

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107021.D
 Acq On : 30 Jun 2018 18:09
 Operator : JU/SJ
 Sample : J3629-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:06:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

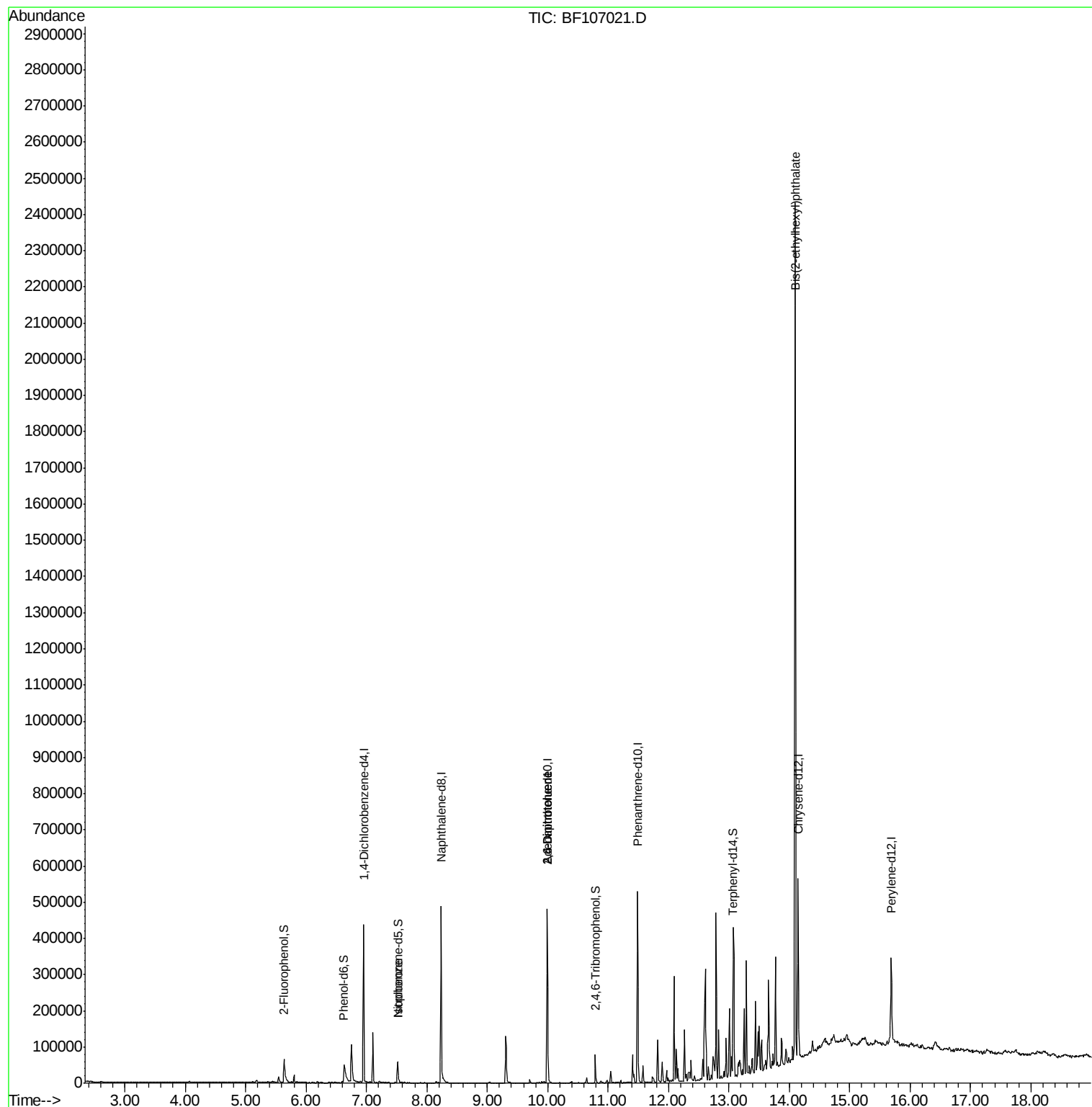
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66297	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	243064	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	101535	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	201409	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	194320	20.00	ng	-0.02
86) Perylene-d12	15.69	264	129538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	39713	10.14	ng	0.04
7) Phenol-d6	6.63	99	45339	9.27	ng	0.02
23) Nitrobenzene-d5	7.51	82	25971	5.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	11358	9.65	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	57543	-6.24	ng	-0.02
78) Terphenyl-d14	13.07	244	70906	8.84	ng	-0.02
Target Compounds						
25) Isophorone	7.51	82	25971	3.370	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	12948	8.029	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12948	6.152	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.10	149	778164	115.530	ng	# 95

