

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107833.D
 Acq On : 31 Jul 2018 6:38
 Operator : JU/SJ
 Sample : J4200-01 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 07:59:53 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

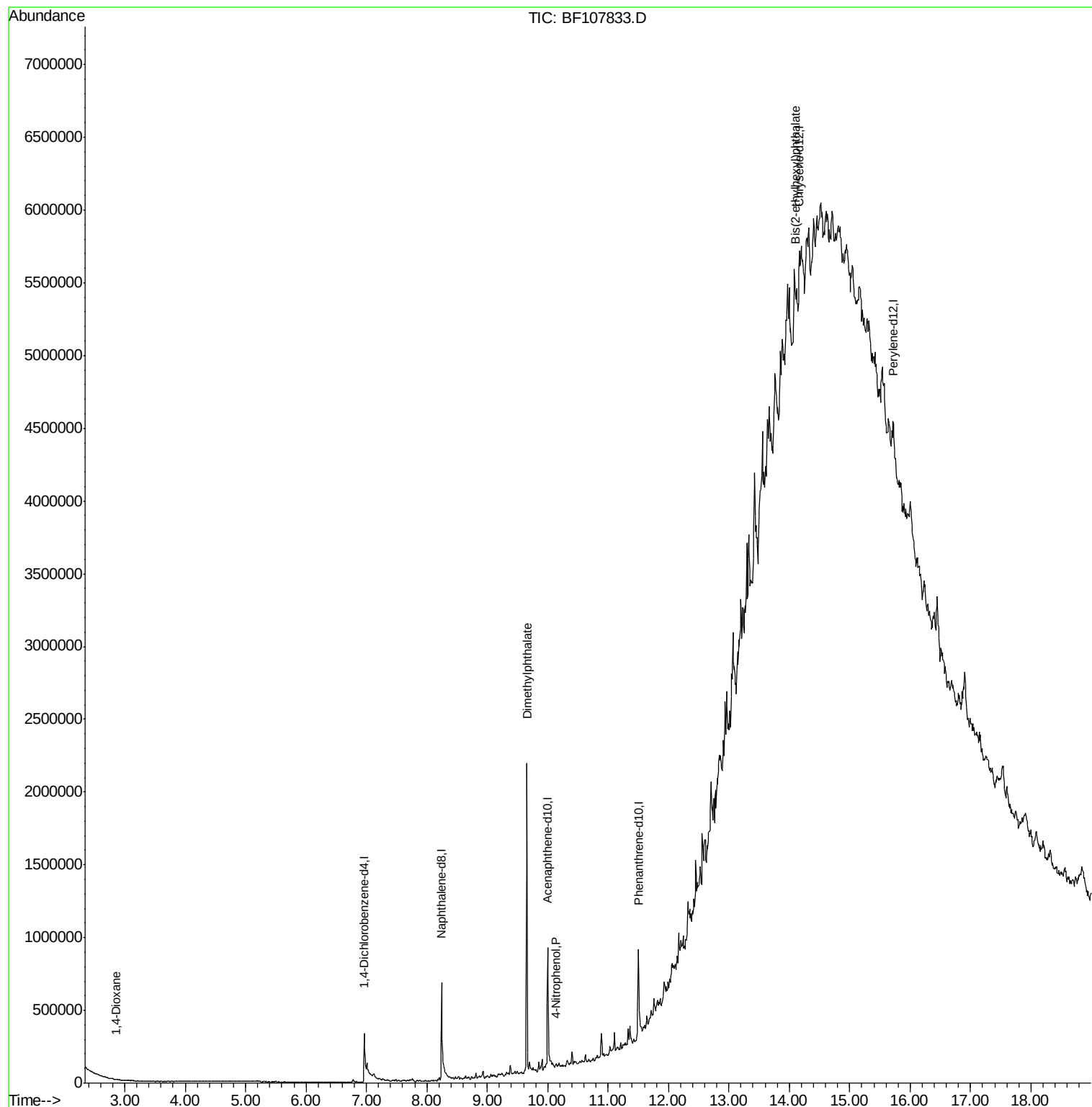
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	110354	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	571784	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	209171	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	390656	20.00	ng	0.00
75) Chrysene-d12	14.17	240	264177	20.00	ng	0.01
86) Perylene-d12	15.72	264	211195	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	247	0.04	ng	0.09
7) Phenol-d6	6.71	99	3382	0.40	ng	0.11
23) Nitrobenzene-d5	7.58	82	2081	0.21	ng	0.04
41) 2,4,6-Tribromophenol	10.81	330	2647	0.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	20396	1.36	ng	0.00
78) Terphenyl-d14	13.08	244	21656	1.78	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.85	88	521	5.944	ng	# 38
49) Dimethylphthalate	9.65	163	82566	5.256	ng	# 94
55) 4-Nitrophenol	10.14	139	903	9.707	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	25795	2.463	ng	# 82

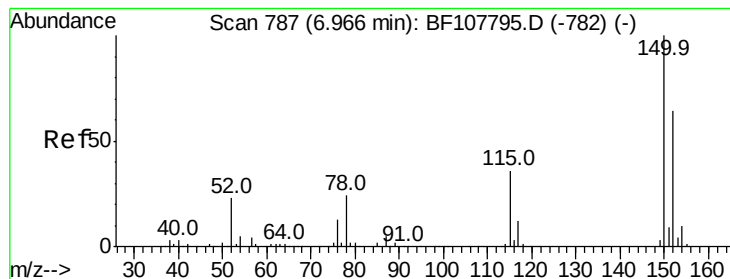
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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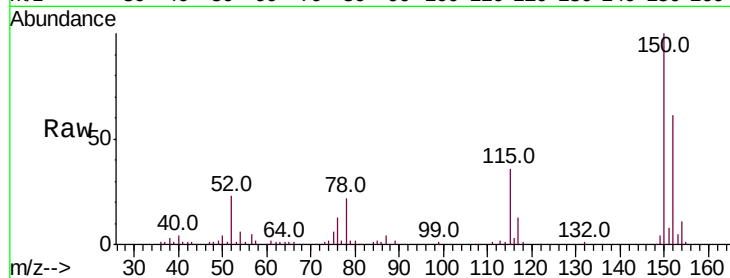


