

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102138.D
 Acq On : 17 Jan 2018 4:10
 Operator : SJ/JU
 Sample : J1115-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 06:39:14 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

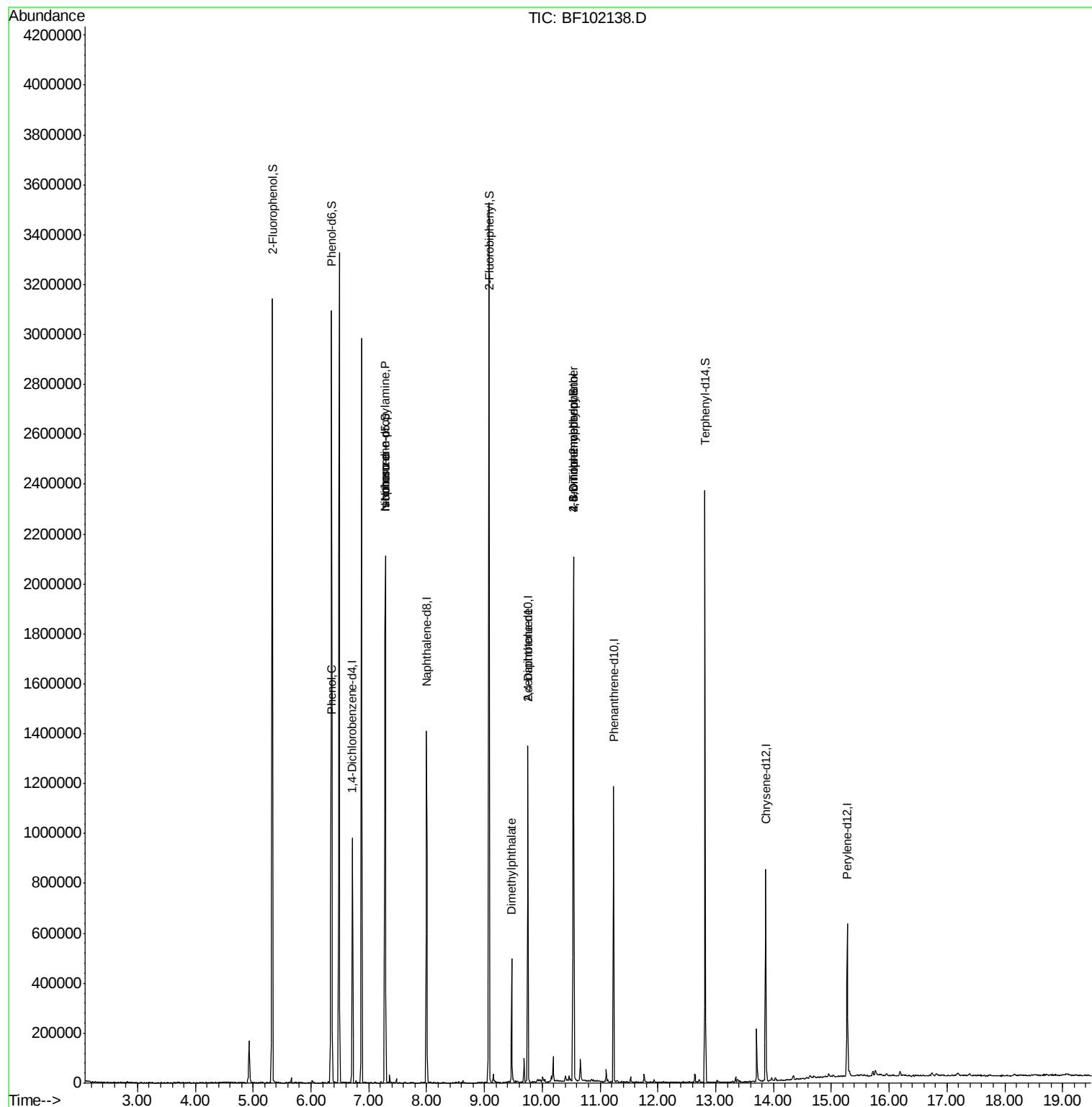
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141376	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	574566	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	242416	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	381364	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	260711	20.00	ng	-0.02
86) Perylene-d12	15.27	264	256699	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	942186	94.11	ng	0.00
7) Phenol-d6	6.36	99	1111572	93.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	698849	71.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	224823	106.27	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1129573	72.80	ng	-0.01
78) Terphenyl-d14	12.82	244	772989	61.56	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	48828	3.617	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	95184	12.159	ng	# 77
25) Isophorone	7.29	82	698832	36.172	ng	# 64
49) Dimethylphthalate	9.47	163	184419	9.483	ng	100
56) 2,4-Dinitrotoluene	9.75	165	31011	6.369	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.54	198	488	5.870	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14336	3.560	ng	# 1

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

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102138.D
Acq On : 17 Jan 2018 4:10
Operator : SJ/JU
Sample : J1115-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 17 06:39:14 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



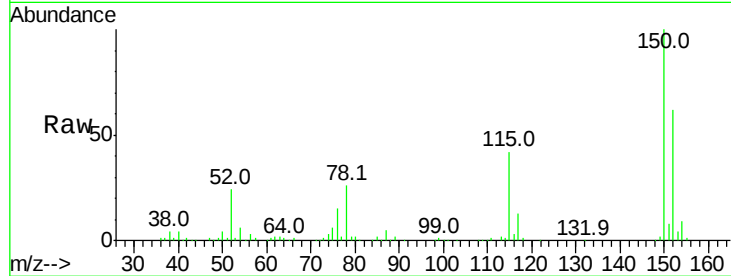


#1

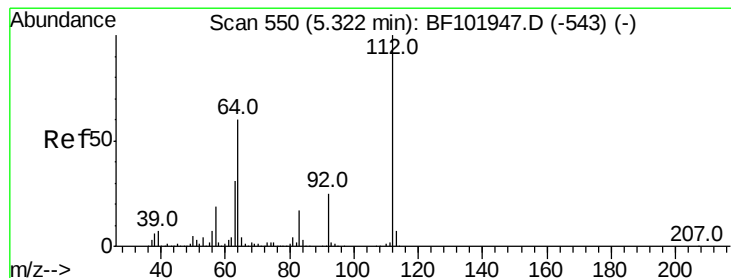
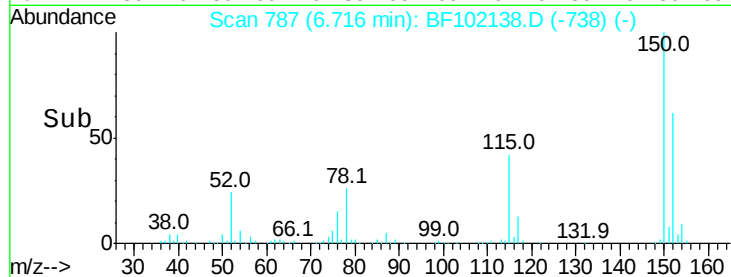
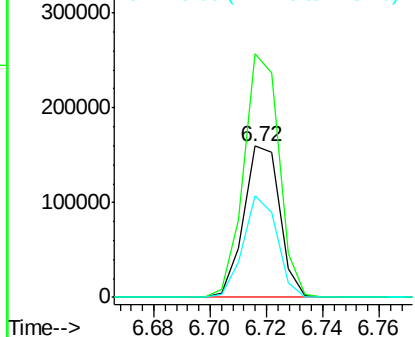
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141376
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 67.4 50.1 75.1



