

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102236.D
 Acq On : 20 Jan 2018 00:12
 Operator : SJ/JU
 Sample : J1189-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 02:12:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

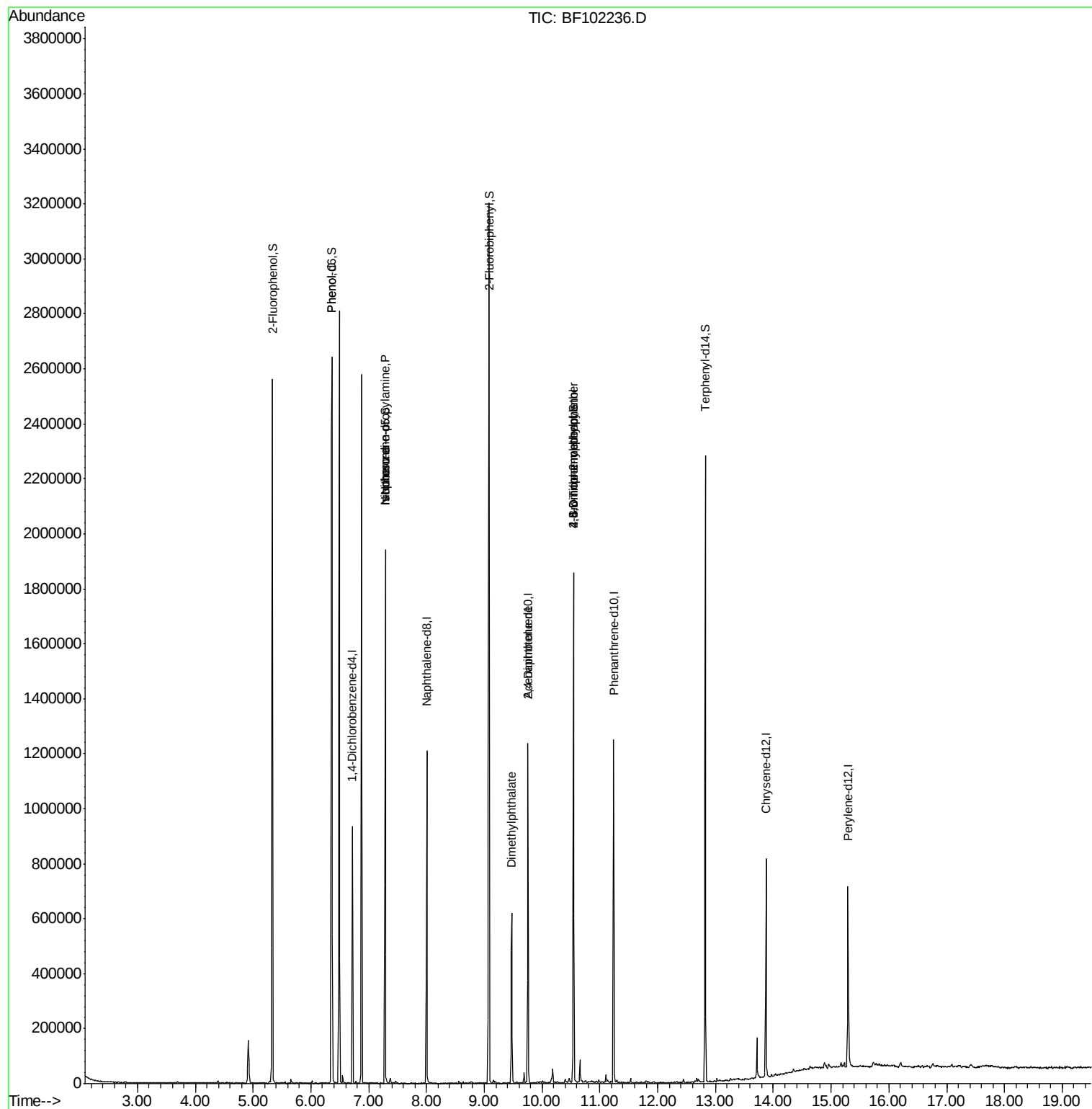
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135911	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	569413	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	249163	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	402878	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268245	20.00	ng	0.00
86) Perylene-d12	15.29	264	270163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	787853	81.86	ng	0.00
7) Phenol-d6	6.36	99	942635	82.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	585245	60.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	202734	93.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	976312	61.22	ng	0.00
78) Terphenyl-d14	12.82	244	694317	53.74	ng	0.00
Target Compounds						
10) Phenol	6.37	94	35679	2.749	ng	87
19) n-Nitroso-di-n-propylamine	7.29	70	76850	10.212	ng	# 79
25) Isophorone	7.29	82	585324	30.571	ng	# 64
49) Dimethylphthalate	9.47	163	230006	11.507	ng	99
56) 2,4-Dinitrotoluene	9.75	165	31410	6.277	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.54	198	324	5.793	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13492	3.171	ng	# 1

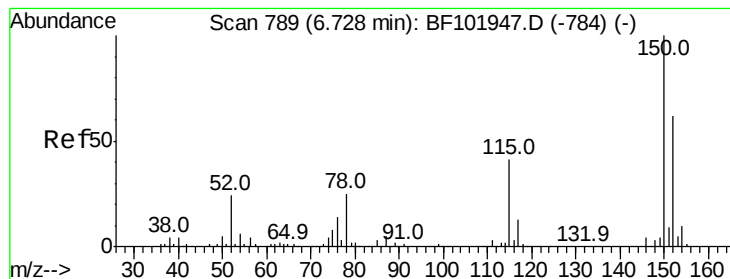
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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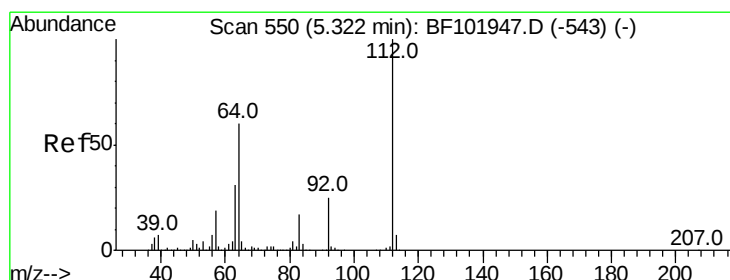
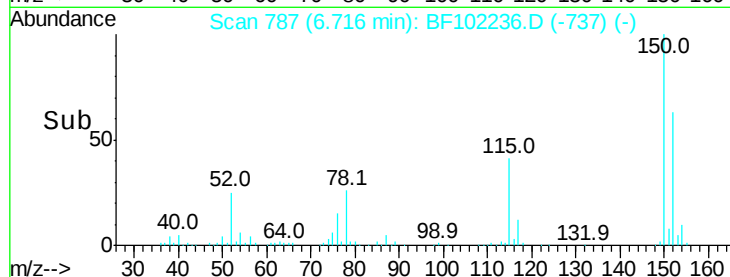
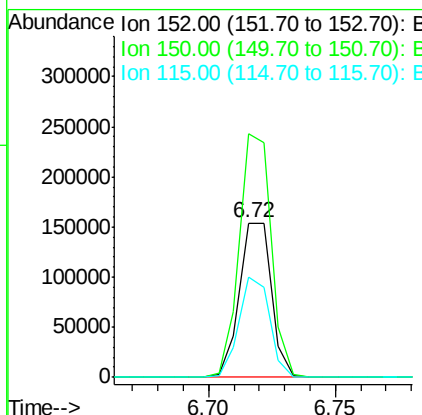
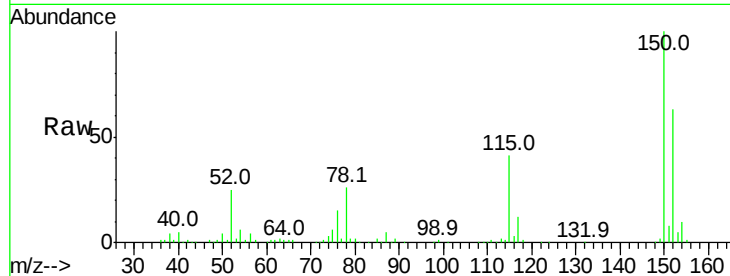


