

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107098.D
 Acq On : 3 Jul 2018 23:28
 Operator : JU/SJ
 Sample : J3812-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-05

Quant Time: Jul 04 00:59:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	48078	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	167808	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	73658	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	151875	20.00	ng	0.00
75) Chrysene-d12	14.15	240	139716	20.00	ng	-0.02
86) Perylene-d12	15.69	264	100575	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	219846	77.43	ng	0.00
7) Phenol-d6	6.60	99	261983	73.89	ng	-0.01
23) Nitrobenzene-d5	7.52	82	149145	49.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	67510	79.08	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	298882	65.26	ng	-0.02
78) Terphenyl-d14	13.07	244	384605	66.68	ng	-0.01

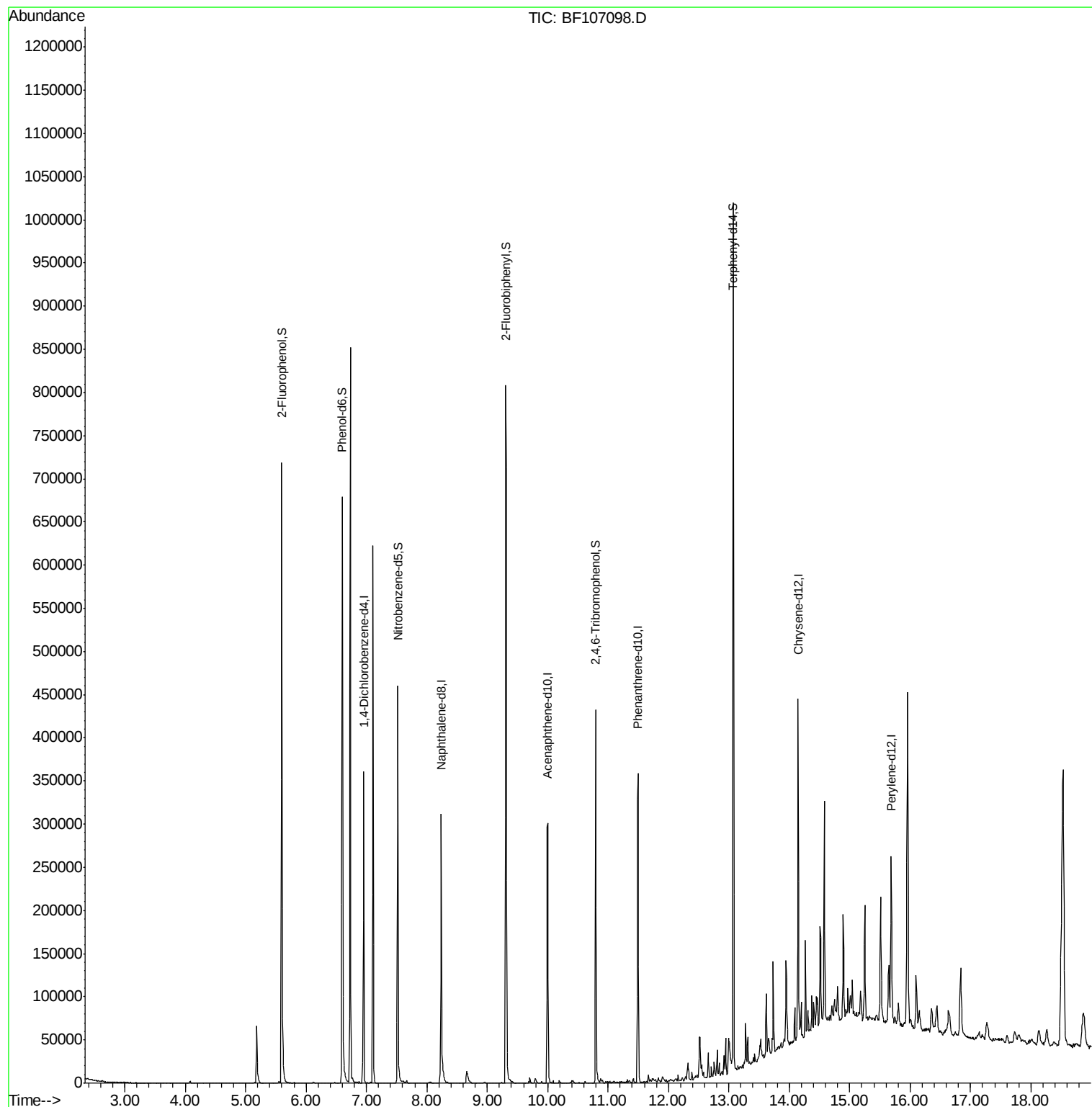
Target Compounds Qvalue

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

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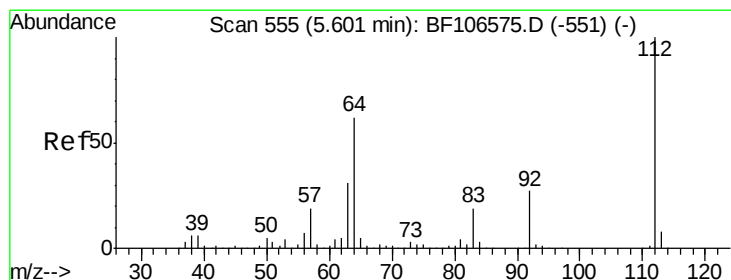
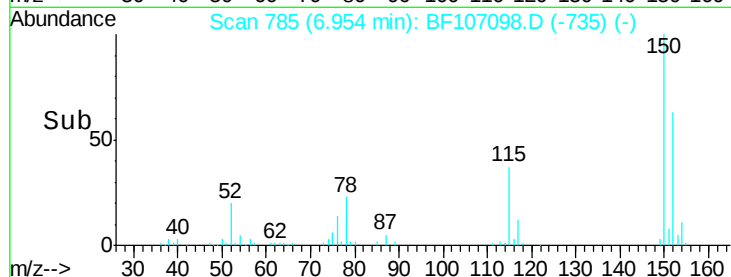
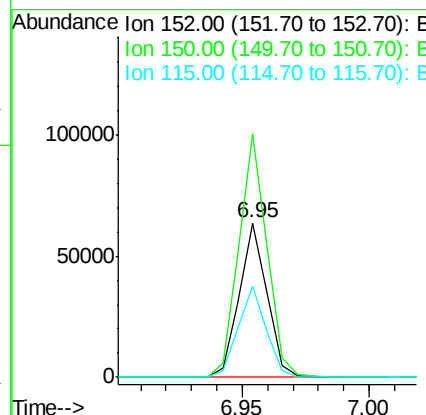
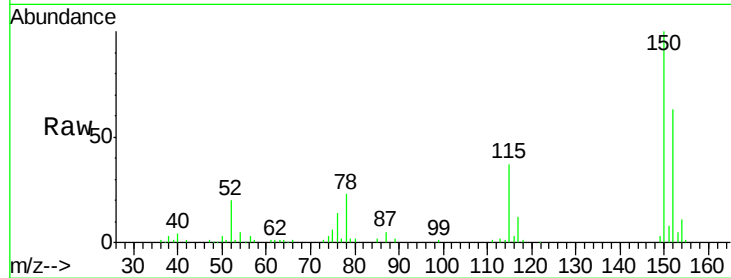




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

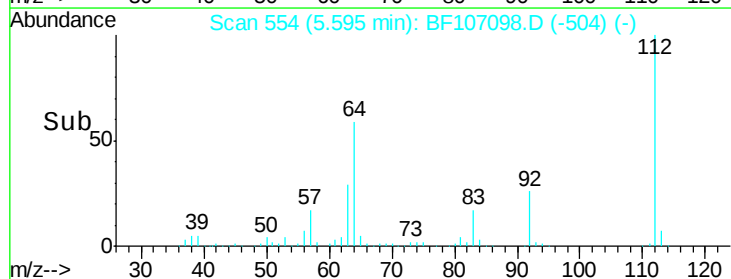
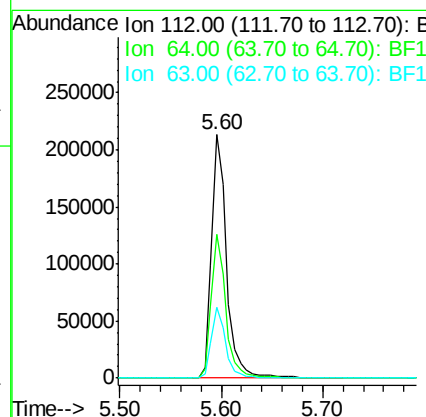
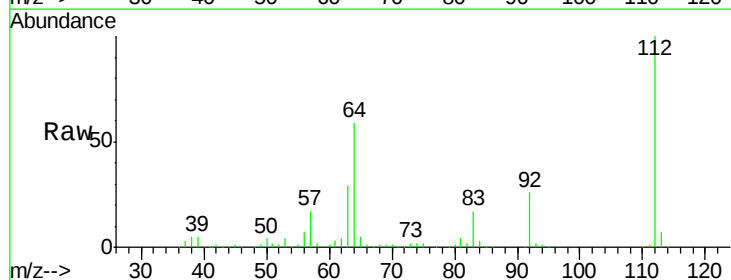
Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-05

