

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107884.D
 Acq On : 1 Aug 2018 13:05
 Operator : JU/SJ
 Sample : PB111656BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

Quant Time: Aug 01 14:02:28 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	131422	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	539980	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	244995	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	510318	20.00	ng	0.00
75) Chrysene-d12	14.15	240	407085	20.00	ng	0.00
86) Perylene-d12	15.69	264	406149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	918132	118.73	ng	0.00
7) Phenol-d6	6.60	99	1134384	111.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	773145	82.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	367073	110.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1478949	84.12	ng	0.00
78) Terphenyl-d14	13.08	244	1444675	76.95	ng	0.00

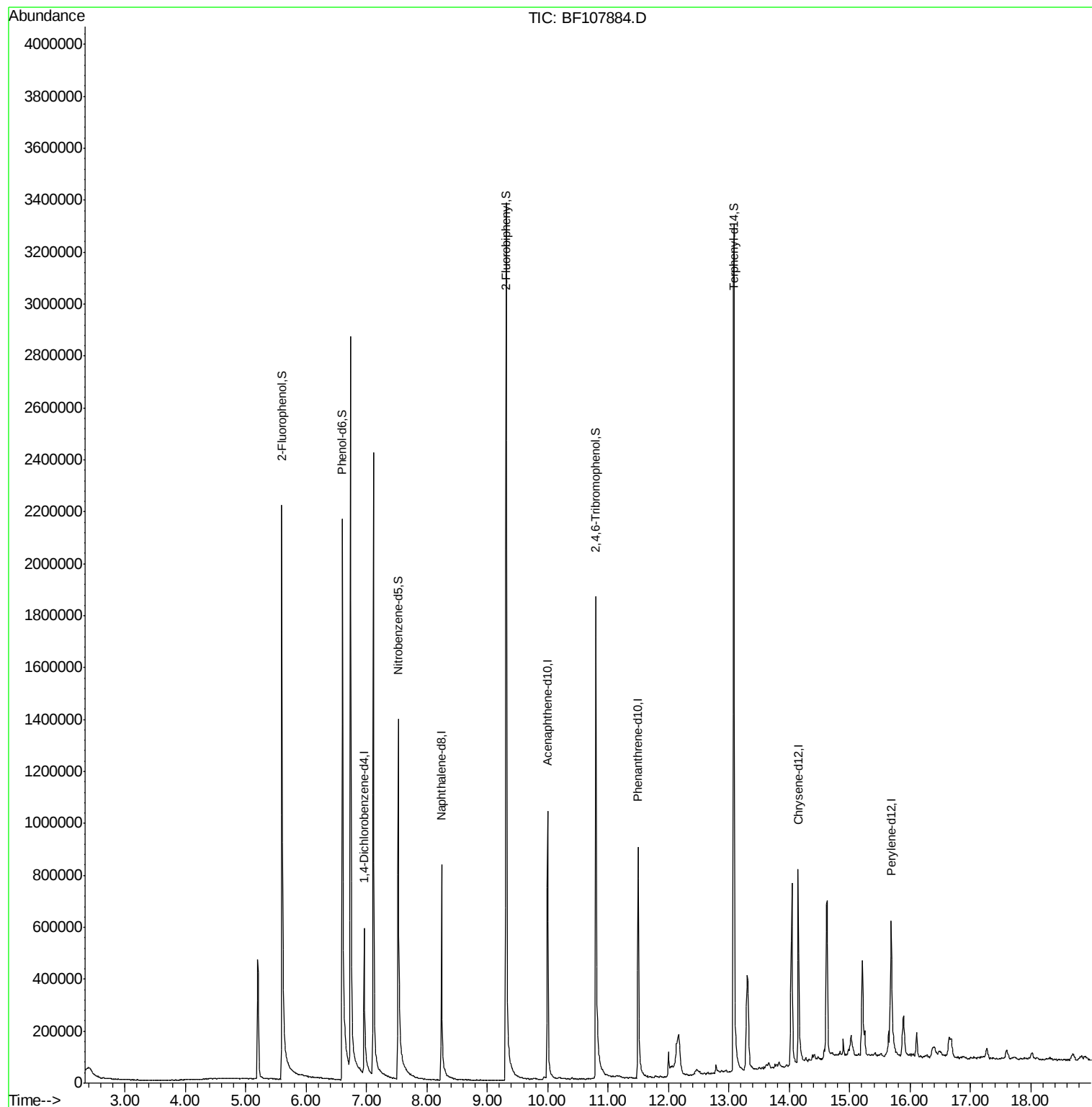
Target Compounds Qvalue

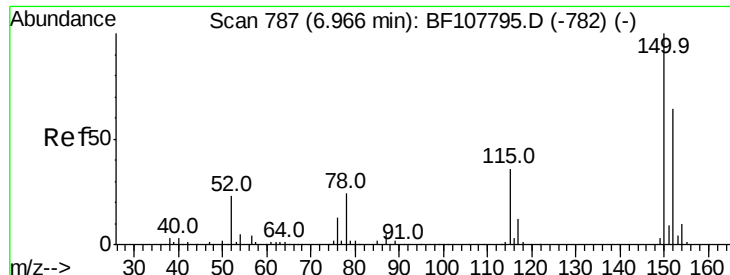
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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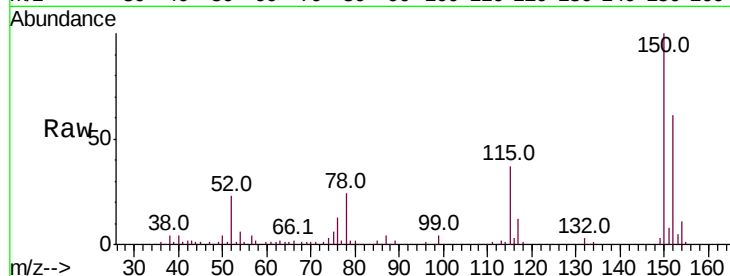


#1

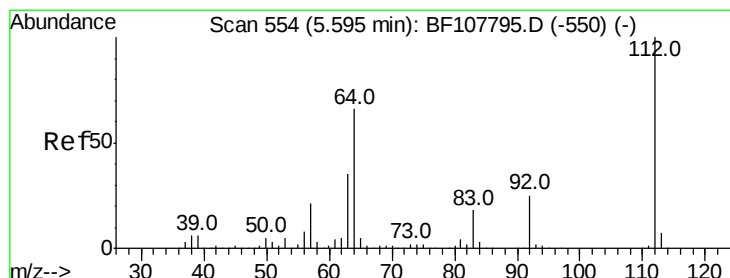
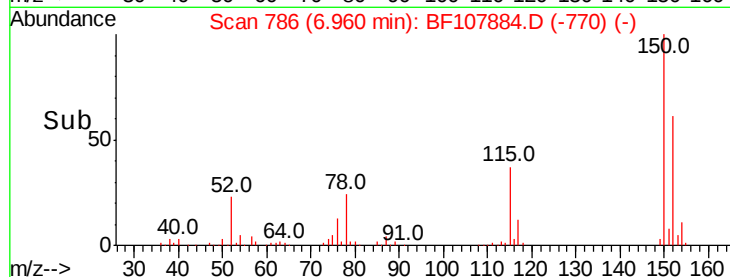
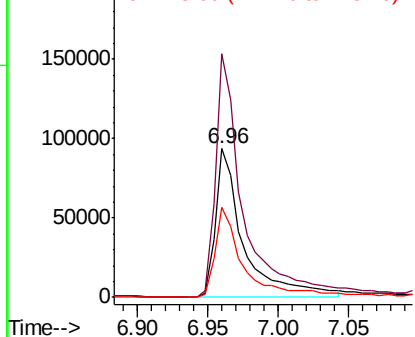
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB111656BL

Tot Ion:152 Resp: 131422
Ion Ratio Lower Upper
152 100
150 163.6 124.6 186.8
115 60.1 50.1 75.1



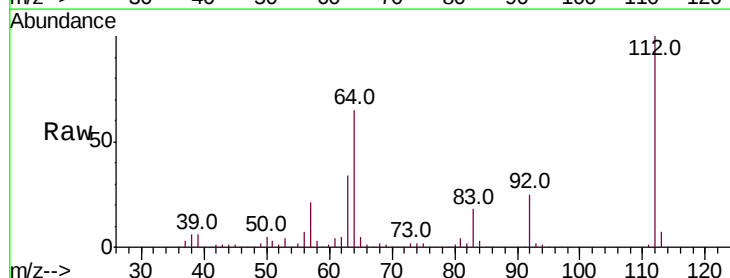
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