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

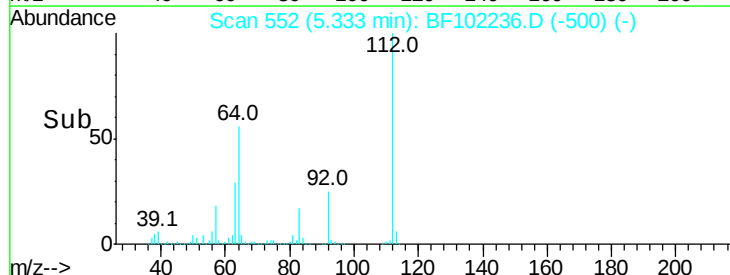
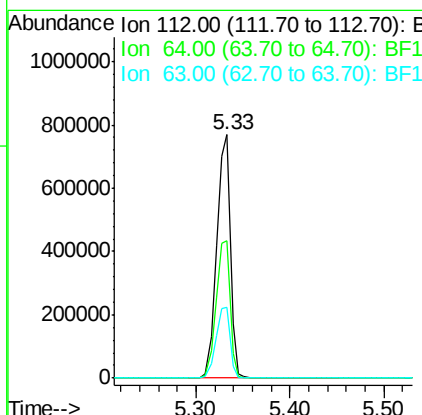
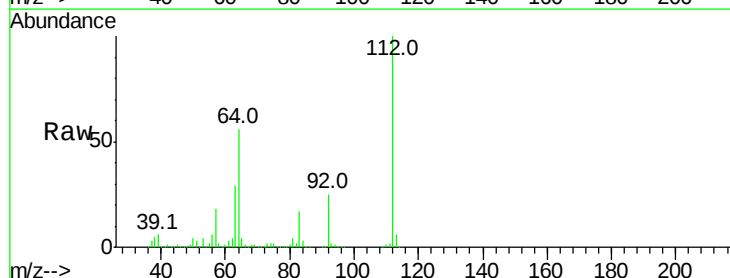
Tot Ion:152 Resp: 135911
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 64.9 50.1 75.1

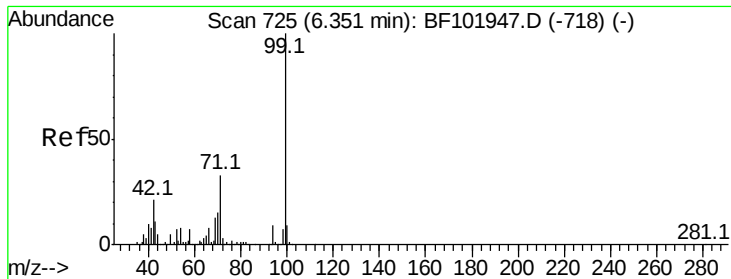


#5

2-Fluorophenol
Concen: 81.856 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Tgt Ion:112 Resp: 787853
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 82.086 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

Instrument :

BNA_F

ClientSampleId :

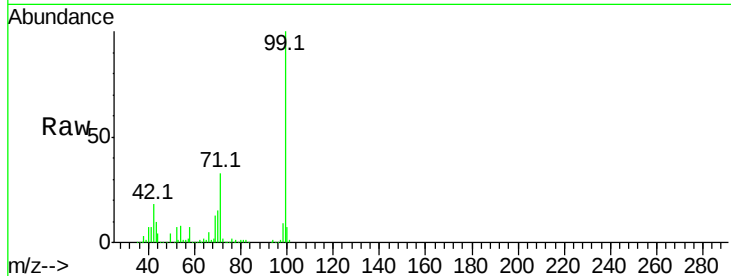
Tot Ion: 99 Resp: 942635

Ion Ratio Lower Upper

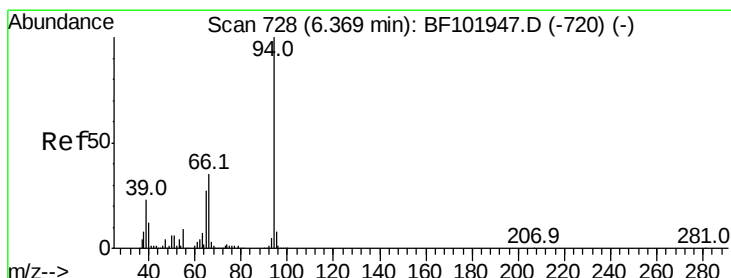
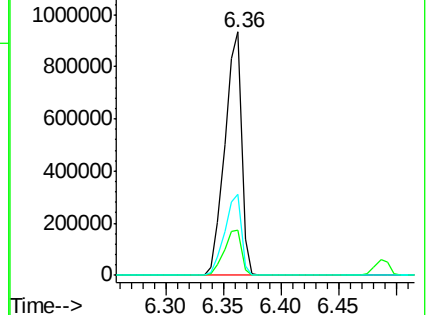
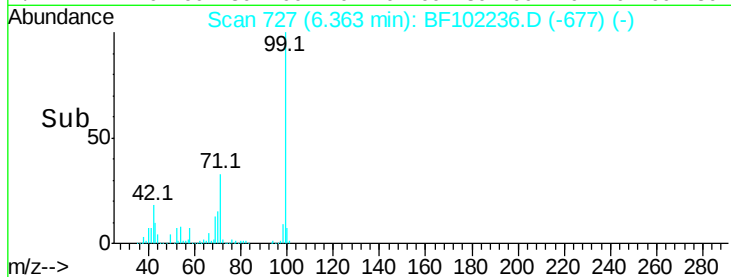
99 100

