

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107844.D
 Acq On : 31 Jul 2018 11:30
 Operator : JU/SJ
 Sample : J4221-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A07

Quant Time: Jul 31 13:33:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171132	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	726417	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	316005	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	576393	20.00	ng	0.00
75) Chrysene-d12	14.15	240	432832	20.00	ng	0.00
86) Perylene-d12	15.69	264	392252	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	594496	59.04	ng	0.00
7) Phenol-d6	6.60	99	541549	40.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	1130754	89.68	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	440775	102.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1950923	86.03	ng	0.00
78) Terphenyl-d14	13.08	244	1601267	80.22	ng	0.00

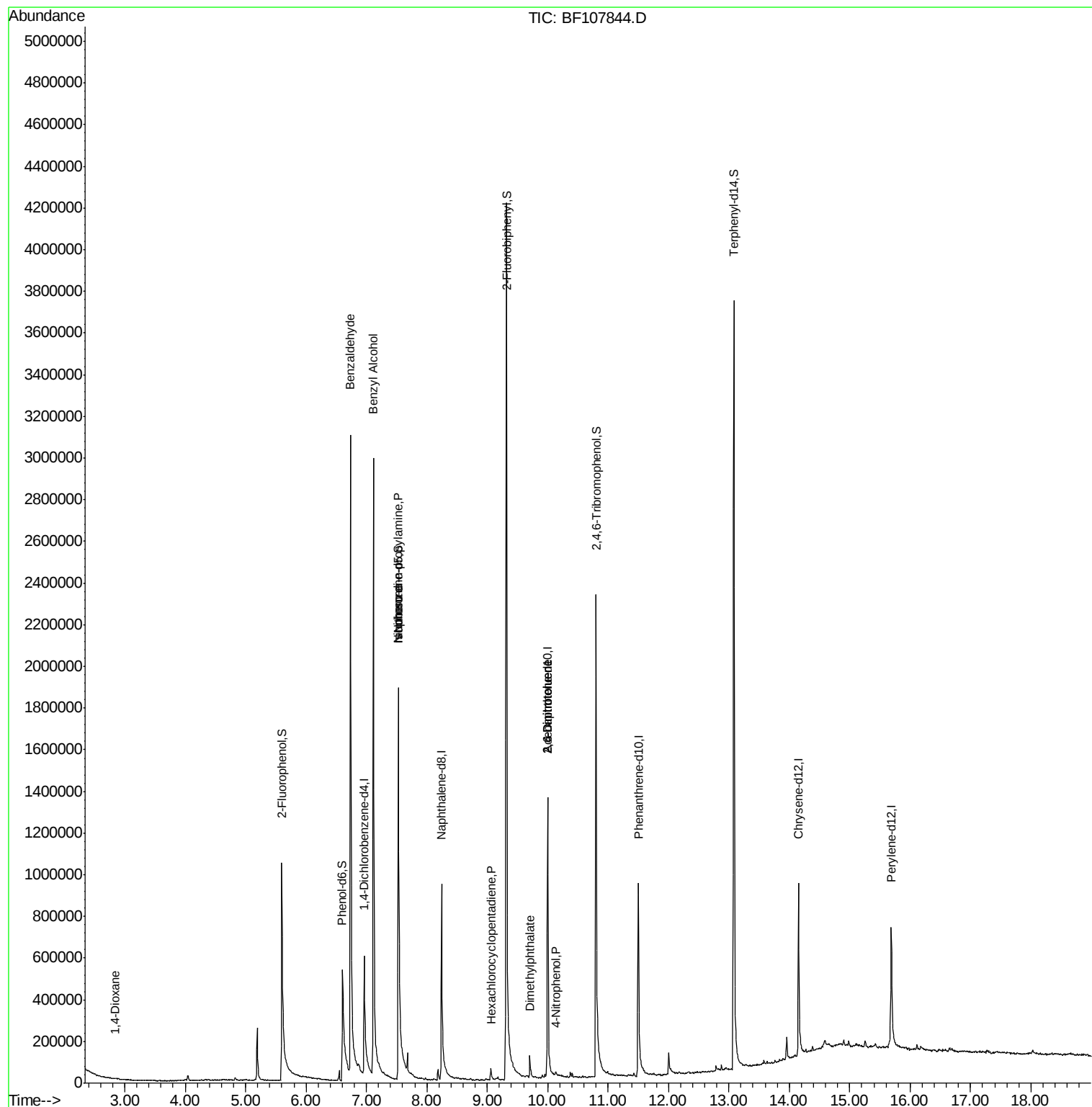
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	290	5.847	ng	# 1
9) Benzaldehyde	6.74	77	23169	2.894	ng	# 78
15) Benzyl Alcohol	7.12	79	16668	2.021	ng	# 39
19) n-Nitroso-di-n-propylamine	7.53	70	133005	15.799	ng	# 79
25) Isophorone	7.53	82	1156055	55.854	ng	# 64
40) Hexachlorocyclopentadiene	9.06	237	117	7.437	ng	# 26
49) Dimethylphthalate	9.71	163	59857	2.522	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	39053	7.572	ng	# 26
55) 4-Nitrophenol	10.14	139	9438	12.039	ng	# 16
56) 2,4-Dinitrotoluene	10.00	165	39857	5.880	ng	# 24

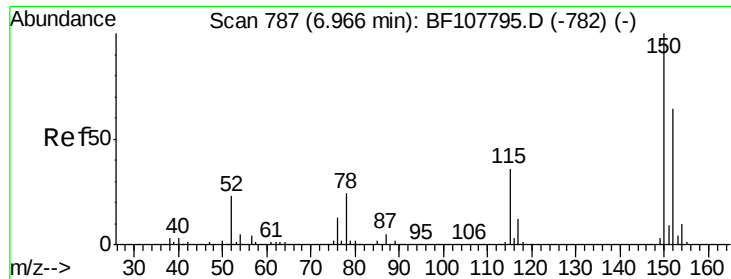
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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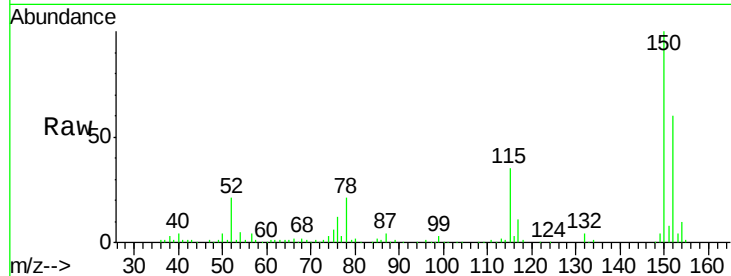


#1

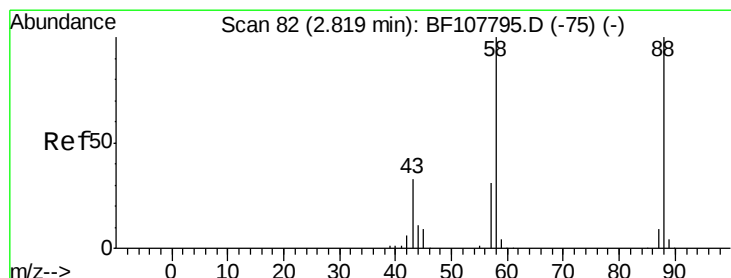
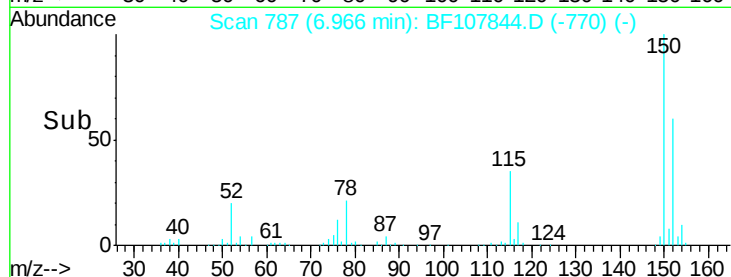
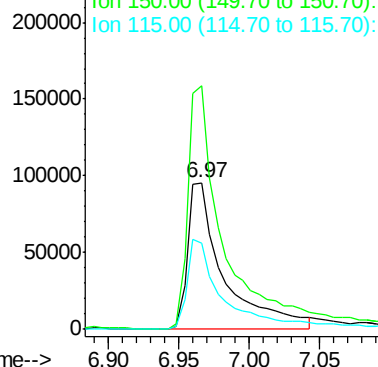
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 171132
Ion Ratio Lower Upper
152 100
150 166.4 124.6 186.8
115 58.9 50.1 75.1



