

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102110.D
 Acq On : 16 Jan 2018 15:36
 Operator : SJ/JU
 Sample : J1113-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:32:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171972	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	697495	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	295485	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	447986	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	291239	20.00	ng	-0.02
86) Perylene-d12	15.28	264	261626	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1230741	101.06	ng	0.01
7) Phenol-d6	6.36	99	1468433	101.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	960836	80.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	288762	111.98	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1528498	80.81	ng	-0.01
78) Terphenyl-d14	12.82	244	998581	71.19	ng	-0.01

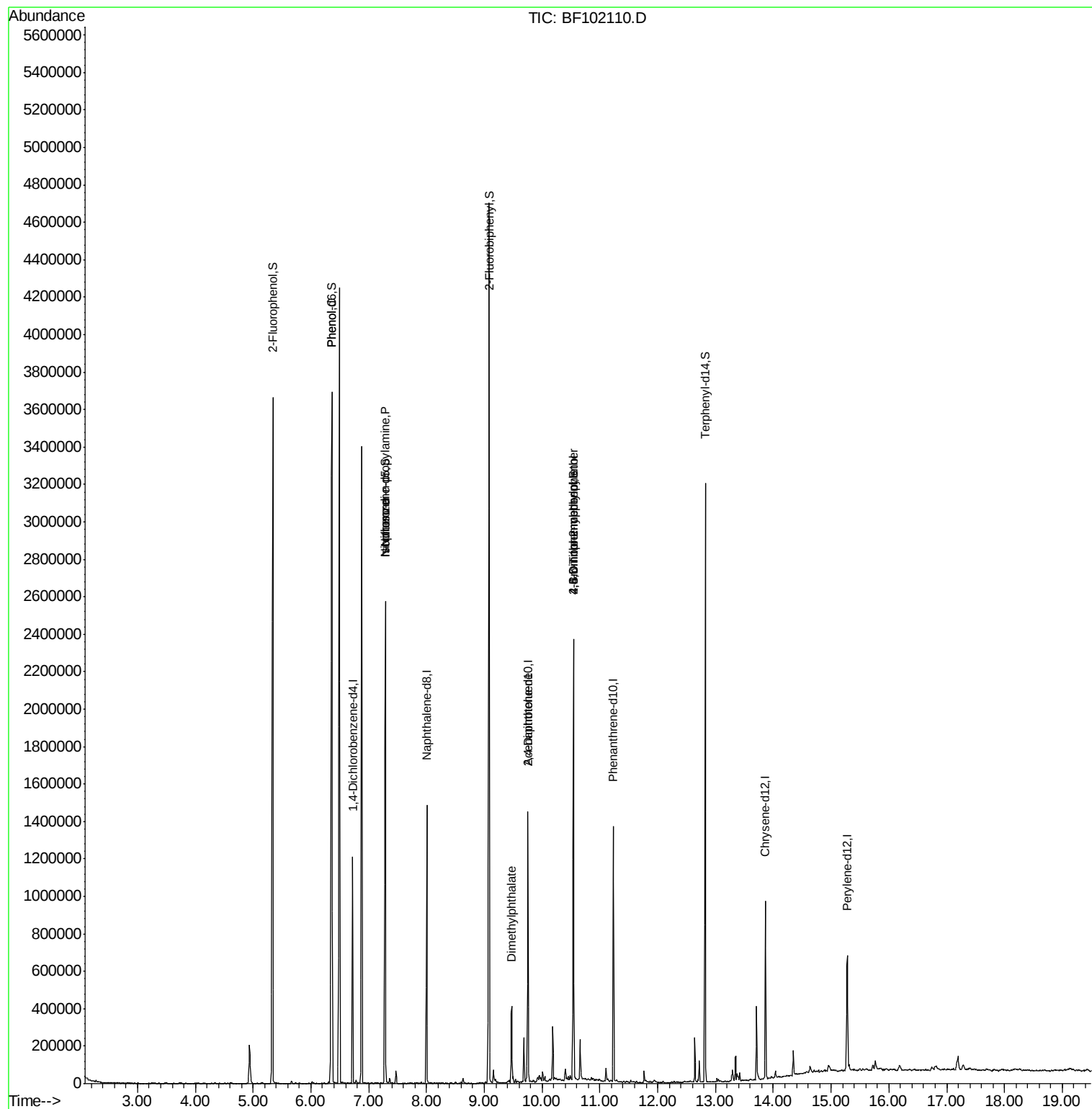
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	39924	2.431	ng	# 75
19) n-Nitroso-di-n-propylamine	7.29	70	130187	13.672	ng	# 80
25) Isophorone	7.29	82	958036	40.849	ng	# 64
49) Dimethylphthalate	9.47	163	155624	6.565	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	37466	6.313	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	499	5.843	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18591	3.930	ng	# 1

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

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102110.D
Acq On : 16 Jan 2018 15:36
Operator : SJ/JU
Sample : J1113-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 23:32:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



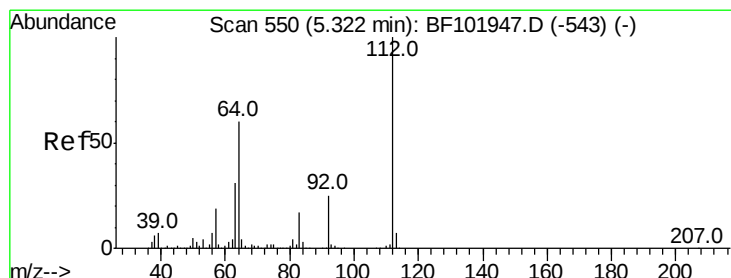
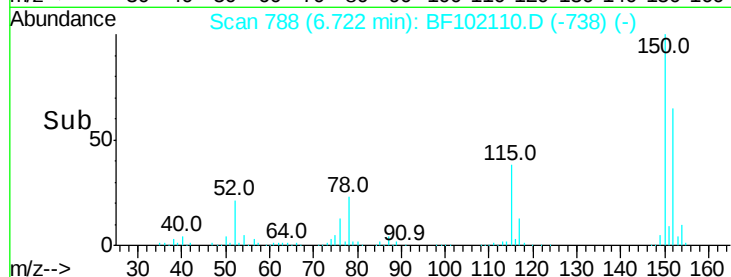
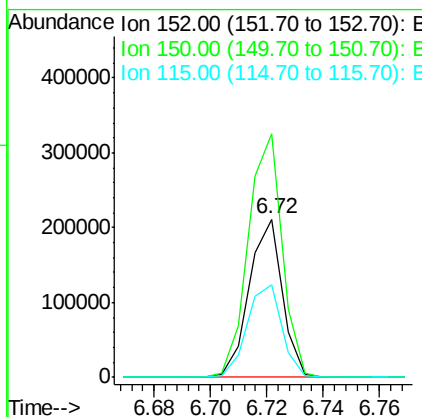
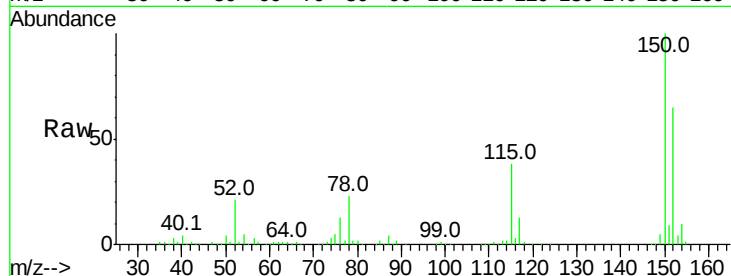


