

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107843.D
 Acq On : 31 Jul 2018 11:04
 Operator : JU/SJ
 Sample : J4221-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A09

Quant Time: Jul 31 12:22:19 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

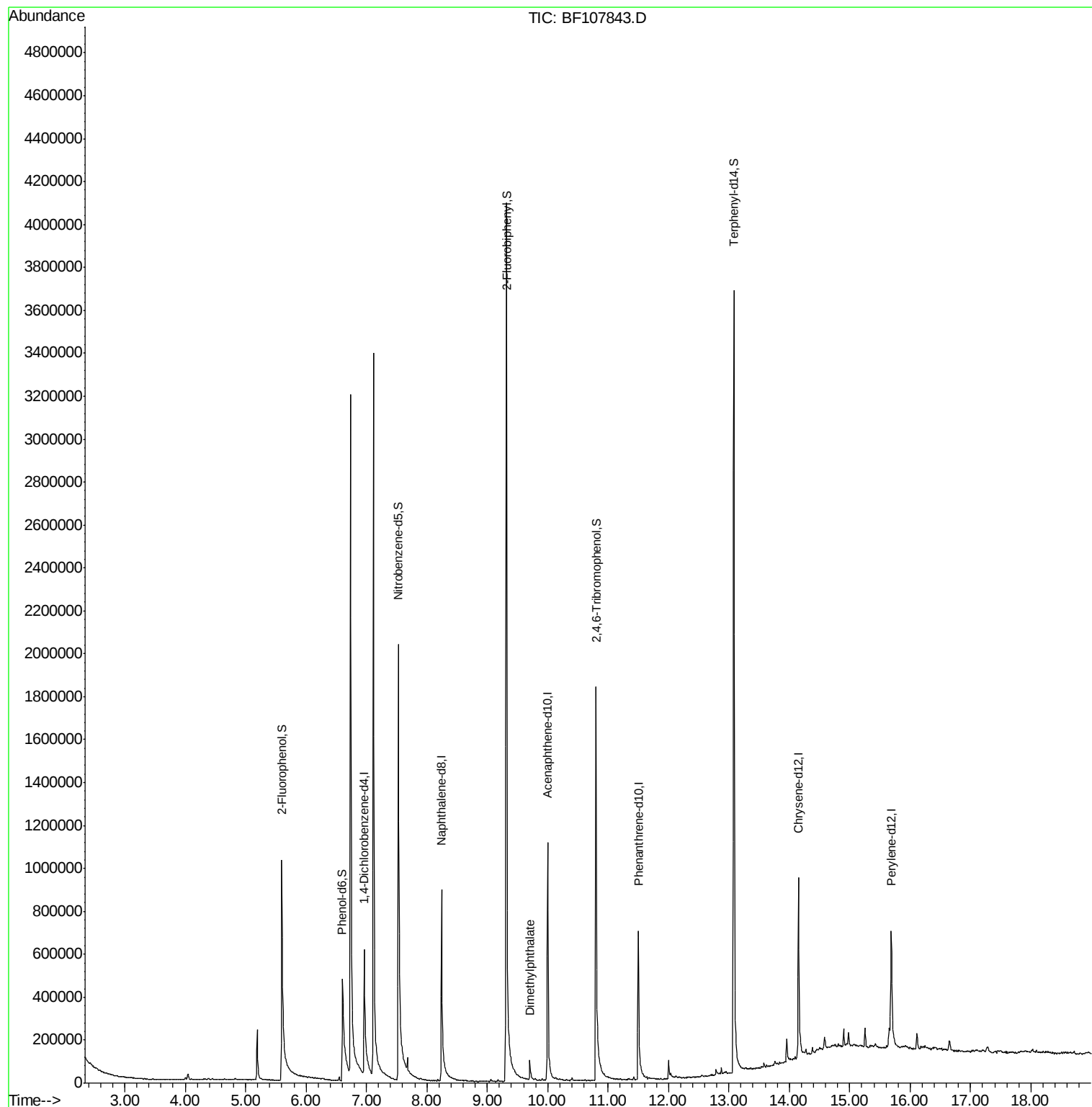
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173625	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	714700	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	265536	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444094	20.00	ng	0.00
75) Chrysene-d12	14.15	240	464160	20.00	ng	0.00
86) Perylene-d12	15.69	264	401330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	609021	59.61	ng	0.00
7) Phenol-d6	6.60	99	511332	37.98	ng	0.00
23) Nitrobenzene-d5	7.53	82	1143800	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	382639	106.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1957261	102.71	ng	0.00
78) Terphenyl-d14	13.08	244	1582481	73.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	56774	2.847	ng	Qvalue 100