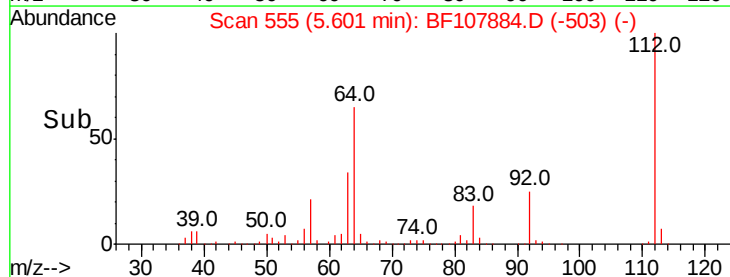
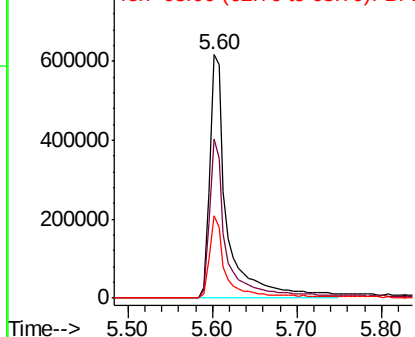
#5

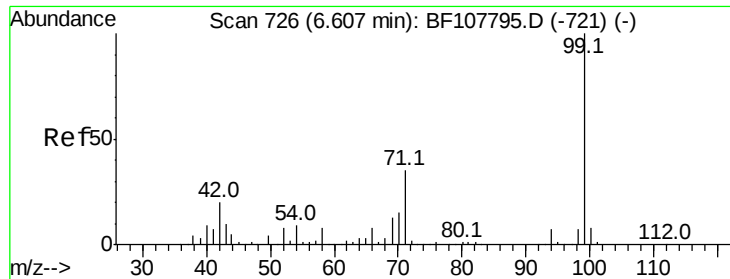
2-Fluorophenol
Concen: 118.733 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Tgt Ion:112 Resp: 918132
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 34.0 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: 111.309 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB111656BL

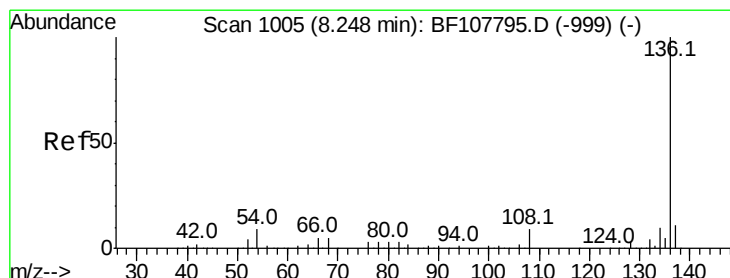
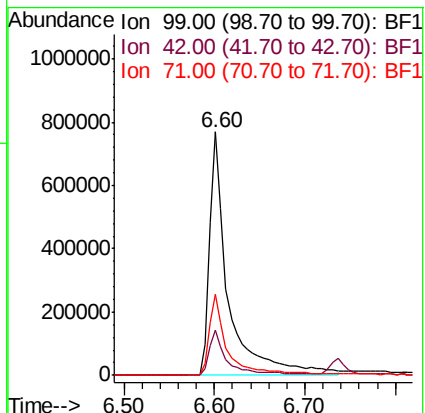
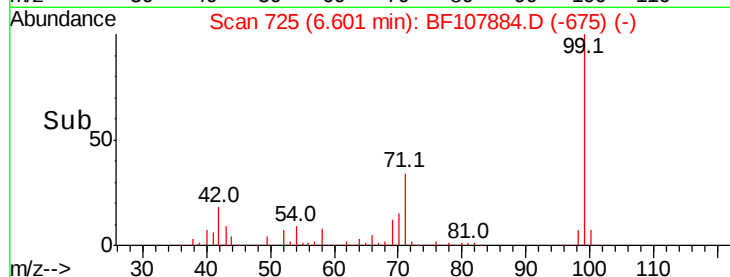
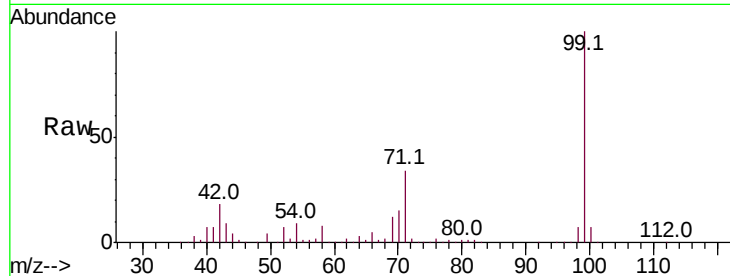
Tot Ion: 99 Resp: 1134384

