

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107786.D
 Acq On : 28 Jul 2018 10:03
 Operator : JU/SJ
 Sample : J4199-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

Quant Time: Jul 30 03:44:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

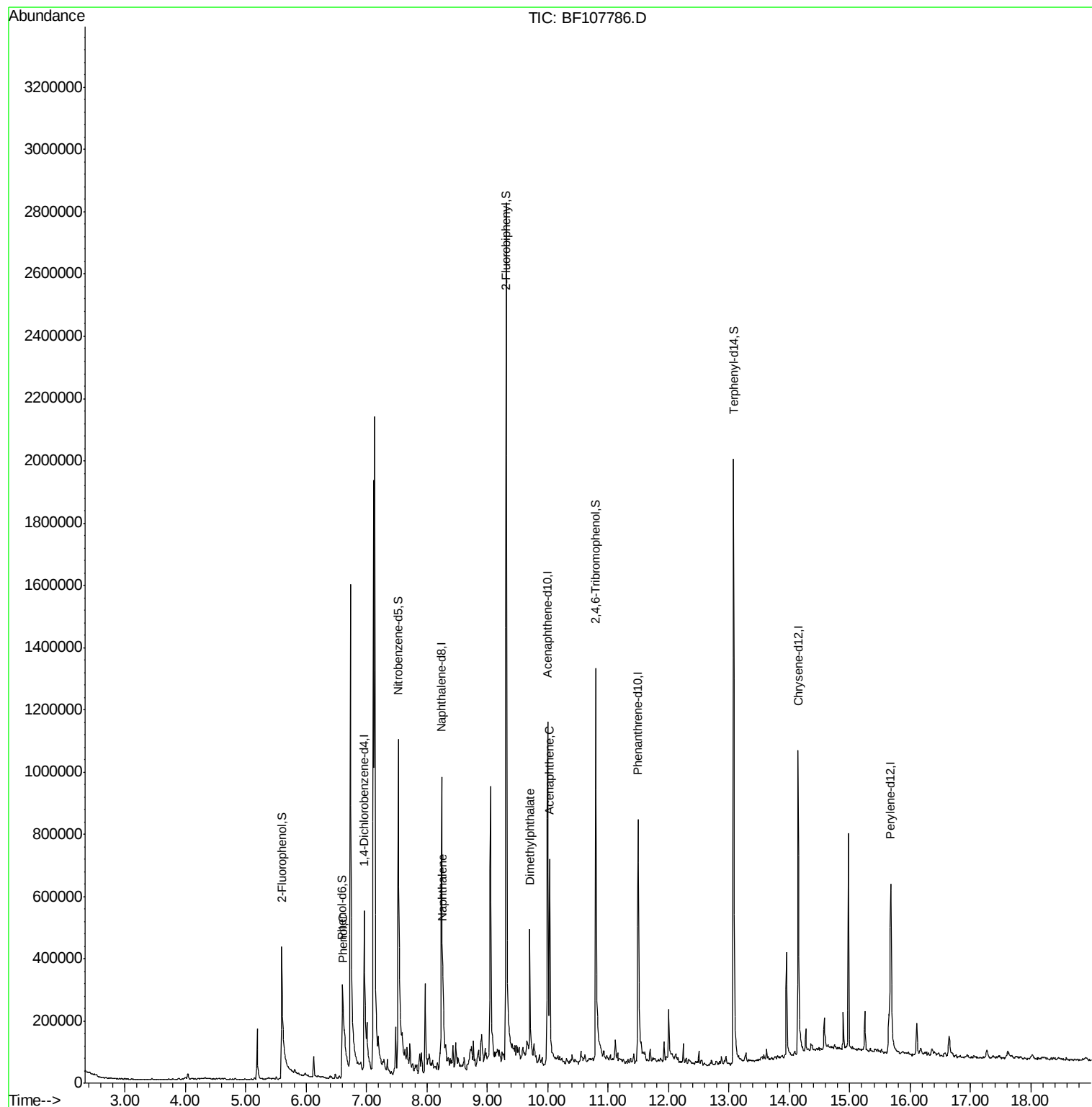
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160660	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	623880	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	250374	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	448688	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	462168	20.00	ng	-0.02
86) Perylene-d12	15.68	264	375950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	303967	30.42	ng	-0.01
7) Phenol-d6	6.60	99	290398	24.20	ng	-0.01
23) Nitrobenzene-d5	7.52	82	658882	71.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	239245	84.03	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1184908	79.66	ng	-0.02
78) Terphenyl-d14	13.08	244	821984	45.53	ng	-0.02
Target Compounds						
10) Phenol	6.62	94	32560	2.307	ng	Qvalue # 69
31) Naphthalene	8.27	128	124740	4.547	ng	98
49) Dimethylphthalate	9.71	163	195847	10.379	ng	100
51) Acenaphthene	10.03	154	169182	10.782	ng	98

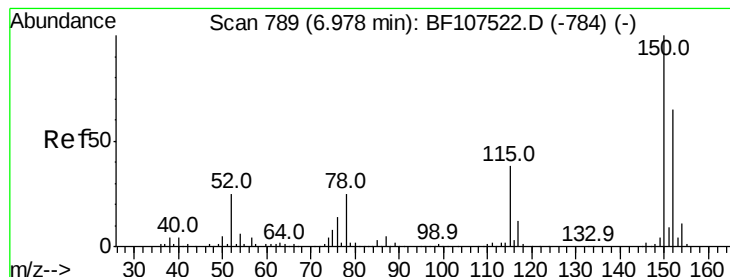
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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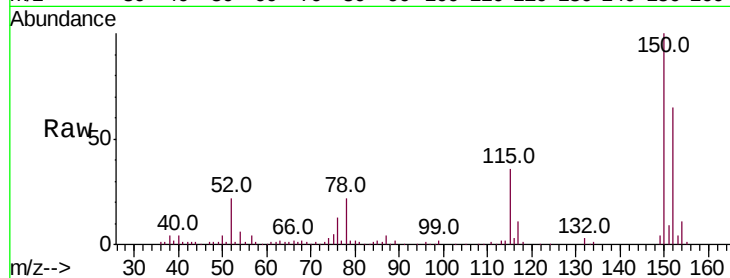


