

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106847.D
 Acq On : 27 Jun 2018 2:55
 Operator : JU/SJ
 Sample : PB110563BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BL

Quant Time: Jun 27 04:41:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

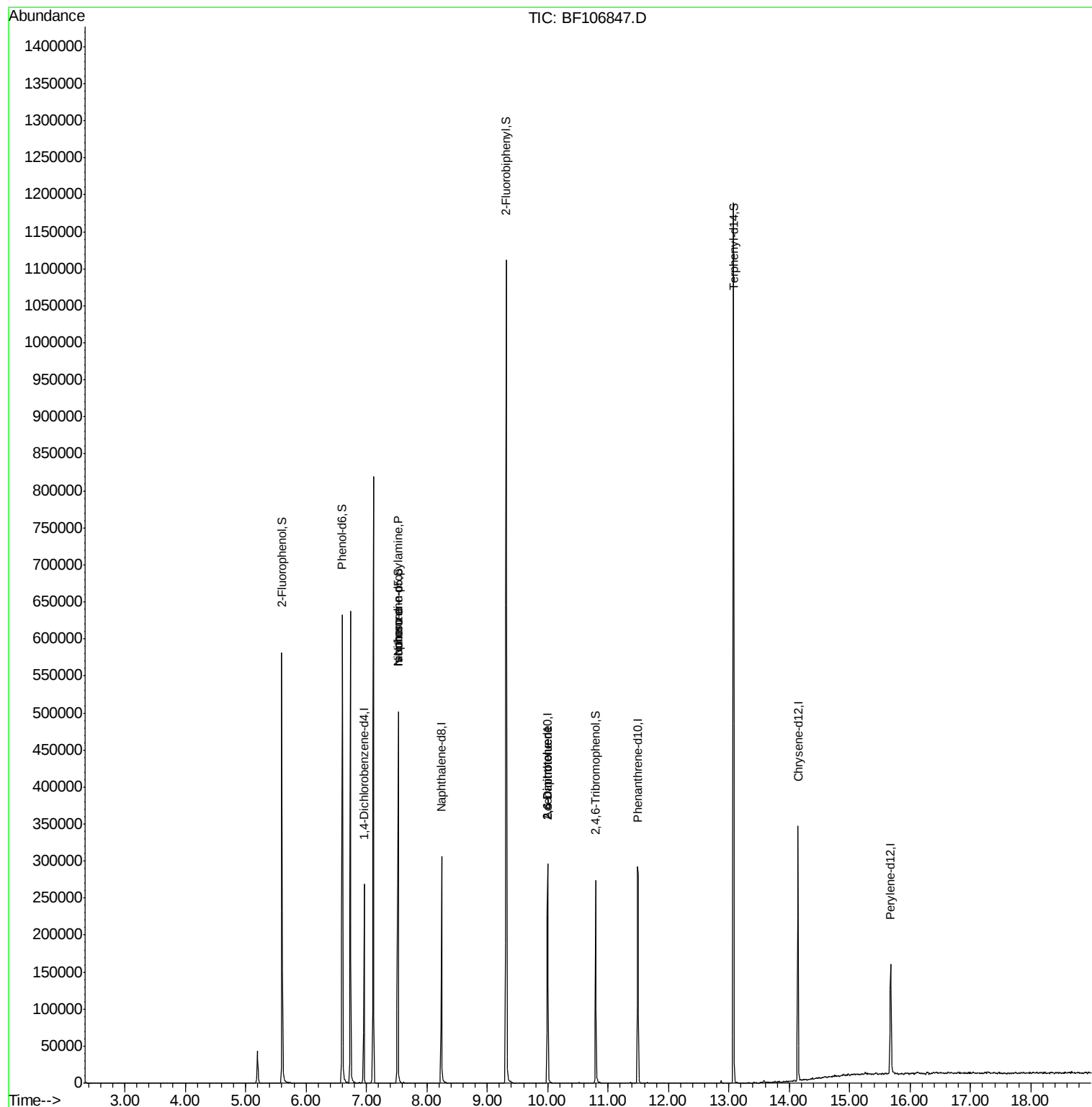
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41012	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	149560	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67620	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	129734	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126817	20.00	ng	-0.02
86) Perylene-d12	15.68	264	84041	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	176195	72.75	ng	0.00
7) Phenol-d6	6.60	99	215239	71.16	ng	-0.01
23) Nitrobenzene-d5	7.52	82	191254	71.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	45295	57.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	384963	98.75	ng	-0.01
78) Terphenyl-d14	13.08	244	445444	85.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	24550	12.314	ng	# 70
25) Isophorone	7.52	82	188700	39.791	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8383	7.806	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8383	5.980	ng	# 21

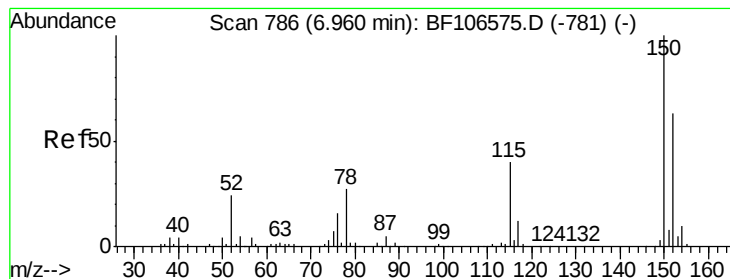
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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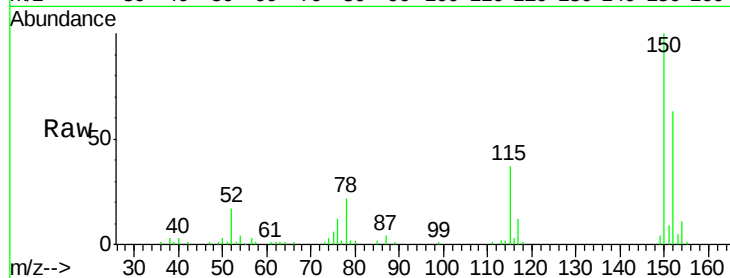