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 33.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Tgt Ion: 136 Resp: 539980

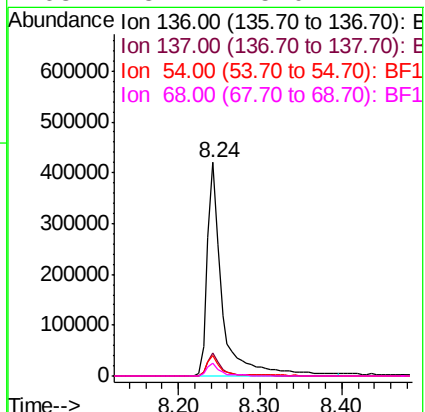
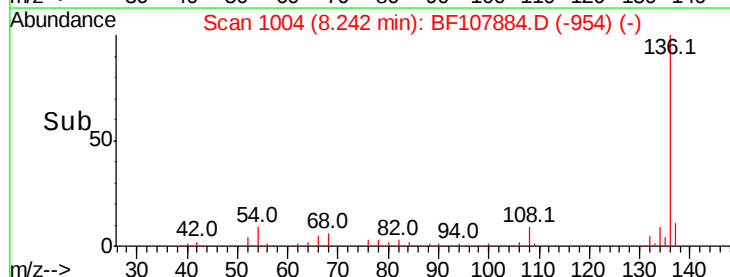
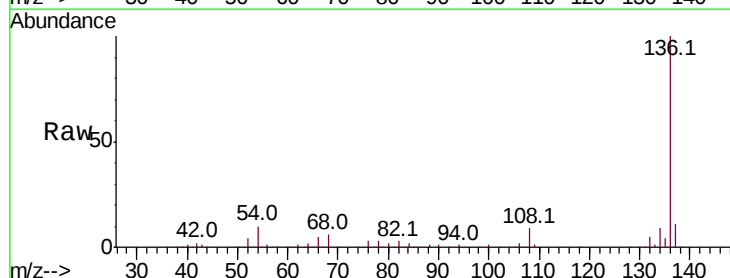
Ion Ratio Lower Upper

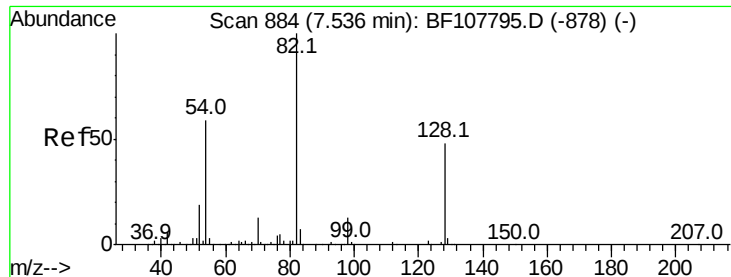
136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 5.7 5.0 7.4

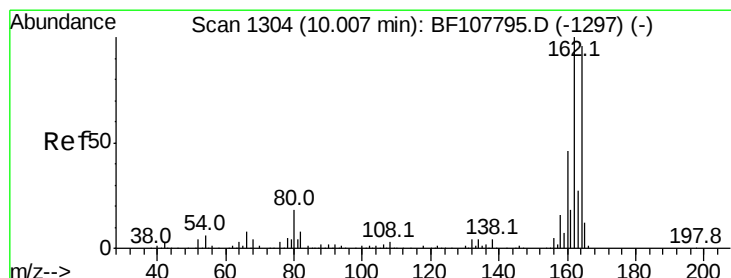
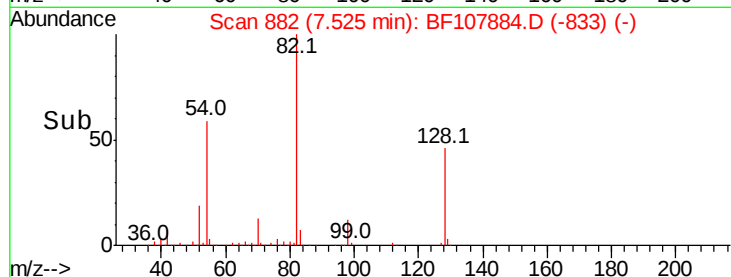
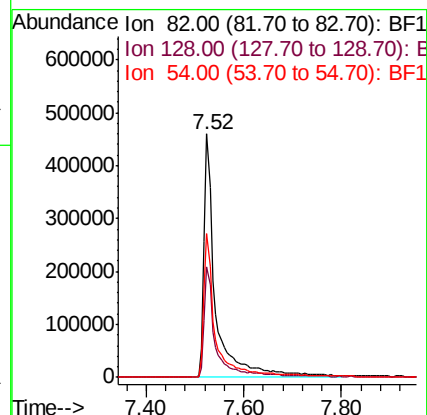
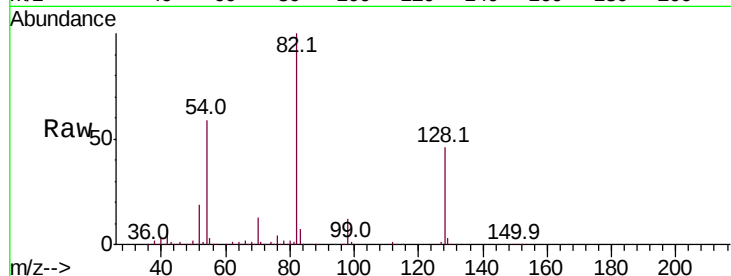




