

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107803.D
 Acq On : 30 Jul 2018 16:46
 Operator : JU/SJ
 Sample : PB111574BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111574BL

Quant Time: Jul 30 18:29:18 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	6.96	152	173286	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	622470	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	295956	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	659556	20.00	ng	0.00
75) Chrysene-d12	14.15	240	538851	20.00	ng	0.00
86) Perylene-d12	15.68	264	447366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1001856	98.26	ng	0.00
7) Phenol-d6	6.60	99	1369728	101.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	722196	66.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	399930	99.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1506273	70.92	ng	0.00
78) Terphenyl-d14	13.08	244	1767040	71.11	ng	0.00

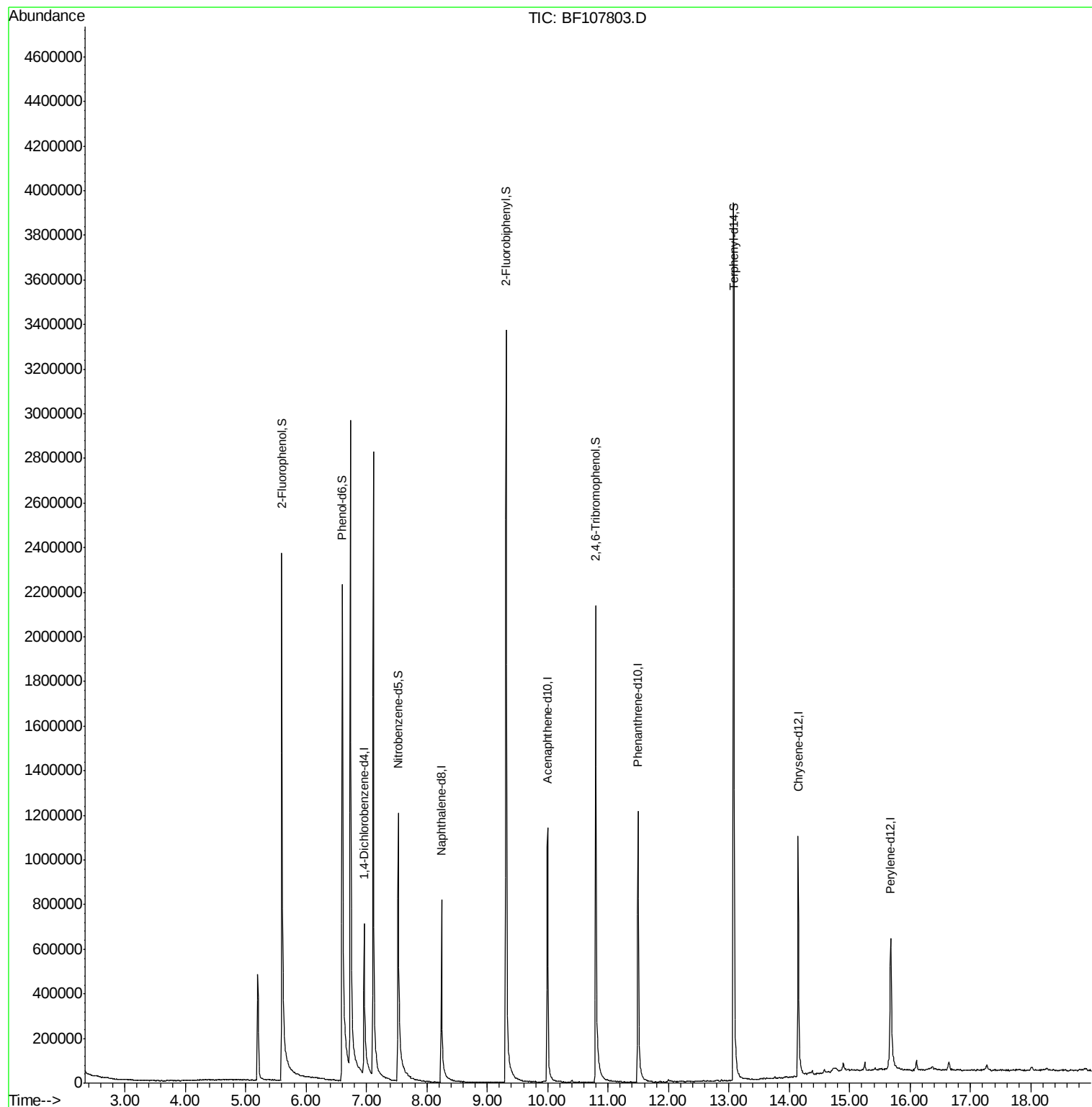
Target Compounds Qvalue

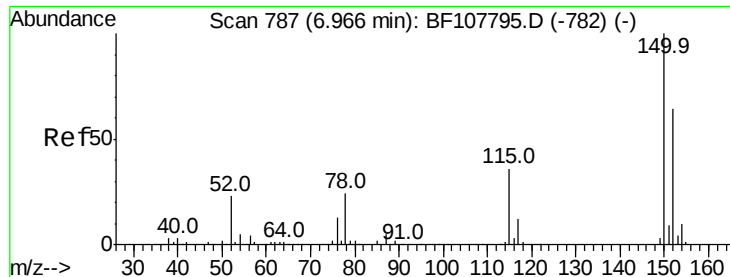
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF107803.D

Acq: 30 Jul 2018 16:46

Instrument :

BNA_F

ClientSampleId :

PB111574BL

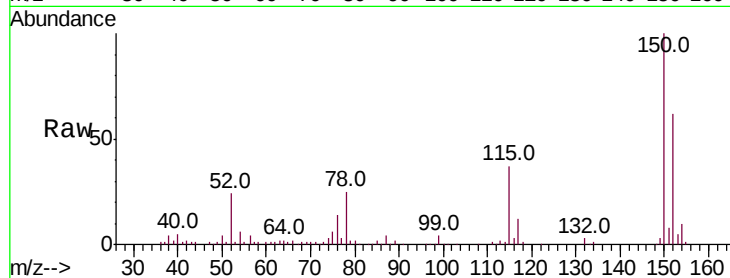
Tot Ion:152 Resp: 173286

Ion Ratio Lower Upper

152 100

150 160.6 124.6 186.8

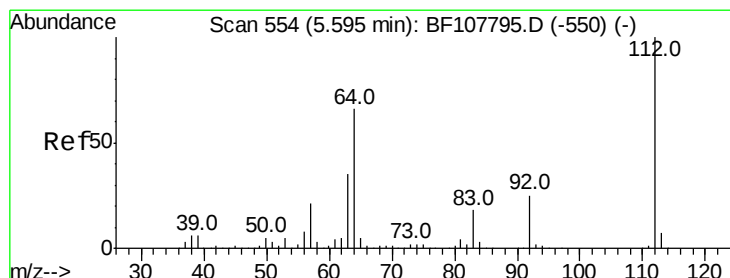
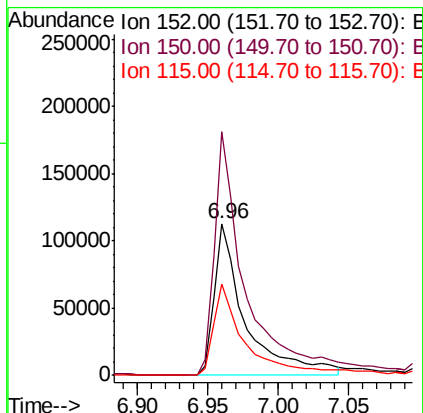
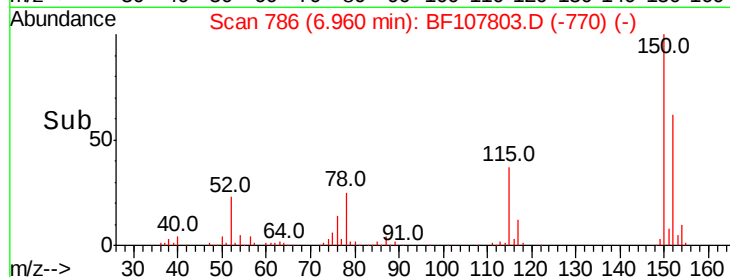
115 60.2 50.1 75.1



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: 98.260 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107803.D