#1

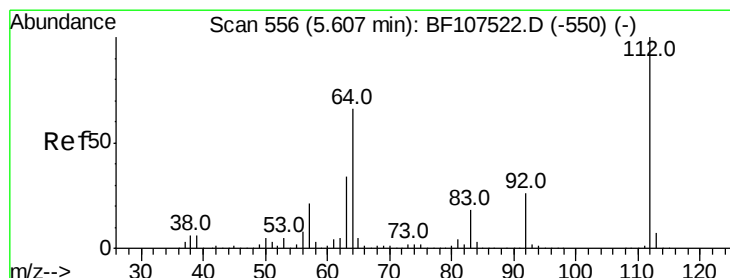
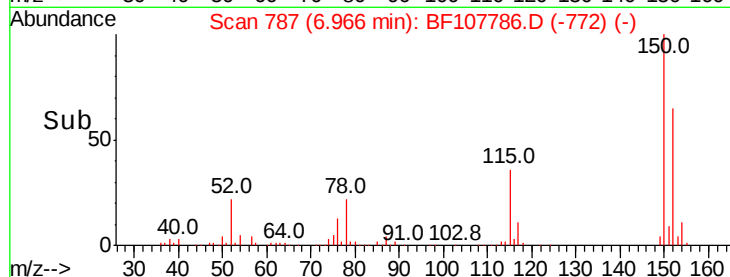
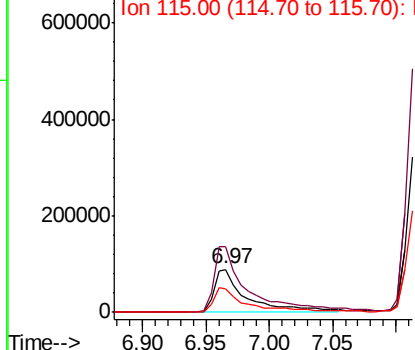
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
MW-A12

Tot Ion:152 Resp: 160660
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 55.9 50.1 75.1



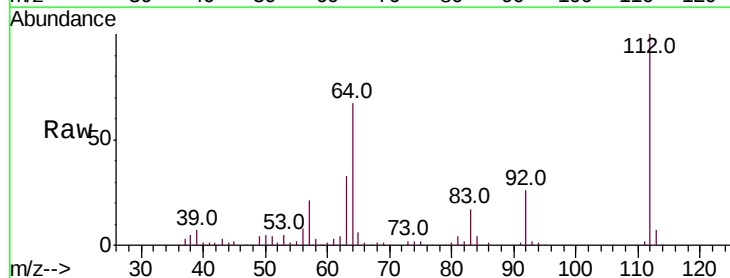
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



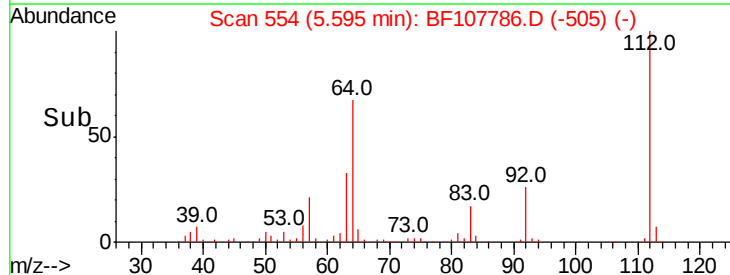
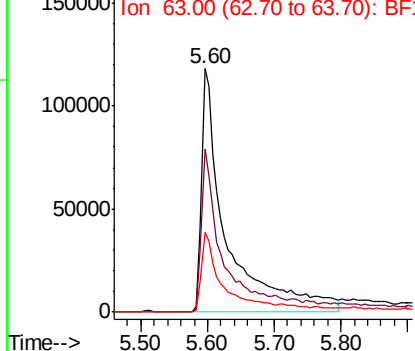
#5

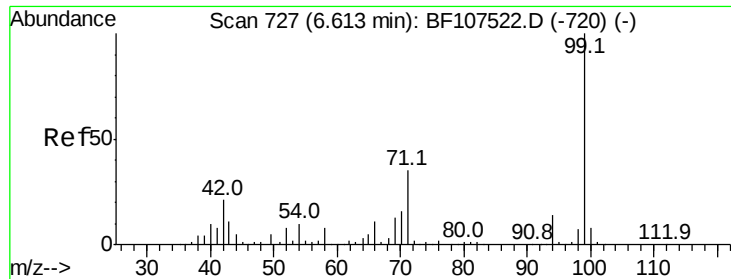
2-Fluorophenol
Concen: 30.420 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion:112 Resp: 303967
Ion Ratio Lower Upper
112 100
64 66.9 47.9 71.9
63 32.9 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: 24.203 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampled :

