

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107747.D
 Acq On : 27 Jul 2018 15:53
 Operator : JU/SJ
 Sample : J4121-08 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Quant Time: Jul 27 18:46:46 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	6.96	152	159605	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	661656	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	287730	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	513084	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	437430	20.00	ng	-0.02
86) Perylene-d12	15.68	264	477638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	432577	43.58	ng	-0.02
7) Phenol-d6	6.60	99	577329	48.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	380577	38.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	178248	54.48	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	740708	36.66	ng	-0.02
78) Terphenyl-d14	13.08	244	597145	34.95	ng	-0.02

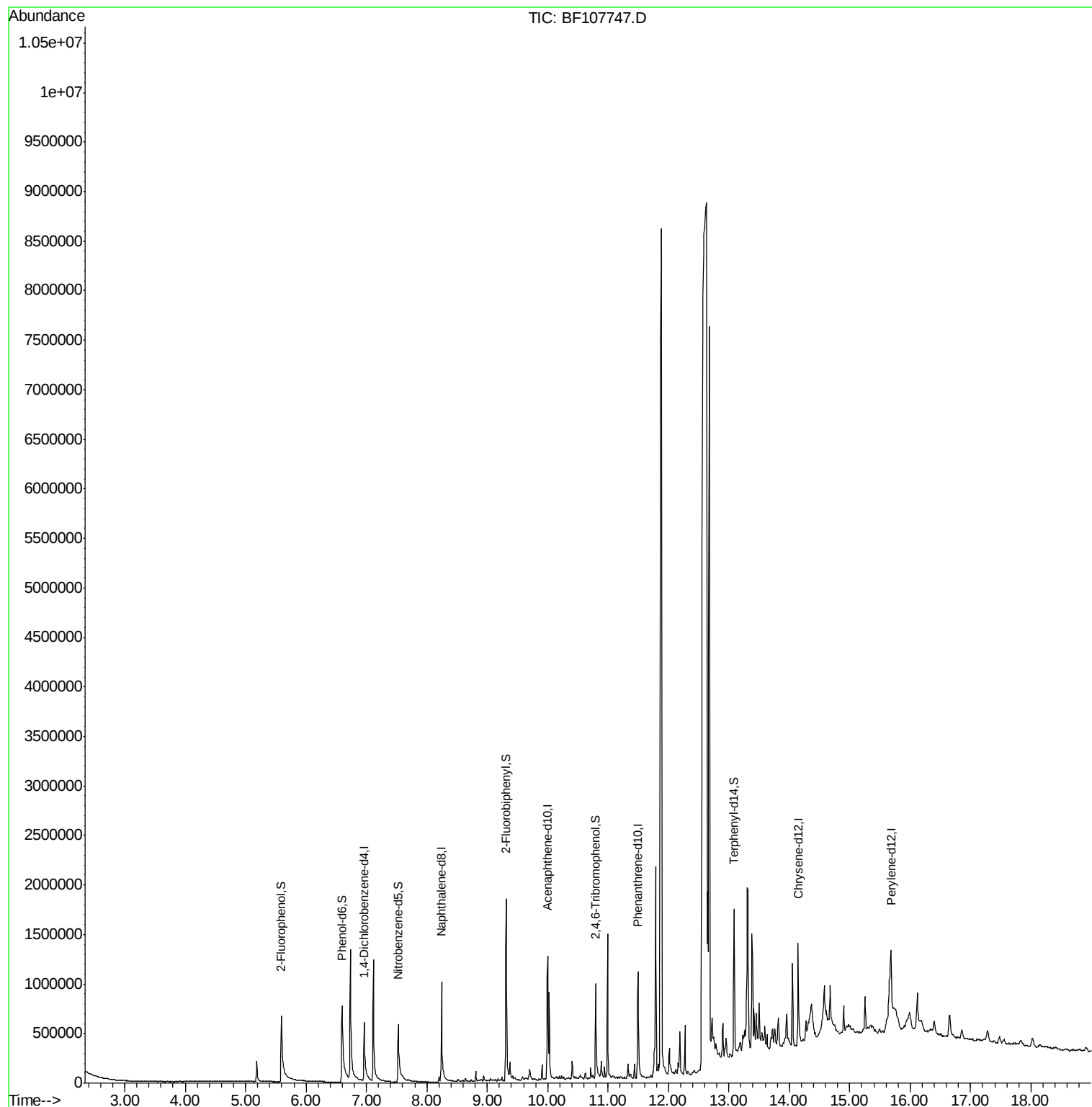
Target Compounds Qvalue

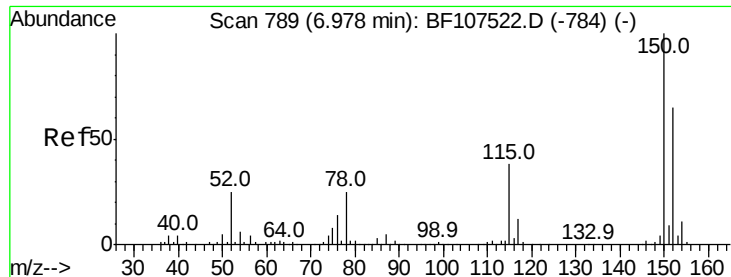
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 16:29:27 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

SB-7(8-10)

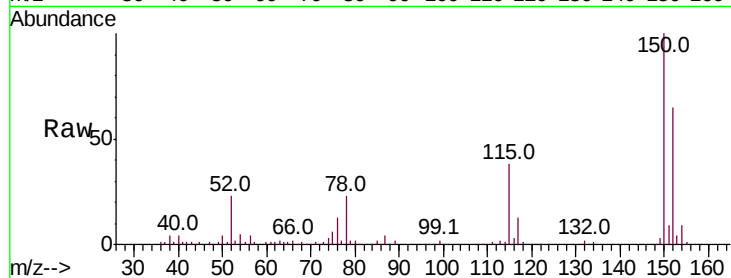
Tot Ion:152 Resp: 159605

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

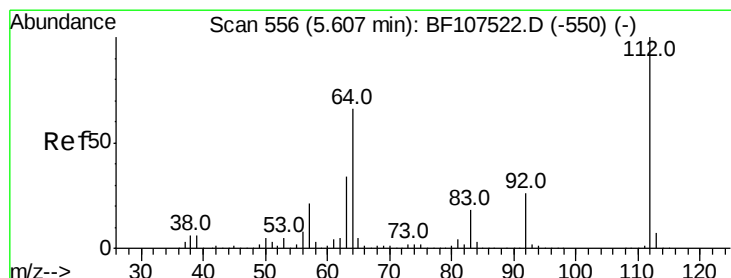
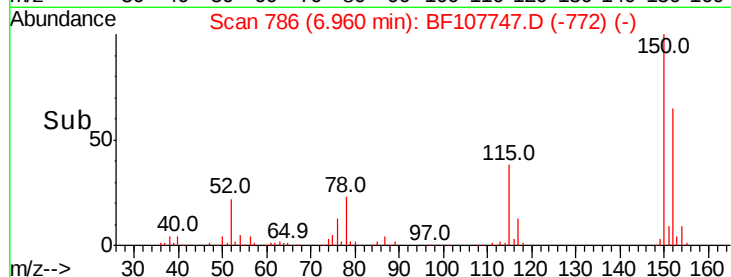
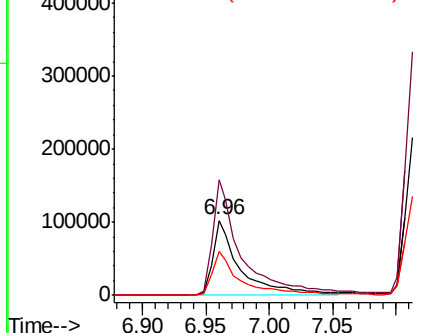
115 58.5 50.1 75.1



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: 43.576 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

