

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107024.D
 Acq On : 30 Jun 2018 19:30
 Operator : JU/SJ
 Sample : J3629-14 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:07:02 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

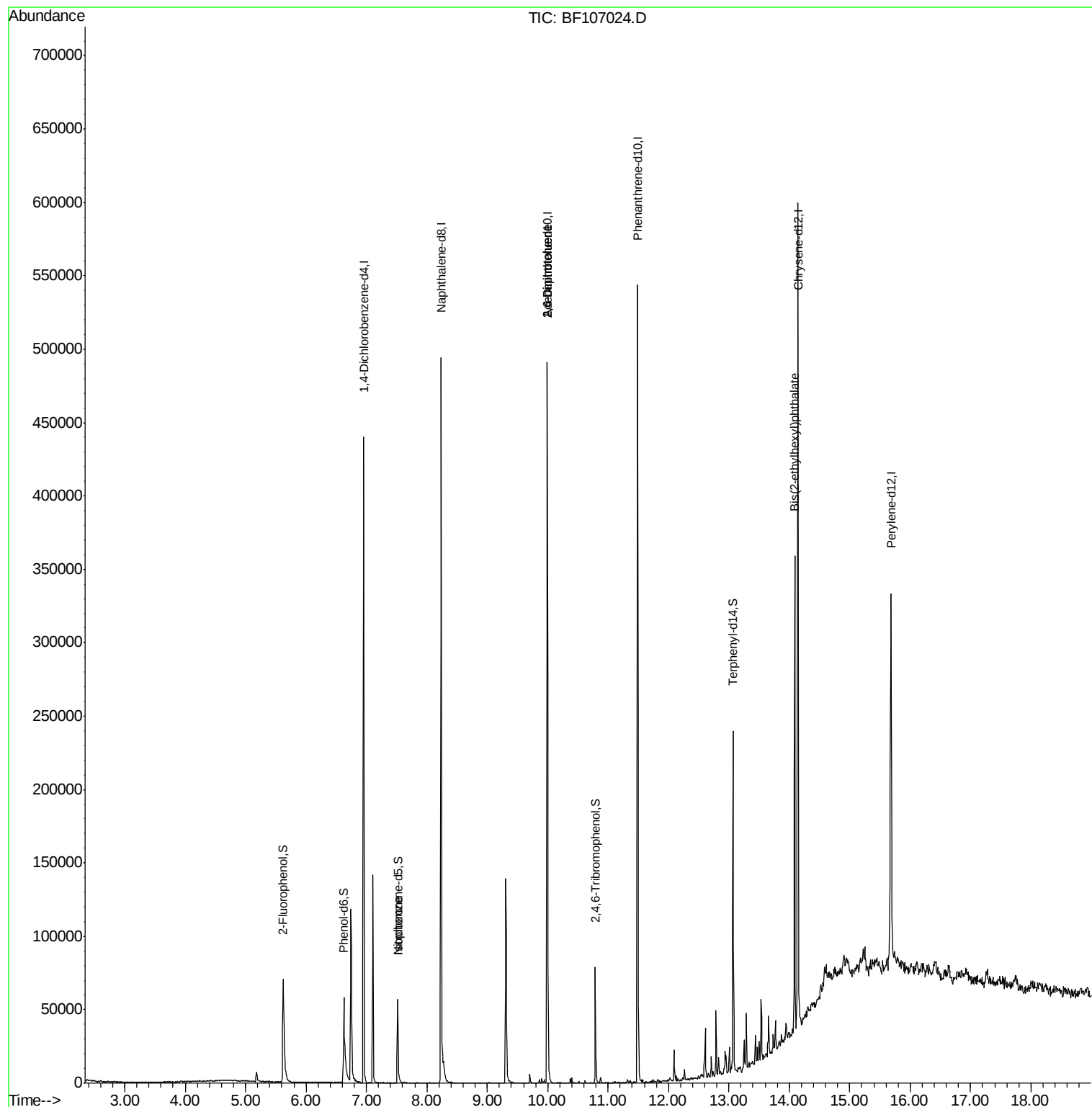
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66257	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	242195	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	106072	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	214862	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	200683	20.00	ng	-0.02
86) Perylene-d12	15.68	264	135039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	40196	10.27	ng	0.02
7) Phenol-d6	6.62	99	45536	9.32	ng	0.01
23) Nitrobenzene-d5	7.52	82	25540	5.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	12259	9.97	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	59462	-6.37	ng	-0.02
78) Terphenyl-d14	13.07	244	79016	9.54	ng	-0.02
Target Compounds						
25) Isophorone	7.52	82	25540	3.326	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	13424	7.969	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	13424	6.105	ng	# 21
83) Bis(2-ethylhexyl)phthalate	14.09	149	82671	11.885	ng	97

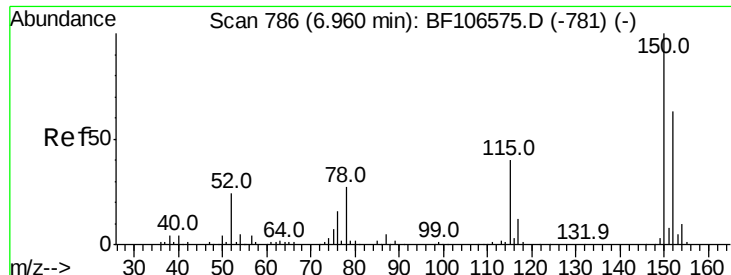
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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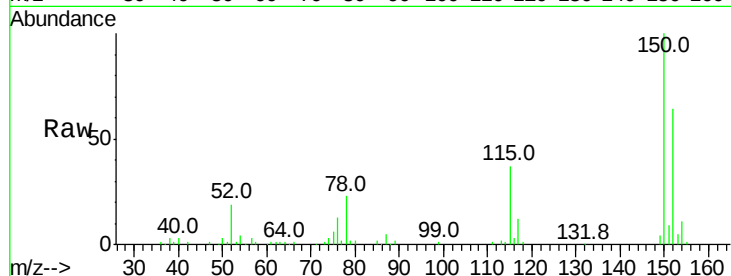


