

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107899.D
 Acq On : 1 Aug 2018 19:50
 Operator : JU/SJ
 Sample : J4256-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Aug 02 00:08:31 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

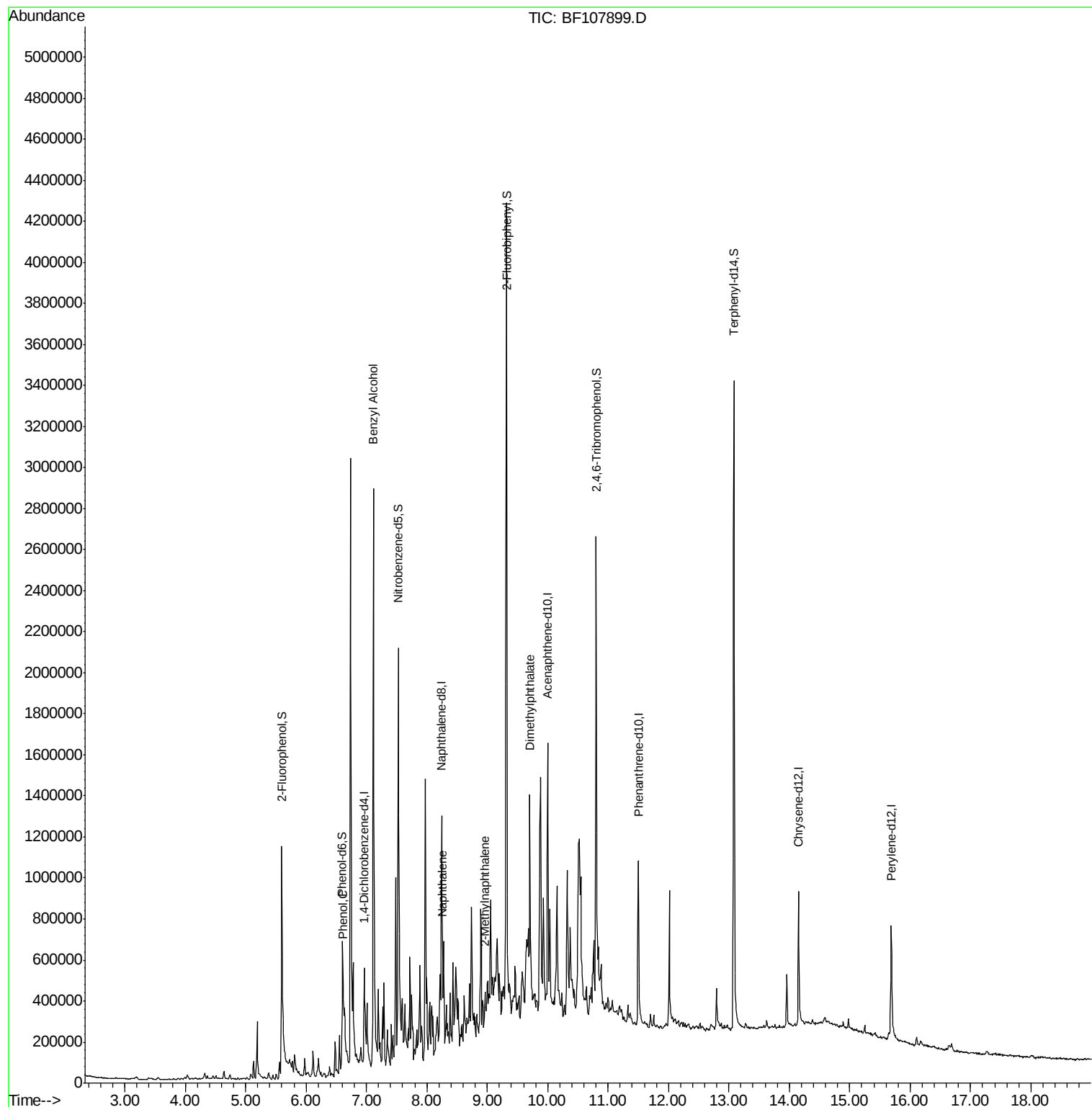
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142058	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	584524	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	236477	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	454350	20.00	ng	0.00
75) Chrysene-d12	14.15	240	354347	20.00	ng	0.00
86) Perylene-d12	15.69	264	376825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	606345	72.54	ng	0.00
7) Phenol-d6	6.60	99	535162	48.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	971556	95.76	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	436419	135.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1779805	104.88	ng	0.00
78) Terphenyl-d14	13.08	244	1378560	84.36	ng	0.00
Target Compounds						
10) Phenol	6.62	94	38800	2.953	ng	# 51
15) Benzyl Alcohol	7.11	79	15365	2.244	ng	# 41
31) Naphthalene	8.27	128	67518	2.485	ng	# 90
37) 2-Methylnaphthalene	8.95	142	84435	4.947	ng	# 99
49) Dimethylphthalate	9.71	163	332033	18.696	ng	# 85

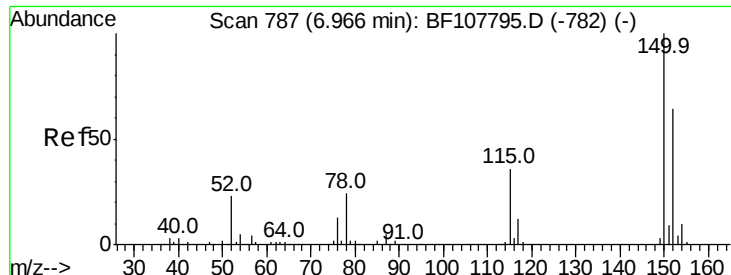
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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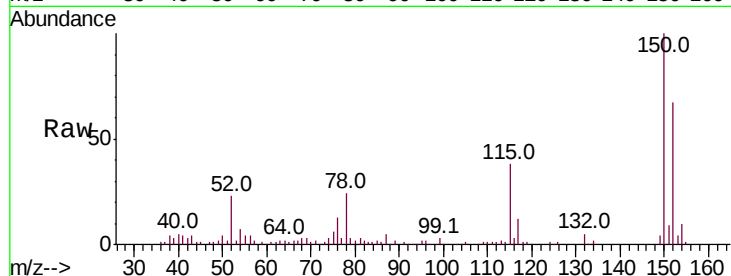