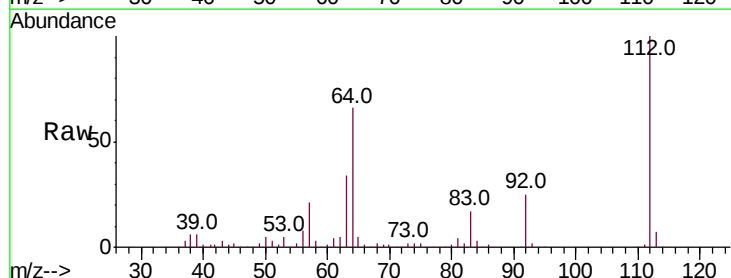
Tgt Ion:112 Resp: 432577

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

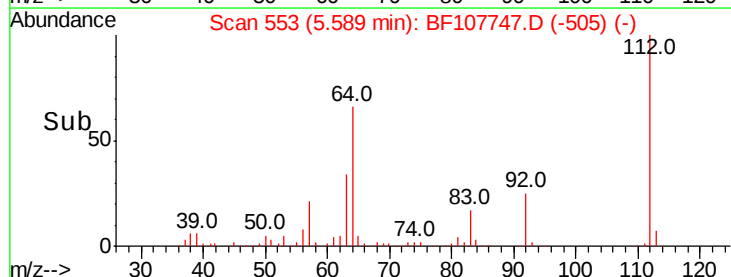
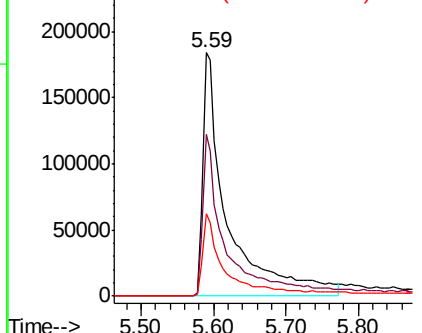
63 33.6 23.7 35.5

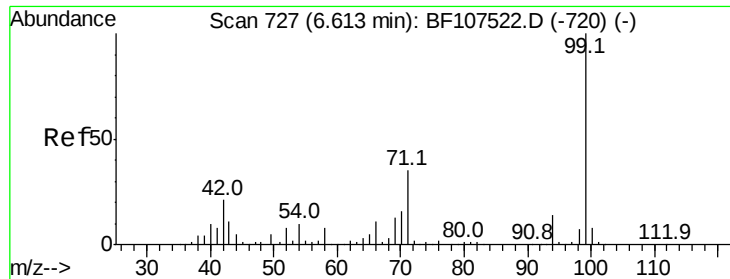


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.435 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

SB-7(8-10)

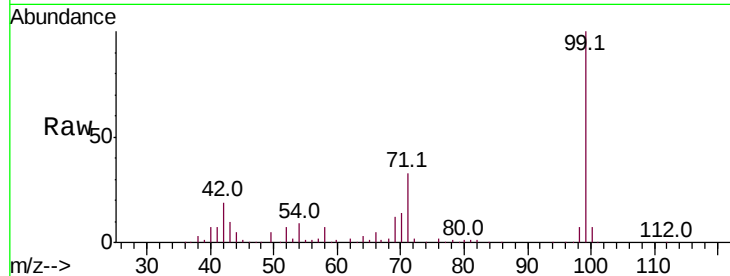
Tot Ion: 99 Resp: 577329

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

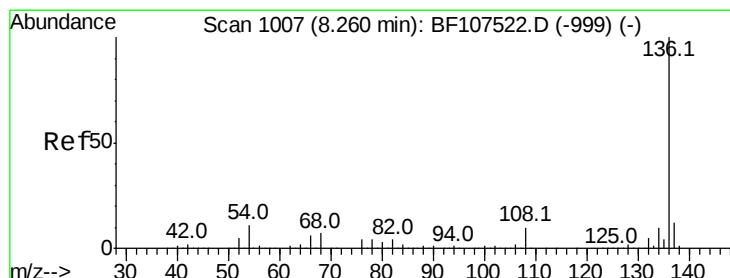
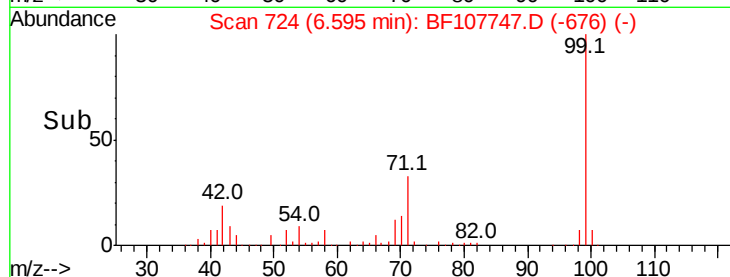
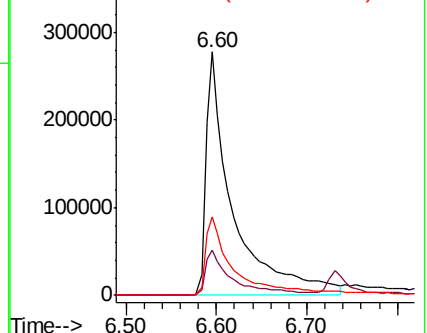
71 32.5 25.4 38.0



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. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Tgt Ion: 136 Resp: 661656