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Instrument :
BNA_F
ClientSampleId :

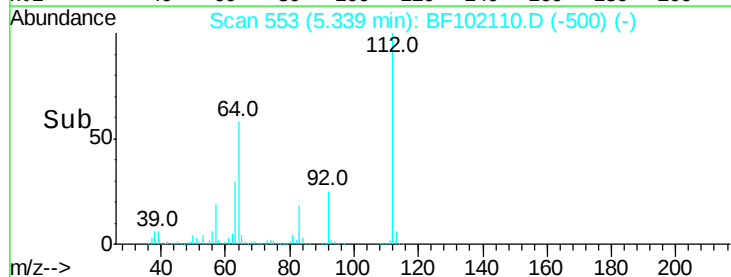
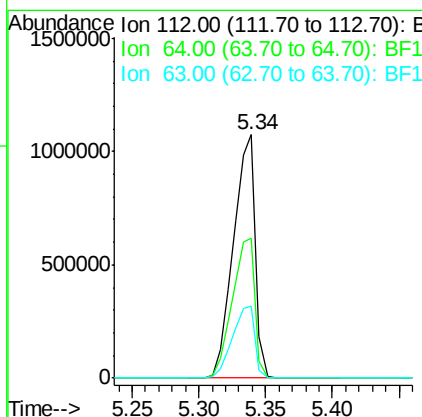
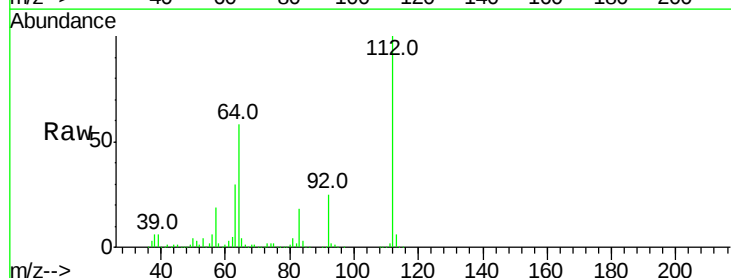
Tot Ion:152 Resp: 171972
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.9 50.1 75.1



#5

2-Fluorophenol
Concen: 101.058 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:112 Resp: 1230741
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 101.060 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

Instrument :

BNA_F

ClientSampleId :

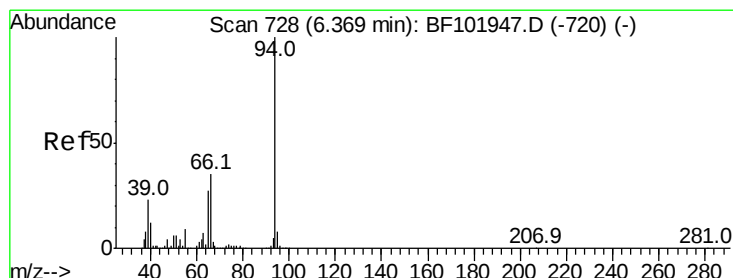
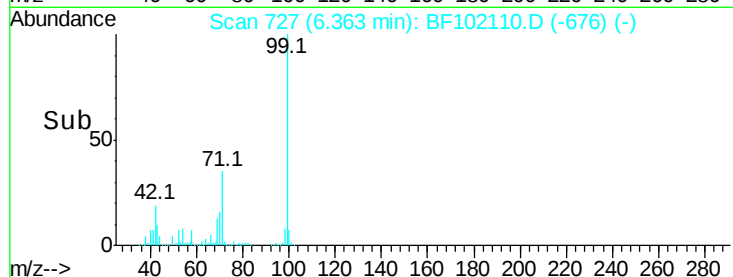
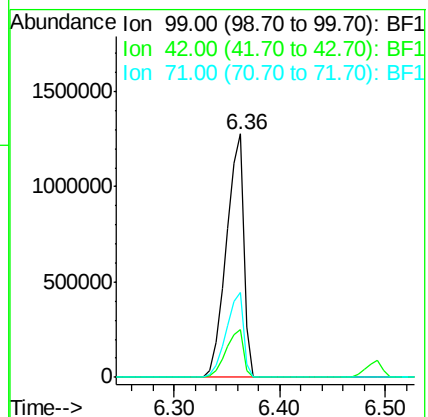
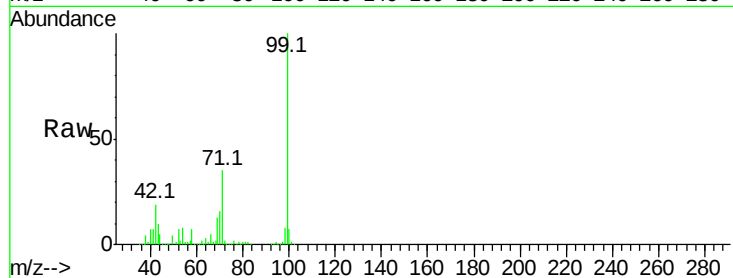
Tot Ion: 99 Resp: 1468433