42 18.4 14.5 21.7

71 33.1 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: 2.749 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

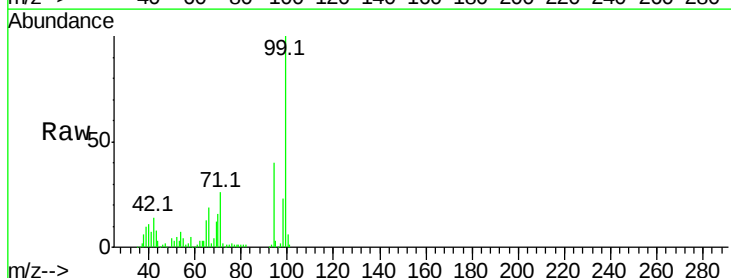
Tgt Ion: 94 Resp: 35679

Ion Ratio Lower Upper

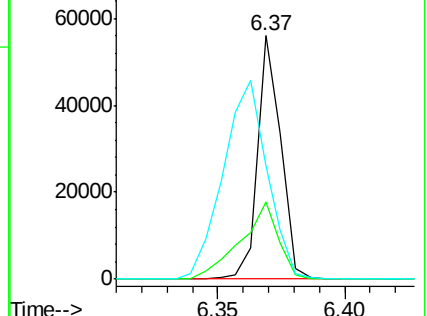
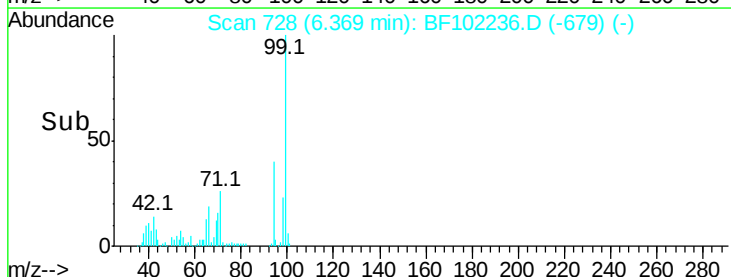
94 100

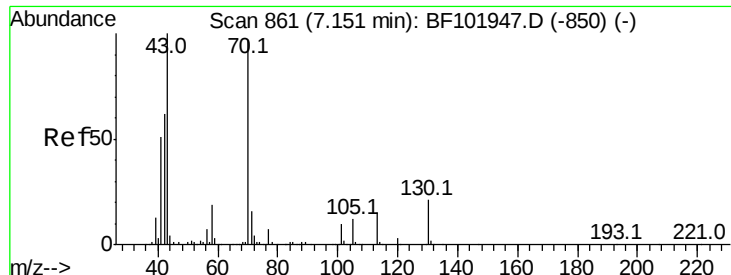
65 31.5 7.9 47.9

66 46.5 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

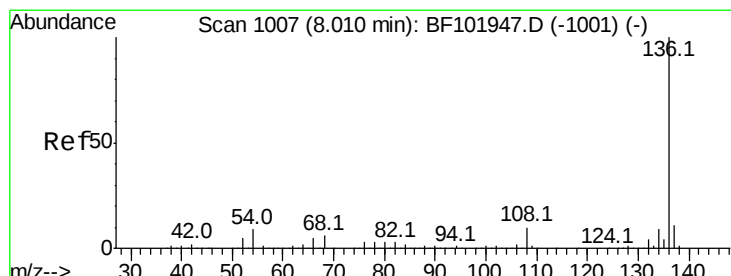
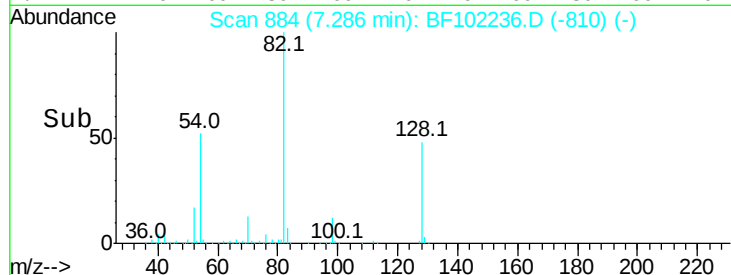
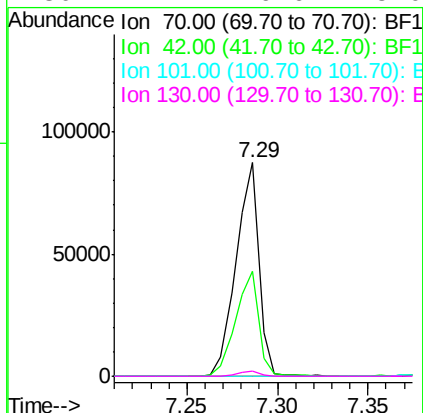
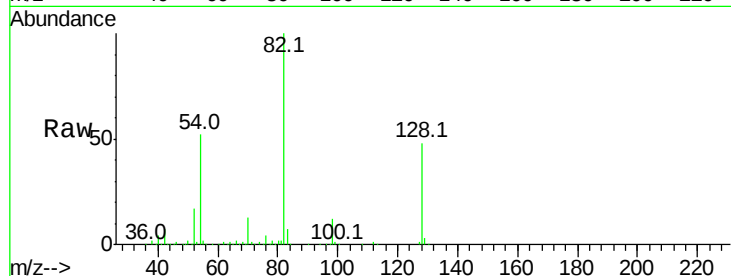




#19
n-Nitroso-di-n-propylamine
Concen: 10.212 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

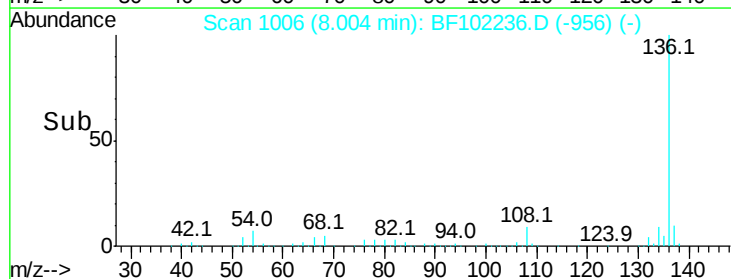
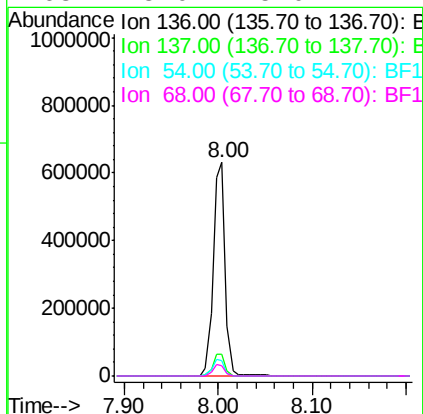
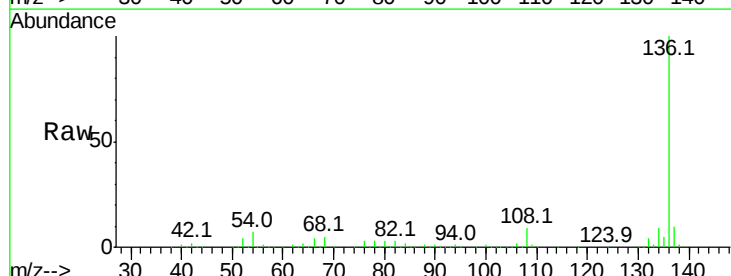
Instrument :
BNA_F
ClientSampleId :