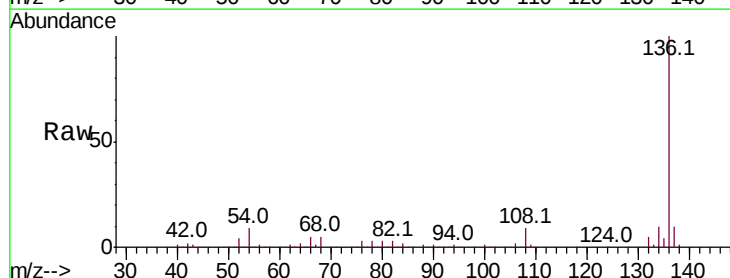
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.1 6.6 9.8

68 5.2 5.0 7.4

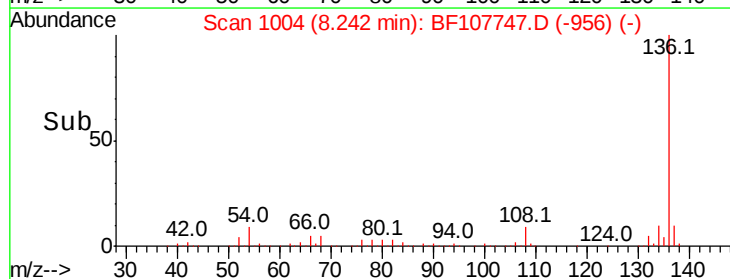
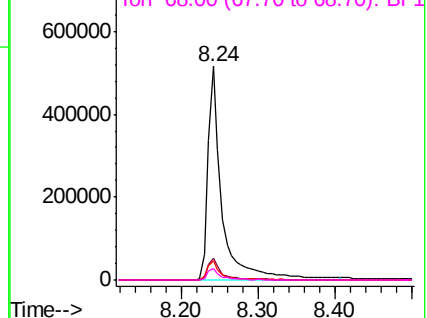


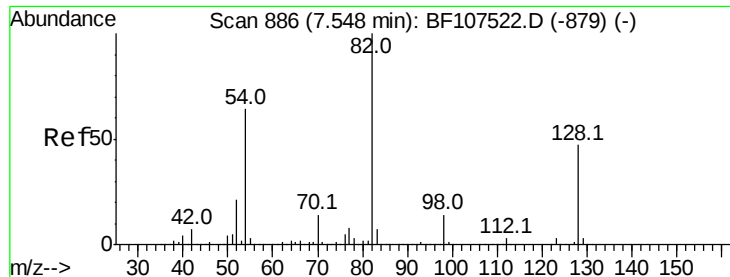
Abundance Ion 136.00 (135.70 to 136.70): E

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

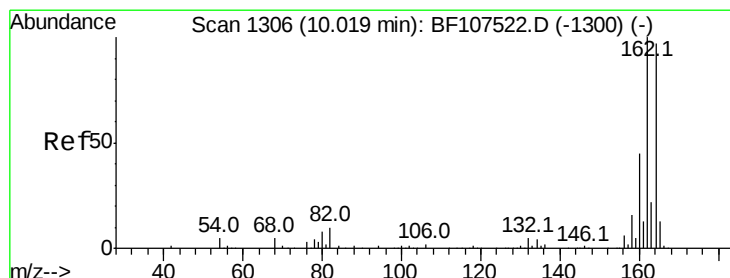
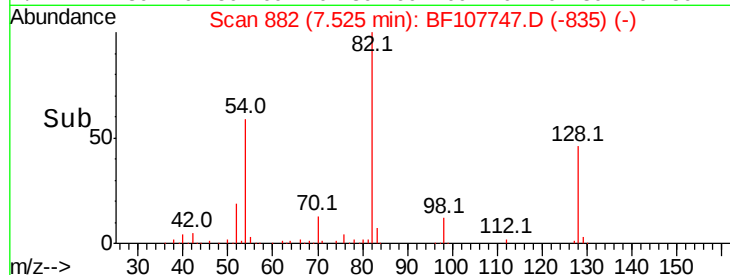
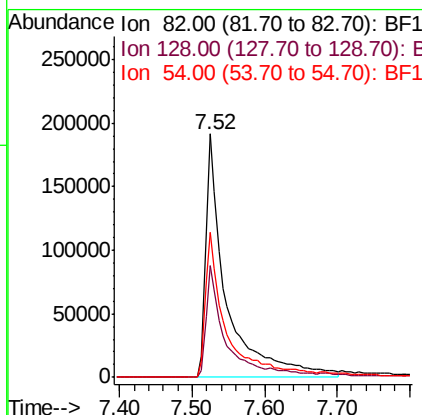
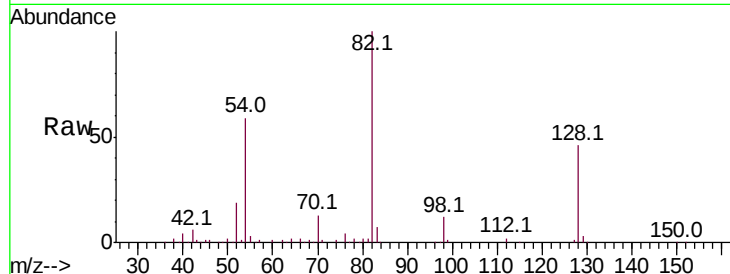