#1

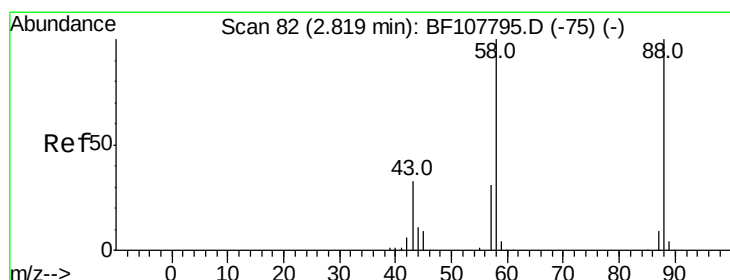
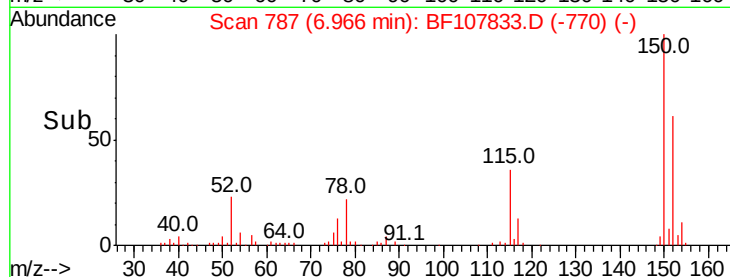
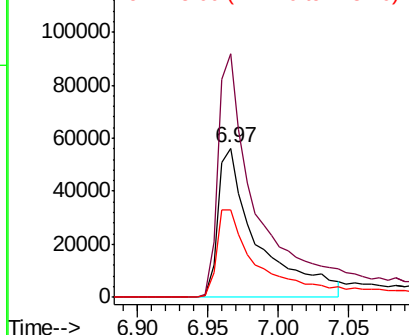
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110354
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 58.3 50.1 75.1



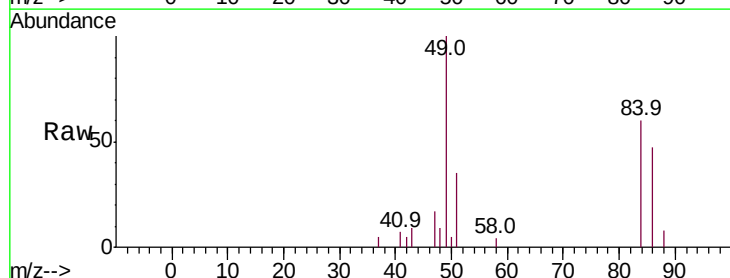
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



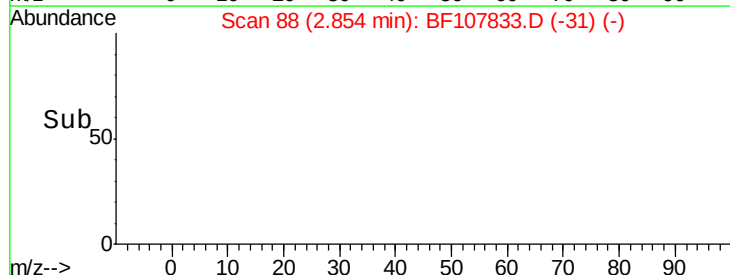
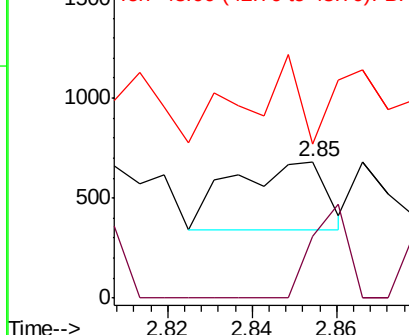
#2

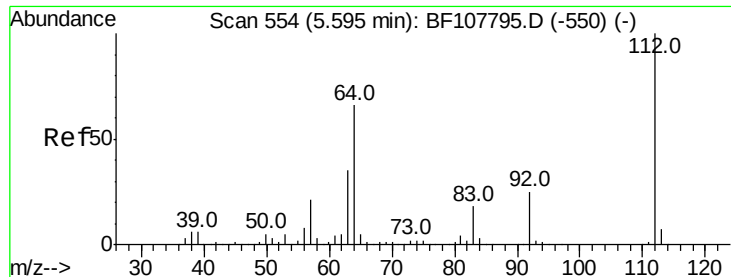
1,4-Dioxane
Concen: 5.944 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Tgt Ion: 88 Resp: 521
Ion Ratio Lower Upper
88 100
58 52.8 62.6 93.8#
43 111.3 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: 0.038 ng

RT: 5.69 min Scan# 570

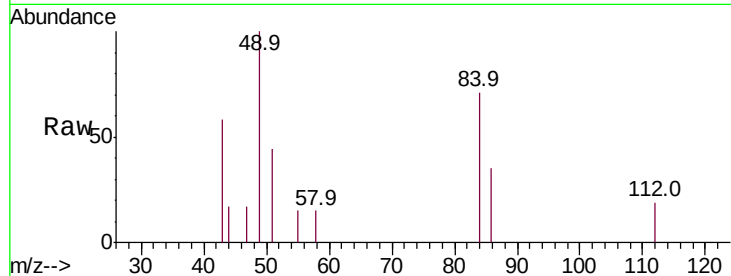
Delta R.T. 0.09 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

Instrument :
BNA_F
ClientSampled :