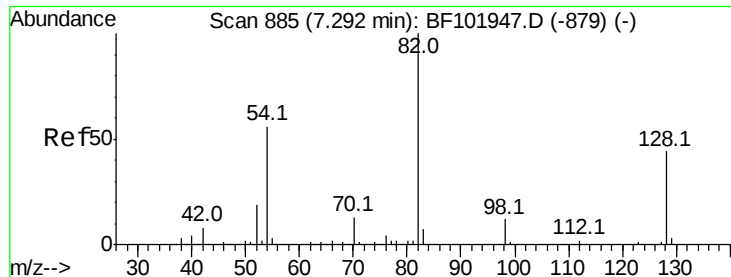
Tot Ion: 70 Resp: 76850
Ion Ratio Lower Upper
70 100
42 49.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Tgt Ion:136 Resp: 569413
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.4 6.6 9.8
68 5.0 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 60.398 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

Instrument :

BNA_F

ClientSampled :

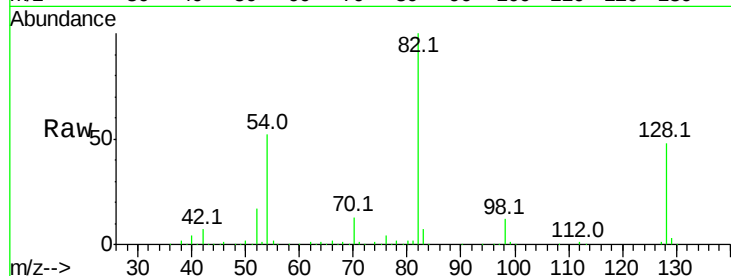
Tot Ion: 82 Resp: 585245

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

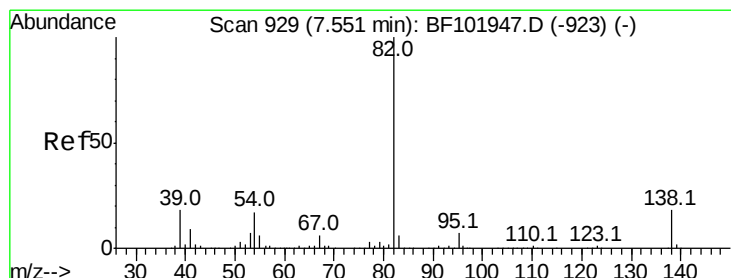
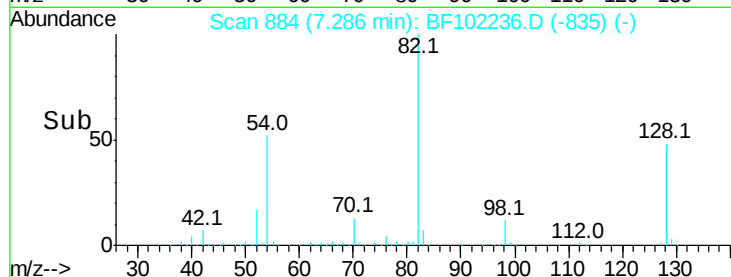
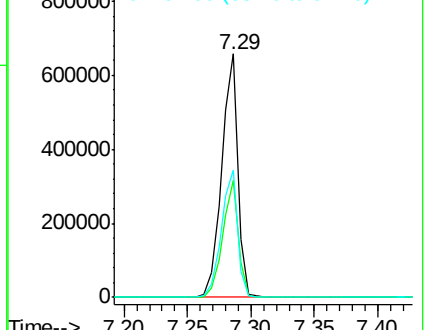
54 52.4 41.4 62.2



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: 30.571 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

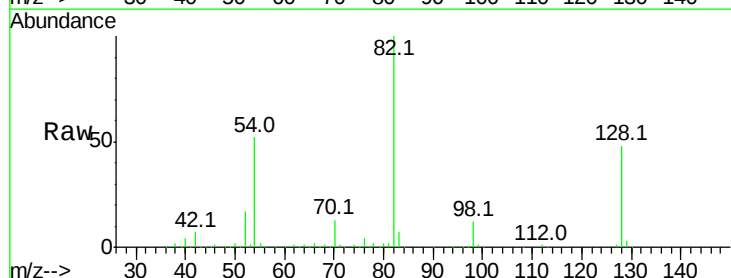
Tgt Ion: 82 Resp: 585324

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

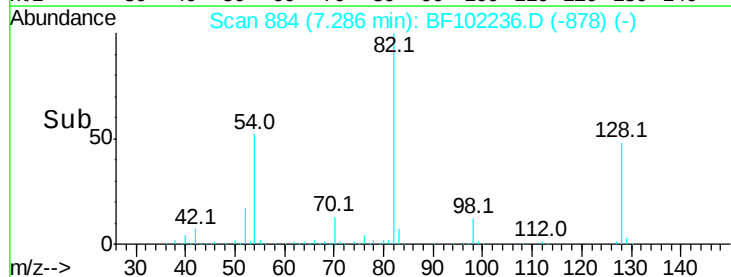
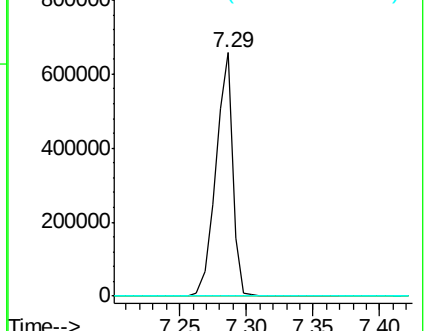
138 0.0 14.9 22.3#