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.1 25.4 38.0



#10

Phenol

Concen: 2.431 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

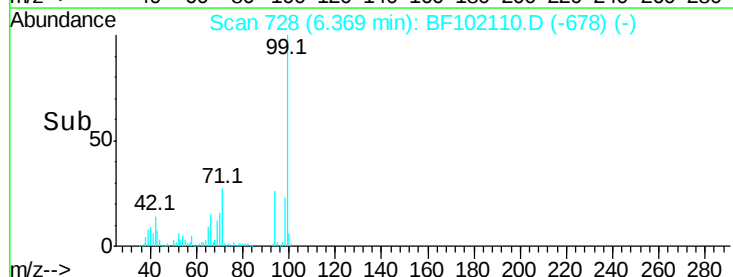
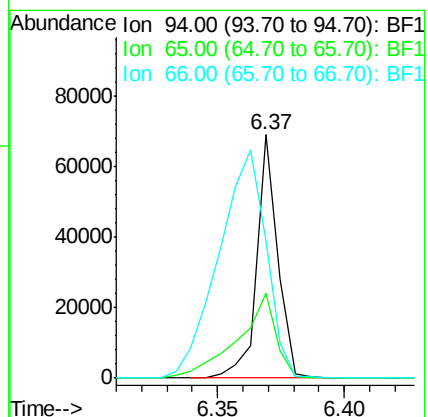
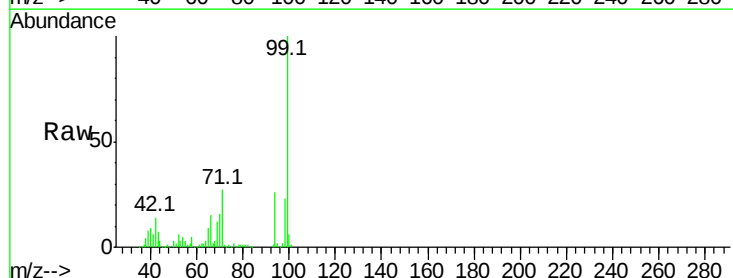
Tgt Ion: 94 Resp: 39924

Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

66 56.6 16.2 56.2#

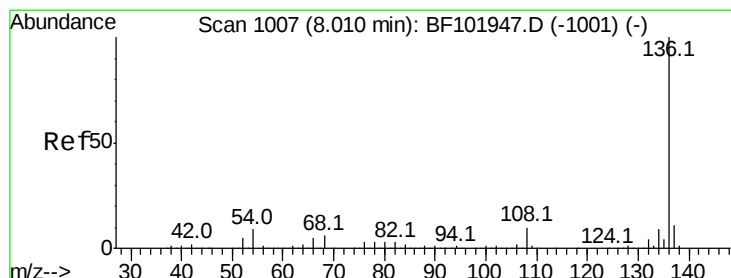
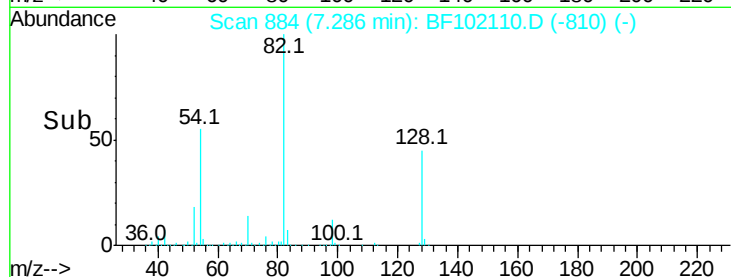
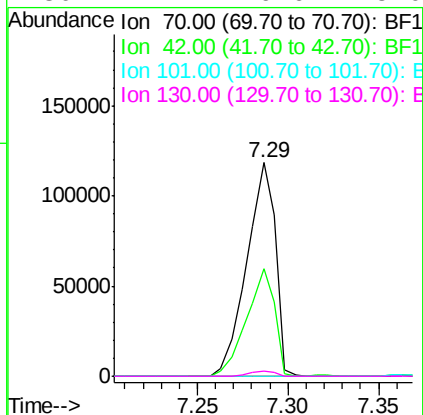
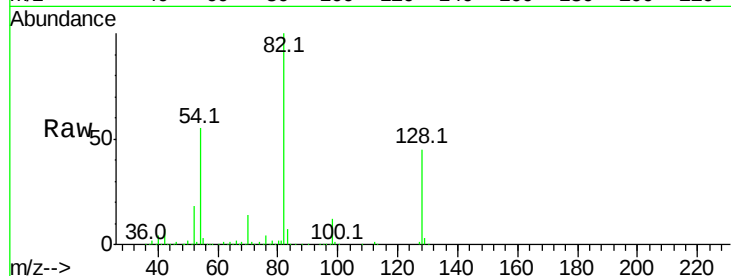




#19
n-Nitroso-di-n-propylamine
Concen: 13.672 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

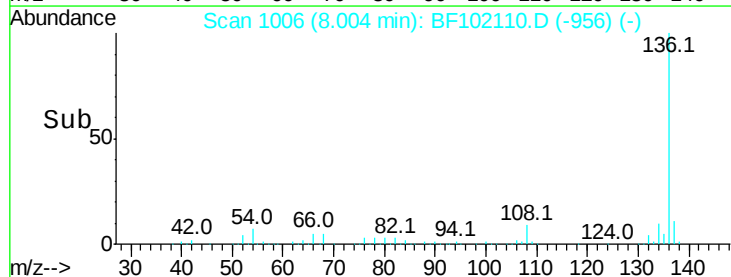
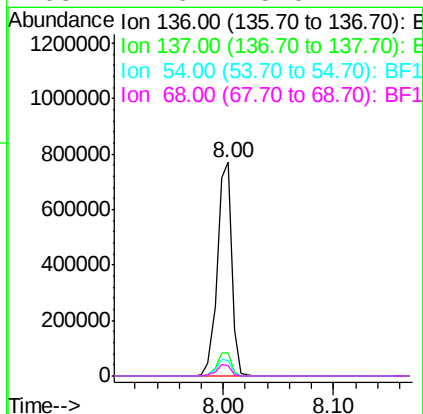
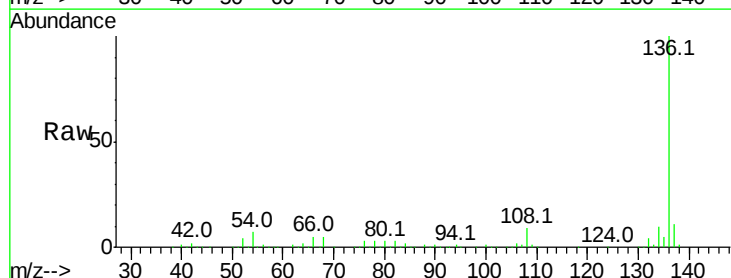
Instrument :
BNA_F
ClientSampleId :