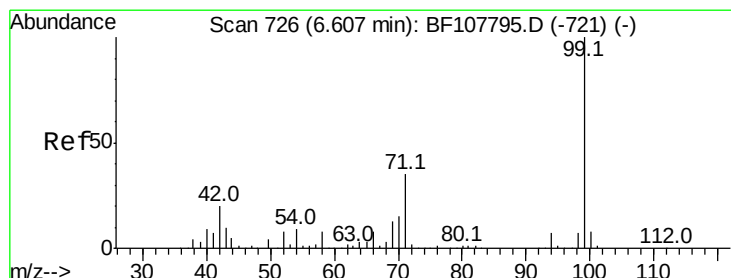
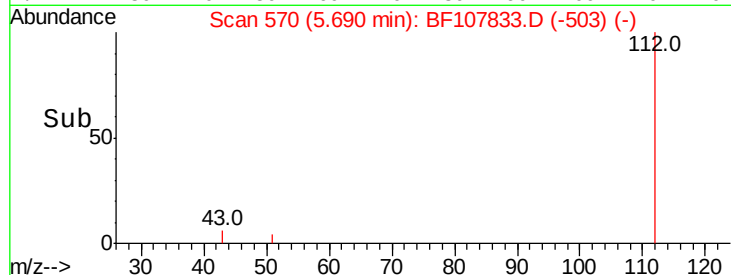
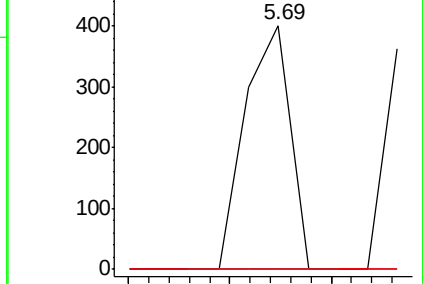
Tot Ion:	112	Resp:	247
Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



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: 0.395 ng

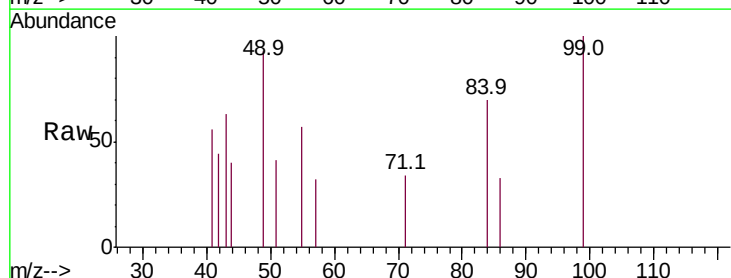
RT: 6.71 min Scan# 744

Delta R.T. 0.11 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

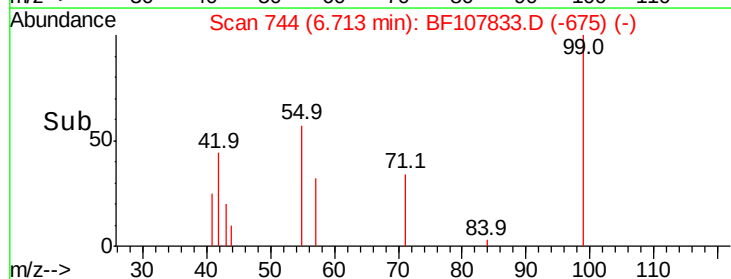
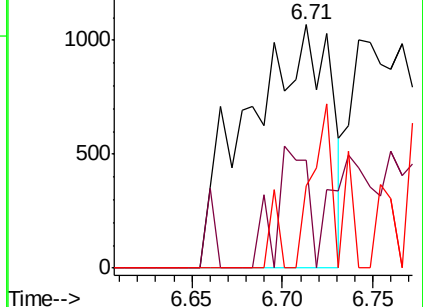
Tgt Ion:	99	Resp:	3382
Ion	Ratio	Lower	Upper
99	100		
42	44.4	14.5	21.7#
71	34.0	25.4	38.0