#1

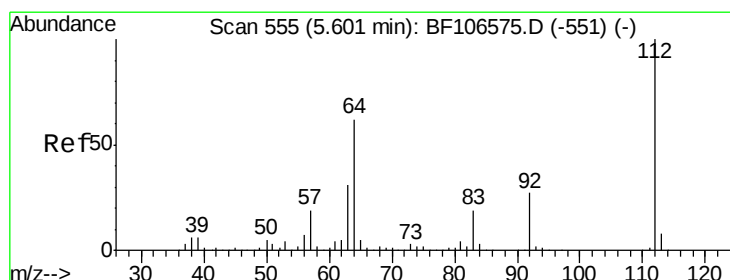
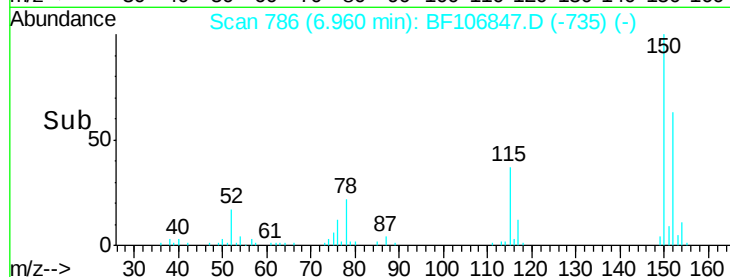
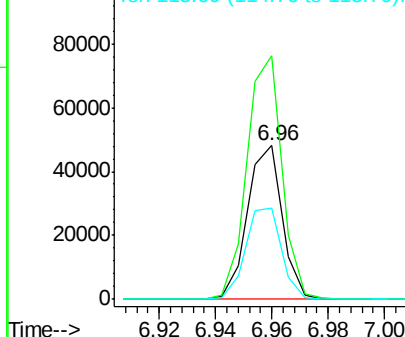
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BL

Tgt Ion:152 Resp: 41012
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 59.3 50.1 75.1



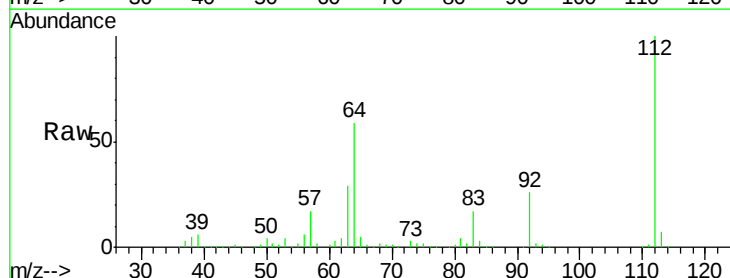
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



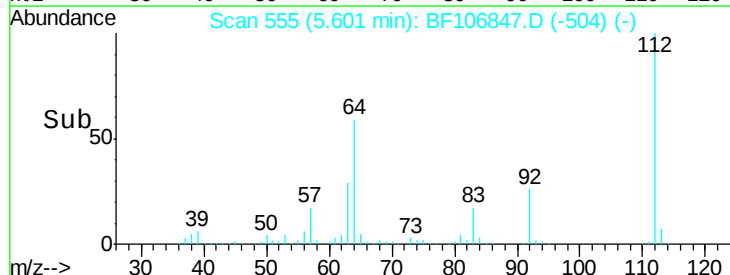
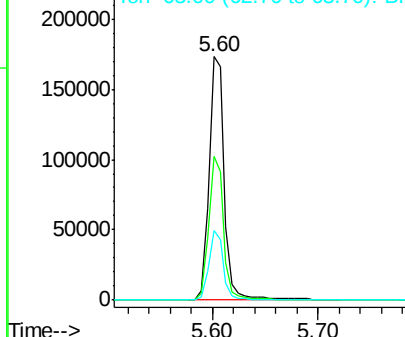
#5

2-Fluorophenol
 Concen: 72.748 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Tgt Ion:112 Resp: 176195
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 28.8 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: 71.163 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

PB110563BL

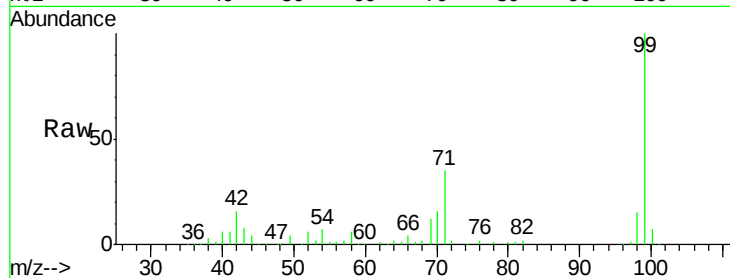
Tgt Ion: 99 Resp: 215239

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

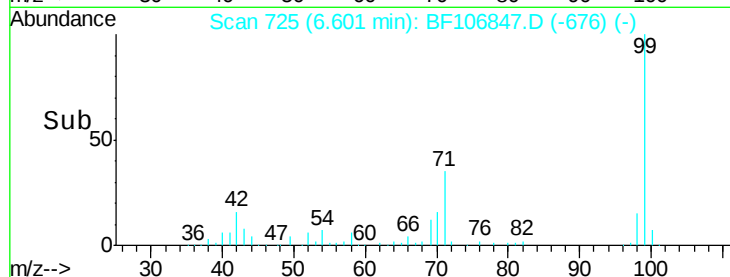
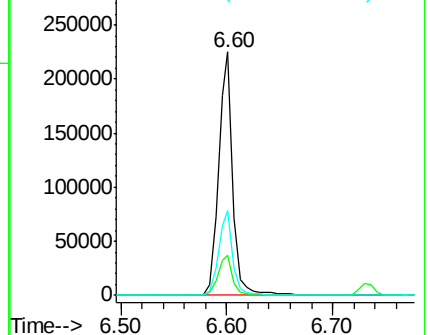
71 34.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.314 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Tgt Ion: 70 Resp: 24550

