

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107095.D
 Acq On : 3 Jul 2018 21:13
 Operator : JU/SJ
 Sample : J3840-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 22:49:16 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

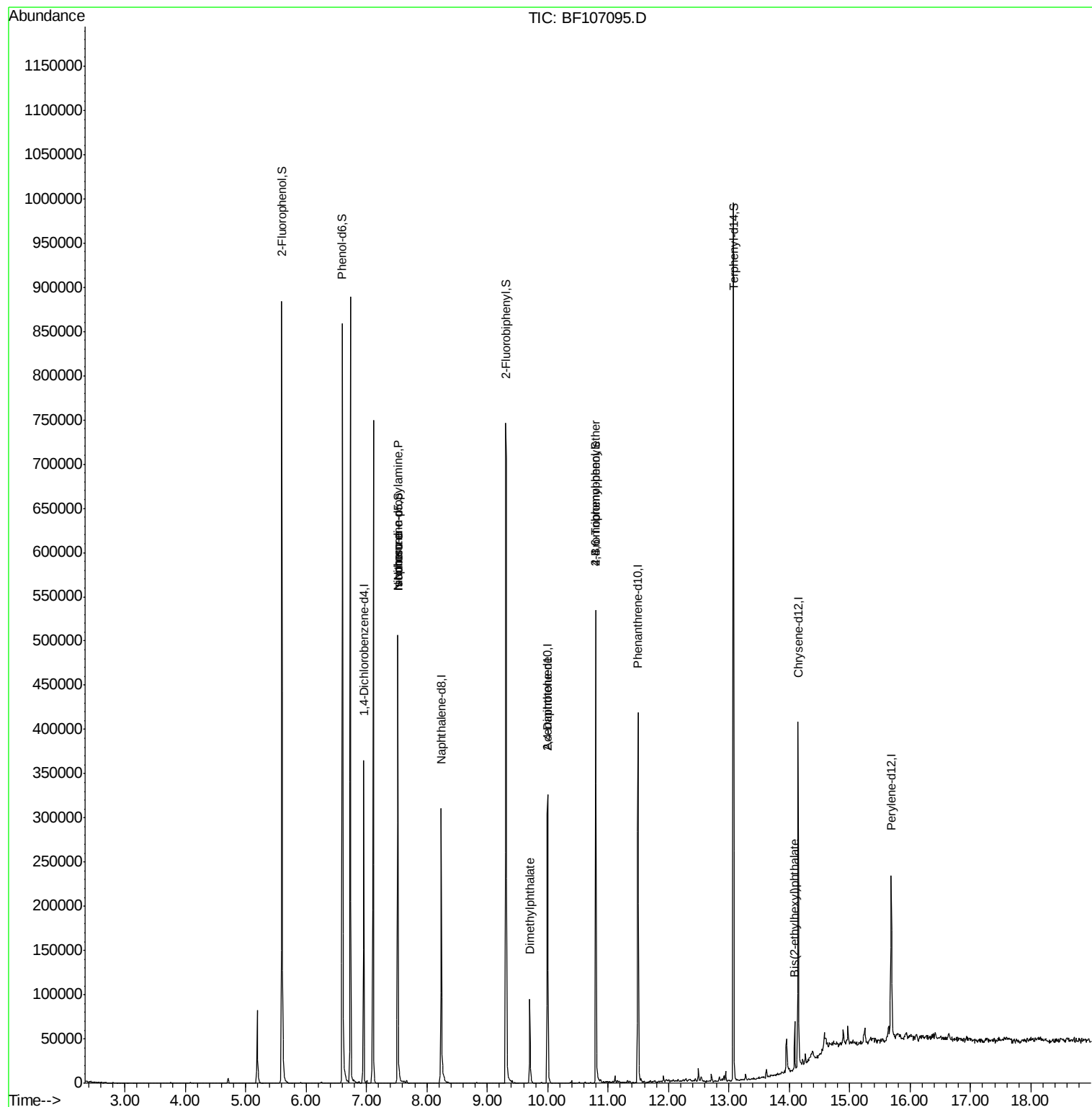
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	50370	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	172368	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	74722	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	164195	20.00	ng	0.00
75) Chrysene-d12	14.15	240	140824	20.00	ng	-0.02
86) Perylene-d12	15.69	264	103608	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259308	87.17	ng	0.00
7) Phenol-d6	6.60	99	307268	82.72	ng	-0.01
23) Nitrobenzene-d5	7.52	82	165037	53.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	81721	94.36	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	284669	60.18	ng	-0.01
78) Terphenyl-d14	13.08	244	375518	64.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	21006	8.579	ng	# 72
25) Isophorone	7.52	82	165034	30.196	ng	# 64
49) Dimethylphthalate	9.71	163	51318	9.157	ng	# 97
56) 2,4-Dinitrotoluene	10.00	165	9544	6.161	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4856	2.478	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	14460	2.962	ng	# 99

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

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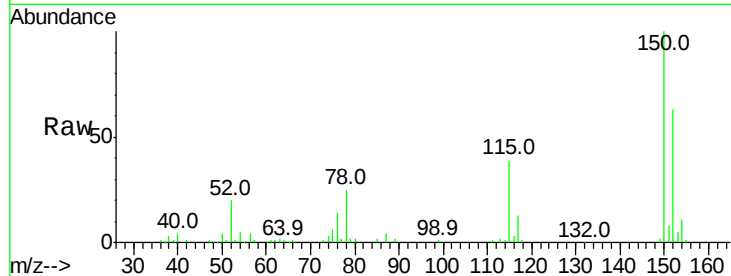