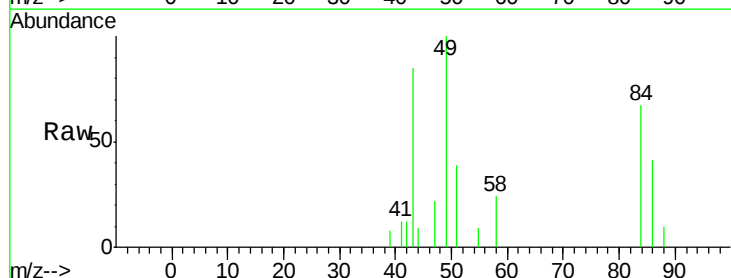
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



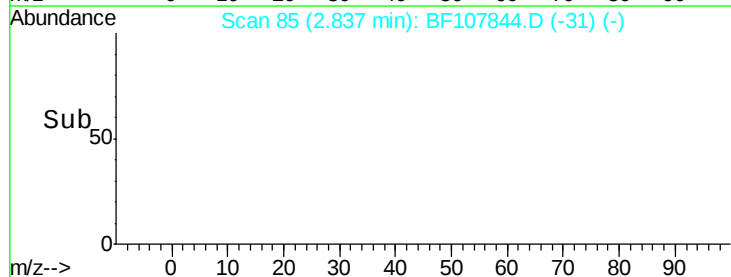
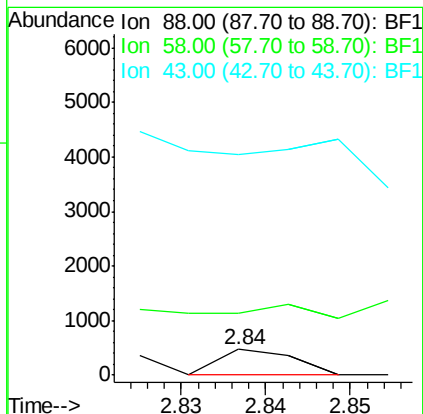
#2

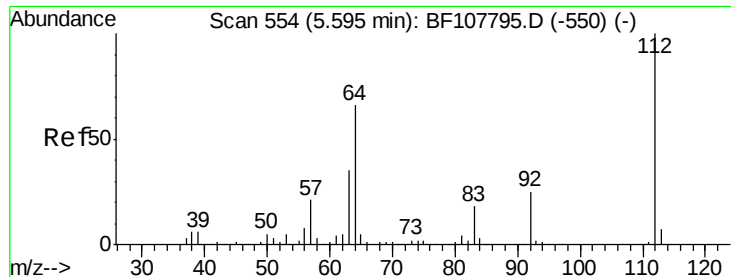
1,4-Dioxane
Concen: 5.847 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 799.7 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 59.041 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

Instrument :

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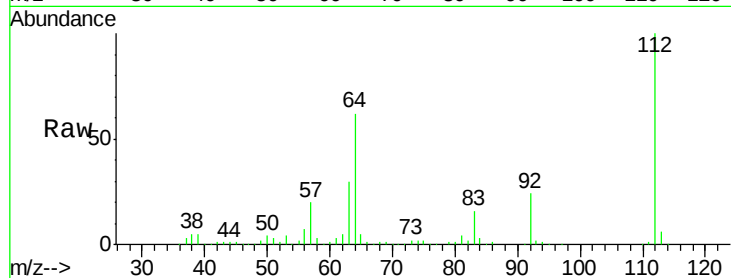
Tgt Ion: 112 Resp: 594496

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

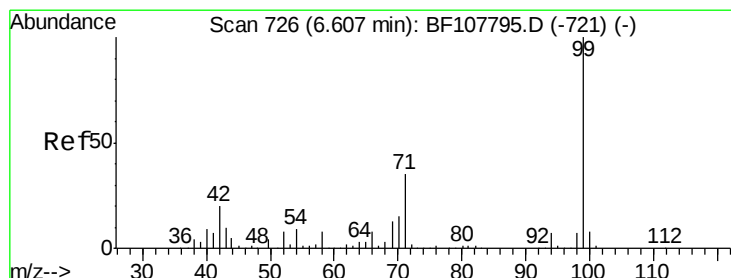
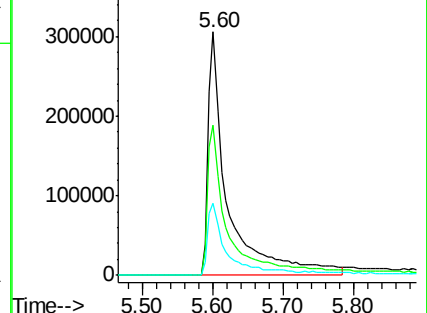
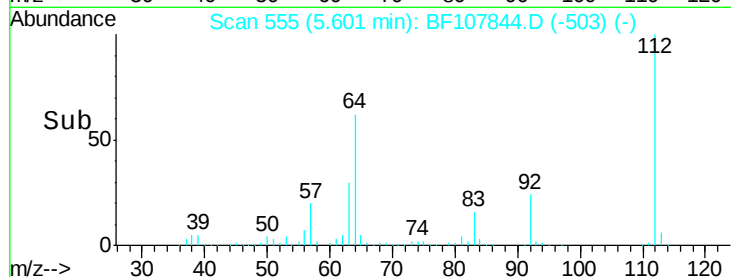
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 40.808 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

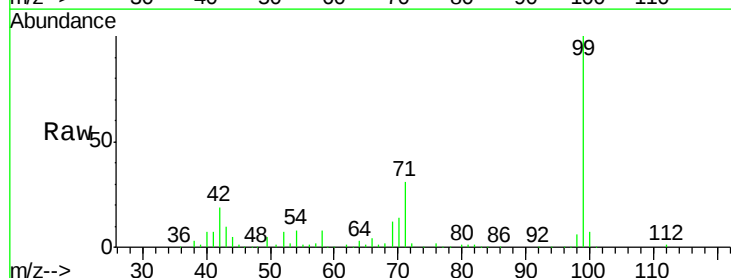
Tgt Ion: 99 Resp: 541549

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

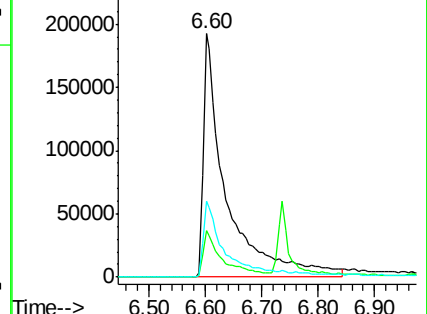
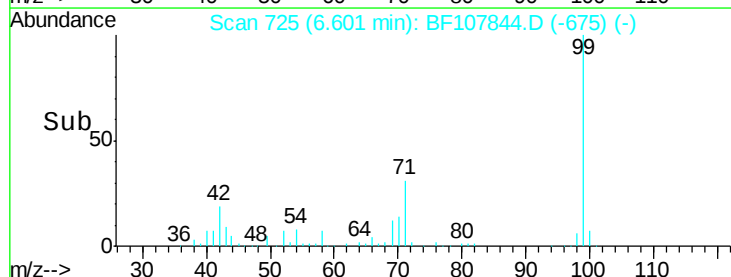
71 31.0 25.4 38.0