#1

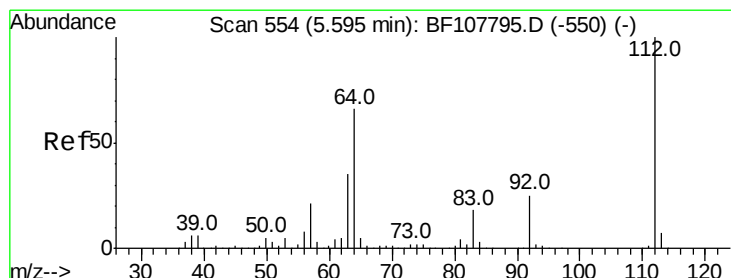
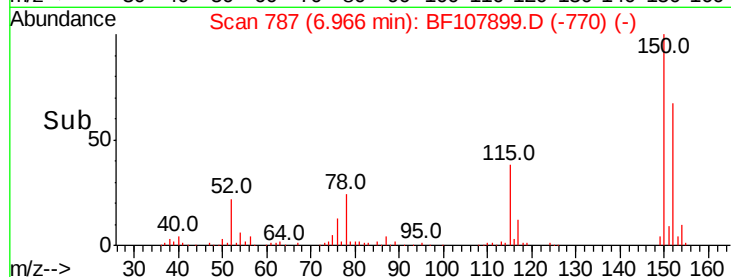
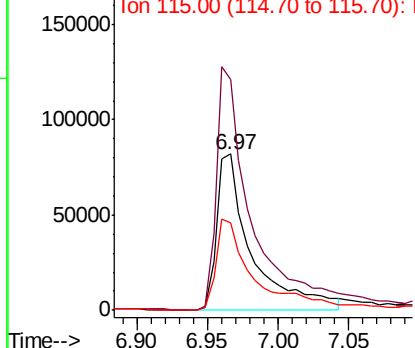
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion:152 Resp: 142058
Ion Ratio Lower Upper
152 100
150 148.4 124.6 186.8
115 56.0 50.1 75.1



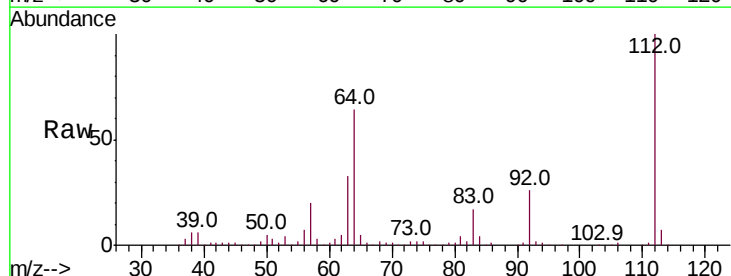
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



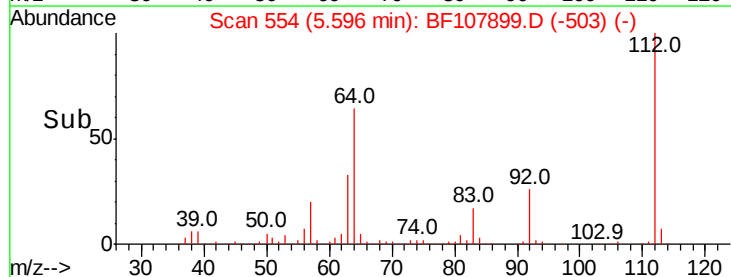
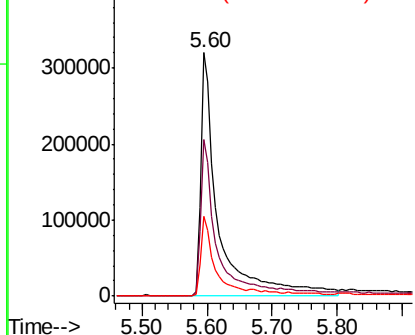
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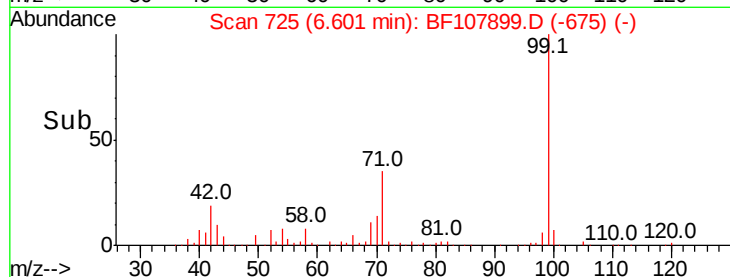
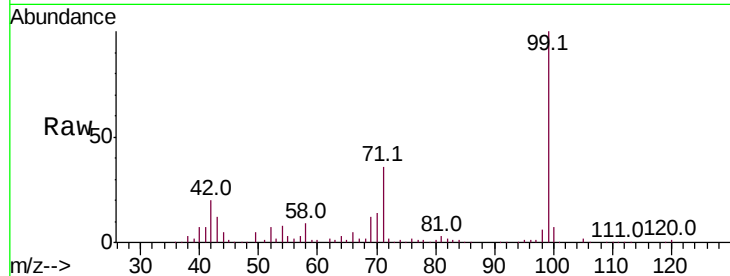
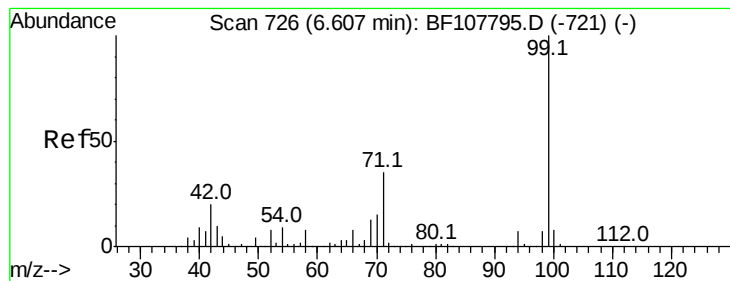
2-Fluorophenol
Concen: 72.542 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Tgt Ion:112 Resp: 606345
Ion Ratio Lower Upper
112 100
64 64.1 47.9 71.9
63 32.6 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: 48.580 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