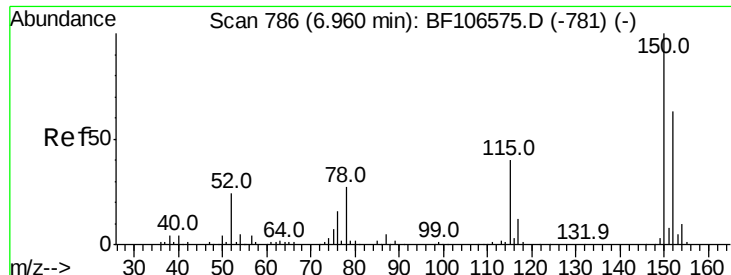
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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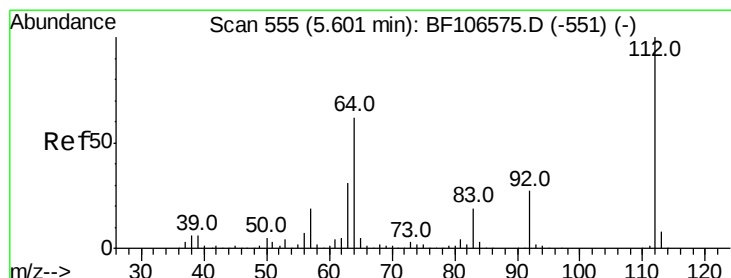
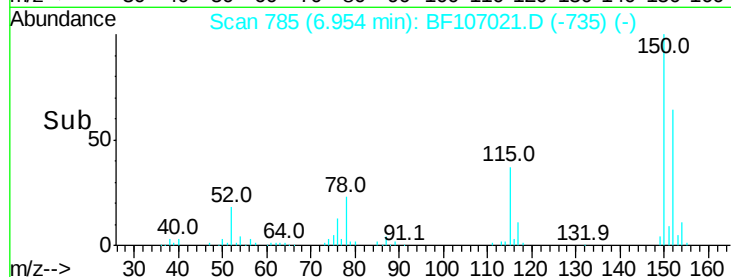
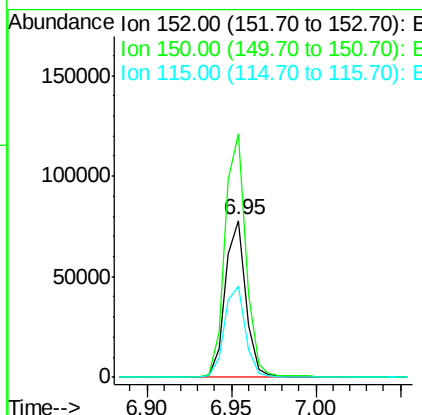
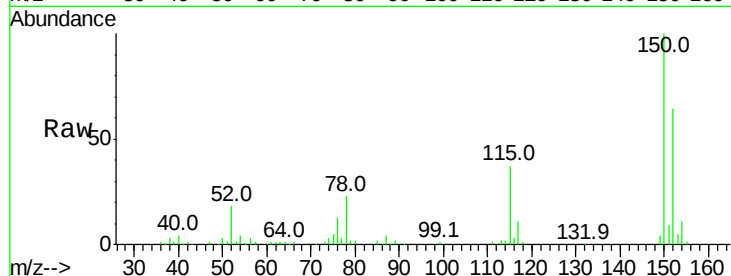


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107021.D
Acq: 30 Jun 2018 18:09

Instrument :
BNA_F
ClientSampleId :

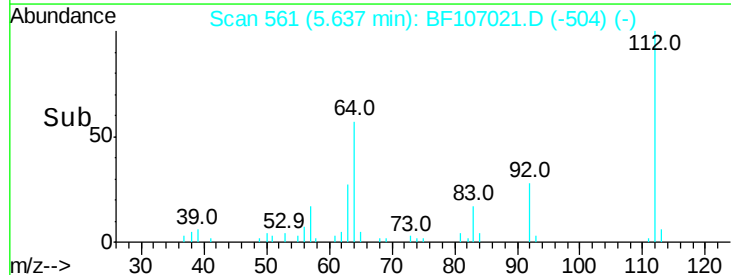
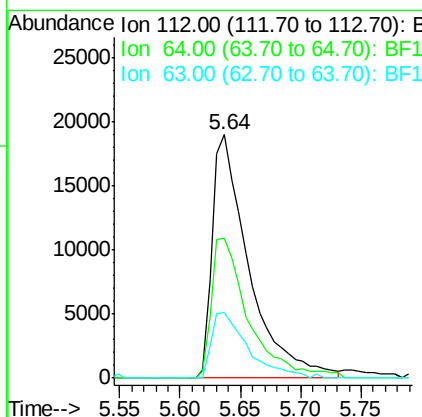
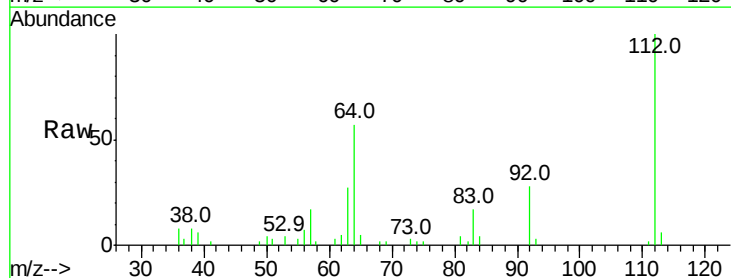
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.9	50.1	75.1

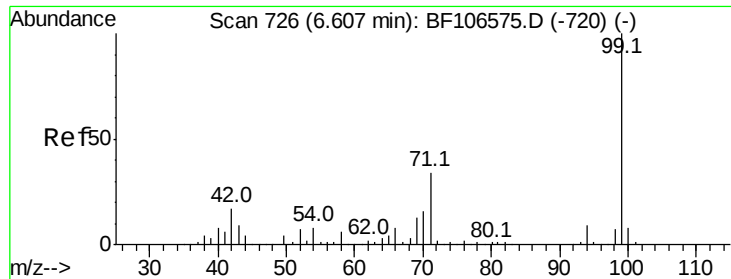


#5

2-Fluorophenol
Concen: 10.143 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.04 min
Lab File: BF107021.D
Acq: 30 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 9.273 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF107021.D

Acq: 30 Jun 2018 18:09

Instrument :

BNA_F

ClientSampleId :