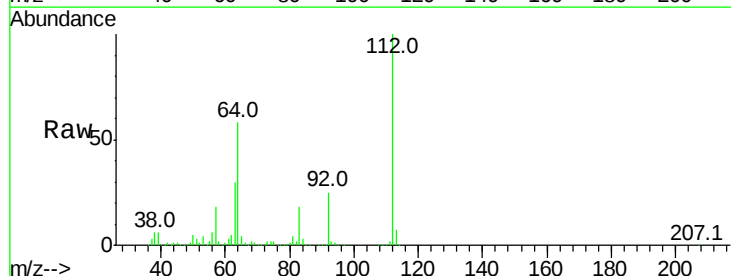
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



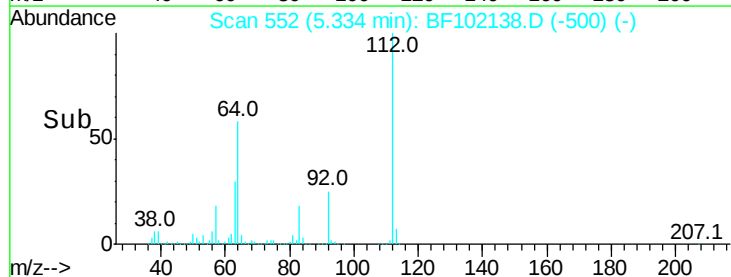
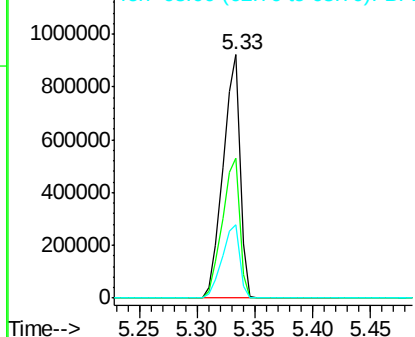
#5

2-Fluorophenol
Concen: 94.107 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Tgt Ion:112 Resp: 942186
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.9 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: 93.056 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampleId :

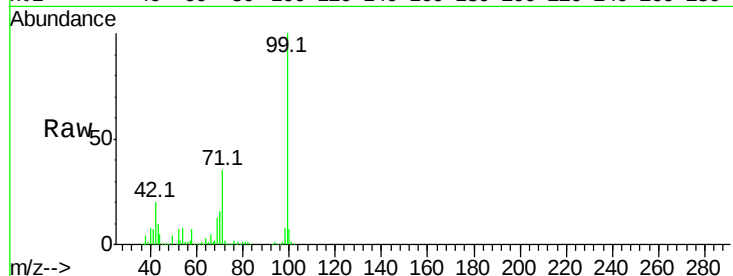
Tot Ion: 99 Resp: 1111572

Ion Ratio Lower Upper

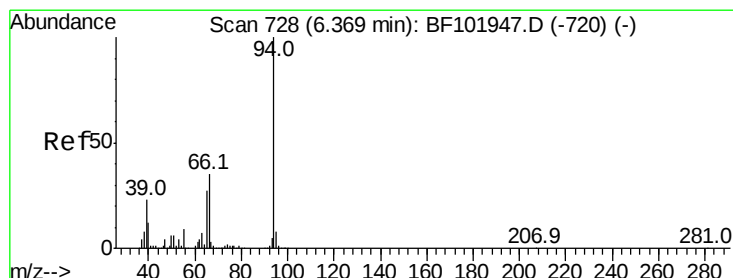
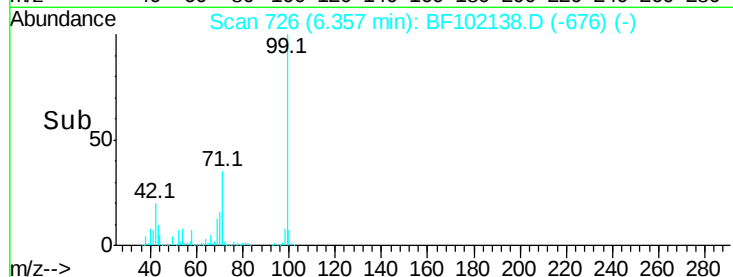
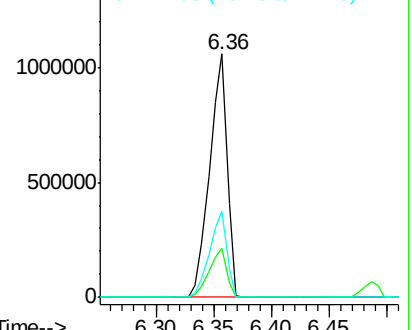
99 100