Tot Ion:152 Resp: 48078
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.6 186.8
 115 58.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 77.430 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:112 Resp: 219846
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 73.887 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-05

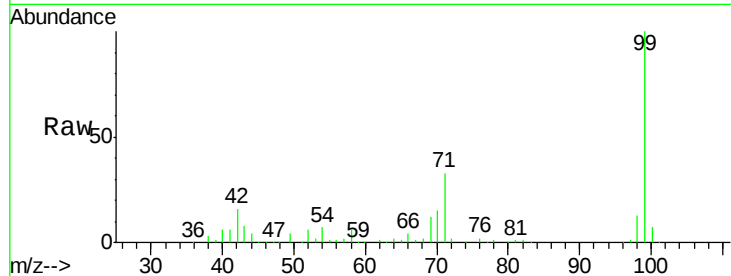
Tot Ion: 99 Resp: 261983

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

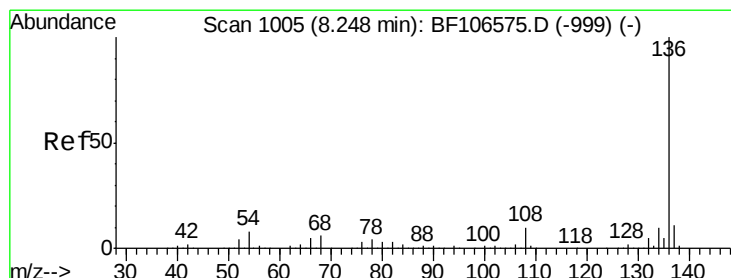
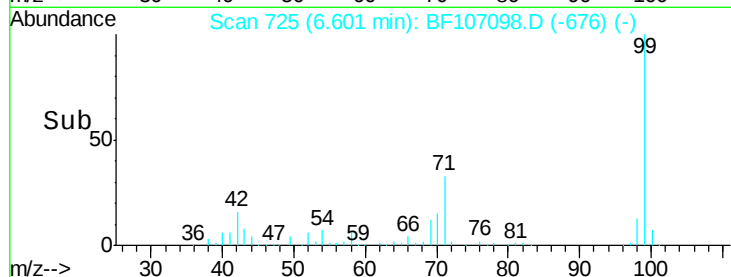
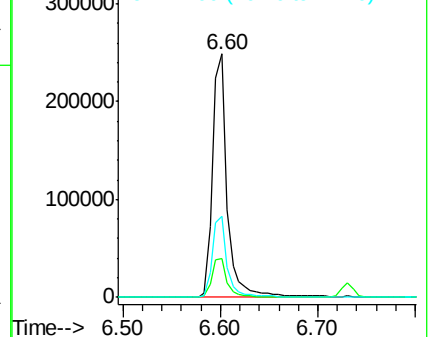
71 33.1 25.4 38.0



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# 1003

Delta R.T. -0.01 min

Lab File: BF107098.D

Acq: 3 Jul 2018 23:28

Tgt Ion: 136 Resp: 167808

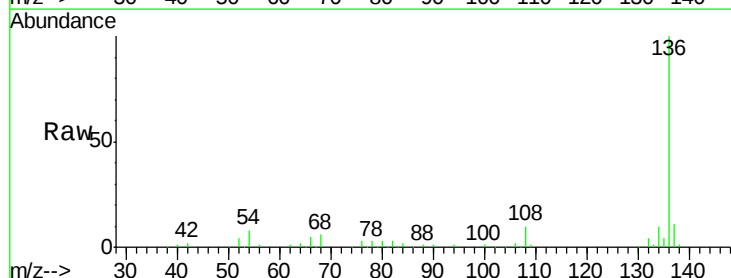
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.5 5.0 7.4