#1

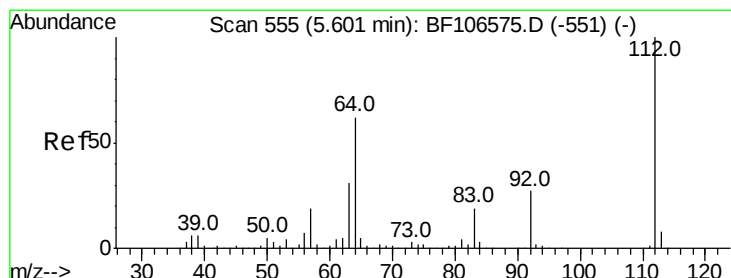
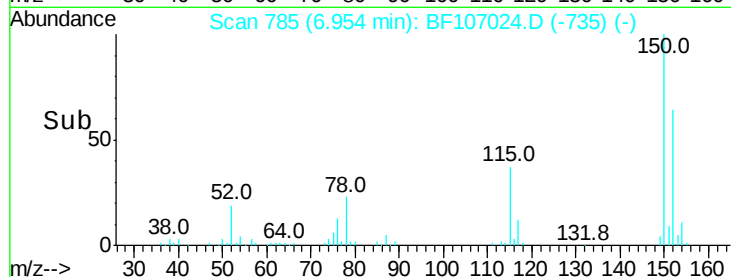
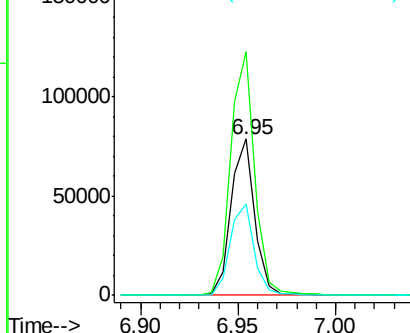
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107024.D
Acq: 30 Jun 2018 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66257
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.4 50.1 75.1



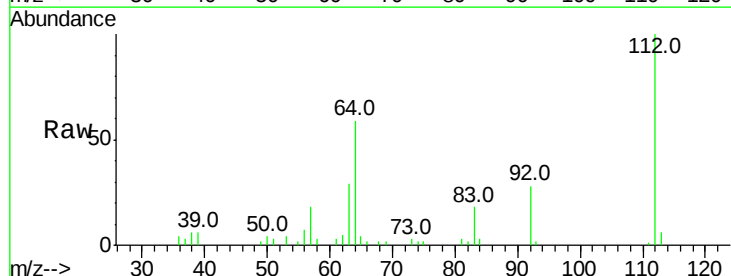
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



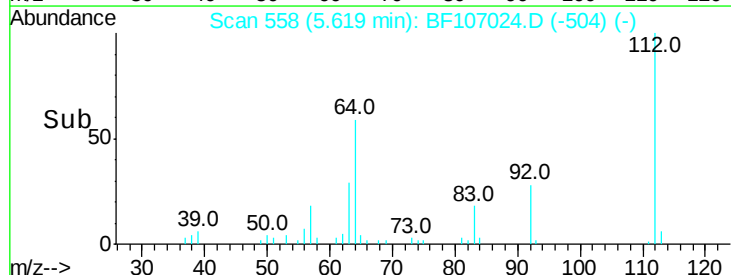
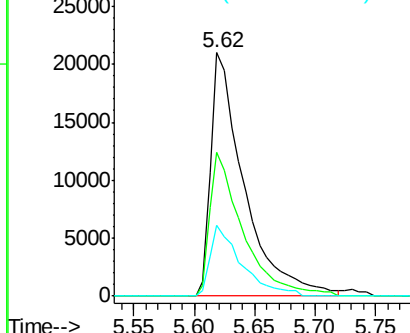
#5

2-Fluorophenol
Concen: 10.273 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107024.D
Acq: 30 Jun 2018 19:30

Tgt Ion:112 Resp: 40196
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.0 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: 9.319 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

Instrument :

BNA_F

ClientSampleId :