42 20.3 14.5 21.7

71 35.4 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



#10

Phenol

Concen: 3.617 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

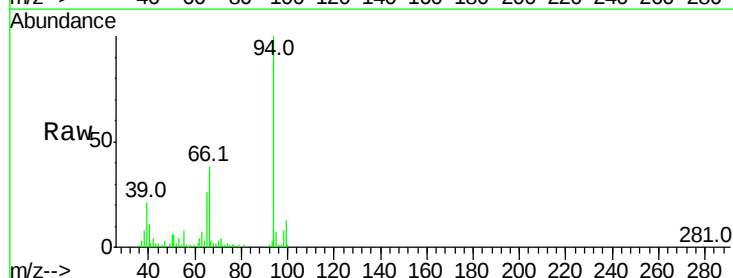
Tgt Ion: 94 Resp: 48828

Ion Ratio Lower Upper

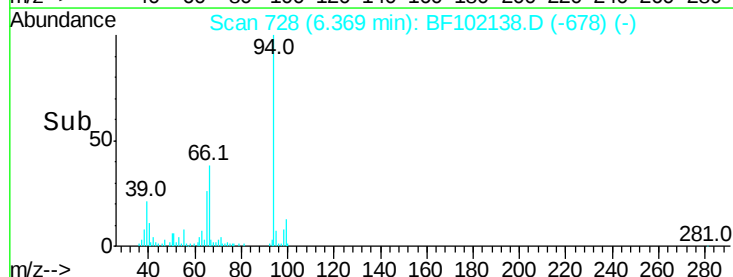
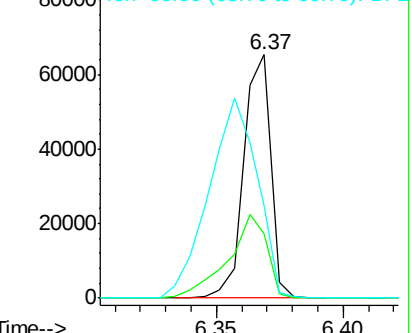
94 100

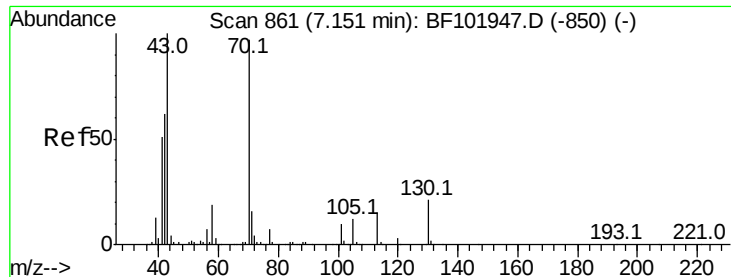
65 26.3 7.9 47.9

66 38.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.159 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 95184

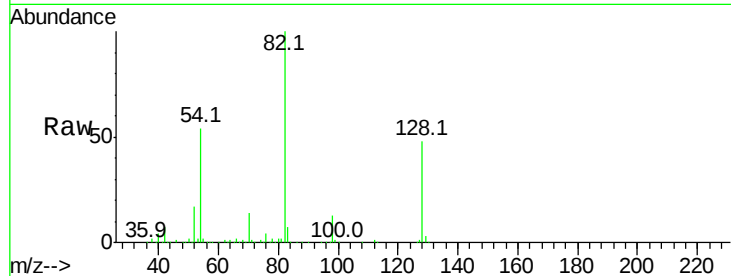
Ion Ratio Lower Upper

70 100

42 47.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#



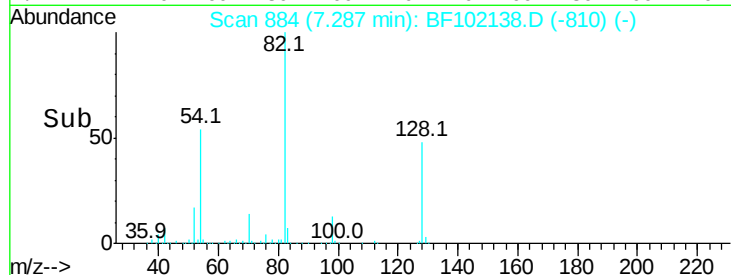
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

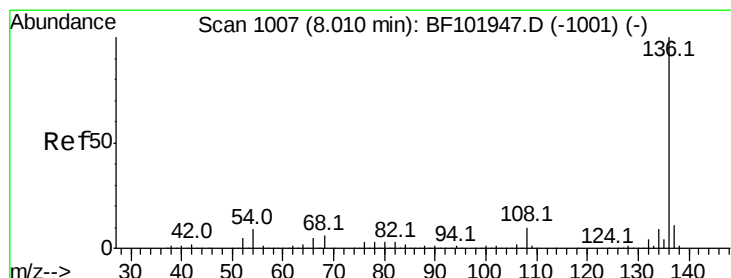
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.29



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Tgt Ion: 136 Resp: 574566

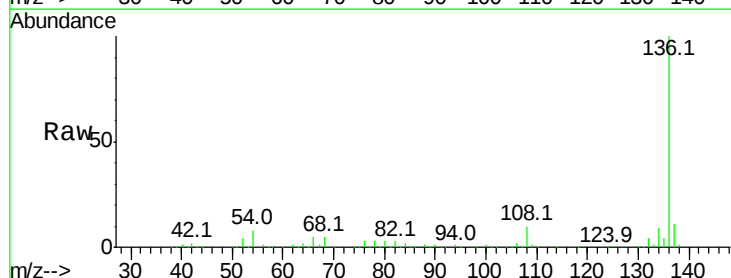
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 5.1 5.0 7.4



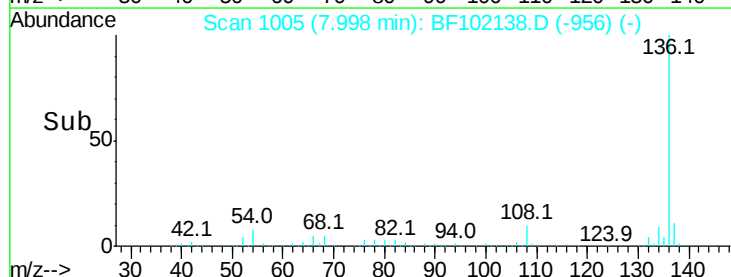
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

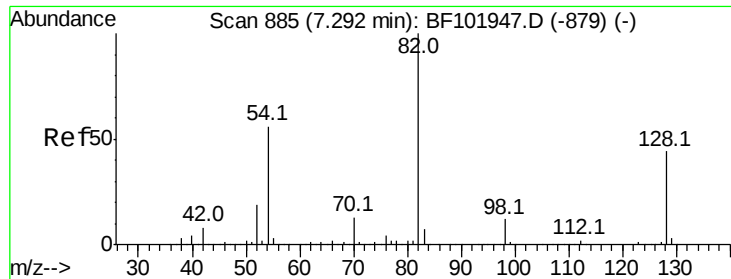
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.00