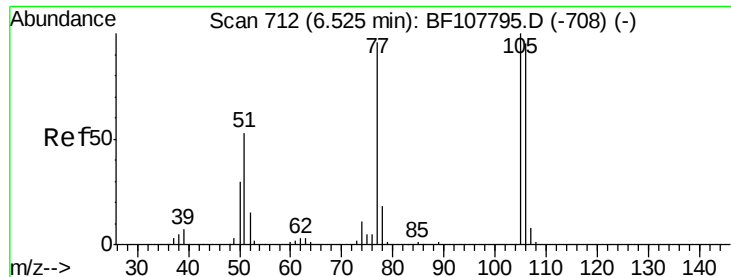


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.894 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

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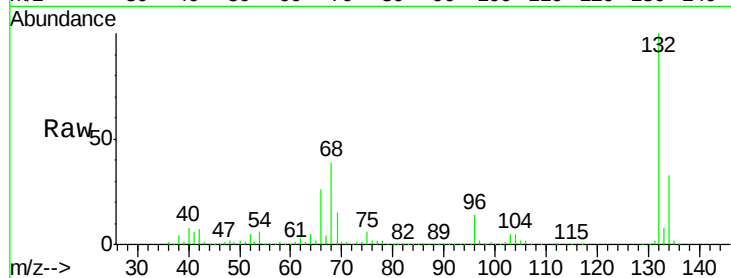
Tgt Ion: 77 Resp: 23169

Ion Ratio Lower Upper

77 100

105 76.0 81.1 121.1#

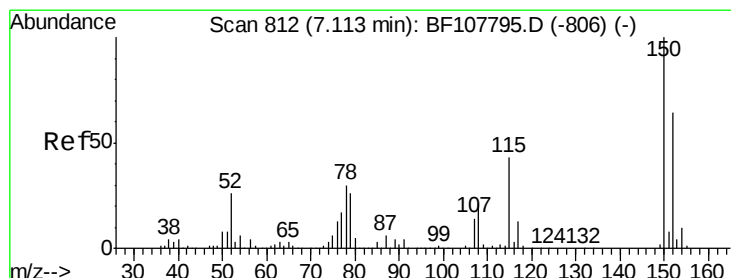
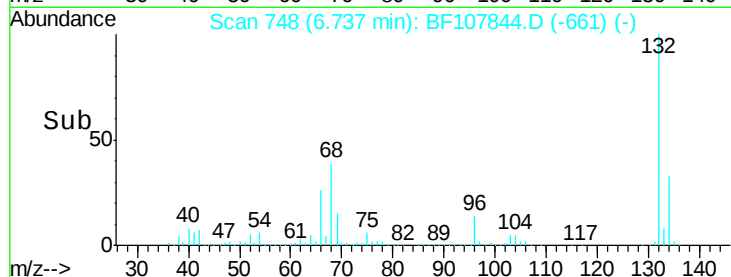
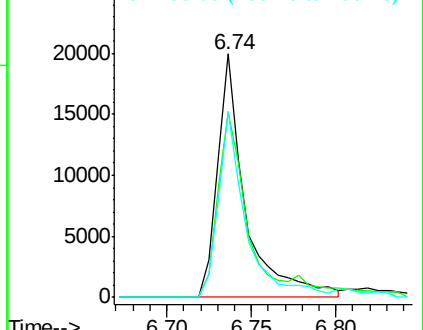
106 76.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

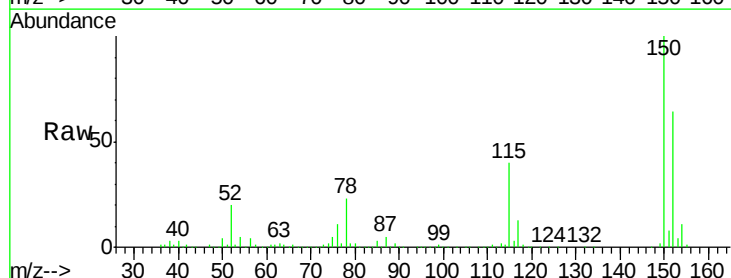
Tgt Ion: 79 Resp: 16668

Ion Ratio Lower Upper

79 100

108 28.8 65.1 97.7#

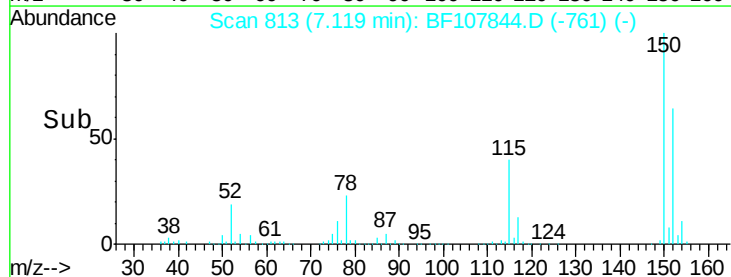
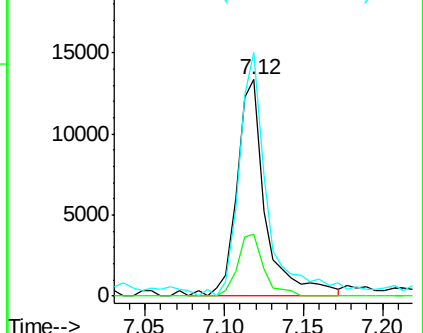
77 112.6 50.6 75.8#

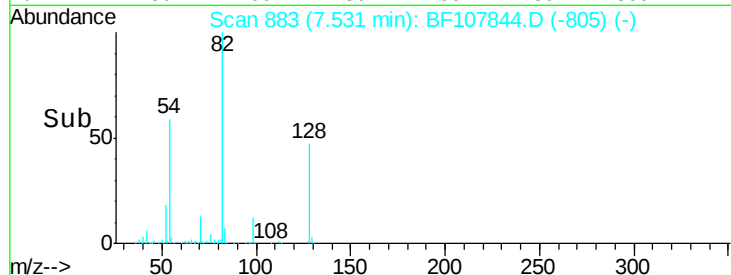
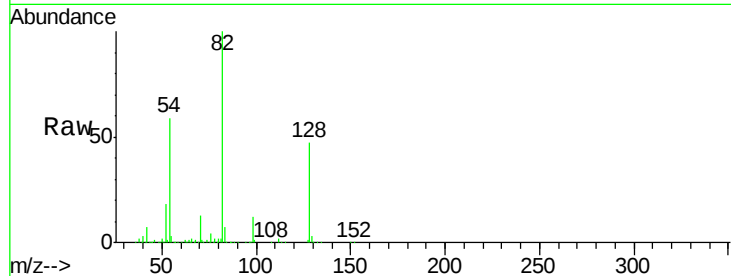
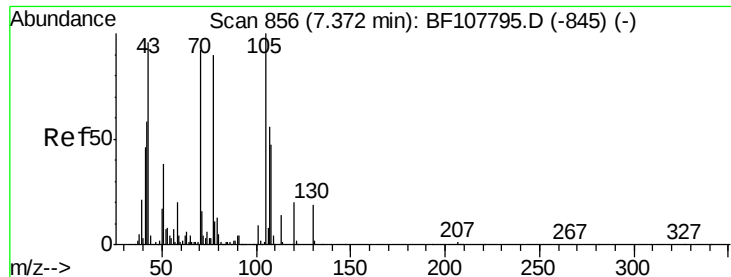