#23
 Nitrobenzene-d5
 Concen: 82.487 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

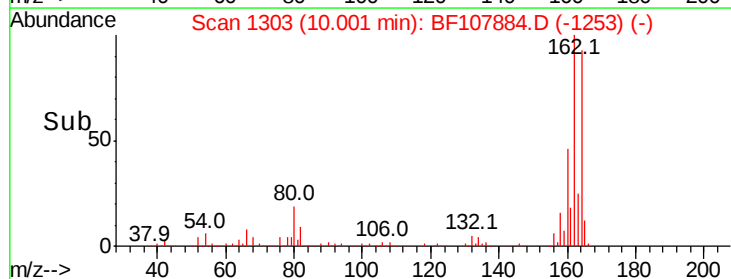
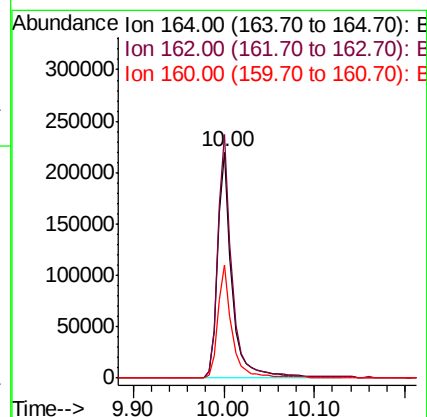
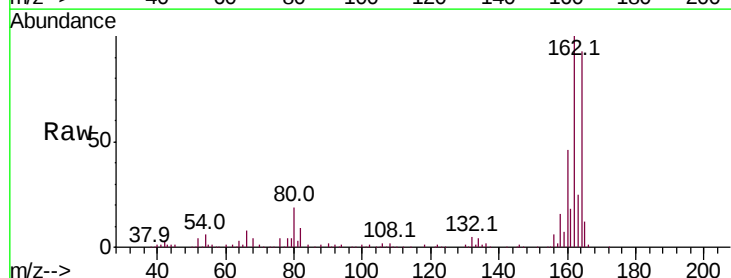
Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

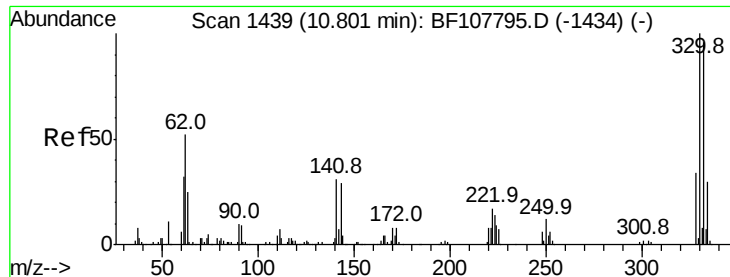
Tot Ion: 82 Resp: 773145
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 59.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

Tgt Ion:164 Resp: 244995
 Ion Ratio Lower Upper
 164 100
 162 107.7 86.1 129.1
 160 49.8 38.3 57.5

