

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
 Data File : BF107845.D
 Acq On : 31 Jul 2018 11:56
 Operator : JU/SJ
 Sample : J4221-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A29

Quant Time: Jul 31 13:33:17 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	177550	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	773374	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	330082	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	599391	20.00	ng	0.00
75) Chrysene-d12	14.15	240	447889	20.00	ng	0.00
86) Perylene-d12	15.69	264	426580	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	582279	55.74	ng	0.00
7) Phenol-d6	6.61	99	503278	36.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	1182418	88.08	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	492811	109.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2046816	86.41	ng	0.00
78) Terphenyl-d14	13.08	244	1704338	82.51	ng	0.00

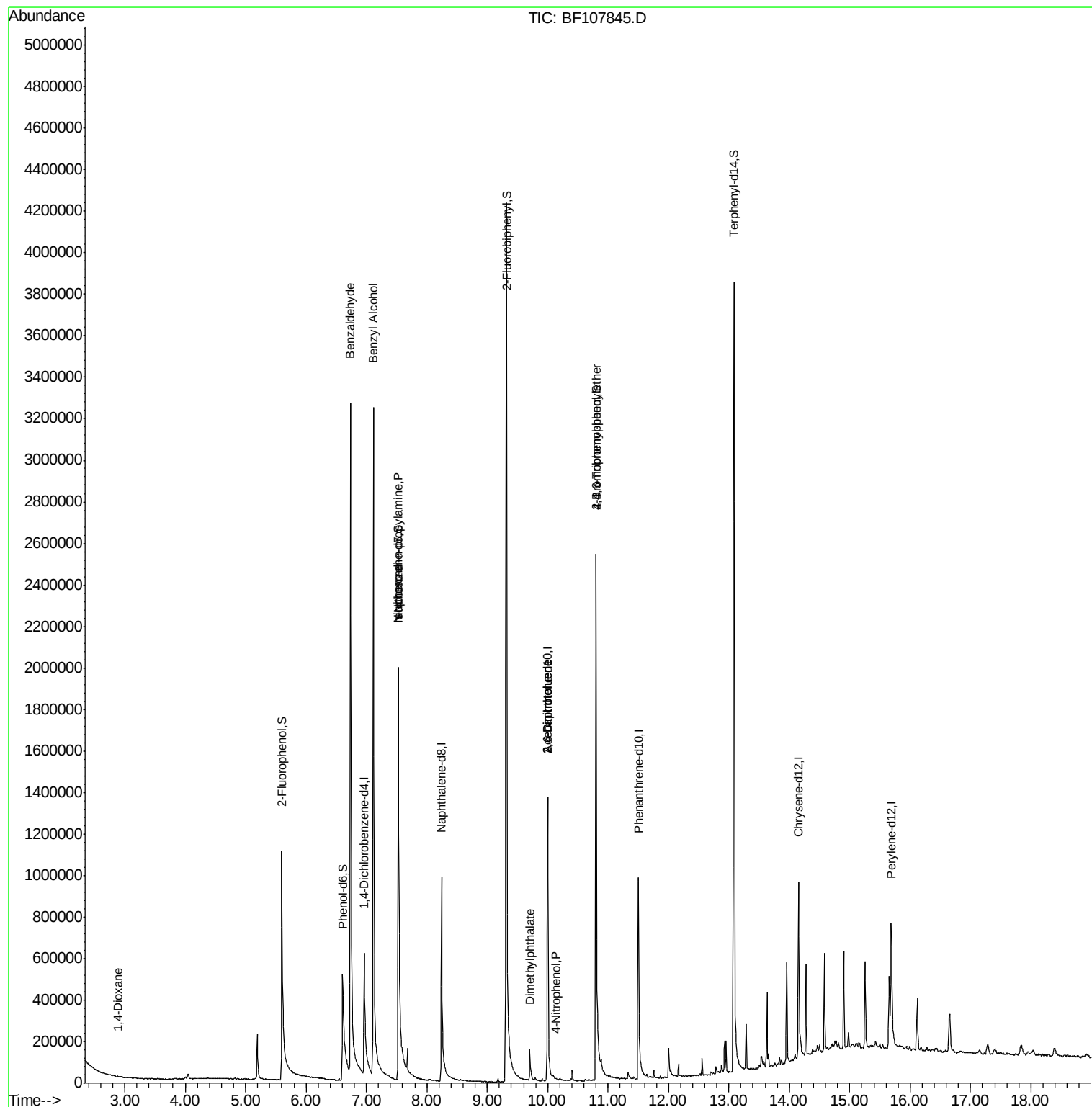
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	1110	5.993	ng	# 68
9) Benzaldehyde	6.74	77	24987	3.008	ng	# 79
15) Benzyl Alcohol	7.12	79	17300	2.022	ng	# 45
19) n-Nitroso-di-n-propylamine	7.53	70	141661	16.219	ng	# 79
25) Isophorone	7.53	82	1201966	54.546	ng	# 64
49) Dimethylphthalate	9.71	163	90494	3.651	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	40592	7.535	ng	# 26
55) 4-Nitrophenol	10.14	139	1882	9.833	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	42146	5.952	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	27996	4.007	ng	# 1

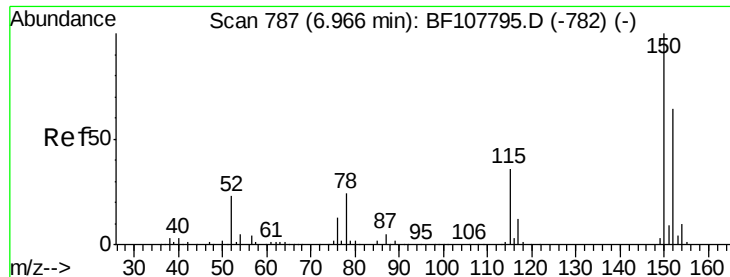
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
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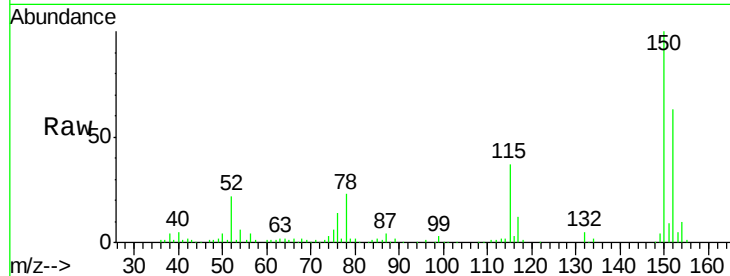


#1

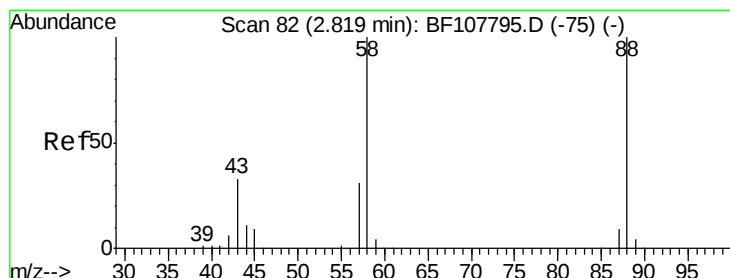
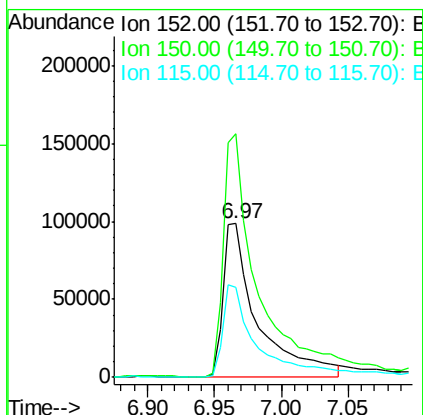
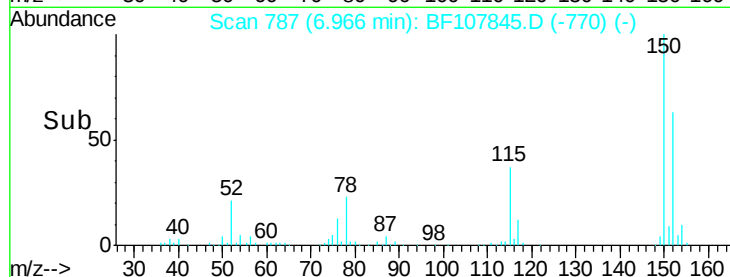
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:152 Resp: 177550
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 58.6 50.1 75.1