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF1

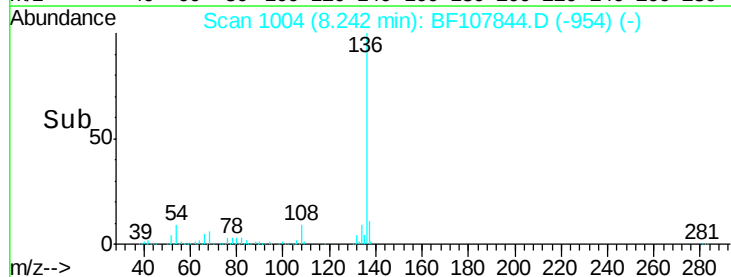
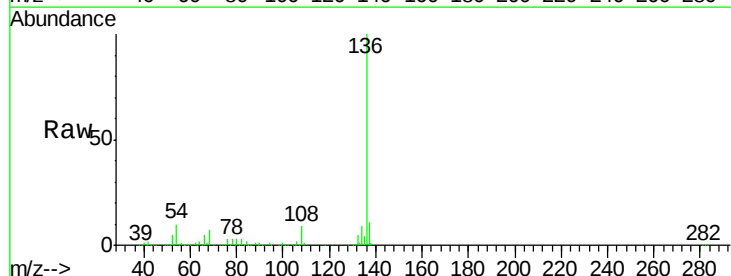
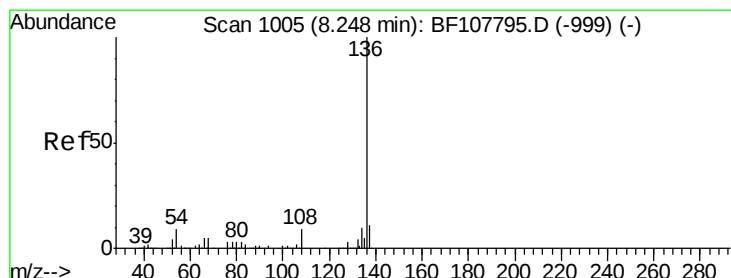
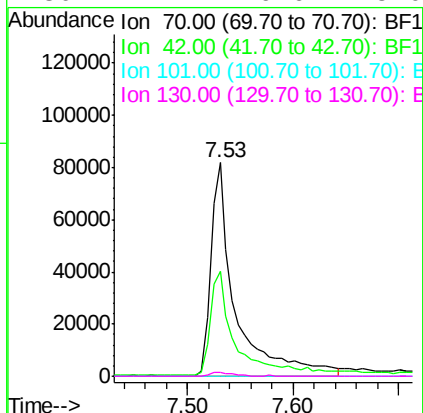




#19
n-Nitroso-di-n-propylamine
Concen: 15.799 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

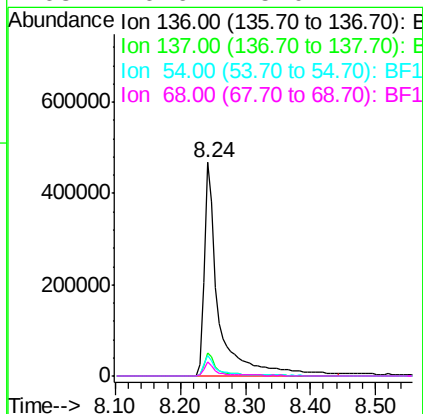
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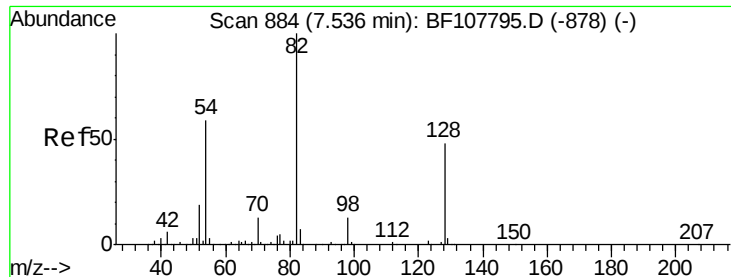
Tgt Ion:	70	Resp:	133005
Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion:	136	Resp:	726417
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4

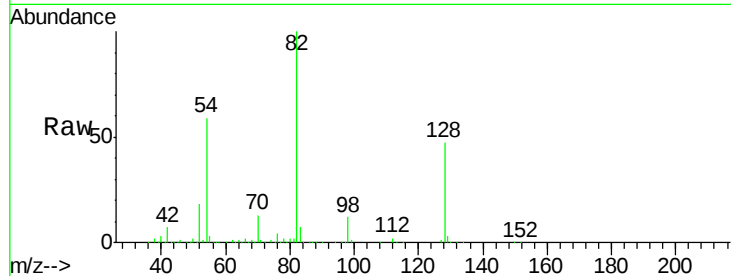




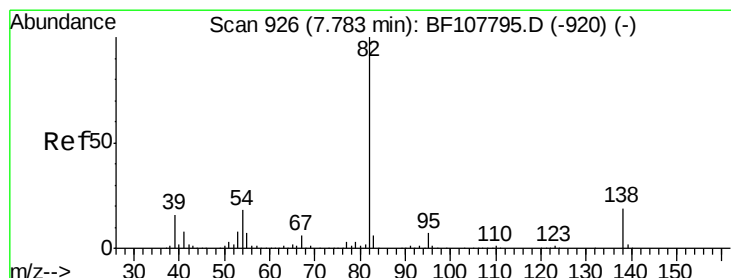
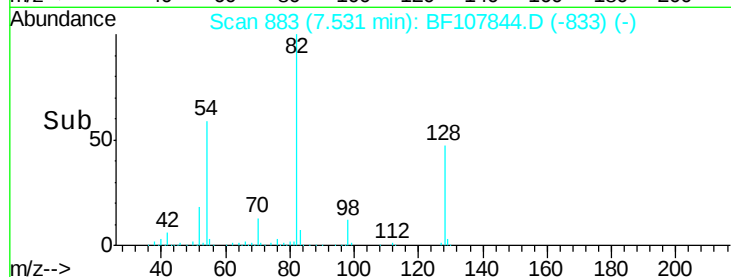
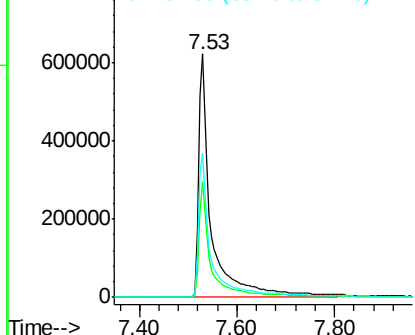
#23
Nitrobenzene-d5
Concen: 89.677 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Instrument :
BNA_F
ClientSampleId :
MW-A07

Tgt Ion: 82 Resp: 1130754
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 59.3 41.4 62.2

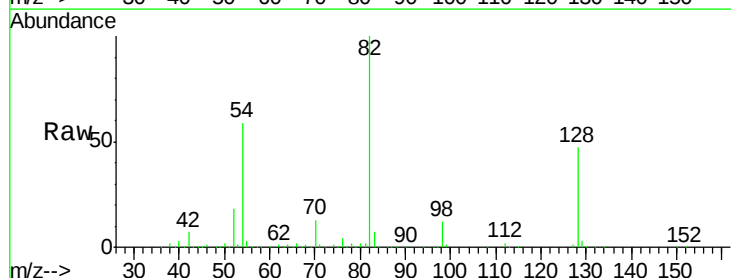


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

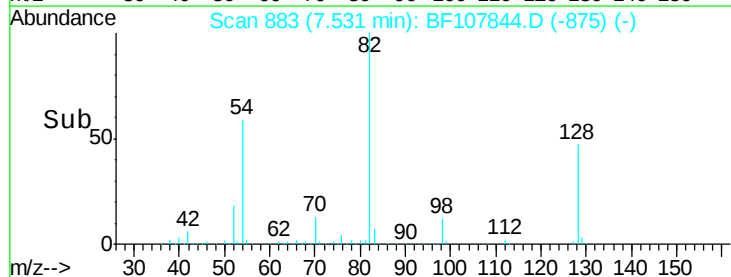
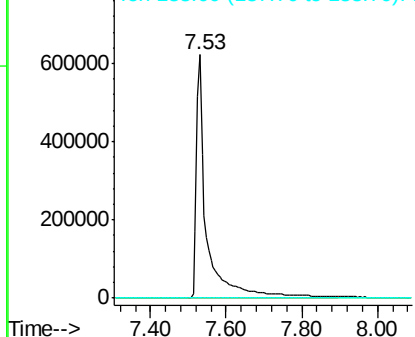