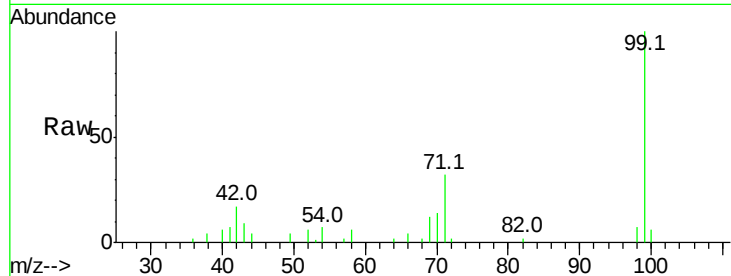
Tot Ion: 99 Resp: 45536

Ion Ratio Lower Upper

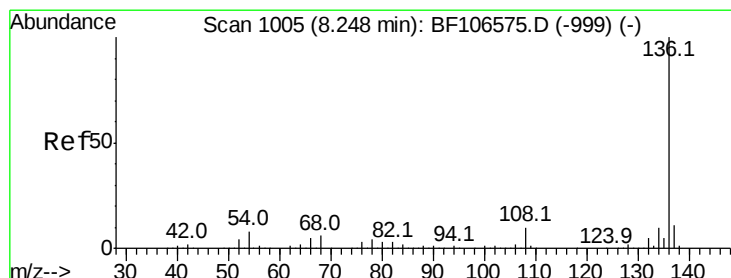
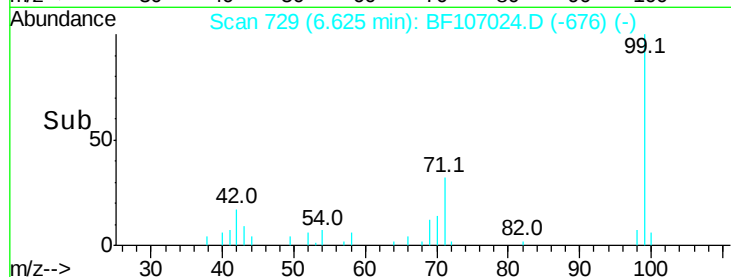
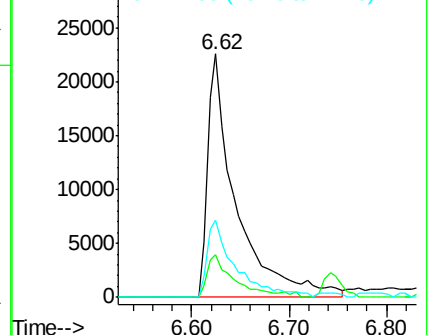
99 100

42 17.4 14.5 21.7

71 31.9 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: BF107024.D

Acq: 30 Jun 2018 19:30

Tgt Ion: 136 Resp: 242195

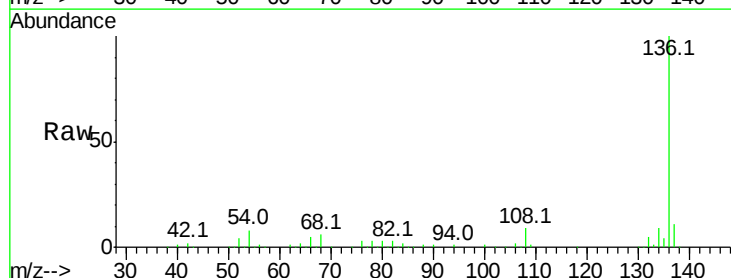
Ion Ratio Lower Upper

136 100

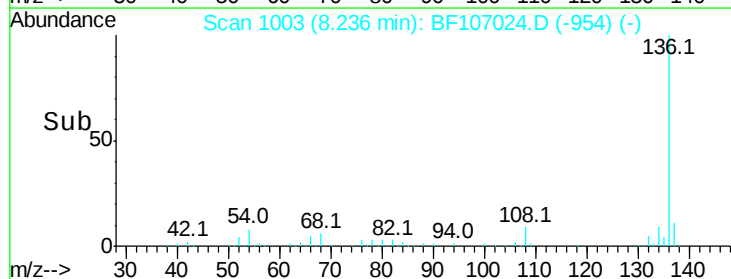
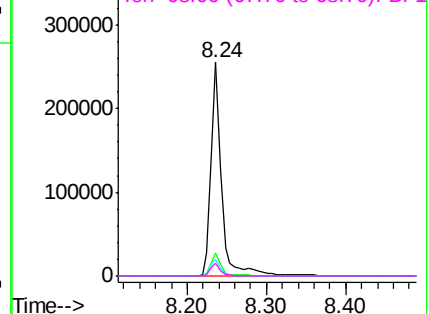
137 10.8 8.9 13.3

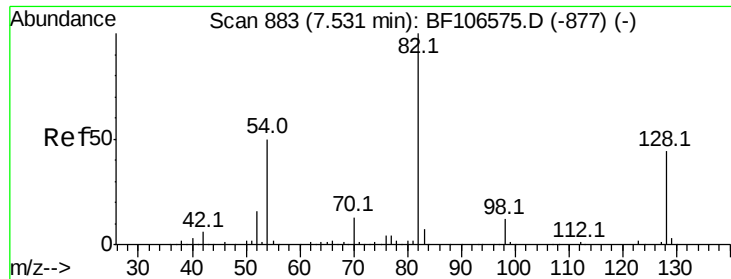
54 7.6 6.6 9.8

68 5.7 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: 5.860 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

Instrument :

BNA_F

ClientSampleId :

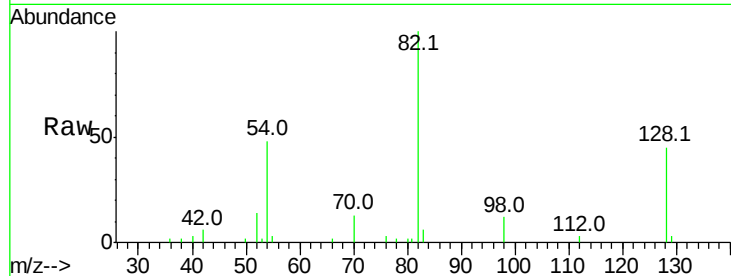
Tot Ion: 82 Resp: 25540

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

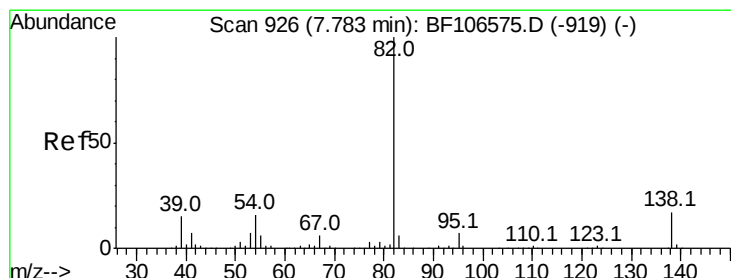
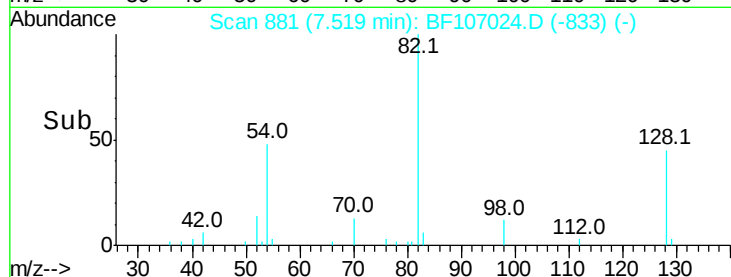
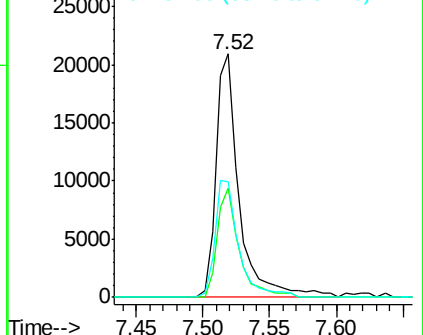
54 47.6 41.4 62.2