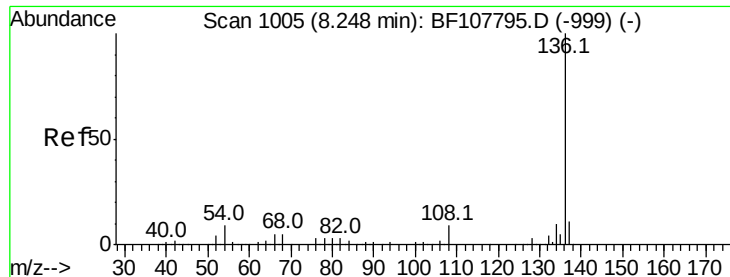


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

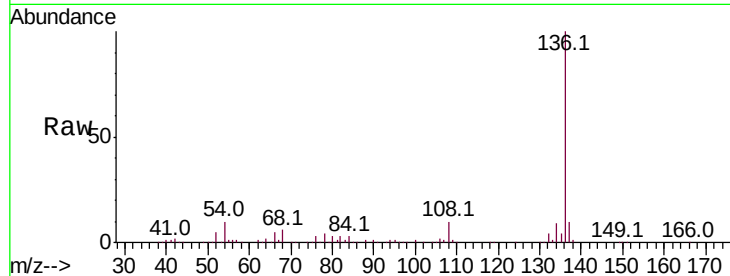




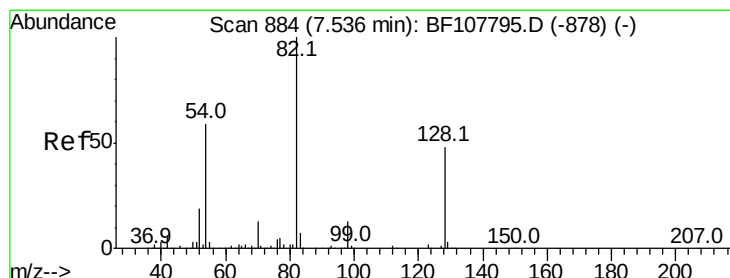
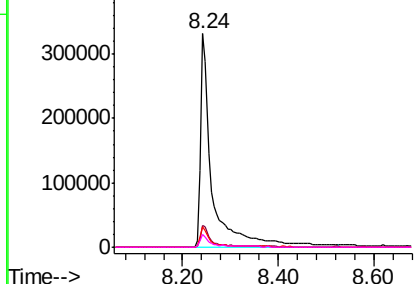
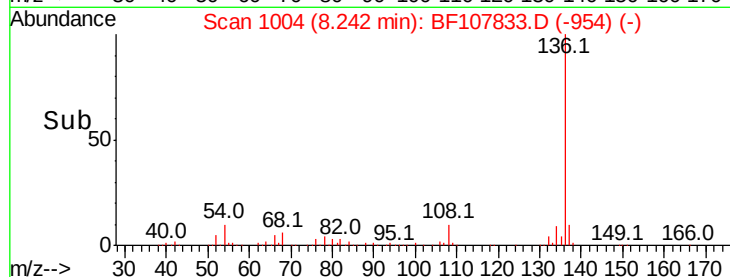
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	571784
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	9.8	6.6	9.8
68	6.3	5.0	7.4

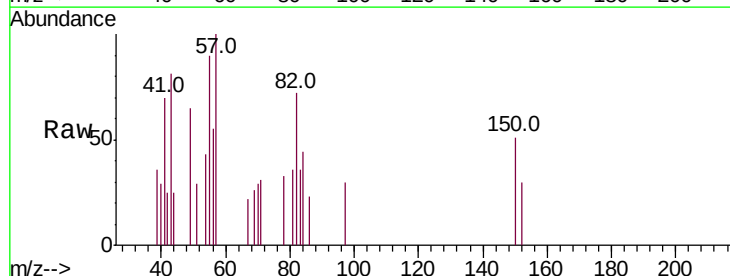


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

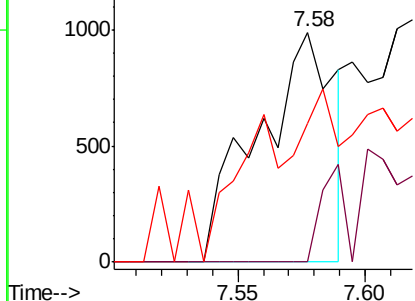
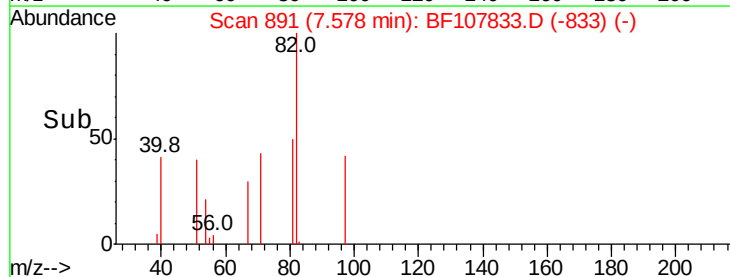


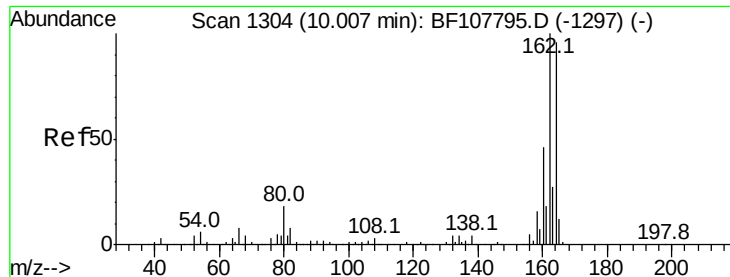
#23
Nitrobenzene-d5
Concen: 0.210 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.04 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Tgt Ion:	82	Resp:	2081
Ion	Ratio	Lower	Upper
82	100		
128	0.0	36.1	54.1#
54	60.2	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

Instrument :

BNA_F

ClientSampleId :

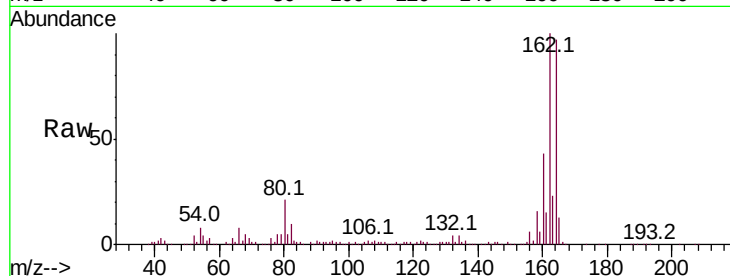
Tot Ion:164 Resp: 209171

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

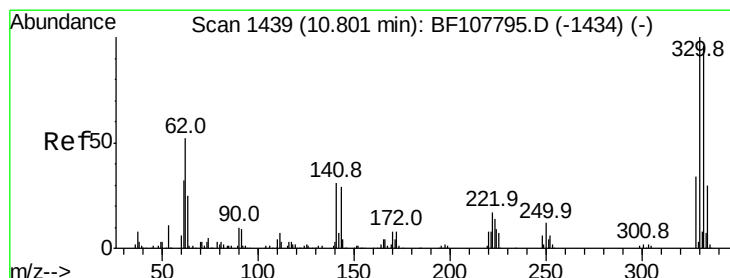
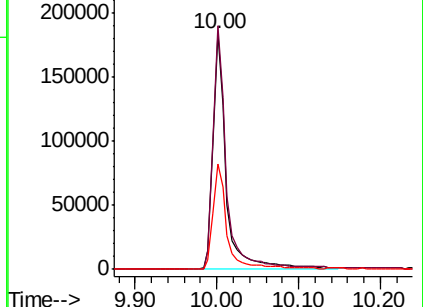
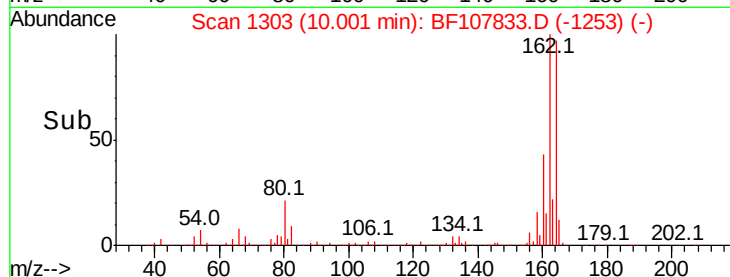
160 44.6 38.3 57.5