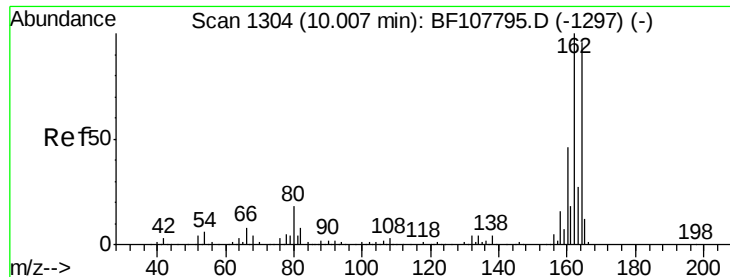
#25
Isophorone
Concen: 55.854 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion: 82 Resp: 1156055
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

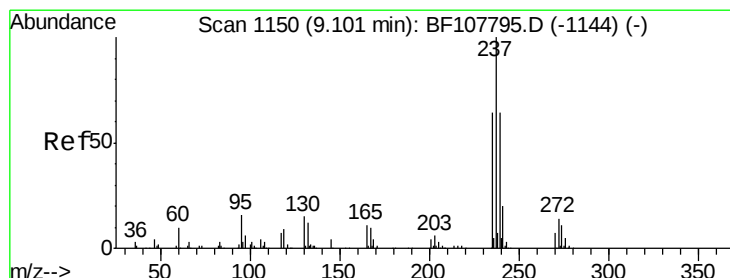
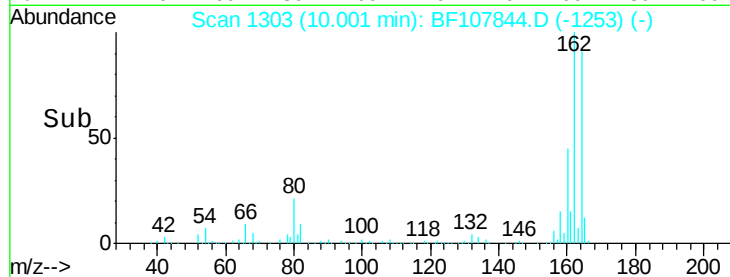
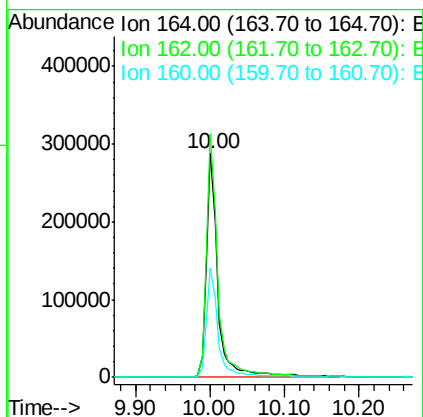
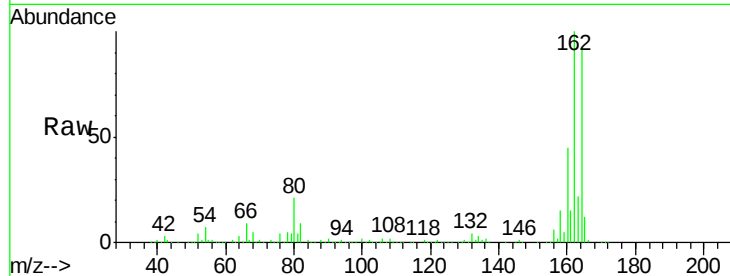




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

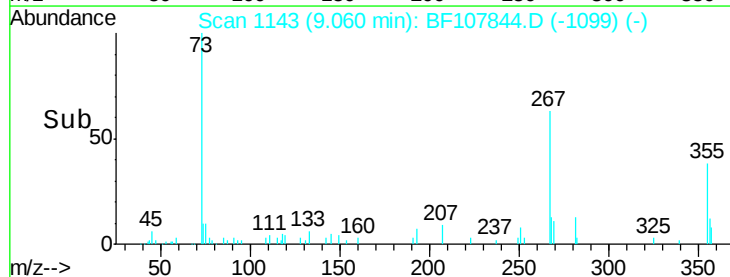
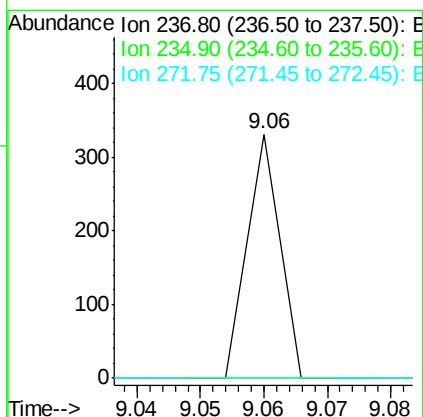
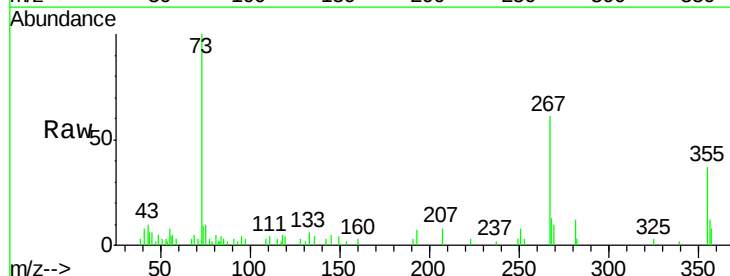
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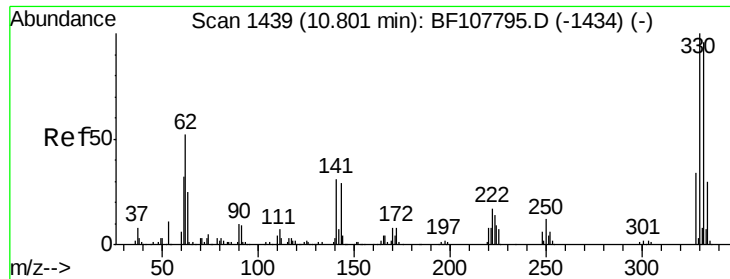
Tgt Ion:164 Resp: 316005
Ion Ratio Lower Upper
164 100
162 108.5 86.1 129.1
160 48.7 38.3 57.5



#40
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 9.06 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion:237 Resp: 117
Ion Ratio Lower Upper
237 100
235 0.0 44.8 84.8#
272 0.0 0.0 33.3