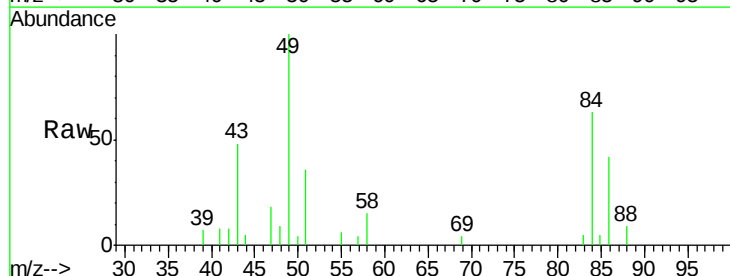
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



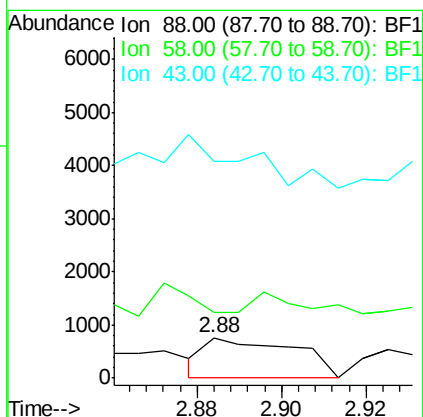
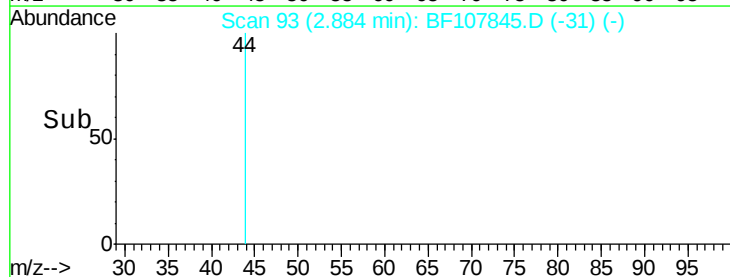
#2

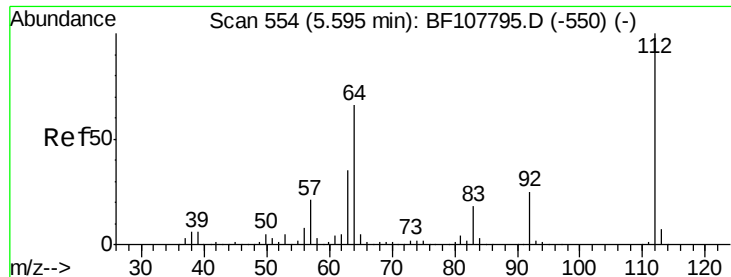
1,4-Dioxane
Concen: 5.993 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 88 Resp: 1110
Ion Ratio Lower Upper
88 100
58 59.2 62.6 93.8#
43 0.0 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

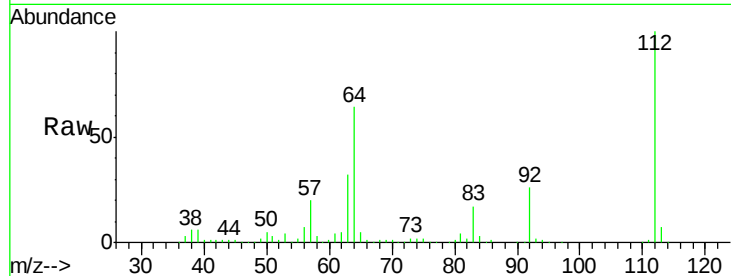




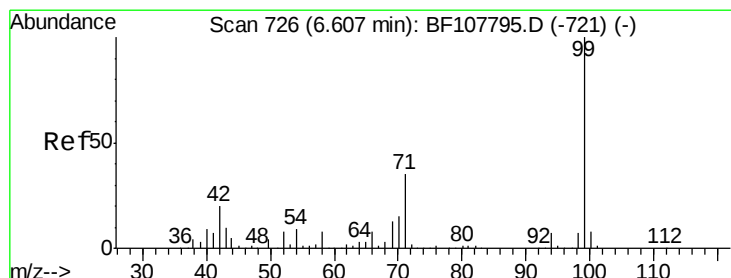
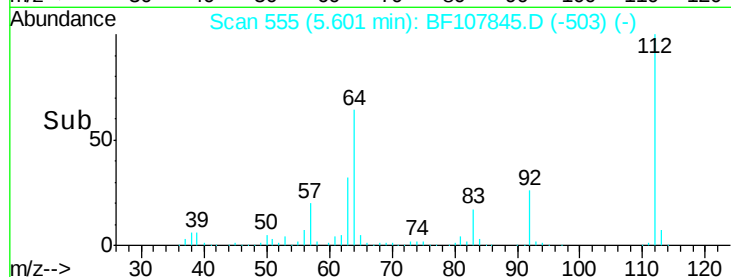
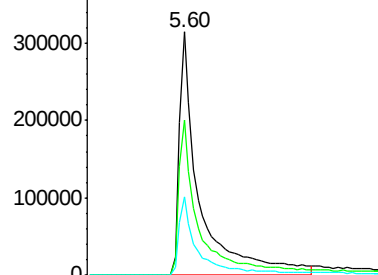
#5
 2-Fluorophenol
 Concen: 55.737 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-A29

Tgt Ion: 112 Resp: 582279
 Ion Ratio Lower Upper
 112 100
 64 63.8 47.9 71.9
 63 32.0 23.7 35.5

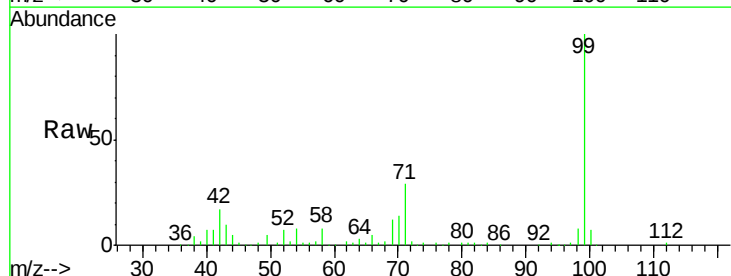


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

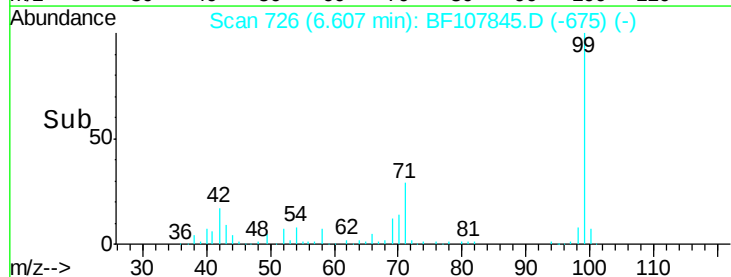
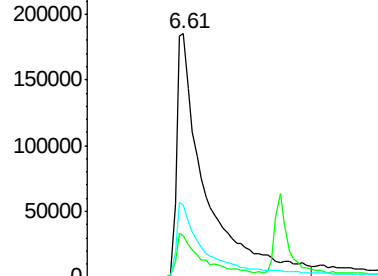