MW-A12

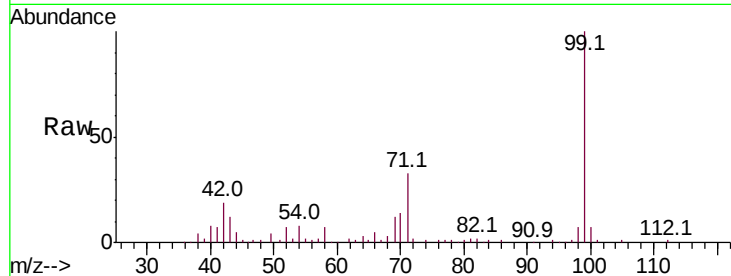
Tot Ion: 99 Resp: 290398

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

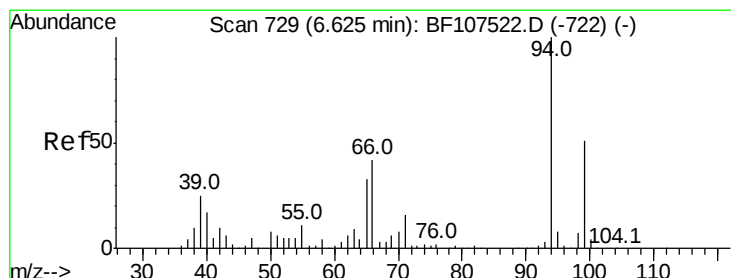
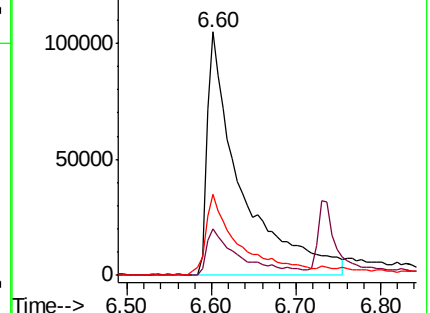
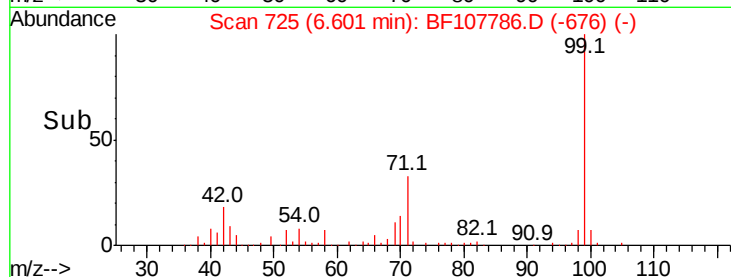
71 33.0 25.4 38.0



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



#10

Phenol

Concen: 2.307 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

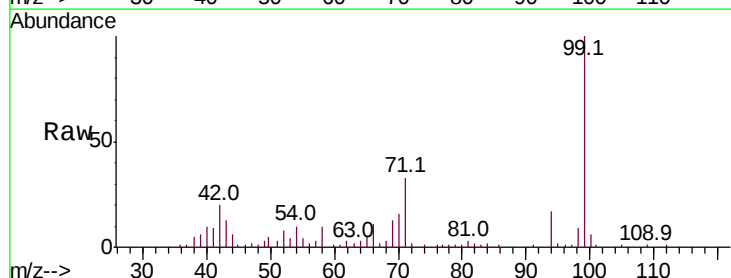
Tgt Ion: 94 Resp: 32560

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

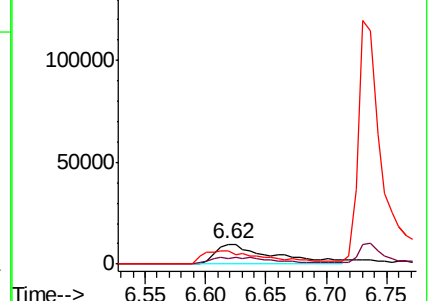
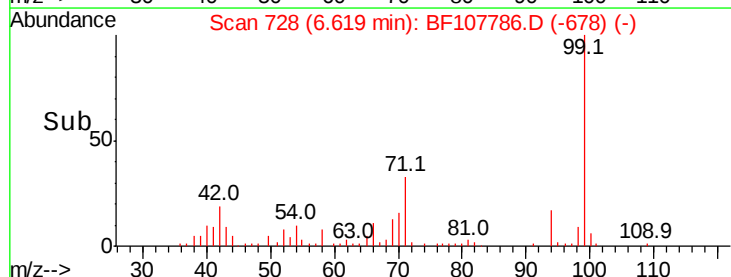
66 67.3 16.2 56.2#

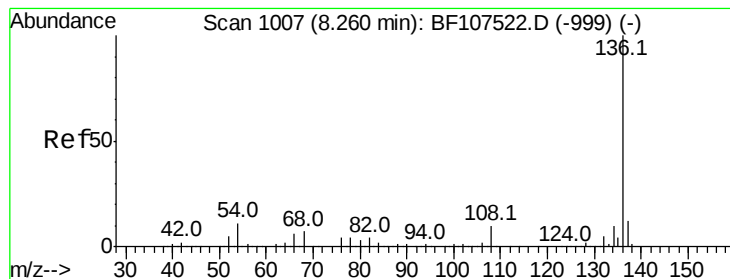


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

Tot Ion:136 Resp: 623880

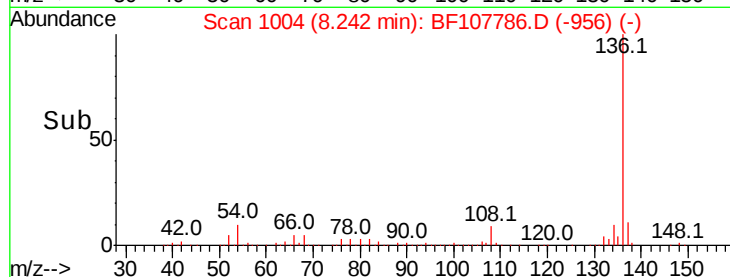
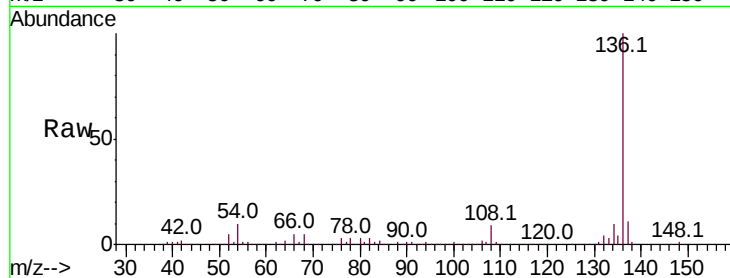
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.9 6.6 9.8#

