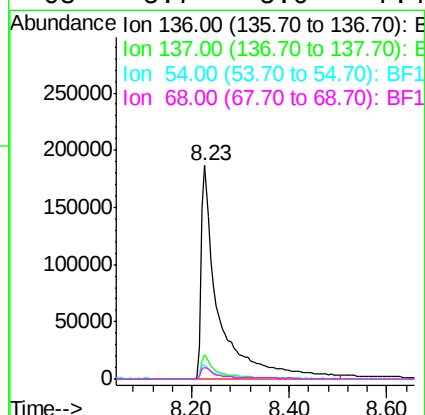
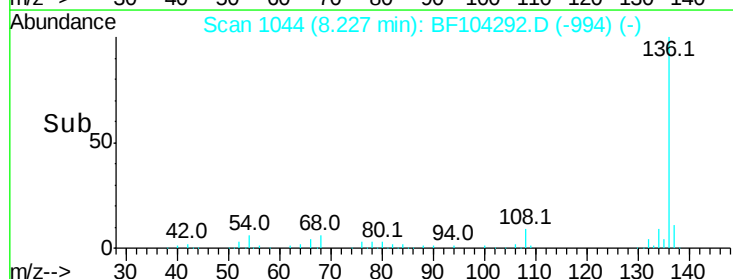
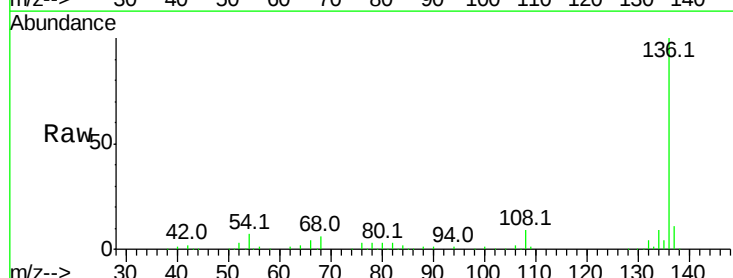
Instrument :
BNA_F
ClientSampled :

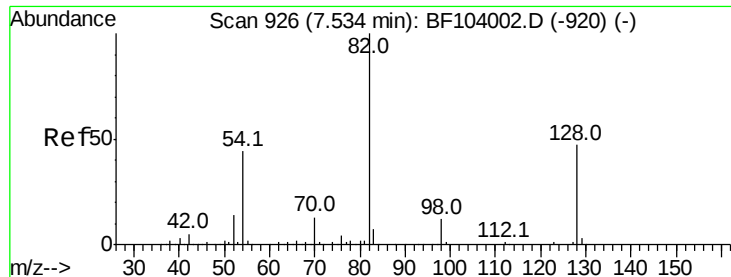
Tot Ion: 70 Resp: 85409
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104292.D
Acq: 6 Apr 2018 1:24

Tgt Ion: 136 Resp: 468770
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.6 6.6 9.8
68 5.7 5.0 7.4