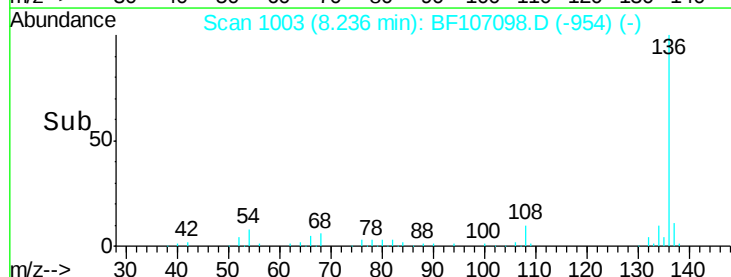
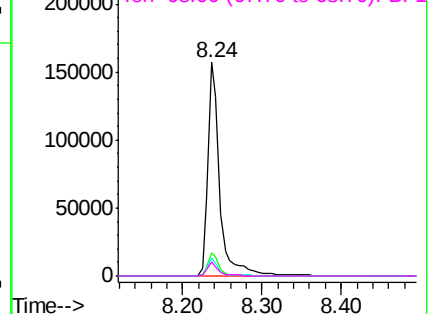


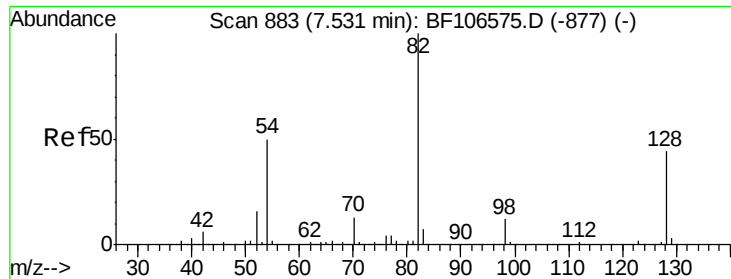
Abundance Ion 136.00 (135.70 to 136.70): E

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

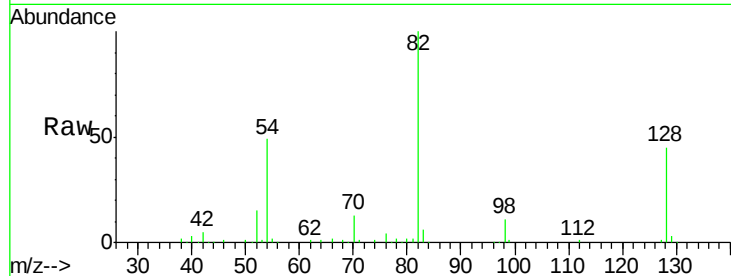




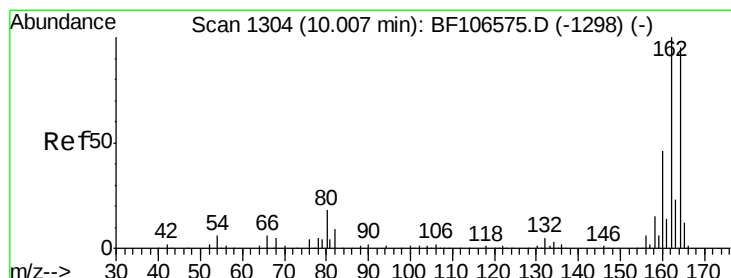
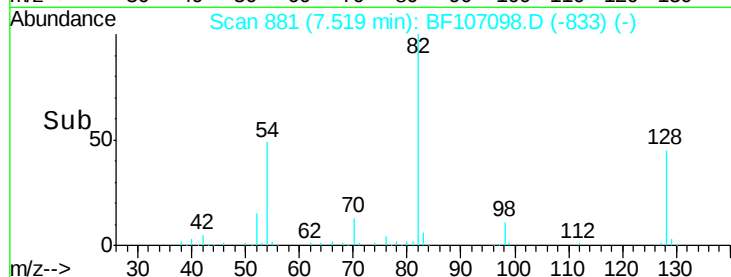
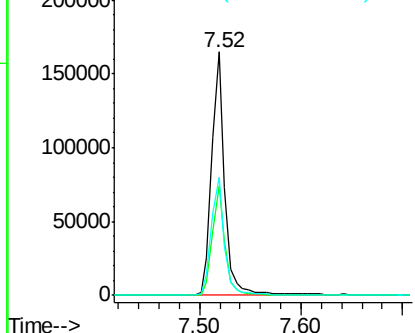
#23
 Nitrobenzene-d5
 Concen: 49.393 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-05