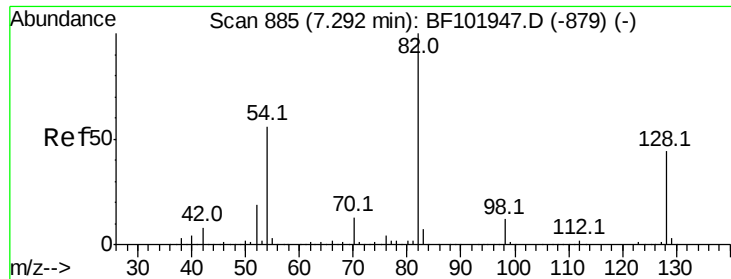
Tot Ion: 70 Resp: 130187
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:136 Resp: 697495
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 6.6 9.8
68 4.6 5.0 7.4#

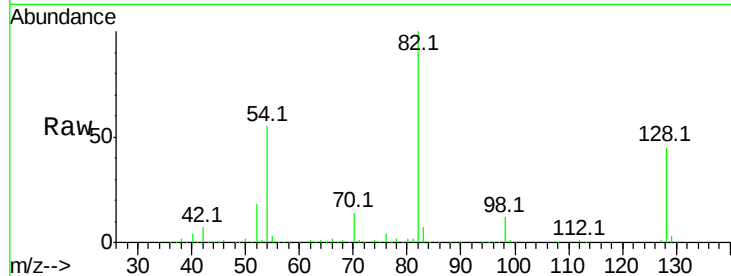




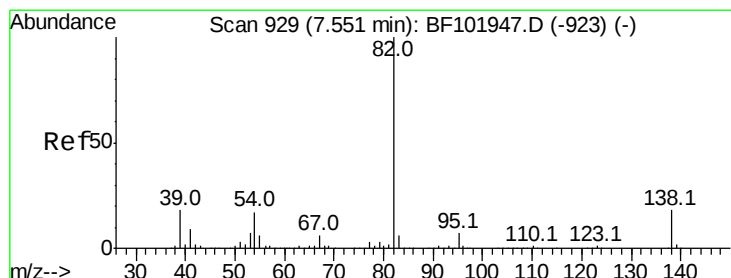
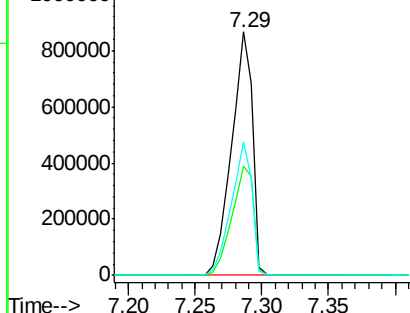
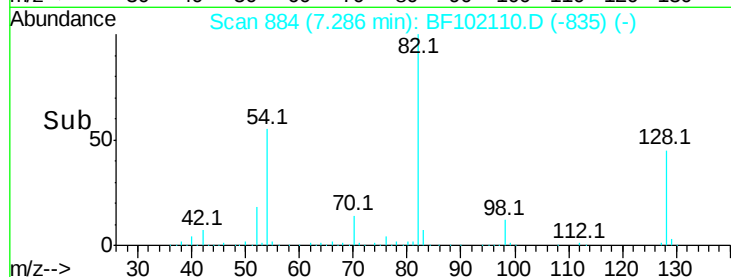
#23
 Nitrobenzene-d5
 Concen: 80.951 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	960836
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	54.8	41.4	62.2

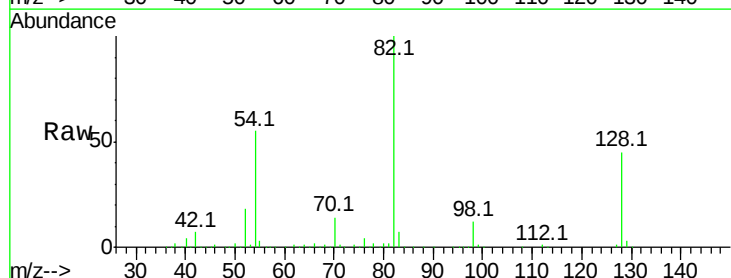


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

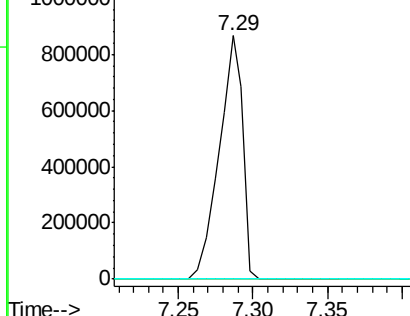
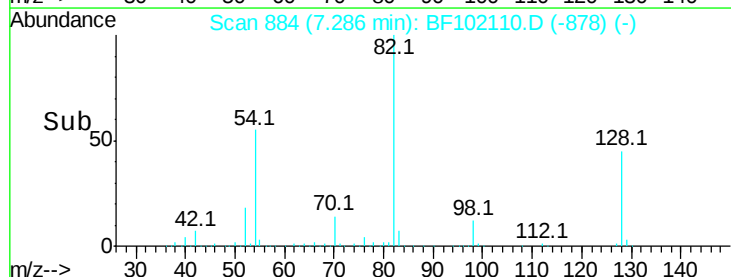


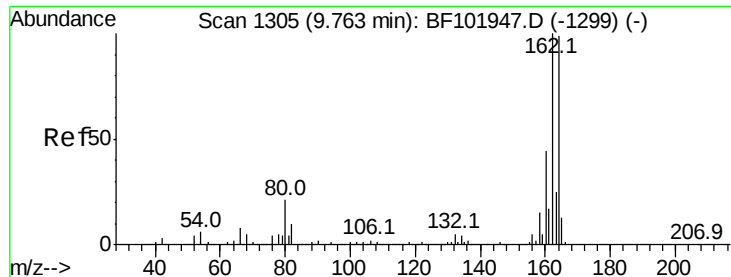
#25
 Isophorone
 Concen: 40.849 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