MW-03

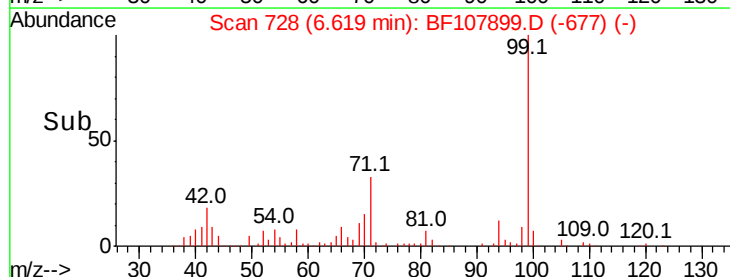
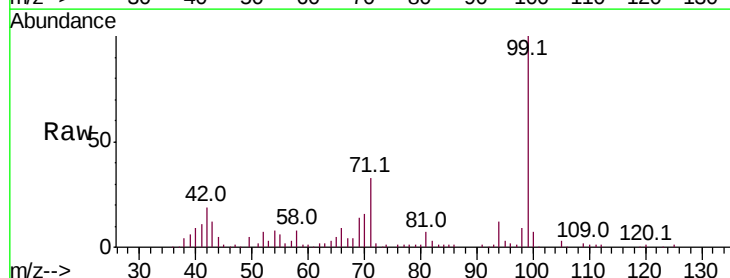
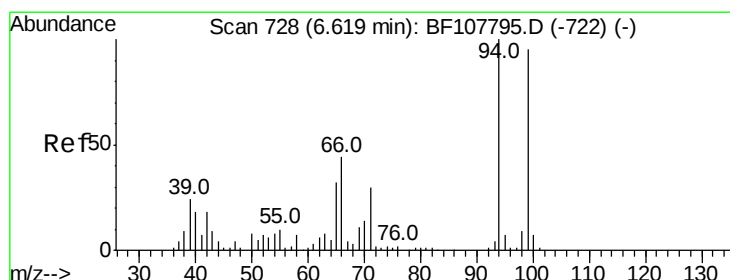
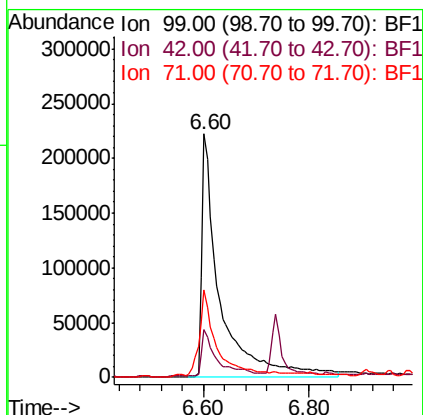
Tot Ion: 99 Resp: 535162

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 35.8 25.4 38.0



#10

Phenol

Concen: 2.953 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

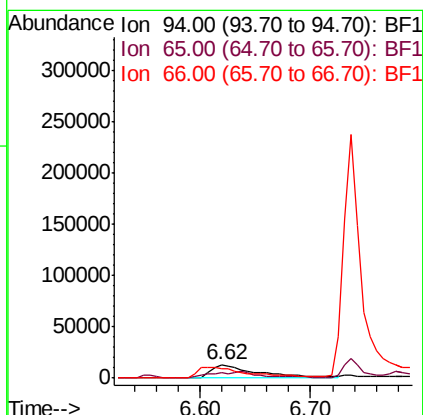
Tgt Ion: 94 Resp: 38800

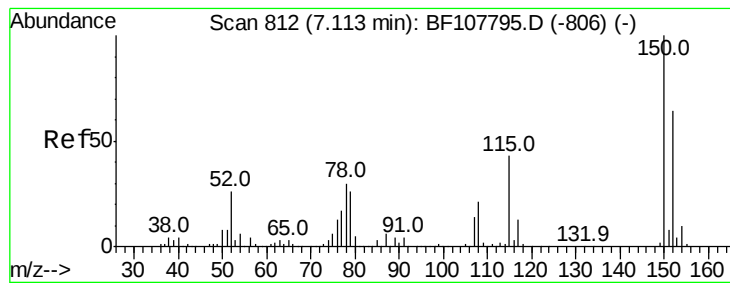
Ion Ratio Lower Upper

94 100

65 43.6 7.9 47.9

66 73.8 16.2 56.2#





#15

Benzyl Alcohol

Concen: 2.244 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

MW-03

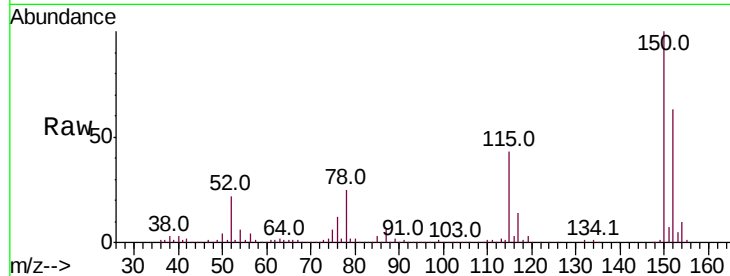
Tot Ion: 79 Resp: 15365

Ion Ratio Lower Upper

79 100

108 25.3 65.1 97.7#

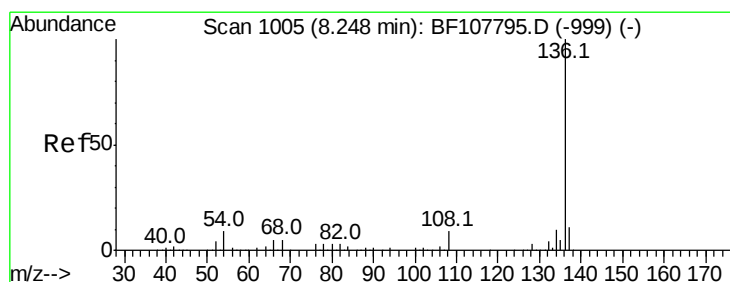
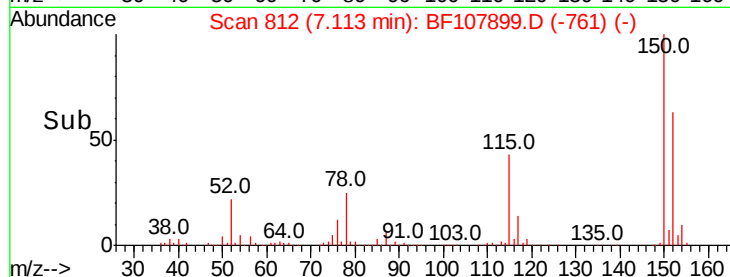
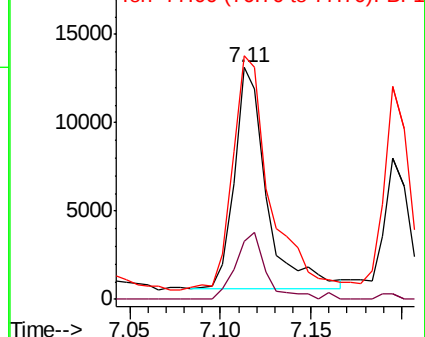
77 105.1 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