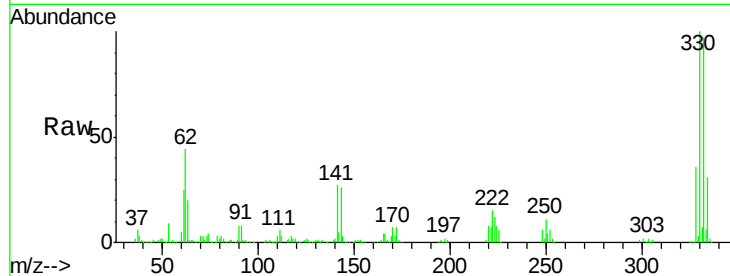




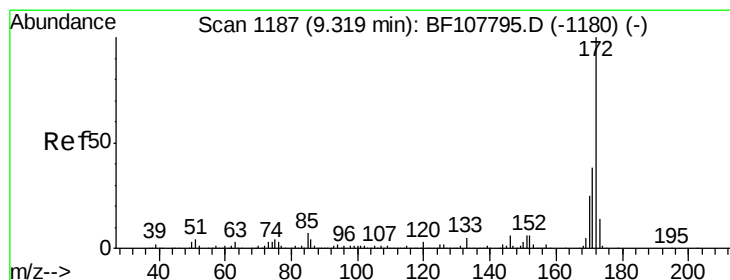
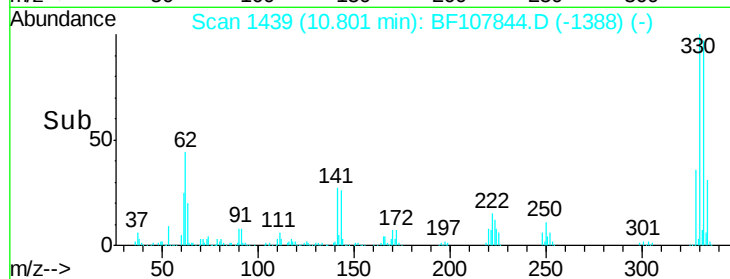
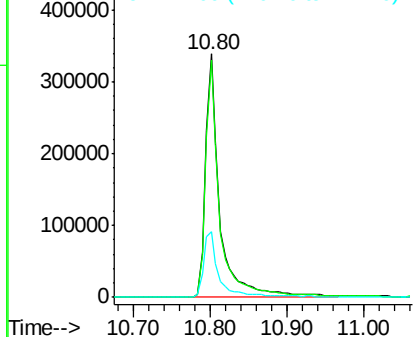
#41
 2,4,6-Tribromophenol
 Concen: 102.652 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107844.D
 Acq: 31 Jul 2018 11:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-A07

Tgt Ion:330 Resp: 440775
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 29.0 29.9 44.9#

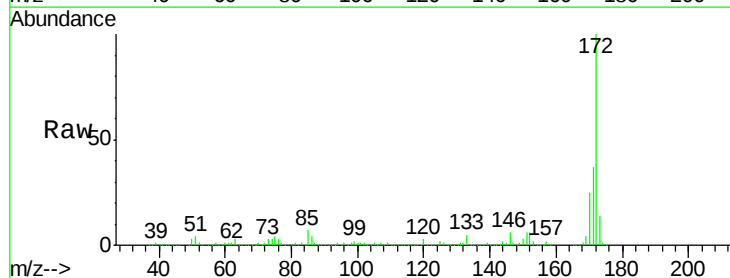


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

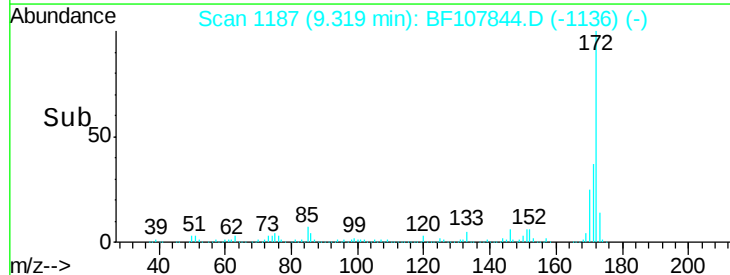
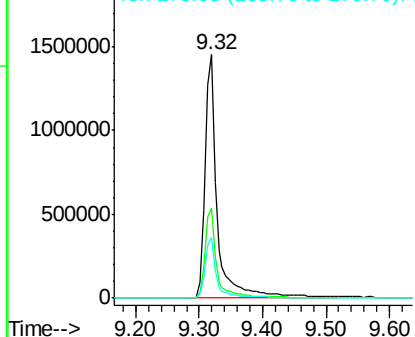


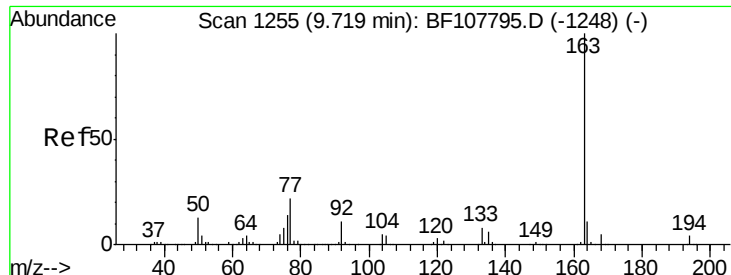
#44
 2-Fluorobiphenyl
 Concen: 86.030 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107844.D
 Acq: 31 Jul 2018 11:30

Tgt Ion:172 Resp: 1950923
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.8 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

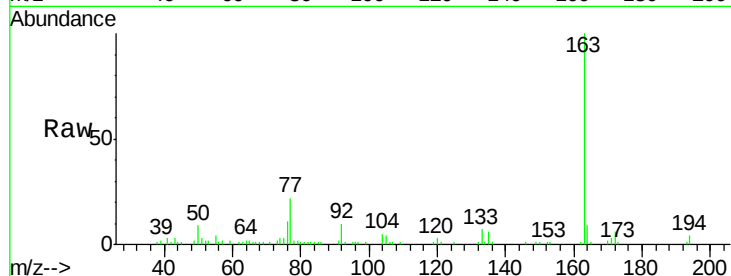




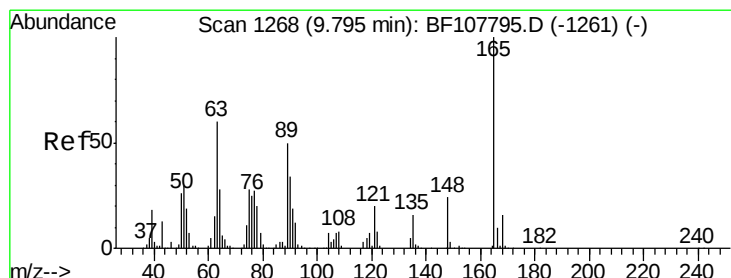
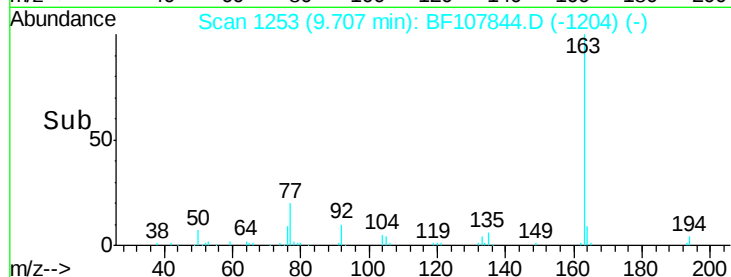
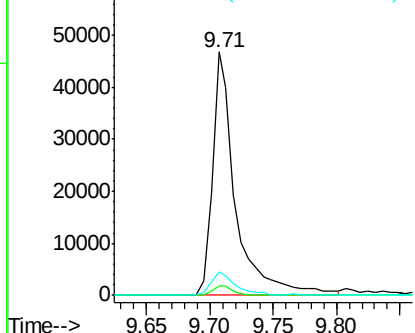
#49
Dimethylphthalate
Concen: 2.522 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Instrument :
BNA_F
ClientSampleId :
MW-A07