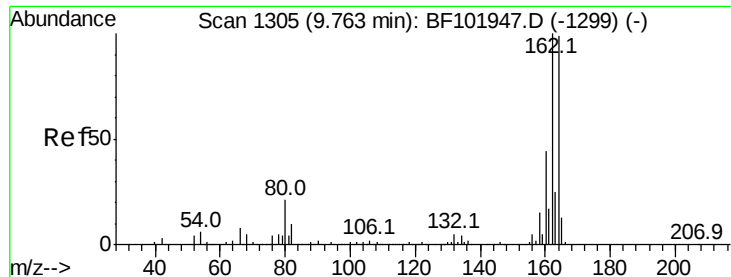


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

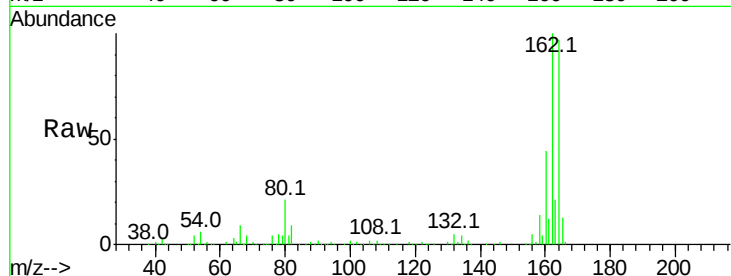




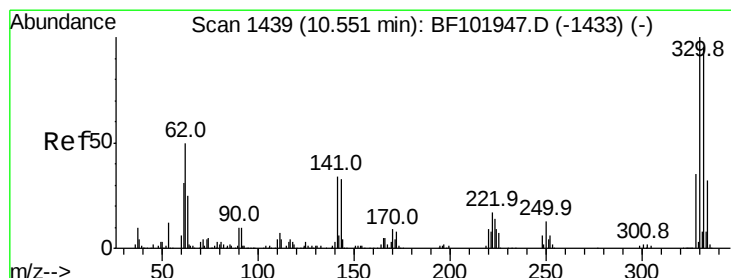
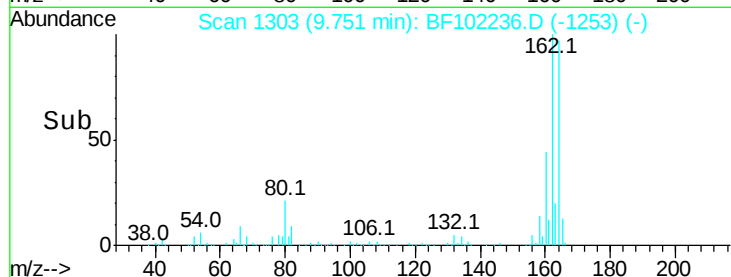
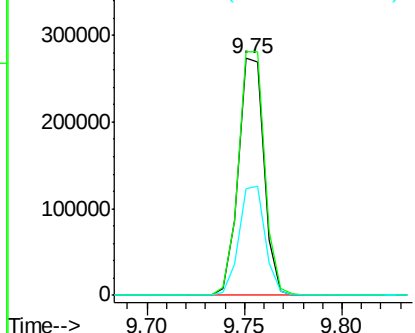
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102236.D
 Acq: 20 Jan 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 249163
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.2 38.3 57.5

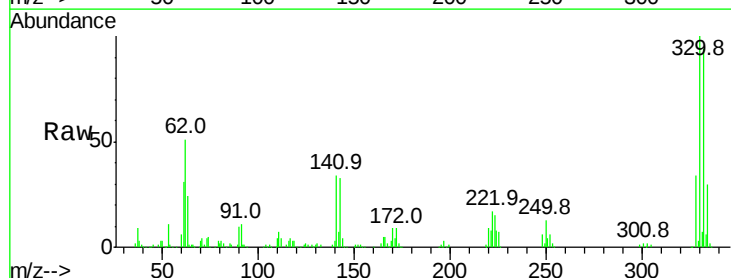


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

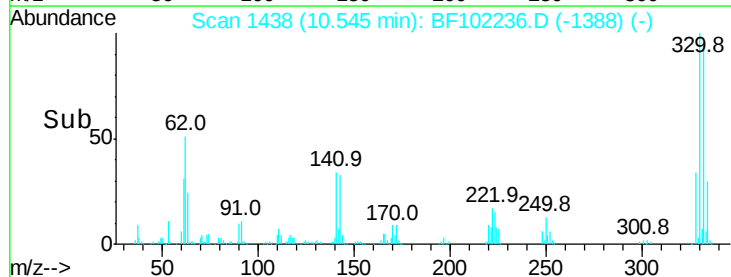
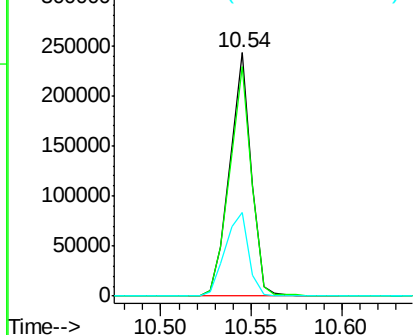


#41
 2,4,6-Tribromophenol
 Concen: 93.236 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102236.D
 Acq: 20 Jan 2018 00:12

Tgt Ion:330 Resp: 202734
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 37.5 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: 61.216 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

Instrument :

BNA_F

ClientSampleId :

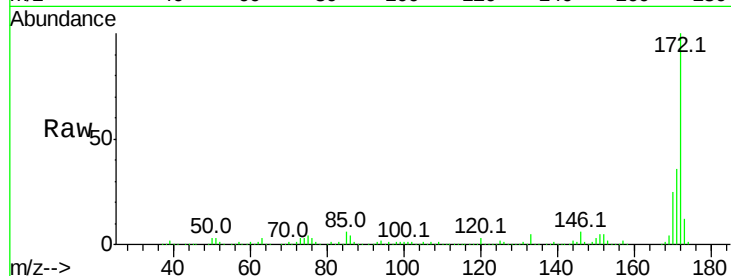
Tot Ion:172 Resp: 976312

Ion Ratio Lower Upper

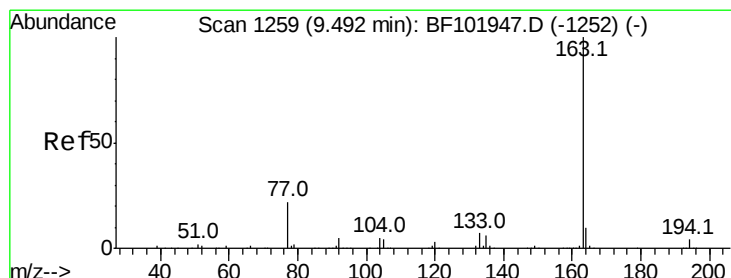
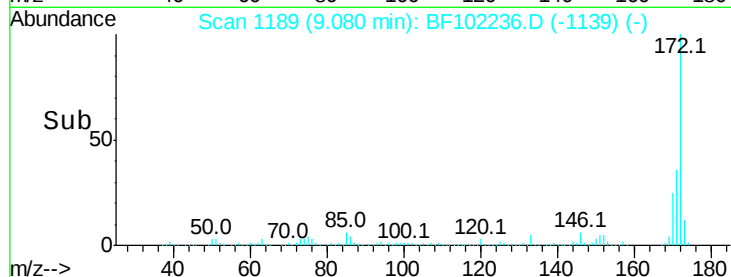
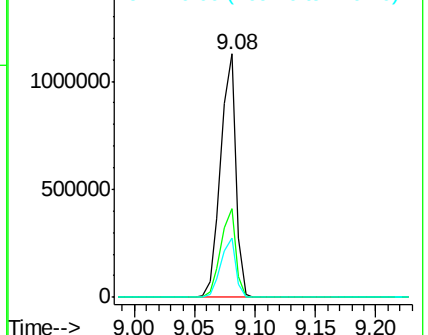
172 100