Acq: 30 Jul 2018 16:46

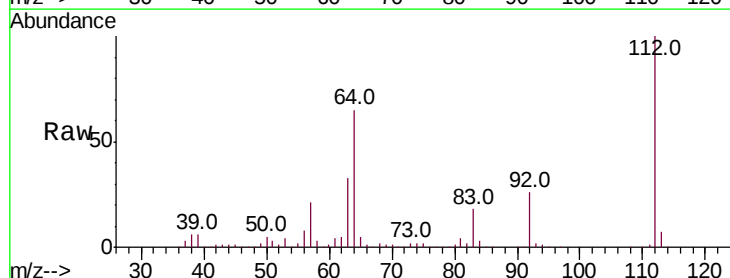
Tgt Ion:112 Resp: 1001856

Ion Ratio Lower Upper

112 100

64 64.6 47.9 71.9

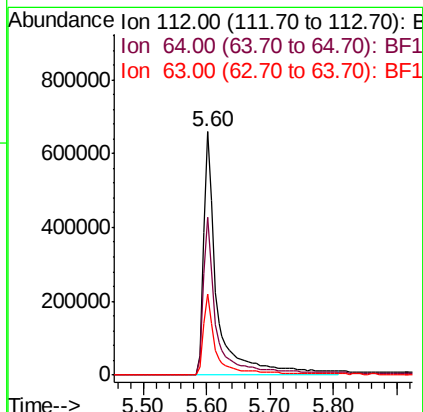
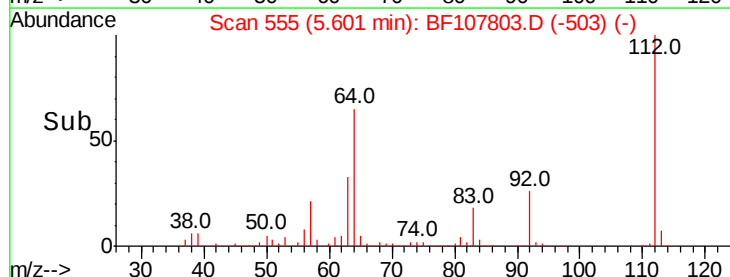
63 33.3 23.7 35.5

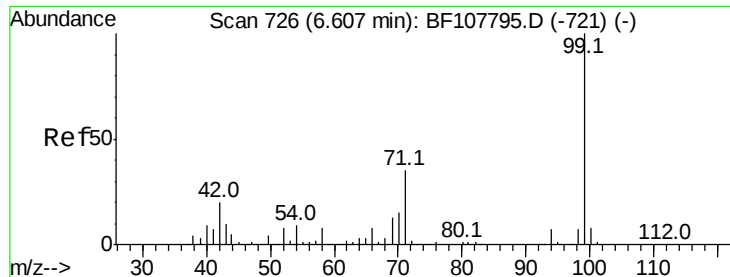


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.931 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107803.D

Acq: 30 Jul 2018 16:46

Instrument :

BNA_F

ClientSampleId :

PB111574BL

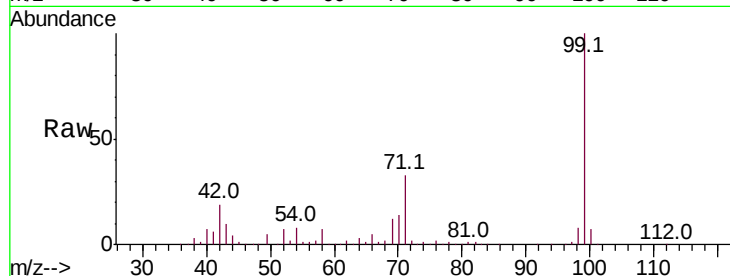
Tot Ion: 99 Resp: 1369728

Ion Ratio Lower Upper

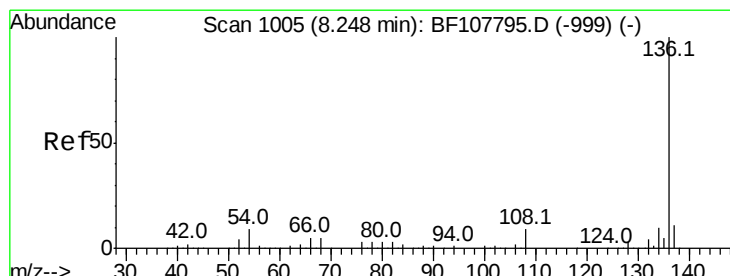
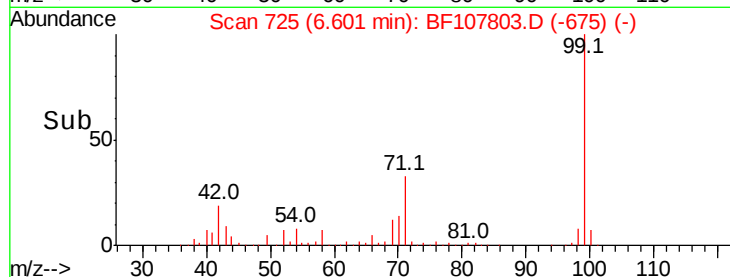
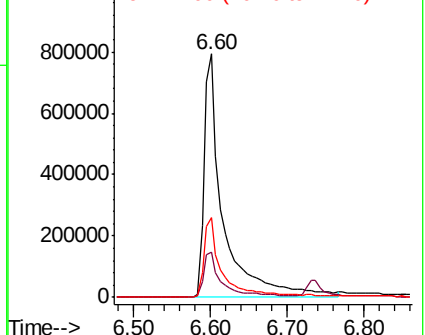
99 100