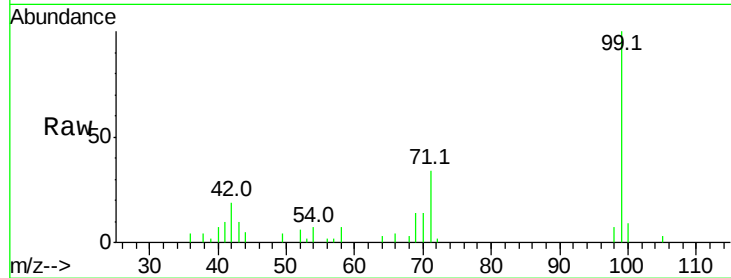
Tot Ion: 99 Resp: 45339

Ion Ratio Lower Upper

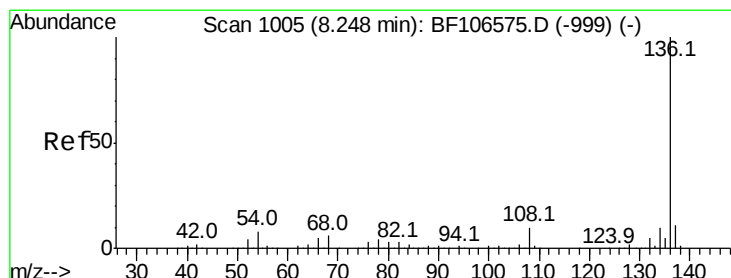
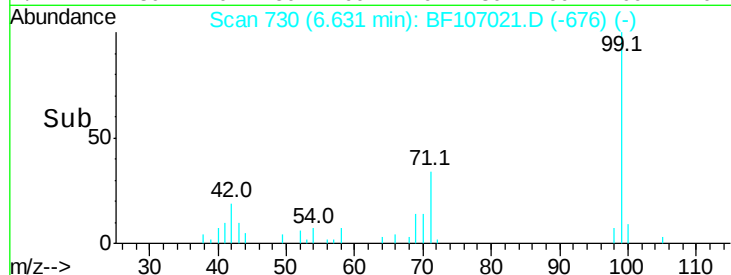
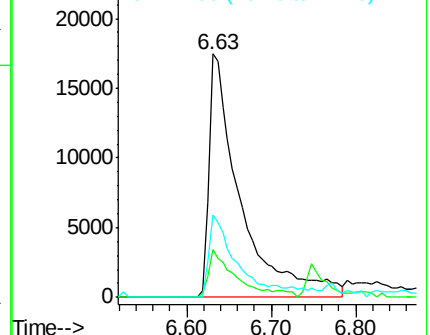
99 100

42 19.4 14.5 21.7

71 34.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107021.D

Acq: 30 Jun 2018 18:09

Tgt Ion: 136 Resp: 243064

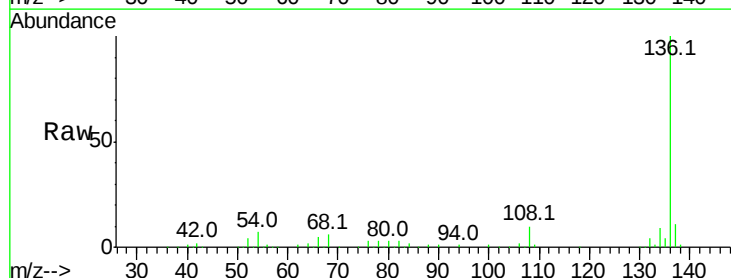
Ion Ratio Lower Upper

136 100

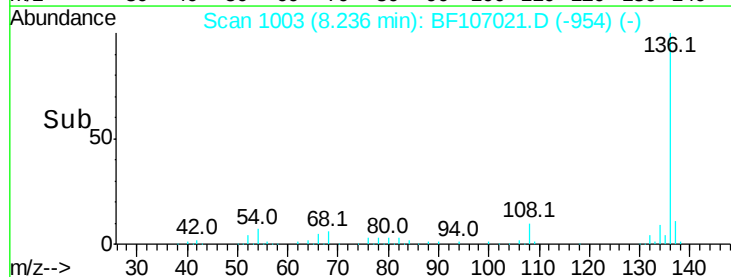
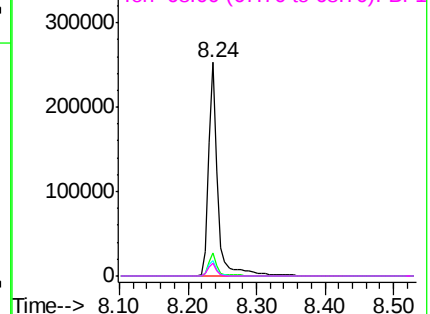
137 10.9 8.9 13.3