#1

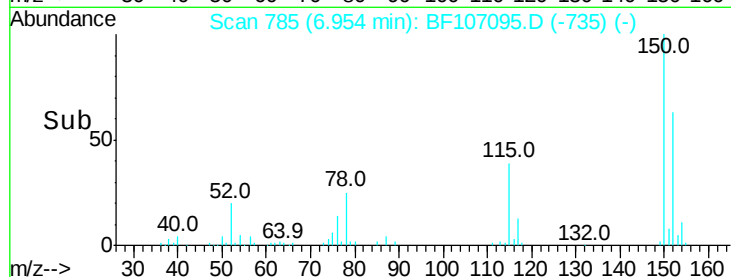
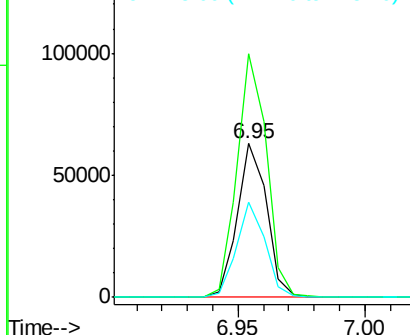
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107095.D
Acq: 3 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50370
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.1 50.1 75.1



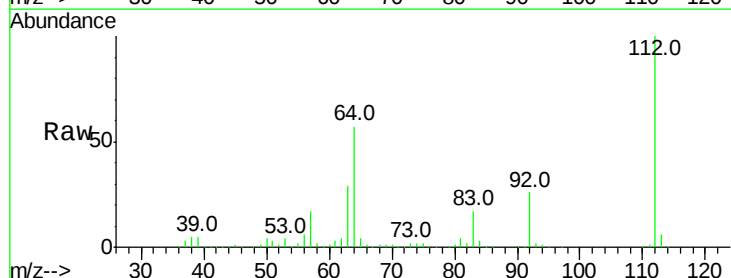
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



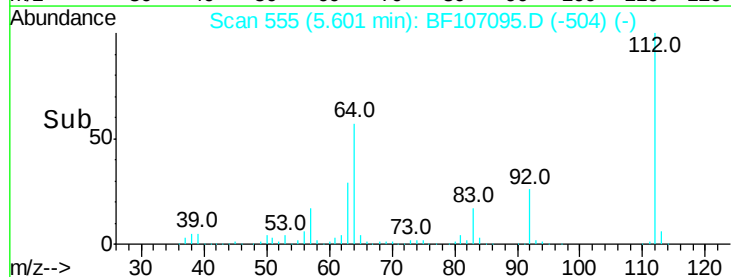
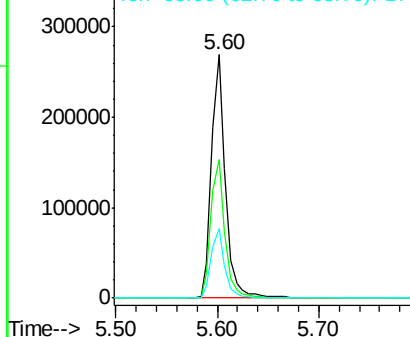
#5

2-Fluorophenol
Concen: 87.173 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107095.D
Acq: 3 Jul 2018 21:13

Tgt Ion:112 Resp: 259308
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.7 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: 82.716 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

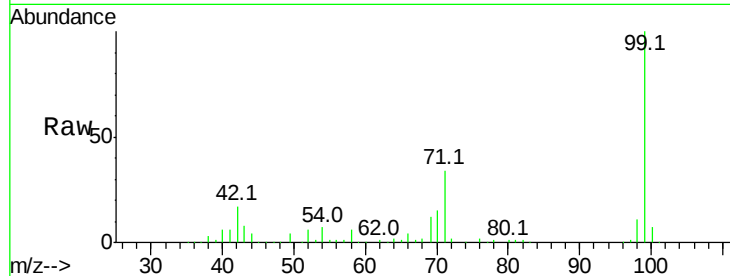
Tot Ion: 99 Resp: 307268

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

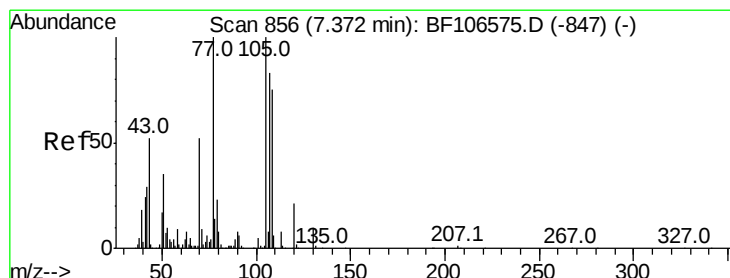
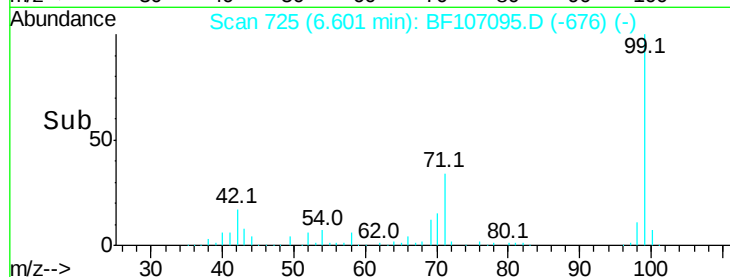
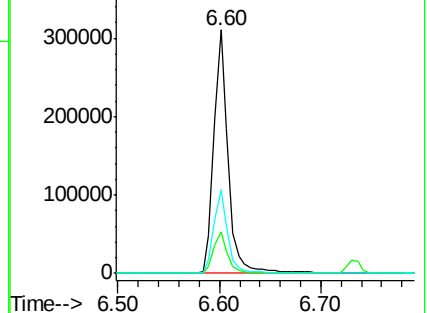
71 34.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.579 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Tgt Ion: 70 Resp: 21006