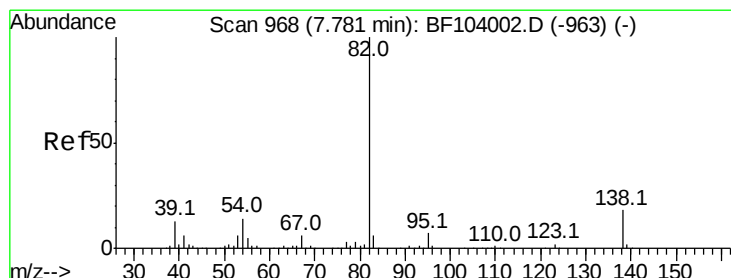
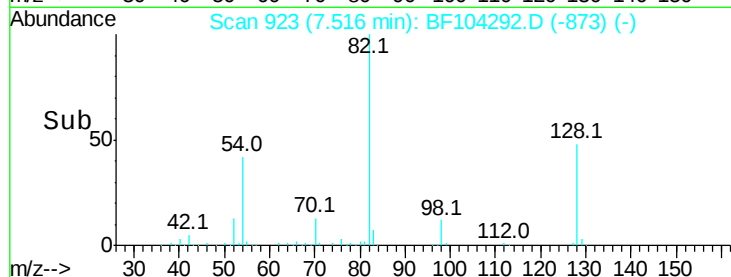
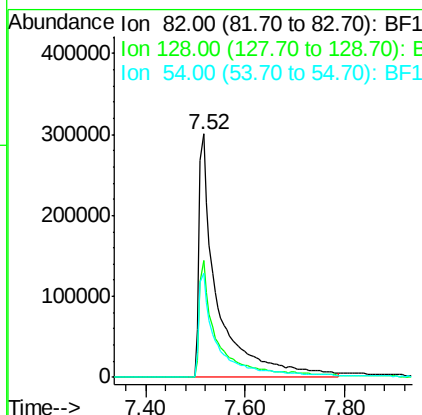
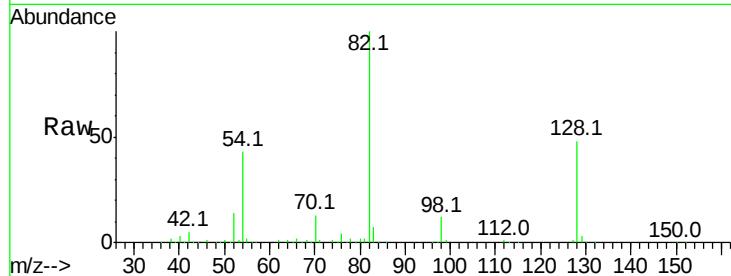




#23
 Nitrobenzene-d5
 Concen: 101.468 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

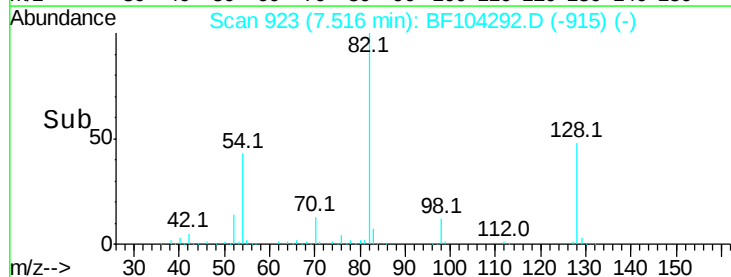
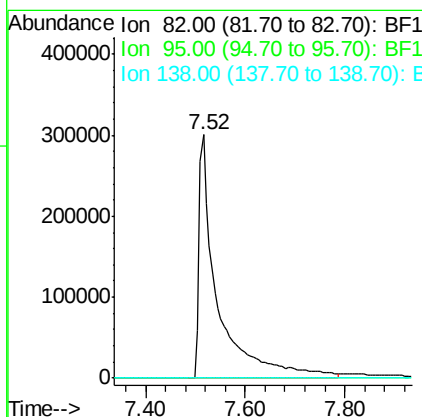
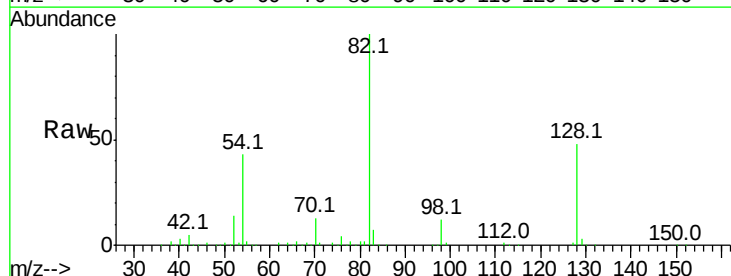
Instrument :
 BNA_F
 ClientSampleId :

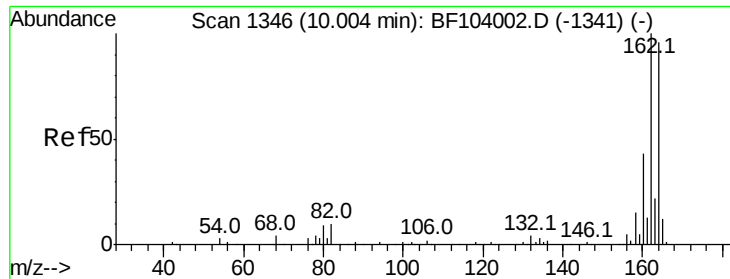
Tot Ion: 82 Resp: 777771
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 42.7 41.4 62.2