42 18.6 14.5 21.7

71 32.6 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: BF107803.D

Acq: 30 Jul 2018 16:46

Tgt Ion: 136 Resp: 622470

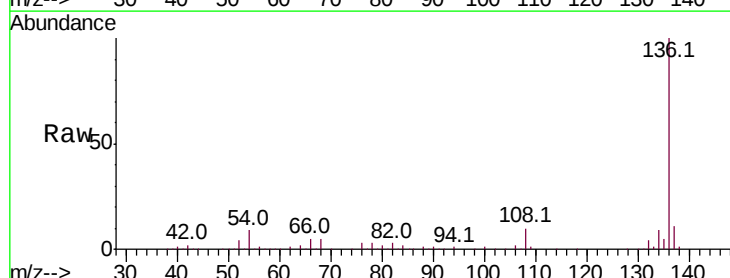
Ion Ratio Lower Upper

136 100

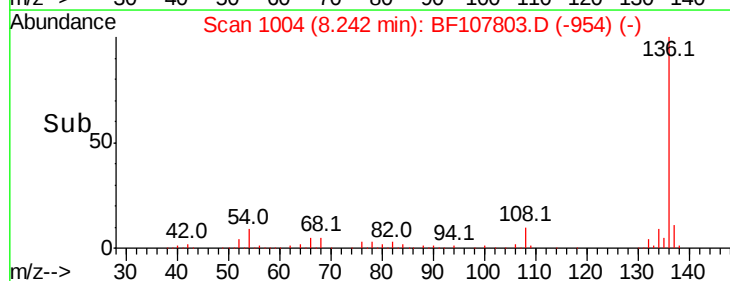
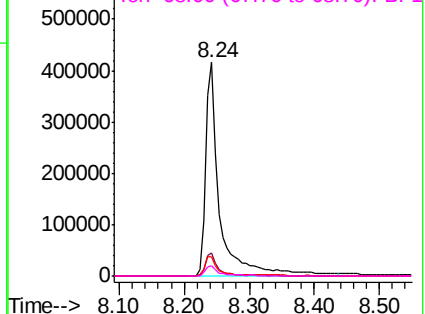
137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 4.7 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

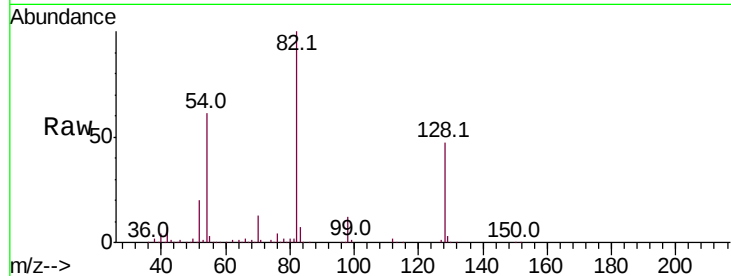




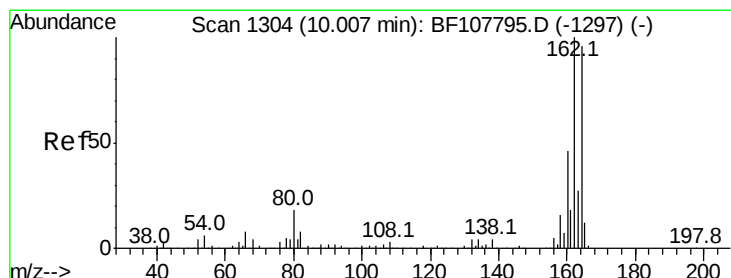
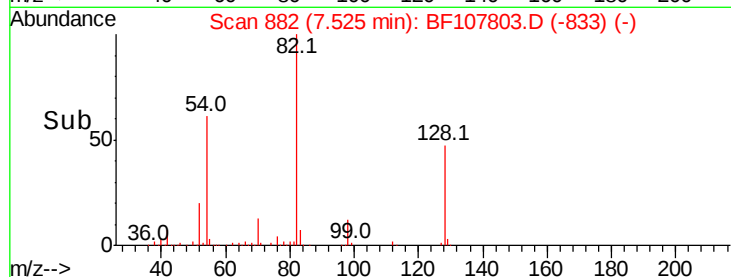
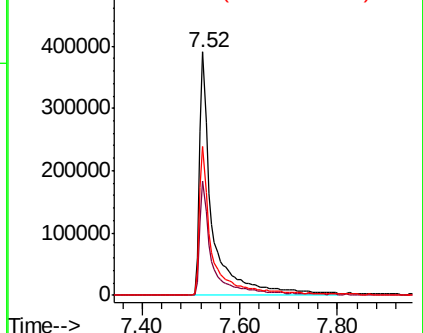
#23
Nitrobenzene-d5
Concen: 66.840 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tot Ion: 82 Resp: 722196
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 61.0 41.4 62.2