#23
Nitrobenzene-d5
Concen: 38.818 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

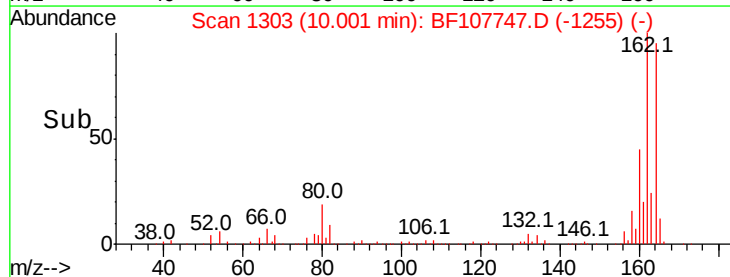
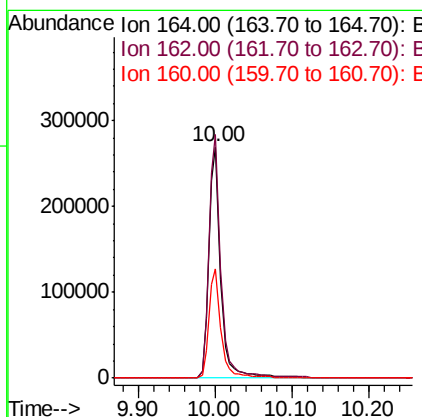
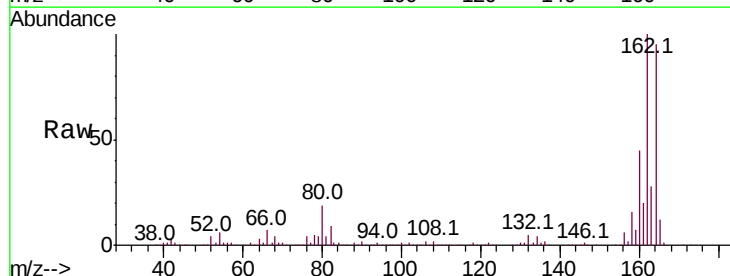
Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

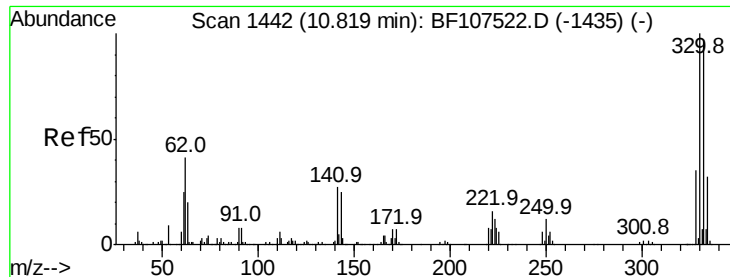
Tot Ion	82	Resp	380577
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	59.4	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107747.D
Acq: 27 Jul 2018 15:53

Tgt Ion	164	Resp	287730
Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.3	38.3	57.5