#25
 Isophorone
 Concen: 55.059 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Tgt Ion: 82 Resp: 777771
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

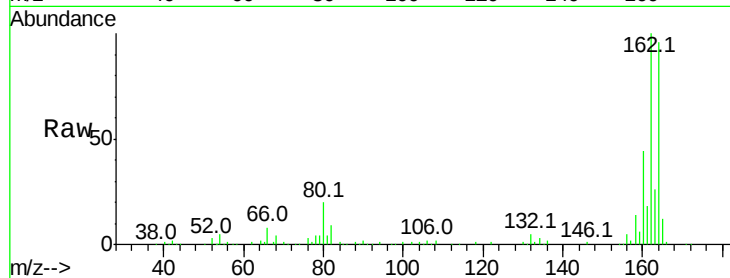




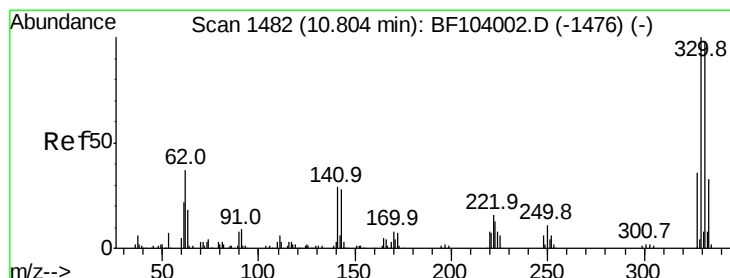
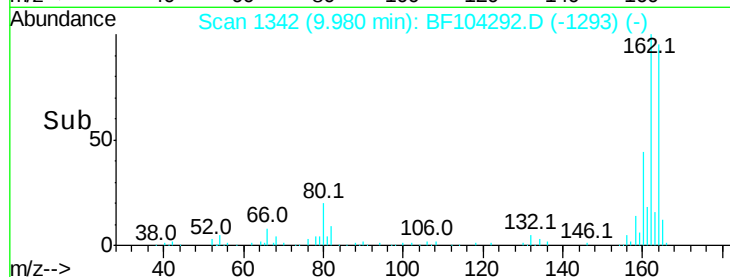
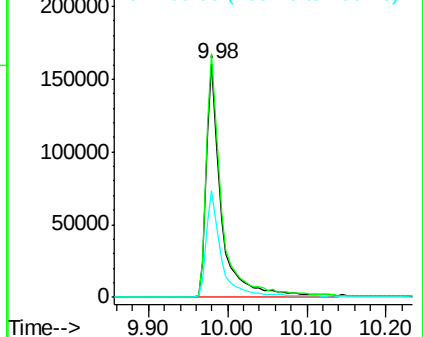
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 217174
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.5 38.3 57.5

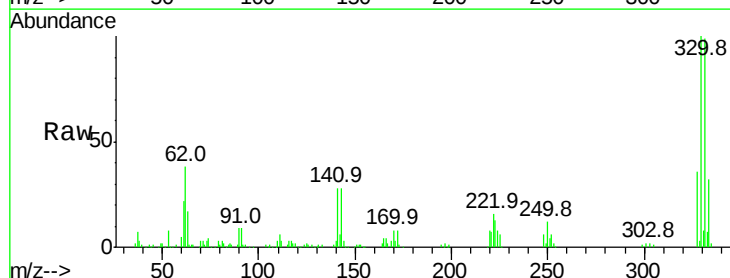


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

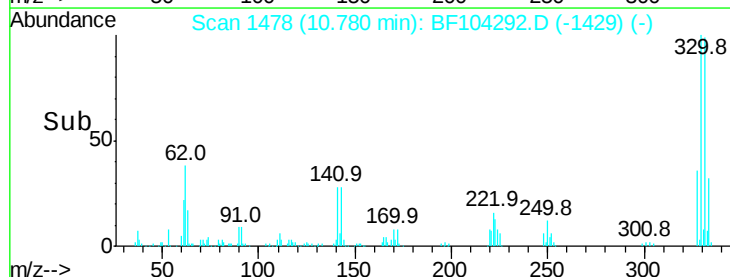
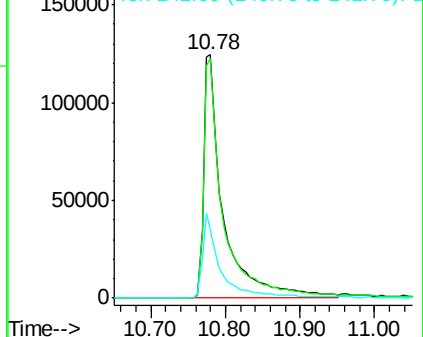