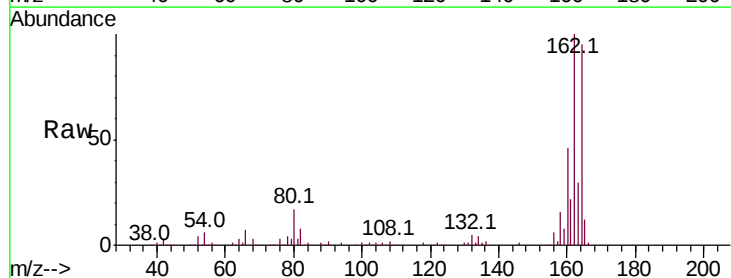


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

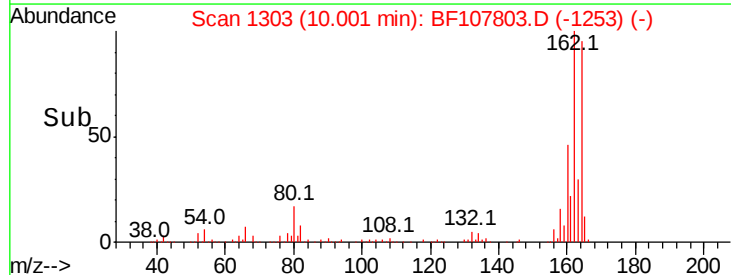
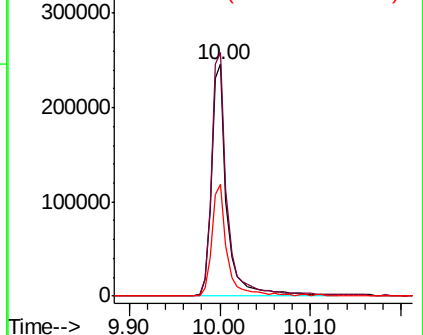


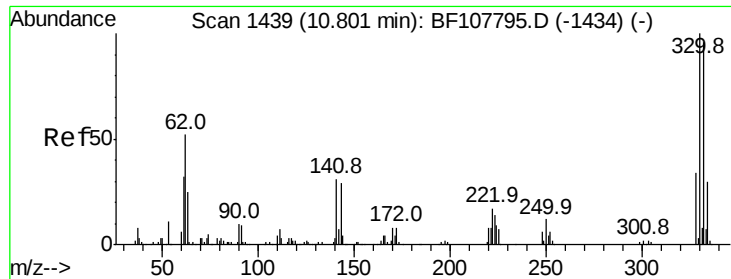
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:164 Resp: 295956
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 48.4 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