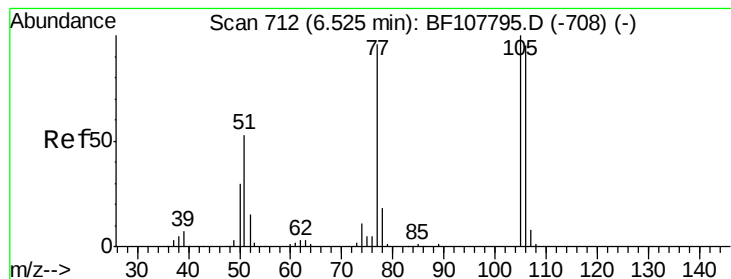
#7
 Phenol-d6
 Concen: 36.553 ng
 RT: 6.61 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

Tgt Ion: 99 Resp: 503278
 Ion Ratio Lower Upper
 99 100
 42 17.2 14.5 21.7
 71 29.4 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: 3.008 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

Instrument :

BNA_F

ClientSampled :

MW-A29

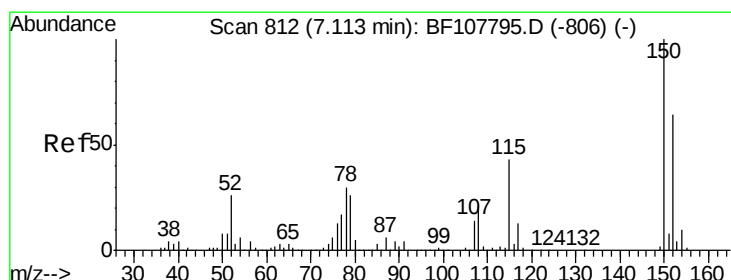
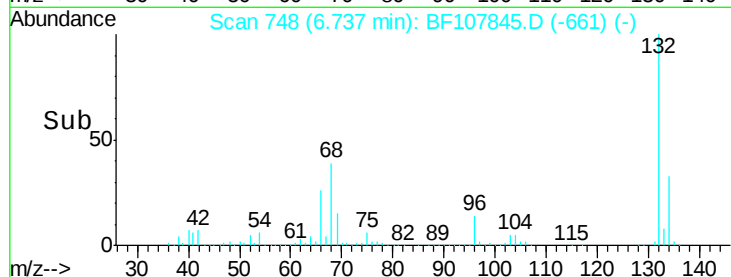
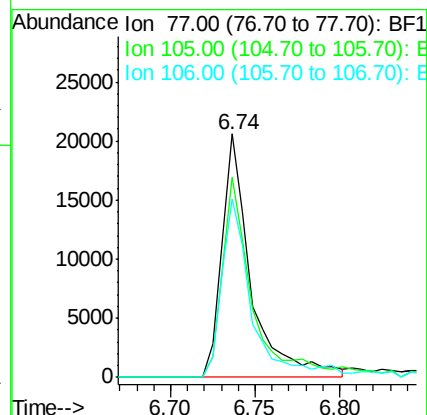
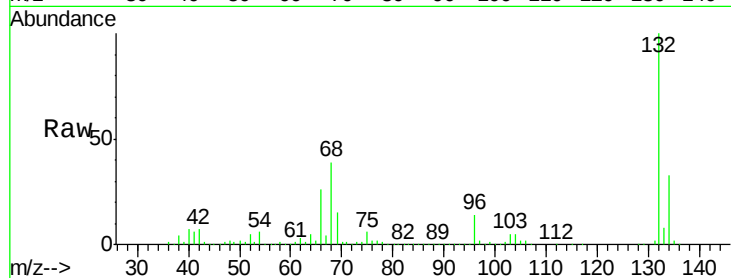
Tgt Ion: 77 Resp: 24987

Ion Ratio Lower Upper

77 100

105 82.0 81.1 121.1

106 73.0 74.5 114.5#



#15

Benzyl Alcohol

Concen: 2.022 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

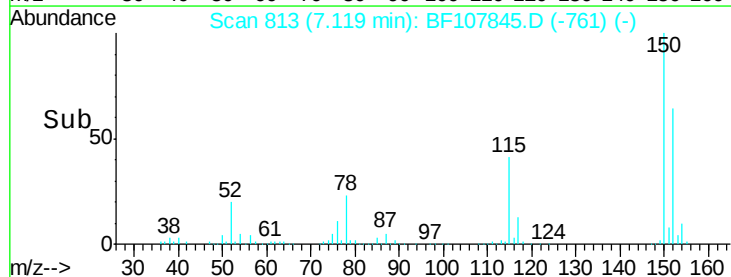
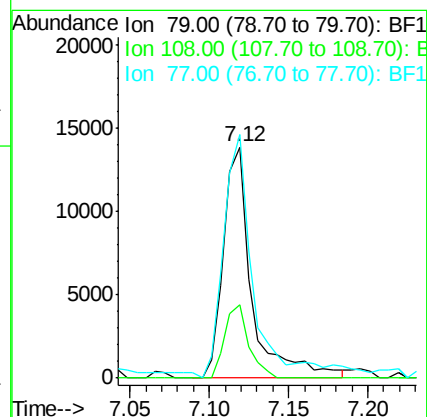
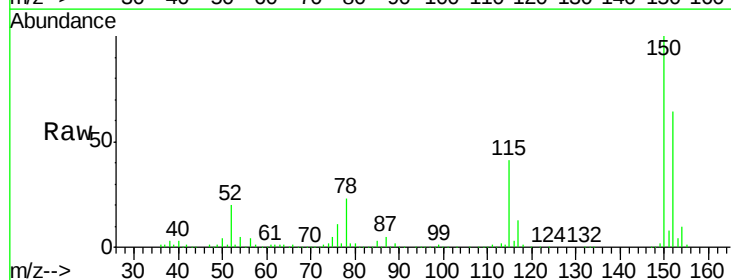
Tgt Ion: 79 Resp: 17300