Tgt Ion:163 Resp: 59857
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2

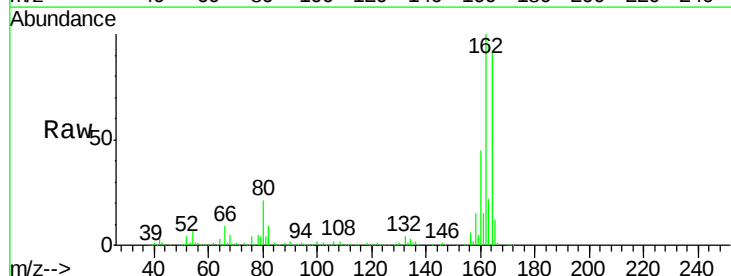


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

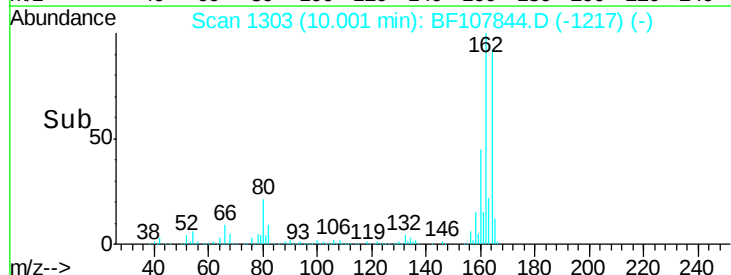
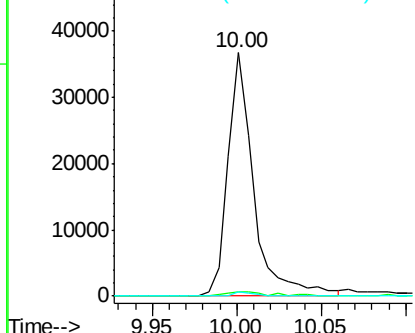


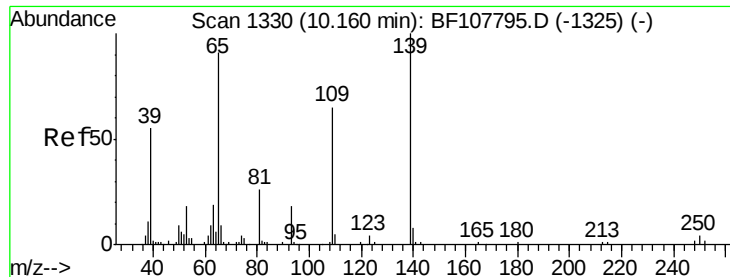
#50
2,6-Dinitrotoluene
Concen: 7.572 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion:165 Resp: 39053
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.8 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





#55

4-Nitrophenol

Concen: 12.039 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

Instrument :

BNA_F

ClientSampleId :

MW-A07

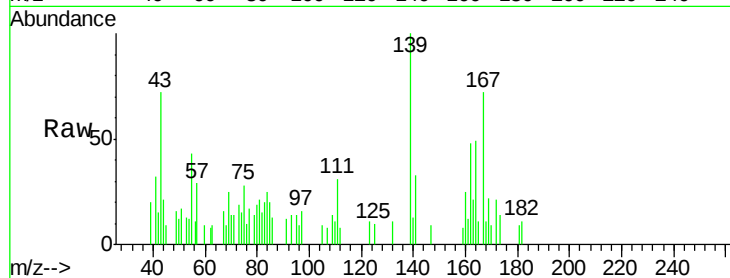
Tgt Ion:139 Resp: 9438

Ion Ratio Lower Upper

139 100

109 14.0 48.4 88.4#

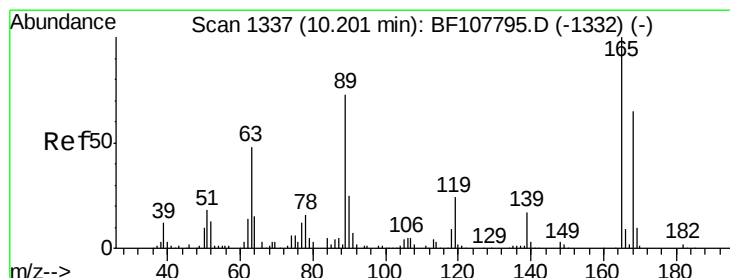
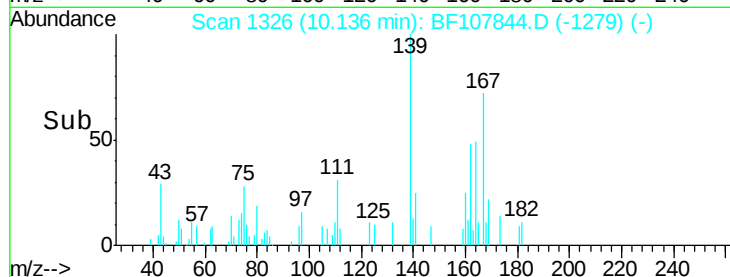
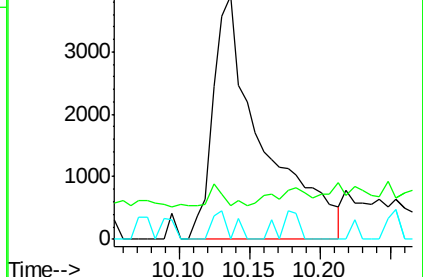
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 5.880 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

Tgt Ion:165 Resp: 39857

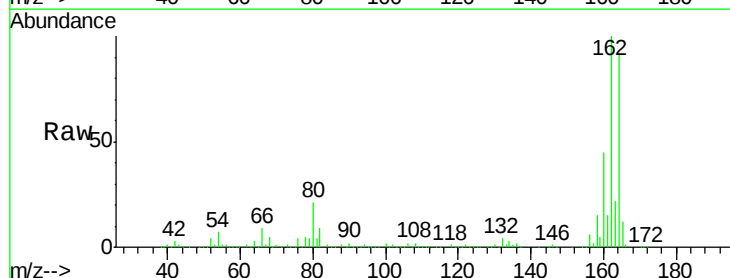
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

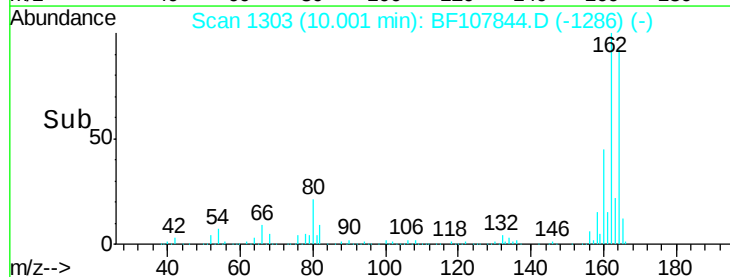
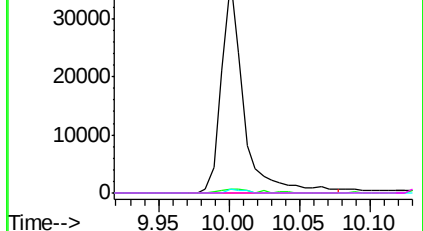


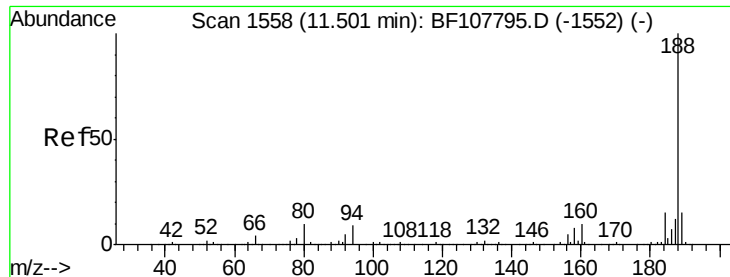
Abundance Ion 165.00 (164.70 to 165.70): E