Tgt Ion	82	Resp	958036
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

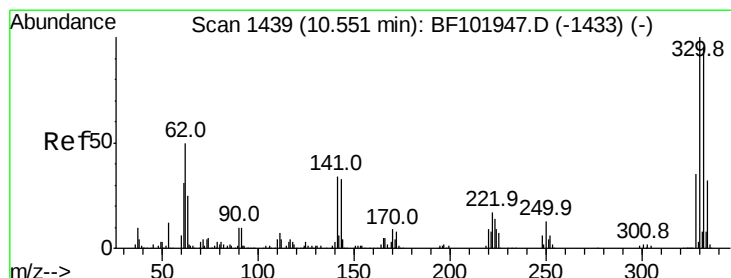
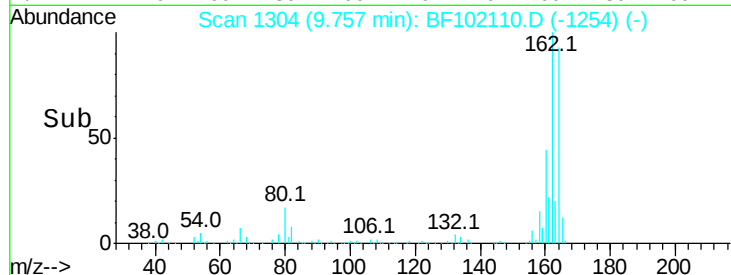
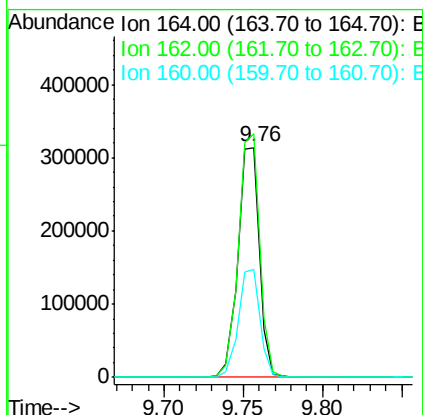
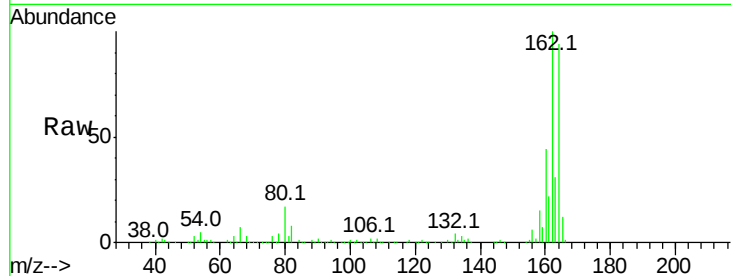




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

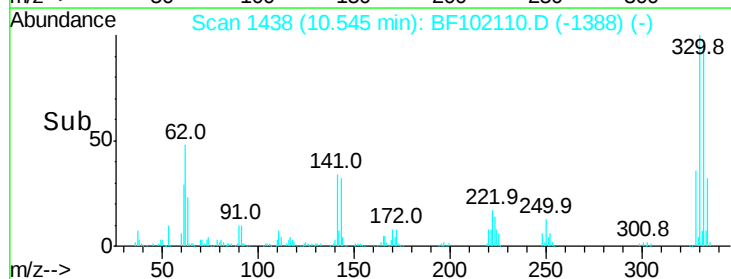
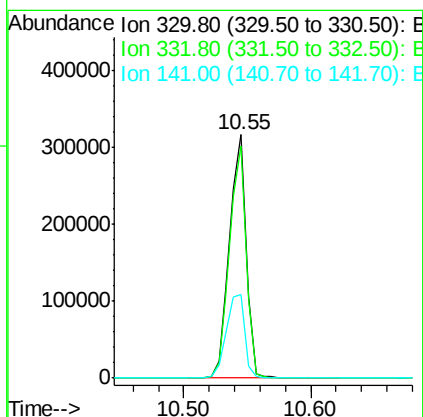
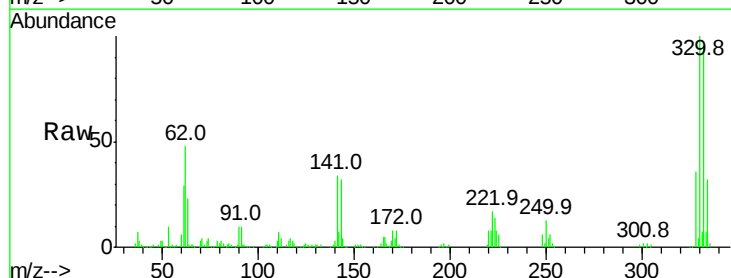
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 295485
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 46.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 111.981 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

Tgt Ion:330 Resp: 288762
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 38.0 29.9 44.9

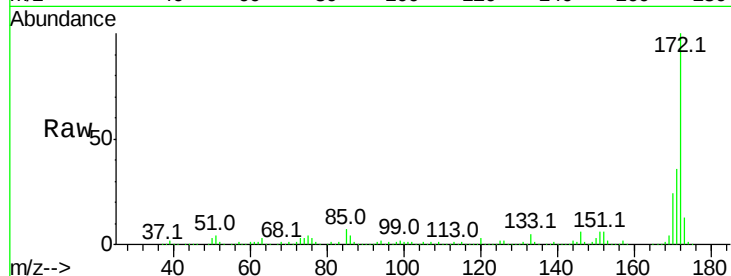




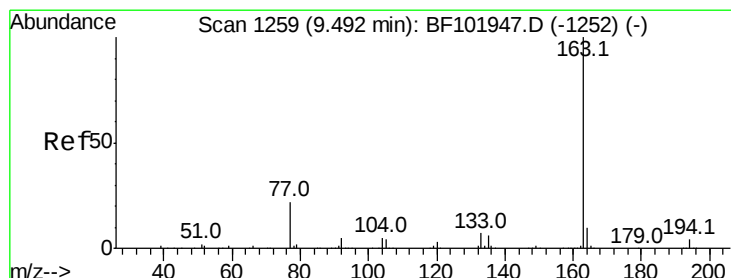
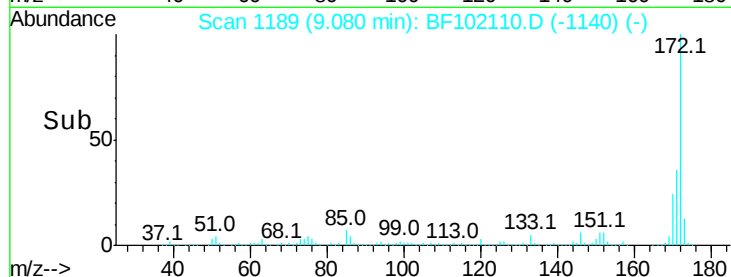
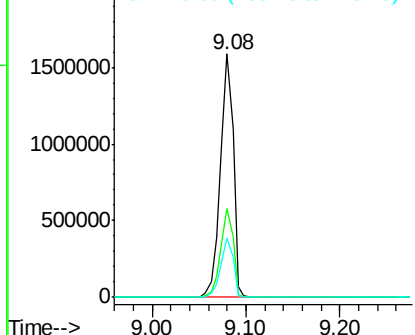
#44
2-Fluorobiphenyl
Concen: 80.814 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1528498
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