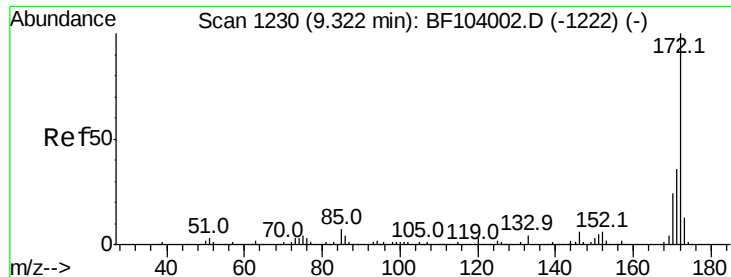
#41
 2,4,6-Tribromophenol
 Concen: 95.105 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Tgt Ion:330 Resp: 229987
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 32.2 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



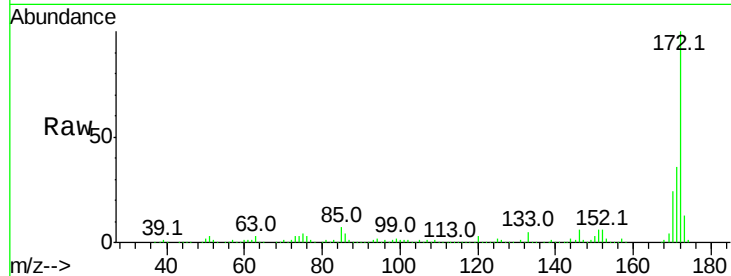


#44
 2-Fluorobiphenyl
 Concen: 110.531 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

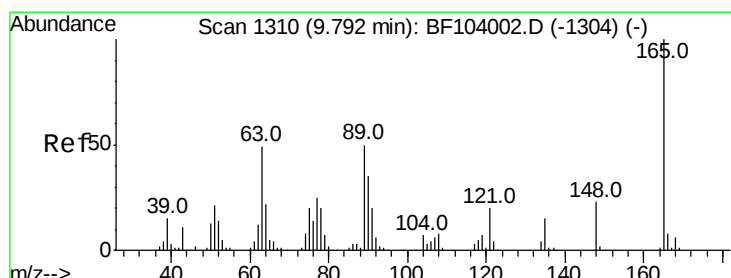
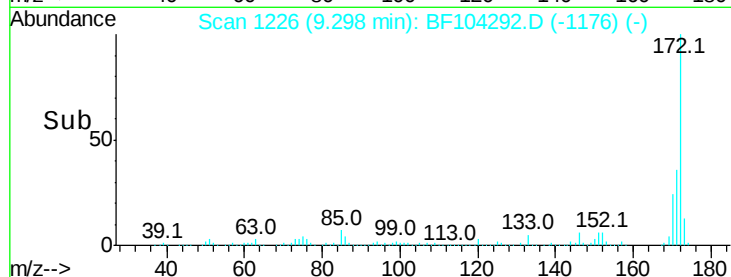
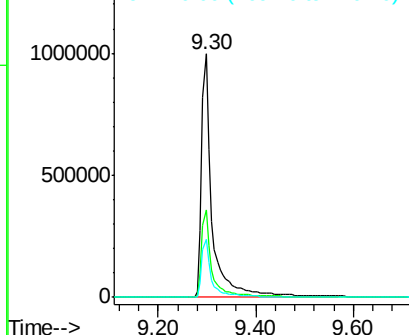
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1522247