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: 3.326 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

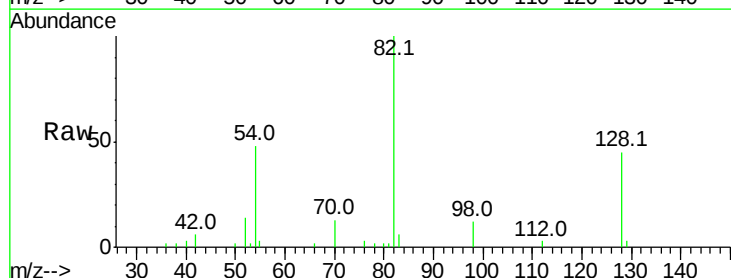
Tgt Ion: 82 Resp: 25540

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

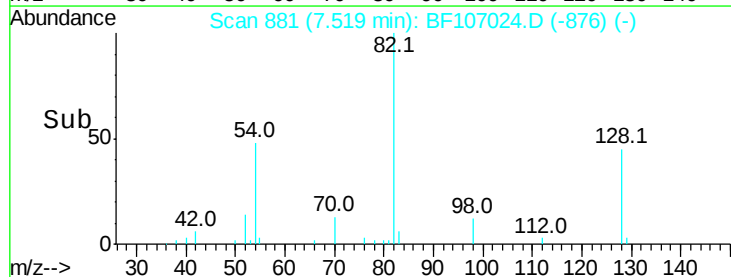
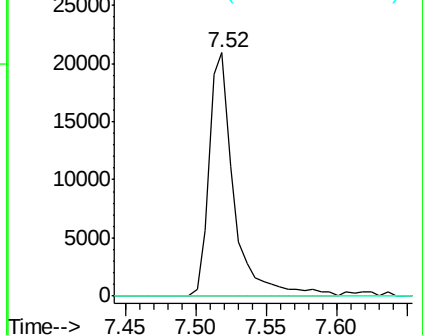
138 0.0 14.9 22.3#

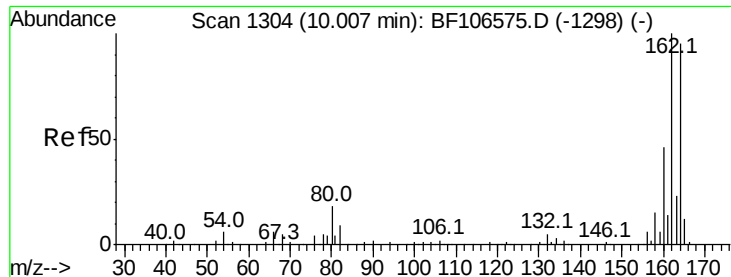


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

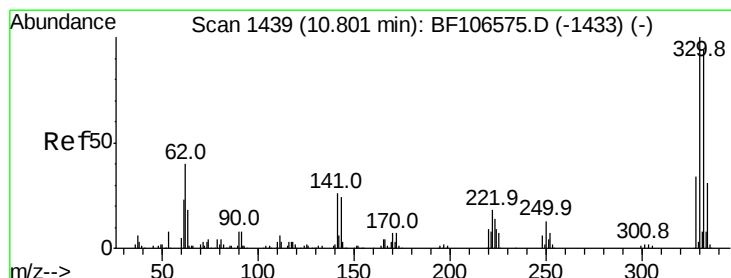
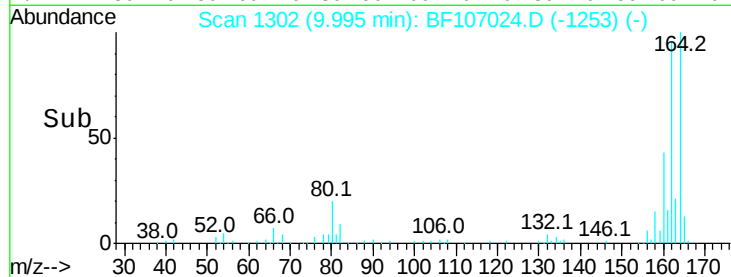
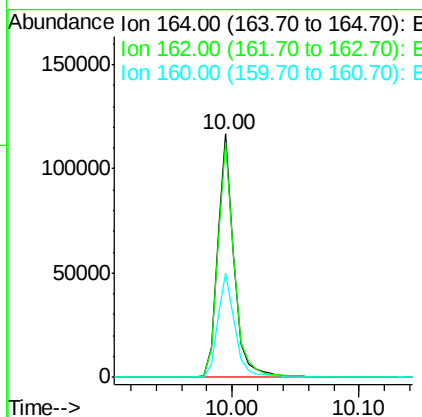
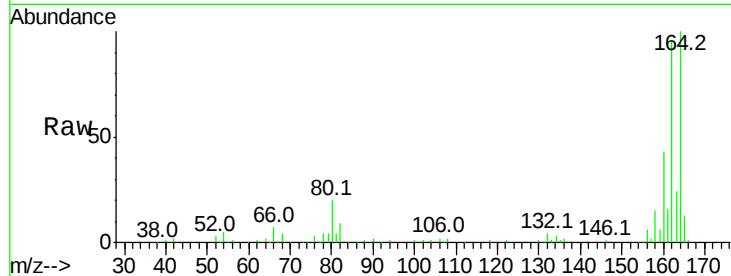




