

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102197.D
 Acq On : 18 Jan 2018 17:52
 Operator : SJ/JU
 Sample : J1010-06 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:13:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

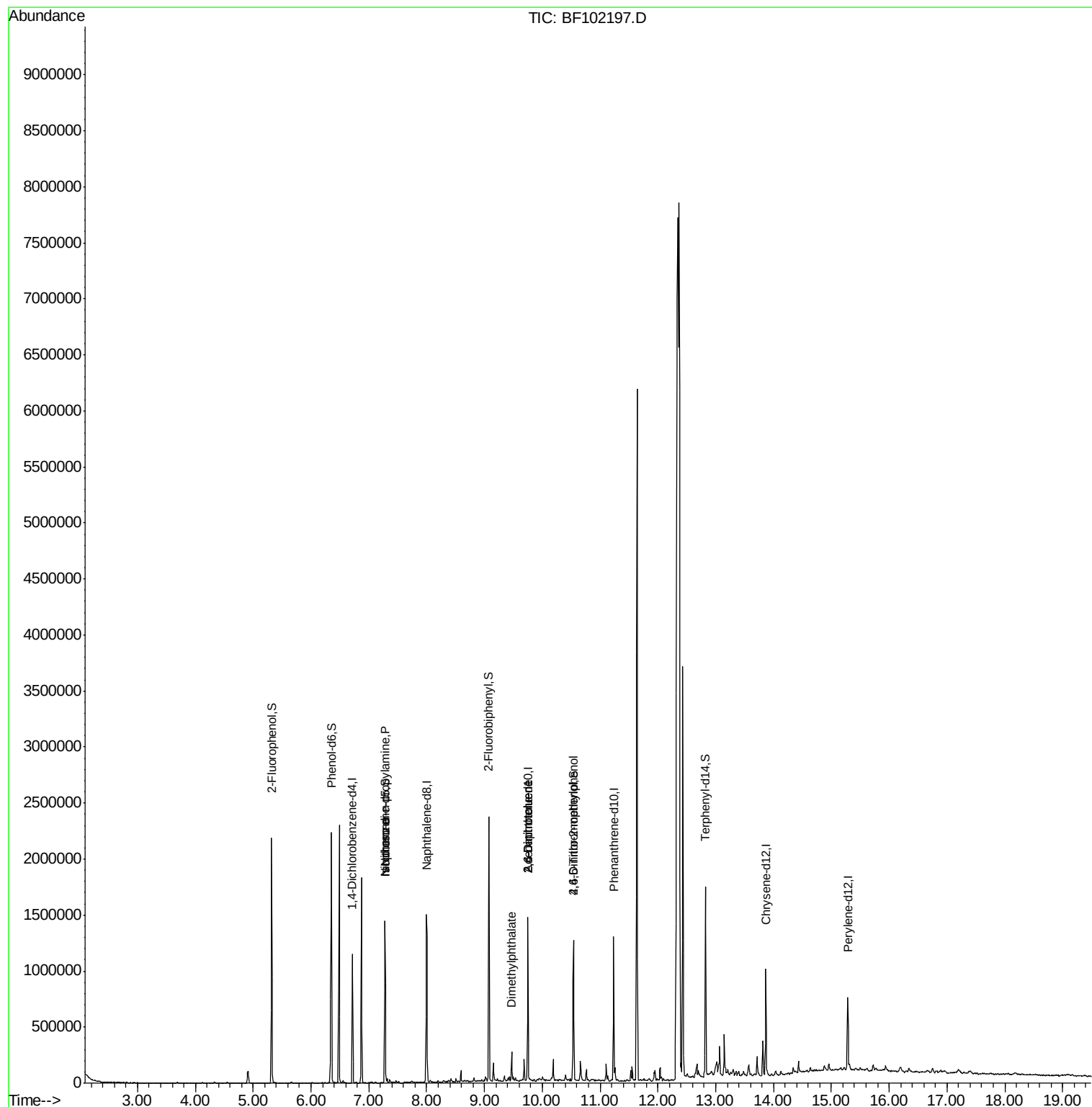
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170102	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	674427	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281924	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	429236	20.00	ng	0.00
75) Chrysene-d12	13.87	240	293658	20.00	ng	0.00
86) Perylene-d12	15.29	264	278246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	582042	48.32	ng	0.00
7) Phenol-d6	6.35	99	693308	48.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	427858	37.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	130856	53.19	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	754782	41.83	ng	0.00
78) Terphenyl-d14	12.82	244	532892	37.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	56099	5.956	ng	# 79
25) Isophorone	7.28	82	424211	18.706	ng	# 64
49) Dimethylphthalate	9.47	163	88770	3.925	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	36724	8.129	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36724	6.486	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	131	5.712	ng	# 1

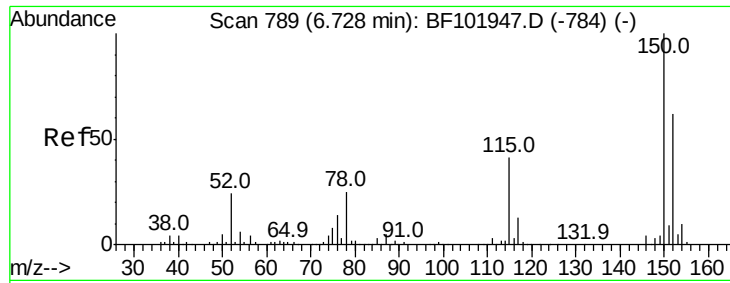
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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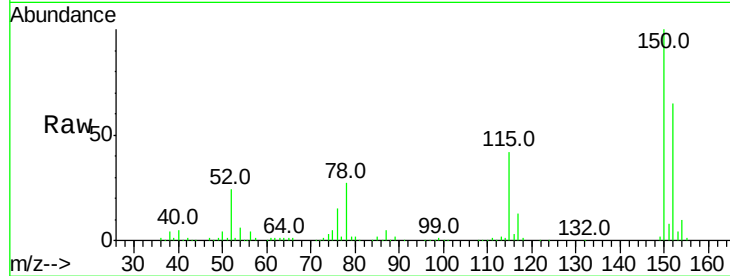