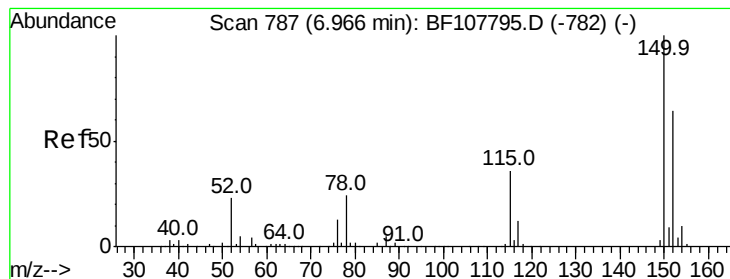
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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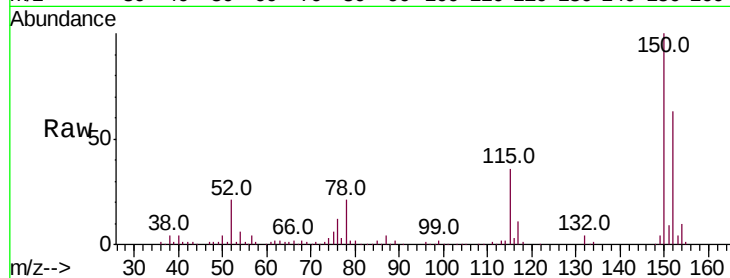


#1

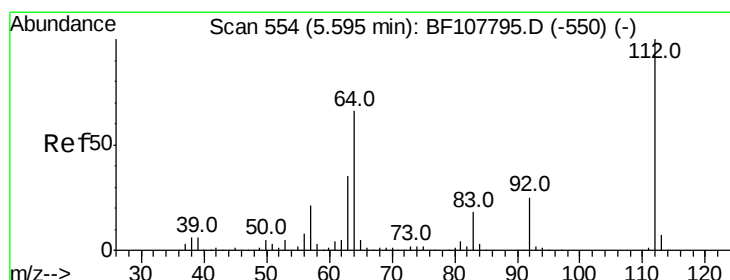
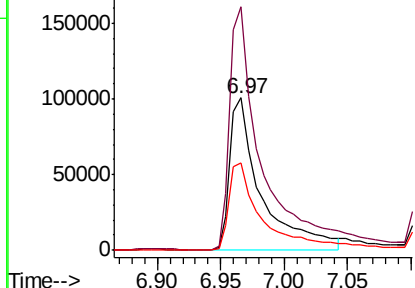
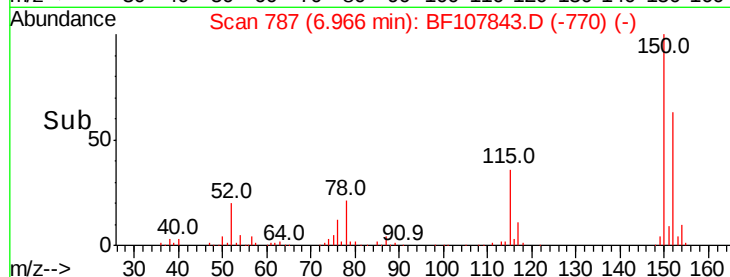
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tot Ion:152 Resp: 173625
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 57.4 50.1 75.1



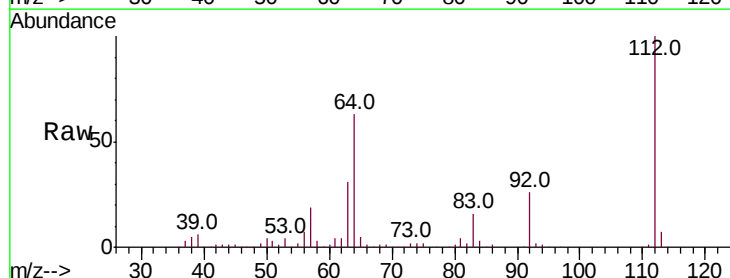
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



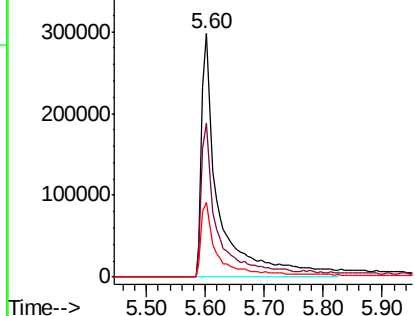
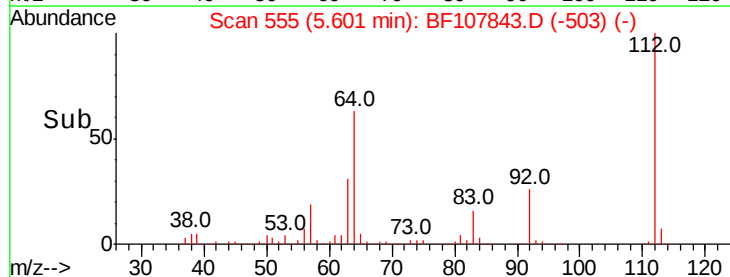
#5