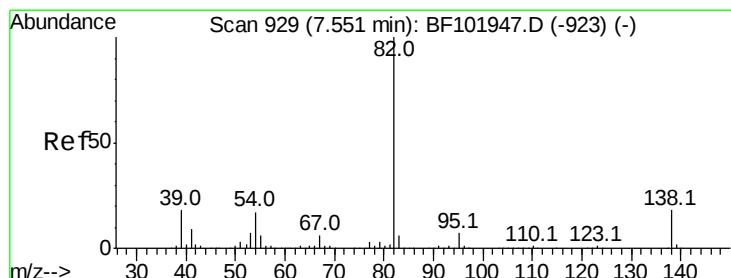
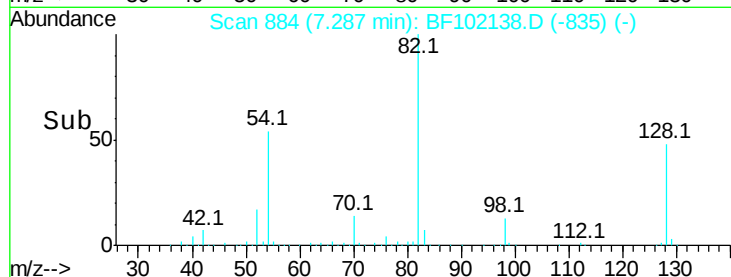
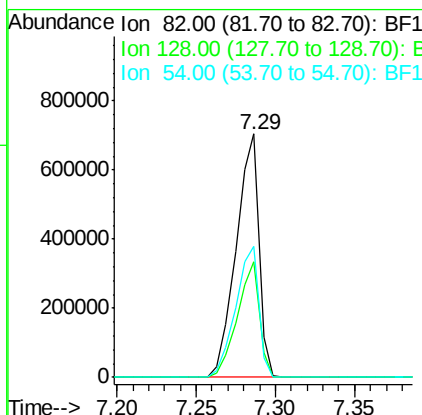
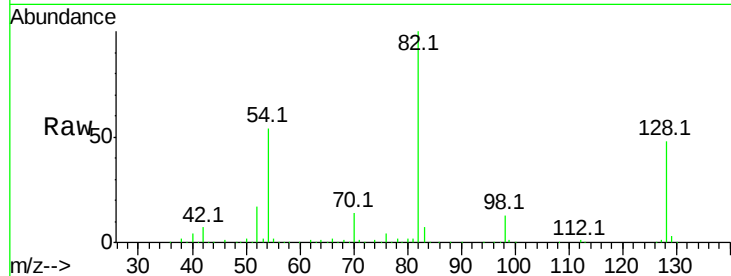
Time-->



#23
 Nitrobenzene-d5
 Concen: 71.475 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

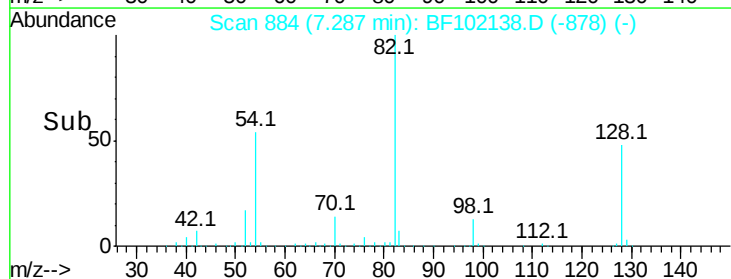
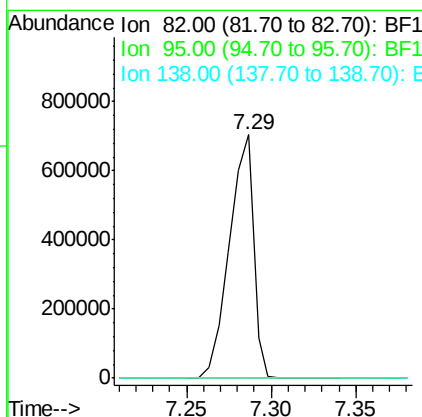
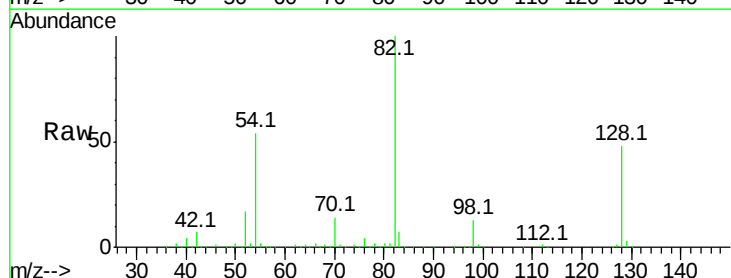
Instrument :
 BNA_F
 ClientSampled :

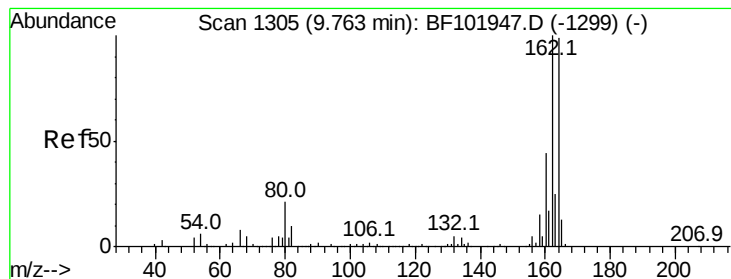
Tot Ion	82	Resp	698849
Ion Ratio	Lower	Upper	
82	100		
128	47.7	36.1	54.1
54	53.7	41.4	62.2



#25
 Isophorone
 Concen: 36.172 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Tgt Ion	82	Resp	698832
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampleId :

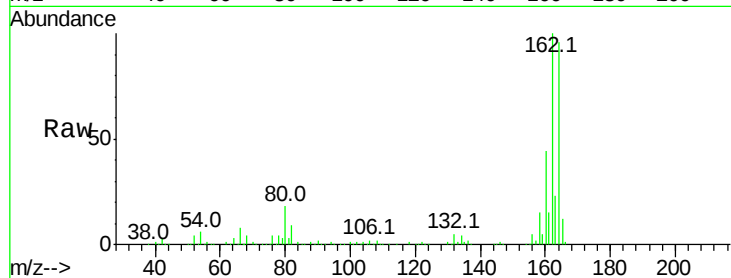
Tot Ion:164 Resp: 242416

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

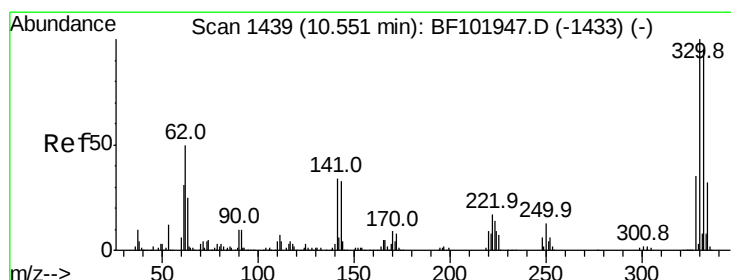
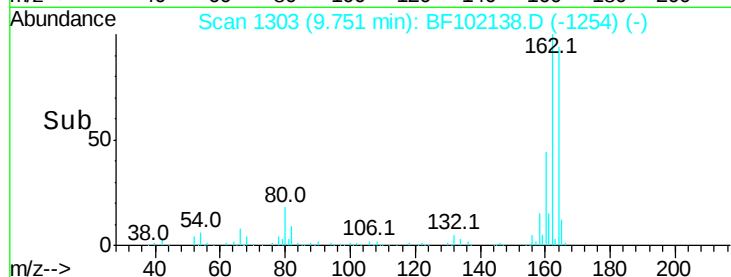
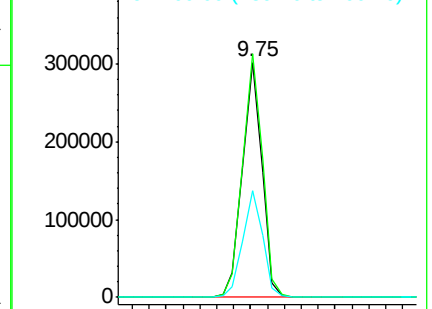
160 45.7 38.3 57.5



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: 106.272 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

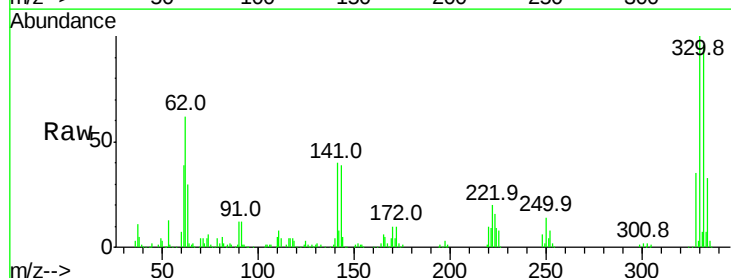
Tgt Ion:330 Resp: 224823

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

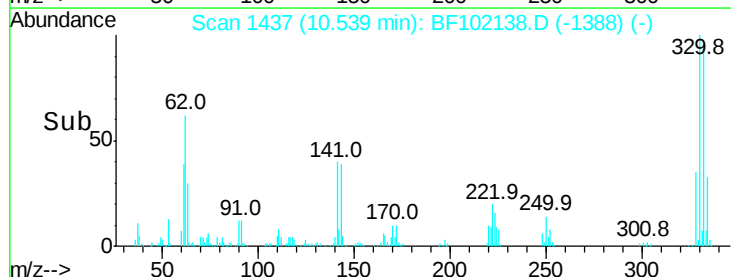
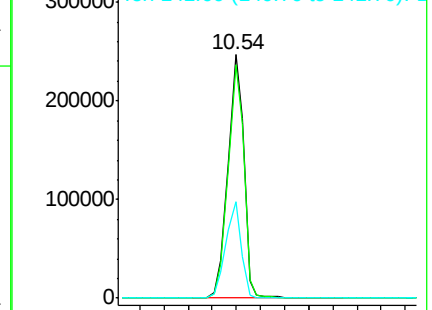
141 38.5 29.9 44.9

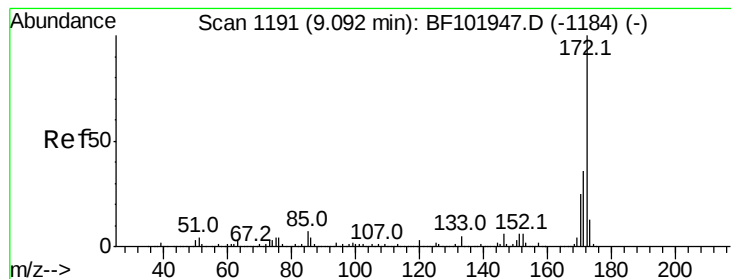


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



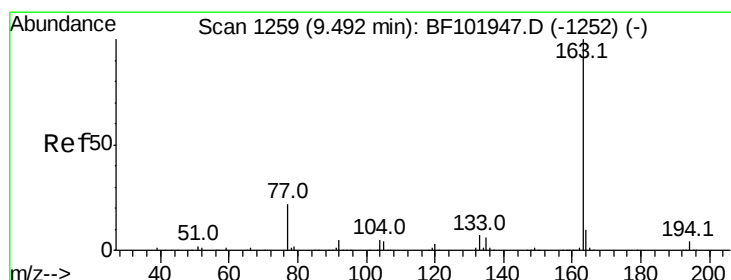
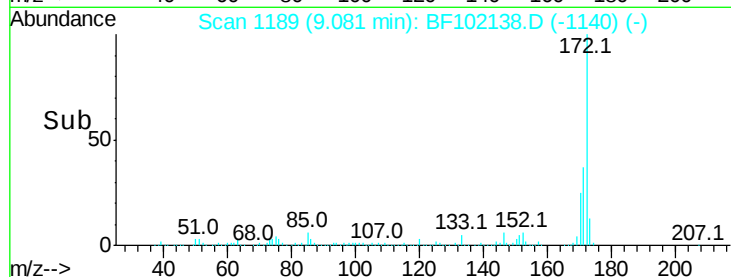
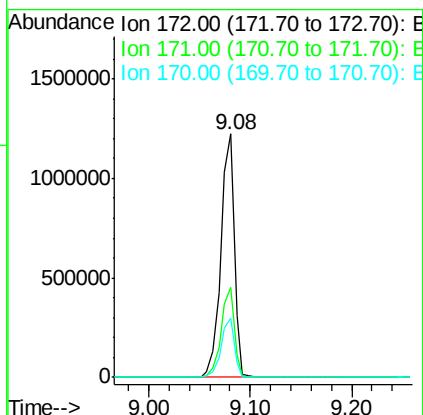
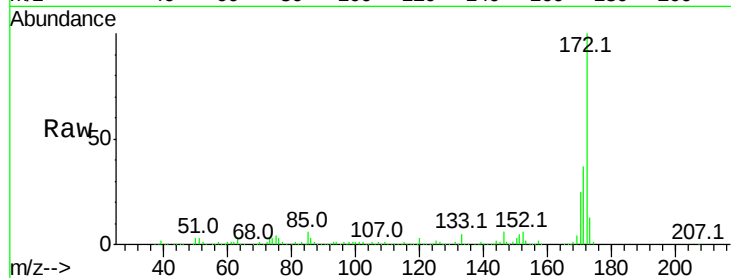