#1

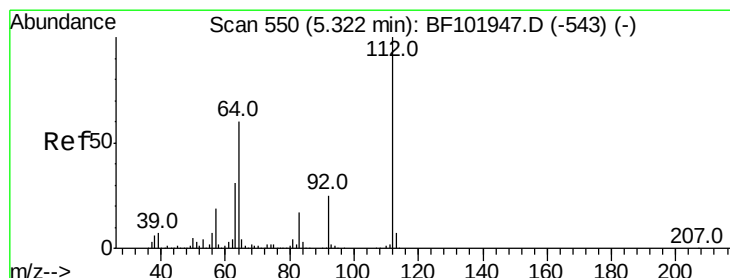
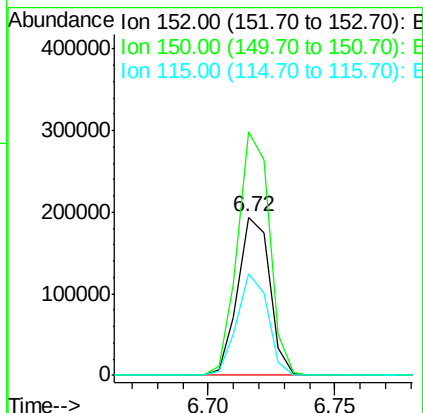
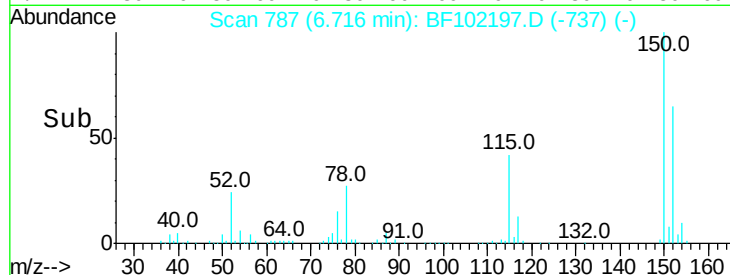
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102197.D
Acq: 18 Jan 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	64.1	50.1	75.1



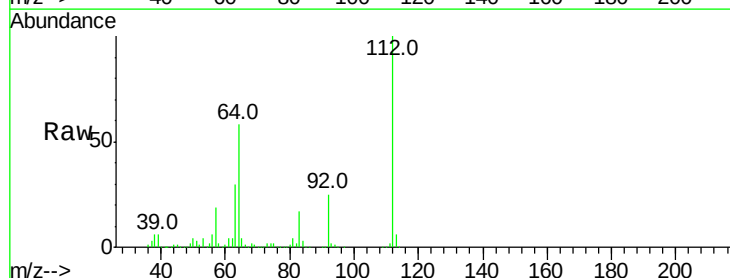
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



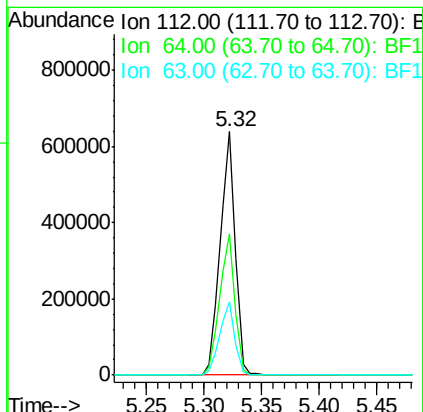
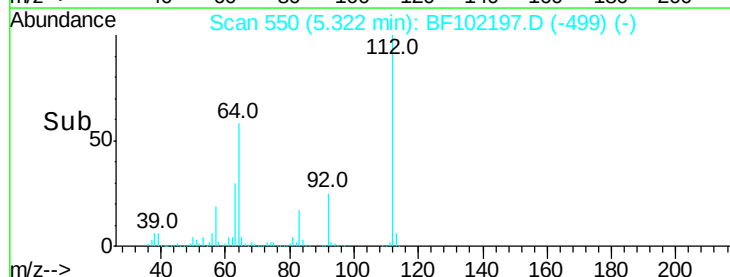
#5

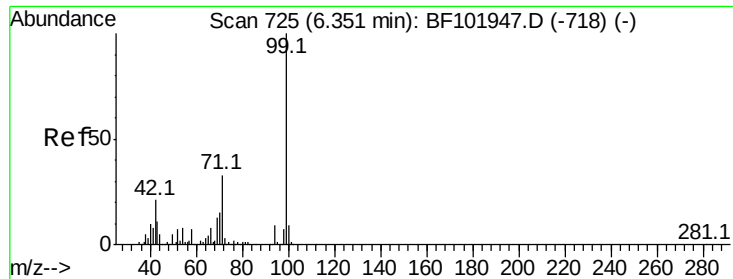
2-Fluorophenol
Concen: 48.318 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102197.D
Acq: 18 Jan 2018 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	30.0	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: 48.239 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

Instrument :

BNA_F

ClientSampleId :

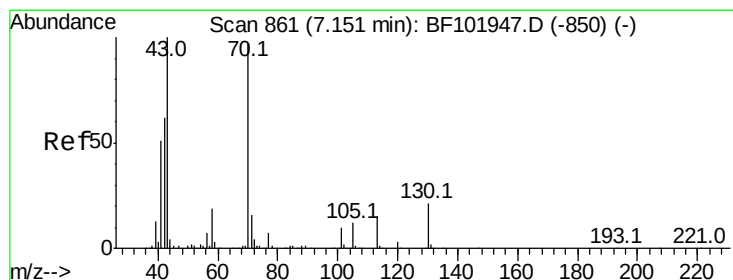
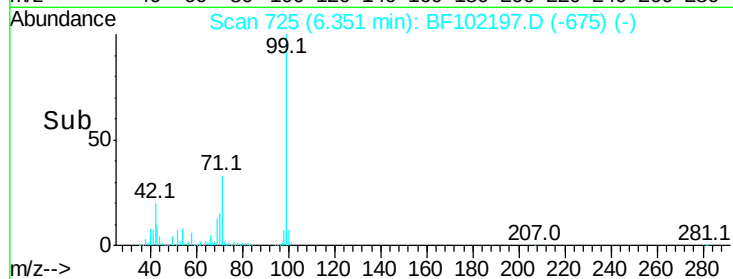
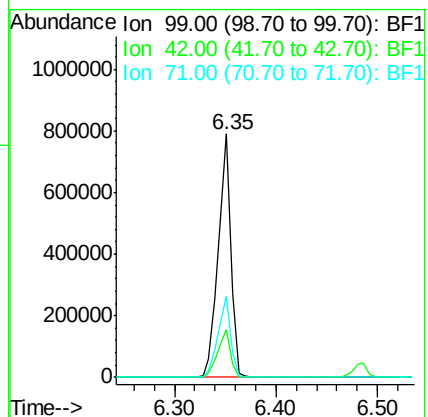
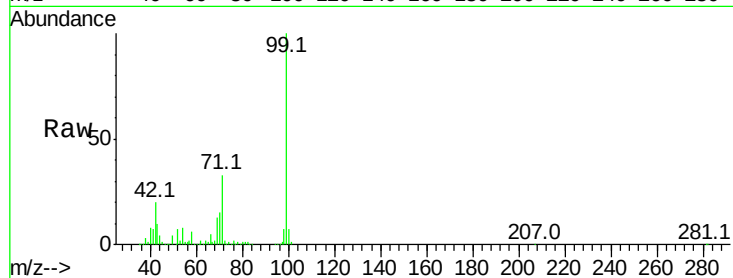
Tot Ion: 99 Resp: 693308