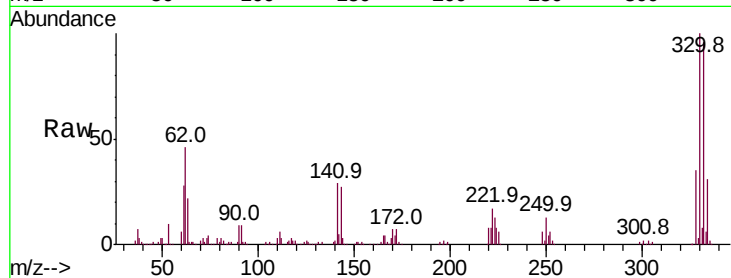




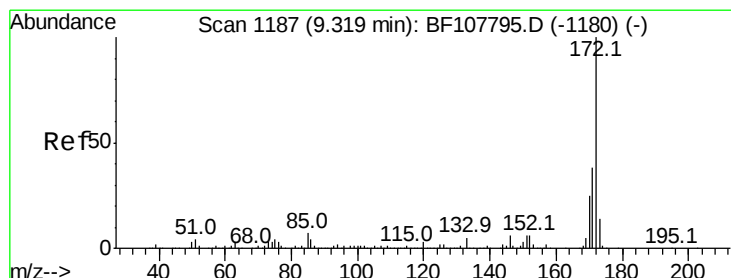
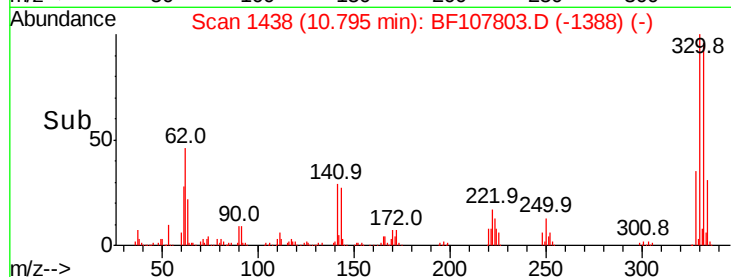
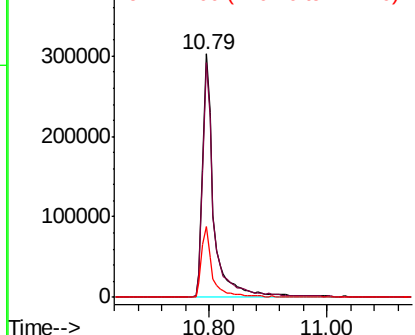
#41
 2,4,6-Tribromophenol
 Concen: 99.449 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107803.D
 Acq: 30 Jul 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB111574BL

Tot Ion:330 Resp: 399930
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 27.9 29.9 44.9#

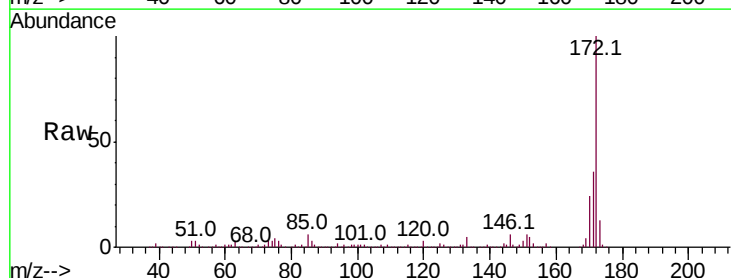


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

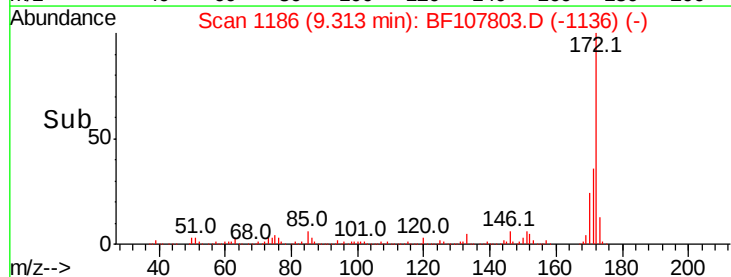
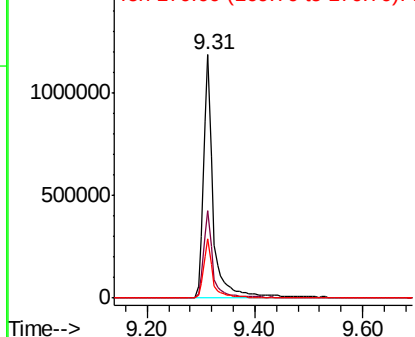


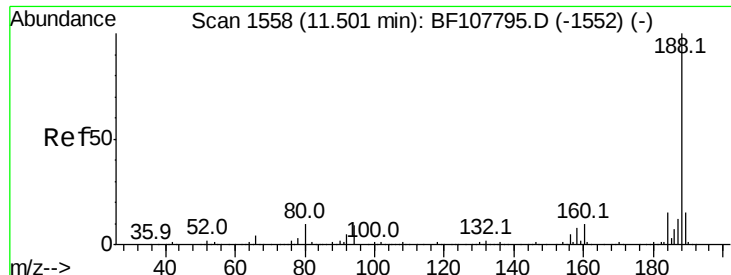
#44
 2-Fluorobiphenyl
 Concen: 70.922 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107803.D
 Acq: 30 Jul 2018 16:46

Tgt Ion:172 Resp: 1506273
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.5 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