#44
 2-Fluorobiphenyl
 Concen: 72.796 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1129573

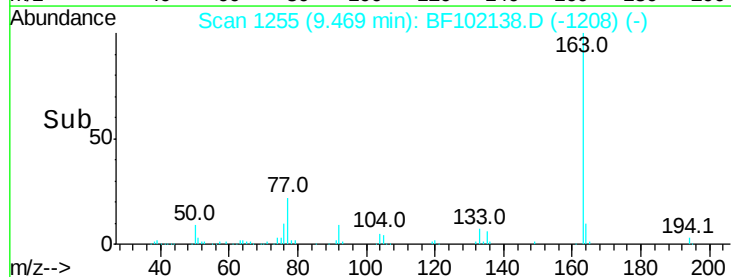
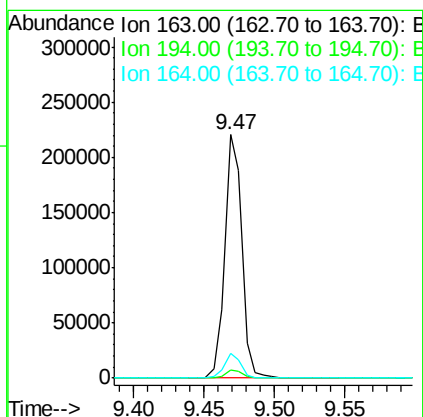
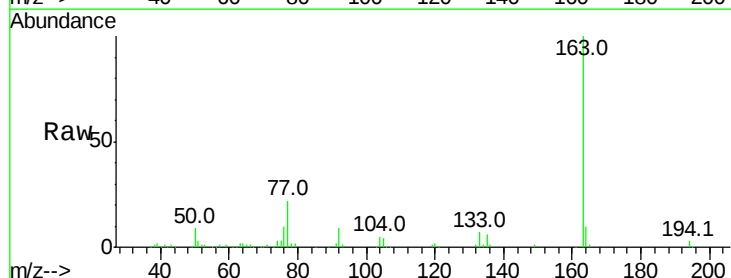
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4

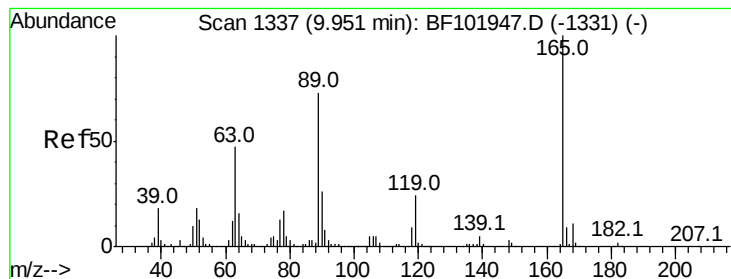


#49
 Dimethylphthalate
 Concen: 9.483 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Tgt Ion:163 Resp: 184419

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2





#56

2,4-Dinitrotoluene

Concen: 6.369 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

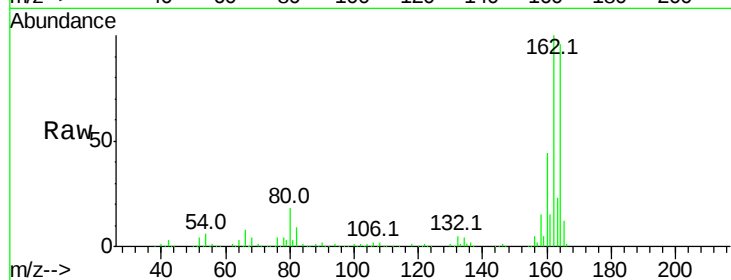
Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

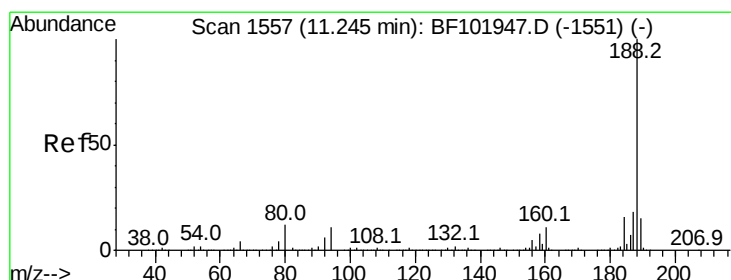
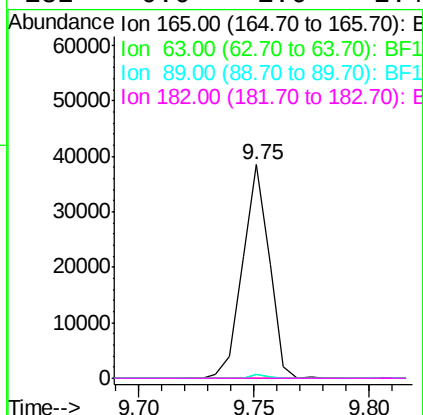
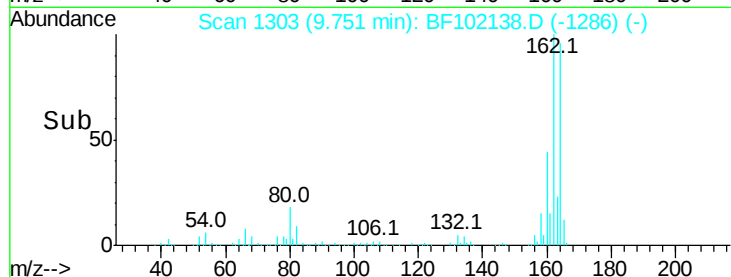
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	165	Resp:	31011
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