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.956 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

Tgt Ion: 70 Resp: 56099

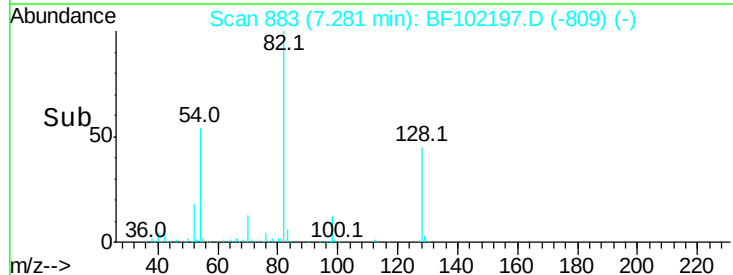
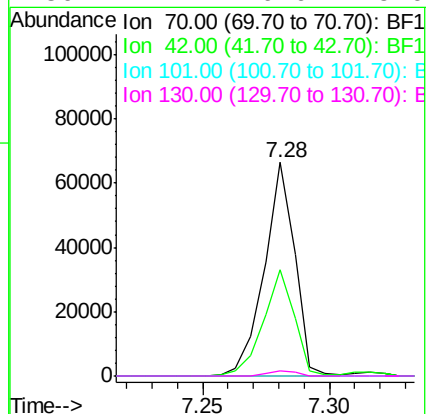
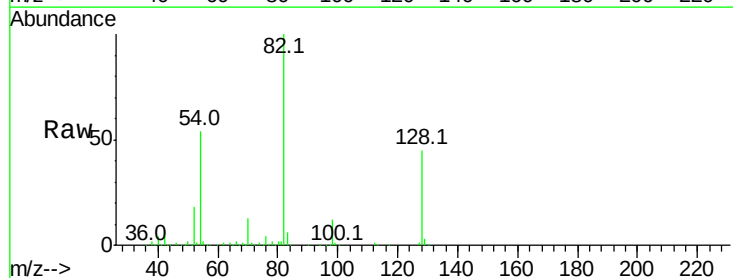
Ion Ratio Lower Upper

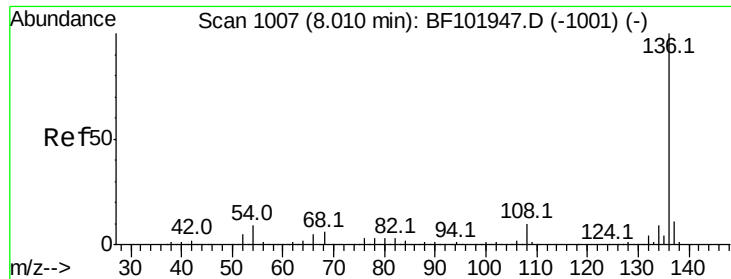
70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

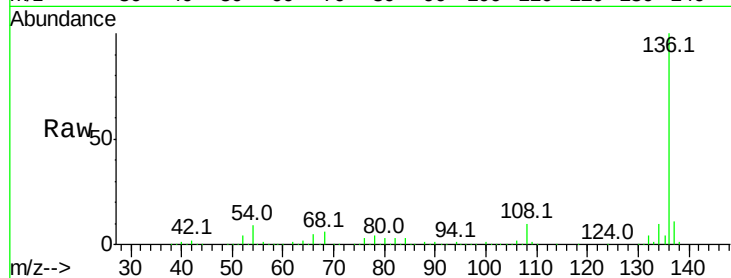




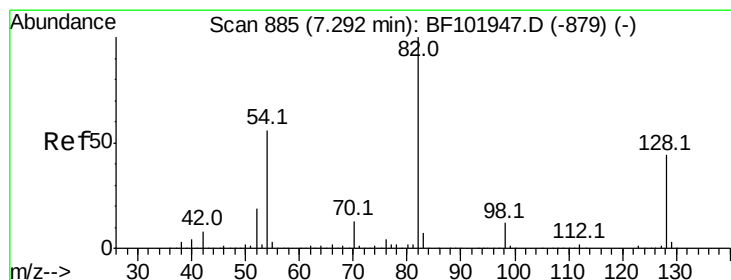
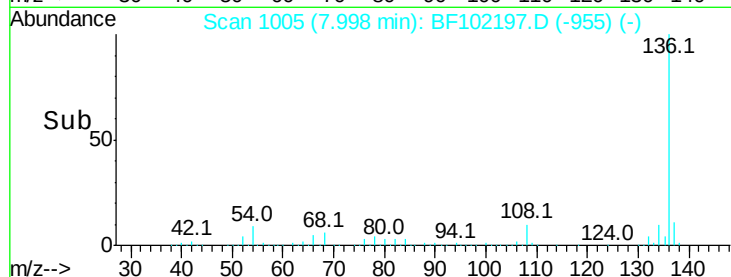
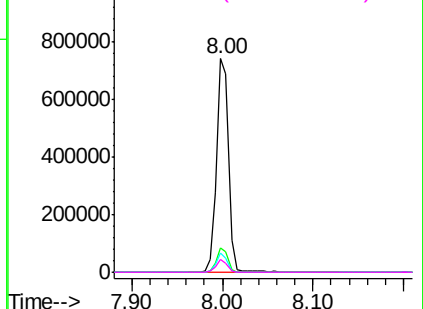
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102197.D
Acq: 18 Jan 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	674427
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	5.8	5.0	7.4