68 5.2 5.0 7.4

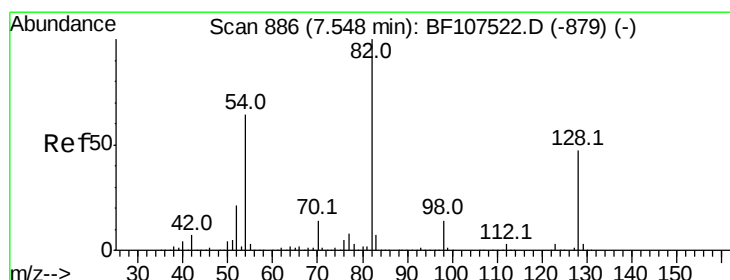
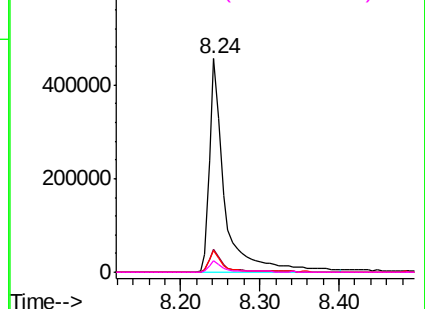


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.274 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

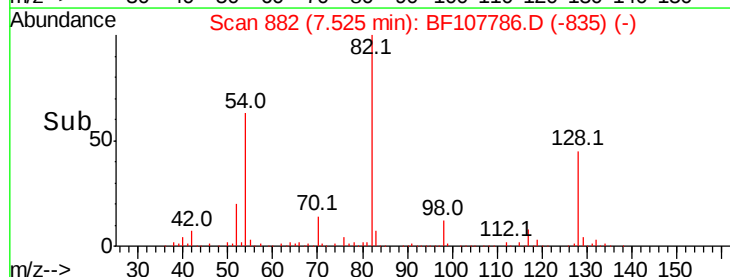
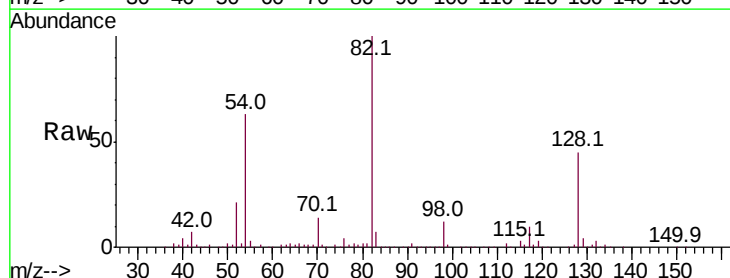
Tgt Ion: 82 Resp: 658882

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

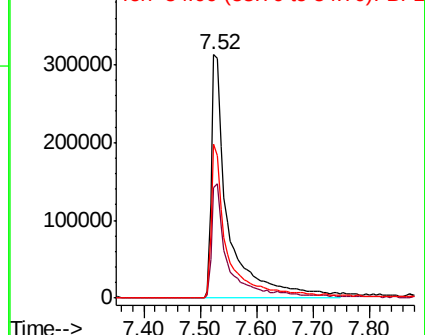
54 63.2 41.4 62.2#

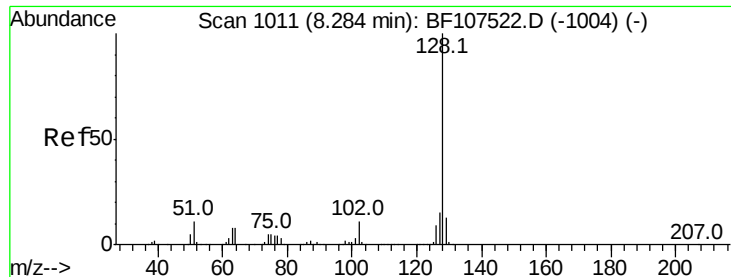


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

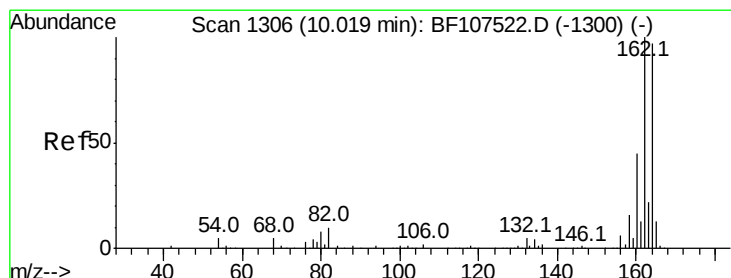
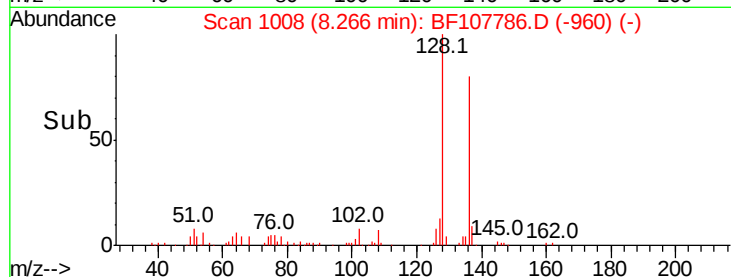
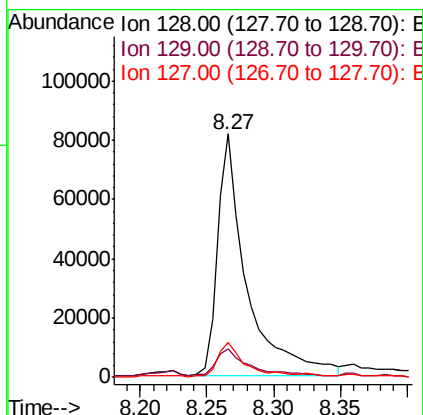
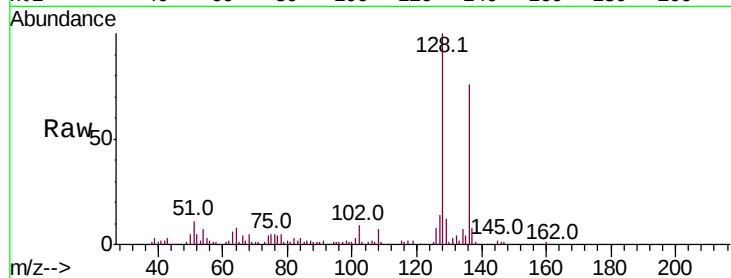