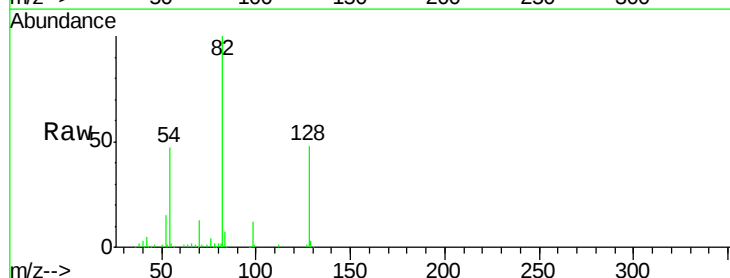
Ion Ratio Lower Upper

70 100

42 39.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

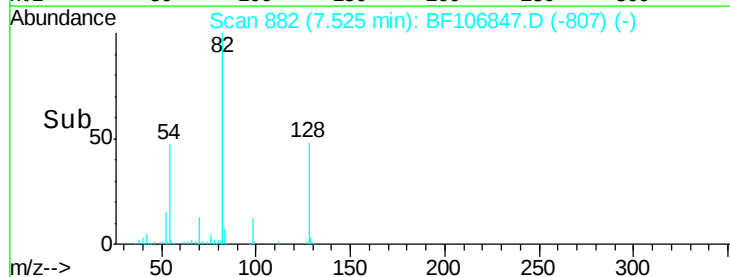
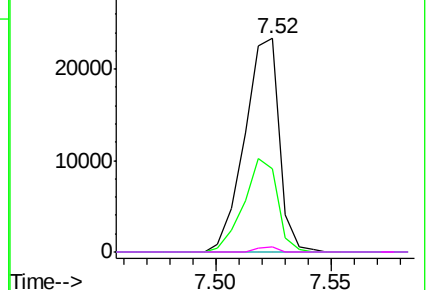


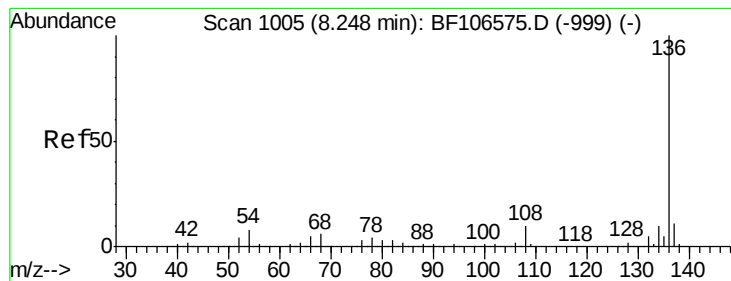
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1004

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

PB110563BL

Tgt Ion: 136 Resp: 149560

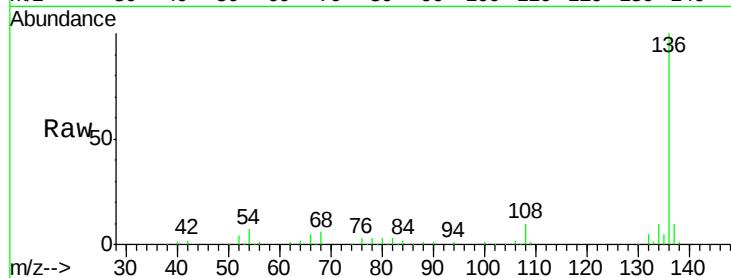
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

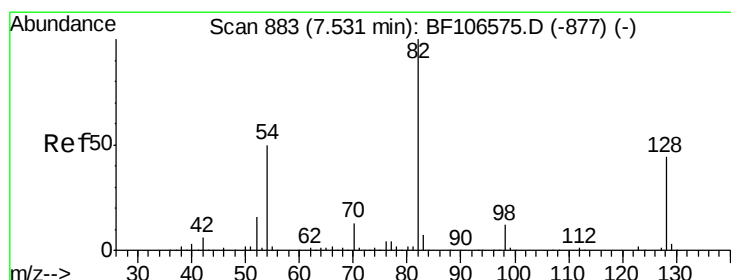
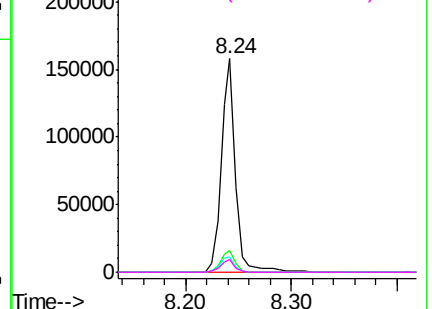
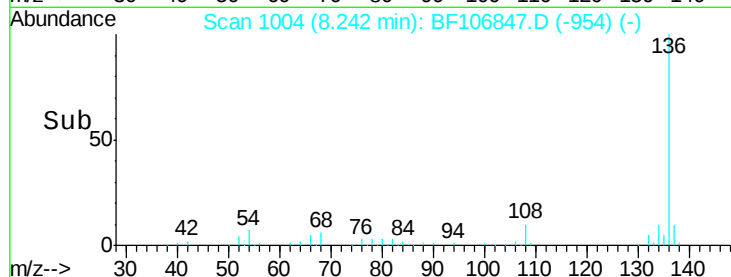