Tgt Ion: 136 Resp: 584524

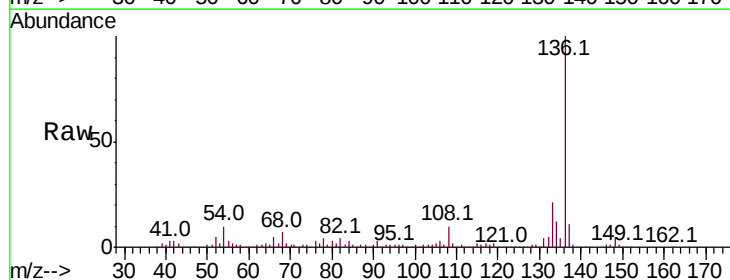
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.3 6.6 9.8#

68 6.6 5.0 7.4

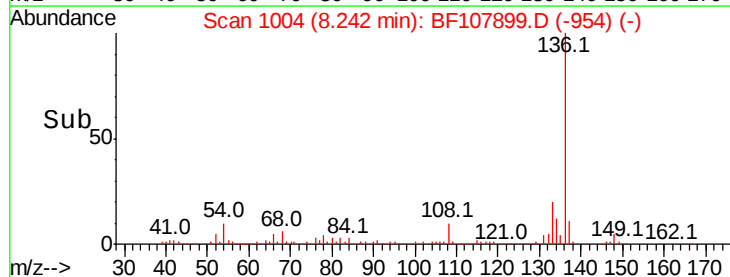
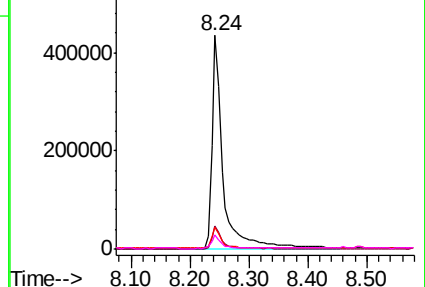


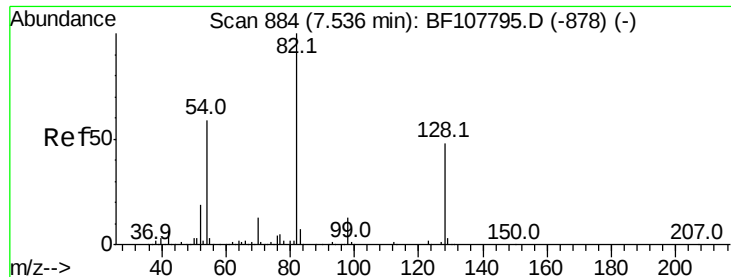
Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 95.756 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

MW-03

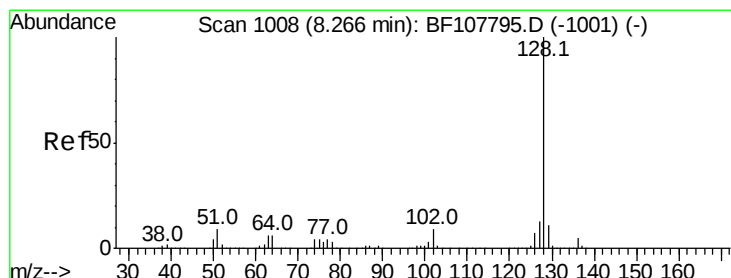
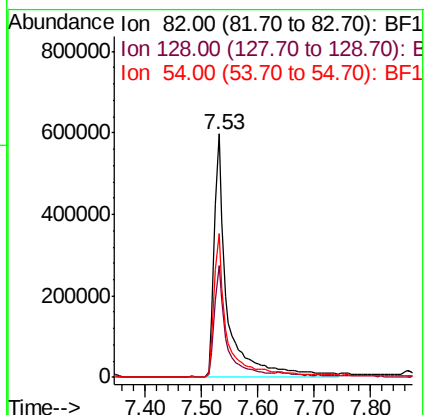
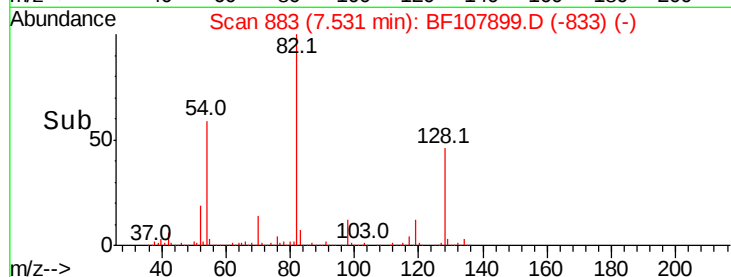
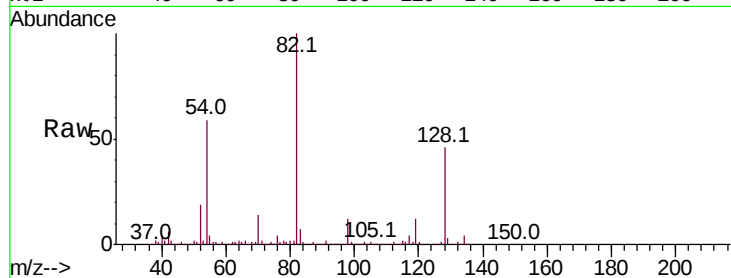
Tot Ion: 82 Resp: 971556