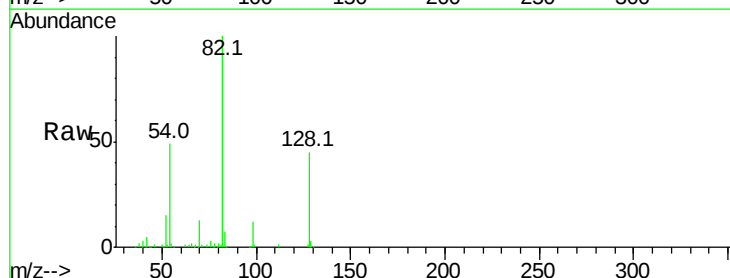
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

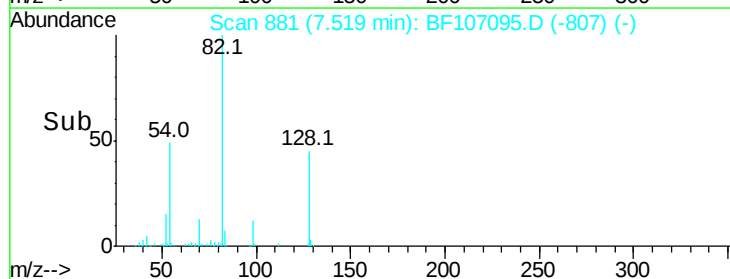
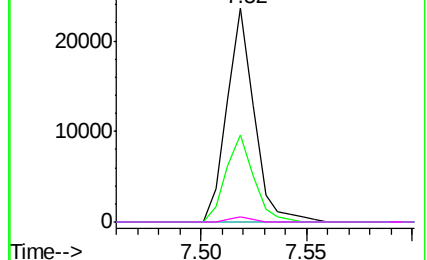


Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 172368

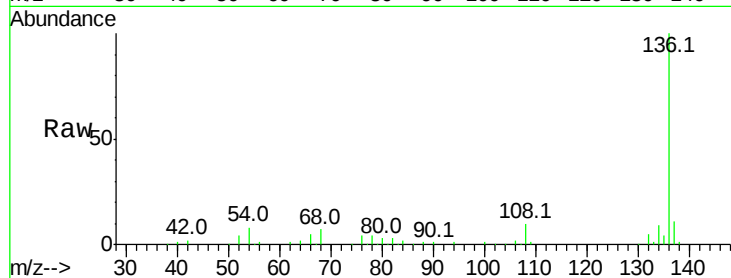
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 6.6 5.0 7.4

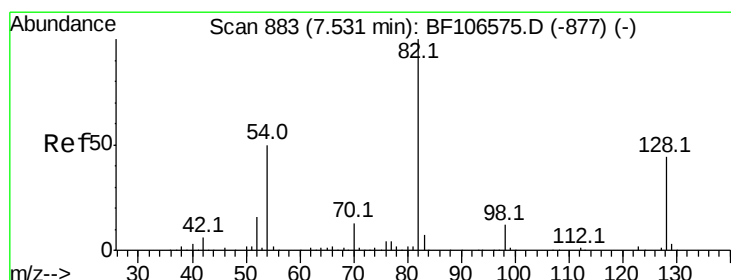
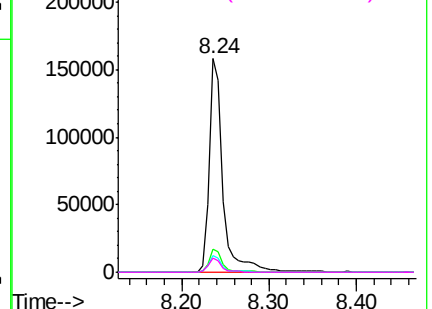
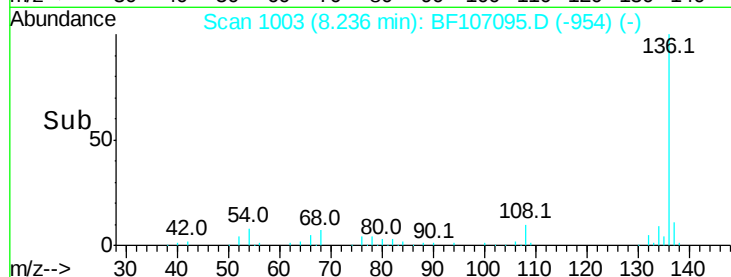


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.210 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

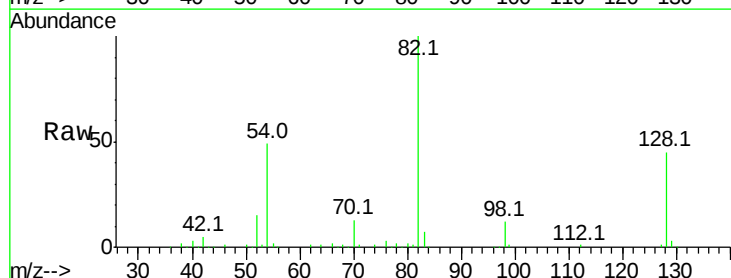
Tgt Ion: 82 Resp: 165037

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

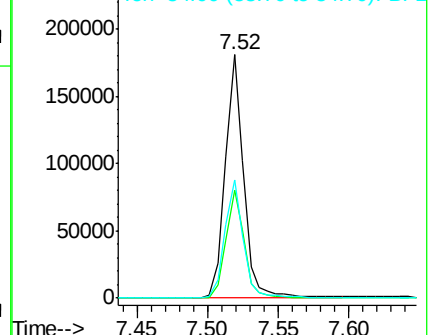
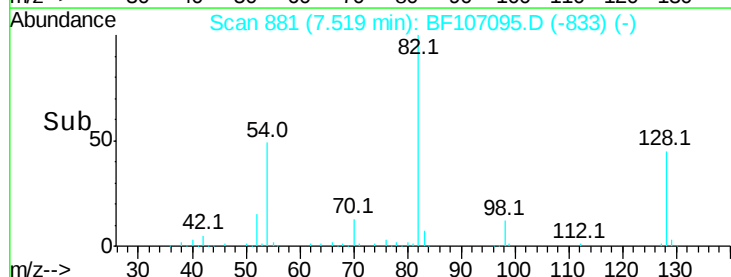
54 48.8 41.4 62.2