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



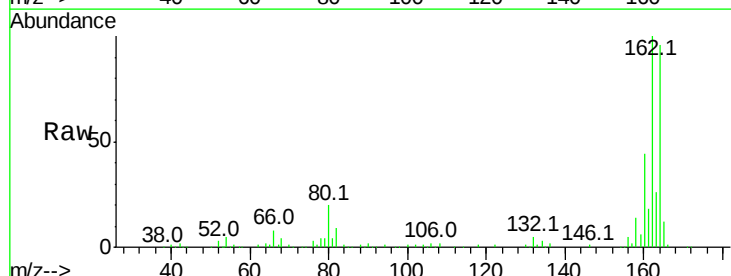
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



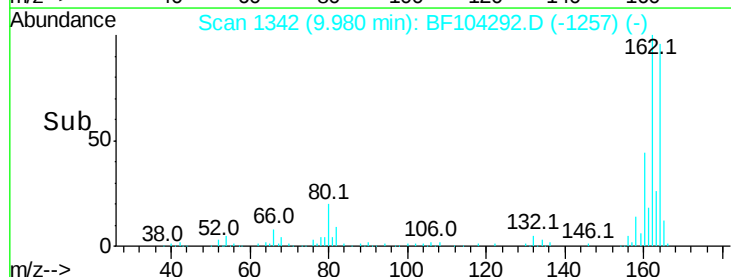
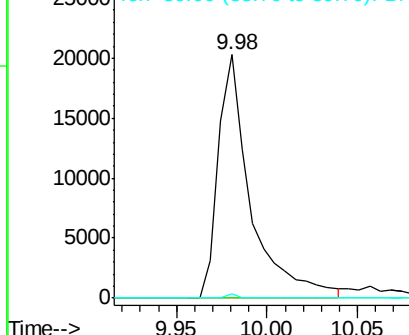
#50
 2,6-Dinitrotoluene
 Concen: 6.861 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

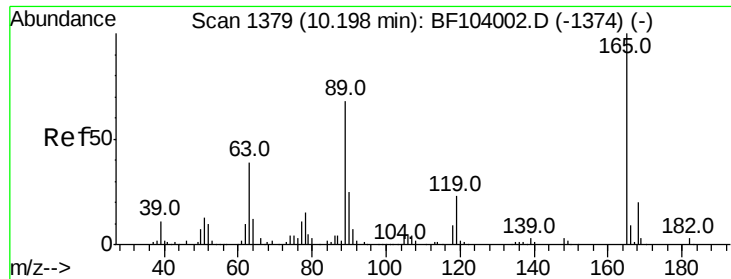
Tgt Ion:165 Resp: 25308

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



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

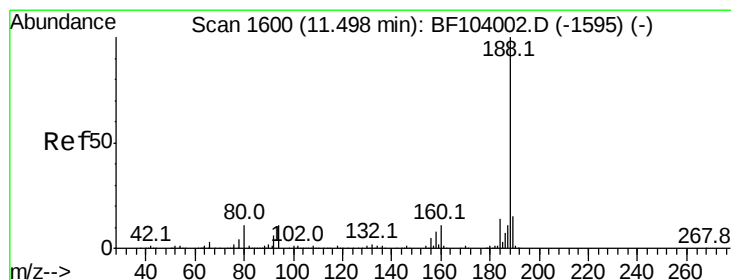
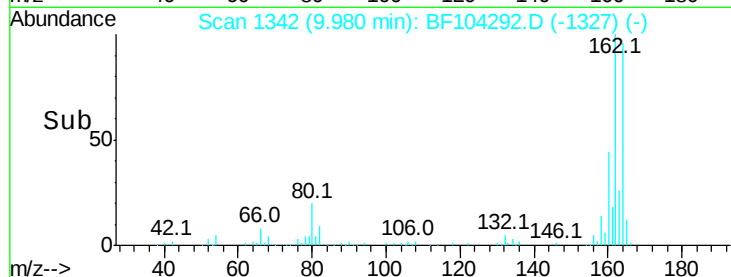
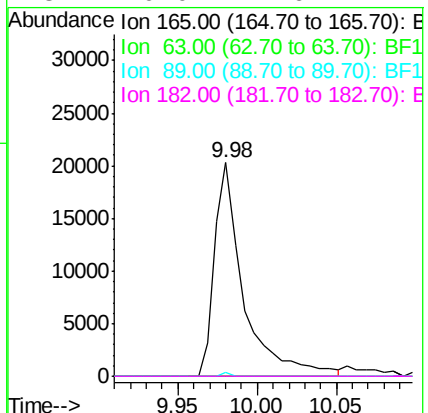
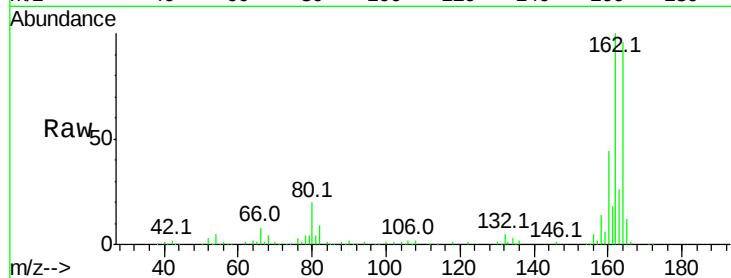