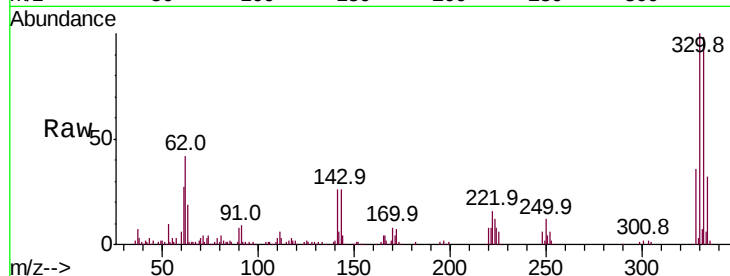




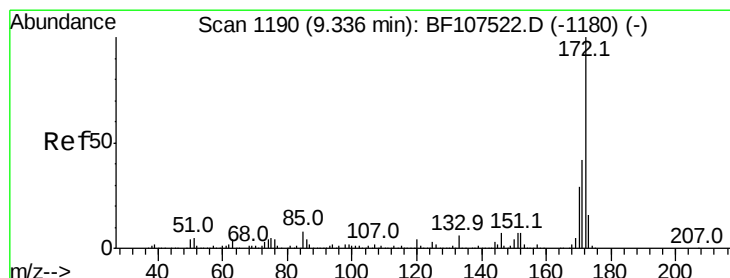
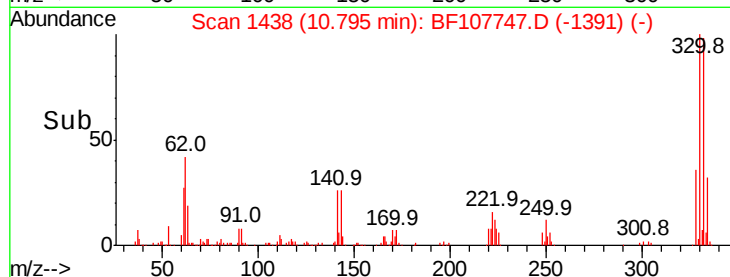
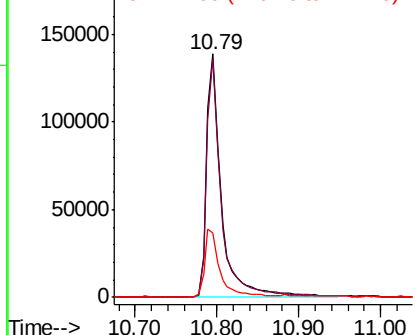
#41
 2,4,6-Tribromophenol
 Concen: 54.478 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Tot Ion:330 Resp: 178248
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.5 29.9 44.9#

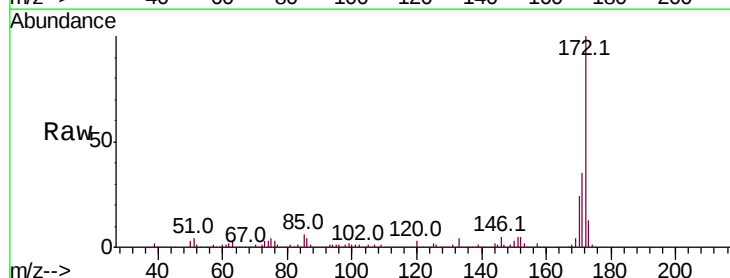


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

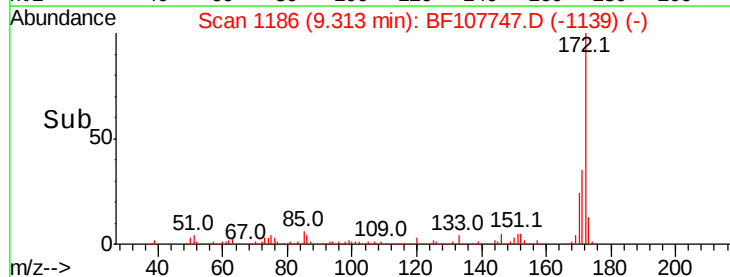
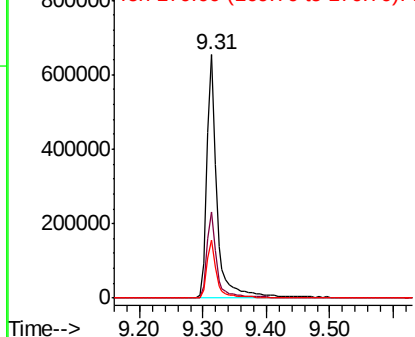


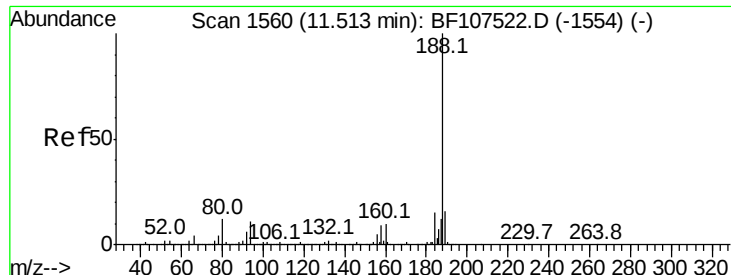
#44
 2-Fluorobiphenyl
 Concen: 36.663 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Tgt Ion:172 Resp: 740708
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.7 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. -0.02 min

Lab File: BF107747.D

Acq: 27 Jul 2018 15:53

Instrument :

BNA_F

ClientSampleId :