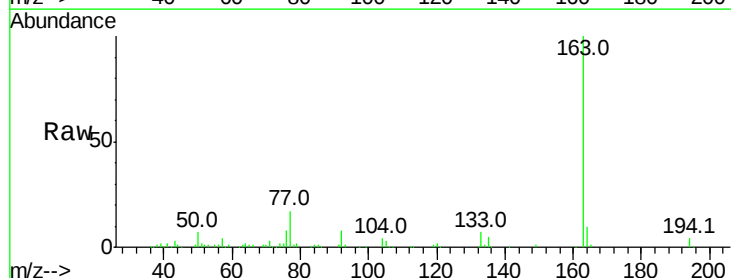


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

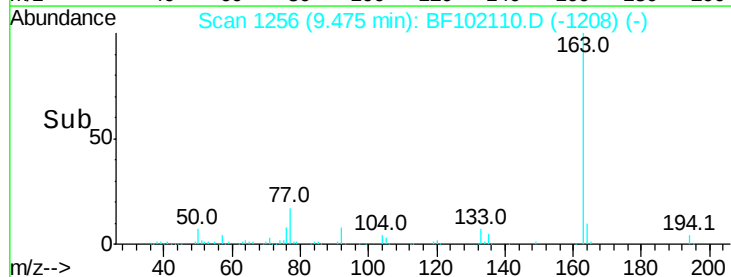
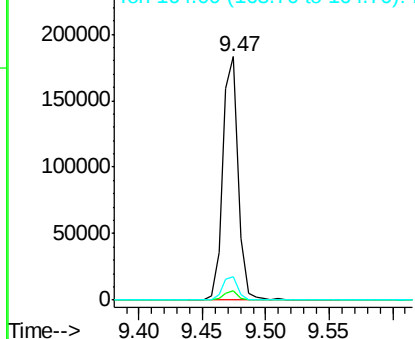


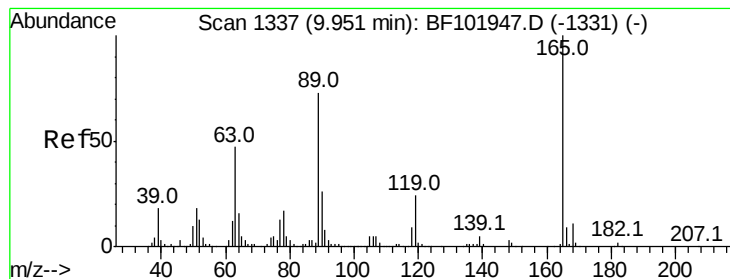
#49
Dimethylphthalate
Concen: 6.565 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102110.D
Acq: 16 Jan 2018 15:36

Tgt Ion:163 Resp: 155624
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.313 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 37466

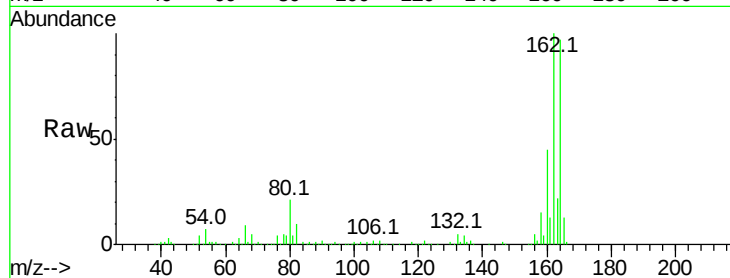
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.8 57.8 86.6#

182 0.0 1.6 2.4#

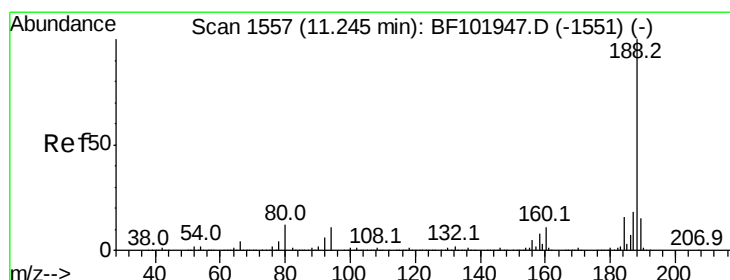
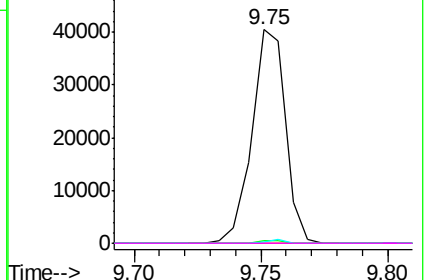
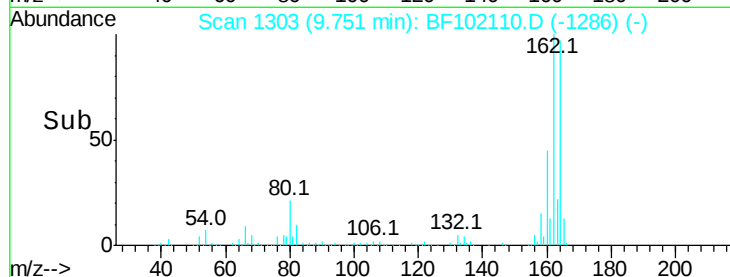


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

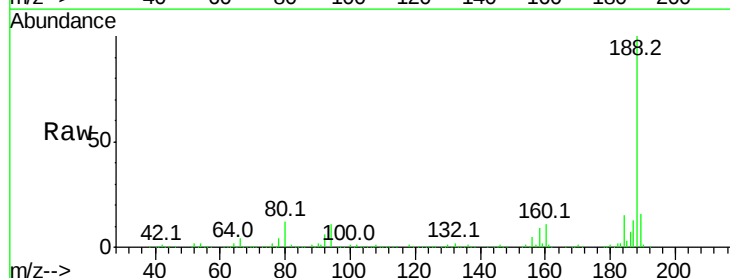
Tgt Ion:188 Resp: 447986

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

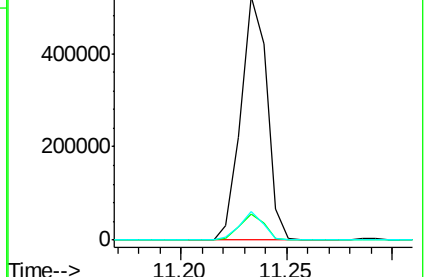
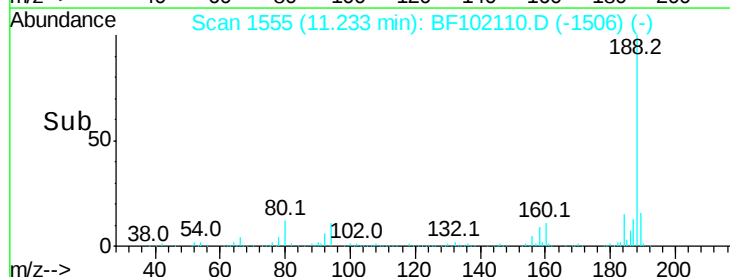
80 11.7 9.2 13.8