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

54 59.3 41.4 62.2



#31

Naphthalene

Concen: 2.485 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

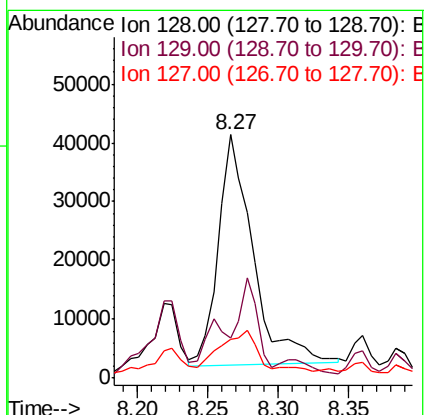
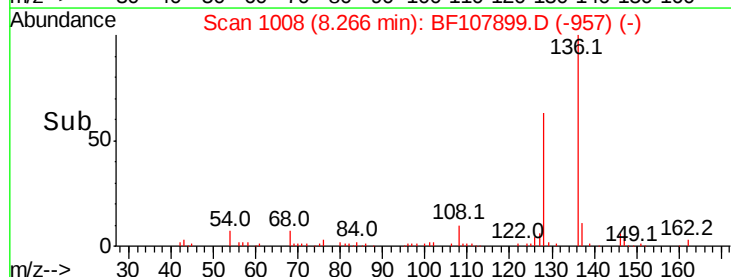
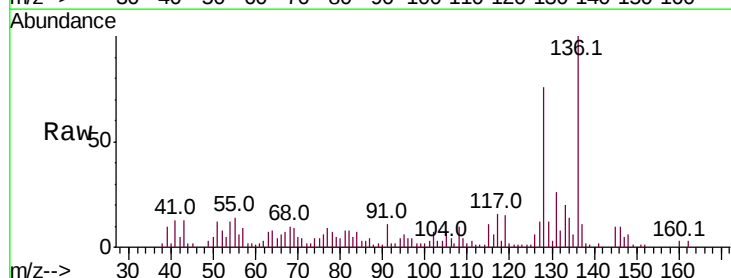
Tgt Ion:128 Resp: 67518

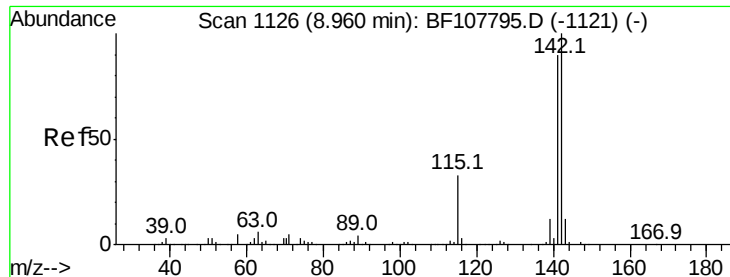
Ion Ratio Lower Upper

128 100

129 16.3 8.8 13.2#

127 16.0 10.9 16.3

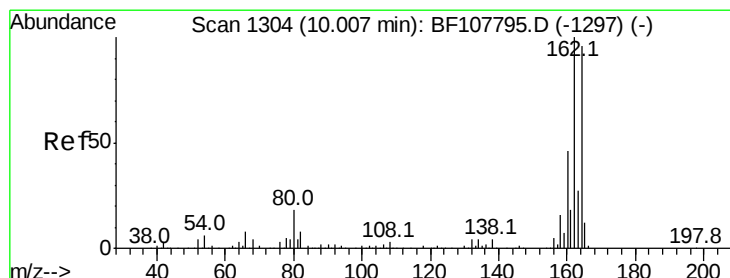
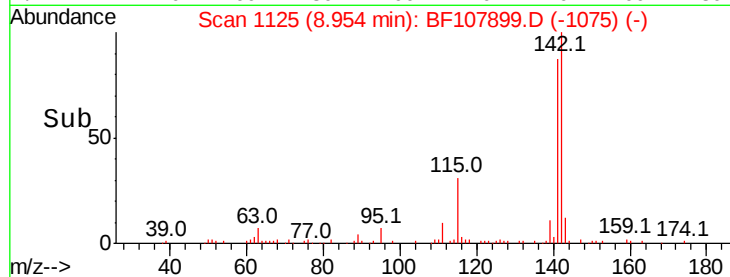
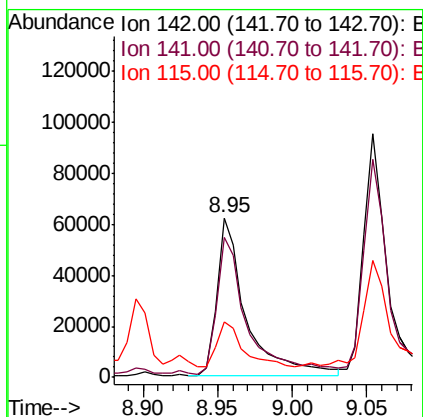
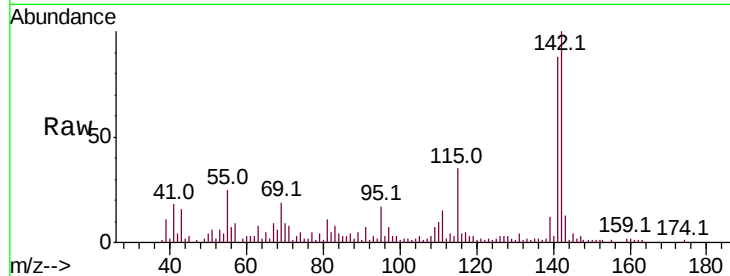




#37
 2-Methylnaphthalene
 Concen: 4.947 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107899.D
 Acq: 1 Aug 2018 19:50