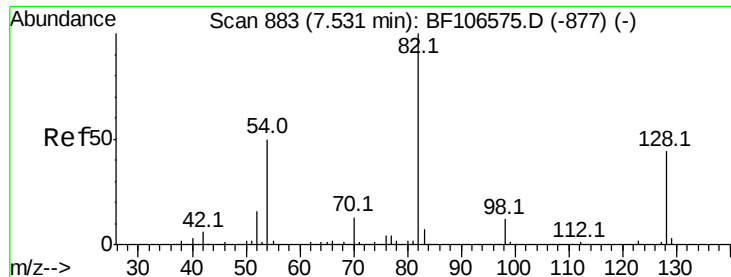
54 7.3 6.6 9.8

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

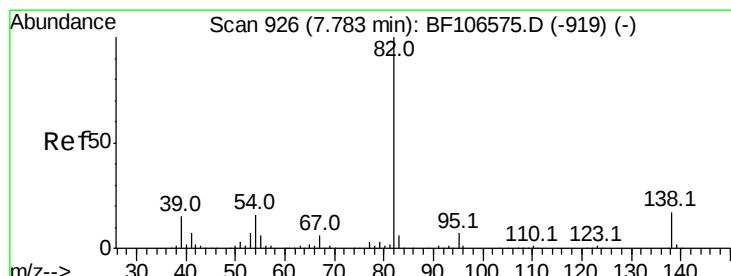
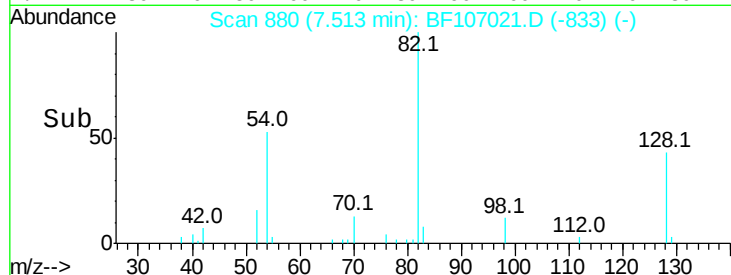
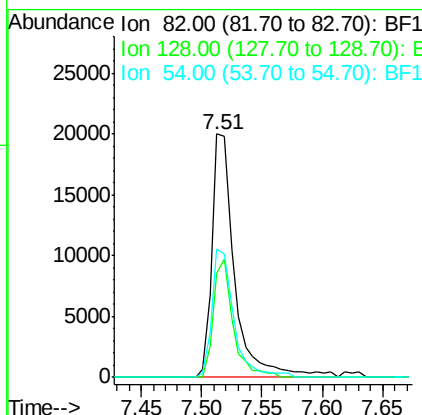
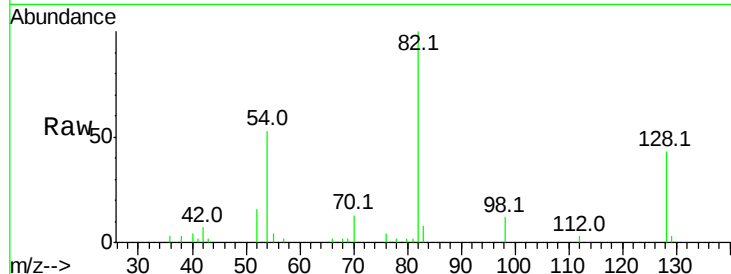




#23
 Nitrobenzene-d5
 Concen: 5.938 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

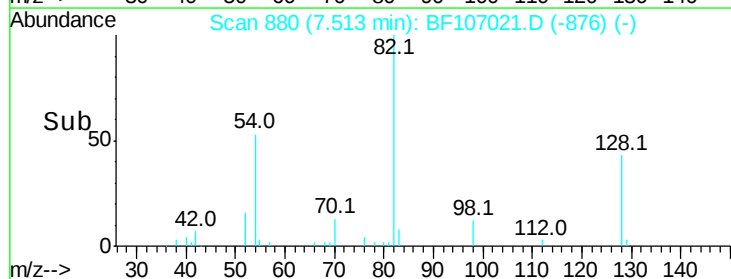
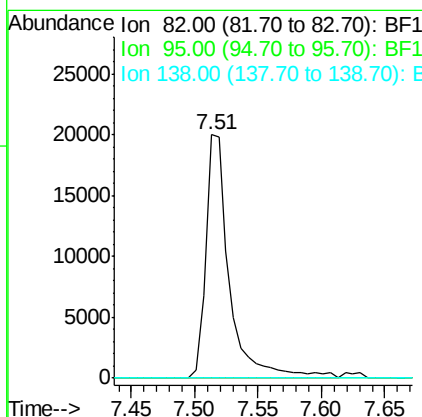
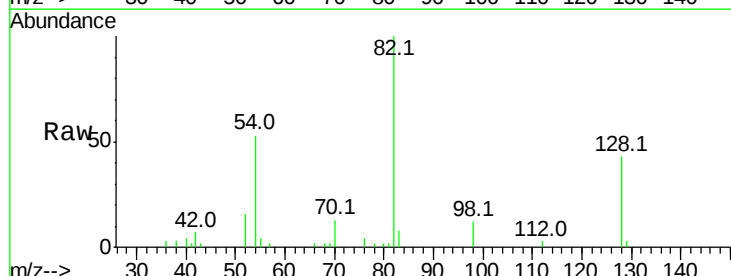
Instrument :
 BNA_F
 ClientSampleId :

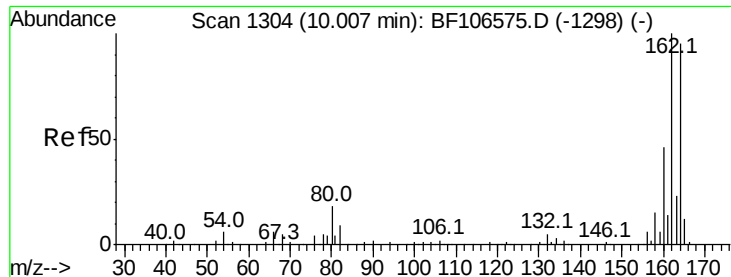
Tot Ion	82	Resp	25971
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	52.6	41.4	62.2



#25
 Isophorone
 Concen: 3.370 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