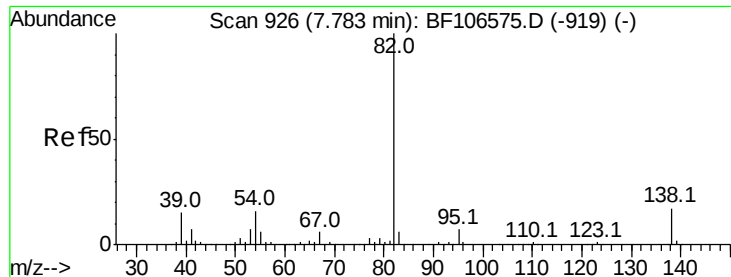


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

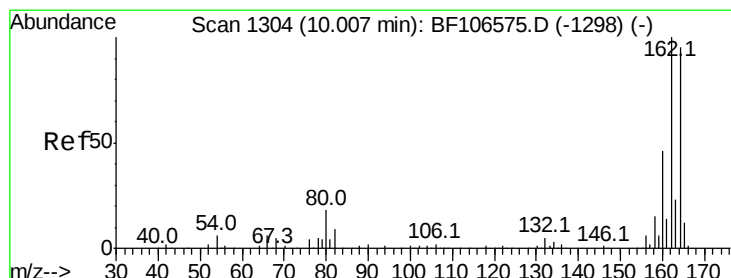
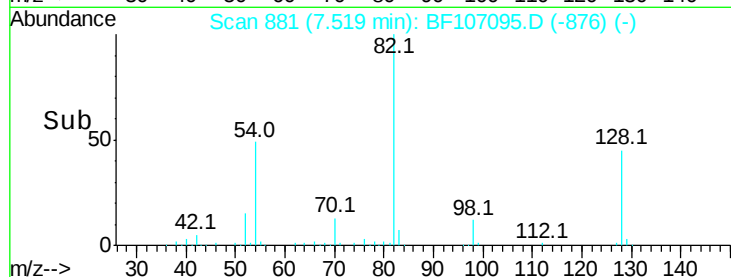
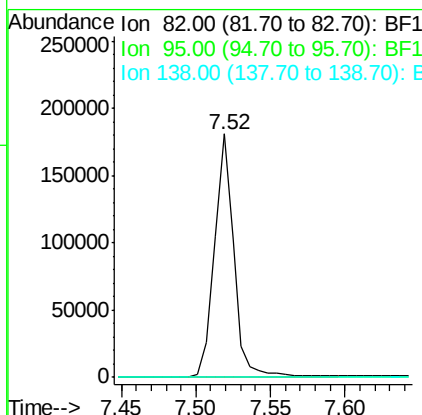
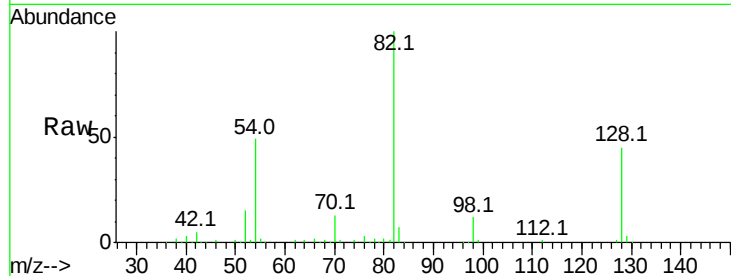




#25
Isophorone
Concen: 30.196 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107095.D
Acq: 3 Jul 2018 21:13

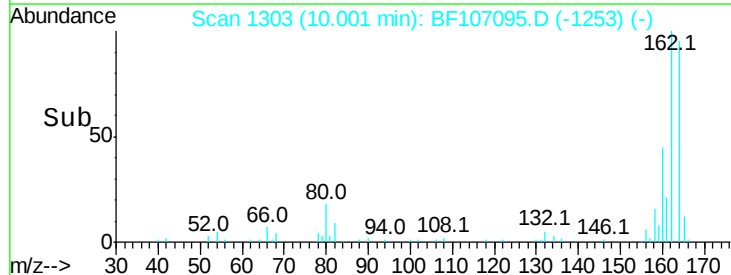
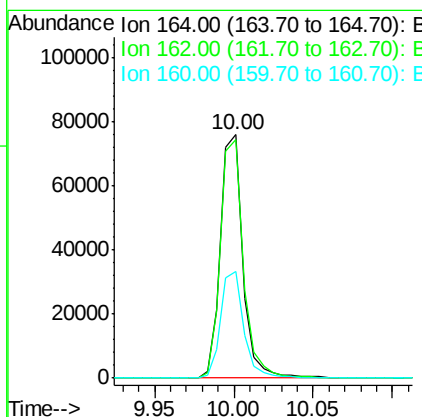
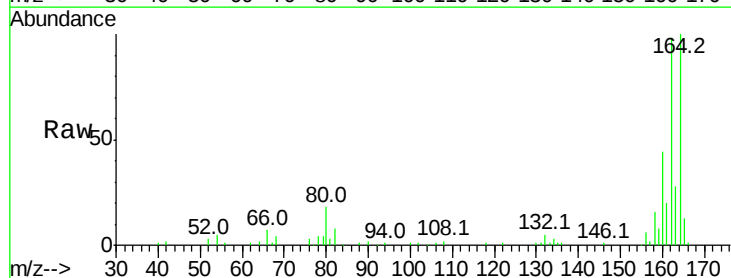
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 165034
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# 1303
Delta R.T. -0.01 min
Lab File: BF107095.D
Acq: 3 Jul 2018 21:13

Tgt Ion:164 Resp: 74722
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 43.9 38.3 57.5