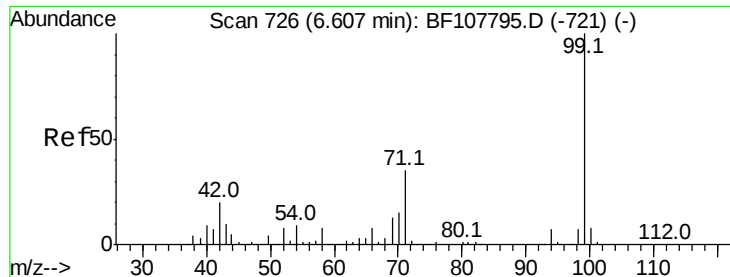
2-Fluorophenol
Concen: 59.615 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:112 Resp: 609021
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 30.9 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: 37.978 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107843.D

Acq: 31 Jul 2018 11:04

Instrument :

BNA_F

ClientSampleId :

MW-A09

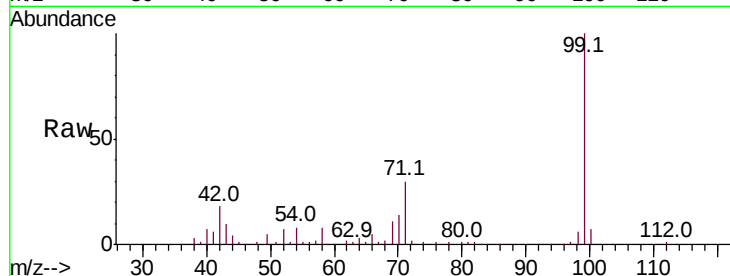
Tot Ion: 99 Resp: 511332

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

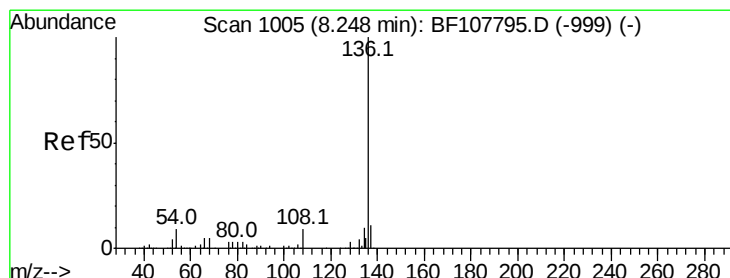
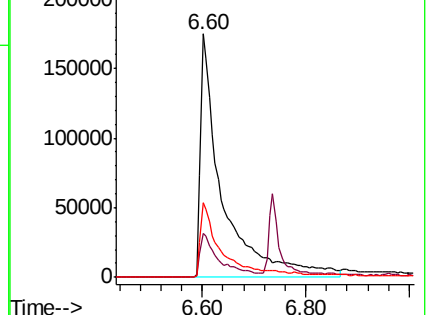
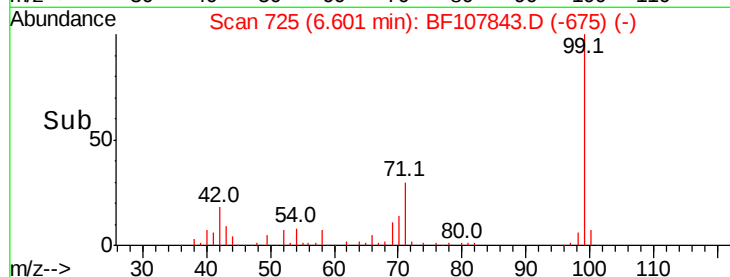
71 30.5 25.4 38.0



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: BF107843.D

Acq: 31 Jul 2018 11:04

Tgt Ion: 136 Resp: 714700

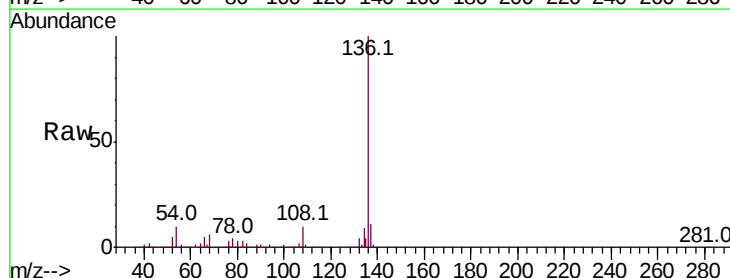
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 6.2 5.0 7.4