Tgt Ion	82	Resp	25971
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

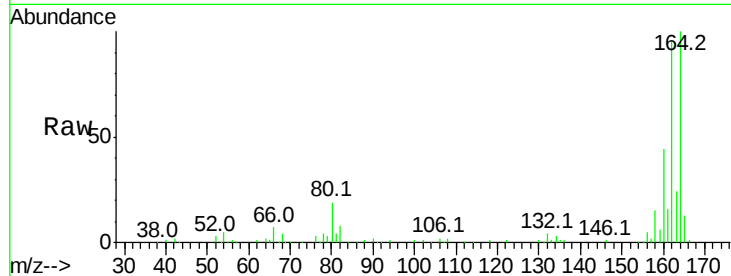




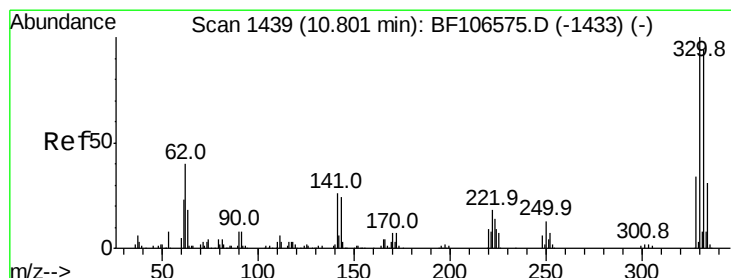
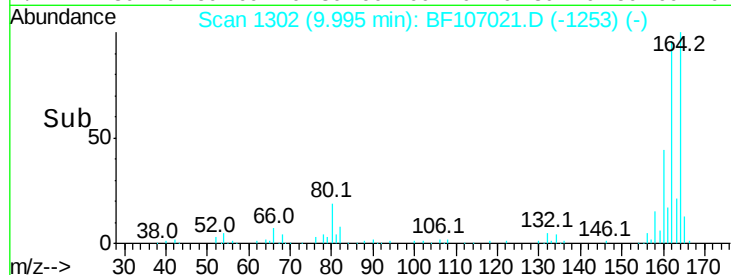
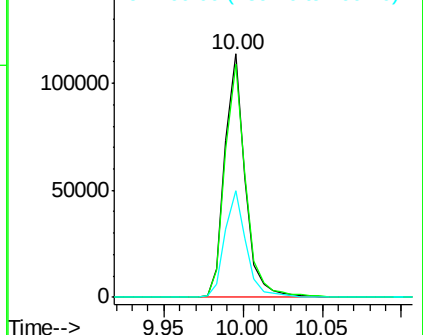
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107021.D
Acq: 30 Jun 2018 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 101535
Ion Ratio Lower Upper
164 100
162 95.6 86.1 129.1
160 44.1 38.3 57.5

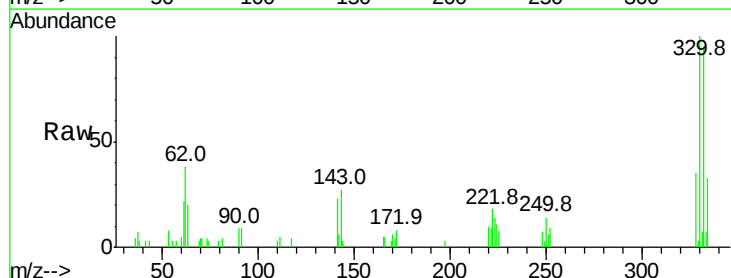


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

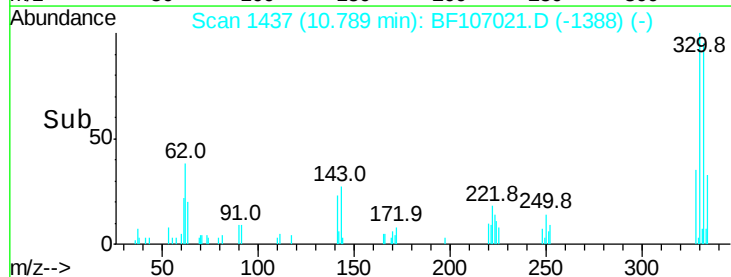
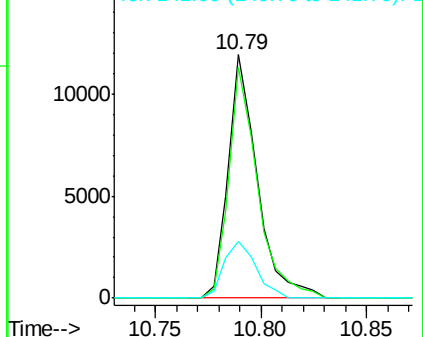


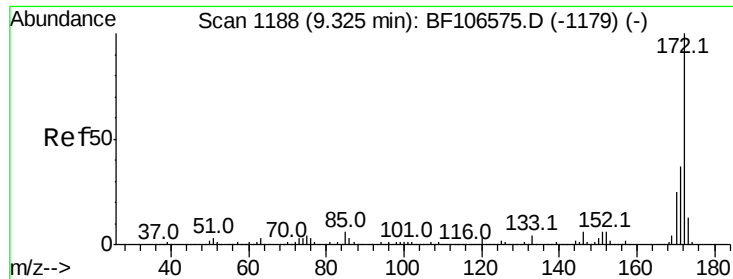
#41
2,4,6-Tribromophenol
Concen: 9.651 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107021.D
Acq: 30 Jun 2018 18:09

Tgt Ion:330 Resp: 11358
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 25.7 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

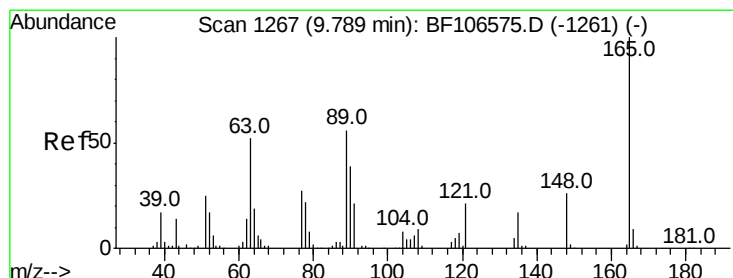
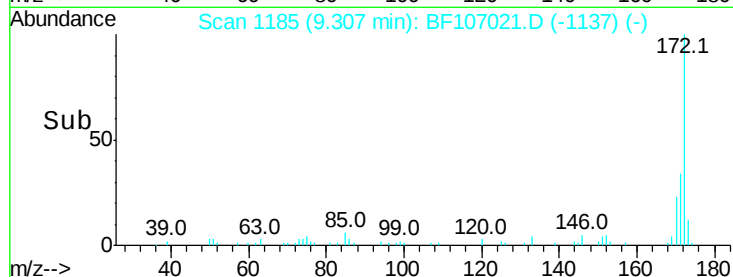
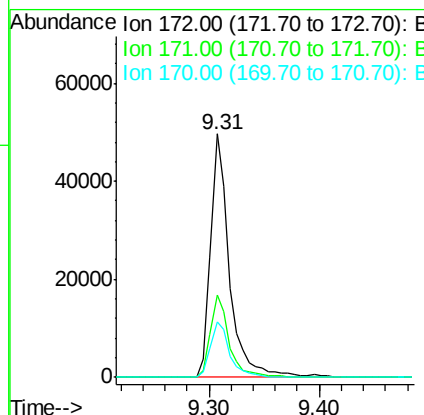
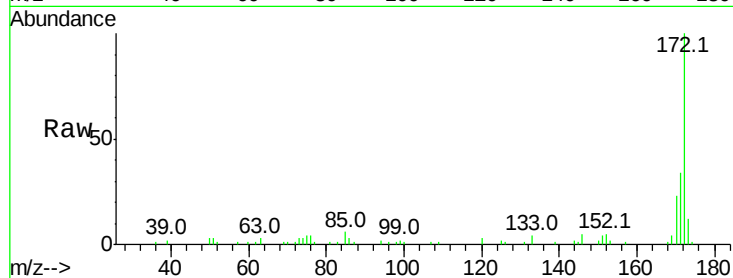