#56
 2,4-Dinitrotoluene
 Concen: 5.482 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

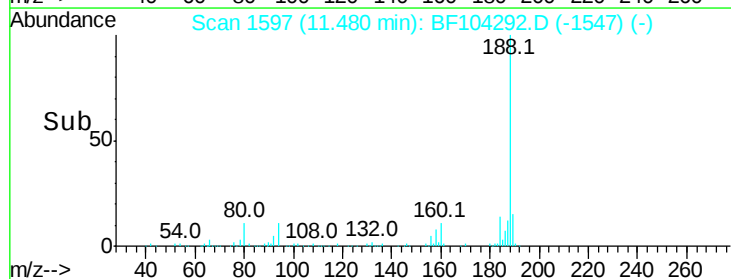
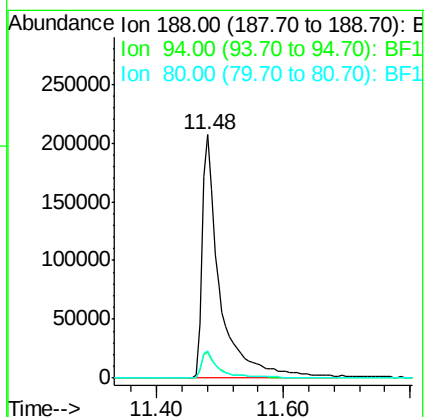
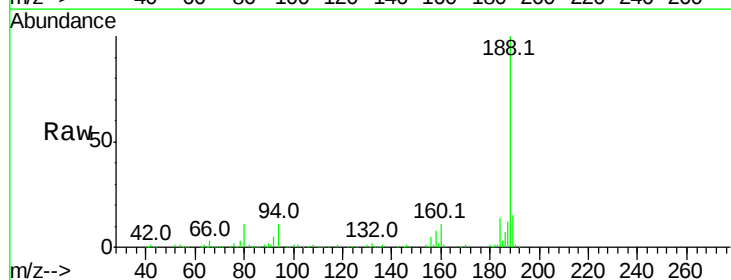
Instrument :
 BNA_F
 ClientSampleId :

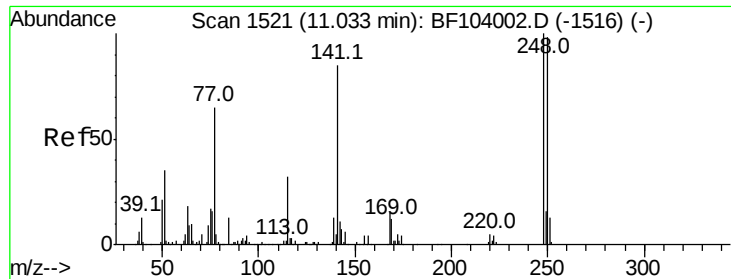
Tot Ion:165	Resp:	25805
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 1.6	57.8	86.6#
182 0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Tgt Ion:188	Resp:	403436
Ion Ratio	Lower	Upper
188 100		
94 10.8	8.5	12.7
80 11.0	9.2	13.8