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: 0.931 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

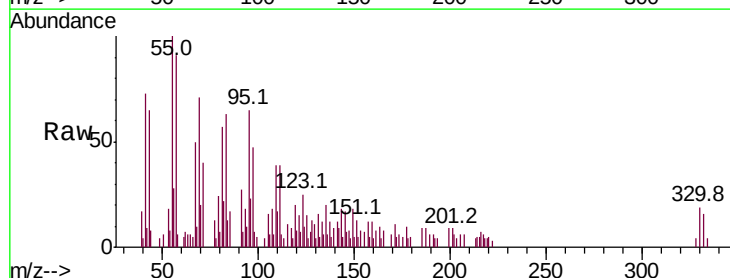
Tgt Ion:330 Resp: 2647

Ion Ratio Lower Upper

330 100

332 86.5 77.0 115.6

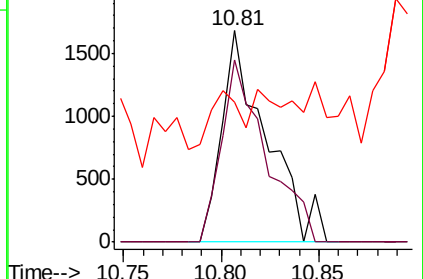
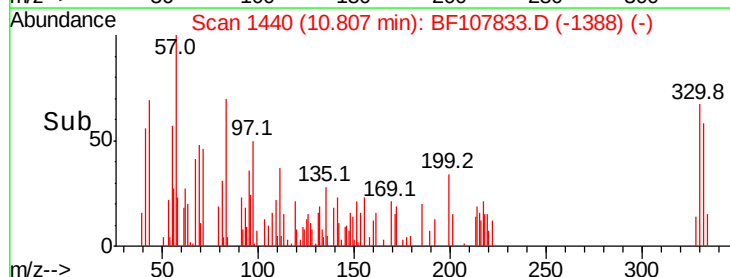
141 18.0 29.9 44.9#

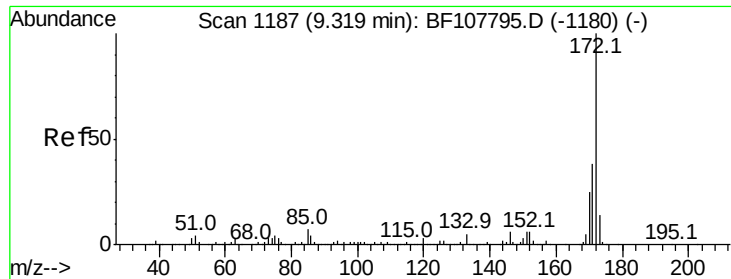


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

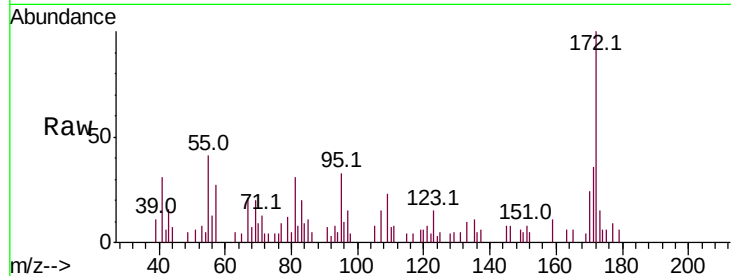




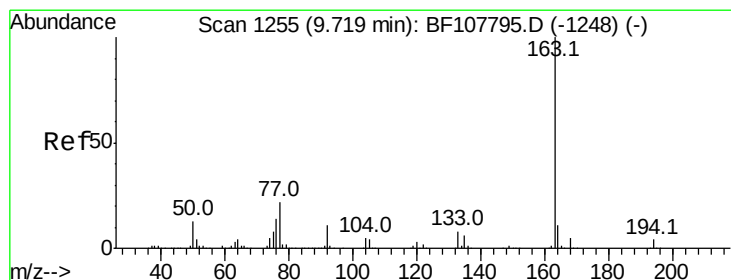
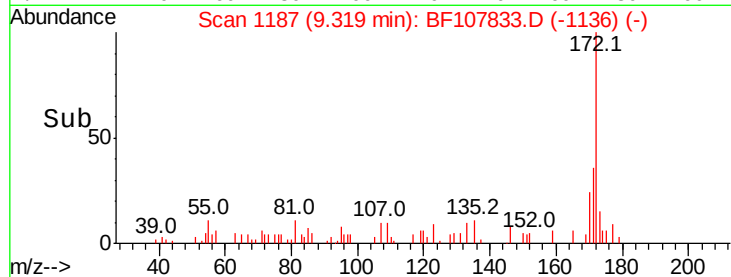
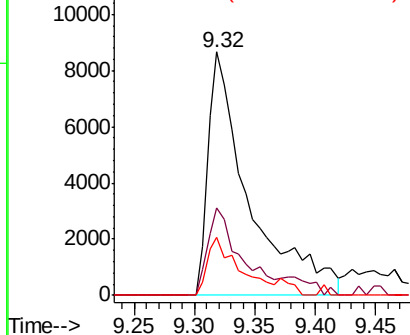
#44
2-Fluorobiphenyl
Concen: 1.359 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 20396
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.9 19.6 29.4