#44
 2-Fluorobiphenyl
 Concen: -6.242 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

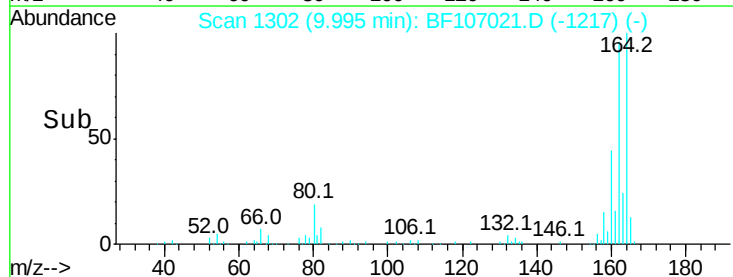
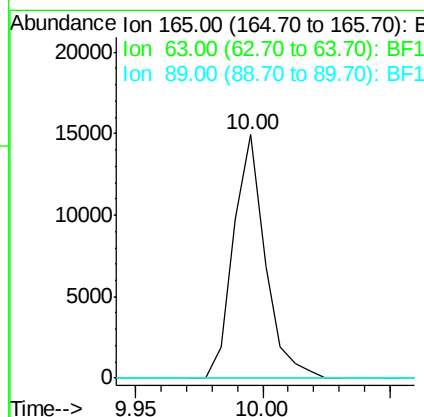
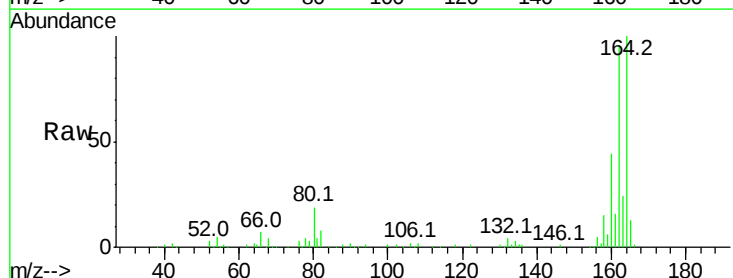
Instrument :
 BNA_F
 ClientSampleId :

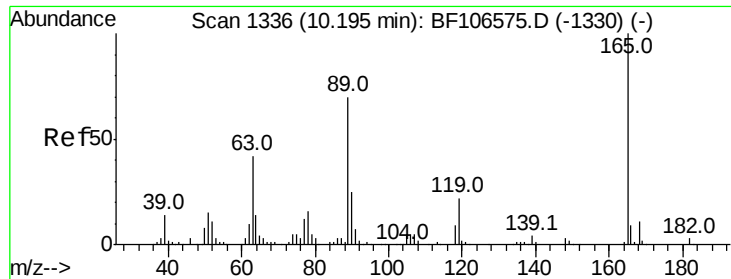
Tot Ion:172 Resp: 57543
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.7 44.5
 170 22.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.029 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

Tgt Ion:165 Resp: 12948
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

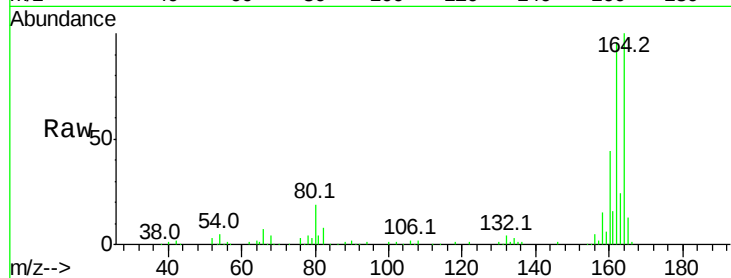




#56
 2,4-Dinitrotoluene
 Concen: 6.152 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

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

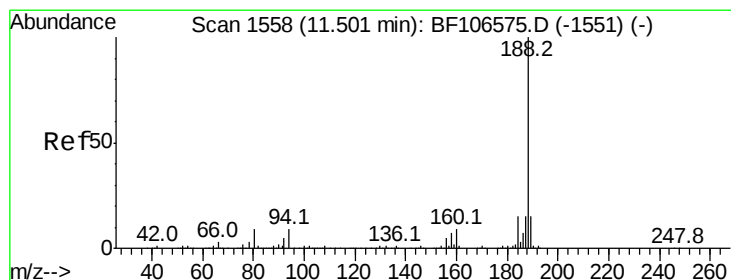
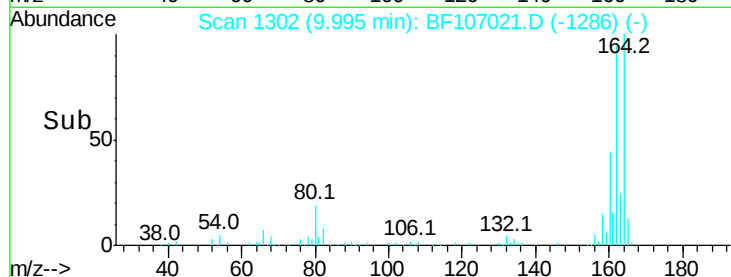
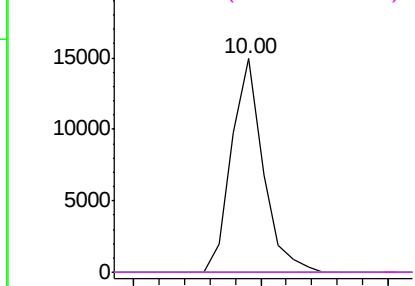