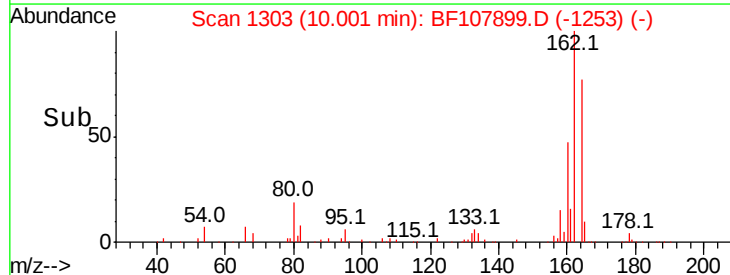
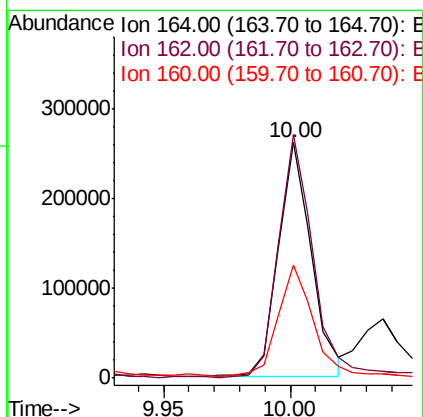
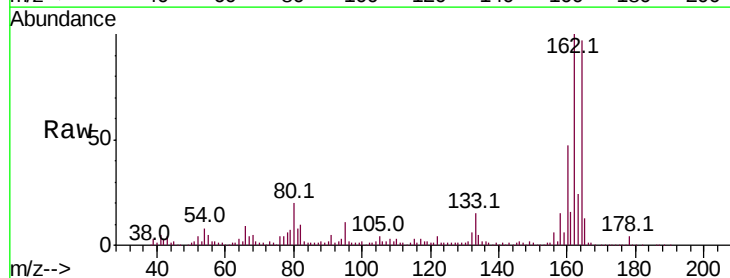
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

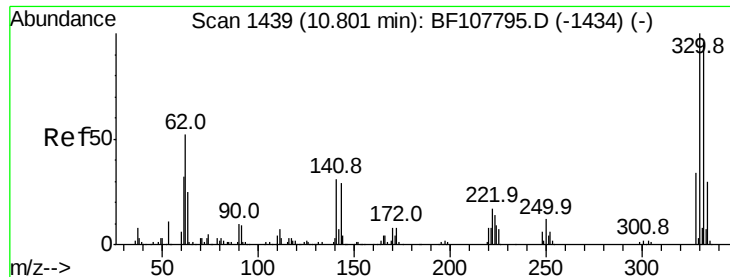
Tot Ion:142 Resp: 84435
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.8 106.2
 115 35.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107899.D
 Acq: 1 Aug 2018 19:50

Tgt Ion:164 Resp: 236477
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 48.2 38.3 57.5

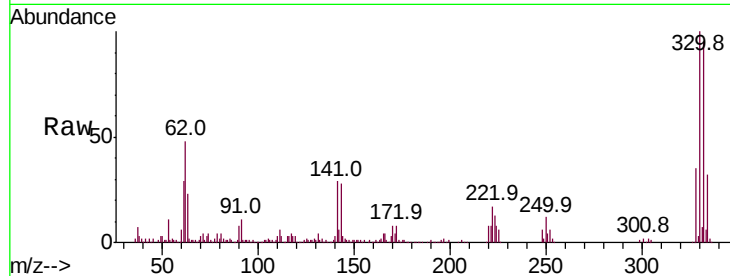




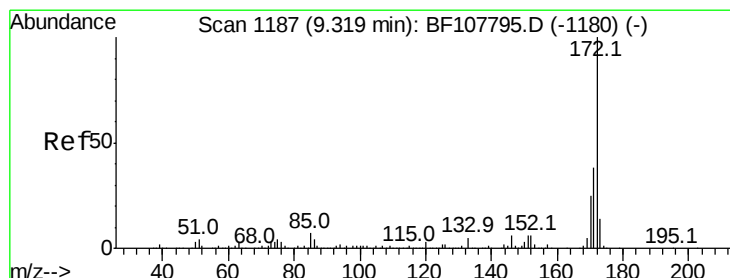
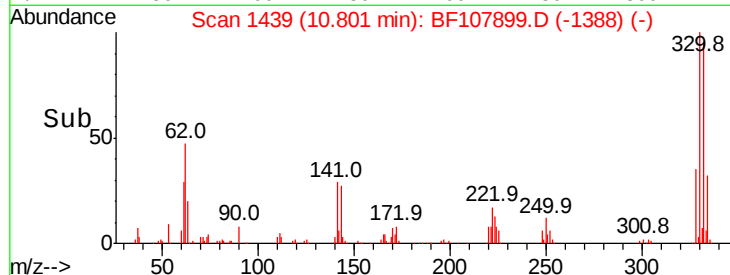
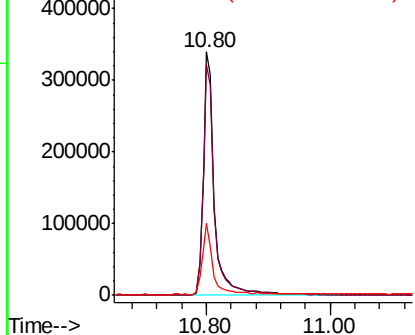
#41
 2,4,6-Tribromophenol
 Concen: 135.819 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107899.D
 Acq: 1 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampled :
 MW-03

Tot Ion:330 Resp: 436419
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 27.3 29.9 44.9#

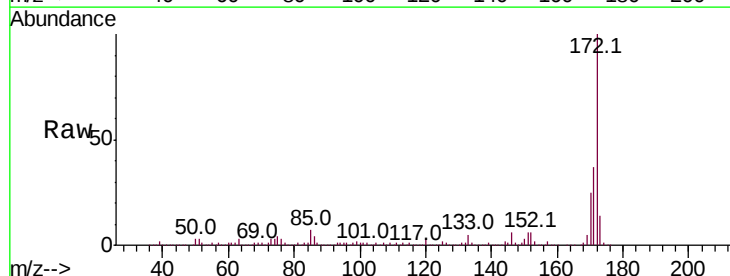


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

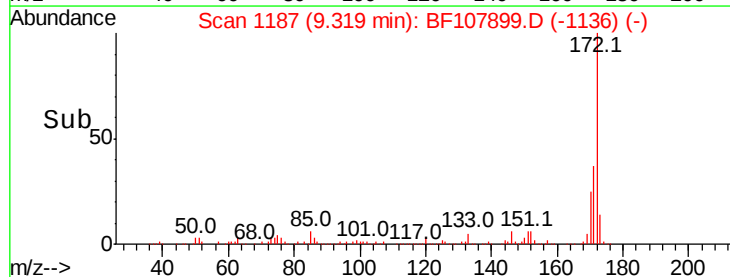
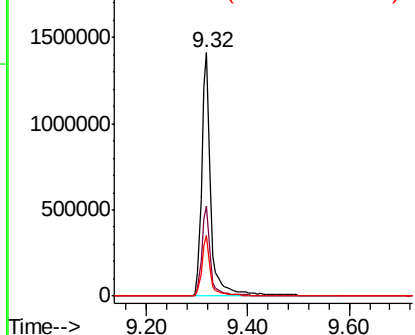