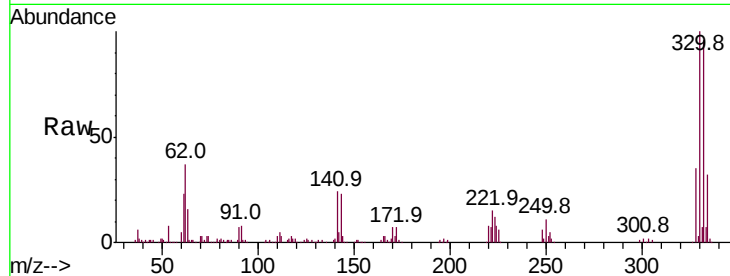




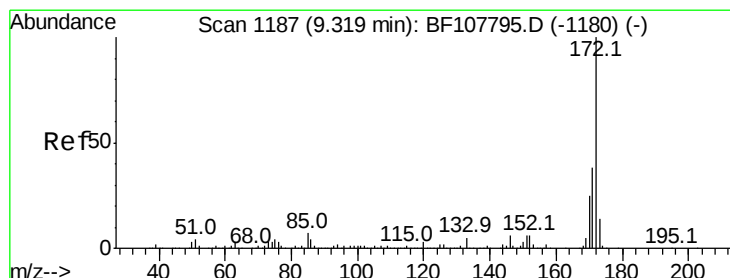
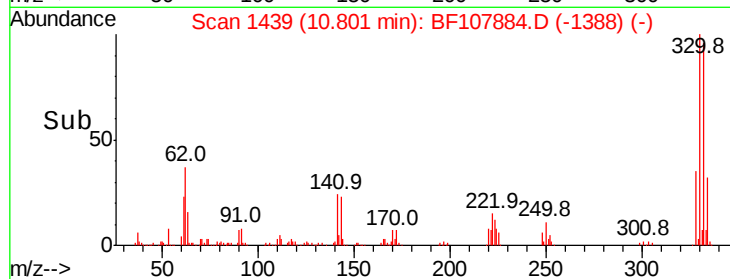
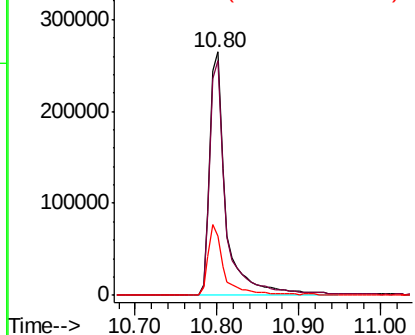
#41
 2,4,6-Tribromophenol
 Concen: 110.266 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	29.9	44.9#

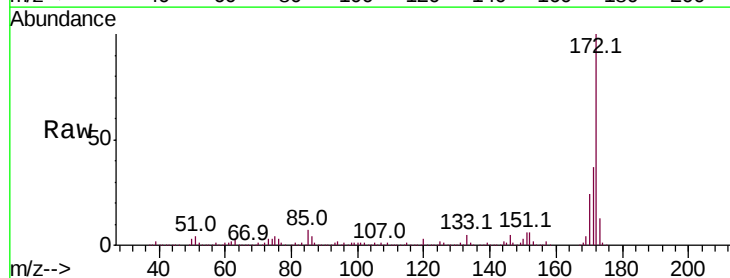


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

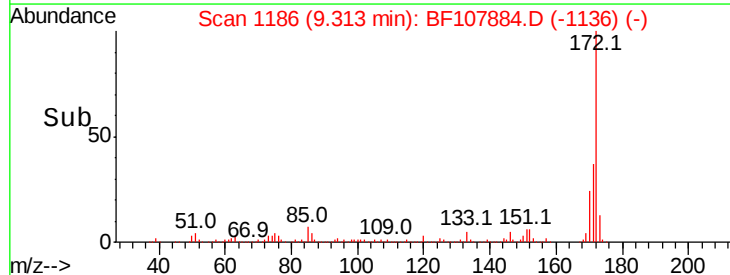
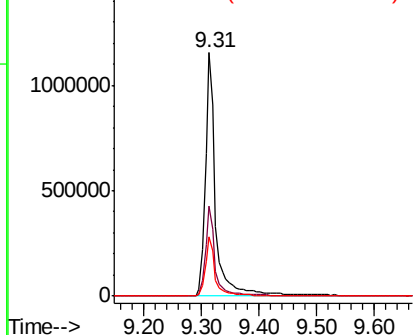


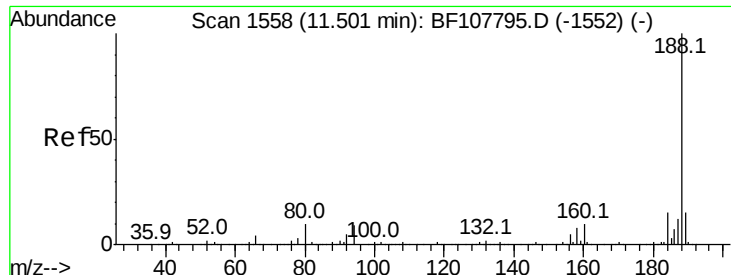
#44
 2-Fluorobiphenyl
 Concen: 84.120 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	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: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB111656BL

