

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104344.D
 Acq On : 7 Apr 2018 8:31
 Operator : JU/SJ
 Sample : J2225-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 00:48:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

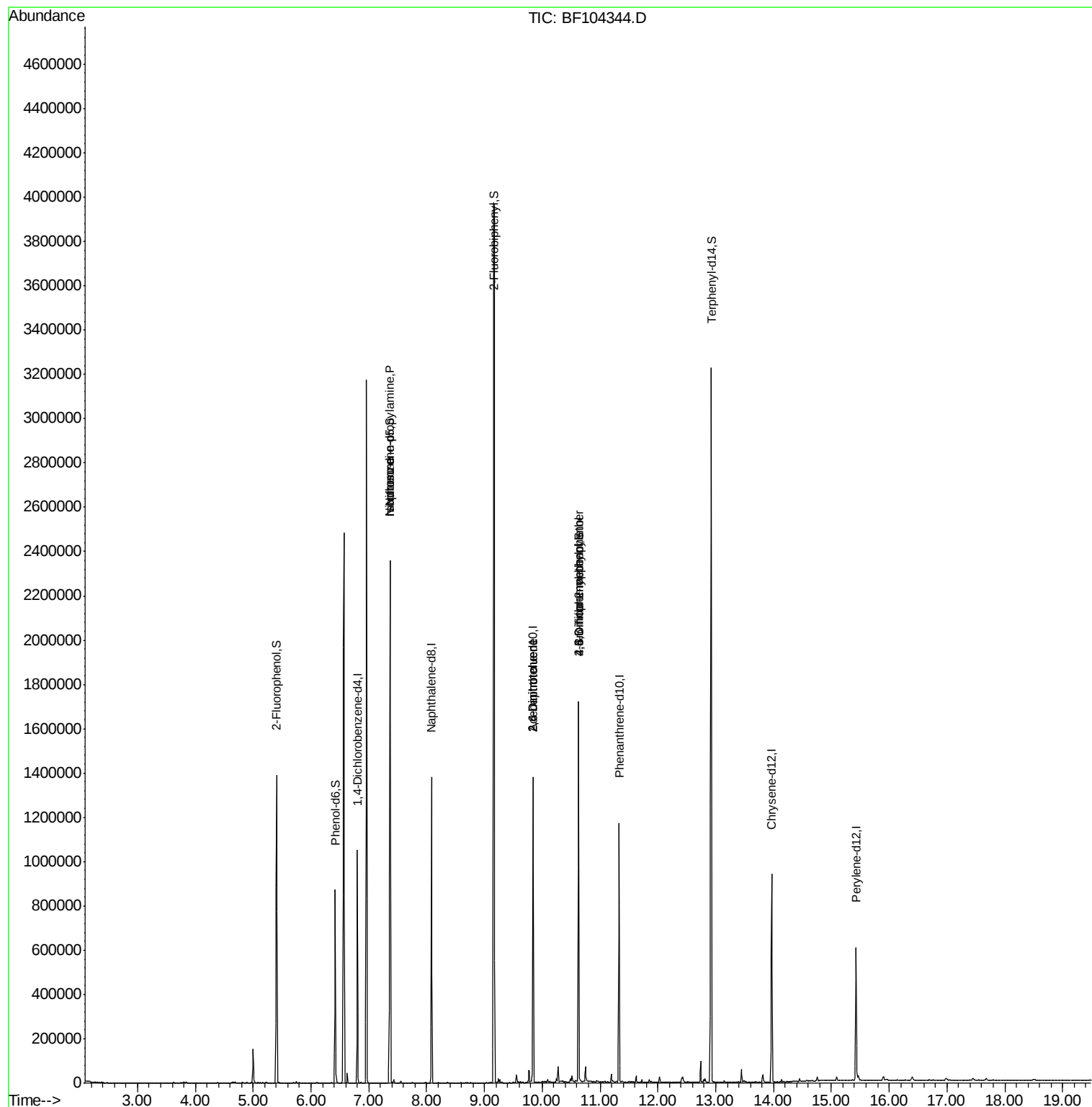
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143880	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571769	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	252984	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	377462	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283285	20.00	ng	0.00
86) Perylene-d12	15.43	264	261606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	367404	39.05	ng	0.00
7) Phenol-d6	6.42	99	274771	23.77	ng	-0.01
23) Nitrobenzene-d5	7.37	82	883157	100.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	201761	76.88	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1423165	88.87	ng	0.00
78) Terphenyl-d14	12.92	244	1086720	87.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	116542	15.426	ng	# 74
25) Isophorone	7.37	82	882753	47.674	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	32208	8.725	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	32208	6.652	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	414	7.538	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12435	3.097	ng	# 1
76) Benzidine	12.92	184	14351	Below Cal		98

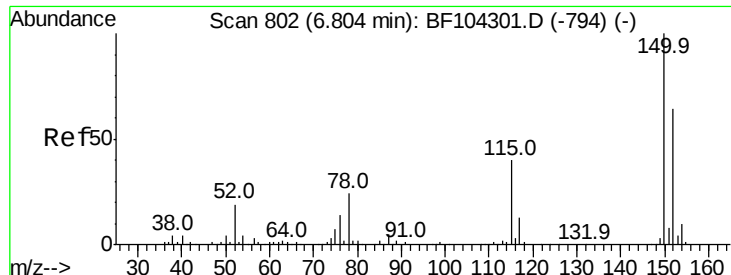
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104344.D
Acq On : 7 Apr 2018 8:31
Operator : JU/SJ
Sample : J2225-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 09 00:48:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