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.066 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

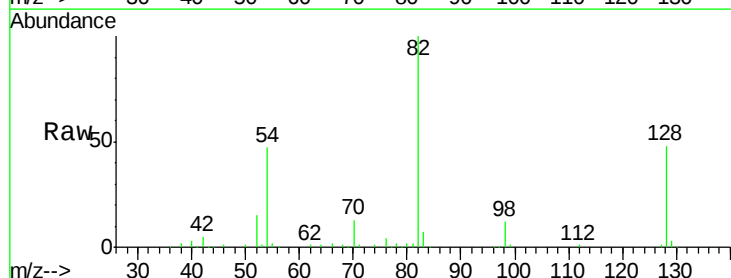
Tgt Ion: 82 Resp: 191254

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

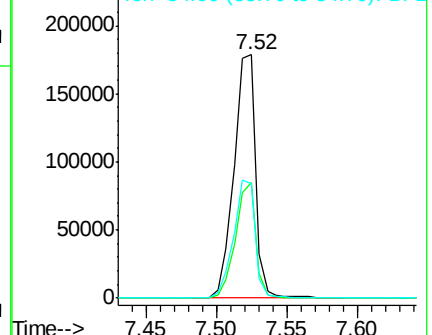
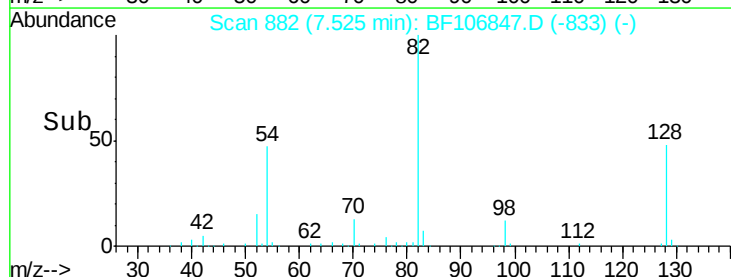
54 46.9 41.4 62.2

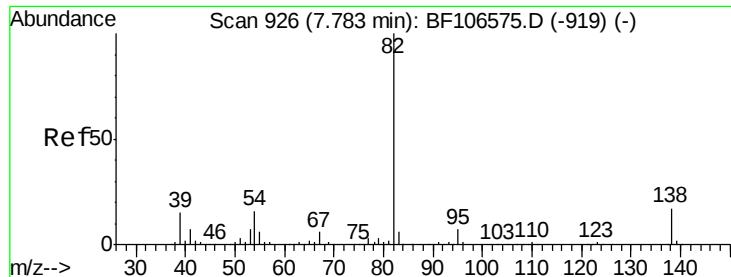


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.791 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106847.D

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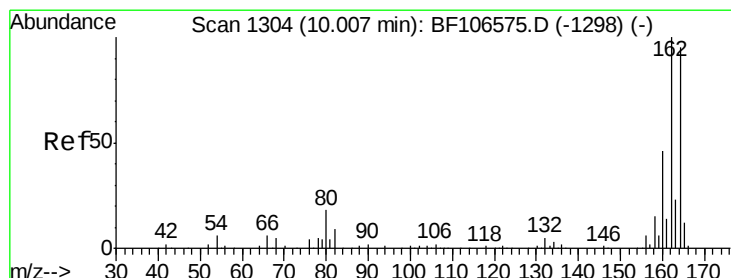
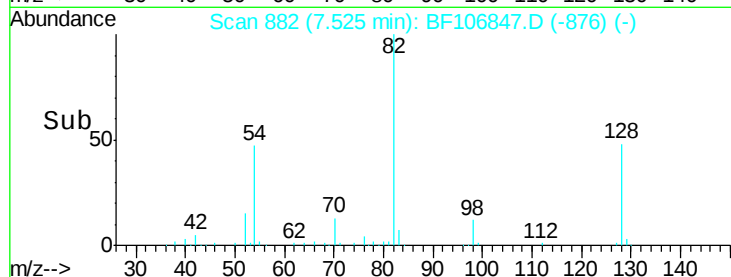
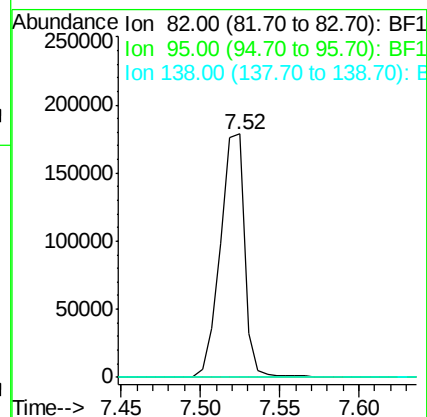
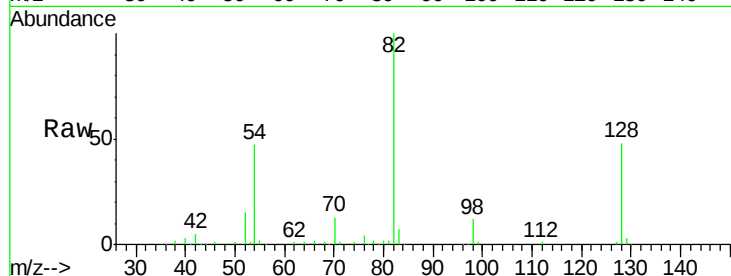
Tgt Ion: 82 Resp: 188700