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107024.D
Acq: 30 Jun 2018 19:30

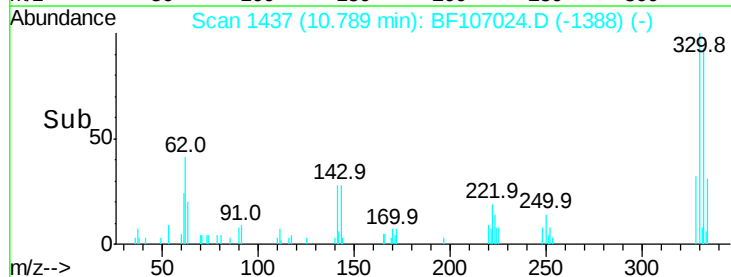
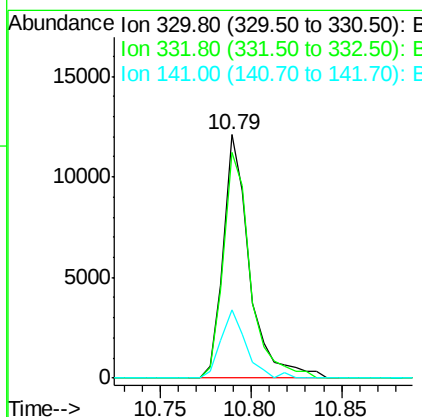
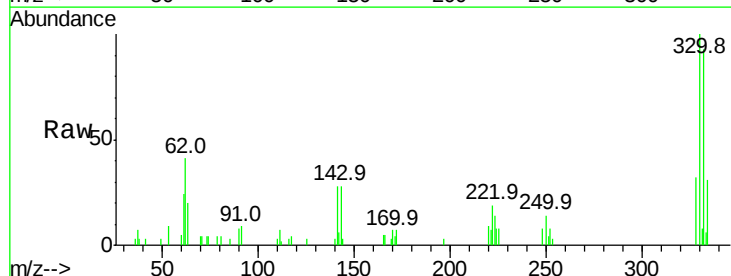
Instrument :
BNA_F
ClientSampleId :

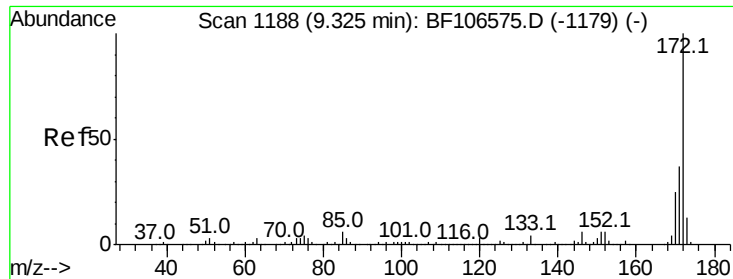
Tot Ion:164 Resp: 106072
Ion Ratio Lower Upper
164 100
162 96.4 86.1 129.1
160 42.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 9.972 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107024.D
Acq: 30 Jun 2018 19:30

Tgt Ion:330 Resp: 12259
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 26.7 29.9 44.9#

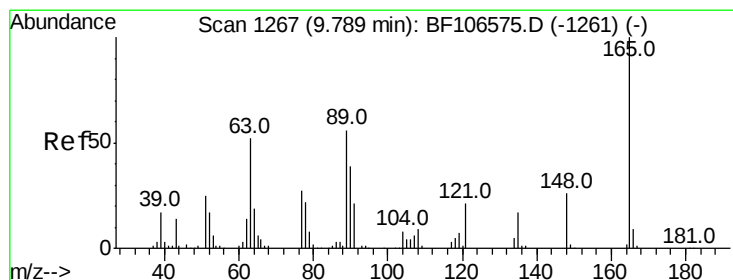
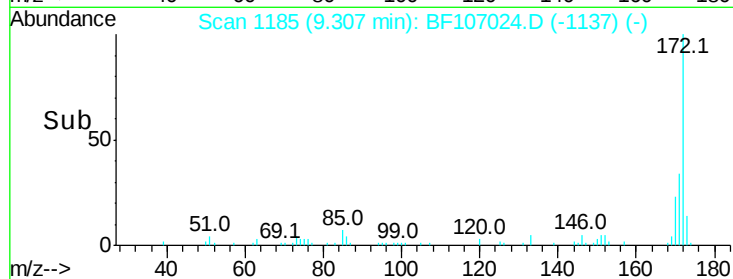
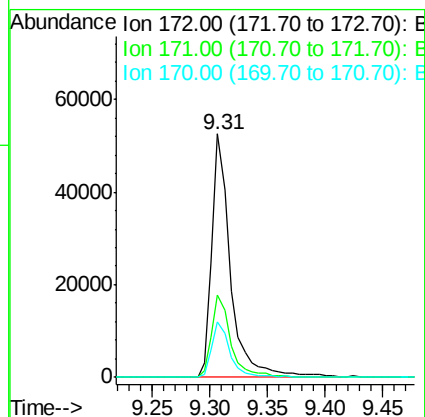
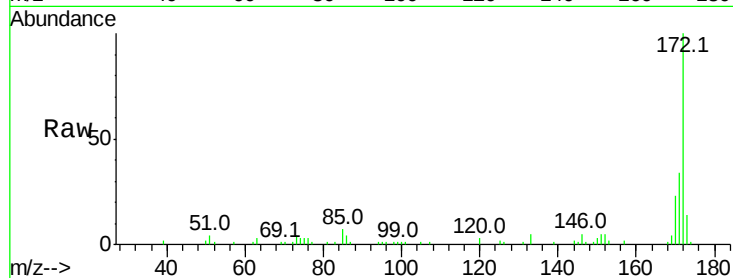