SB-7(8-10)

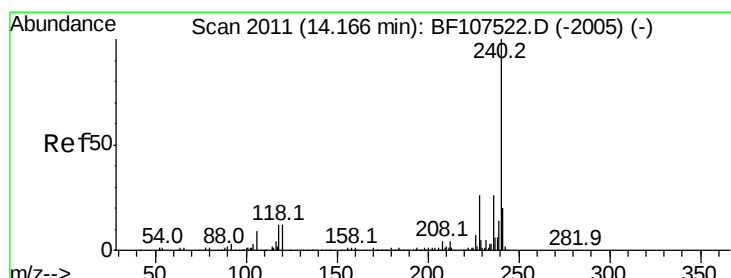
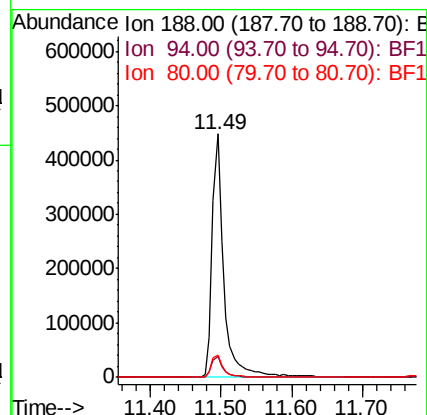
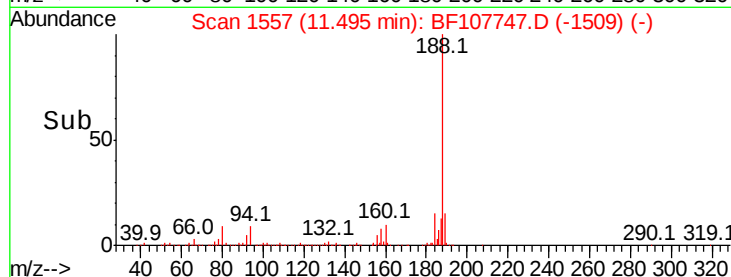
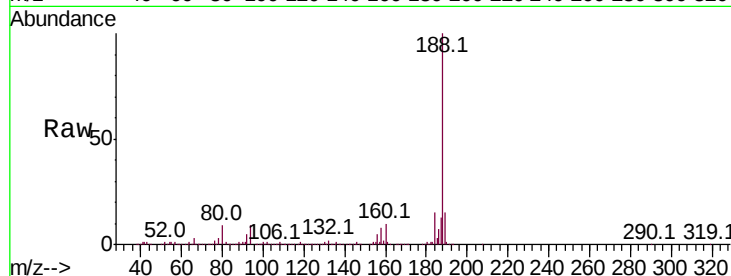
Tot Ion:188 Resp: 513084

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

80 8.9 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: BF107747.D

Acq: 27 Jul 2018 15:53

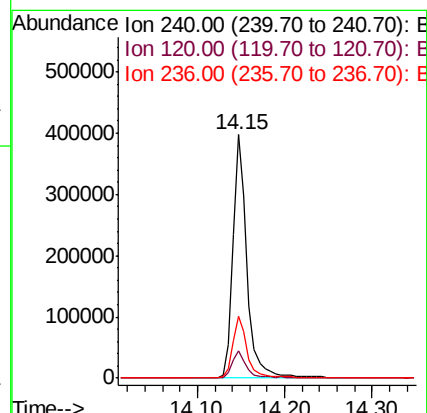
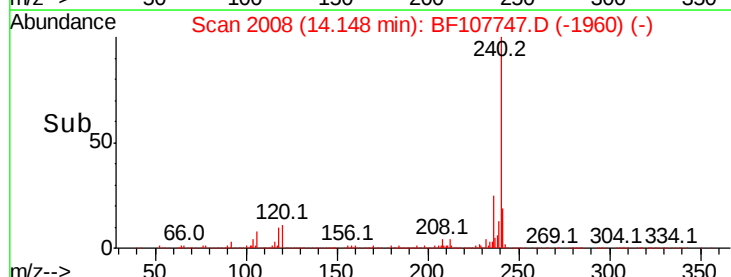
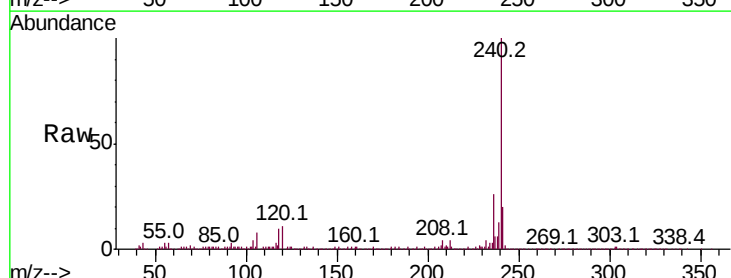
Tgt Ion:240 Resp: 437430