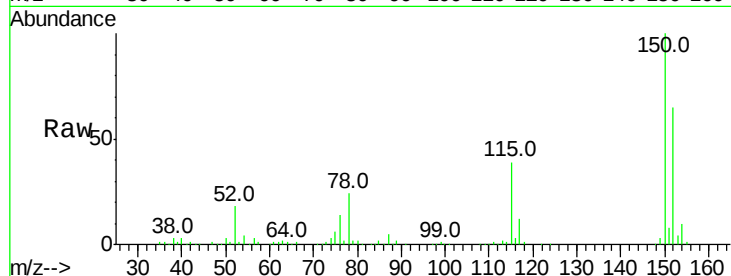


#1

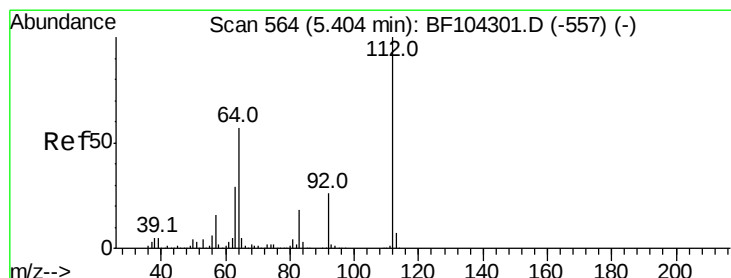
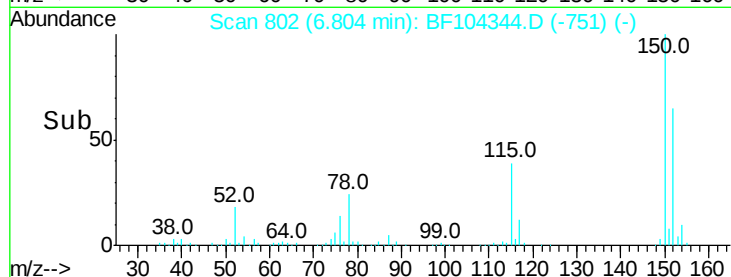
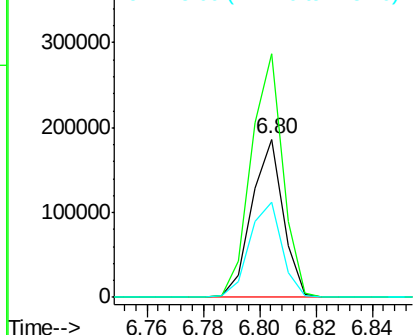
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104344.D
Acq: 7 Apr 2018 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143880
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.0 50.1 75.1



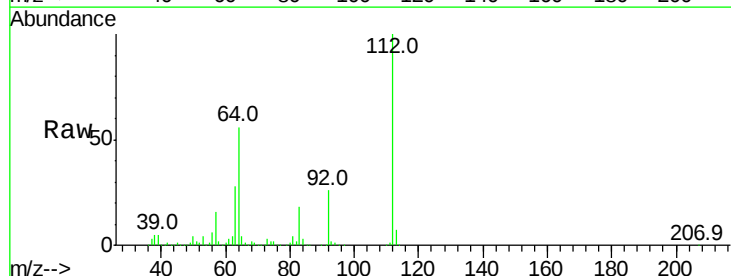
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



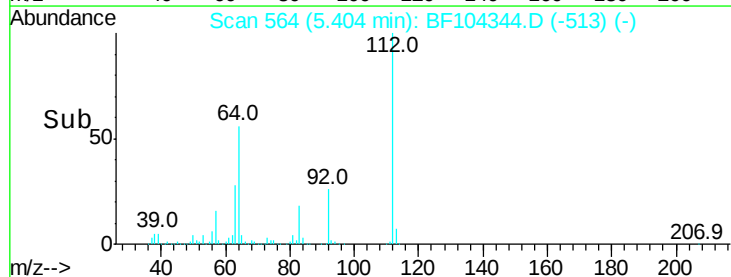
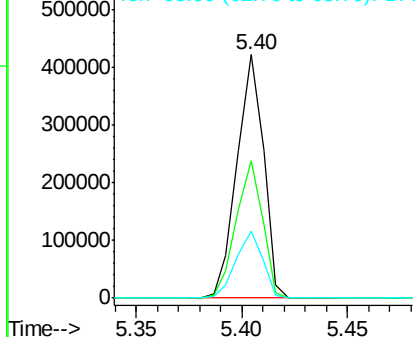
#5

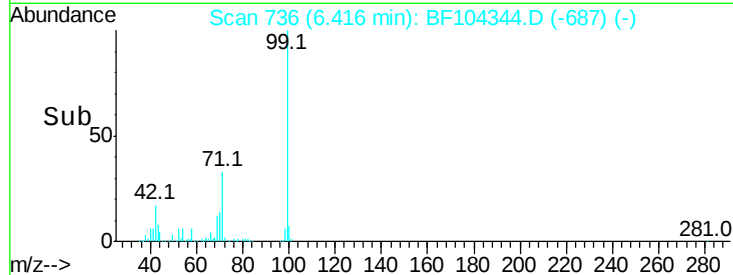
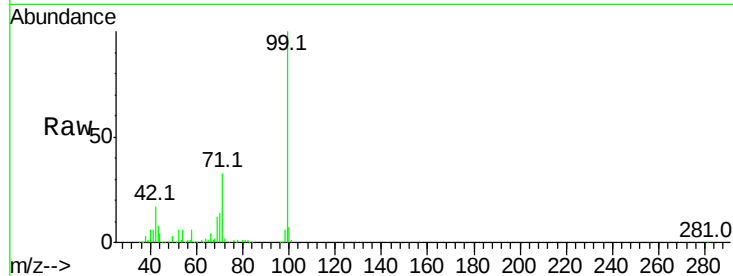
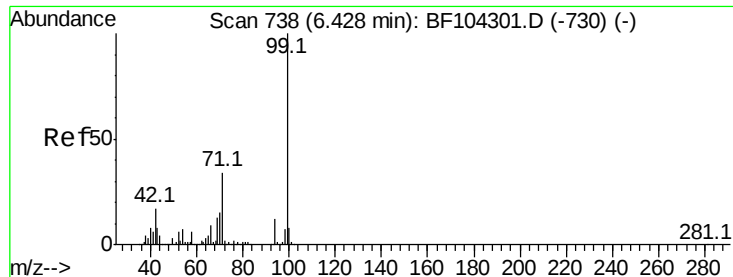
2-Fluorophenol
Concen: 39.045 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104344.D
Acq: 7 Apr 2018 8:31

Tgt Ion:112 Resp: 367404
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.7 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: 23.766 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104344.D

Acq: 7 Apr 2018 8:31

Instrument :

BNA_F

ClientSampleId :