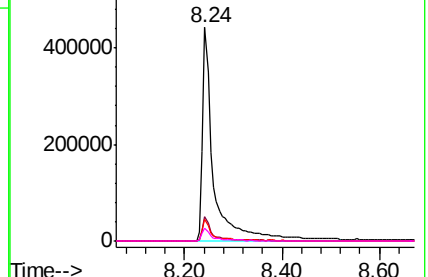
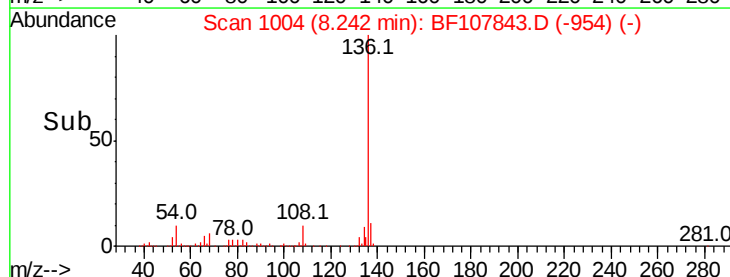


Abundance Ion 136.00 (135.70 to 136.70): E

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

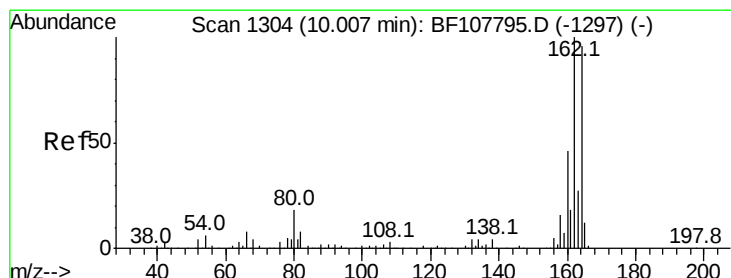
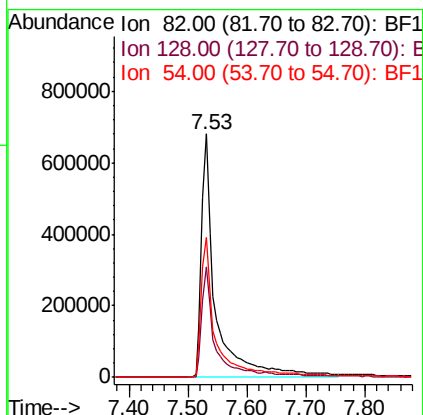
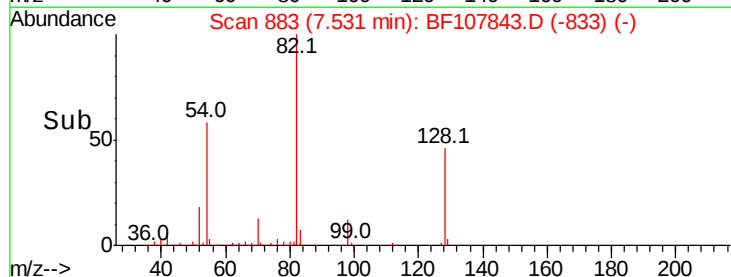
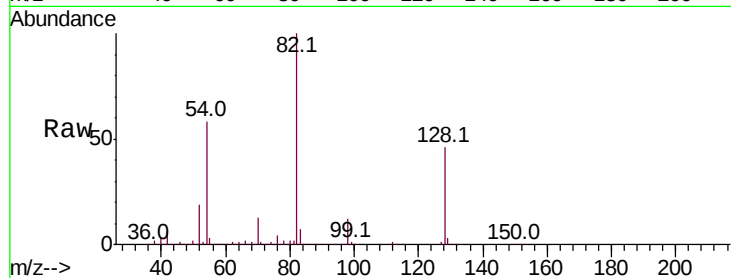




#23
Nitrobenzene-d5
Concen: 92.199 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