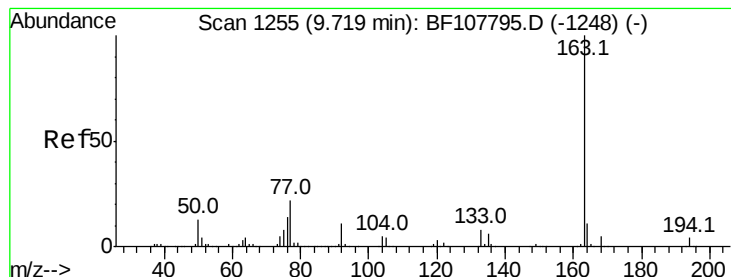
#44
 2-Fluorobiphenyl
 Concen: 104.879 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107899.D
 Acq: 1 Aug 2018 19:50

Tgt Ion:172 Resp: 1779805
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.1 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: 18.696 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

MW-03

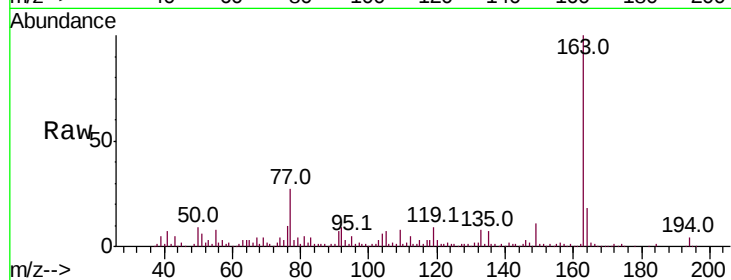
Tot Ion:163 Resp: 332033

Ion Ratio Lower Upper

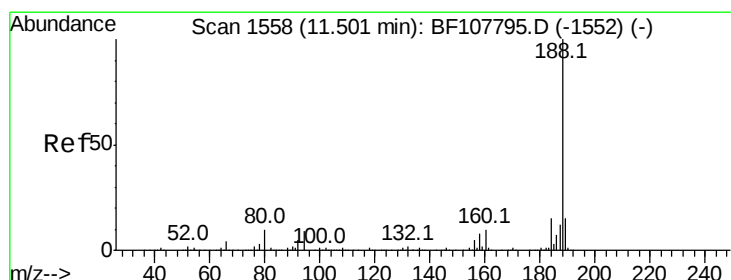
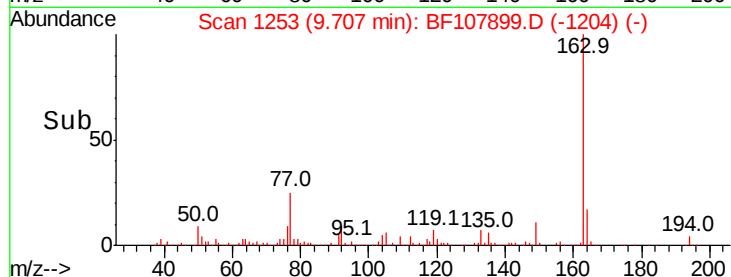
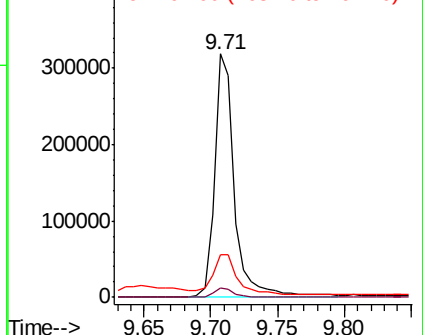
163 100

194 3.6 2.7 4.1

164 17.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

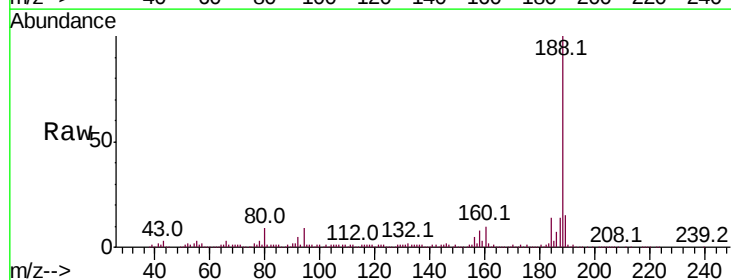
Tgt Ion:188 Resp: 454350

Ion Ratio Lower Upper

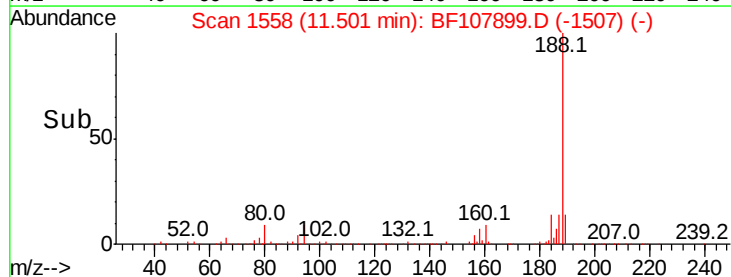
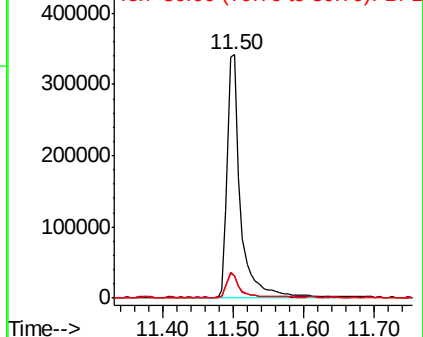
188 100