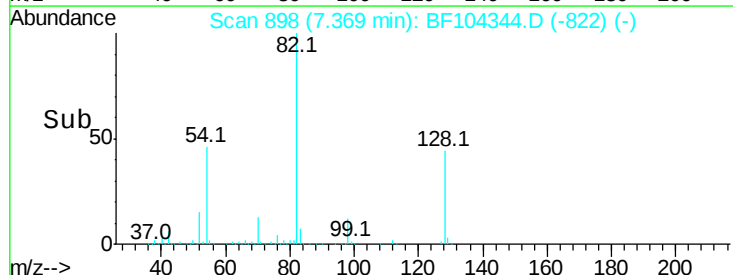
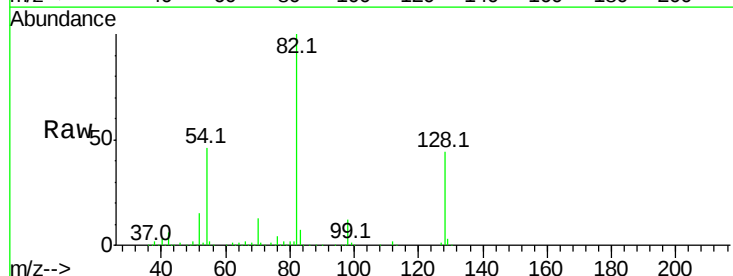
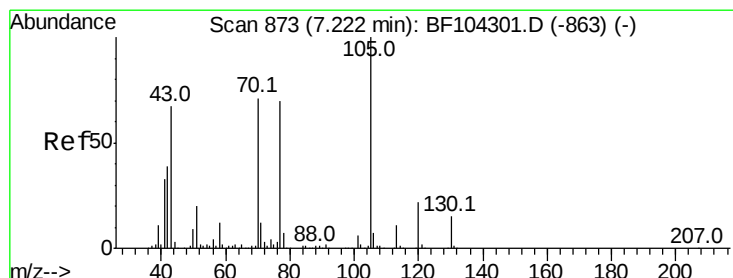
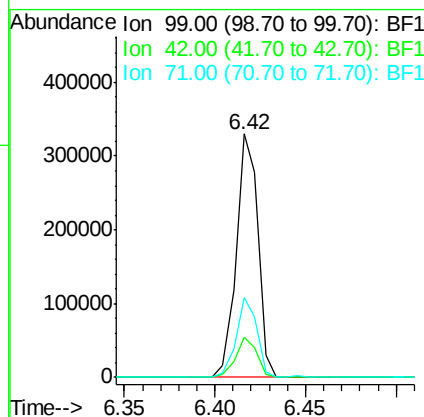
Tot Ion: 99 Resp: 274771

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.426 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104344.D

Acq: 7 Apr 2018 8:31

Tgt Ion: 70 Resp: 116542

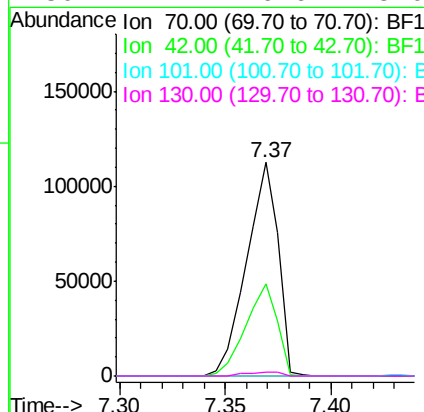
Ion Ratio Lower Upper

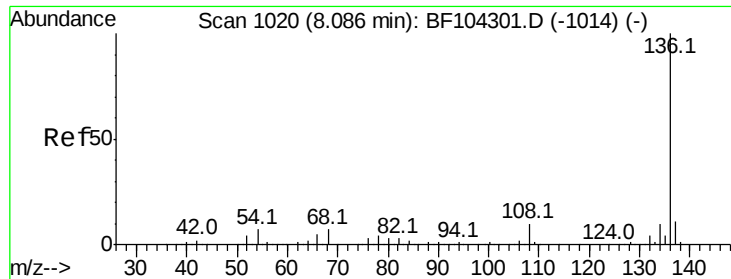
70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

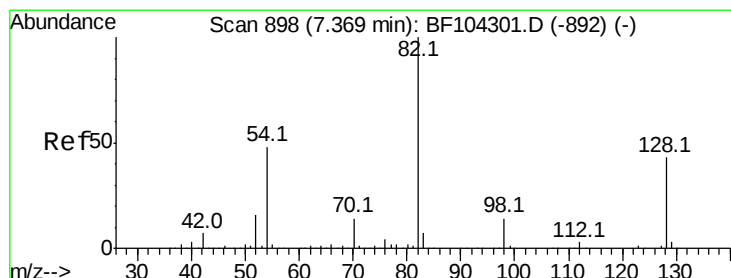
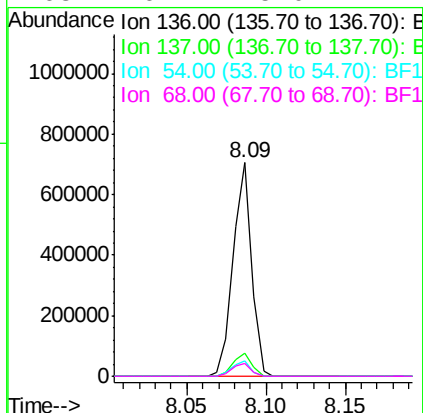
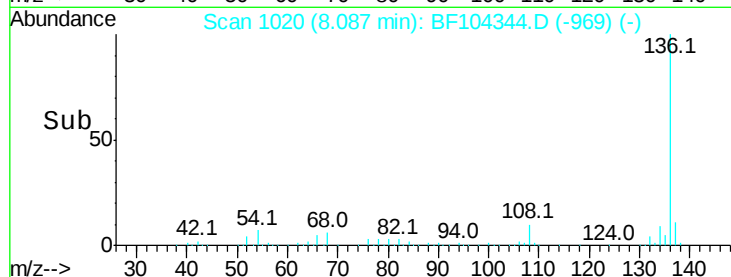
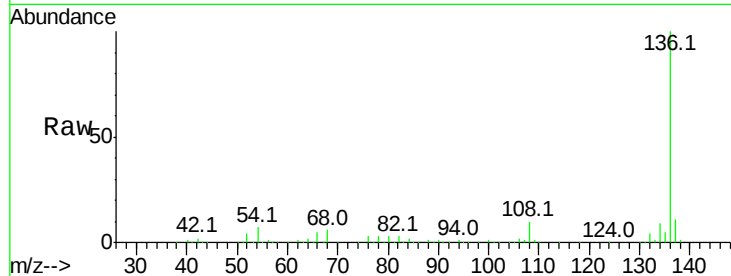




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104344.D
Acq: 7 Apr 2018 8:31