Tot Ion: 82 Resp: 149145
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 48.5 41.4 62.2

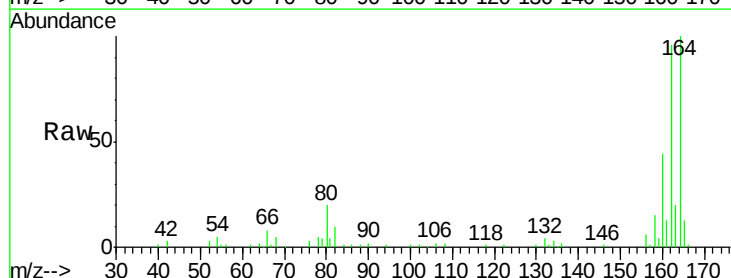


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

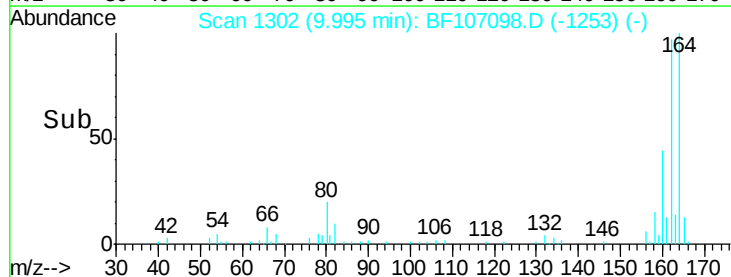
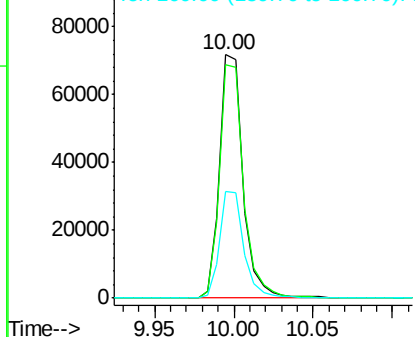


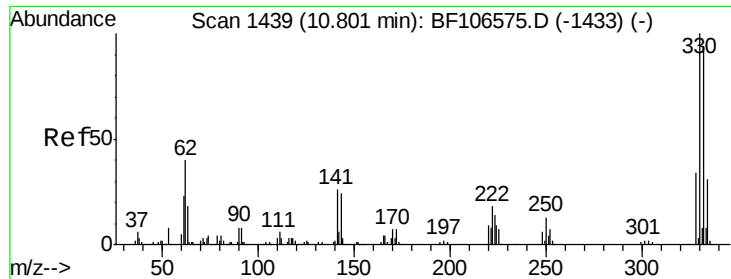
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:164 Resp: 73658
 Ion Ratio Lower Upper
 164 100
 162 96.1 86.1 129.1
 160 44.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