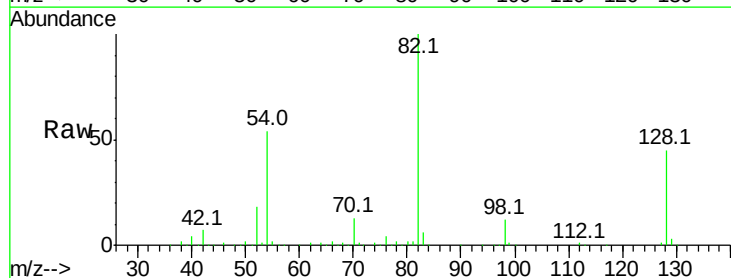


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

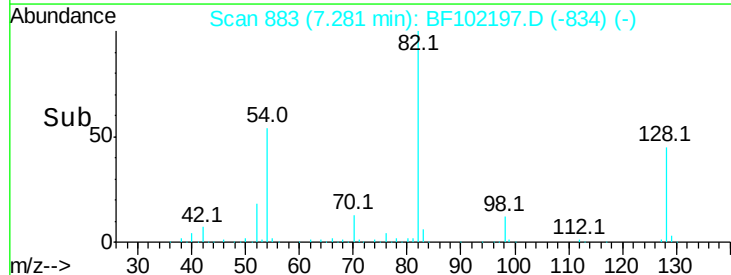
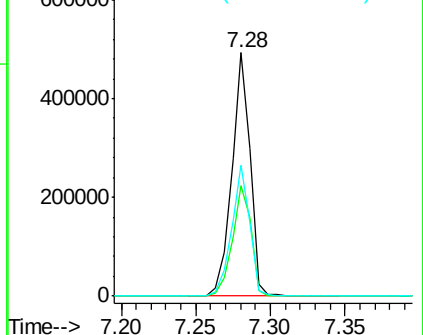


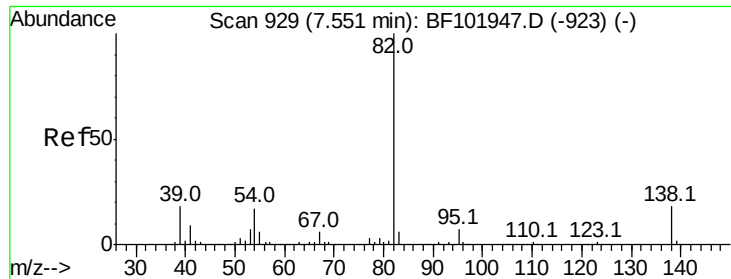
#23
Nitrobenzene-d5
Concen: 37.280 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102197.D
Acq: 18 Jan 2018 17:52

Tgt Ion:	82	Resp:	427858
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	53.8	41.4	62.2



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





#25

Isophorone

Concen: 18.706 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

Instrument :

BNA_F

ClientSampleId :

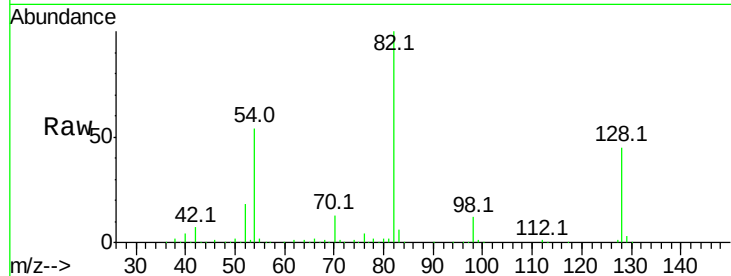
Tot Ion: 82 Resp: 424211

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

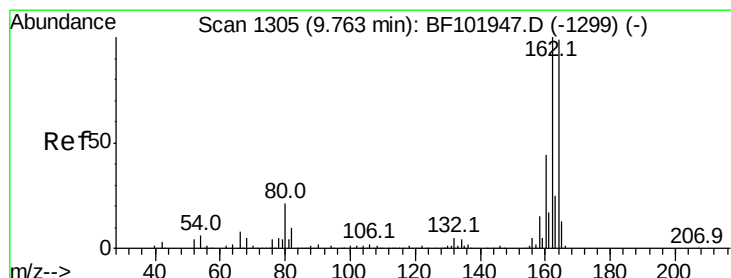
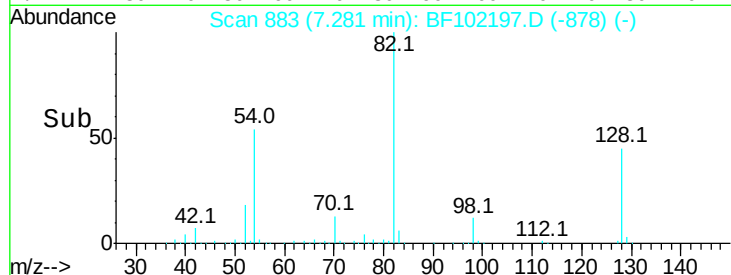
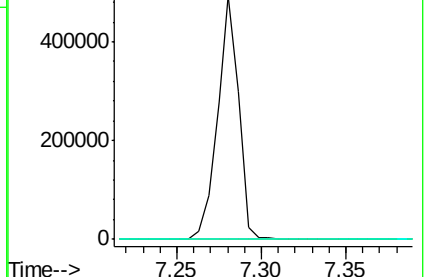
138 0.0 14.9 22.3#