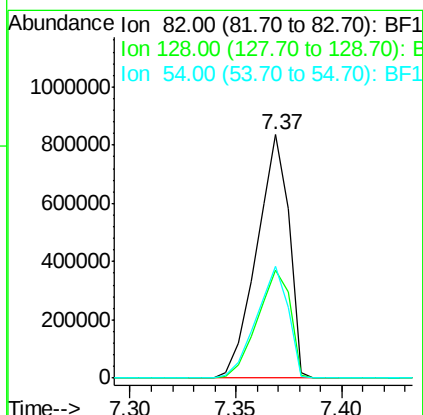
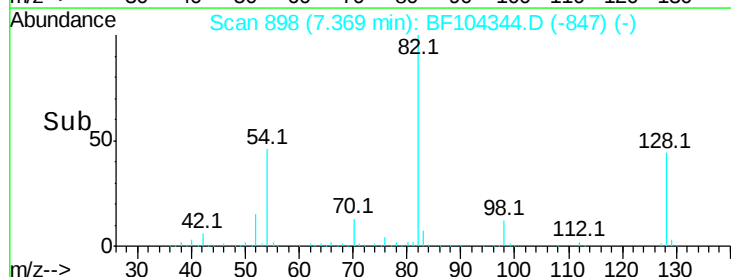
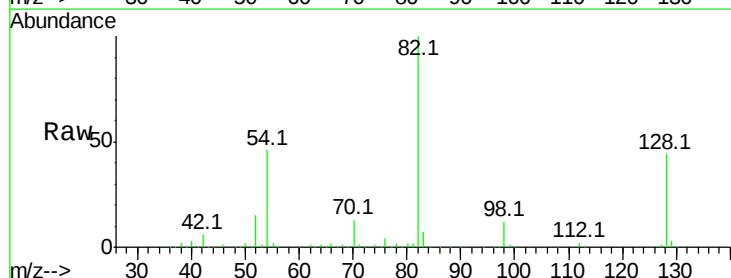
Instrument :
BNA_F
ClientSampleId :

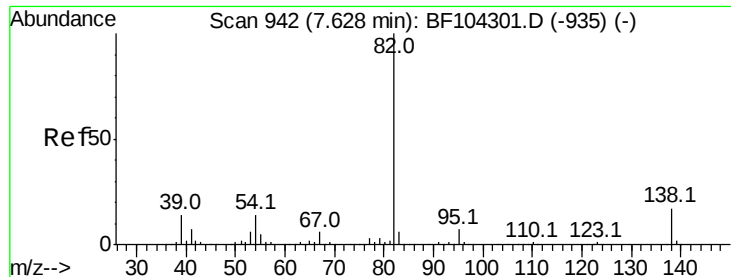
Tot Ion:	136	Resp:	571769
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 100.860 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104344.D
Acq: 7 Apr 2018 8:31

Tgt Ion:	82	Resp:	883157
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	46.1	41.4	62.2





#25

Isophorone

Concen: 47.674 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104344.D

Acq: 7 Apr 2018 8:31

Instrument :

BNA_F

ClientSampleId :

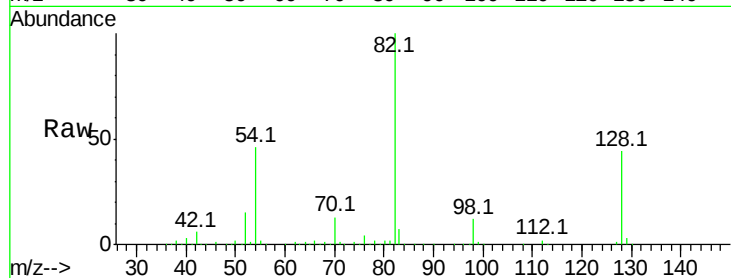
Tot Ion: 82 Resp: 882753

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

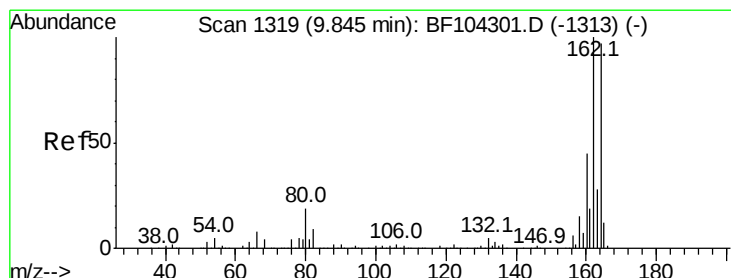
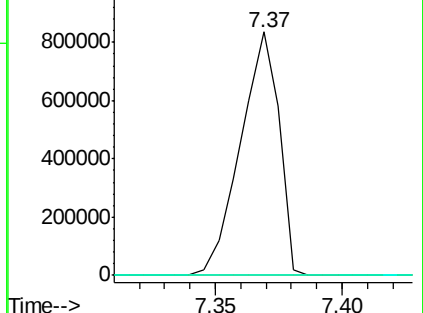
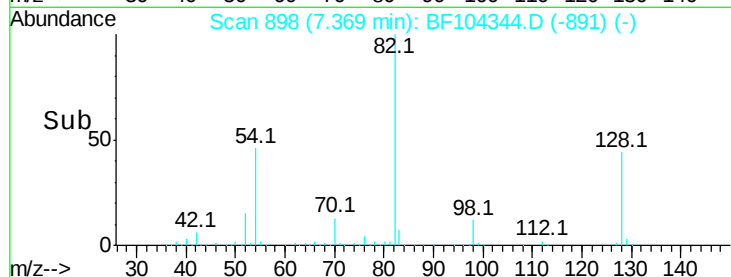
138 0.0 14.9 22.3#



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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104344.D

Acq: 7 Apr 2018 8:31

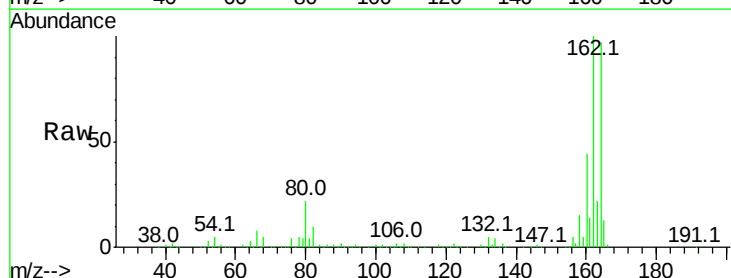
Tgt Ion:164 Resp: 252984

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

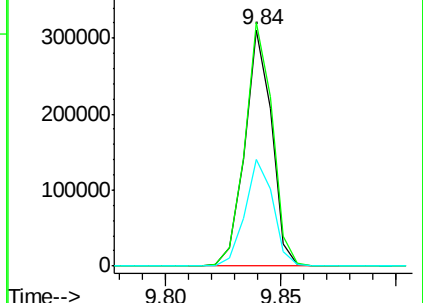
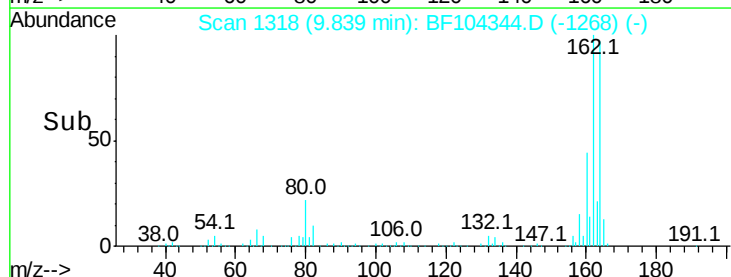
160 45.0 38.3 57.5