#31
Naphthalene
Concen: 4.547 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

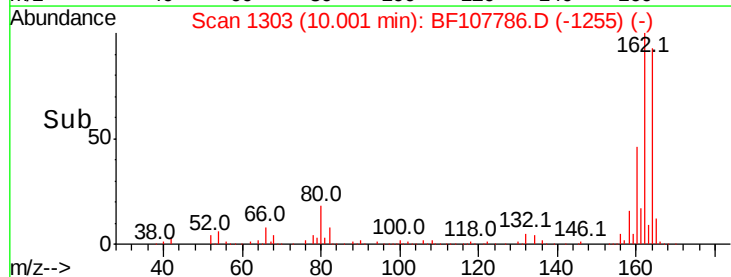
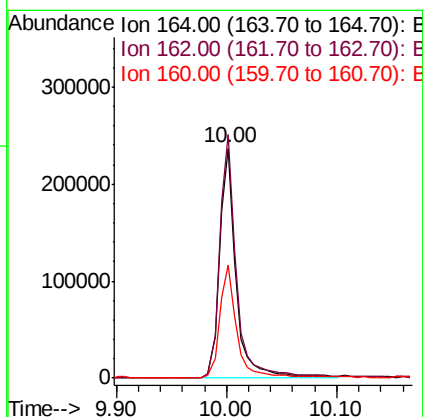
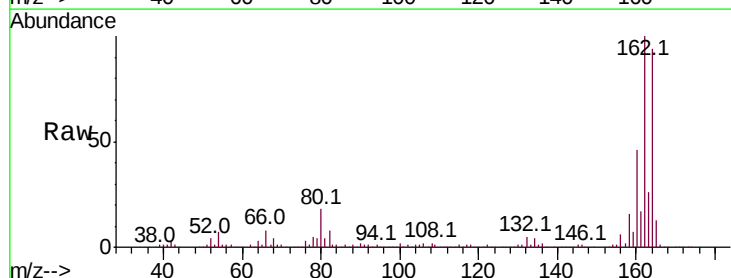
Instrument :
BNA_F
ClientSampled :
MW-A12

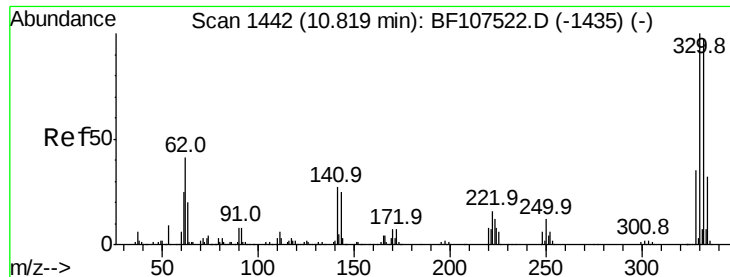
Tot Ion:128 Resp: 124740
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.3 10.9 16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion:164 Resp: 250374
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 49.1 38.3 57.5

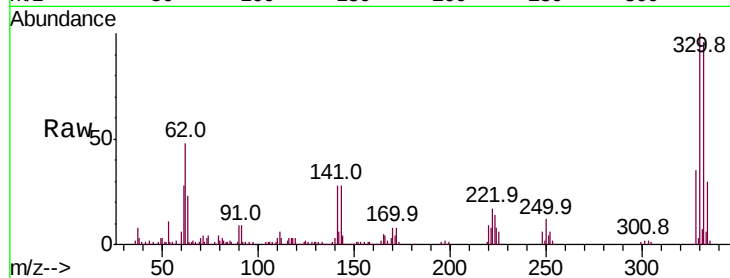




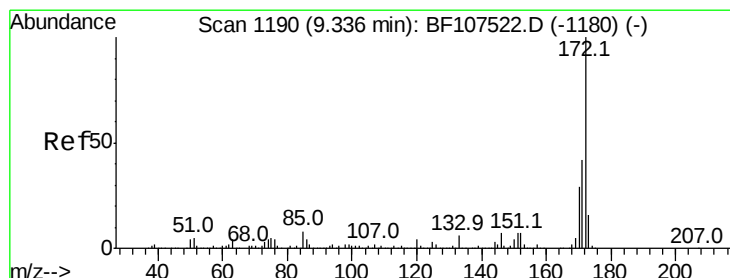
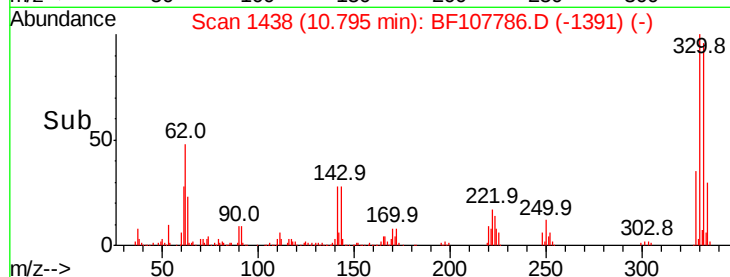
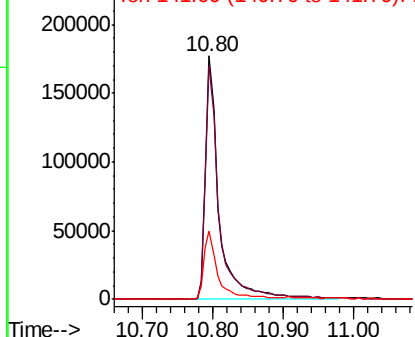
#41
 2,4,6-Tribromophenol
 Concen: 84.030 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	28.2	29.9	44.9#