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: BF106847.D

Acq: 27 Jun 2018 2:55

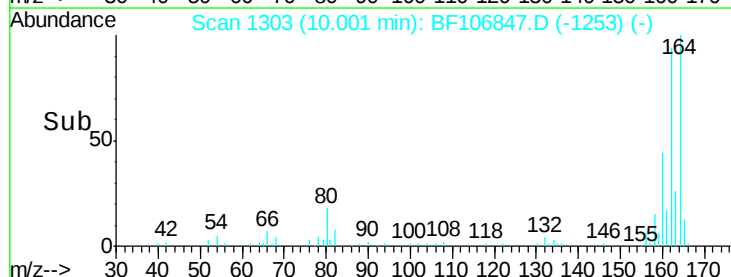
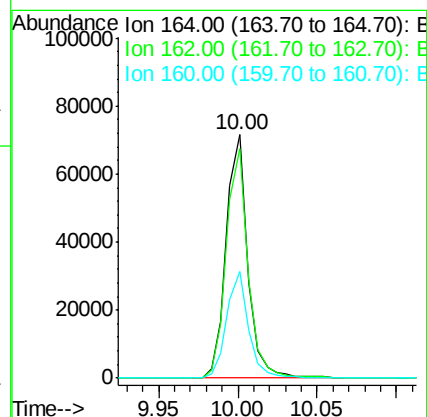
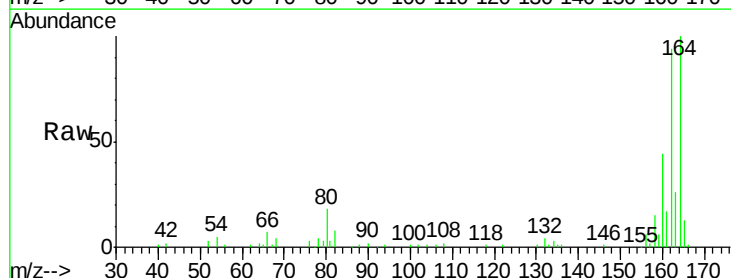
Tgt Ion: 164 Resp: 67620

Ion Ratio Lower Upper

164 100

162 94.1 86.1 129.1

160 44.0 38.3 57.5

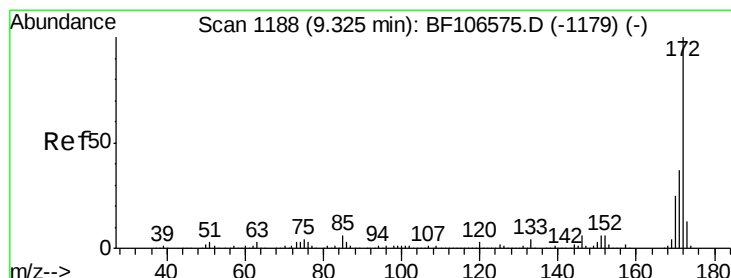
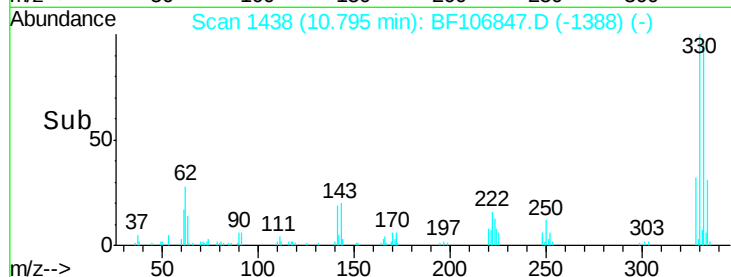
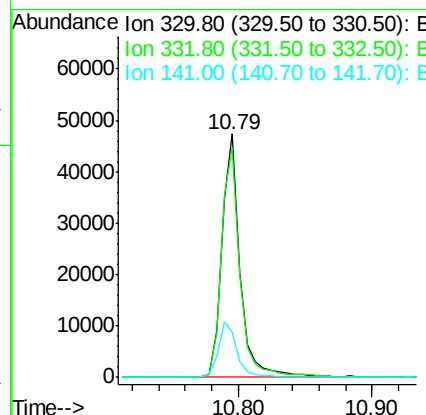
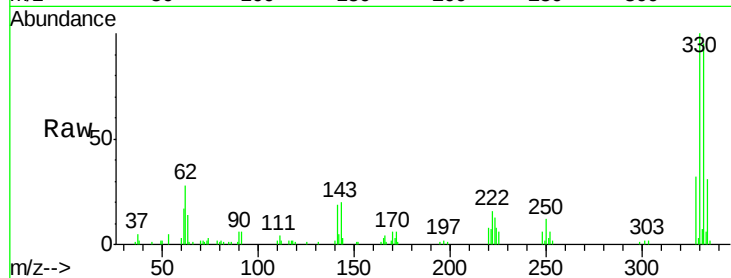




#41
 2,4,6-Tribromophenol
 Concen: 57.794 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