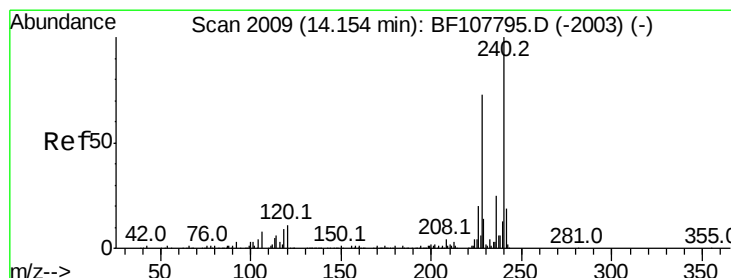
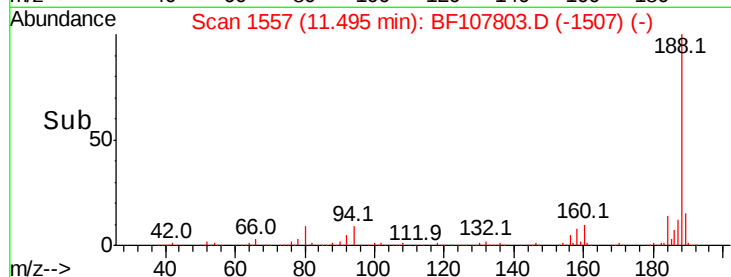
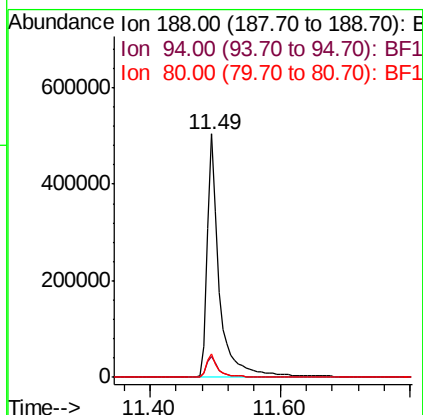
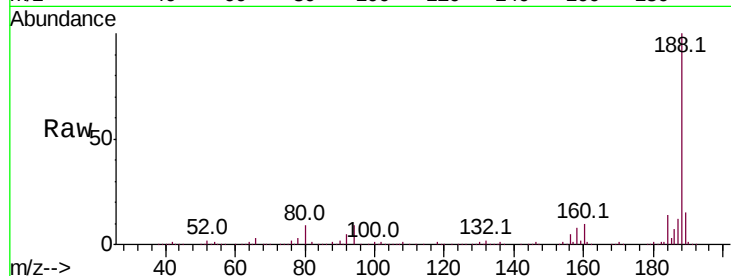




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

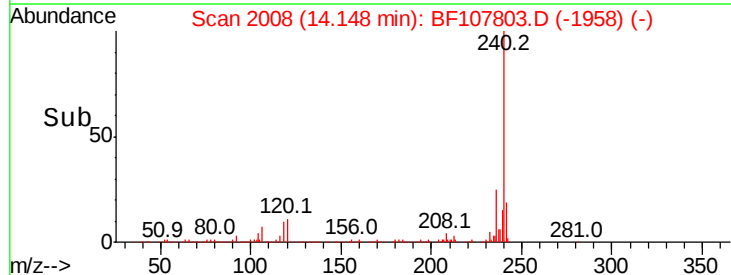
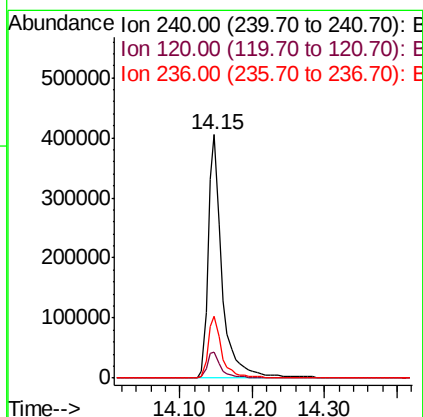
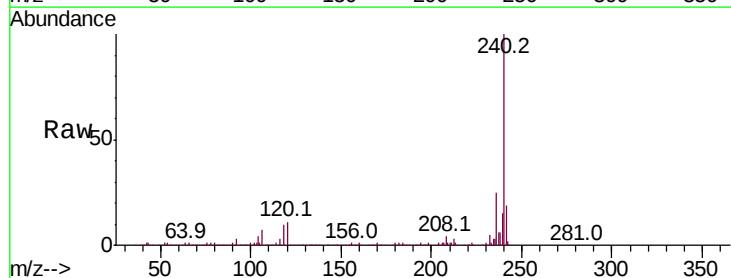
Instrument :
BNA_F
ClientSampleId :
PB111574BL