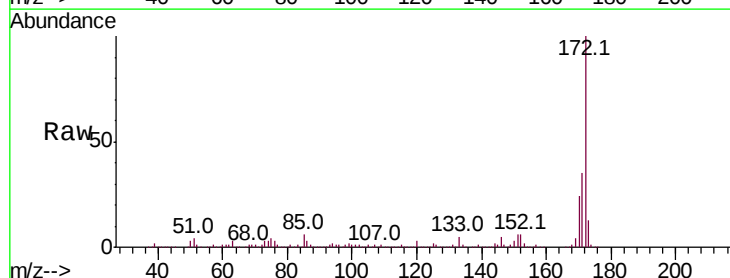


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

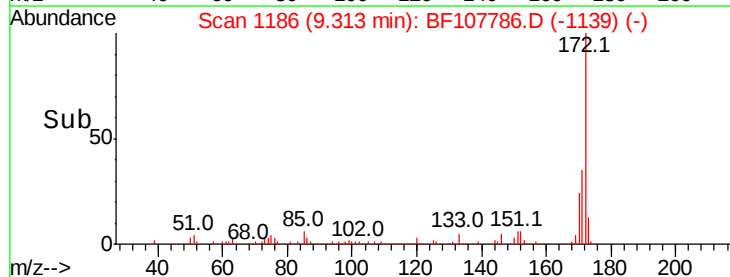
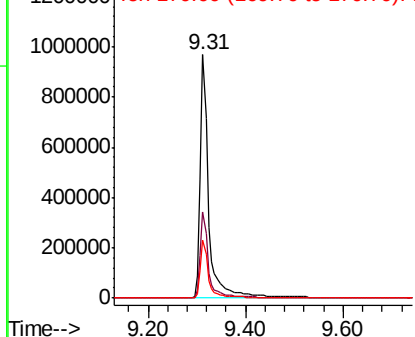


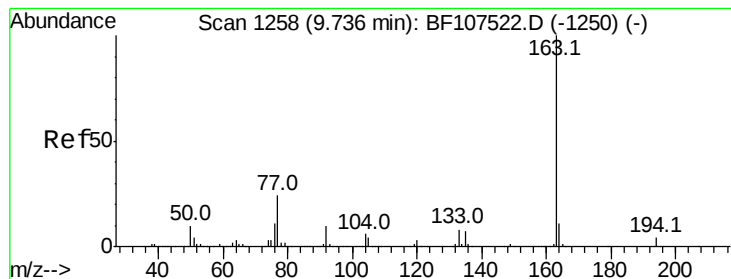
#44
 2-Fluorobiphenyl
 Concen: 79.663 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	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: 10.379 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

MW-A12

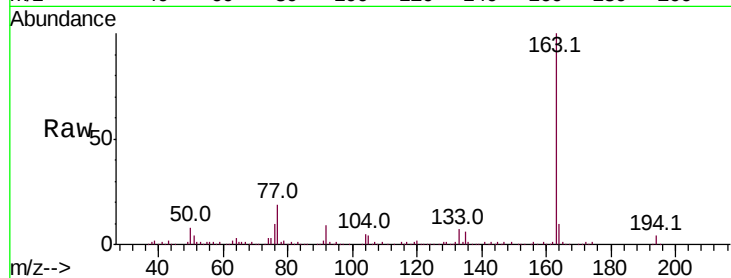
Tot Ion:163 Resp: 195847

Ion Ratio Lower Upper

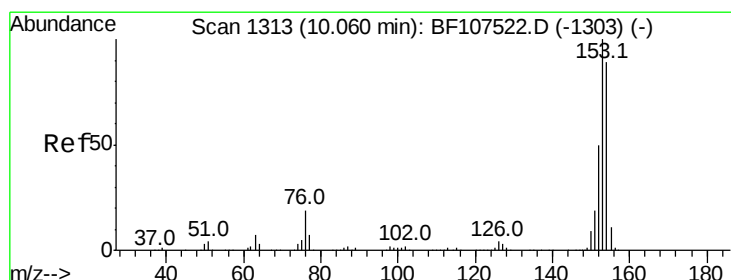
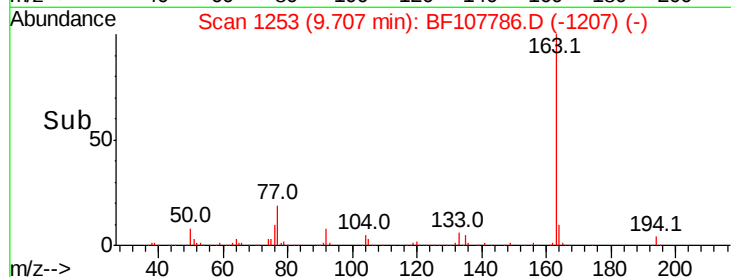
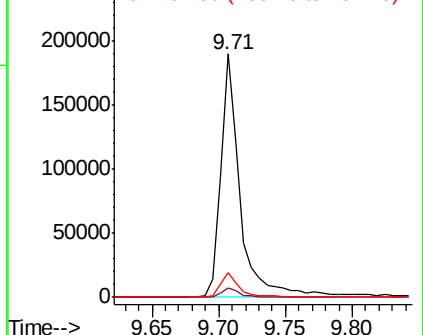
163 100