#44
 2-Fluorobiphenyl
 Concen: -6.368 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107024.D
 Acq: 30 Jun 2018 19:30

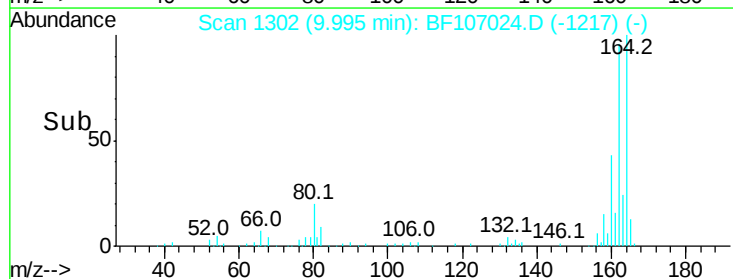
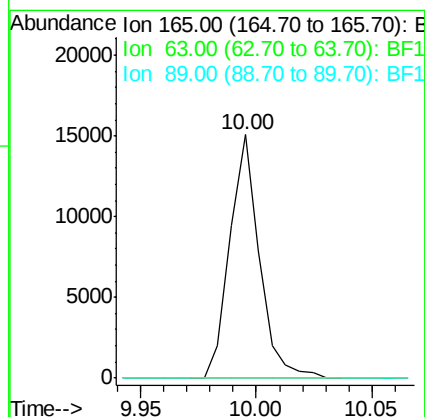
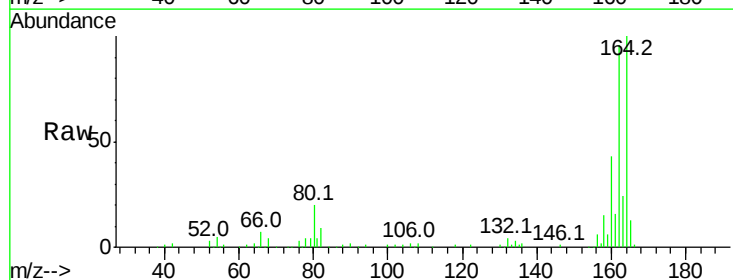
Instrument :
 BNA_F
 ClientSampleId :

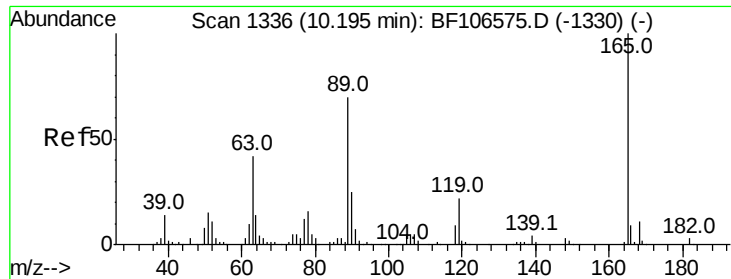
Tot Ion:172 Resp: 59462
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.7 44.5
 170 22.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.969 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107024.D
 Acq: 30 Jun 2018 19:30

Tgt Ion:165 Resp: 13424
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

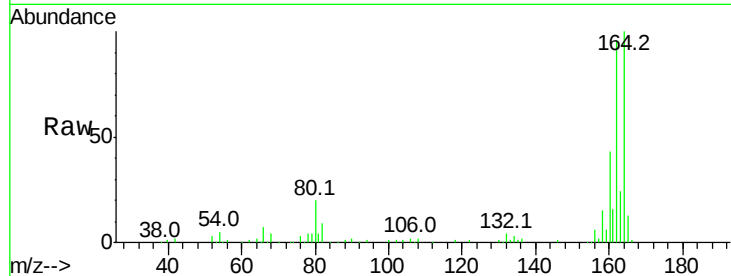




#56
2,4-Dinitrotoluene
Concen: 6.105 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107024.D
Acq: 30 Jun 2018 19:30

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#

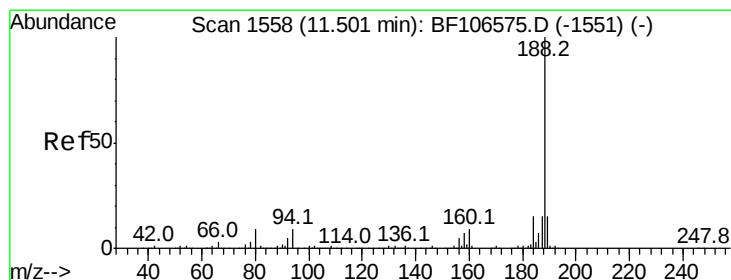
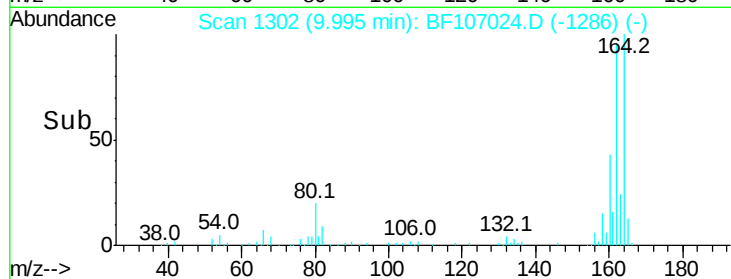
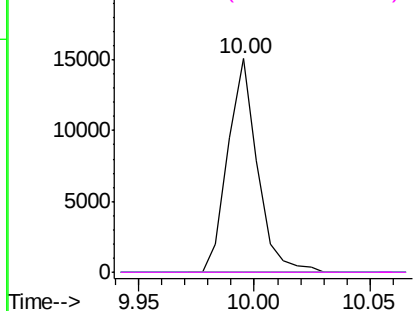