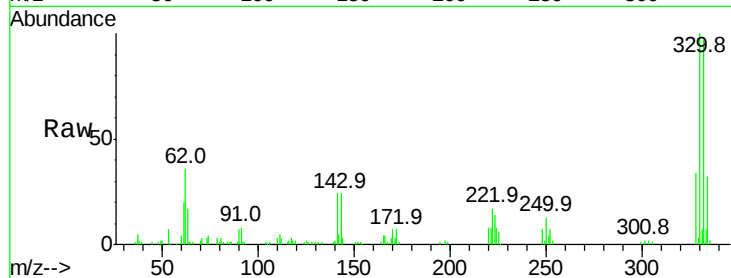




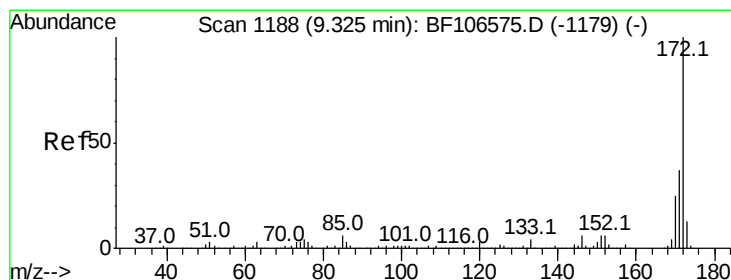
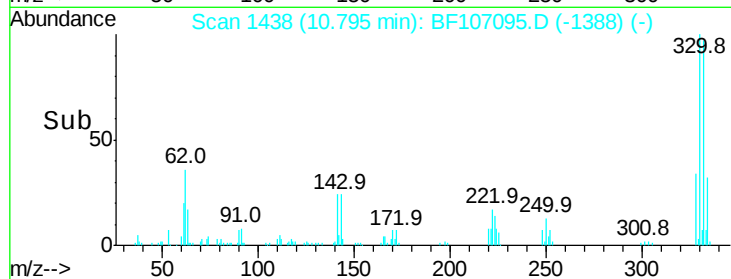
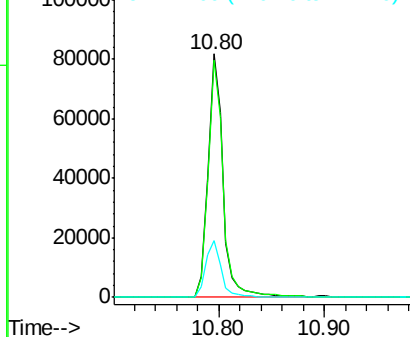
#41
 2,4,6-Tribromophenol
 Concen: 94.361 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107095.D
 Acq: 3 Jul 2018 21:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 81721
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 23.6 29.9 44.9#

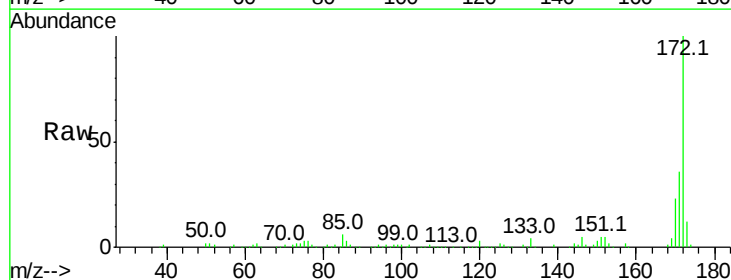


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

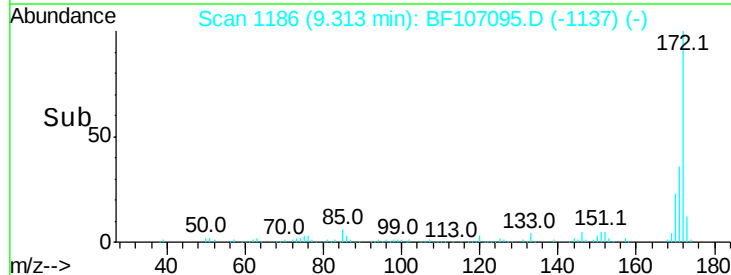
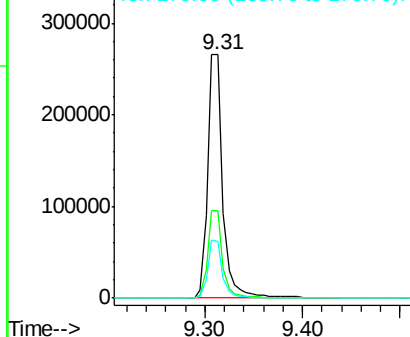


#44
 2-Fluorobiphenyl
 Concen: 60.176 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107095.D
 Acq: 3 Jul 2018 21:13

Tgt Ion:172 Resp: 284669
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 9.157 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