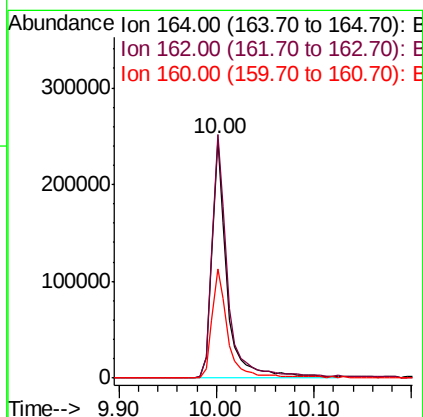
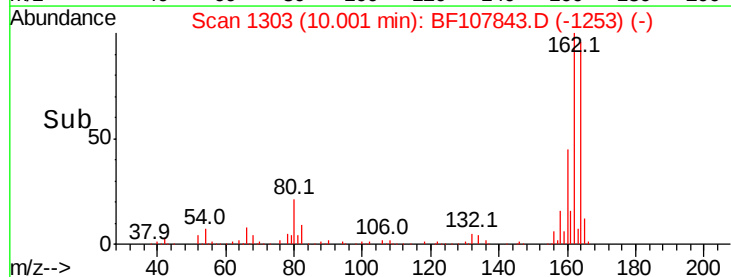
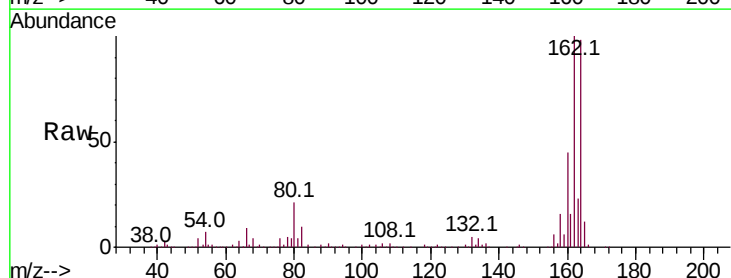
Instrument :
BNA_F
ClientSampleId :
MW-A09

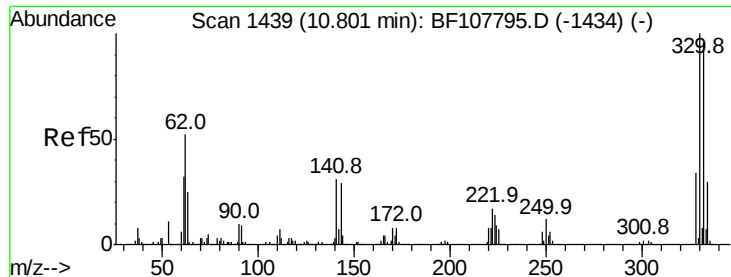
Tot Ion: 82 Resp: 1143800
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 57.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:164 Resp: 265536
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 45.8 38.3 57.5

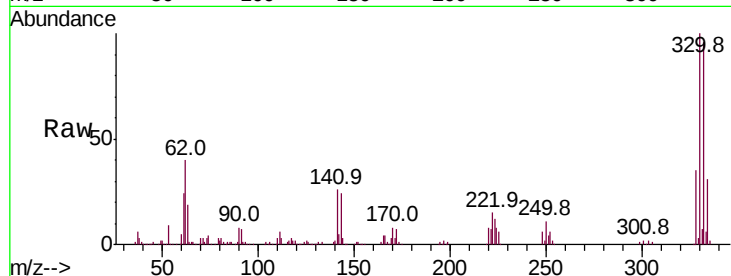




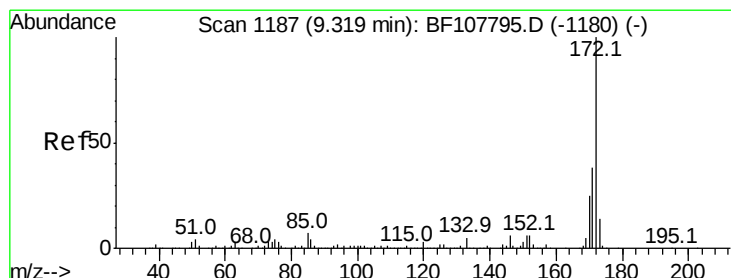
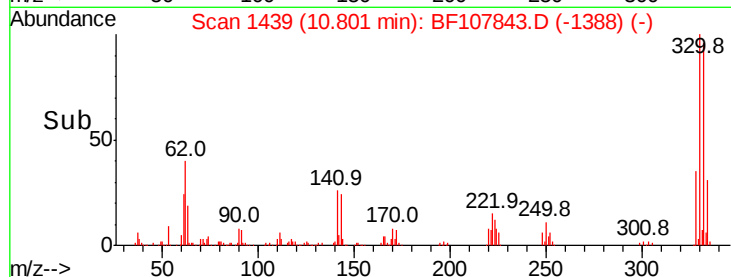
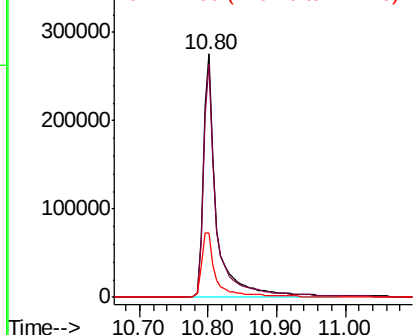
#41
 2,4,6-Tribromophenol
 Concen: 106.050 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107843.D
 Acq: 31 Jul 2018 11:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-A09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.8	29.9	44.9#