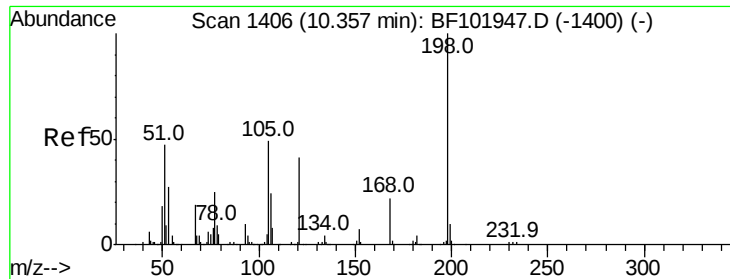


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

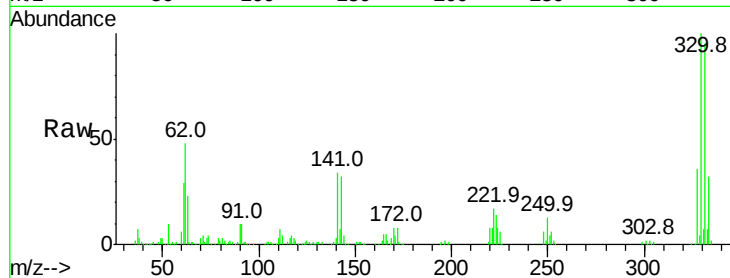




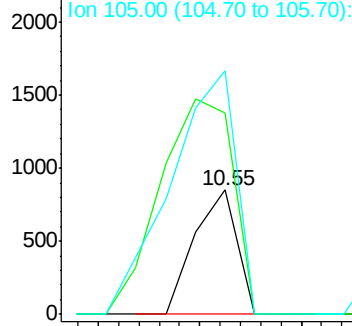
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.843 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :

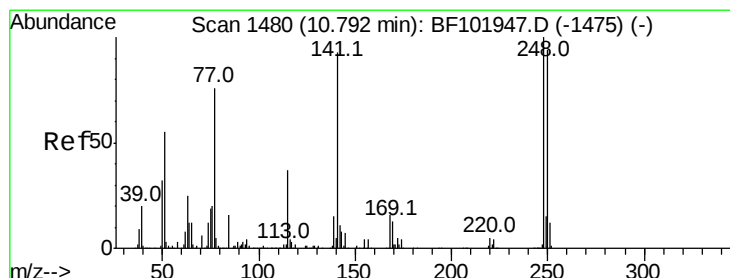
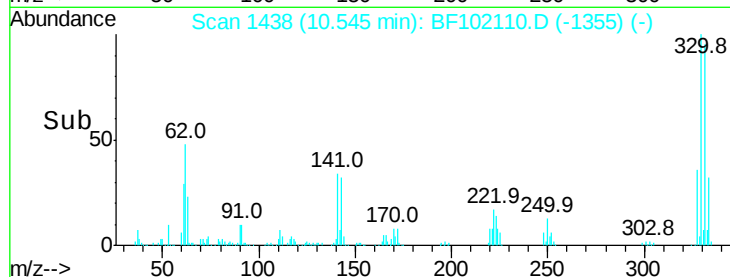
Tot Ion:198 Resp: 499
 Ion Ratio Lower Upper
 198 100
 51 161.7 37.7 77.7#
 105 195.8 36.3 76.3#



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

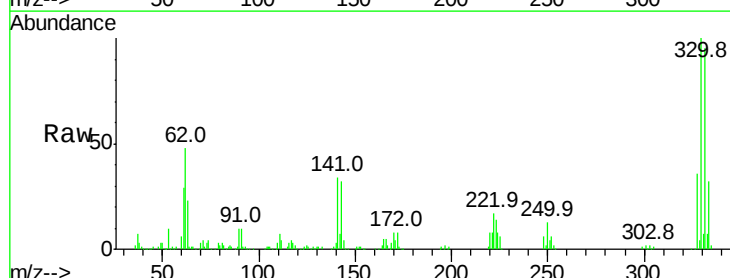


Time-->

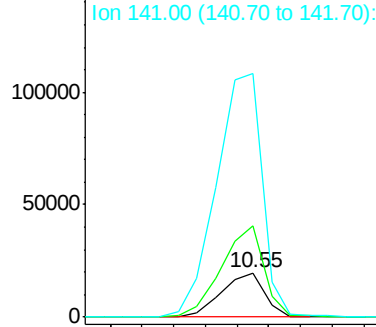


#66
 4-Bromophenyl-phenylether
 Concen: 3.930 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

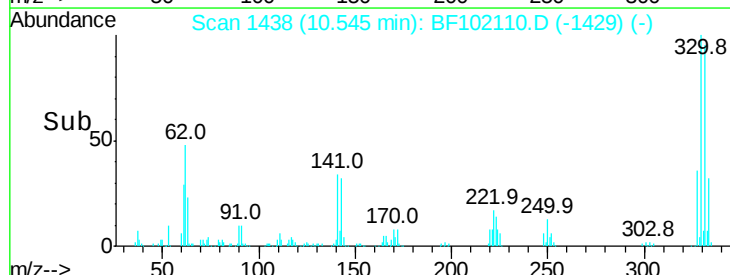
Tgt Ion:248 Resp: 18591
 Ion Ratio Lower Upper
 248 100
 250 206.0 76.9 115.3#
 141 548.5 74.4 111.6#