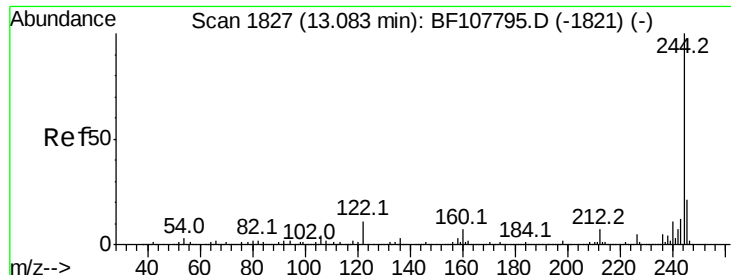
Tot Ion:188 Resp: 659556
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:240 Resp: 538851
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 71.109 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107803.D

Acq: 30 Jul 2018 16:46

Instrument :

BNA_F

ClientSampleId :

PB111574BL

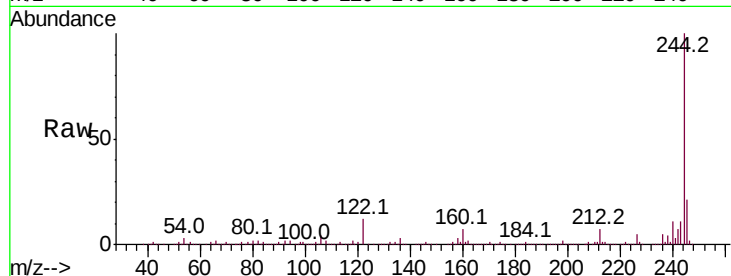
Tot Ion:244 Resp: 1767040

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

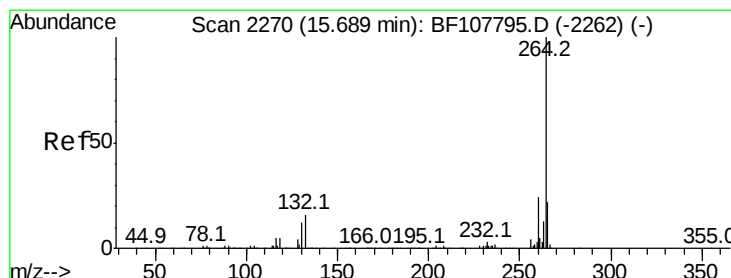
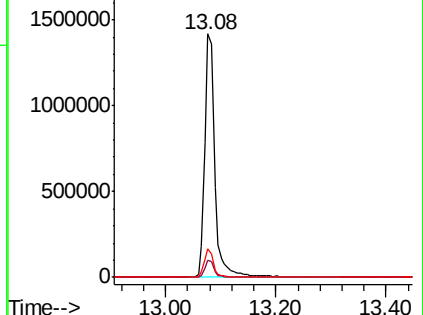
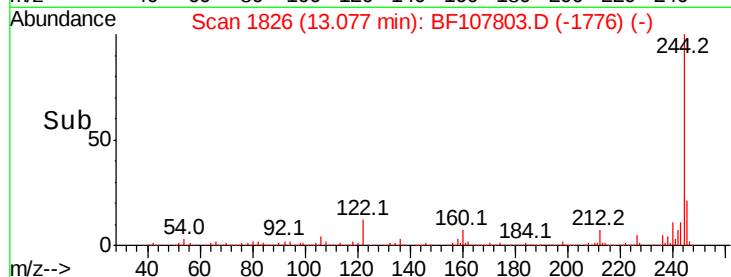
122 11.9 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107803.D

Acq: 30 Jul 2018 16:46

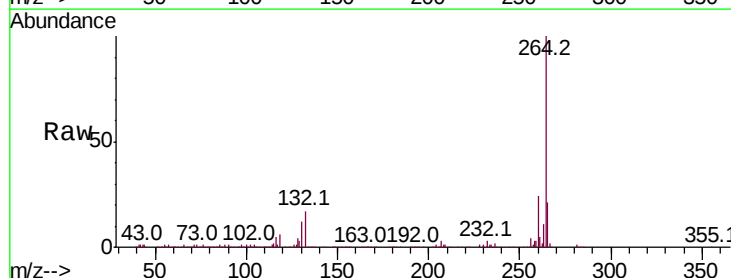
Tgt Ion:264 Resp: 447366

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.8 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