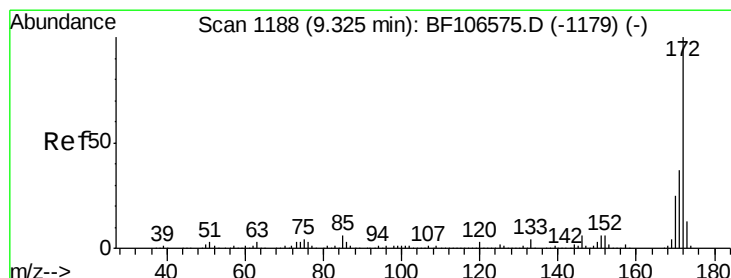
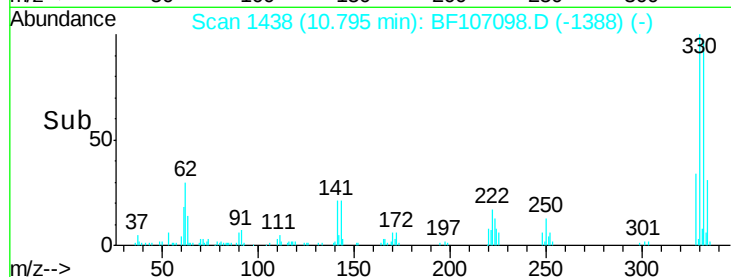
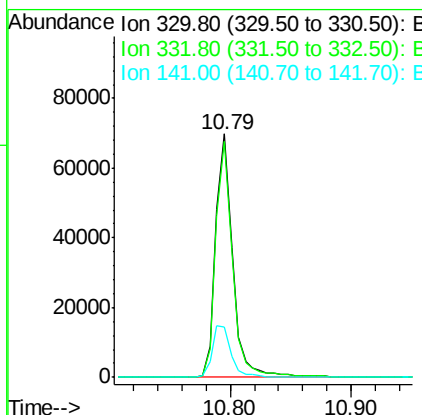
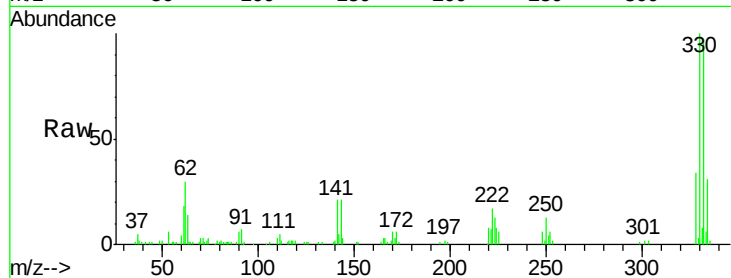




#41
 2,4,6-Tribromophenol
 Concen: 79.078 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

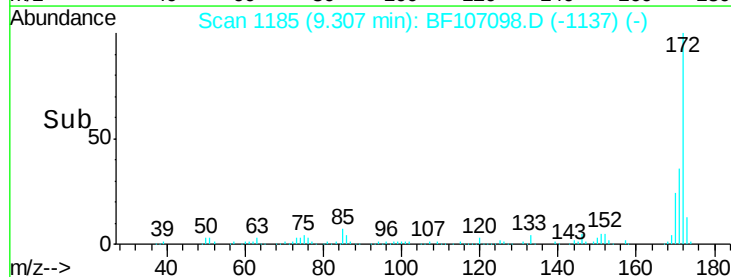
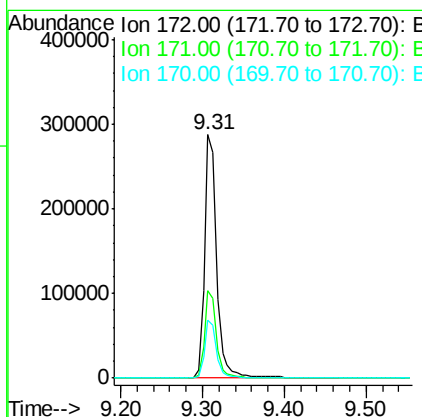
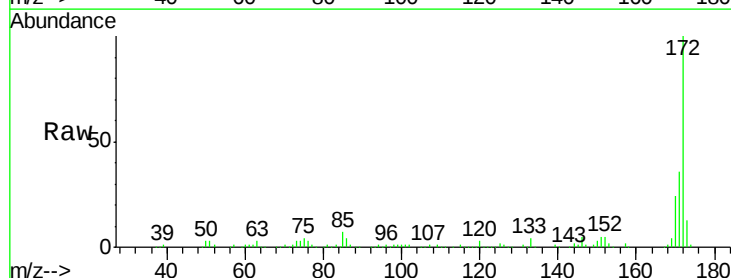
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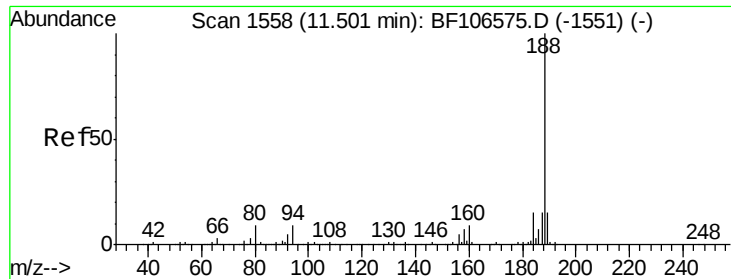
Tot Ion:330 Resp: 67510
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 23.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 65.255 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:172 Resp: 298882
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.7 19.6 29.4