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: BF102197.D

Acq: 18 Jan 2018 17:52

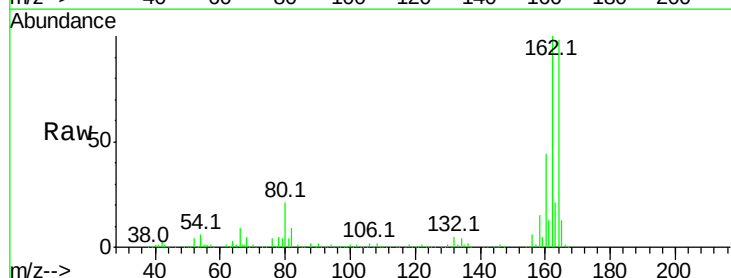
Tgt Ion:164 Resp: 281924

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

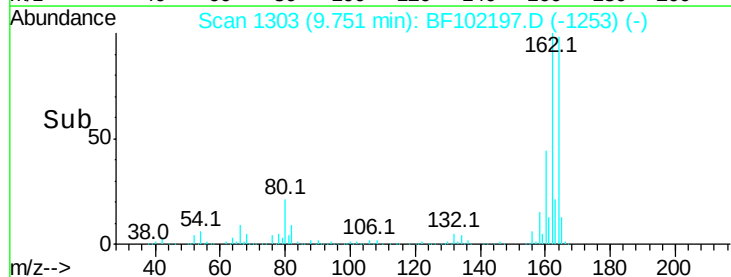
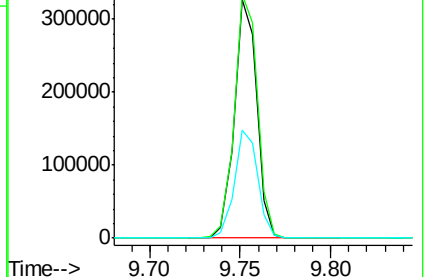
160 45.0 38.3 57.5

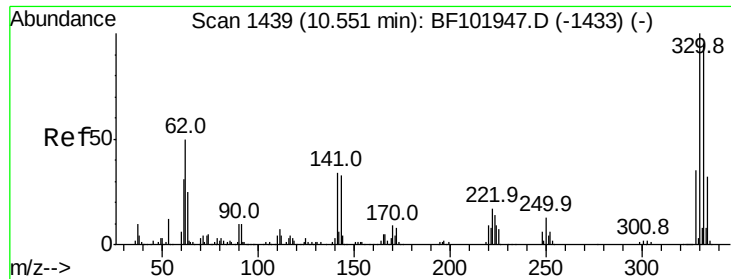


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

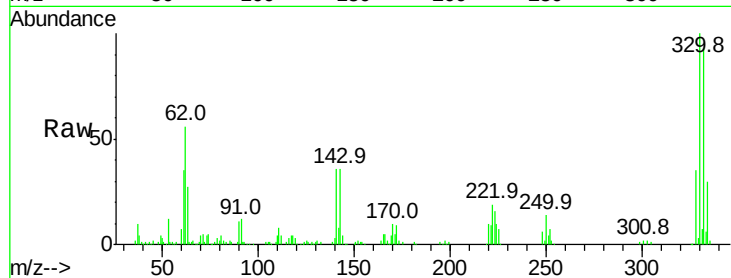




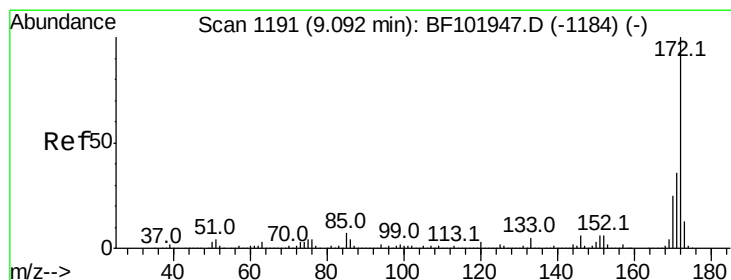
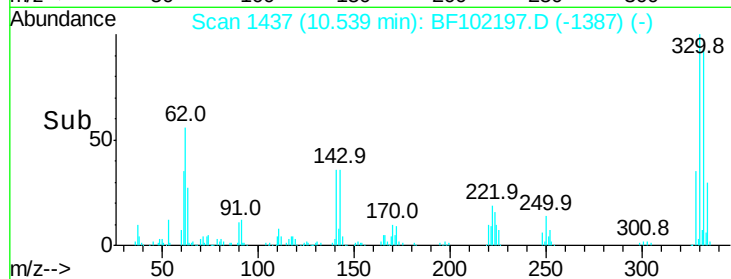
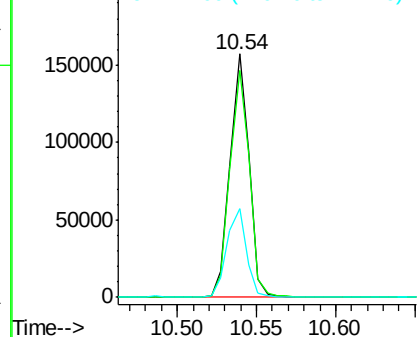
#41
 2,4,6-Tribromophenol
 Concen: 53.187 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102197.D
 Acq: 18 Jan 2018 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.0	29.9	44.9

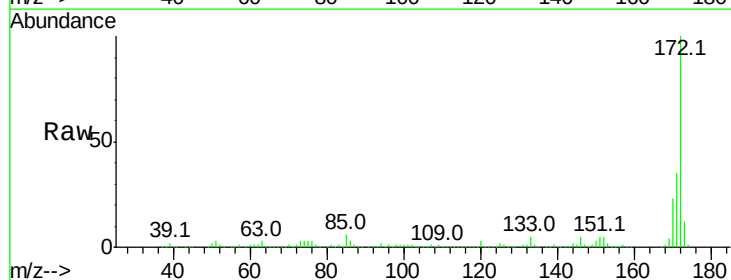


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

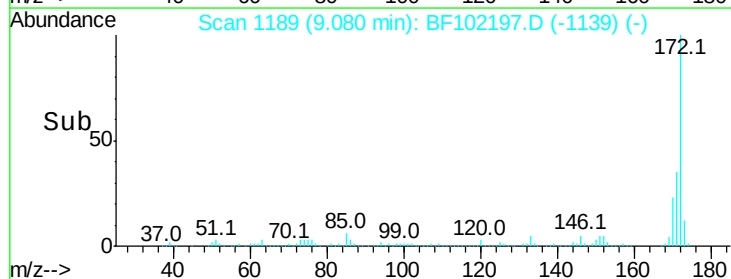
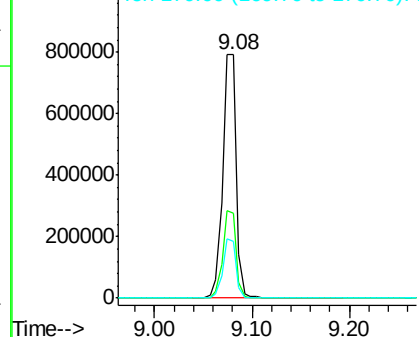