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

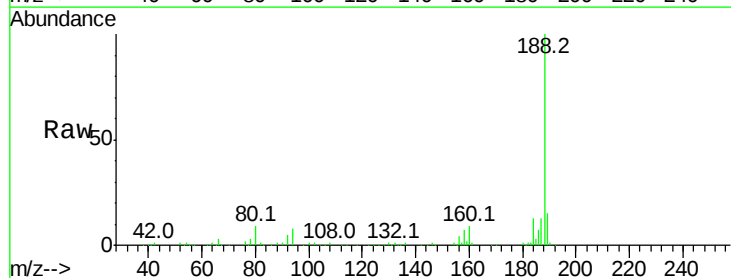
Ion 89.00 (88.70 to 89.70): BF1

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: BF107024.D
Acq: 30 Jun 2018 19:30

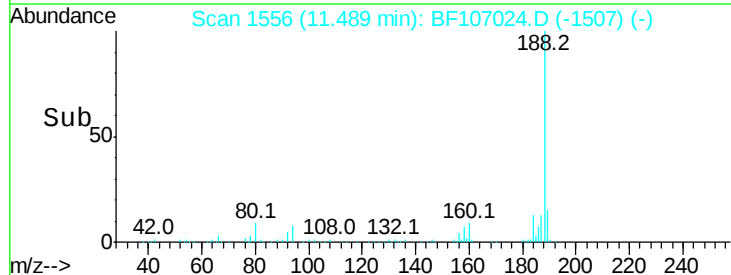
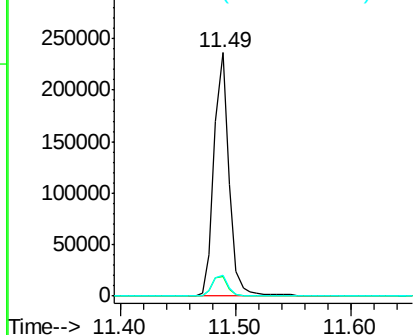
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.7	9.2	13.8#

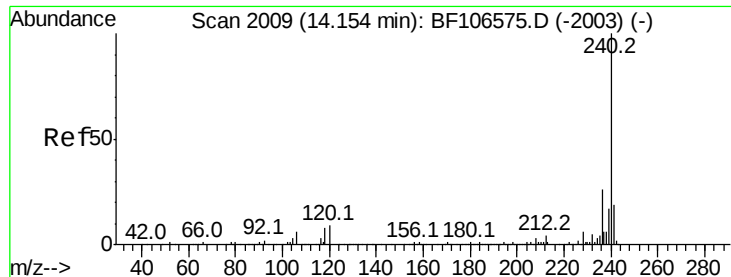


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

Instrument :

BNA_F

ClientSampleId :

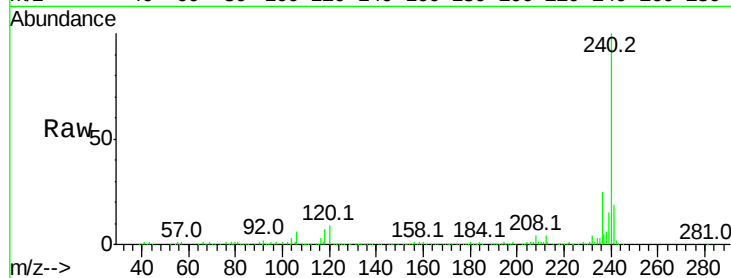
Tot Ion:240 Resp: 200683

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

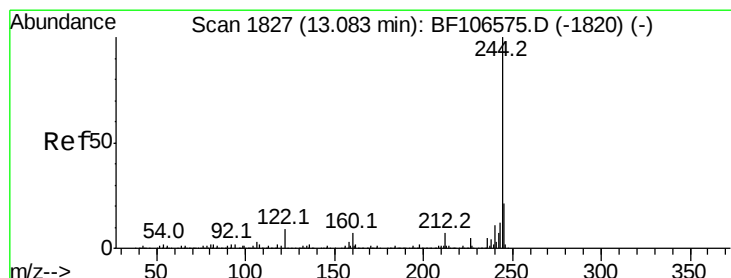
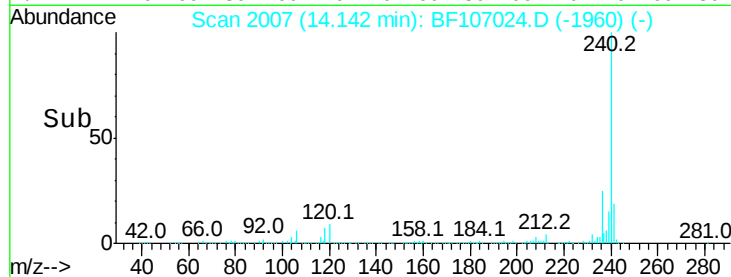
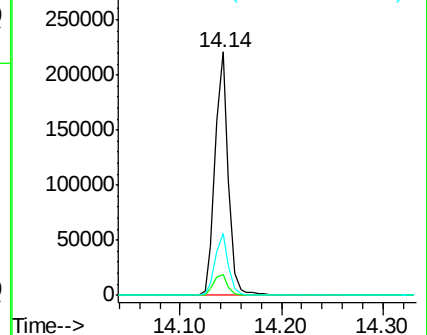
236 25.4 20.7 31.1



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: 9.537 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