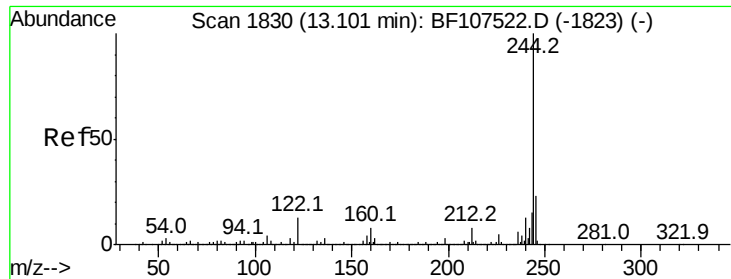
Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 25.6 20.7 31.1

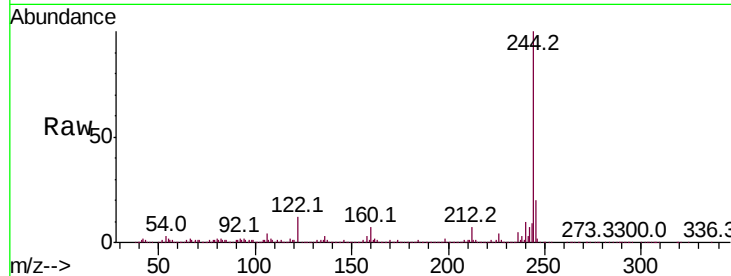




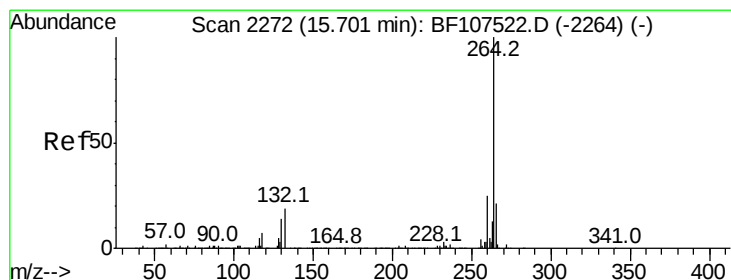
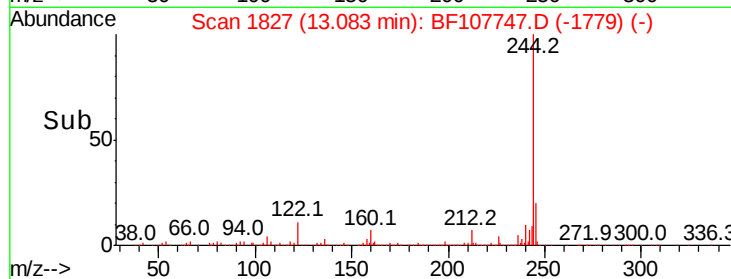
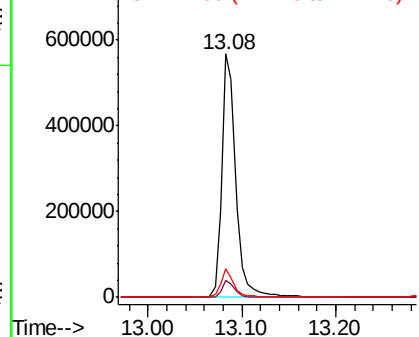
#78
 Terphenyl-d14
 Concen: 34.948 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Tot Ion:244 Resp: 597145
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4

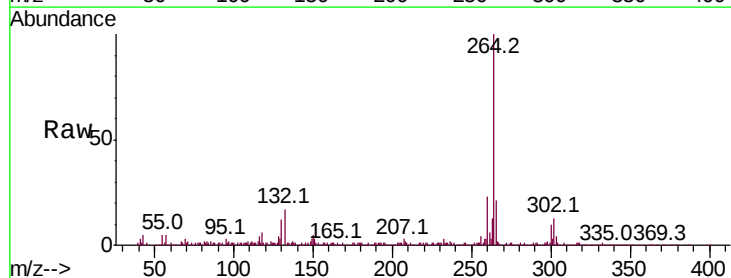


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107747.D
 Acq: 27 Jul 2018 15:53

Tgt Ion:264 Resp: 477638
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 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