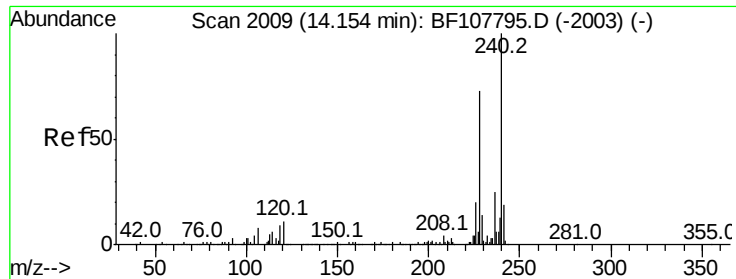
94 8.9 8.5 12.7

80 9.2 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: BF107899.D

Acq: 1 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

MW-03

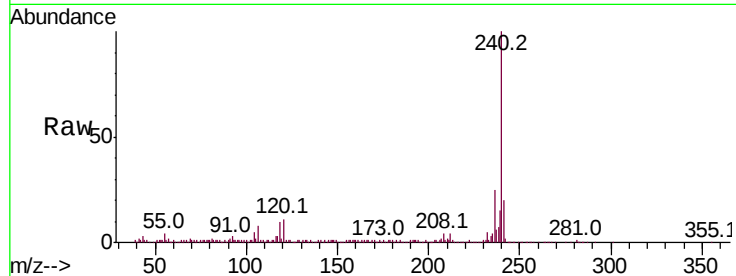
Tot Ion:240 Resp: 354347

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

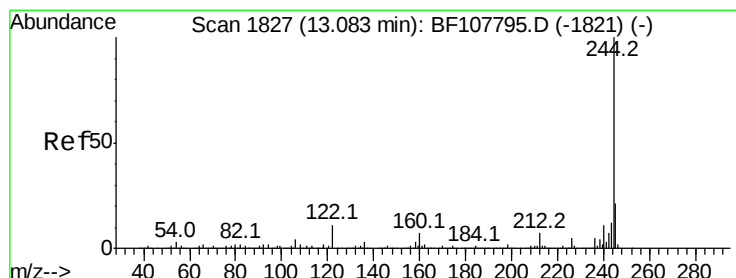
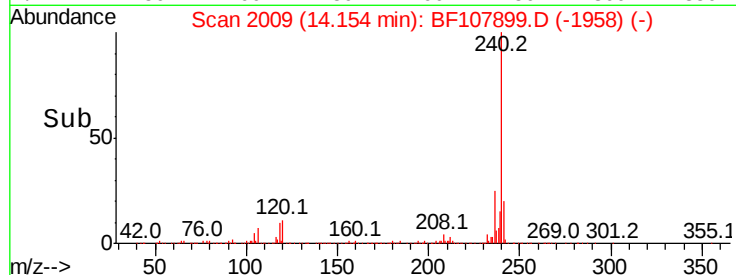
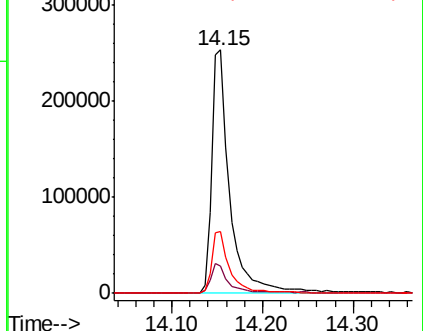
236 25.3 20.7 31.1



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: 84.361 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107899.D

Acq: 1 Aug 2018 19:50

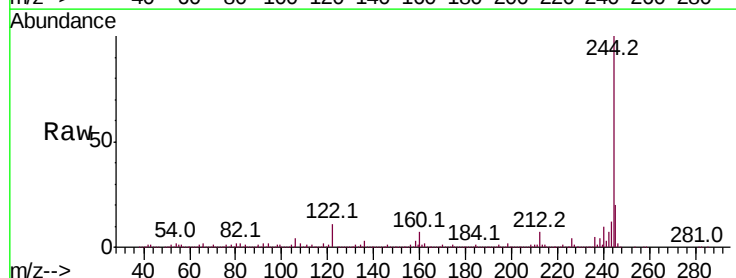
Tgt Ion:244 Resp: 1378560

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

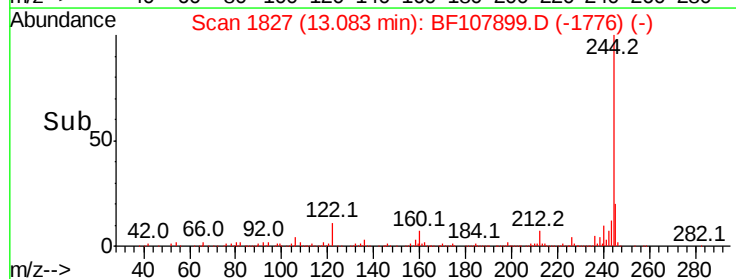
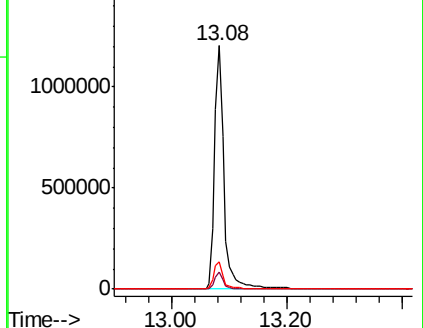
122 11.0 11.0 16.4

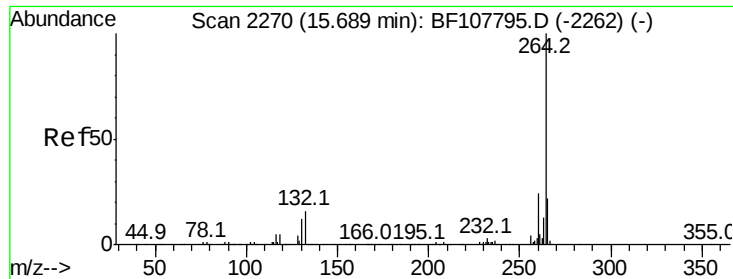


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107899.D
Acq: 1 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