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

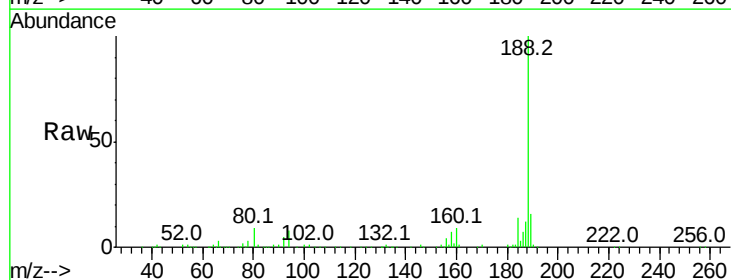
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

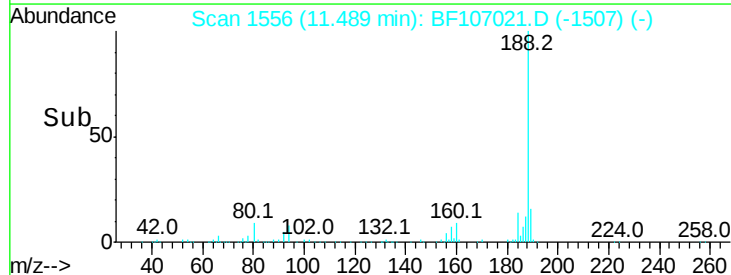
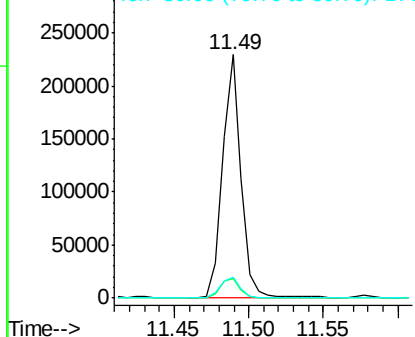
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

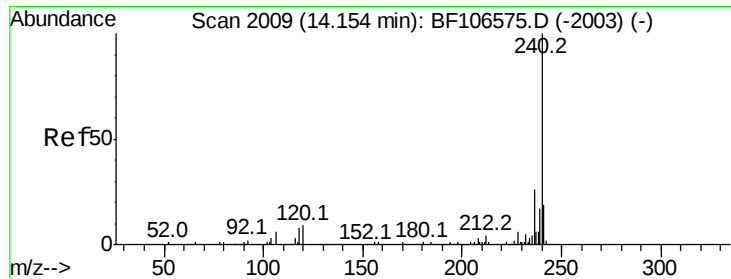


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107021.D

Acq: 30 Jun 2018 18:09

Instrument :

BNA_F

ClientSampleId :

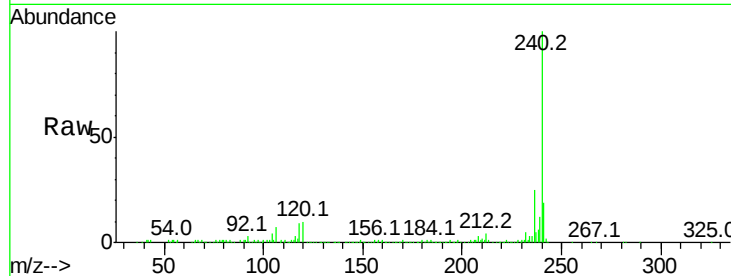
Tot Ion:240 Resp: 194320

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

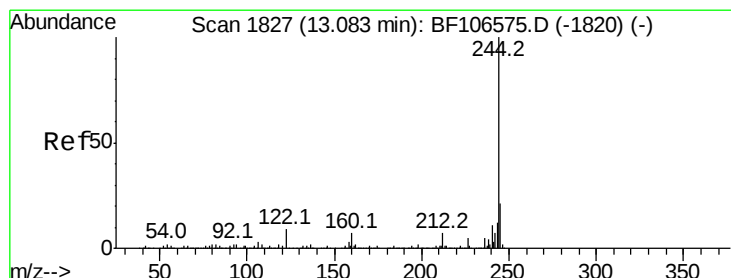
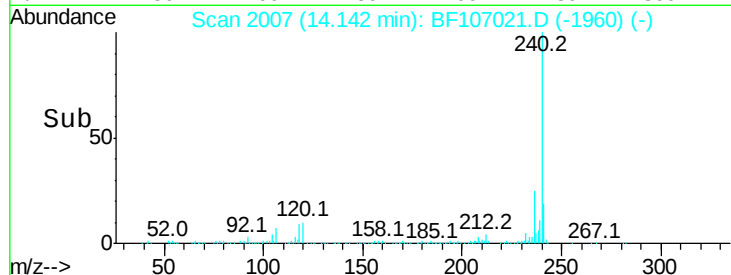
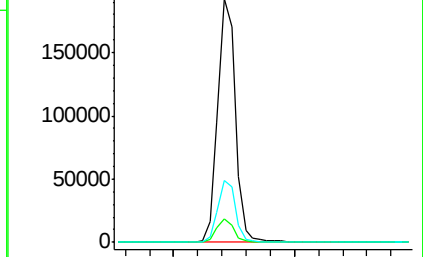
236 25.2 20.7 31.1



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: 8.839 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107021.D