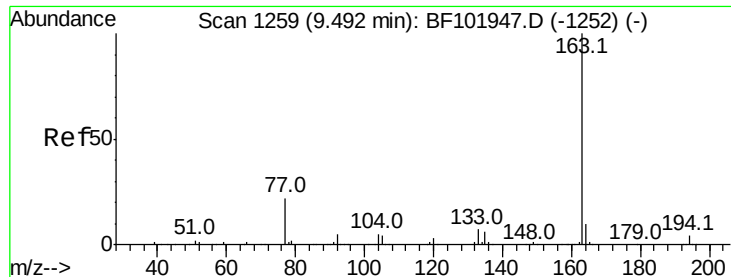
#44
 2-Fluorobiphenyl
 Concen: 41.826 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102197.D
 Acq: 18 Jan 2018 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.3	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: 3.925 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

Instrument :

BNA_F

ClientSampled :

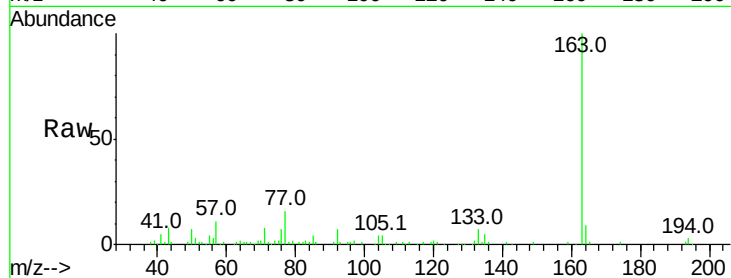
Tot Ion:163 Resp: 88770

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

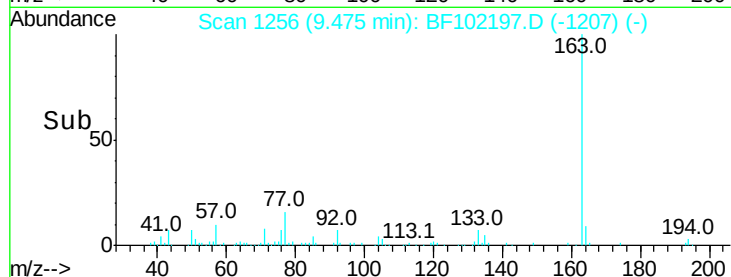
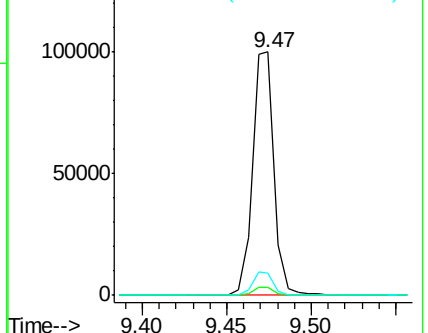
164 9.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.129 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.20 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

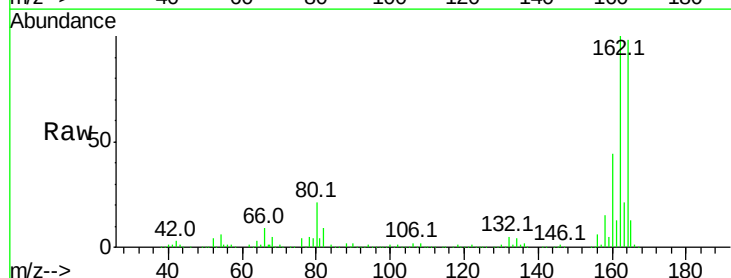
Tgt Ion:165 Resp: 36724

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

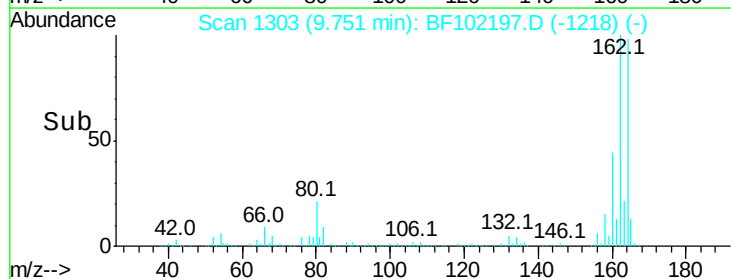
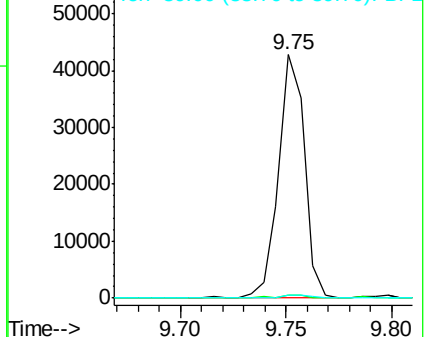
89 1.3 44.0 66.0#

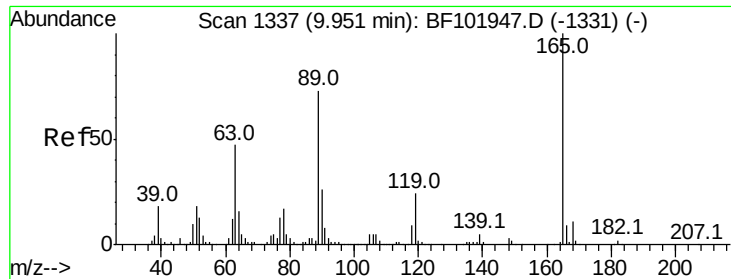


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

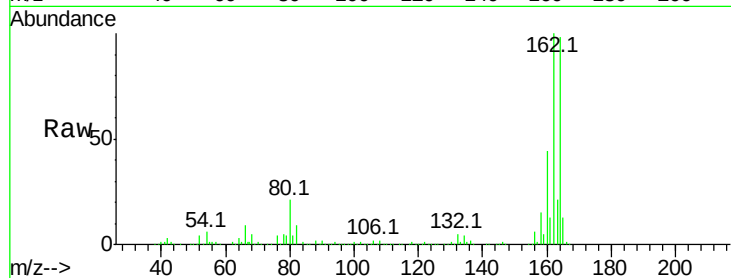




#56
 2,4-Dinitrotoluene
 Concen: 6.486 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102197.D
 Acq: 18 Jan 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