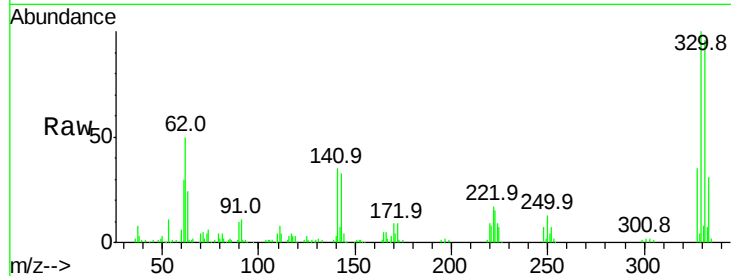




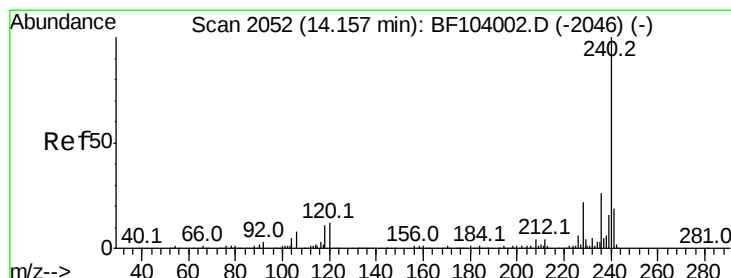
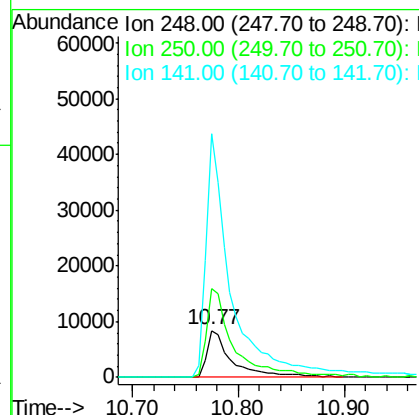
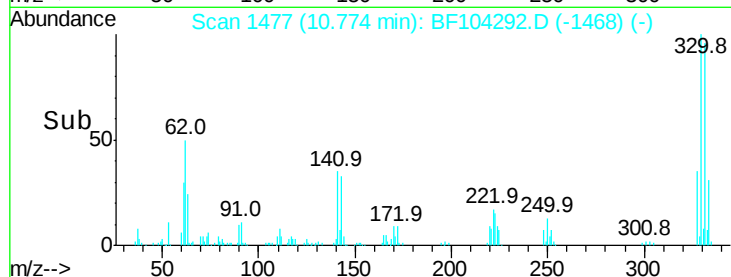
#66
 4-Bromophenyl-phenylether
 Concen: 3.244 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14001
 Ion Ratio Lower Upper
 248 100
 250 191.5 76.9 115.3#
 141 522.5 74.4 111.6#

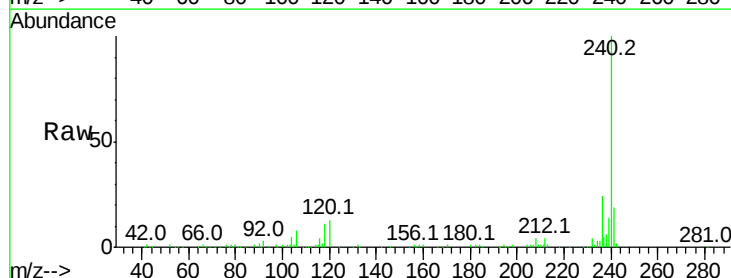


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

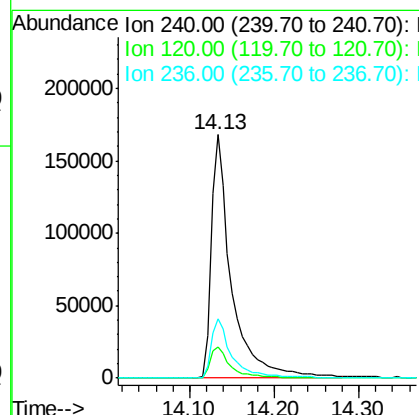
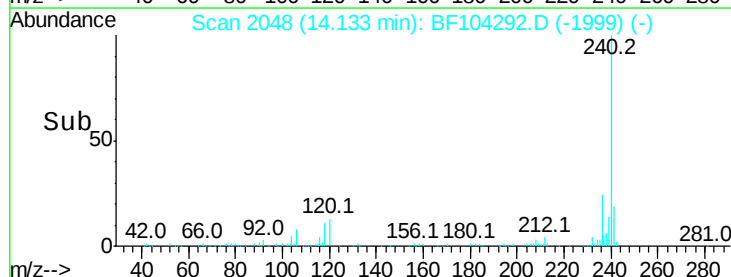