194 3.7 2.7 4.1

164 10.3 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



#51

Acenaphthene

Concen: 10.782 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF107786.D

Acq: 28 Jul 2018 10:03

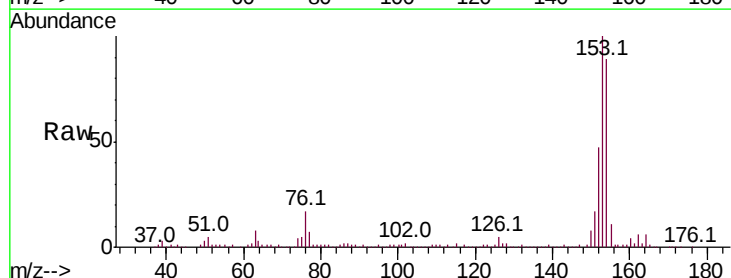
Tgt Ion:154 Resp: 169182

Ion Ratio Lower Upper

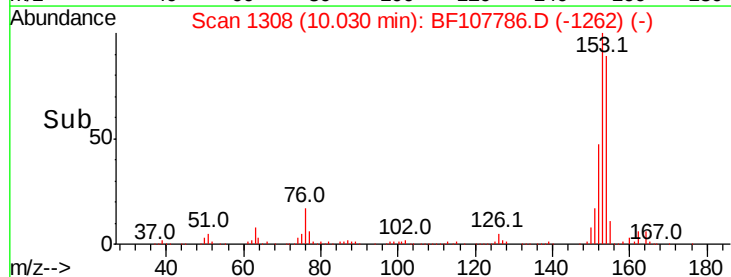
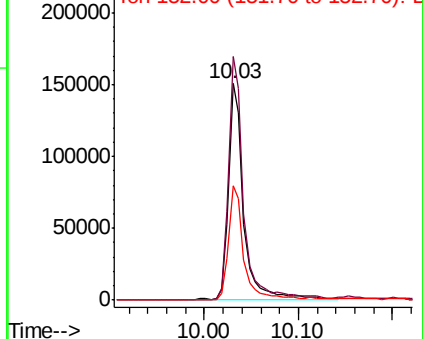
154 100

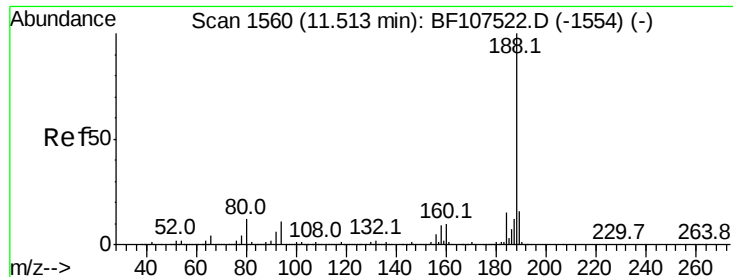
153 112.5 91.2 136.8

152 52.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

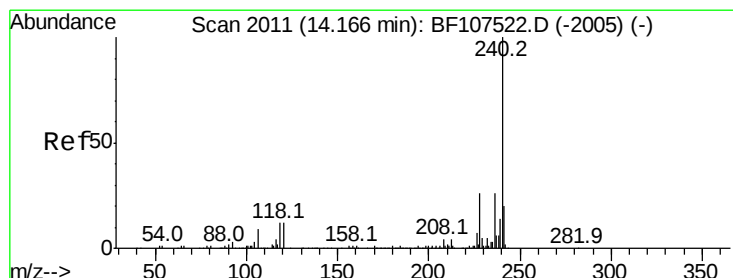
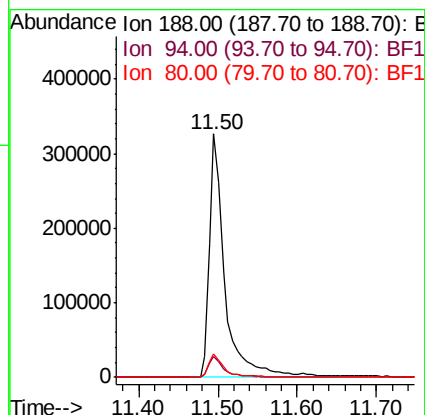
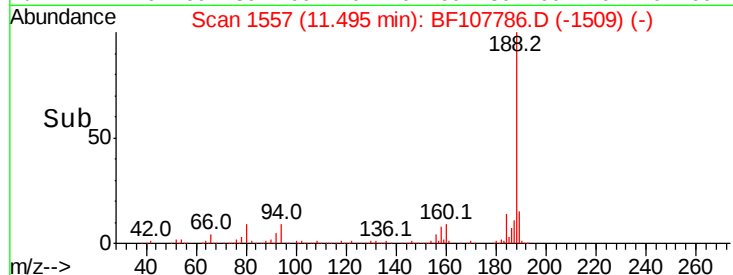
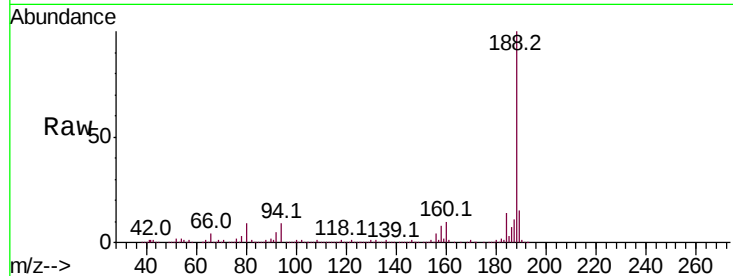