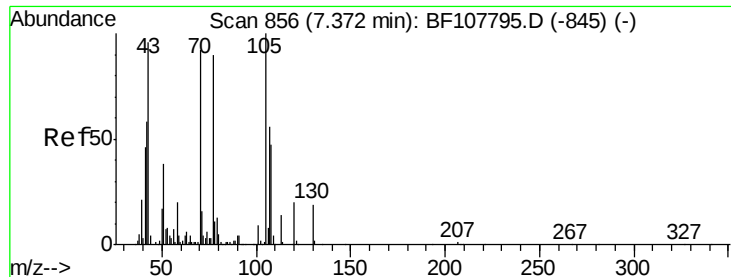
Ion Ratio Lower Upper

79 100

108 31.7 65.1 97.7#

77 105.3 50.6 75.8#

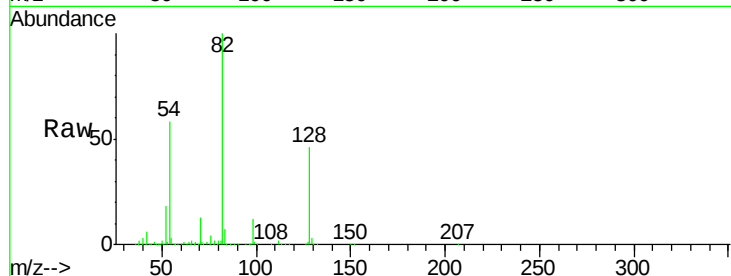




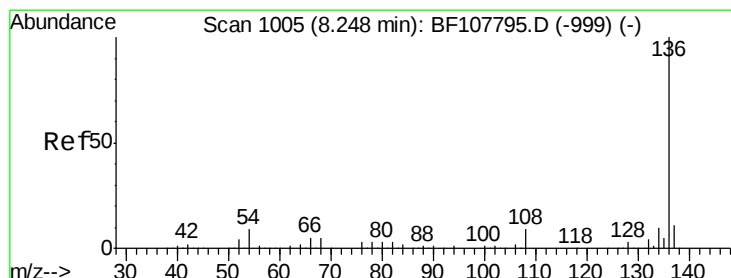
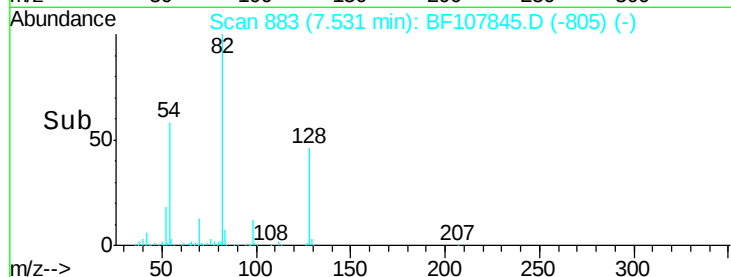
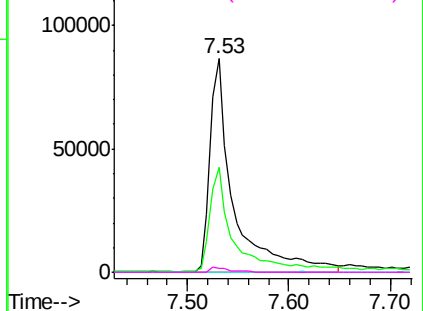
#19
n-Nitroso-di-n-propylamine
Concen: 16.219 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion: 70 Resp: 141661
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

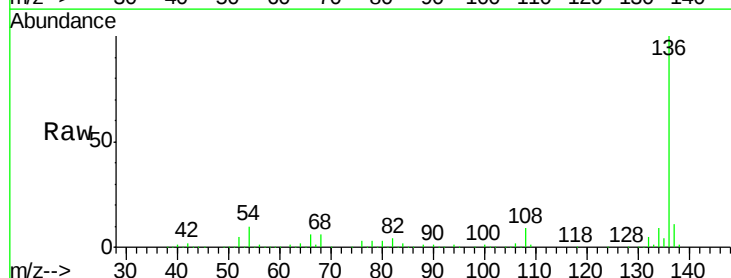


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

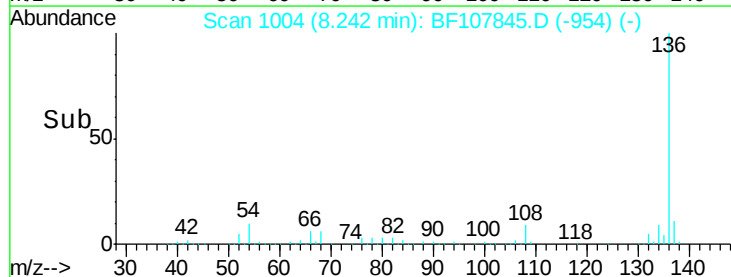
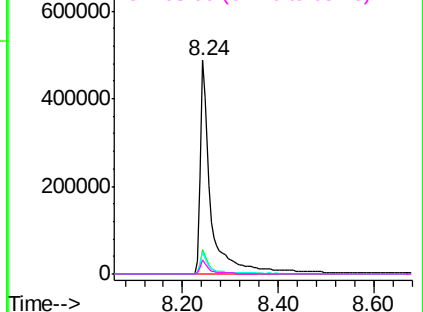


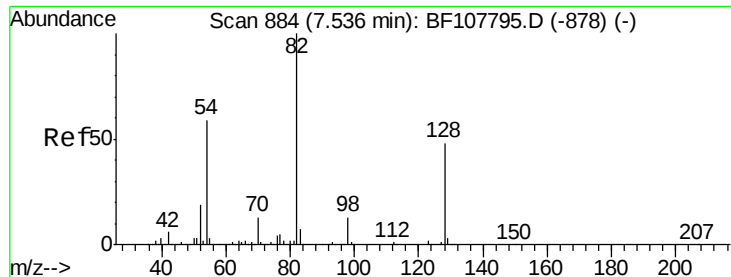
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 136 Resp: 773374
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.2 6.6 9.8#
68 6.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

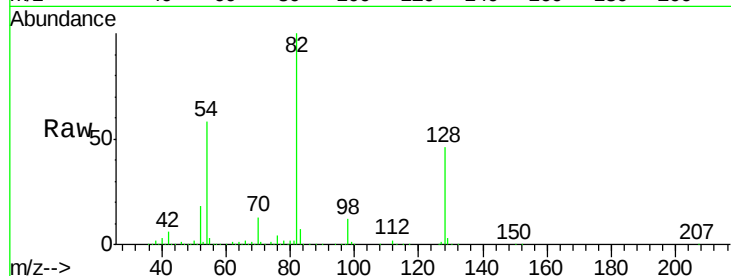




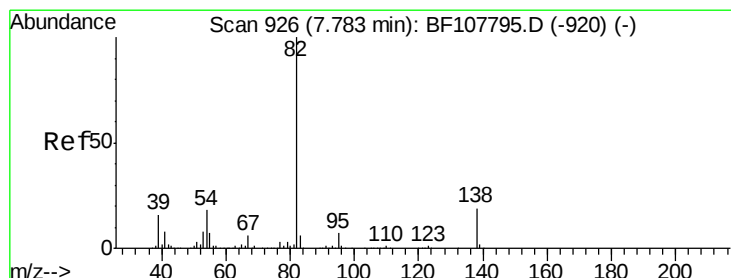
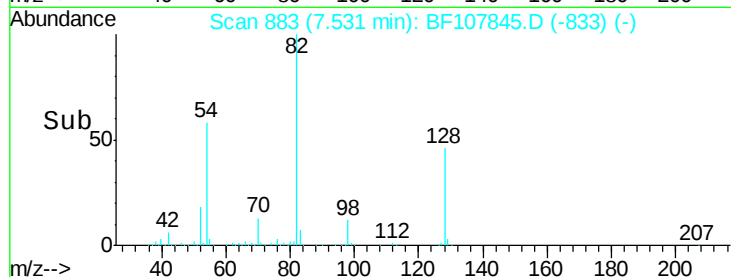
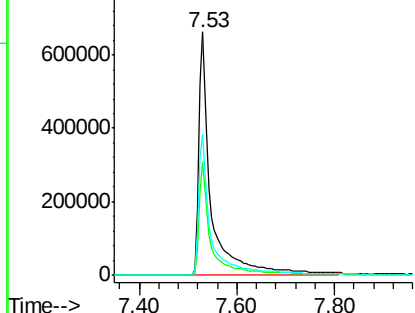
#23
Nitrobenzene-d5
Concen: 88.081 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion: 82 Resp: 1182418
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 58.0 41.4 62.2

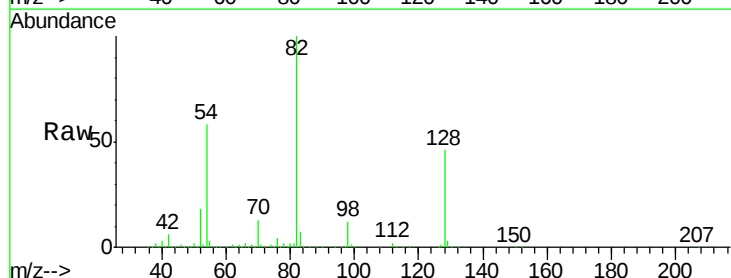


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

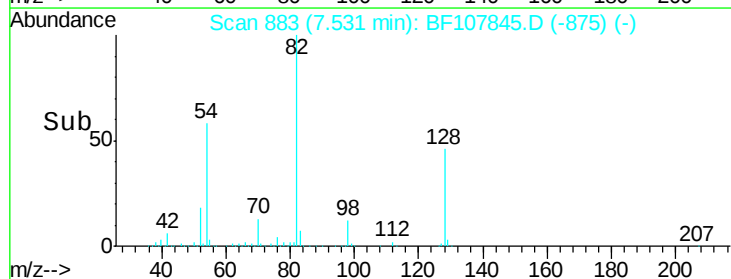
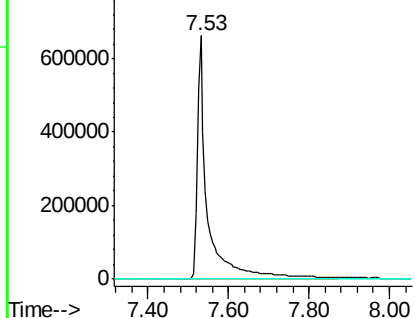