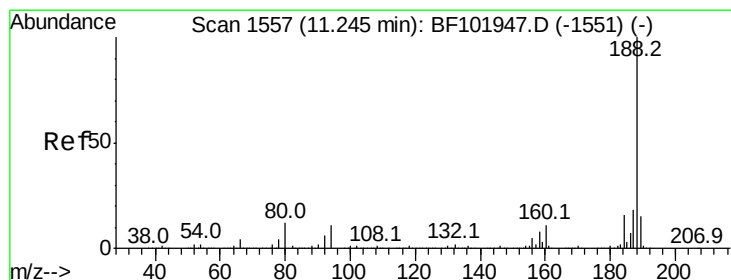
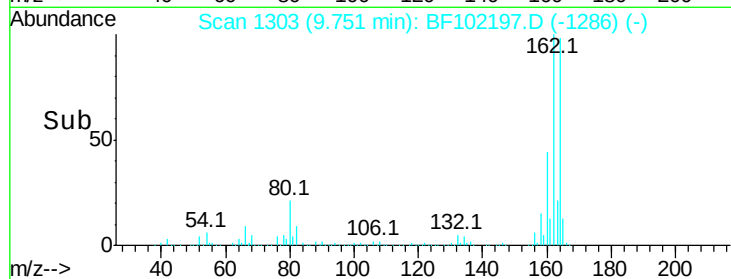
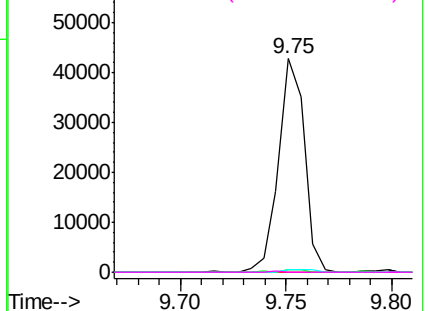


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

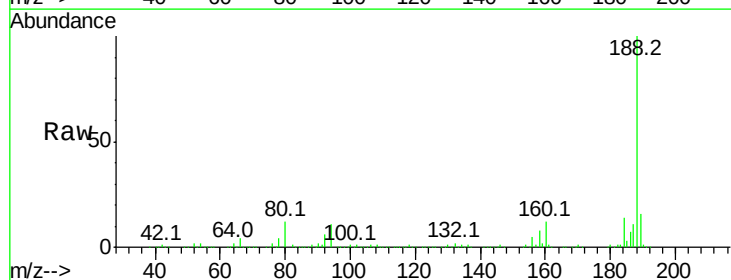
Ion 89.00 (88.70 to 89.70): BF1

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: BF102197.D
 Acq: 18 Jan 2018 17:52

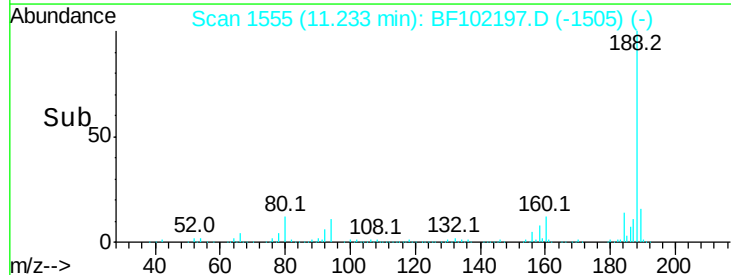
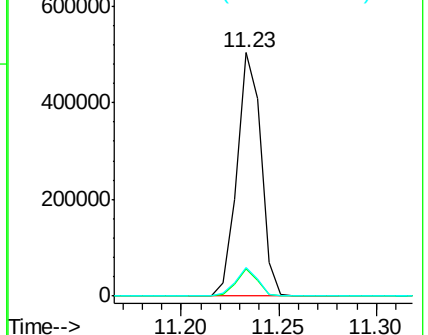
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.2	13.8

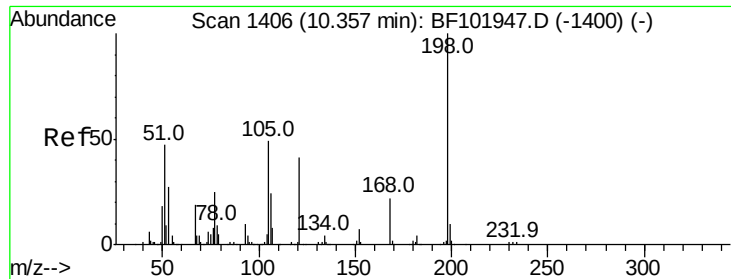


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.712 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

Instrument :

BNA_F

ClientSampleId :

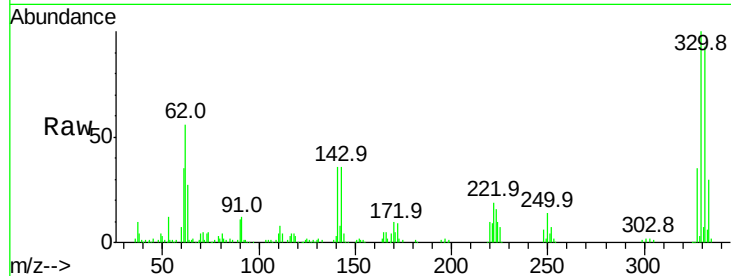
Tot Ion:198 Resp: 131

Ion Ratio Lower Upper

198 100

51 256.8 37.7 77.7#

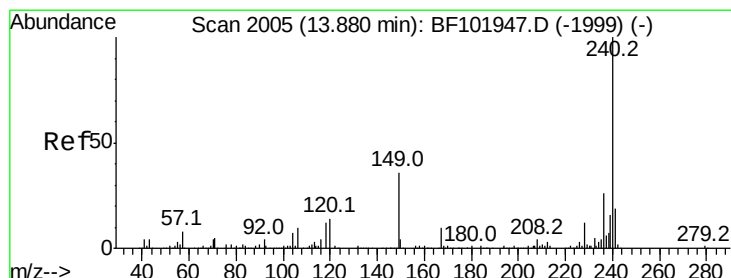
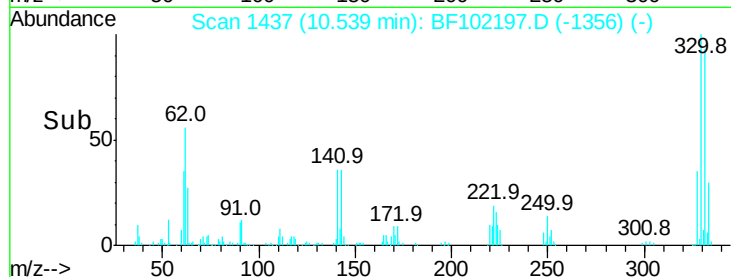
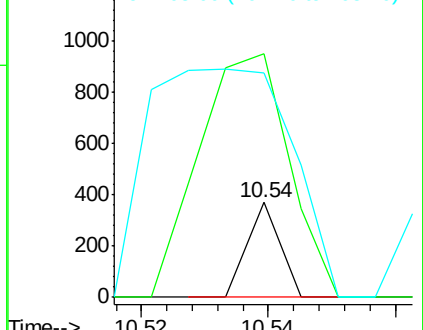
105 236.2 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102197.D