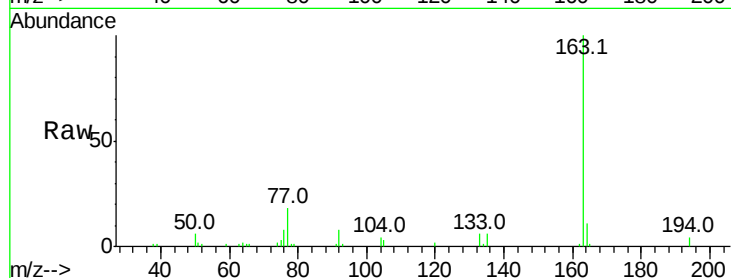
Tot Ion:163 Resp: 51318

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

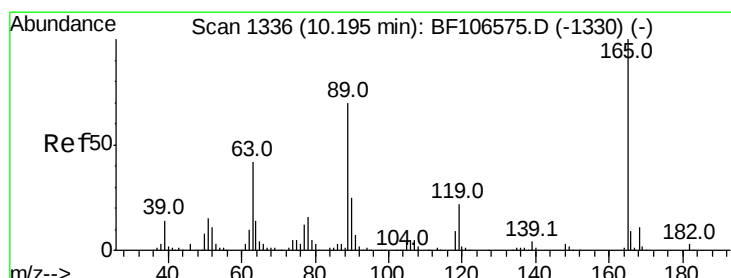
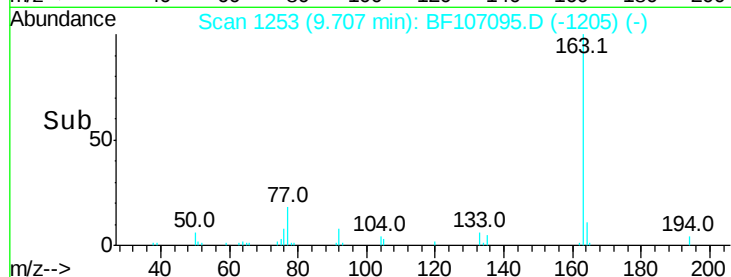
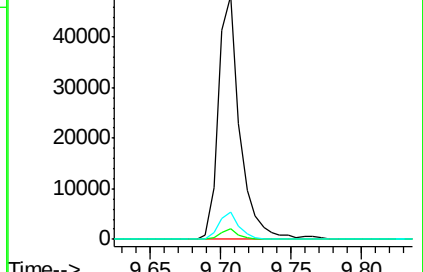
164 11.1 8.2 12.2



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: 6.161 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Tgt Ion:165 Resp: 9544

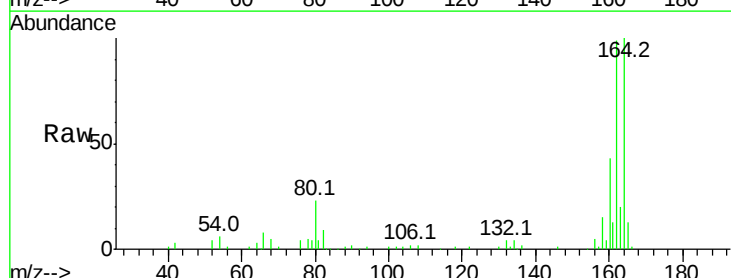
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

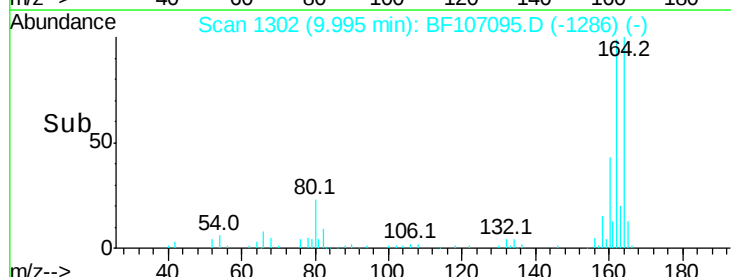
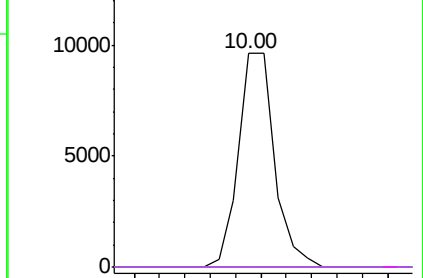


Abundance Ion 165.00 (164.70 to 165.70): E

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

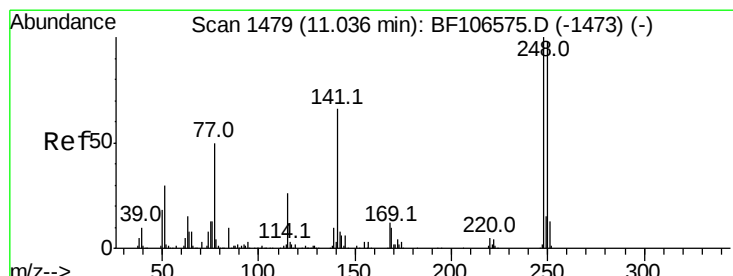
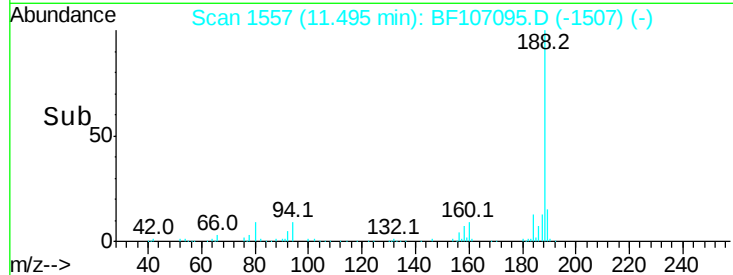
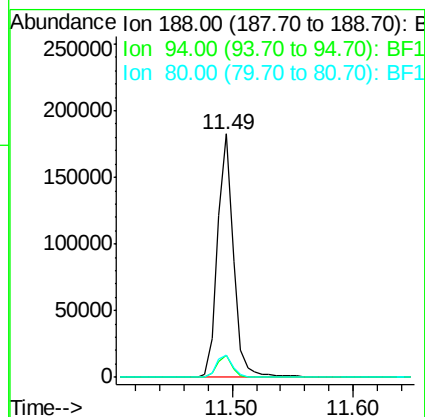
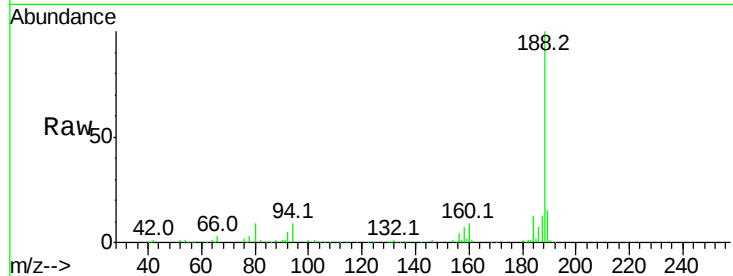