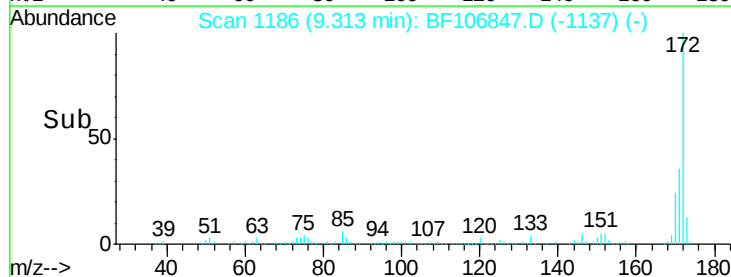
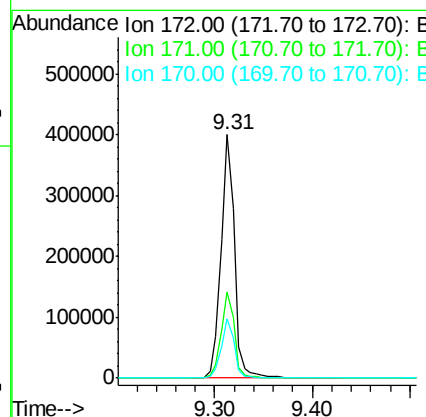
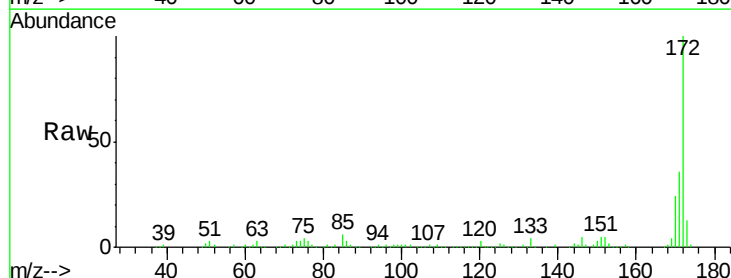
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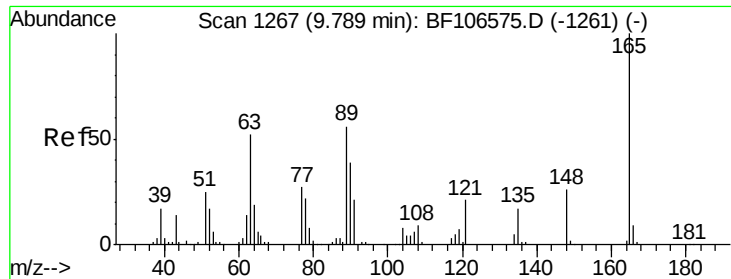
Tgt Ion:330 Resp: 45295
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 23.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.748 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Tgt Ion:172 Resp: 384963
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.2 19.6 29.4

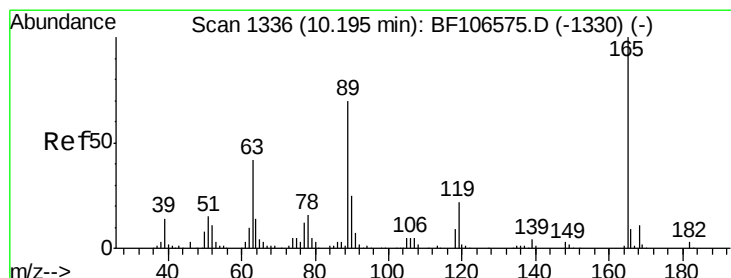
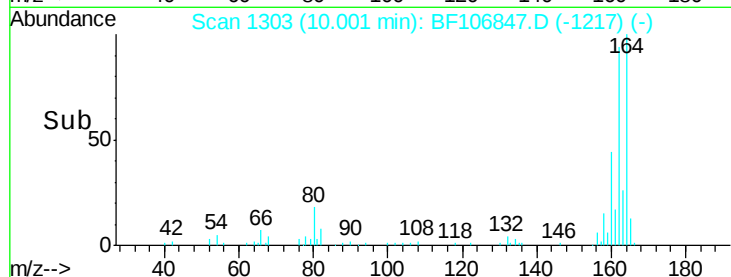
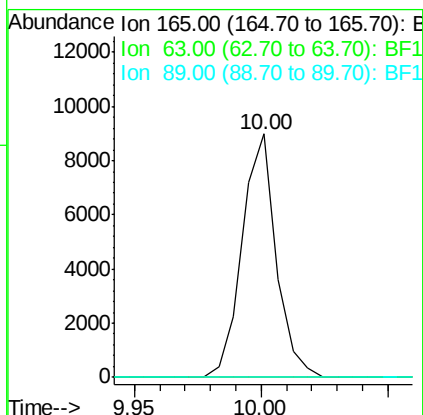
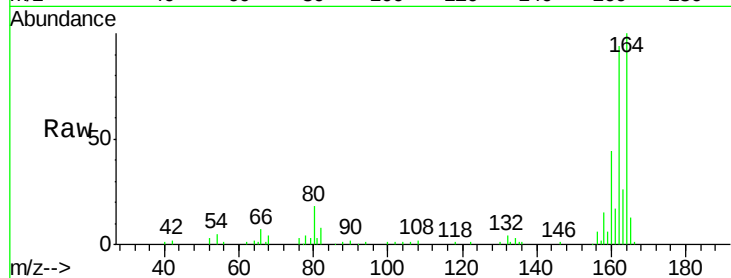




#50
 2,6-Dinitrotoluene
 Concen: 7.806 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