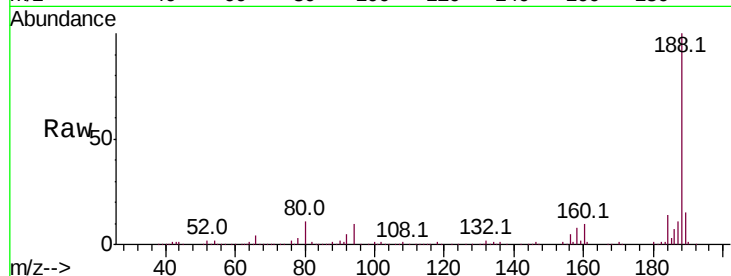
Tot Ion:188 Resp: 510318

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

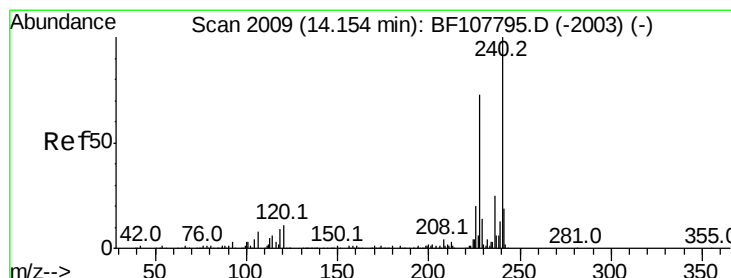
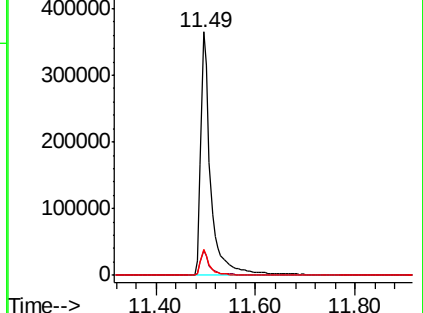
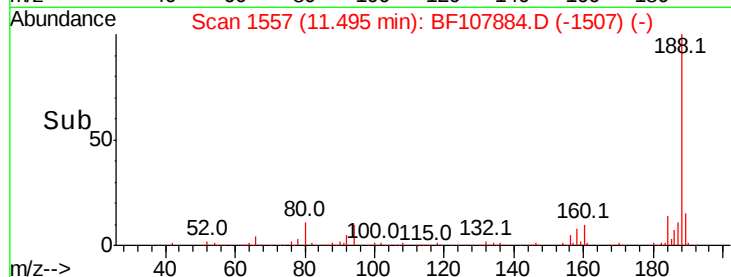
80 10.8 9.2 13.8



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# 2008

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

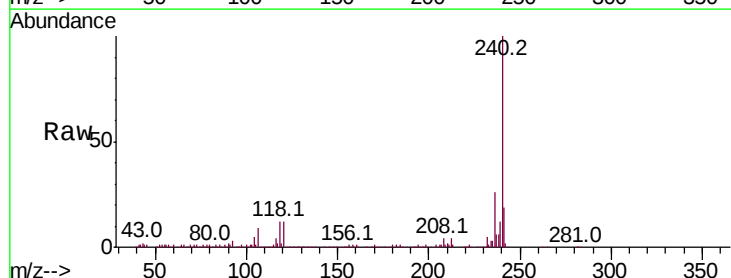
Tgt Ion:240 Resp: 407085

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

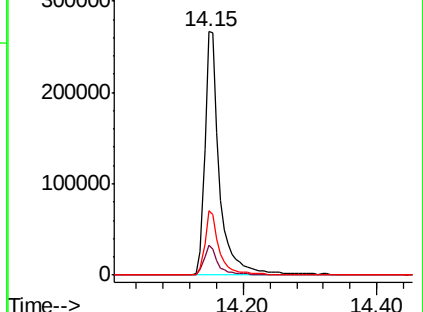
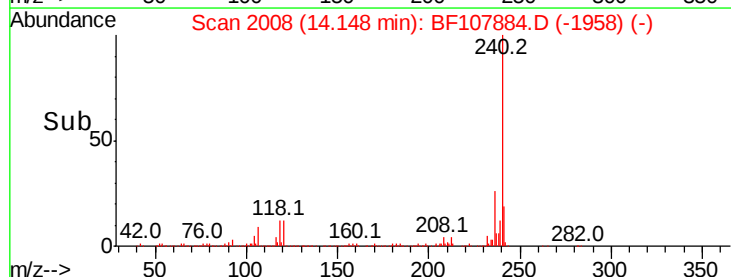
236 26.5 20.7 31.1