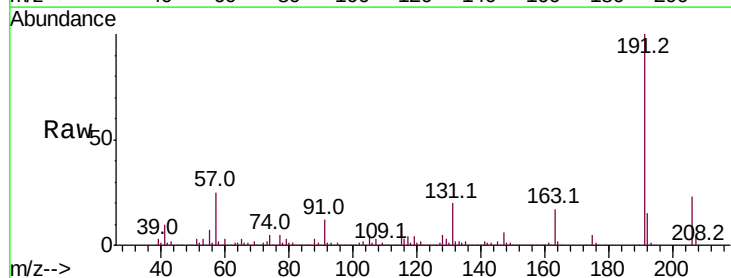


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

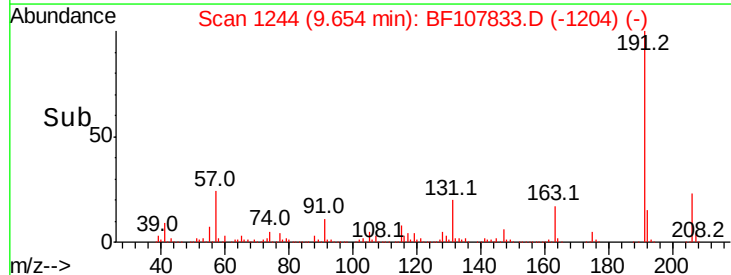
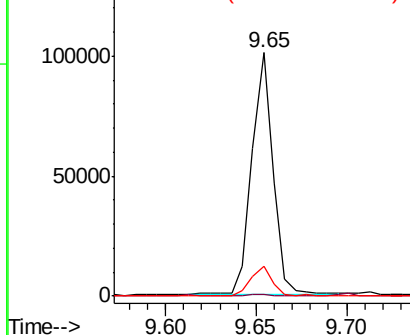


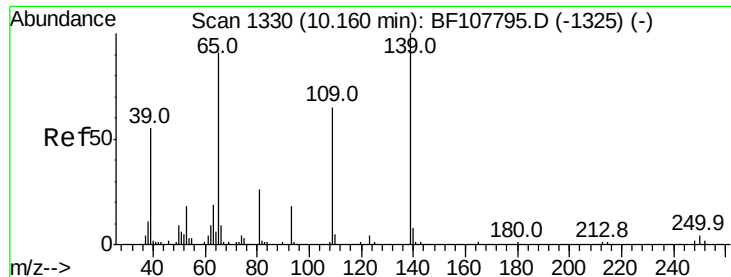
#49
Dimethylphthalate
Concen: 5.256 ng
RT: 9.65 min Scan# 1244
Delta R.T. -0.06 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Tgt Ion:163 Resp: 82566
Ion Ratio Lower Upper
163 100
194 0.7 2.7 4.1#
164 12.0 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

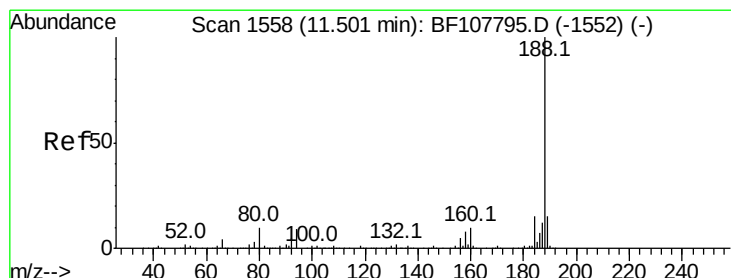
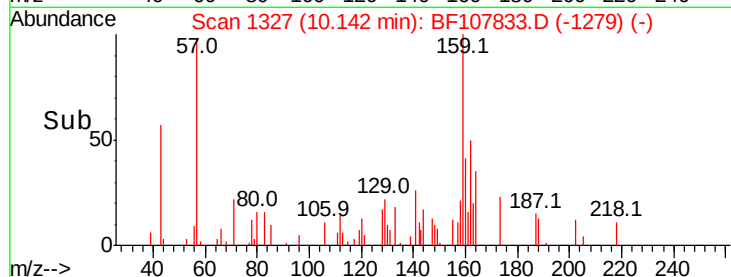
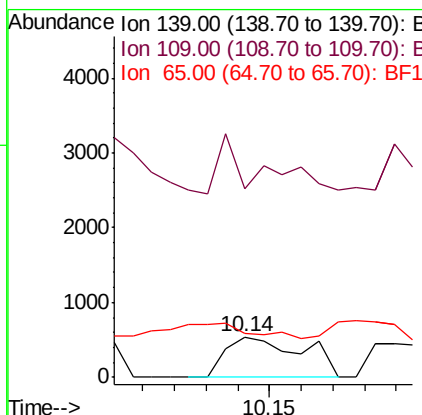
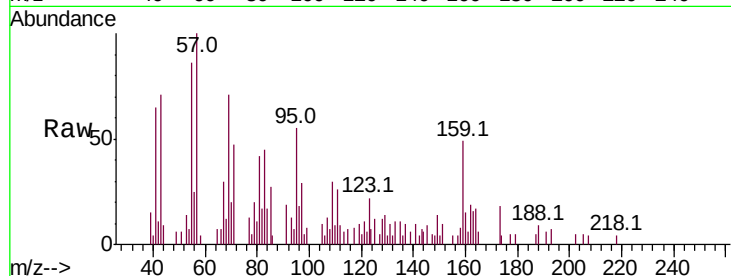




#55
4-Nitrophenol
Concen: 9.707 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