Acq: 18 Jan 2018 17:52

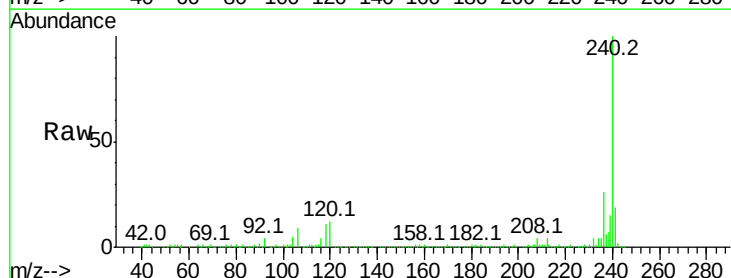
Tgt Ion:240 Resp: 293658

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

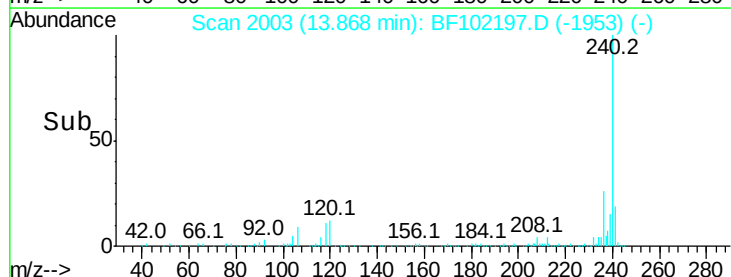
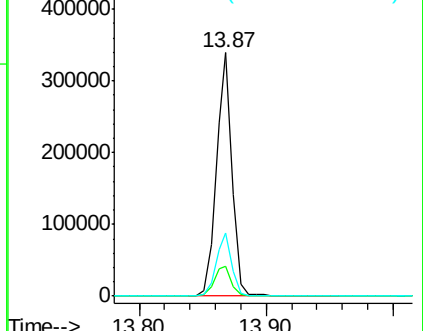
236 25.8 20.7 31.1

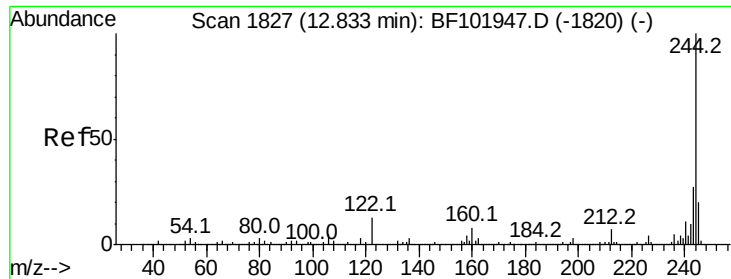


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

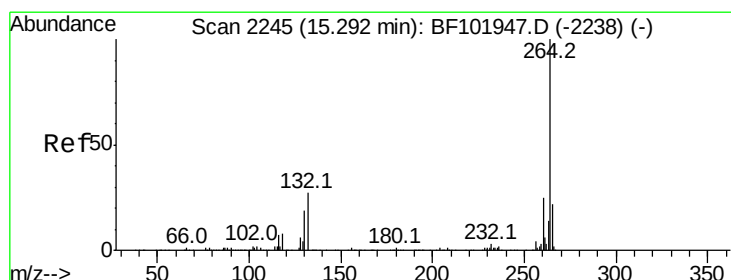
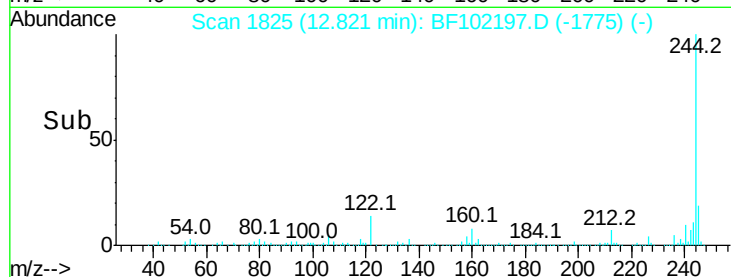
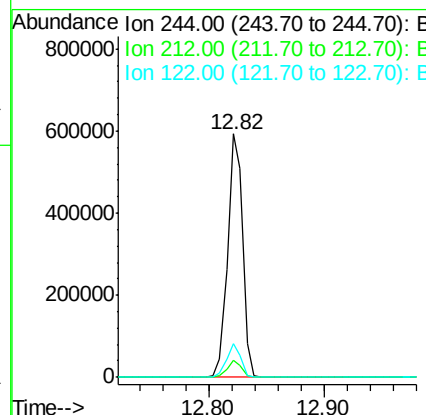
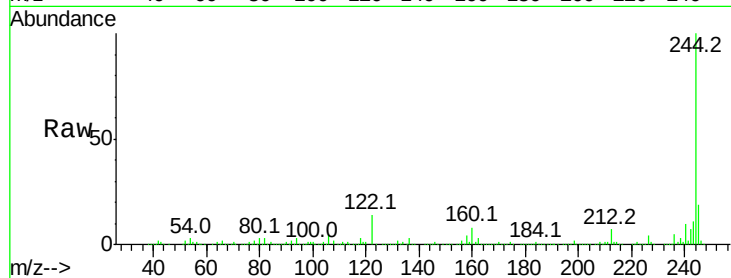




#78
 Terphenyl-d14
 Concen: 37.677 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102197.D
 Acq: 18 Jan 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 532892
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102197.D
 Acq: 18 Jan 2018 17:52

Tgt Ion:264 Resp: 278246
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.5 26.3