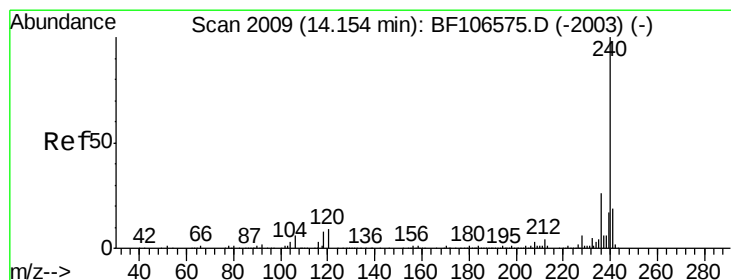
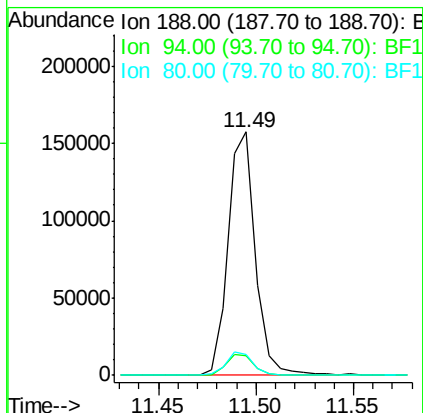
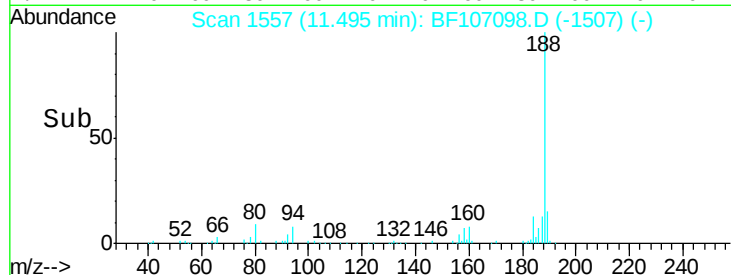
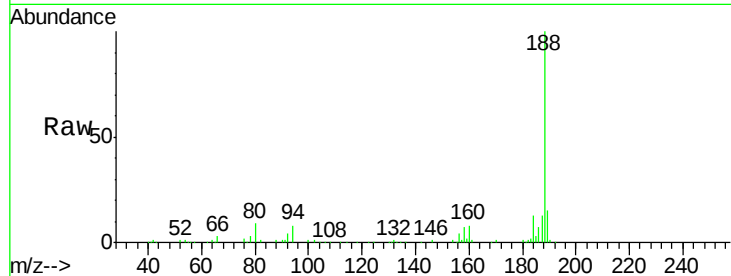




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

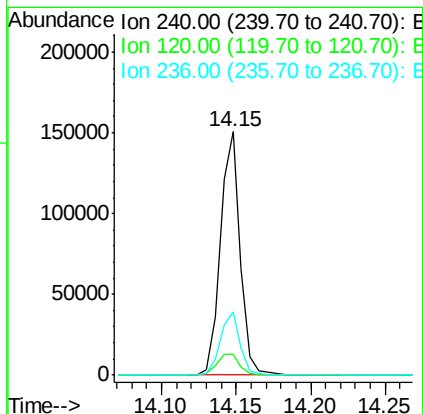
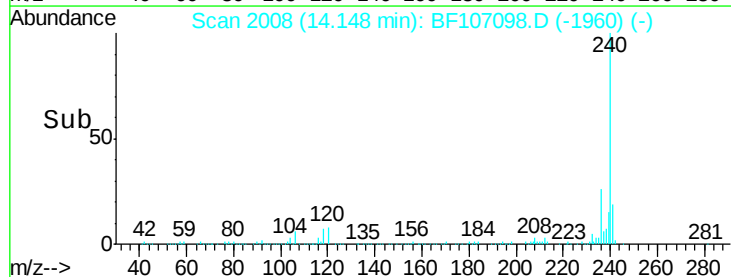
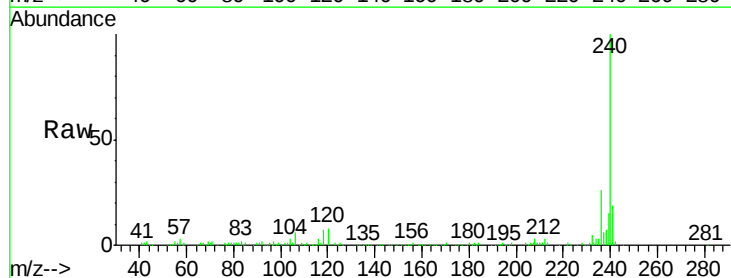
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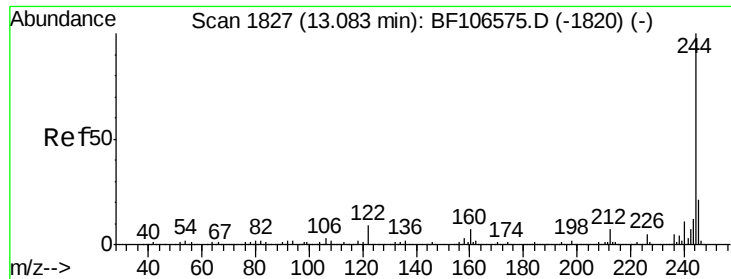
Tot Ion:188 Resp: 151875
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.7 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107098.D
Acq: 3 Jul 2018 23:28