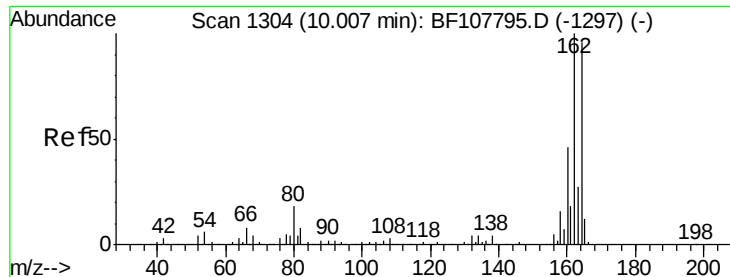
#25
Isophorone
Concen: 54.546 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion: 82 Resp: 1201966
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: BF107845.D

Acq: 31 Jul 2018 11:56

Instrument :

BNA_F

ClientSampleId :

MW-A29

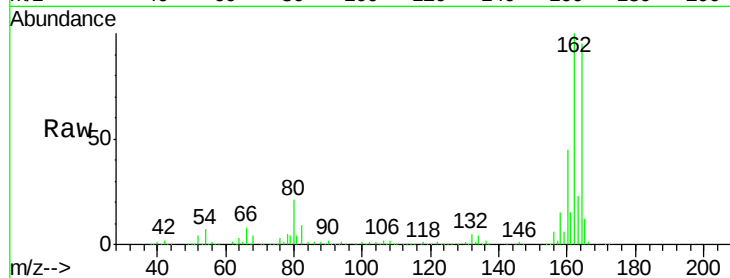
Tgt Ion:164 Resp: 330082

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

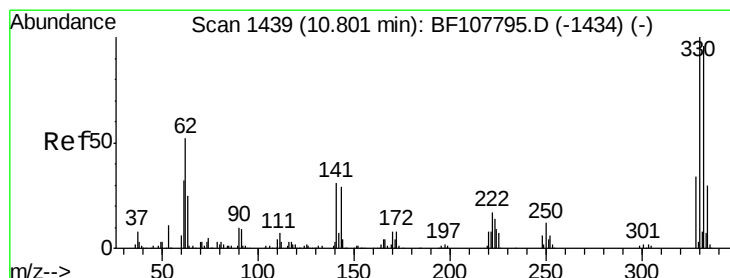
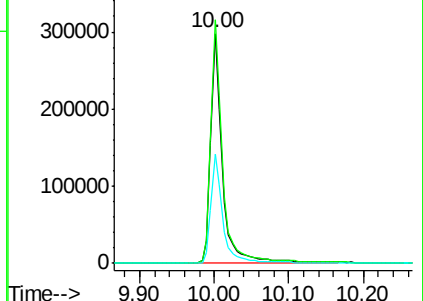
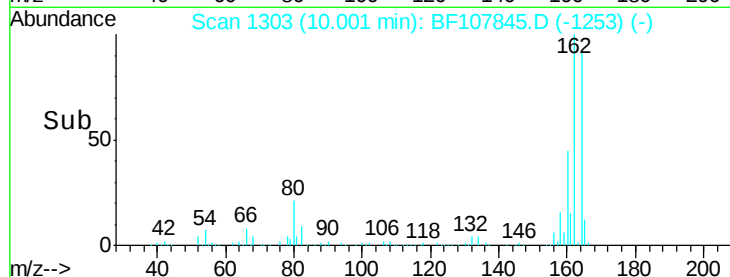
160 47.3 38.3 57.5



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: 109.876 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

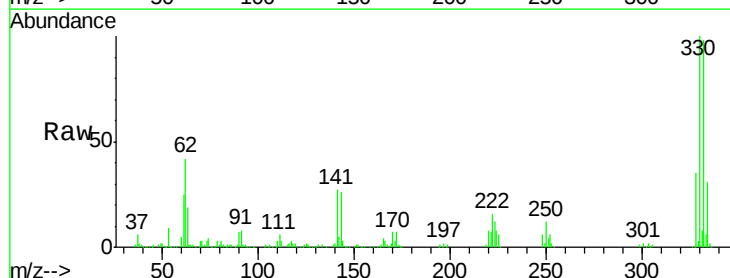
Tgt Ion:330 Resp: 492811

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.6

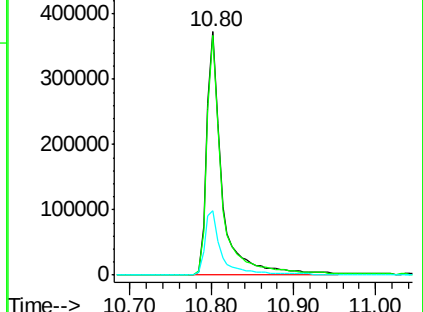
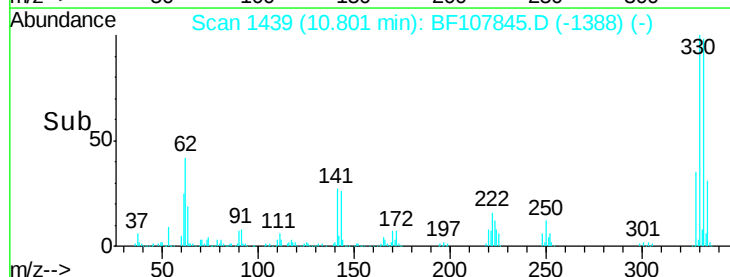
141 29.6 29.9 44.9#

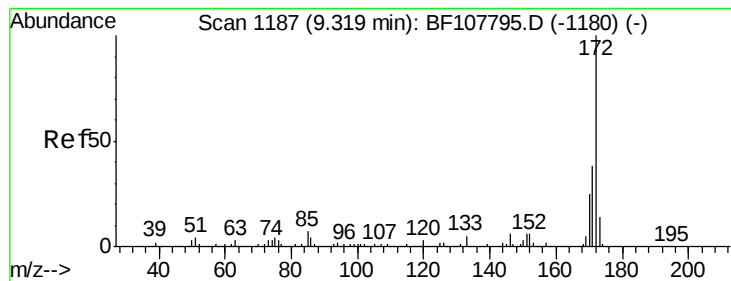


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

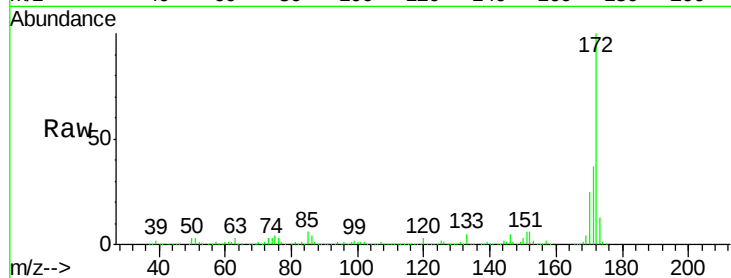




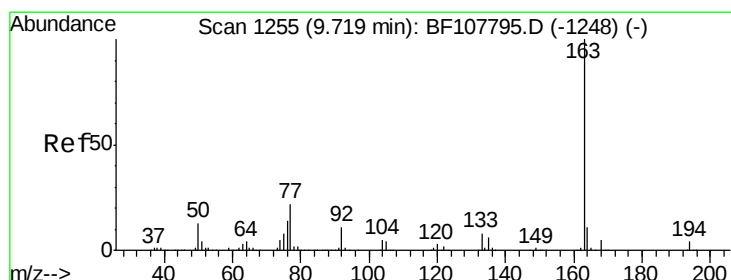
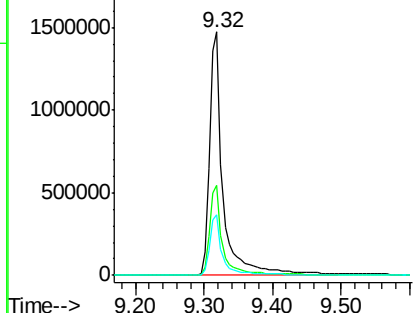
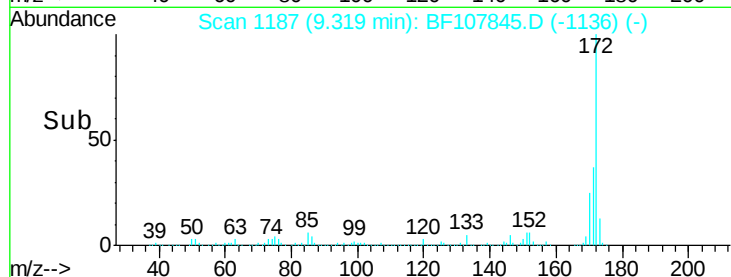
#44
2-Fluorobiphenyl
Concen: 86.409 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:172 Resp: 2046816
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.9 19.6 29.4