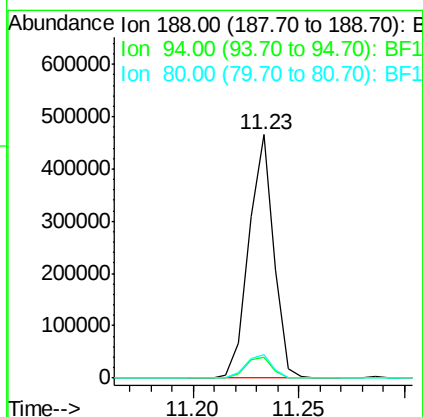
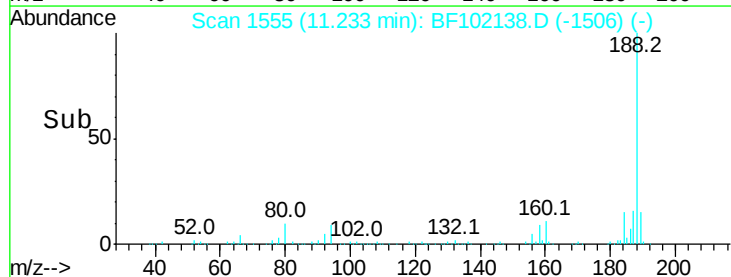
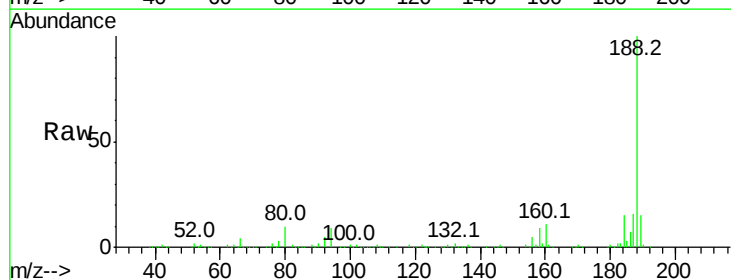
RT: 11.23 min Scan# 1555

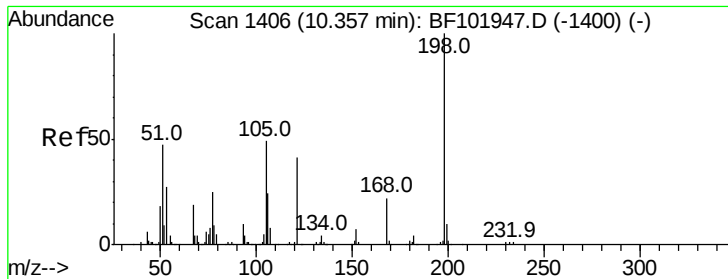
Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Tgt Ion:	188	Resp:	381364
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8

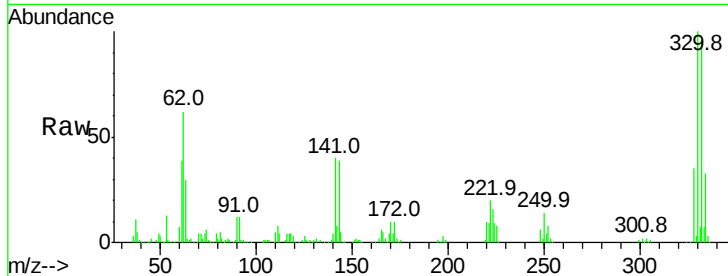




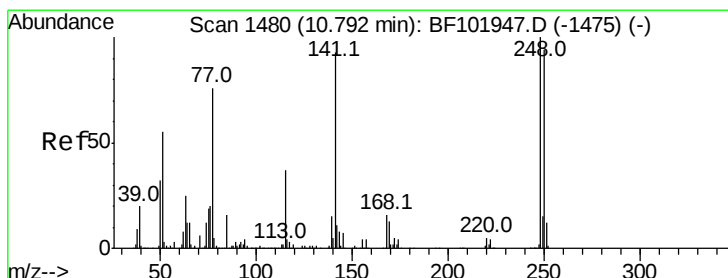
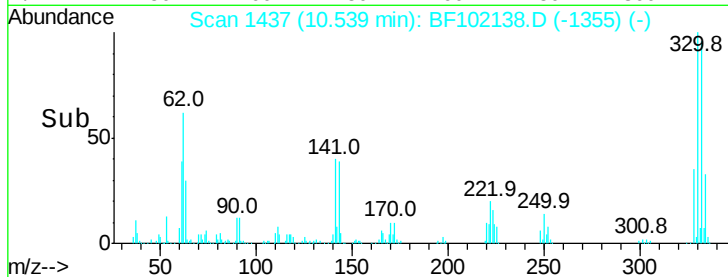
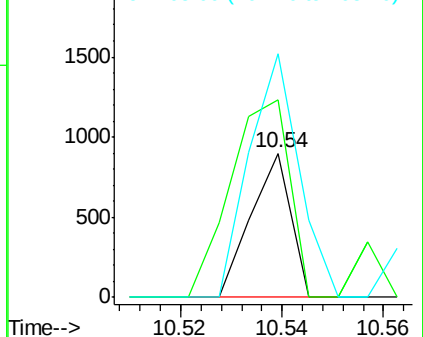
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.870 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 488
 Ion Ratio Lower Upper
 198 100
 51 137.1 37.7 77.7#
 105 168.8 36.3 76.3#

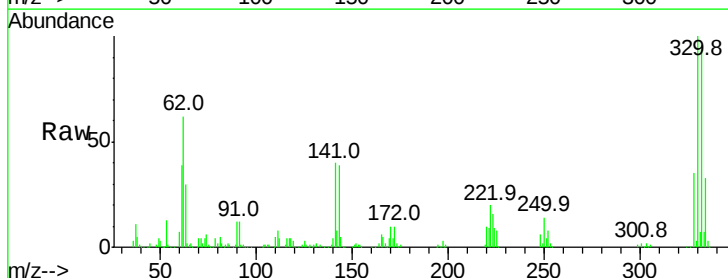


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

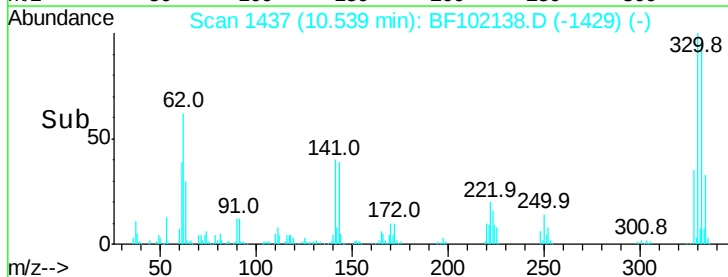
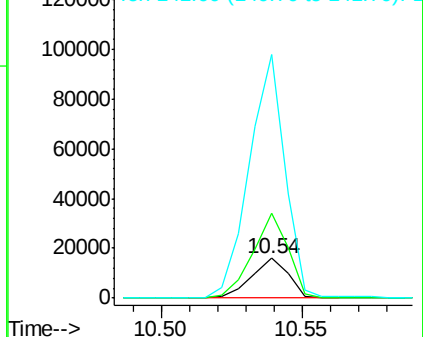