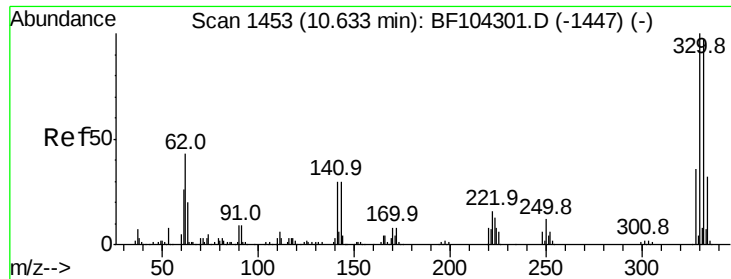


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

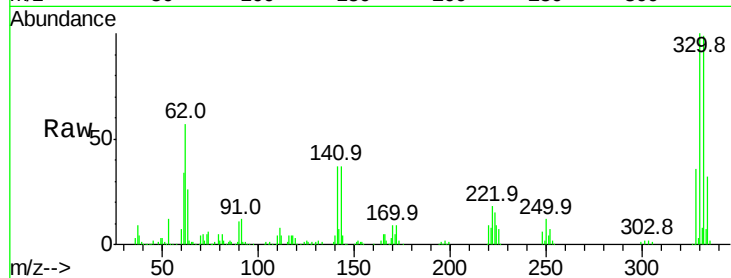




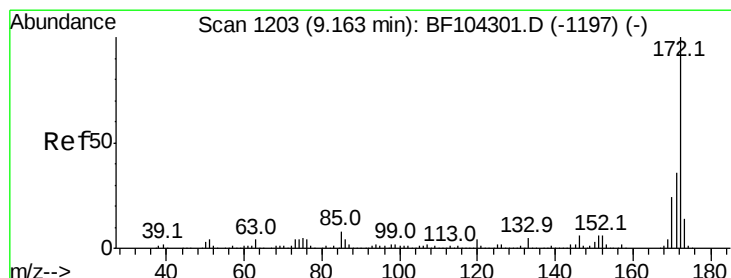
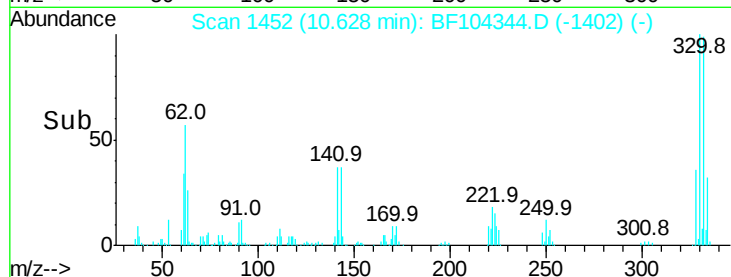
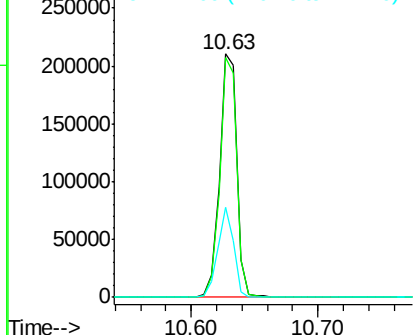
#41
 2,4,6-Tribromophenol
 Concen: 76.883 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 201761
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 34.6 29.9 44.9

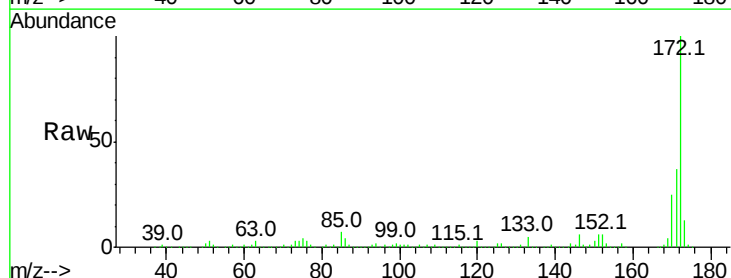


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

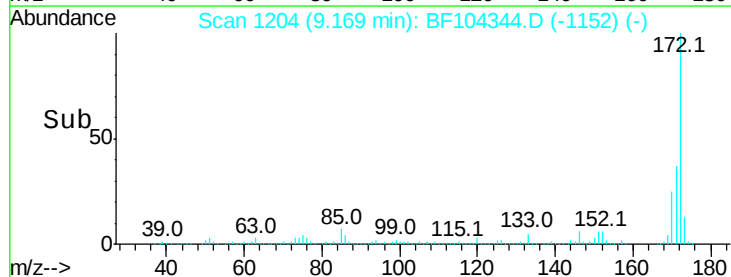
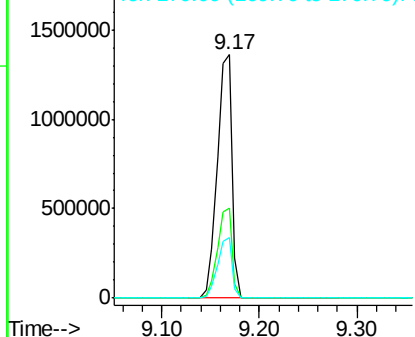


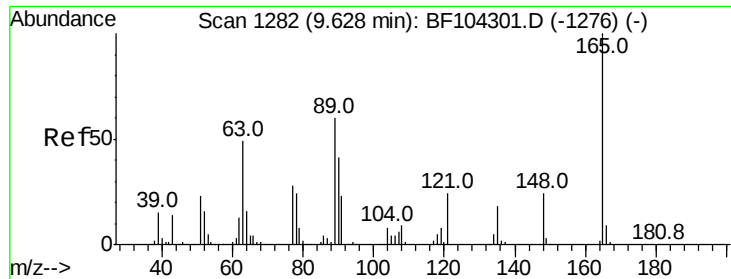
#44
 2-Fluorobiphenyl
 Concen: 88.869 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Tgt Ion:172 Resp: 1423165
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.6 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