171 36.2 29.7 44.5

170 24.5 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: 11.507 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

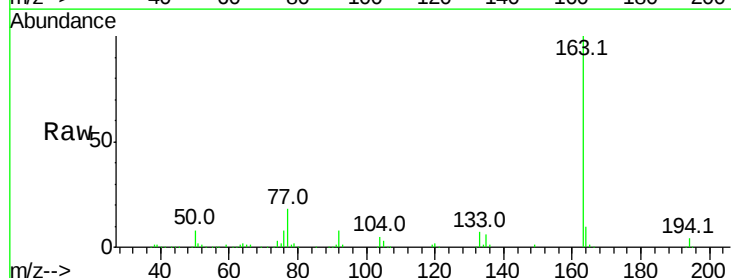
Tgt Ion:163 Resp: 230006

Ion Ratio Lower Upper

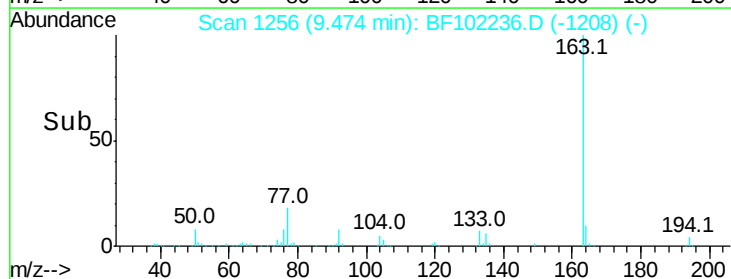
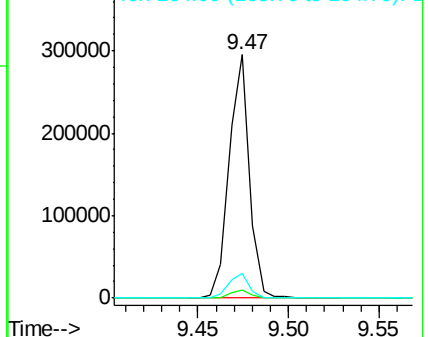
163 100

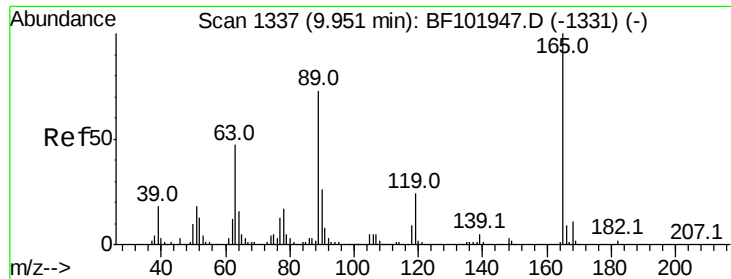
194 3.5 2.7 4.1

164 10.4 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

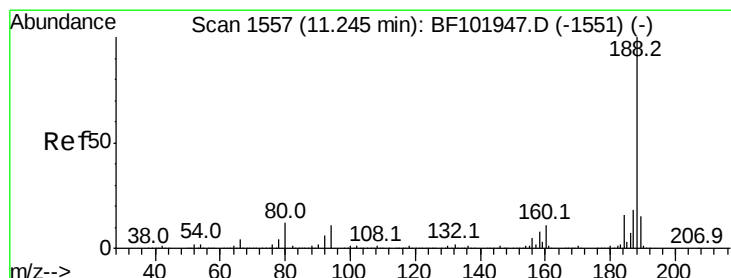
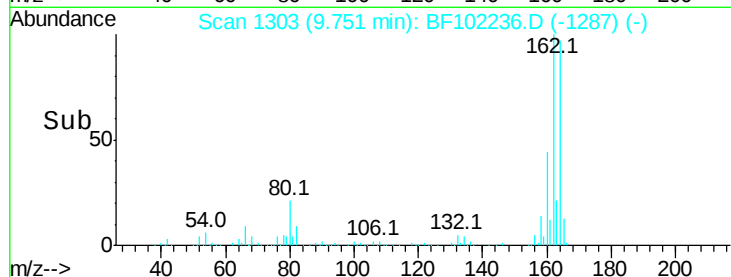
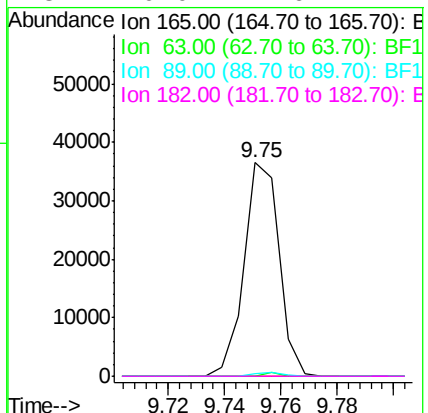
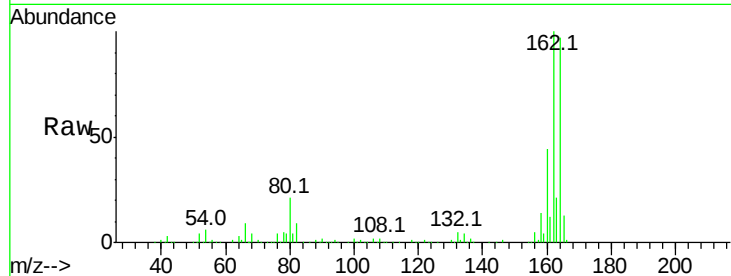




#56
2,4-Dinitrotoluene
Concen: 6.277 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