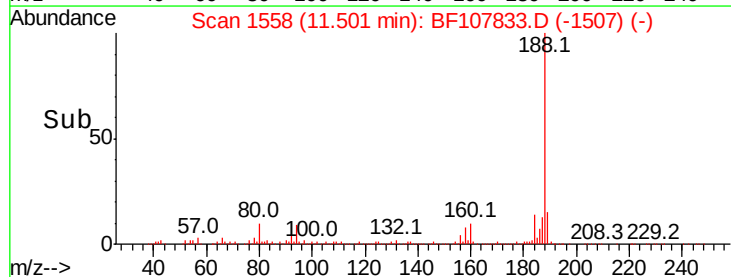
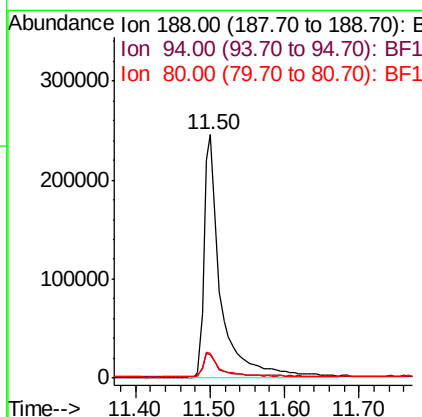
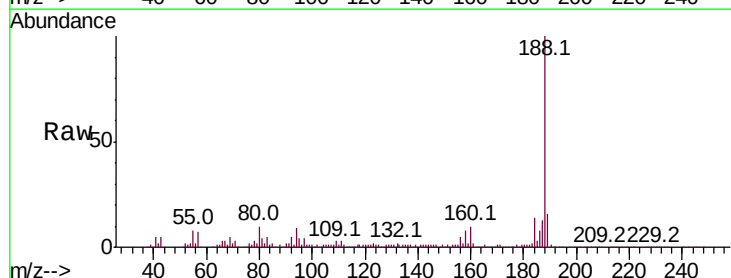
Instrument :
BNA_F
ClientSampleId :

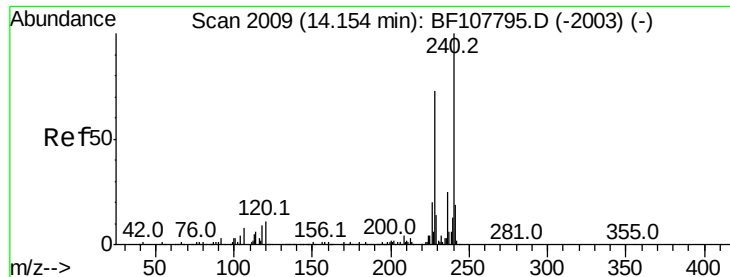
Tot Ion:139 Resp: 903
Ion Ratio Lower Upper
139 100
109 466.7 48.4 88.4#
65 107.6 72.6 112.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107833.D
Acq: 31 Jul 2018 6:38

Tgt Ion:188 Resp: 390656
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

Instrument :

BNA_F

ClientSampleId :

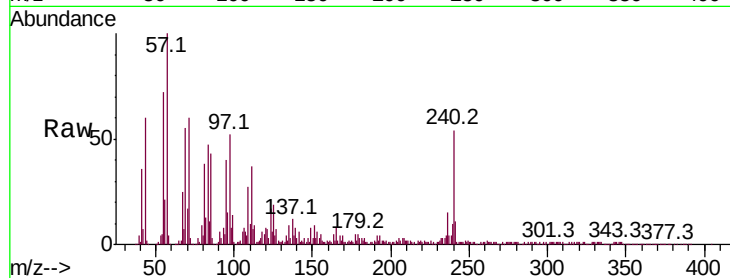
Tot Ion:240 Resp: 264177

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

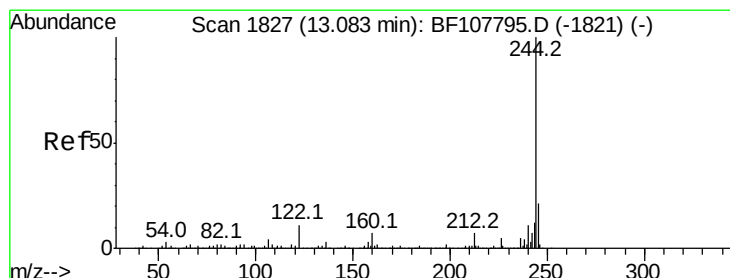
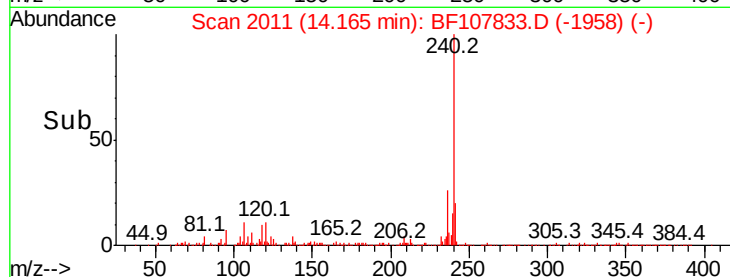
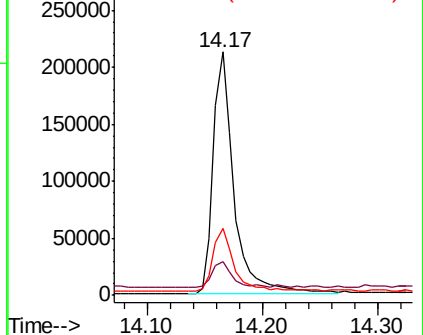
236 27.5 20.7 31.1



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: 1.778 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