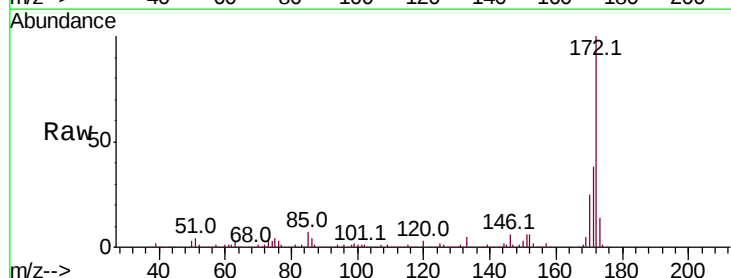


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

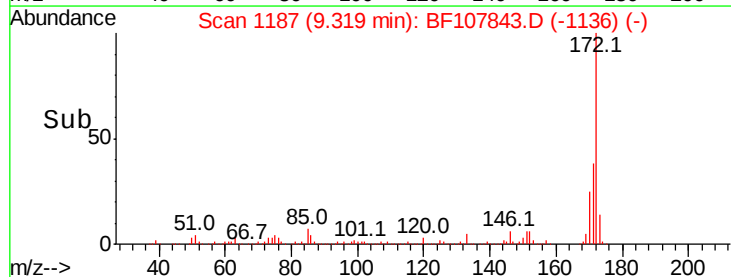
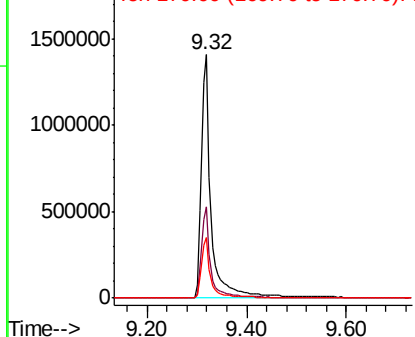


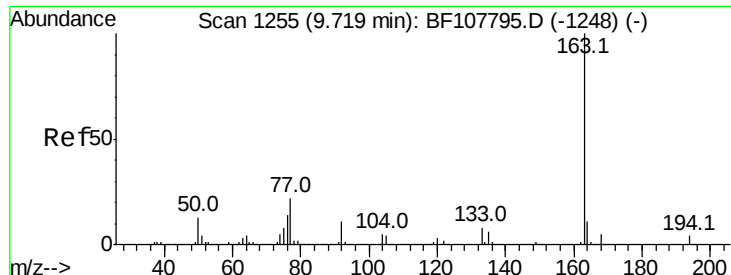
#44
 2-Fluorobiphenyl
 Concen: 102.714 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107843.D
 Acq: 31 Jul 2018 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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