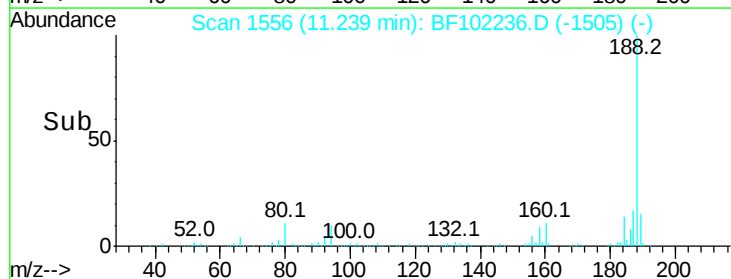
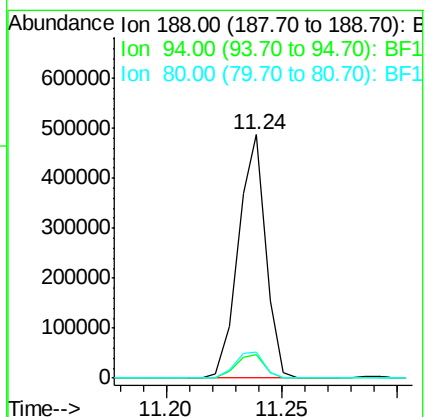
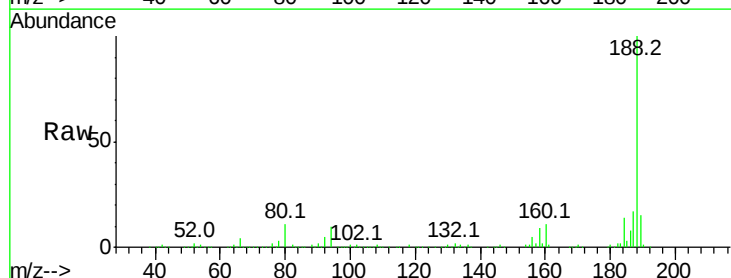
Instrument :
BNA_F
ClientSampled :

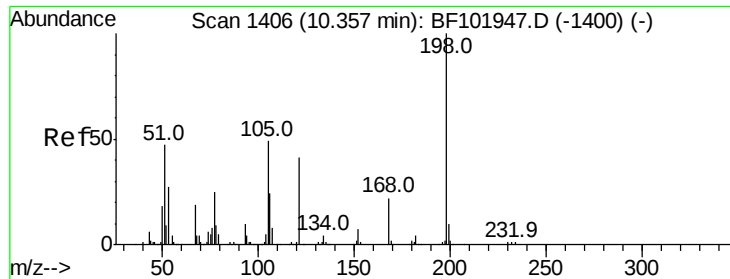
Tot Ion:	165	Resp:	31410
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Tgt Ion:	188	Resp:	402878
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.7	9.2	13.8

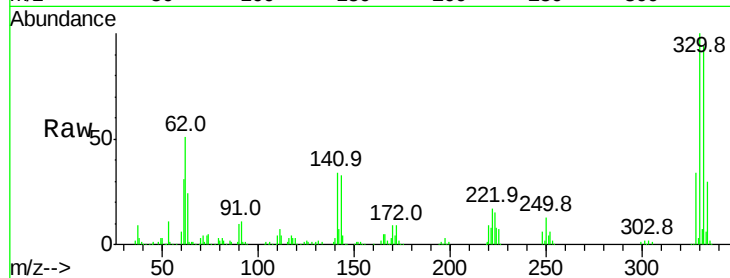




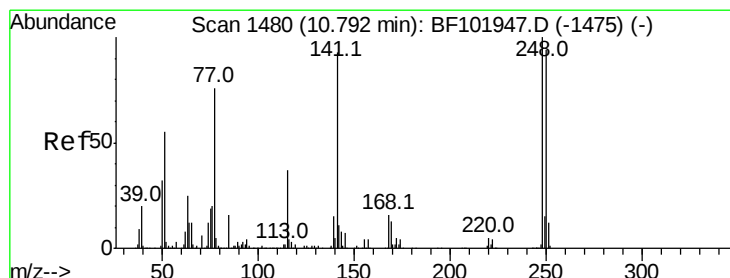
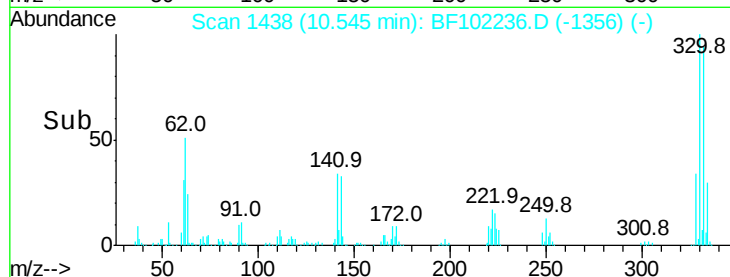
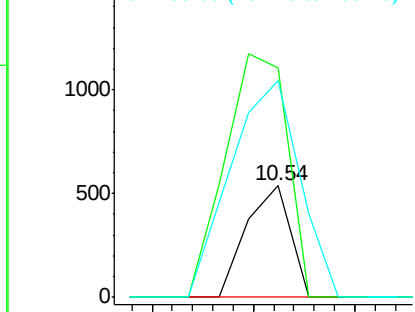
#64
4,6-Dinitro-2-methylphenol
Concen: 5.793 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 324
Ion Ratio Lower Upper
198 100
51 206.2 37.7 77.7#
105 194.4 36.3 76.3#

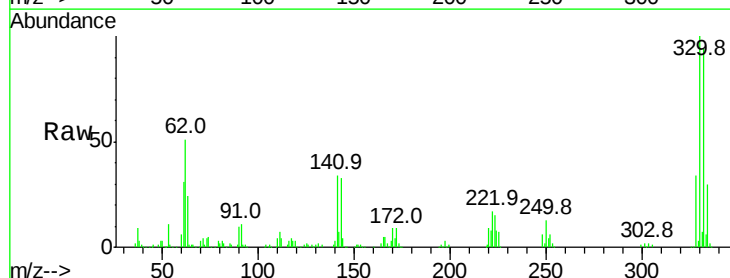


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

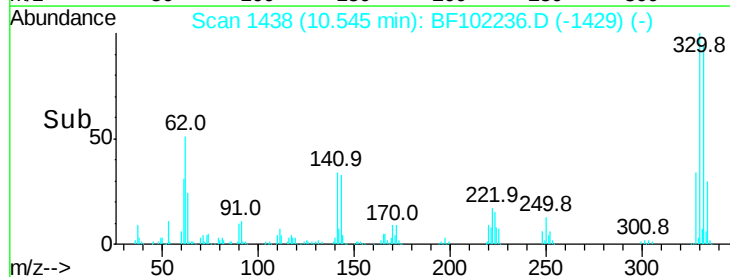
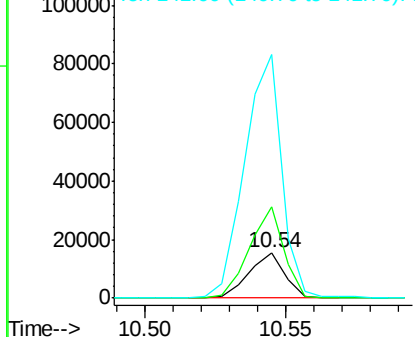