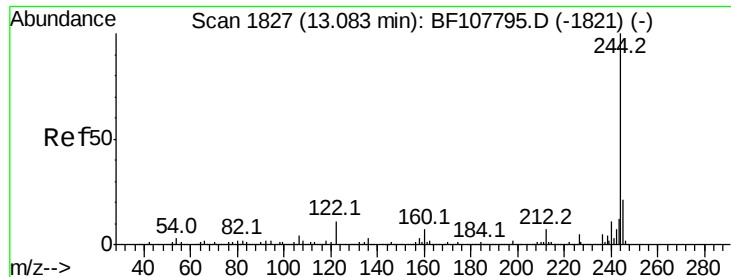


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.954 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

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PB111656BL

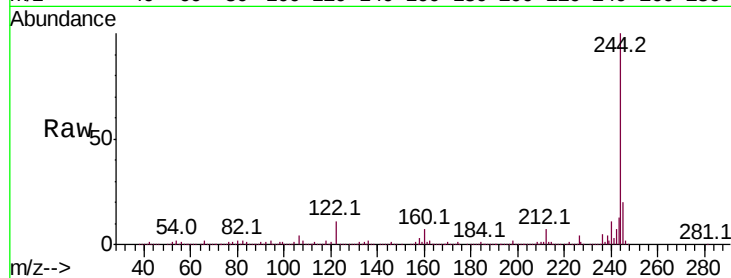
Tot Ion:244 Resp: 1444675

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

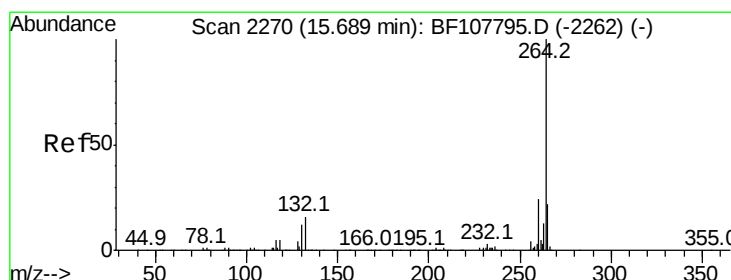
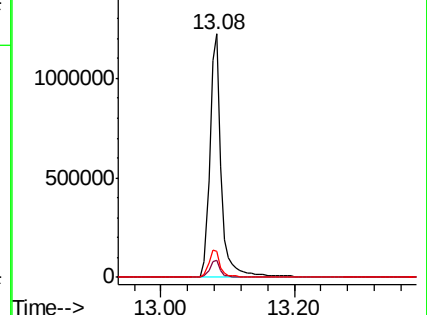
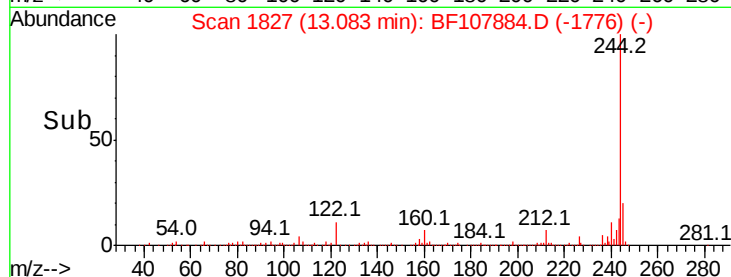
122 10.6 11.0 16.4#



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: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

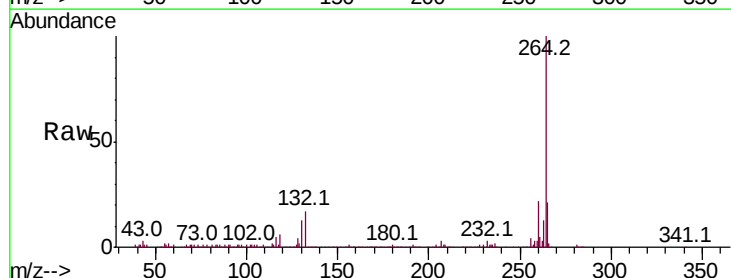
Tgt Ion:264 Resp: 406149

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.2 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