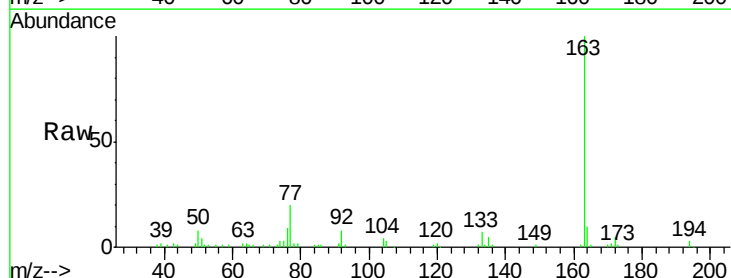


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

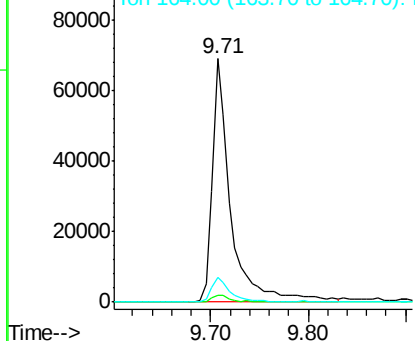
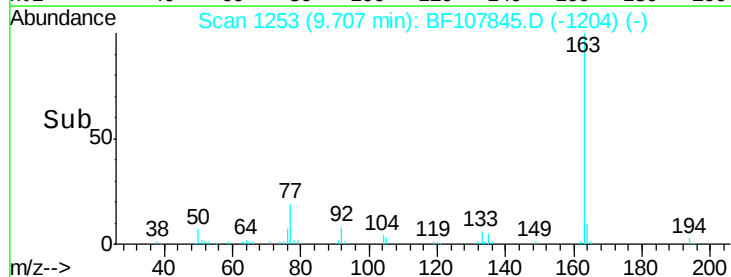


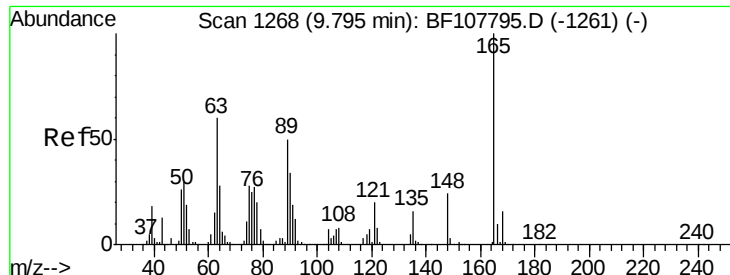
#49
Dimethylphthalate
Concen: 3.651 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:163 Resp: 90494
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.1 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

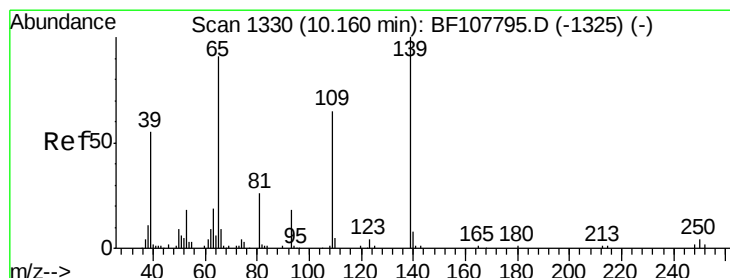
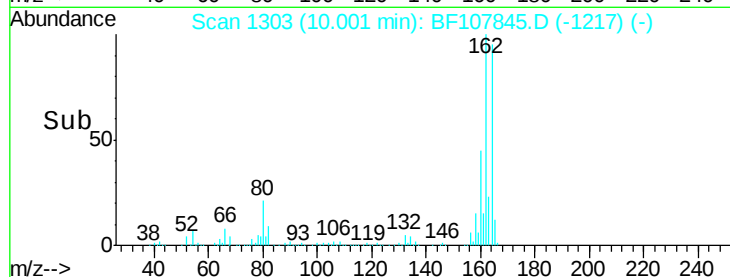
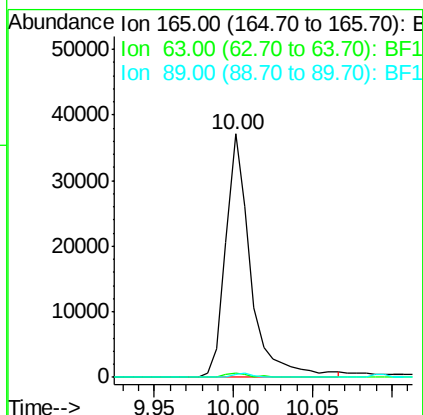
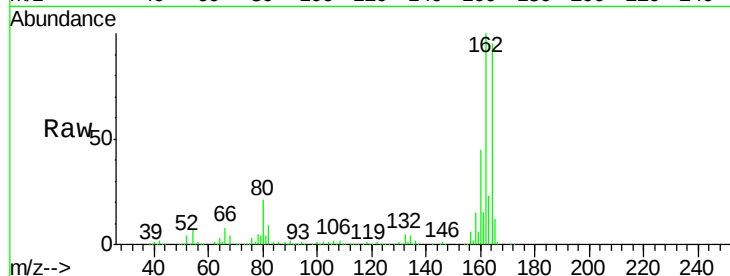




#50
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

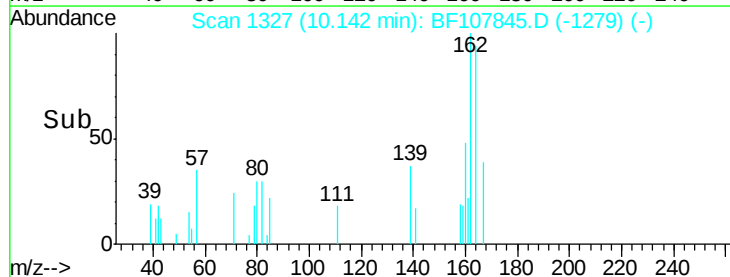
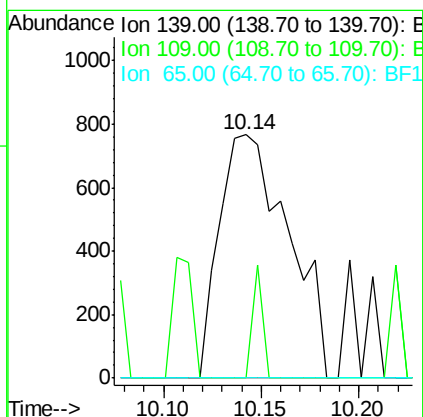
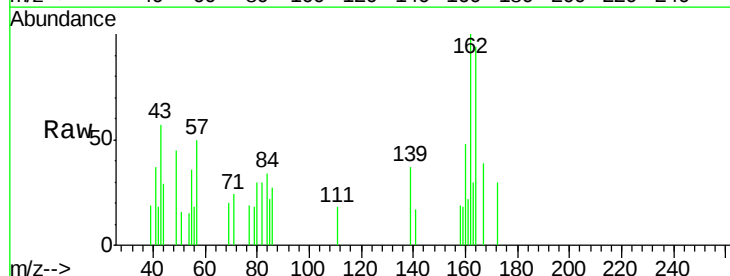
Instrument :
BNA_F
ClientSampleId :
MW-A29