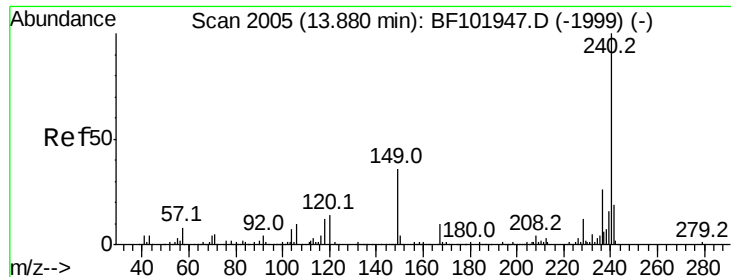
#66
4-Bromophenyl-phenylether
Concen: 3.171 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102236.D
Acq: 20 Jan 2018 00:12

Tgt Ion:248 Resp: 13492
Ion Ratio Lower Upper
248 100
250 200.9 76.9 115.3#
141 536.8 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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

Instrument :

BNA_F

ClientSampleId :

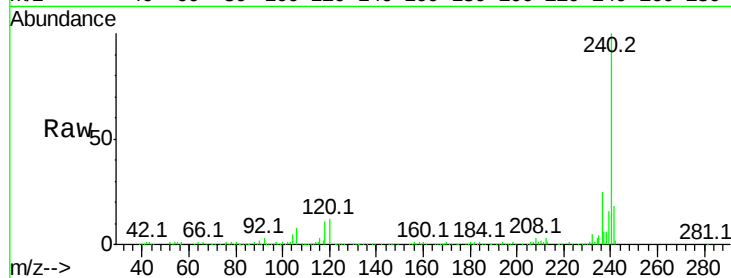
Tot Ion:240 Resp: 268245

Ion Ratio Lower Upper

240 100

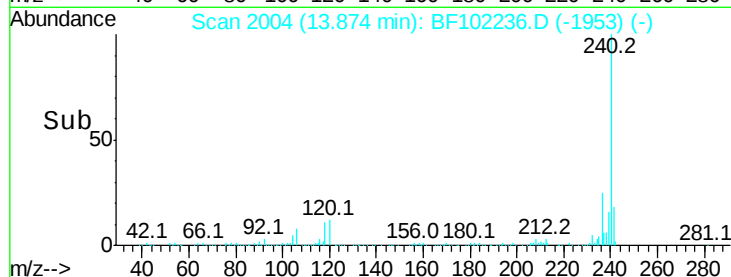
120 12.2 9.5 14.3

236 25.3 20.7 31.1

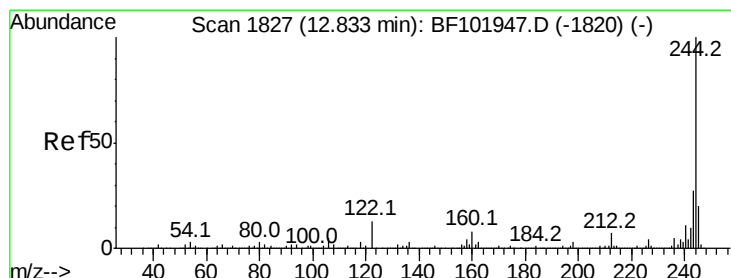


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.87



Time--> 13.80 13.90



#78

Terphenyl-d14

Concen: 53.741 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102236.D

Acq: 20 Jan 2018 00:12

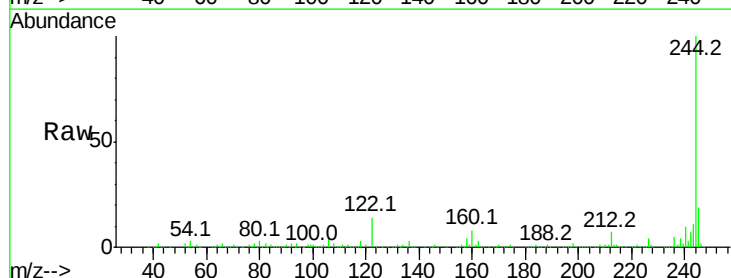
Tgt Ion:244 Resp: 694317

Ion Ratio Lower Upper

244 100

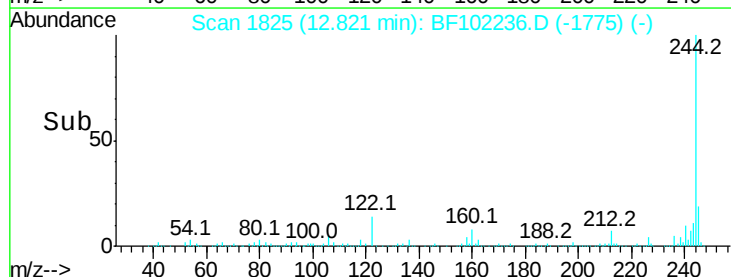
212 6.6 5.4 8.0

122 14.2 11.0 16.4

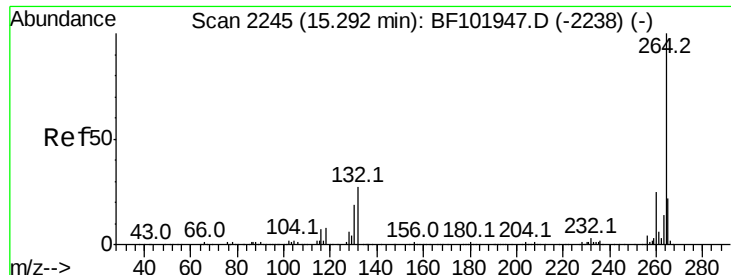


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.82



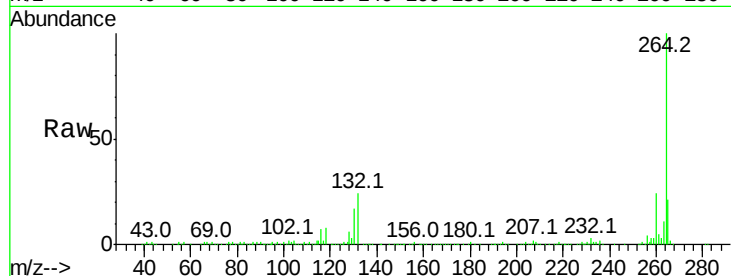
Time--> 12.80 12.90



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102236.D
 Acq: 20 Jan 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	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