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107095.D
 Acq: 3 Jul 2018 21:13

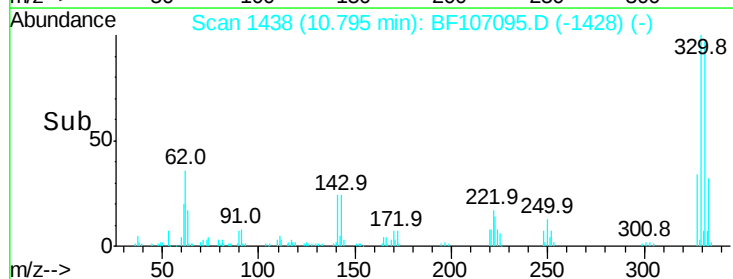
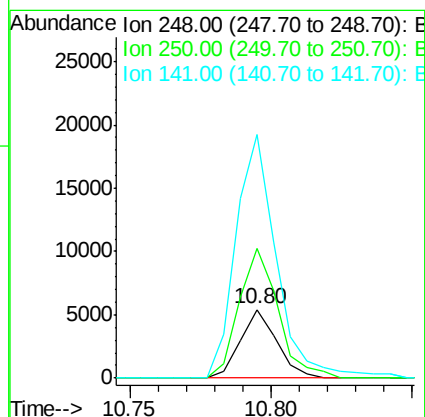
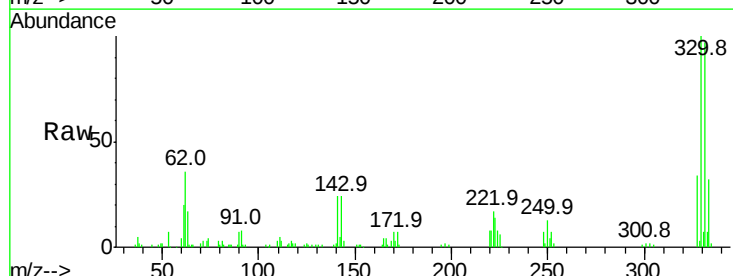
Instrument :
 BNA_F
 ClientSampled :

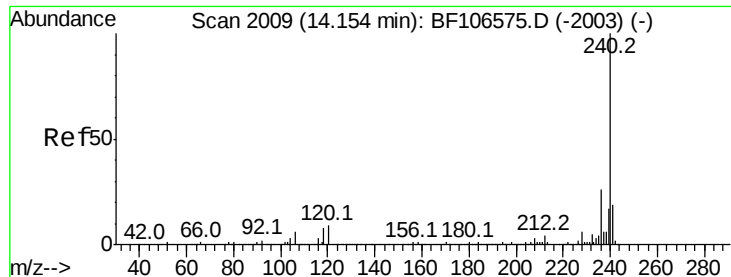
Tot Ion:188 Resp: 164195
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.478 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107095.D
 Acq: 3 Jul 2018 21:13

Tgt Ion:248 Resp: 4856
 Ion Ratio Lower Upper
 248 100
 250 190.7 76.9 115.3#
 141 356.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

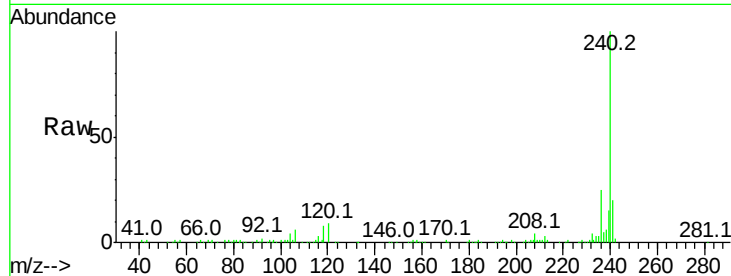
Tot Ion:240 Resp: 140824

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

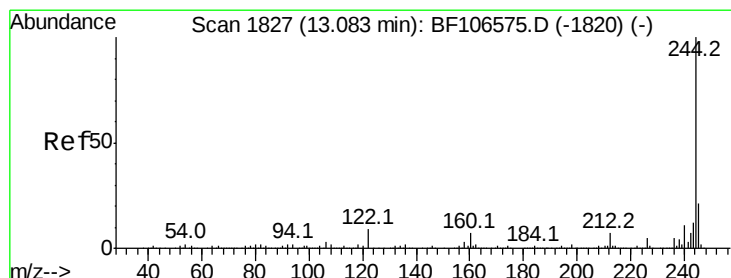
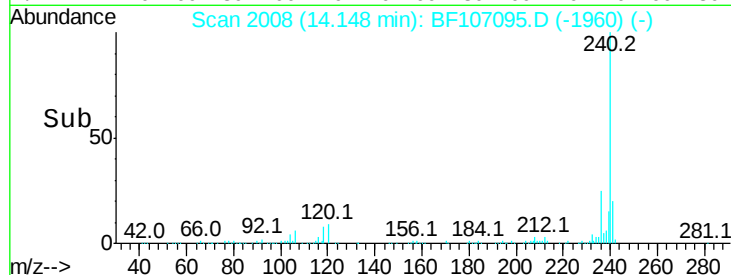
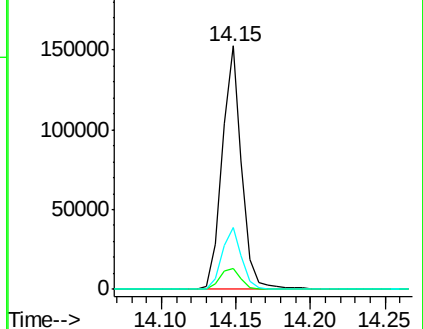
236 25.2 20.7 31.1



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: 64.592 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