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

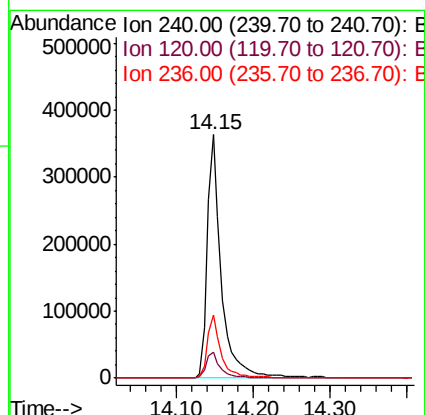
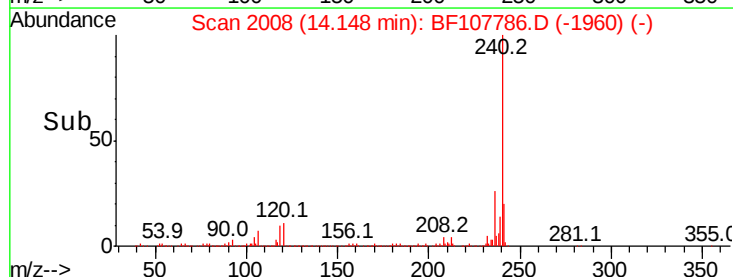
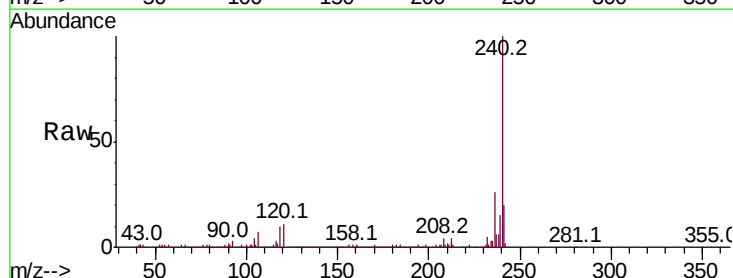
Instrument :
BNA_F
ClientSampleId :
MW-A12

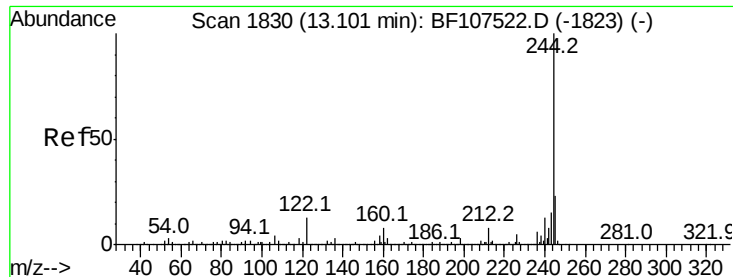
Tot Ion:188 Resp: 448688
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107786.D
Acq: 28 Jul 2018 10:03

Tgt Ion:240 Resp: 462168
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.1 20.7 31.1

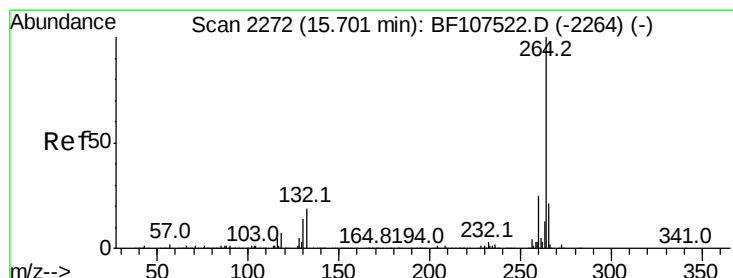
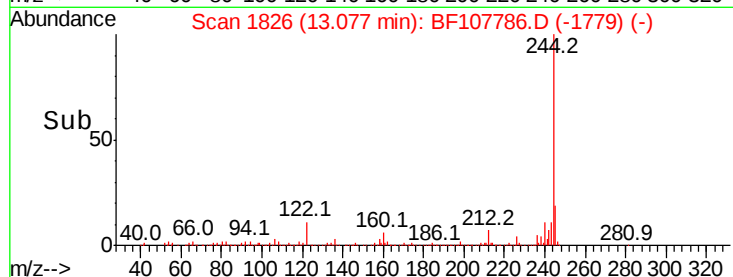
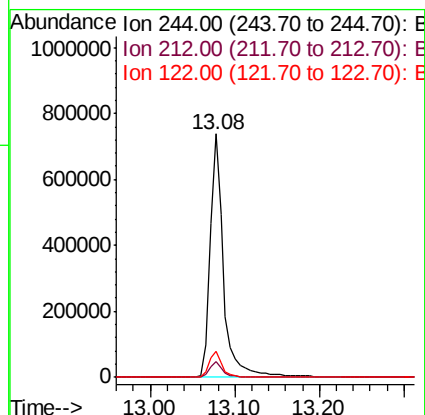
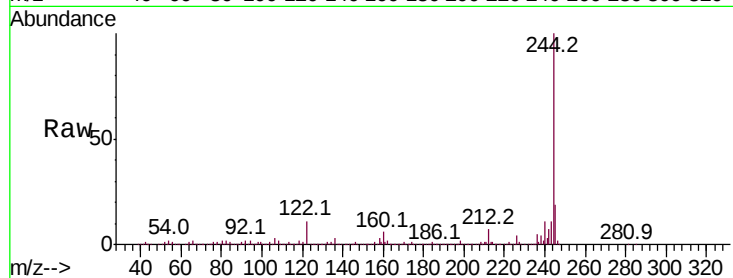




#78
 Terphenyl-d14
 Concen: 45.532 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-A12

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	11.0	16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107786.D
 Acq: 28 Jul 2018 10:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.6	17.5	26.3