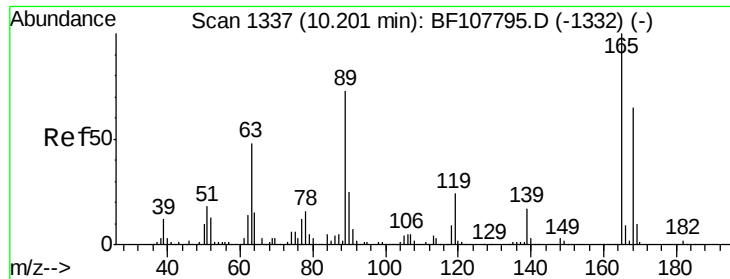
Tgt Ion:165 Resp: 40592
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.4 44.0 66.0#



#55
4-Nitrophenol
Concen: 9.833 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:139 Resp: 1882
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

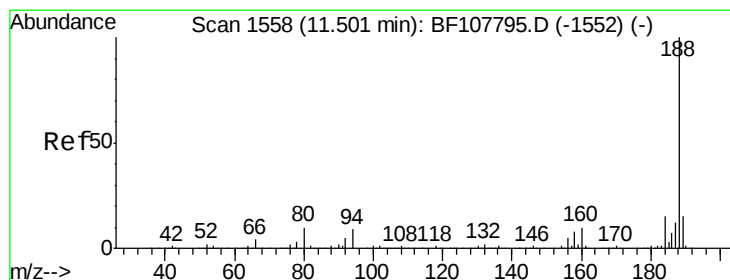
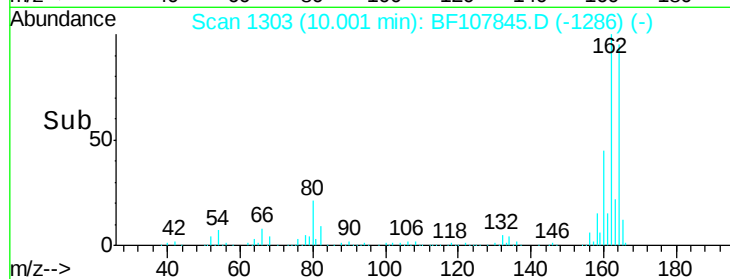
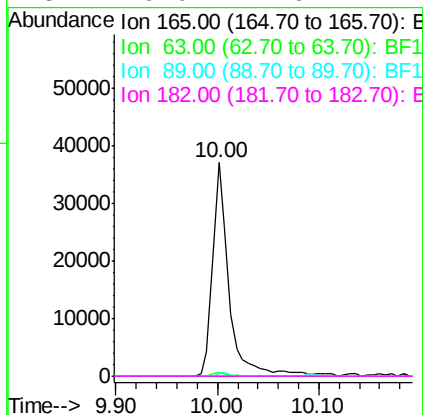
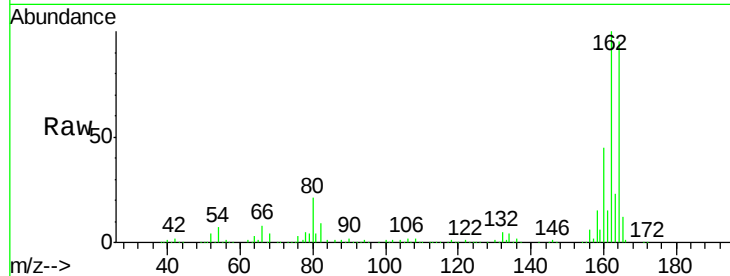




#56
 2,4-Dinitrotoluene
 Concen: 5.952 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

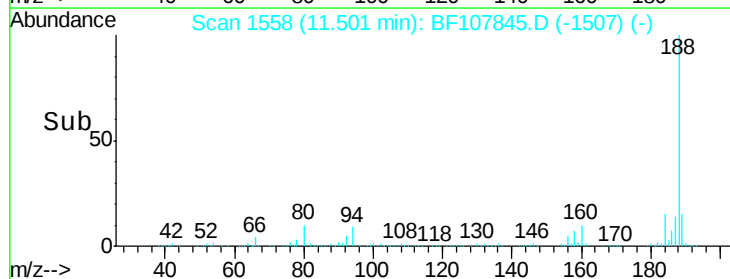
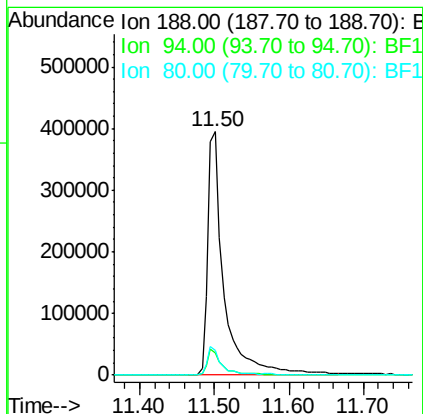
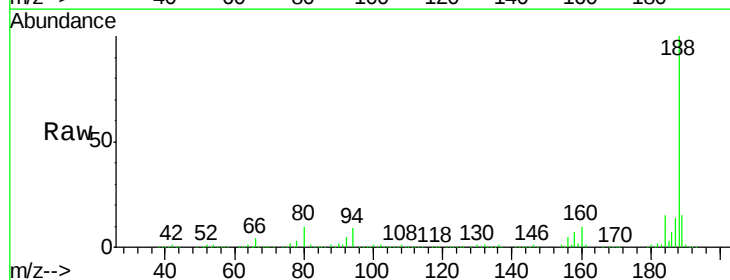
Instrument :
 BNA_F
 ClientSampleId :
 MW-A29

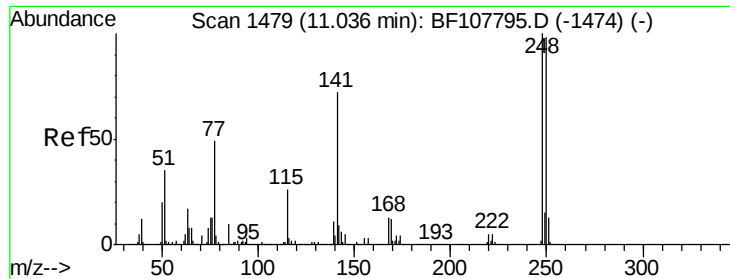
Tgt Ion:165 Resp: 42146
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF107845.D
 Acq: 31 Jul 2018 11:56

Tgt Ion:188 Resp: 599391
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.1 9.2 13.8