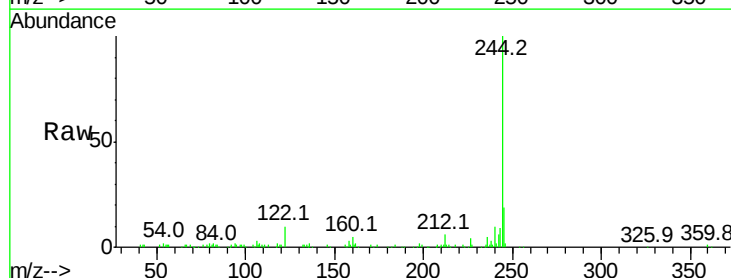
Tgt Ion:244 Resp: 79016

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

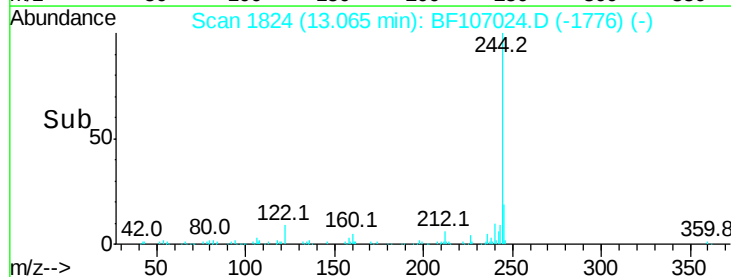
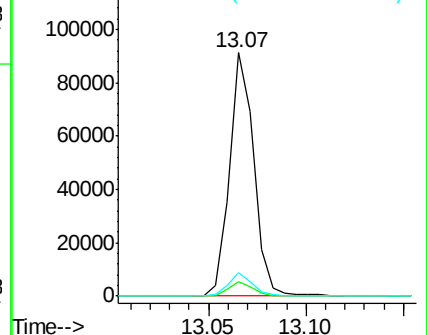
122 9.6 11.0 16.4#

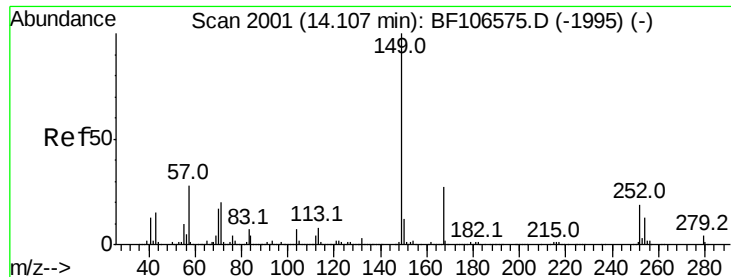


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.885 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

Instrument :

BNA_F

ClientSampleId :

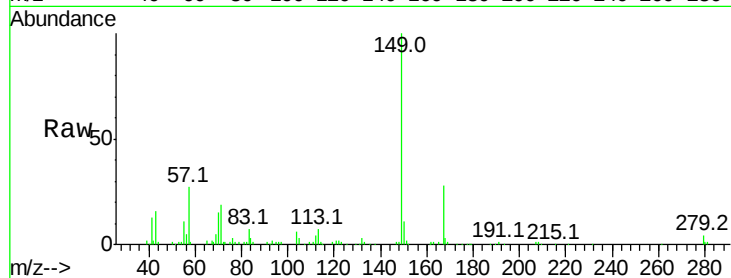
Tot Ion:149 Resp: 82671

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

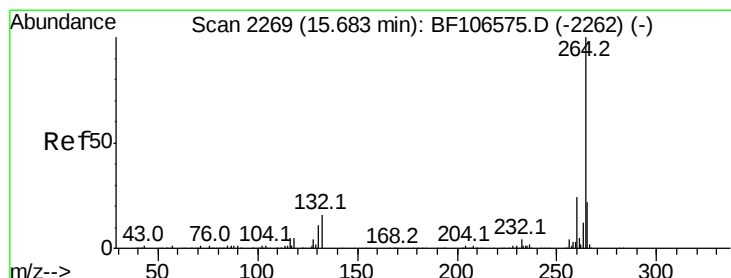
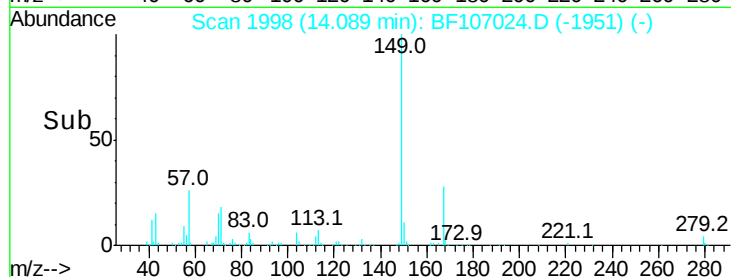
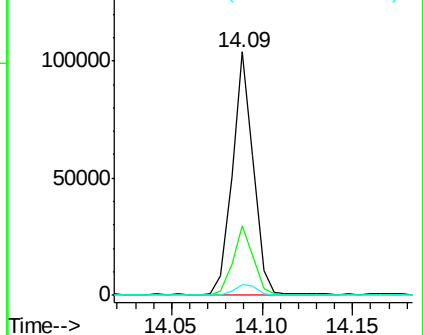
279 4.1 3.0 4.4



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: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107024.D

Acq: 30 Jun 2018 19:30

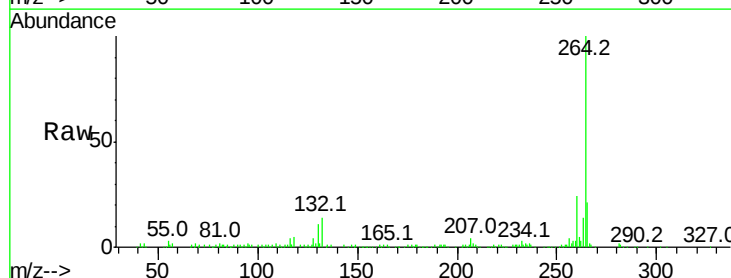
Tgt Ion:264 Resp: 135039

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.4 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