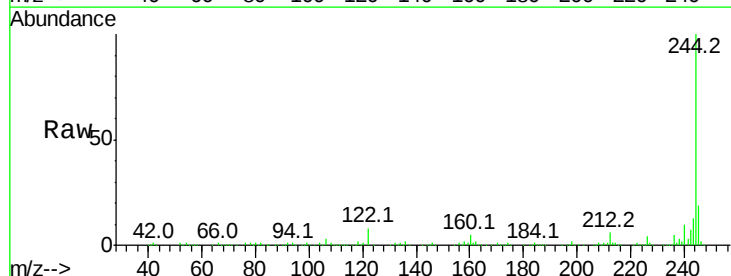
Tgt Ion:244 Resp: 375518

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

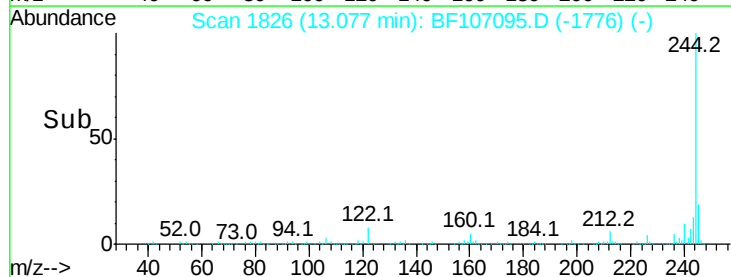
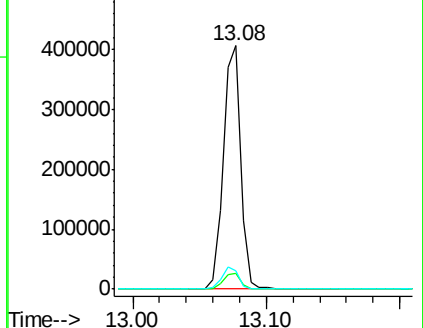
122 7.8 11.0 16.4#

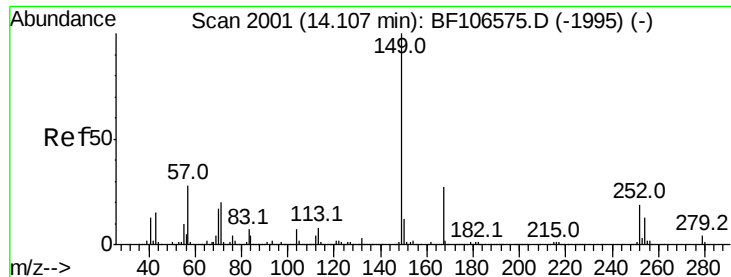


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.962 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107095.D

Acq: 3 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

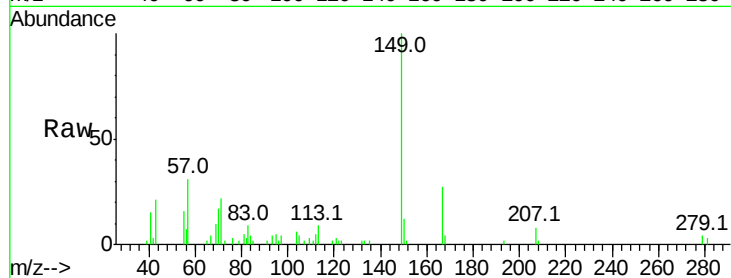
Tot Ion:149 Resp: 14460

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

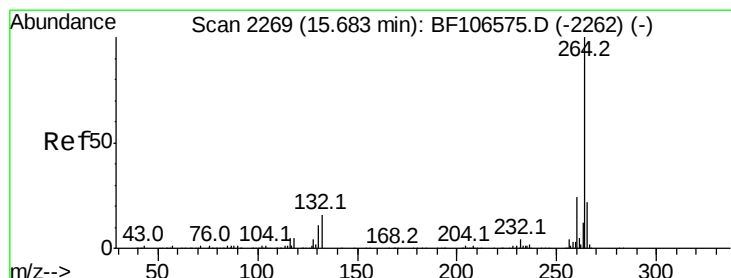
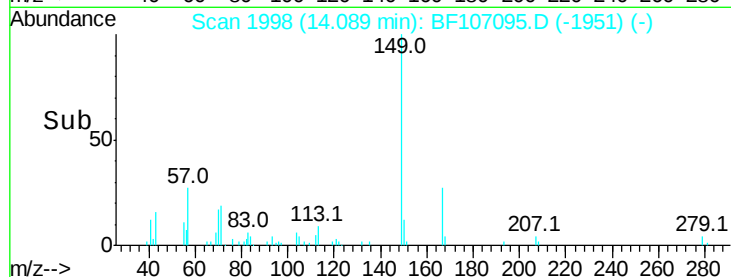
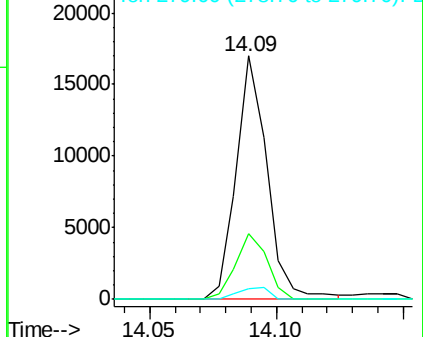
279 4.5 3.0 4.4#



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: BF107095.D

Acq: 3 Jul 2018 21:13

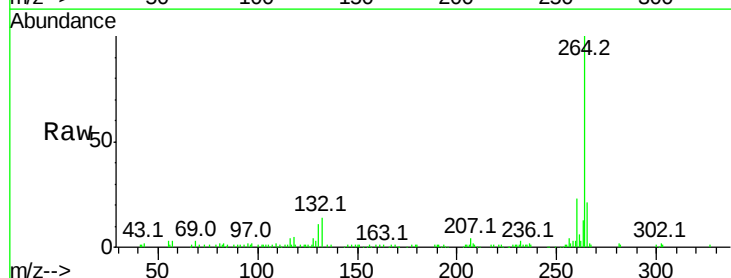
Tgt Ion:264 Resp: 103608

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.7 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