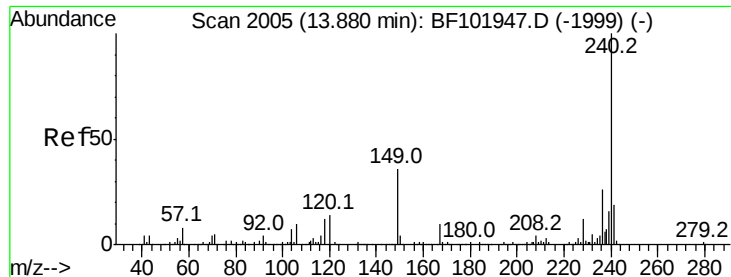
#66
 4-Bromophenyl-phenylether
 Concen: 3.560 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Tgt Ion:248 Resp: 14336
 Ion Ratio Lower Upper
 248 100
 250 212.1 76.9 115.3#
 141 611.8 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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampleId :

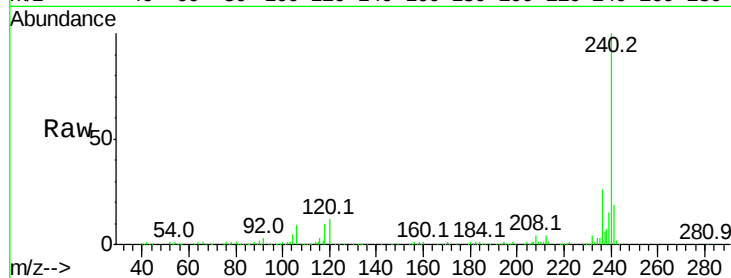
Tot Ion:240 Resp: 260711

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

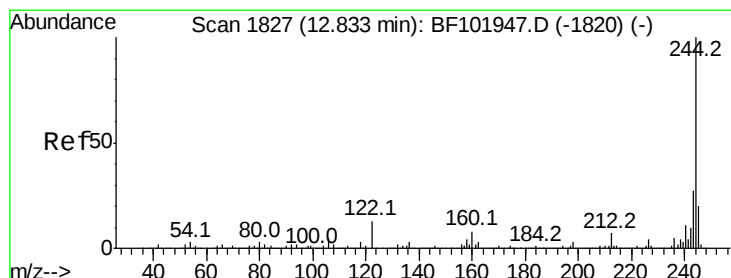
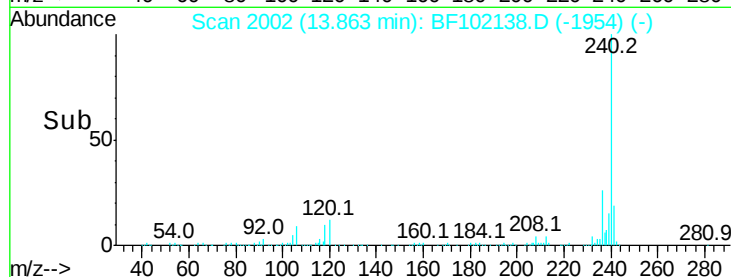
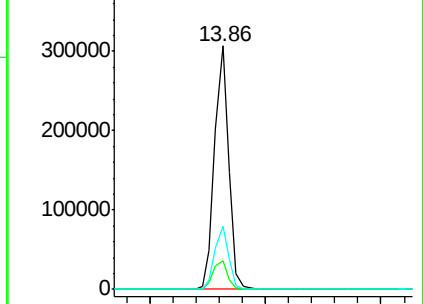
236 25.8 20.7 31.1



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: 61.560 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

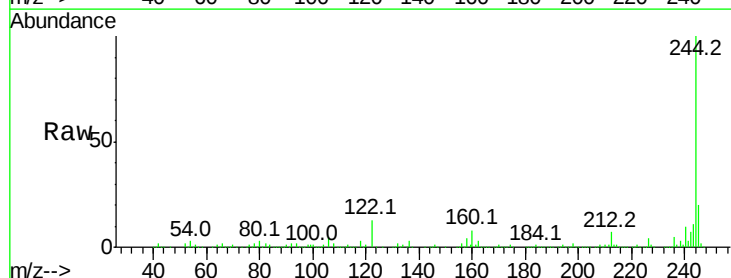
Tgt Ion:244 Resp: 772989

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

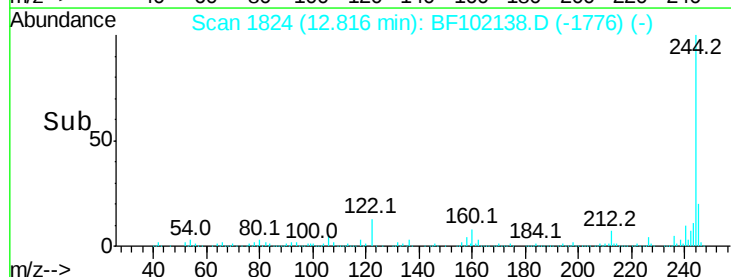
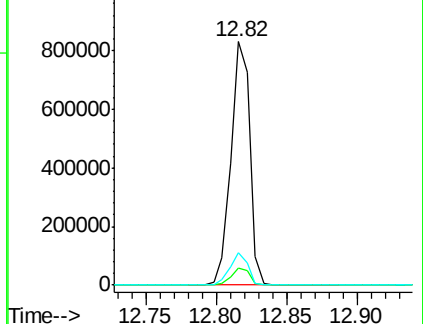
122 13.5 11.0 16.4

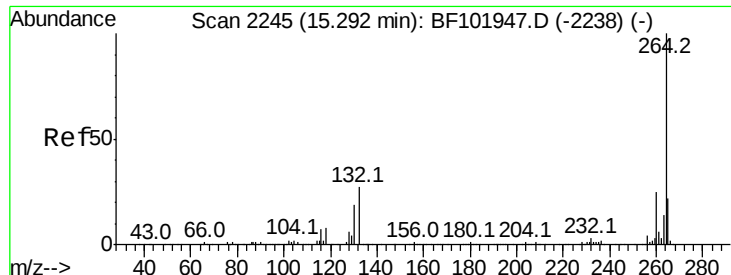


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

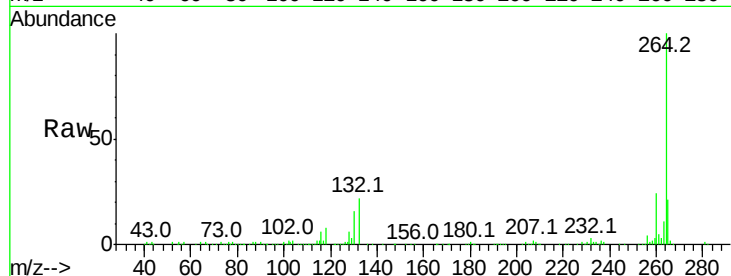




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	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