Acq: 30 Jun 2018 18:09

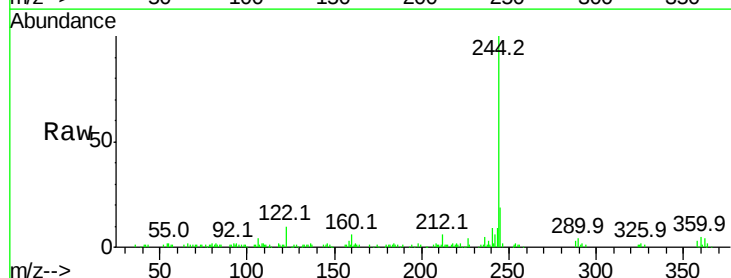
Tgt Ion:244 Resp: 70906

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

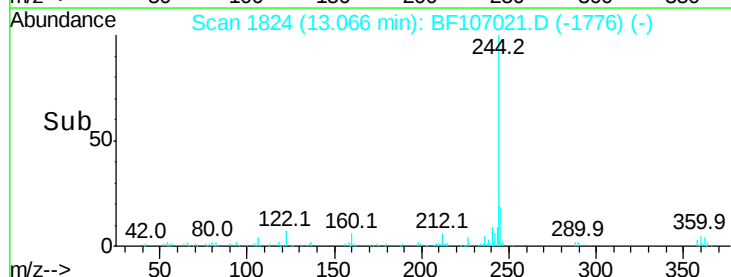
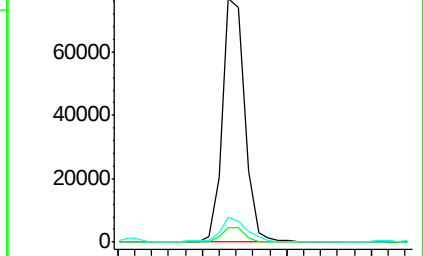
122 10.1 11.0 16.4#

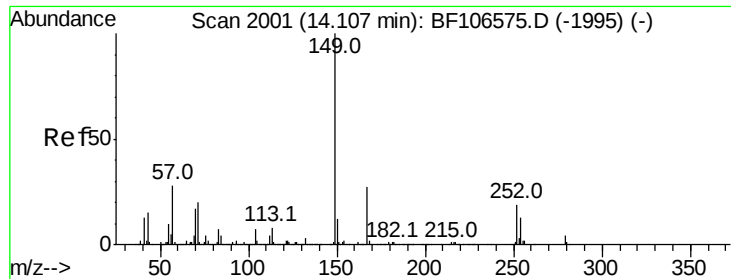


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

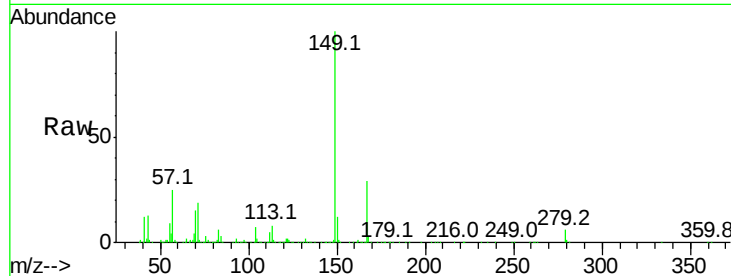




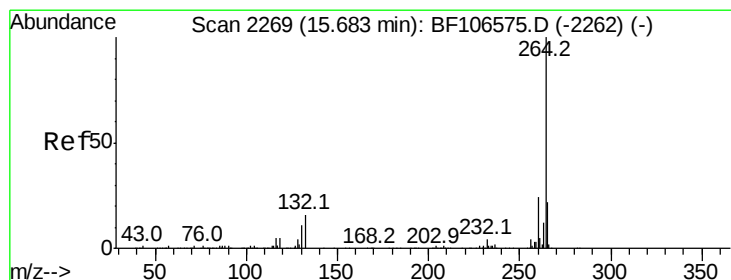
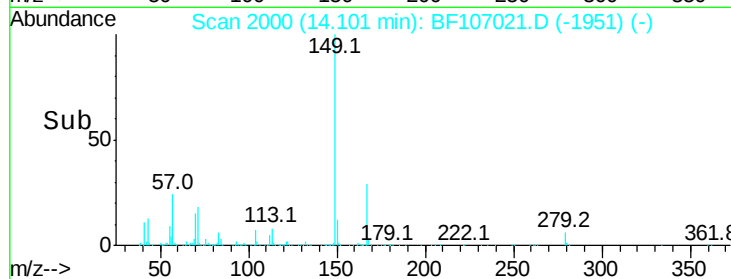
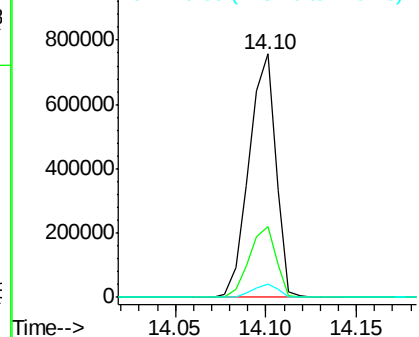
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 115.530 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 778164
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.3 31.9
 279 5.5 3.0 4.4#

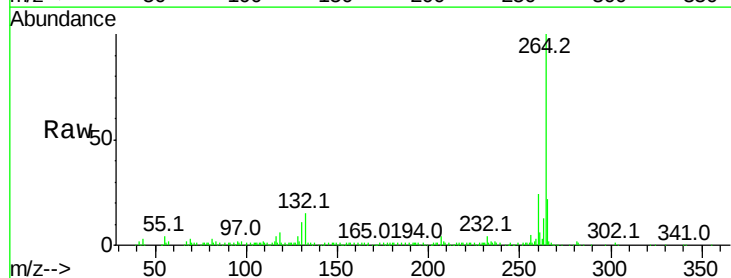


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107021.D
 Acq: 30 Jun 2018 18:09

Tgt Ion:264 Resp: 129538
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 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