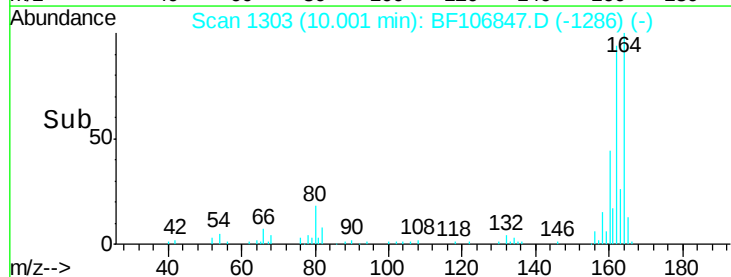
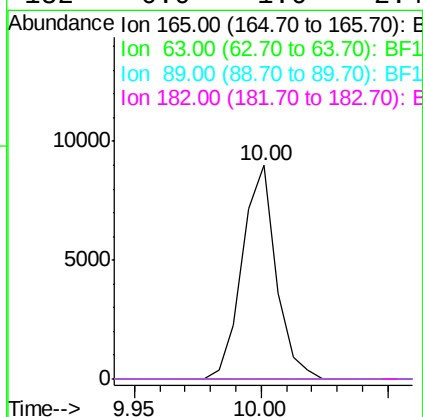
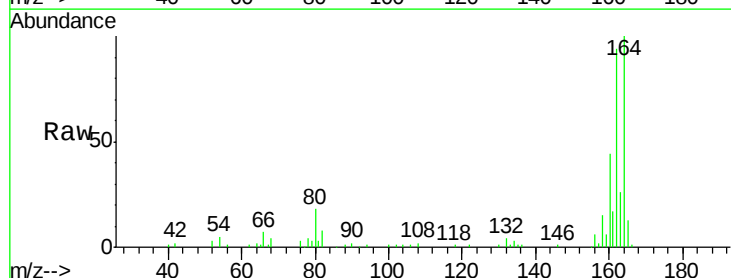
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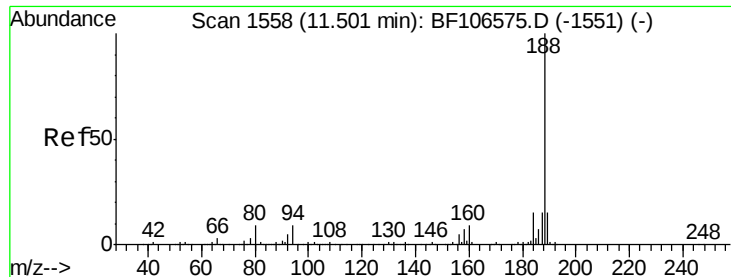
Tgt Ion:165 Resp: 8383
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.980 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106847.D
 Acq: 27 Jun 2018 2:55

Tgt Ion:165 Resp: 8383
 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#

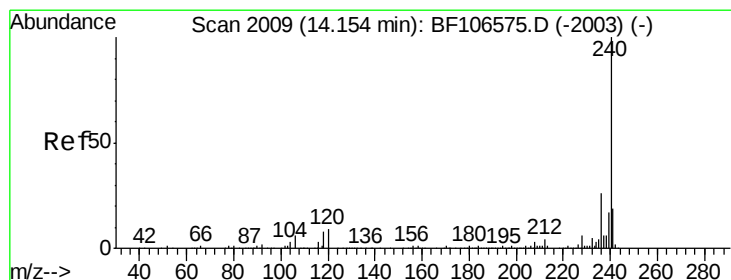
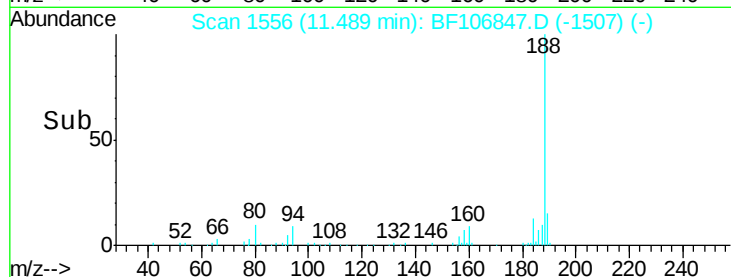
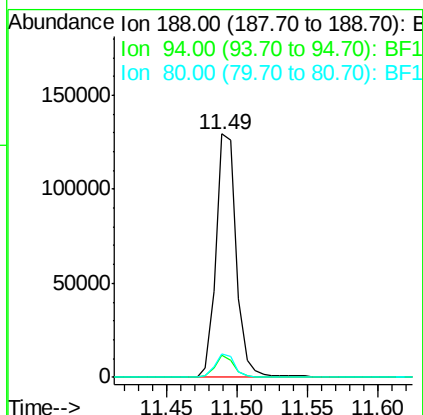
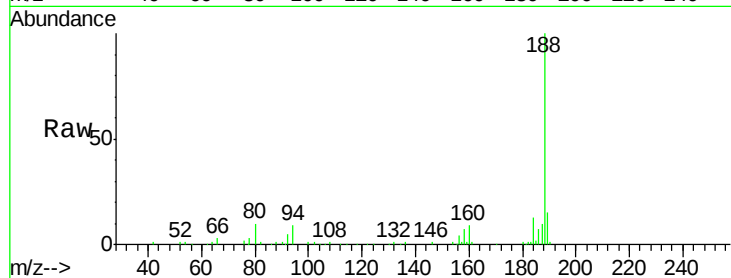