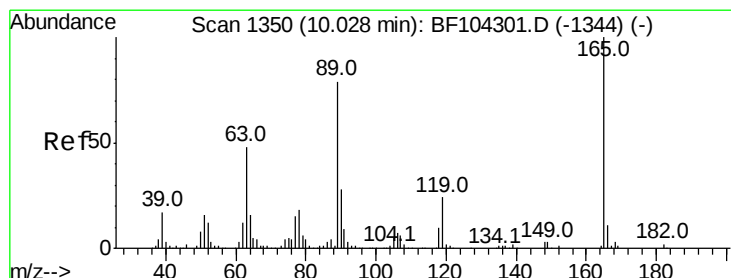
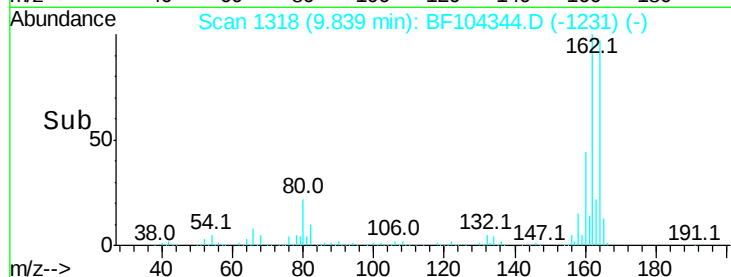
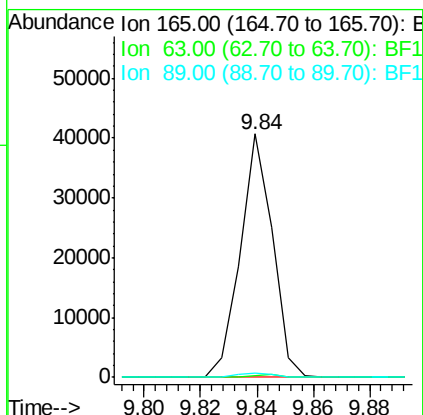
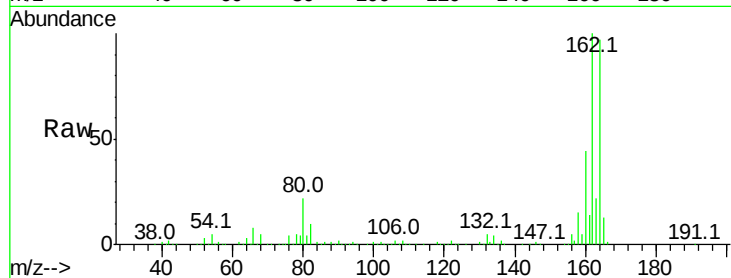




#50
 2,6-Dinitrotoluene
 Concen: 8.725 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

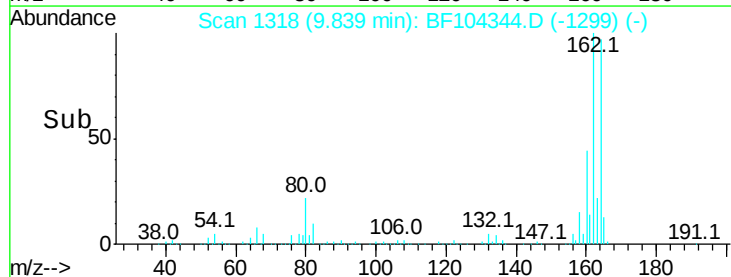
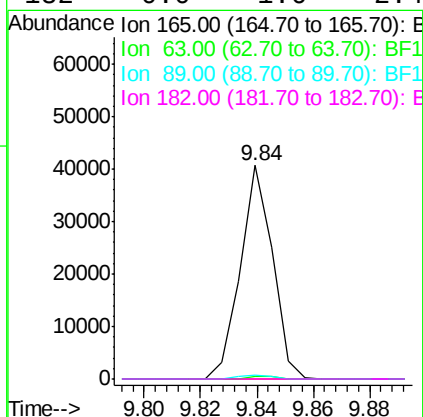
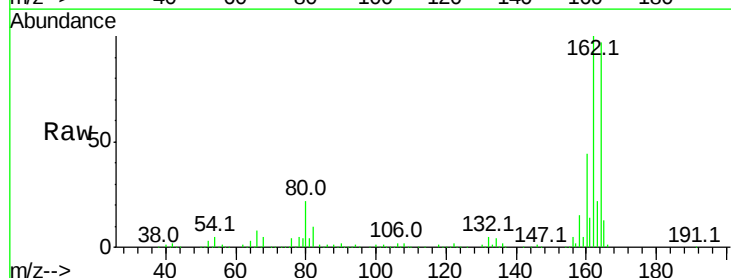
Instrument :
 BNA_F
 ClientSampleId :

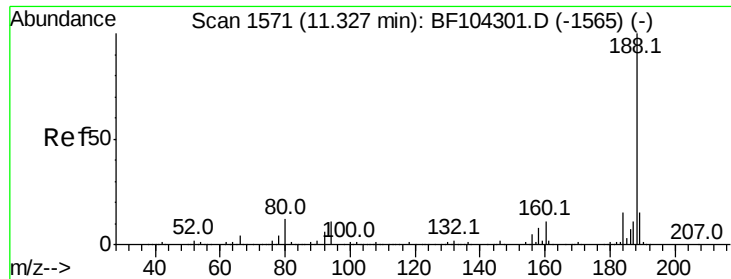
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.652 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