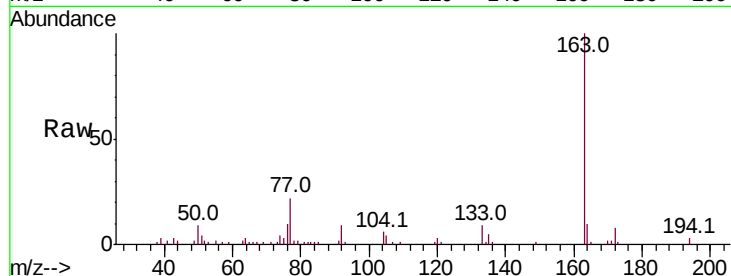




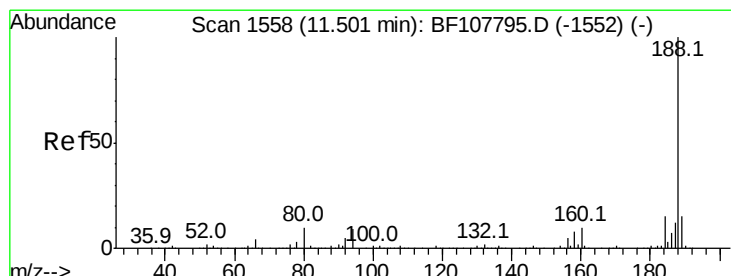
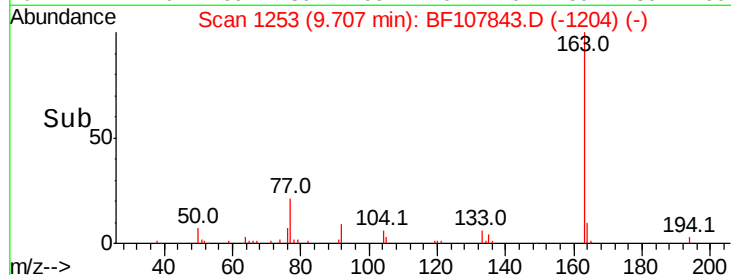
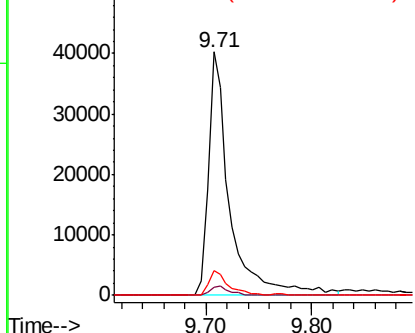
#49
Dimethylphthalate
Concen: 2.847 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampled :
MW-A09

Tot Ion:163 Resp: 56774
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

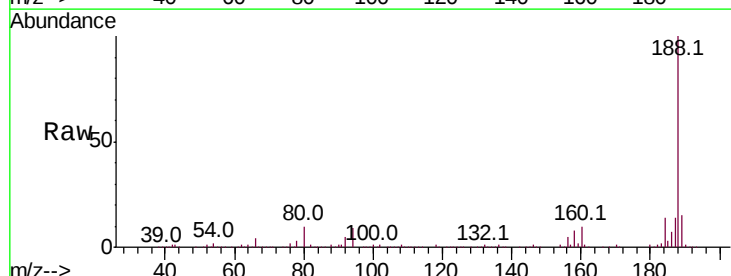


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

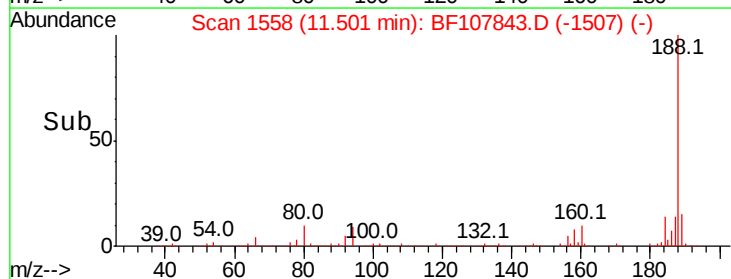
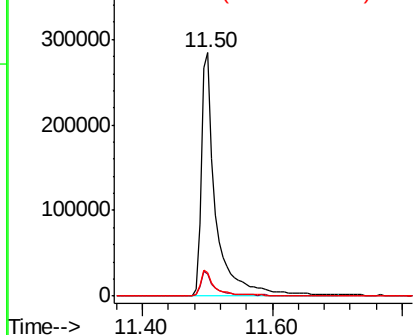


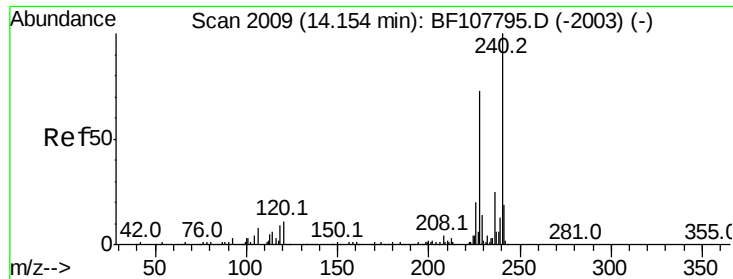
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107843.D
Acq: 31 Jul 2018 11:04

Tgt Ion:188 Resp: 444094
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 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: BF107843.D

Acq: 31 Jul 2018 11:04

Instrument :

BNA_F

ClientSampleId :