Tgt Ion:240 Resp: 139716
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 25.8 20.7 31.1

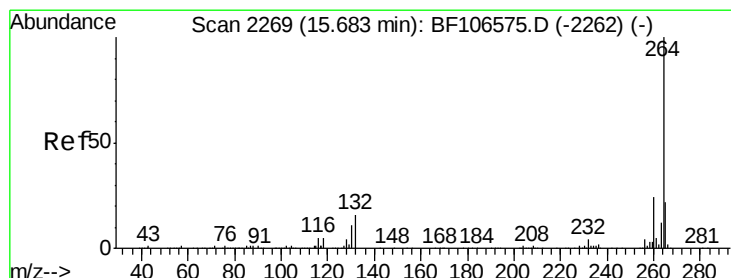
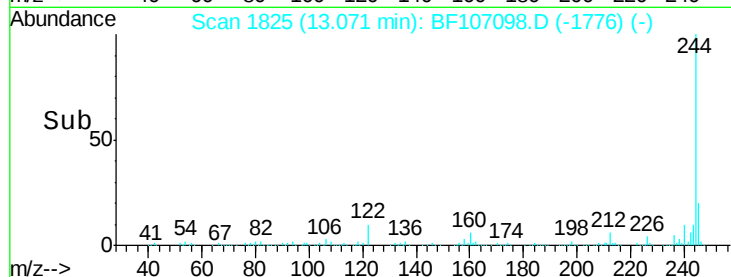
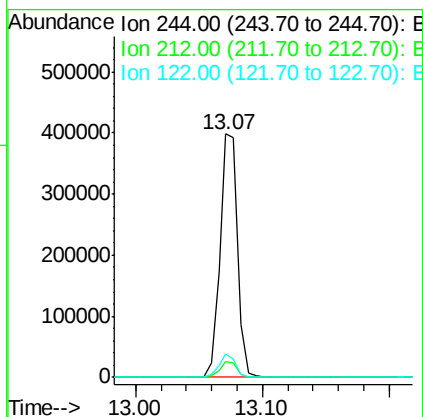
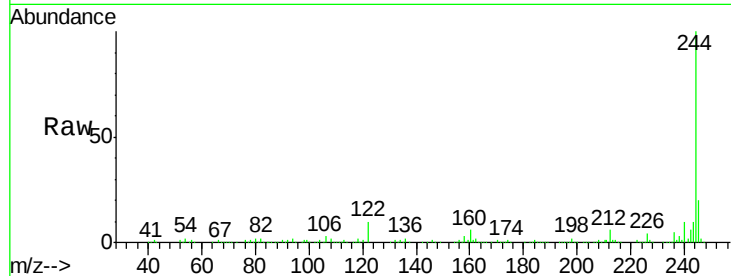




#78
 Terphenyl-d14
 Concen: 66.680 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-05

Tot Ion:244 Resp: 384605
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107098.D
 Acq: 3 Jul 2018 23:28

Tgt Ion:264 Resp: 100575
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.8 17.5 26.3