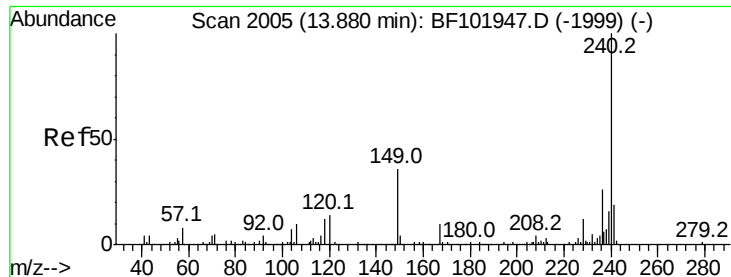


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

Instrument :

BNA_F

ClientSampleId :

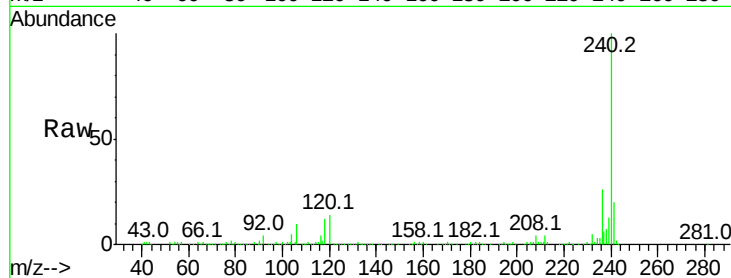
Tot Ion:240 Resp: 291239

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

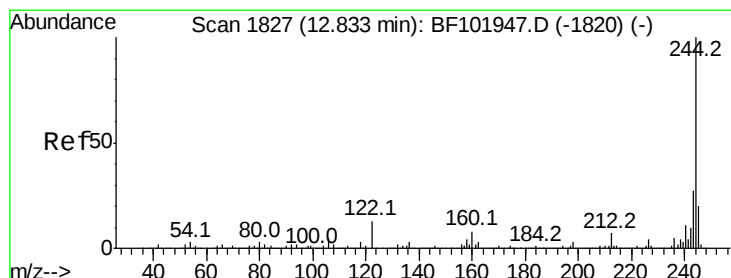
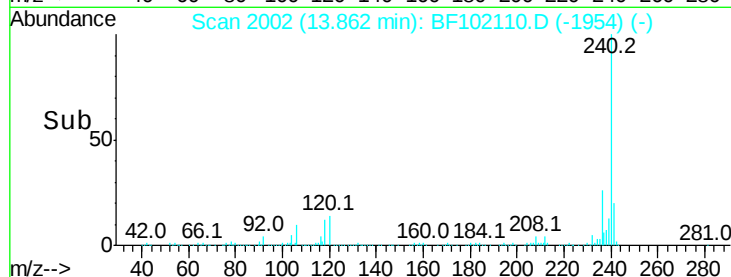
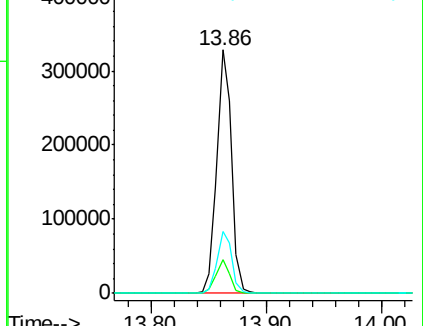
236 25.5 20.7 31.1



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: 71.189 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102110.D

Acq: 16 Jan 2018 15:36

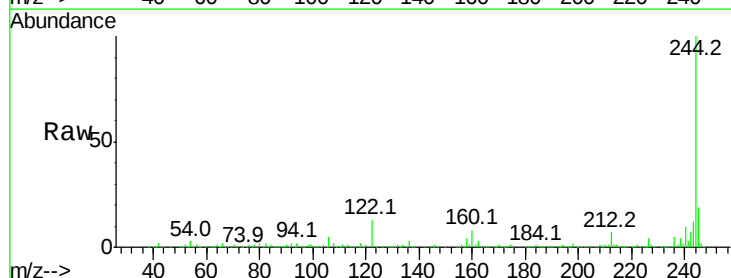
Tgt Ion:244 Resp: 998581

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

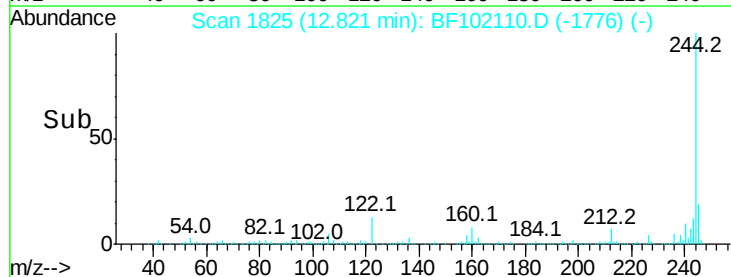
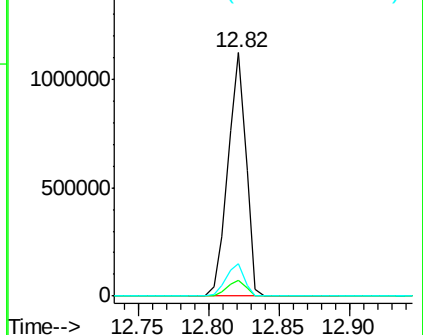
122 13.4 11.0 16.4

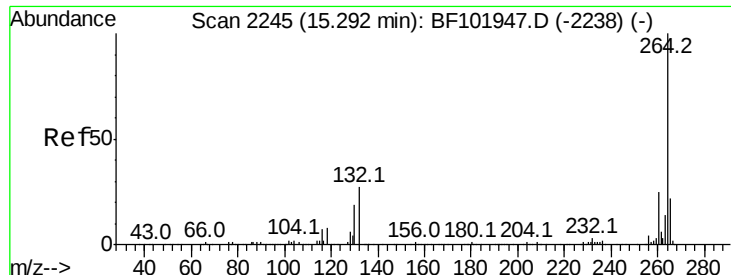


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

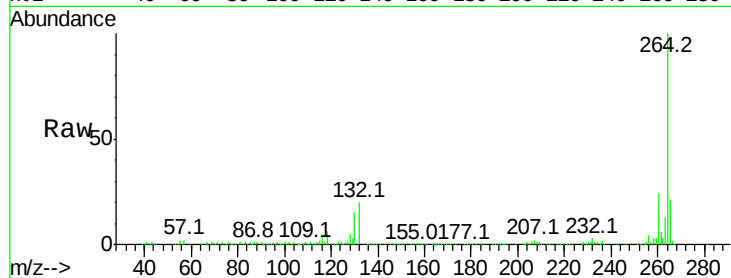




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102110.D
 Acq: 16 Jan 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	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