MW-A09

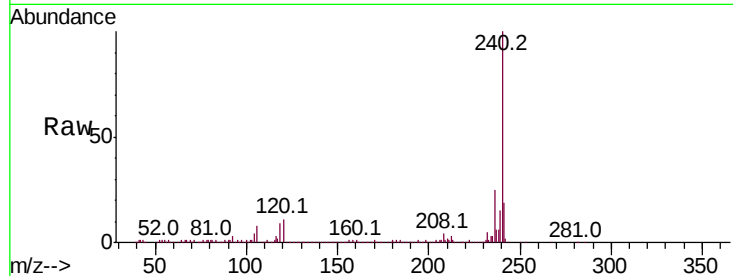
Tot Ion:240 Resp: 464160

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

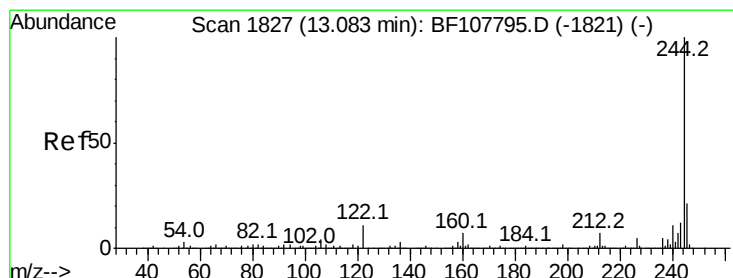
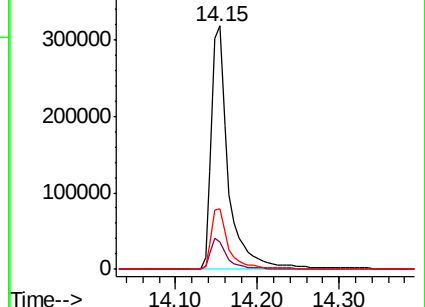
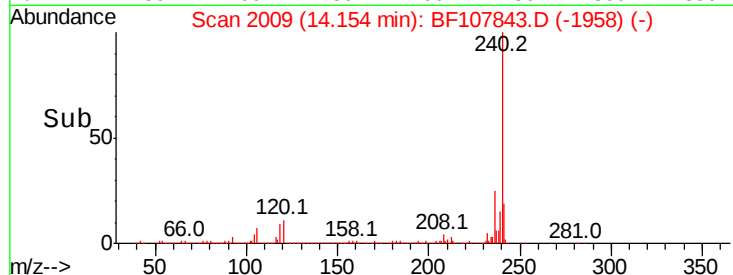
236 25.1 20.7 31.1



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: 73.929 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107843.D

Acq: 31 Jul 2018 11:04

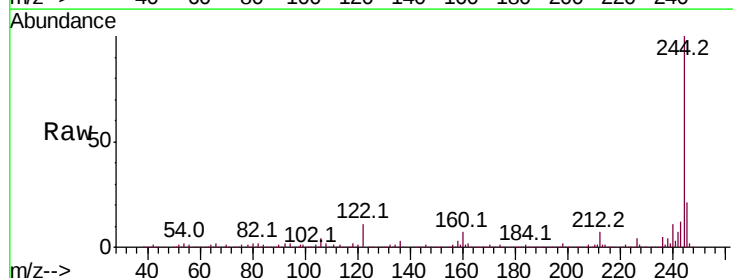
Tgt Ion:244 Resp: 1582481

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

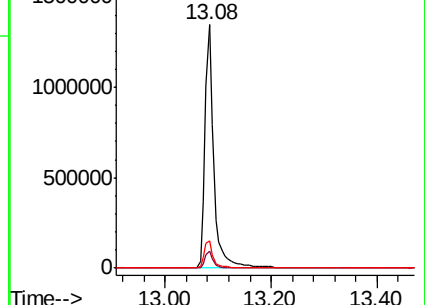
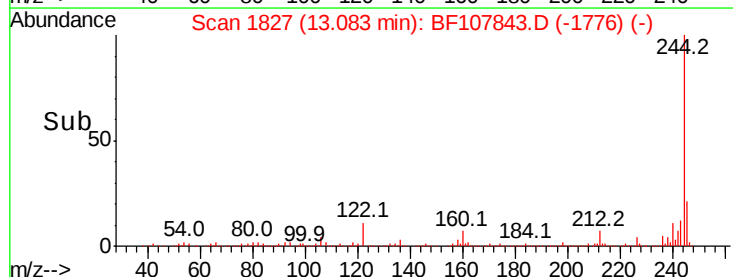
122 11.4 11.0 16.4

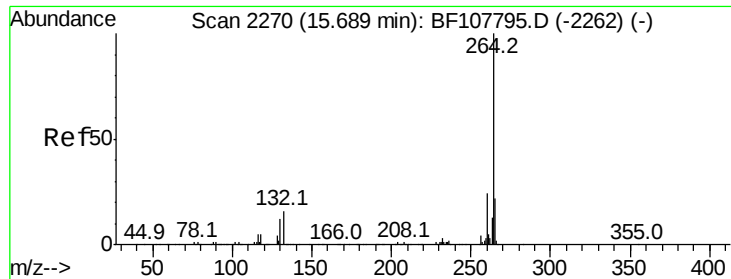


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107843.D
Acq: 31 Jul 2018 11:04

Instrument :
BNA_F
ClientSampleId :
MW-A09

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3