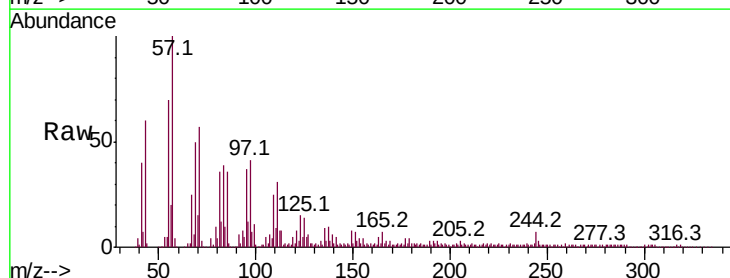
Tgt Ion:244 Resp: 21656

Ion Ratio Lower Upper

244 100

212 15.8 5.4 8.0#

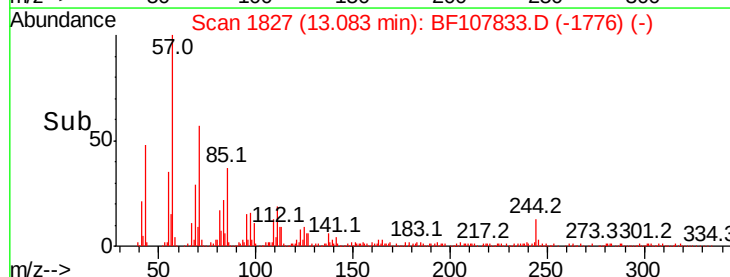
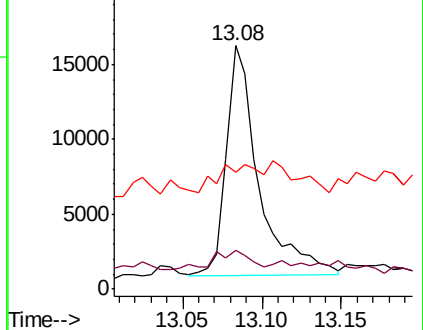
122 48.0 11.0 16.4#

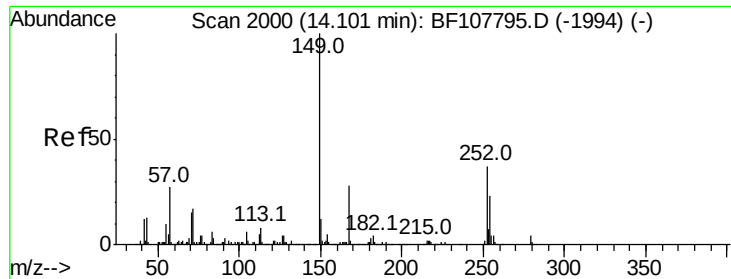


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.463 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

Instrument :

BNA_F

ClientSampled :

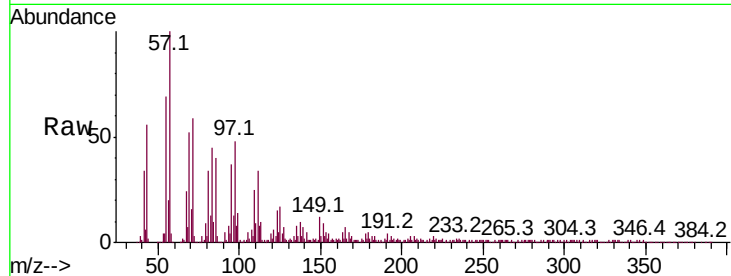
Tot Ion:149 Resp: 25795

Ion Ratio Lower Upper

149 100

167 36.5 21.3 31.9#

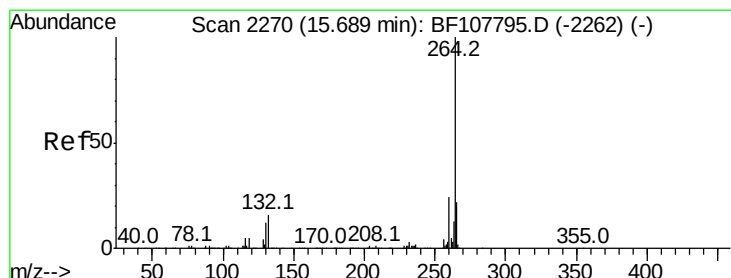
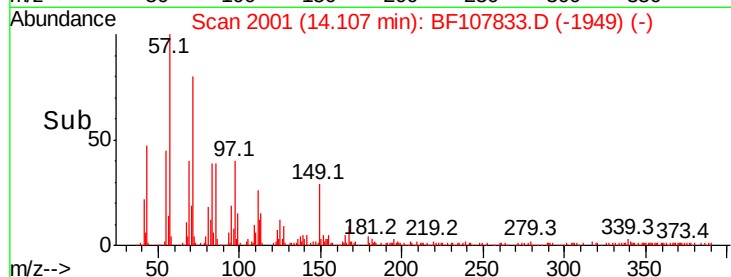
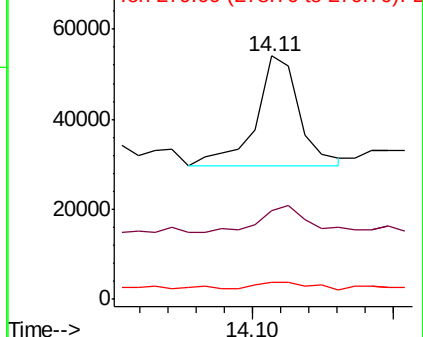
279 7.0 3.0 4.4#



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: 15.72 min Scan# 2276

Delta R.T. 0.04 min

Lab File: BF107833.D

Acq: 31 Jul 2018 6:38

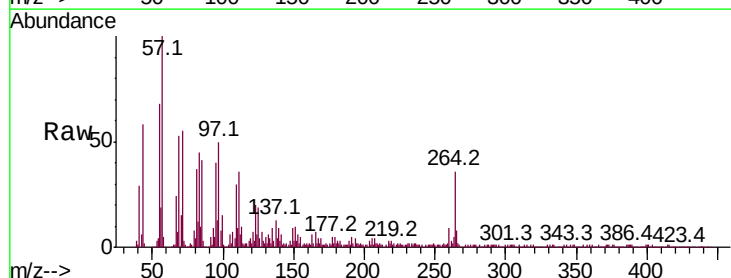
Tgt Ion:264 Resp: 211195

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.5 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