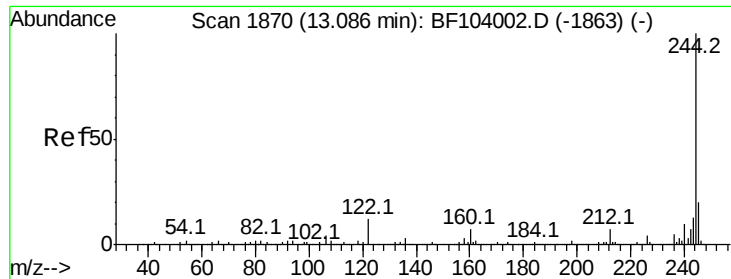
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Tgt Ion:240 Resp: 280193
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 24.5 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

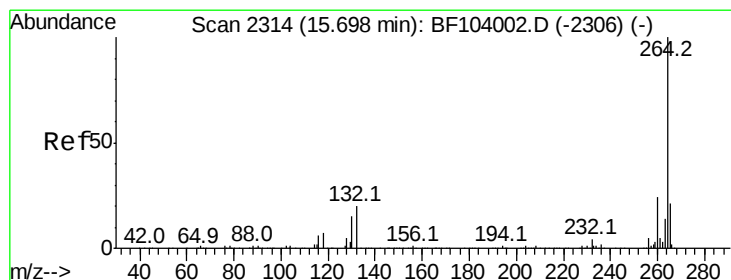
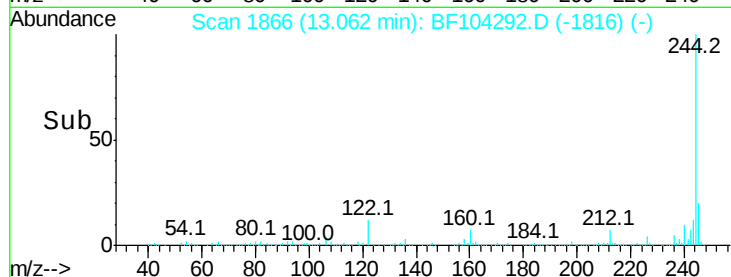
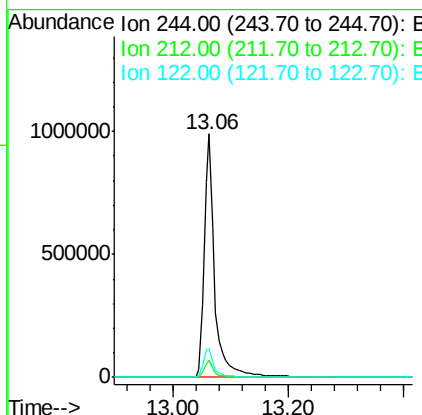
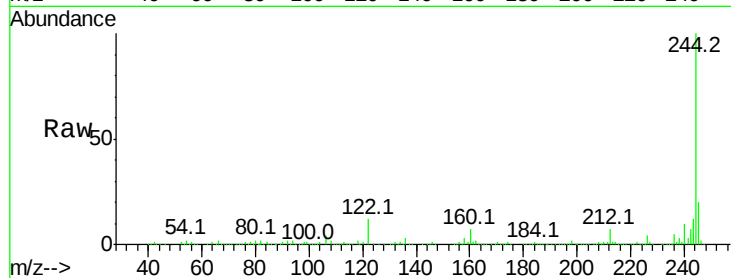




#78
 Terphenyl-d14
 Concen: 105.366 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1278618
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104292.D
 Acq: 6 Apr 2018 1:24

Tgt Ion:264 Resp: 228582
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.6 17.5 26.3