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

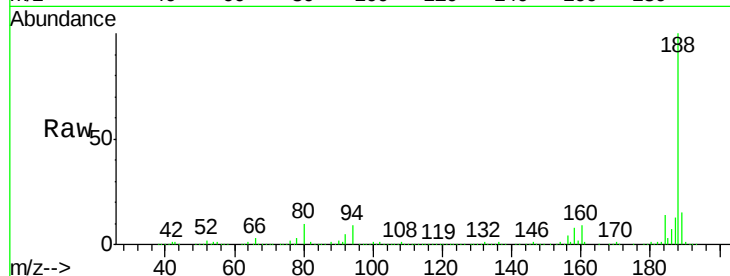




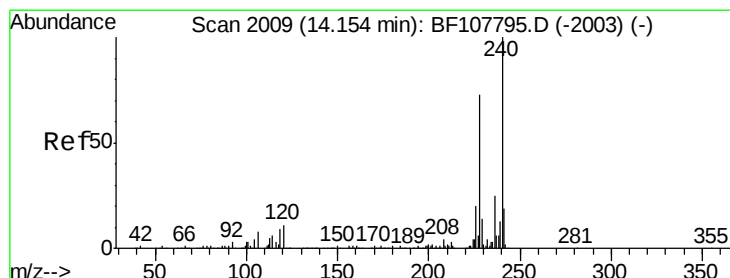
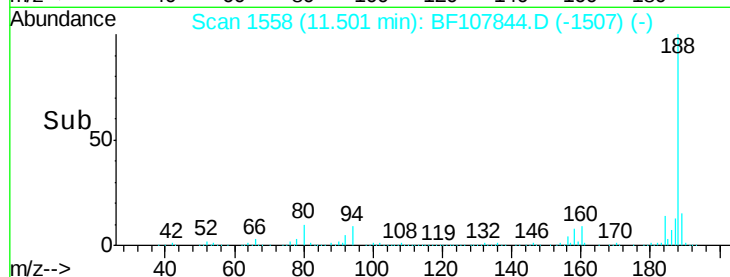
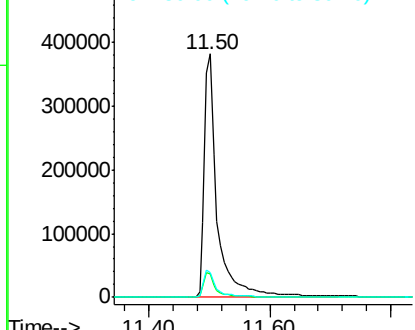
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Instrument :
BNA_F
ClientSampleId :
MW-A07

Tgt Ion:188 Resp: 576393
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.1 9.2 13.8

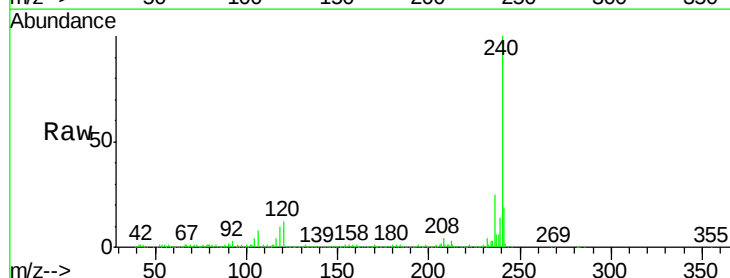


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

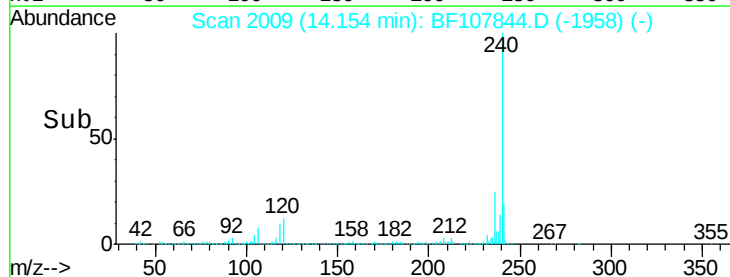
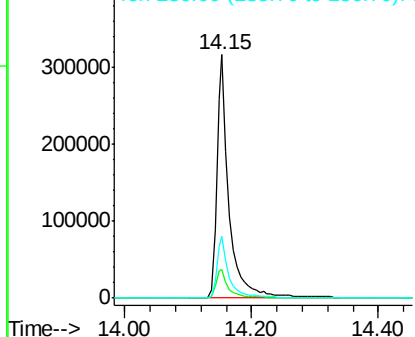


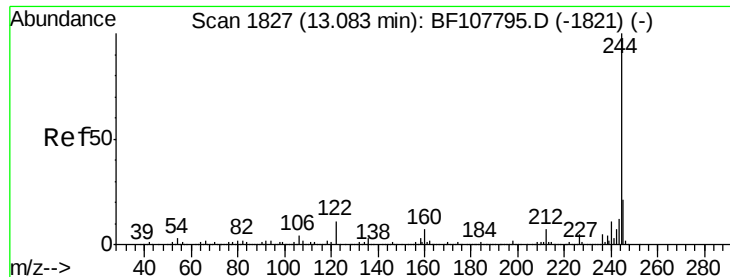
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107844.D
Acq: 31 Jul 2018 11:30

Tgt Ion:240 Resp: 432832
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.3 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: 80.221 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

Instrument :

BNA_F

ClientSampleId :

MW-A07

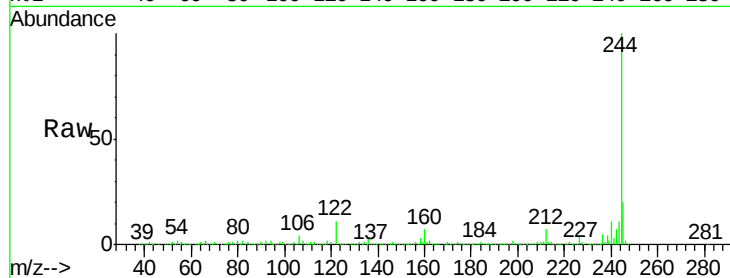
Tgt Ion:244 Resp: 1601267

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

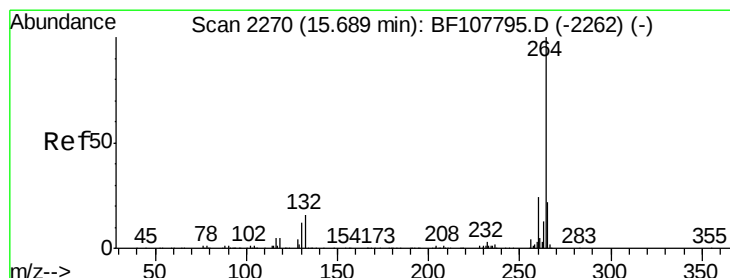
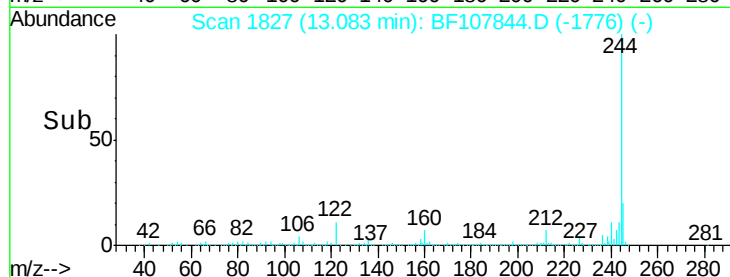
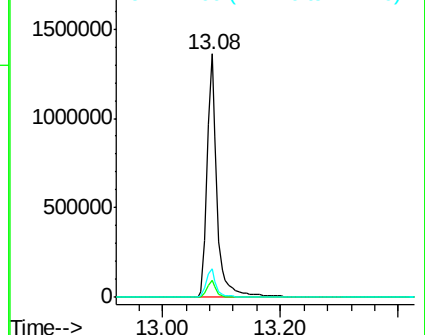
122 11.5 11.0 16.4



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: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF107844.D

Acq: 31 Jul 2018 11:30

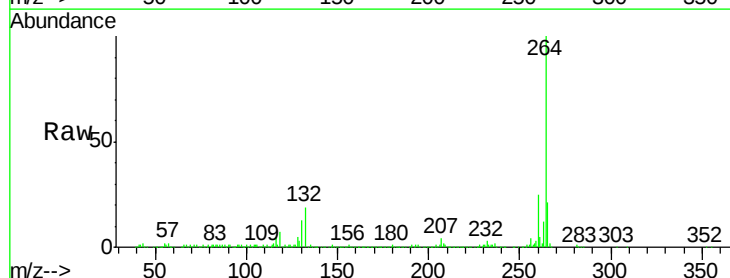
Tgt Ion:264 Resp: 392252

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.1 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