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

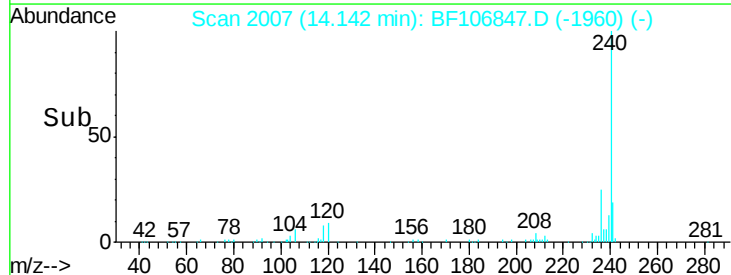
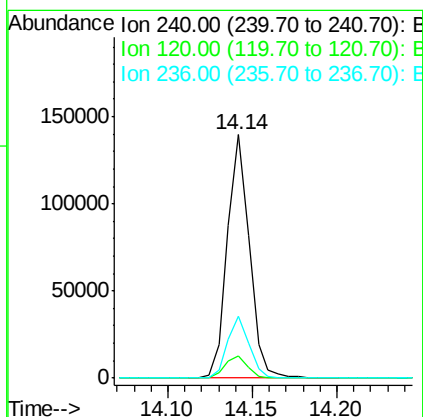
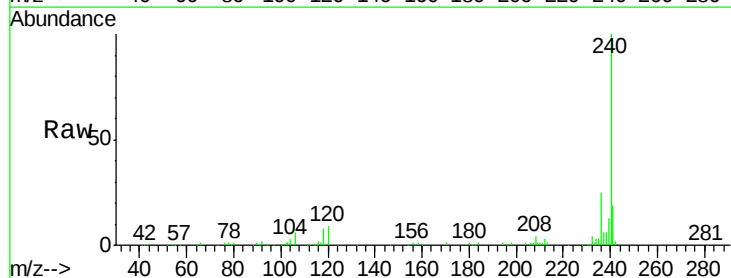
Instrument :
BNA_F
ClientSampleId :
PB110563BL

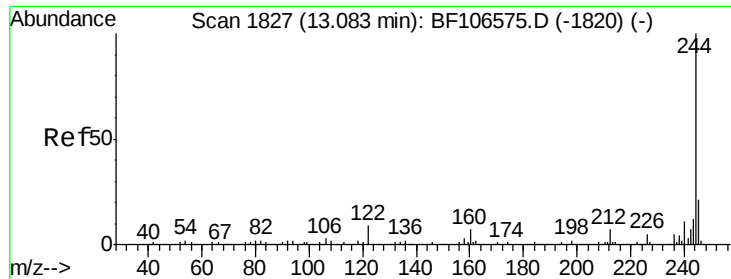
Tgt Ion:188 Resp: 129734
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106847.D
Acq: 27 Jun 2018 2:55

Tgt Ion:240 Resp: 126817
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 85.083 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

Instrument :

BNA_F

ClientSampleId :

PB110563BL

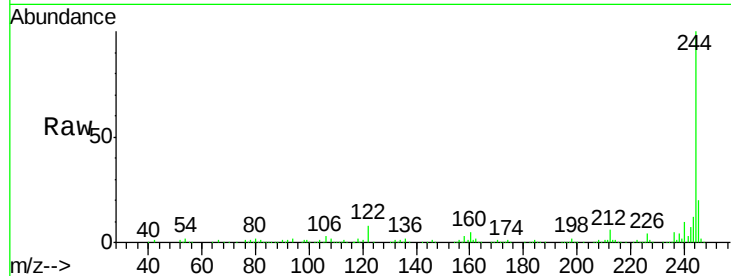
Tgt Ion:244 Resp: 445444

Ion Ratio Lower Upper

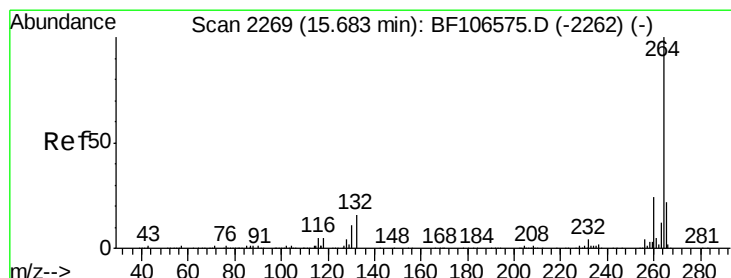
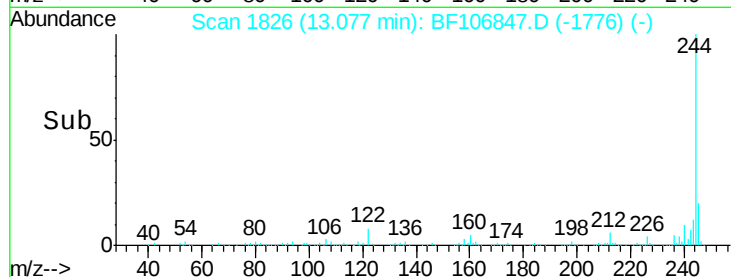
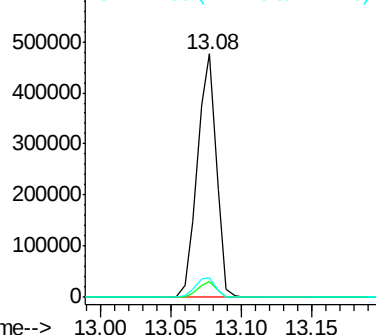
244 100

212 6.4 5.4 8.0

122 8.3 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106847.D

Acq: 27 Jun 2018 2:55

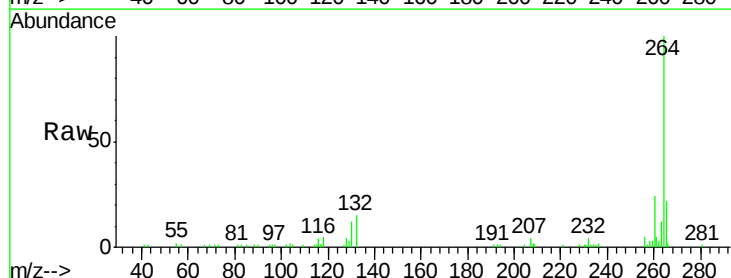
Tgt Ion:264 Resp: 84041

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 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