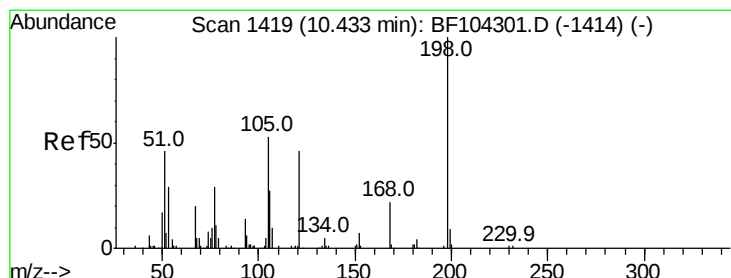
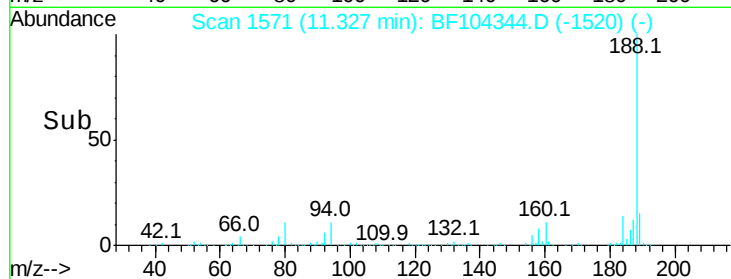
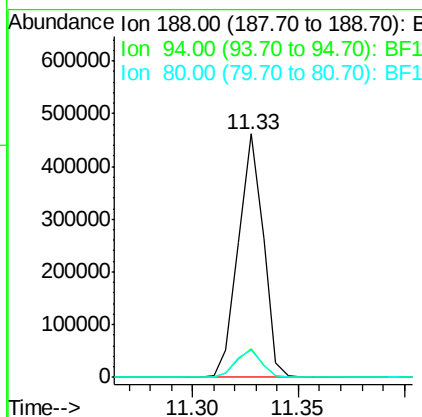
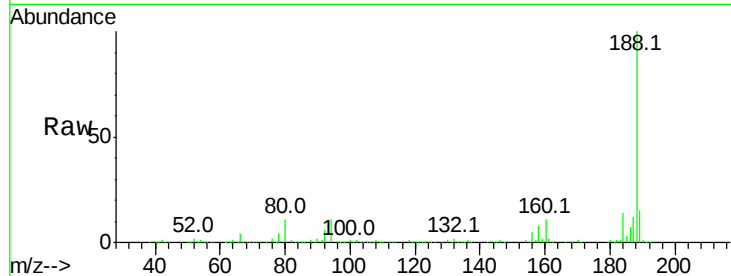




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

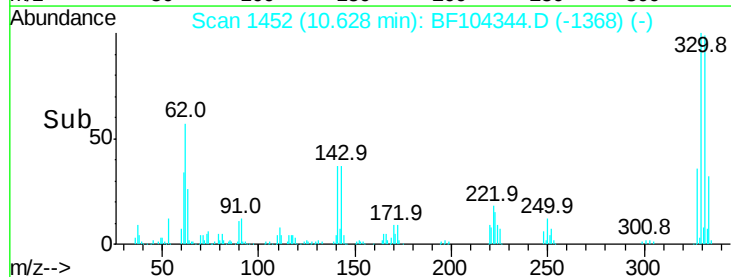
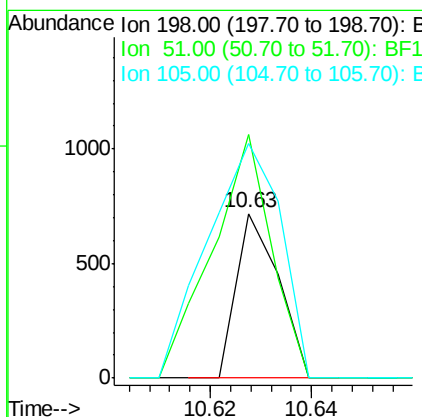
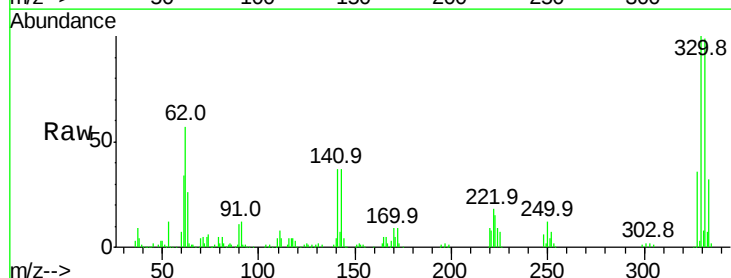
Instrument :
 BNA_F
 ClientSampleId :

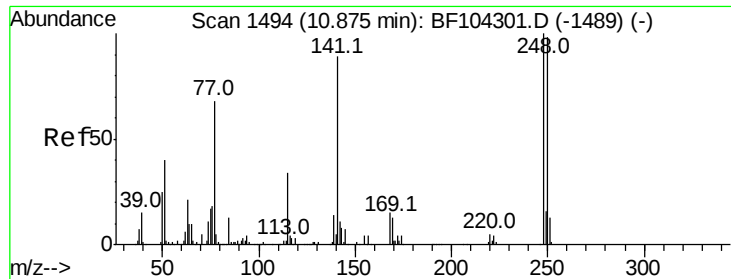
Tot Ion:188 Resp: 377462
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 11.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.538 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Tgt Ion:198 Resp: 414
 Ion Ratio Lower Upper
 198 100
 51 148.3 37.7 77.7#
 105 142.7 36.3 76.3#

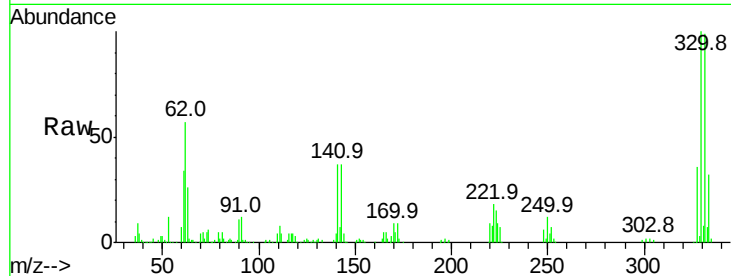




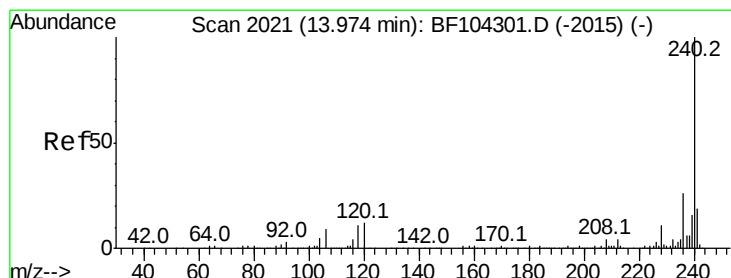
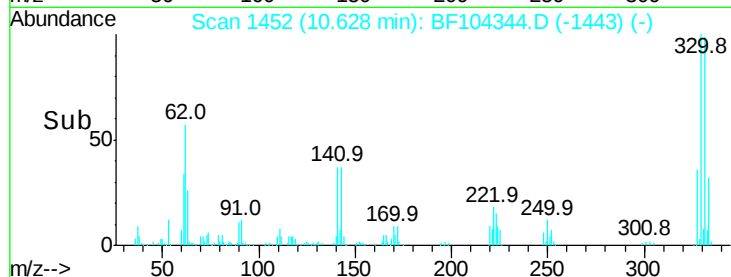
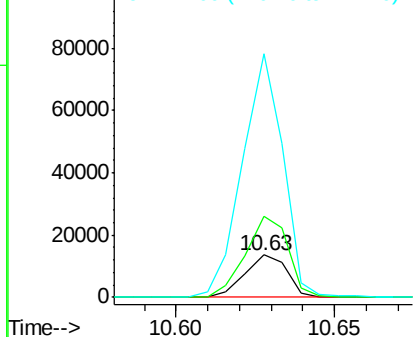
#66
 4-Bromophenyl-phenylether
 Concen: 3.097 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12435
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.9 115.3#
 141 577.1 74.4 111.6#