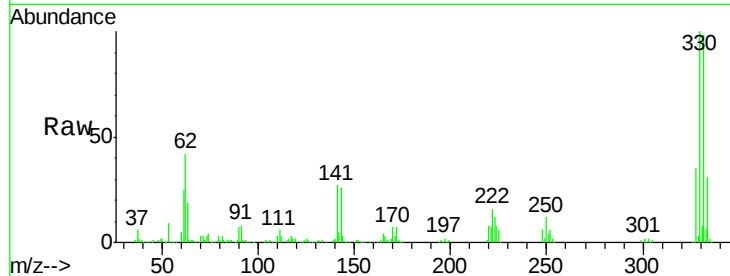




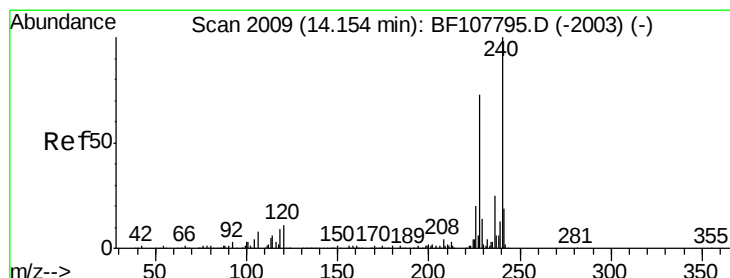
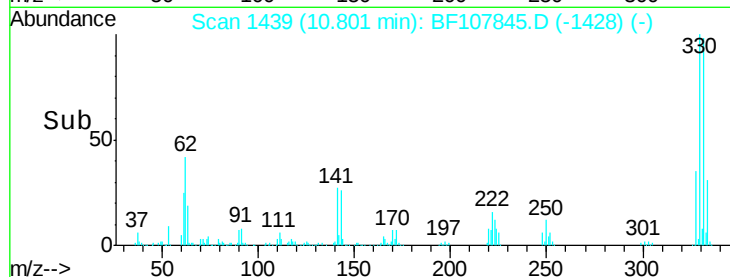
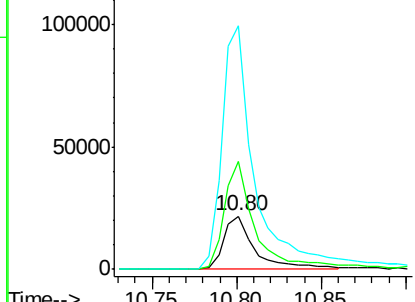
#66
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Instrument :
BNA_F
ClientSampleId :
MW-A29

Tgt Ion:248 Resp: 27996
Ion Ratio Lower Upper
248 100
250 202.0 76.9 115.3#
141 456.0 74.4 111.6#

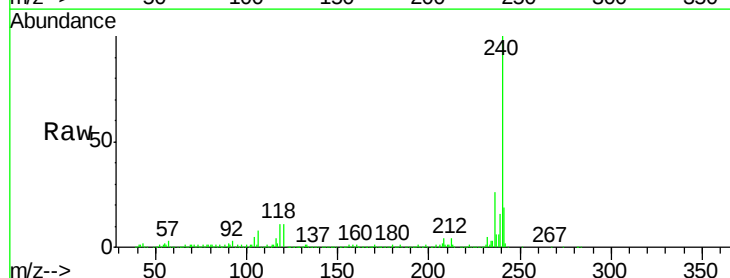


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

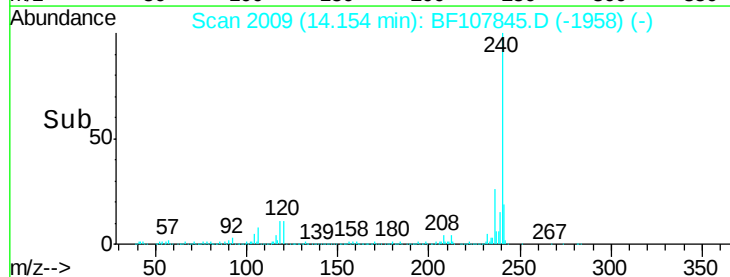
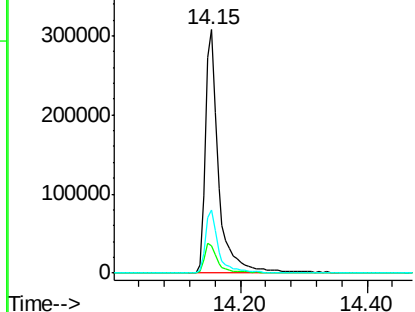


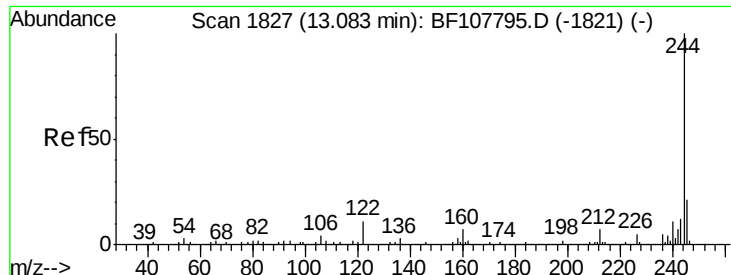
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107845.D
Acq: 31 Jul 2018 11:56

Tgt Ion:240 Resp: 447889
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.0 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: 82.515 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107845.D

Acq: 31 Jul 2018 11:56

Instrument :

BNA_F

ClientSampleId :

MW-A29

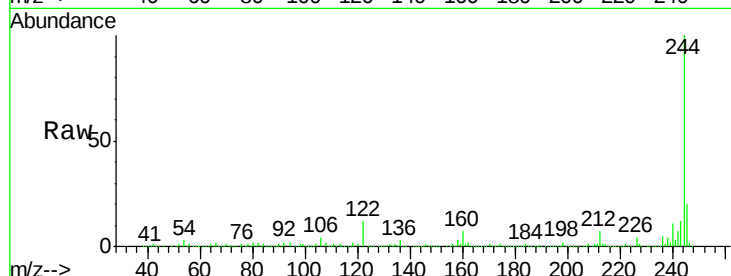
Tgt Ion:244 Resp: 1704338

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

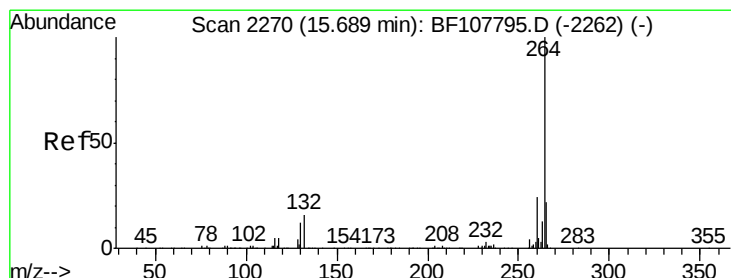
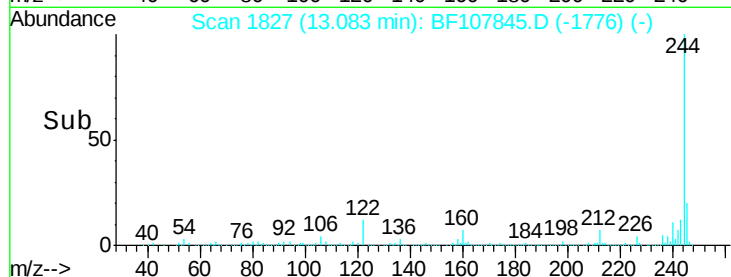
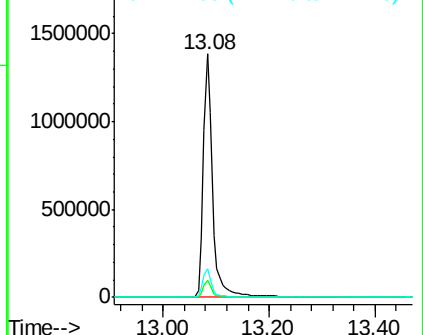
122 11.7 11.0 16.4



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: BF107845.D

Acq: 31 Jul 2018 11:56

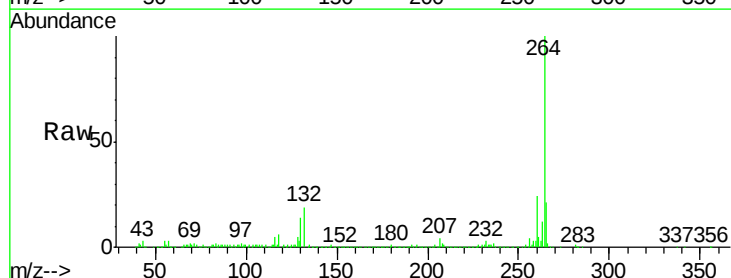
Tgt Ion:264 Resp: 426580

Ion Ratio Lower Upper

264 100

260 24.2 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