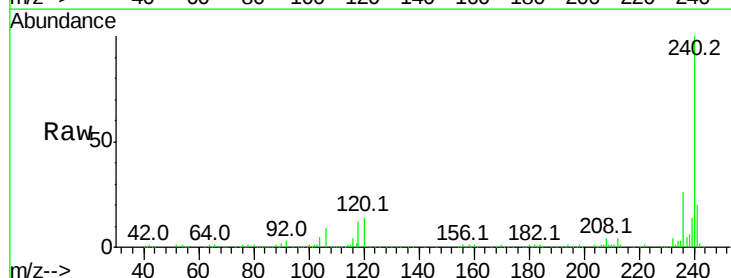


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

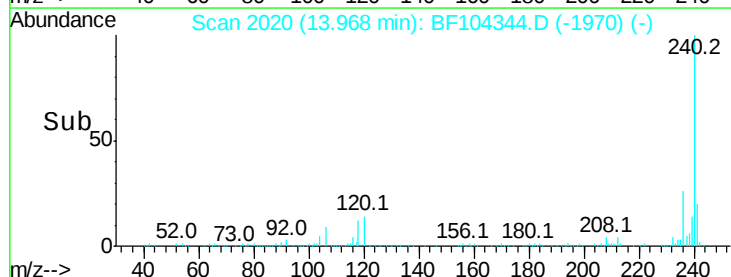
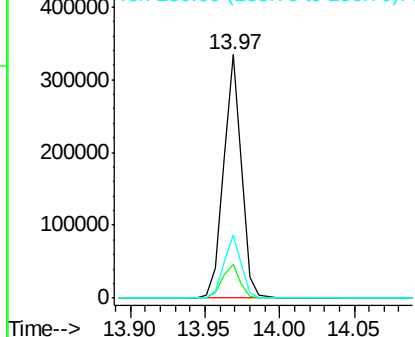


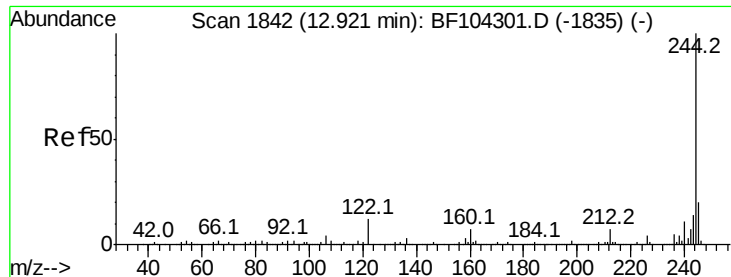
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Tgt Ion:240 Resp: 283285
 Ion Ratio Lower Upper
 240 100
 120 13.7 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

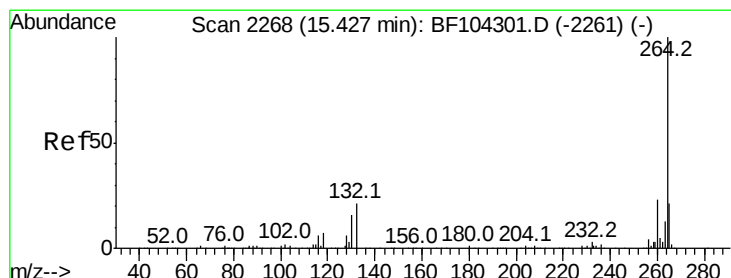
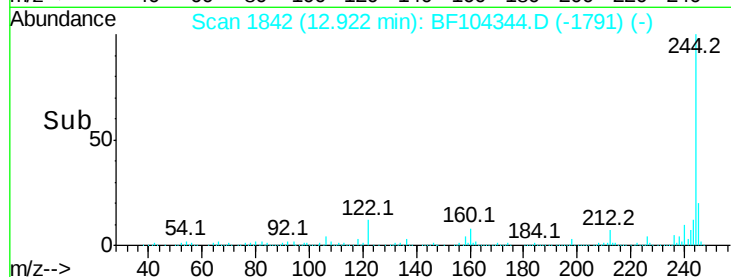
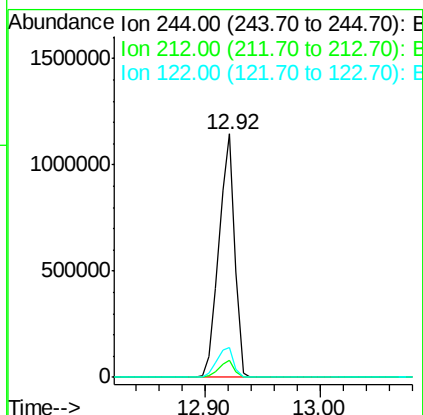
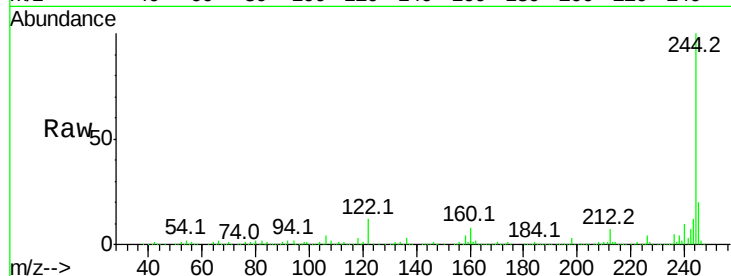




#78
 Terphenyl-d14
 Concen: 87.457 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1086720
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104344.D
 Acq: 7 Apr 2018 8:31

Tgt Ion:264 Resp: 261606
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.2 17.5 26.3

