

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107101.D
 Acq On : 4 Jul 2018 00:49
 Operator : JU/SJ
 Sample : J3812-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-04

Quant Time: Jul 04 01:26:39 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	54621	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	186634	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	80200	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	165533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	135376	20.00	ng	-0.02
86) Perylene-d12	15.69	264	98028	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	279166	86.54	ng	0.00
7) Phenol-d6	6.60	99	334894	83.14	ng	-0.01
23) Nitrobenzene-d5	7.52	82	193802	57.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	89322	96.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	374411	77.76	ng	-0.01
78) Terphenyl-d14	13.08	244	463318	82.90	ng	0.00

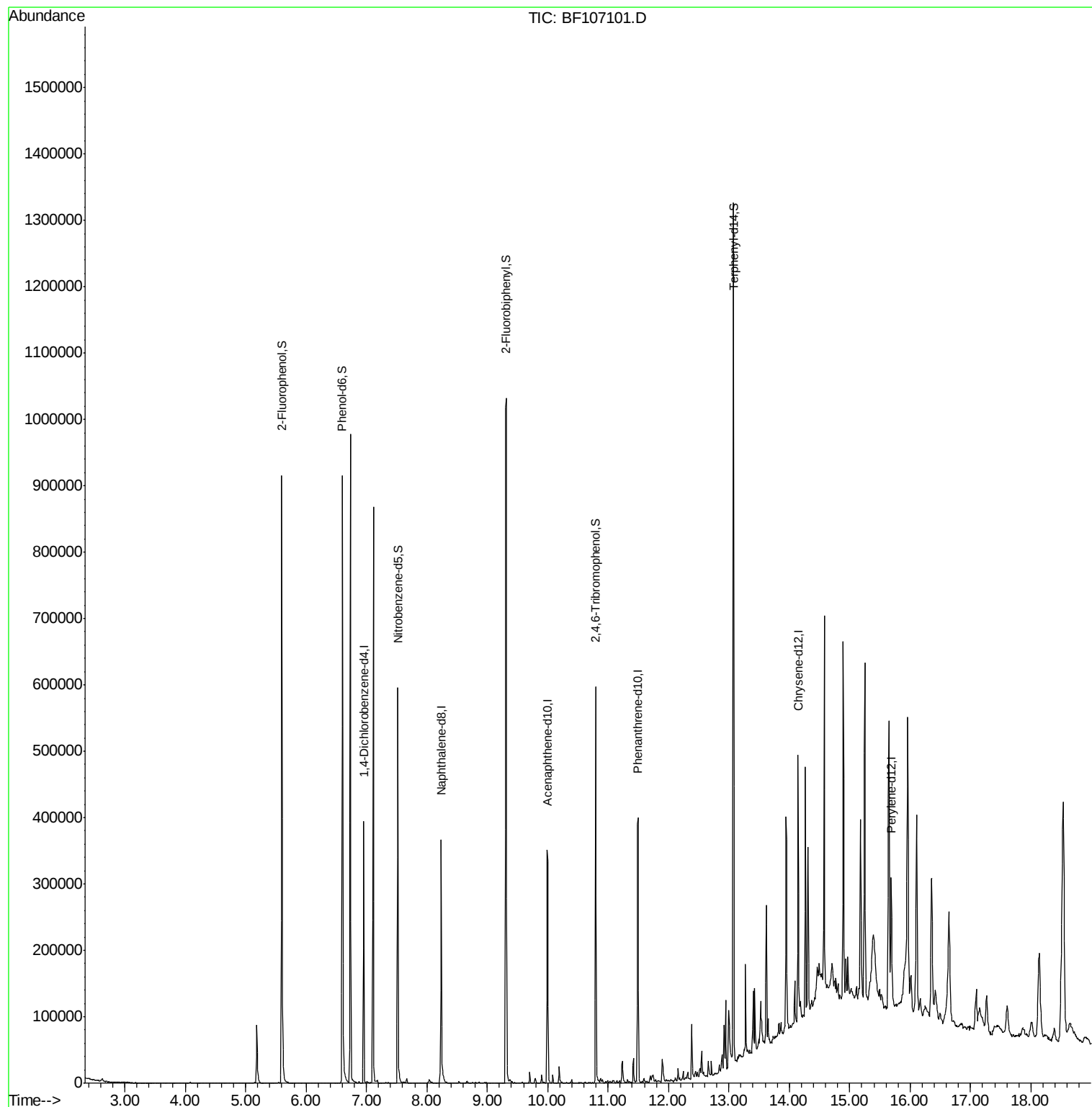
Target Compounds Qvalue

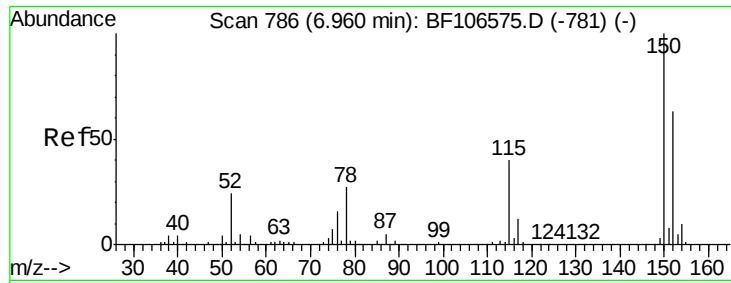
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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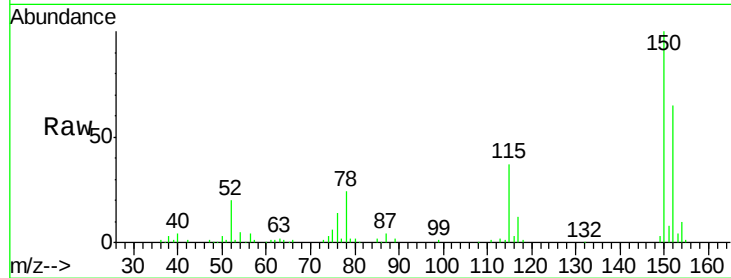


#1

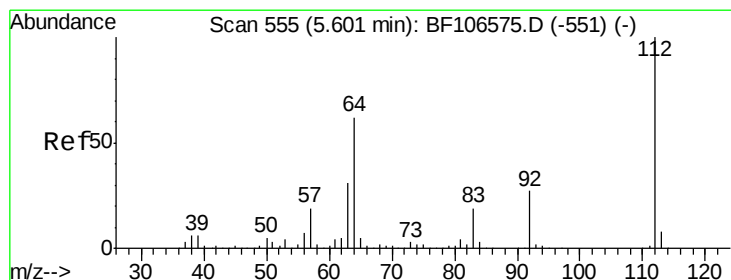
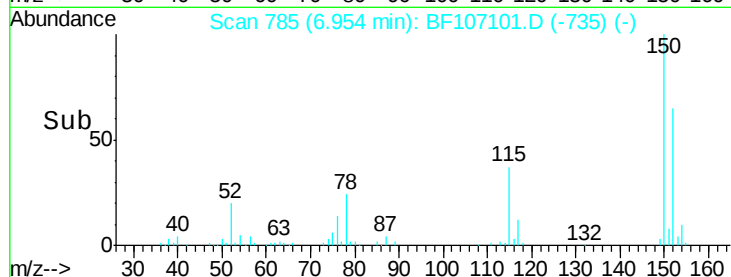
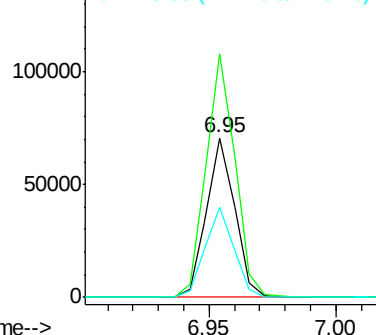
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-04

Tot Ion:152 Resp: 54621
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 56.9 50.1 75.1



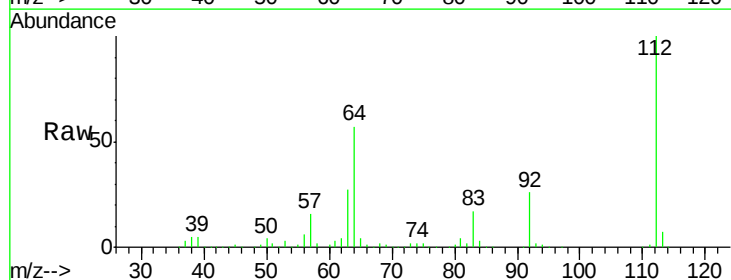
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



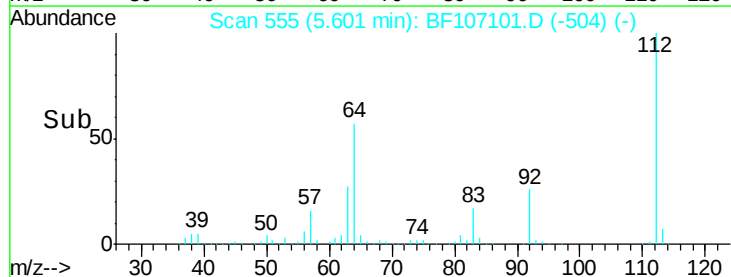
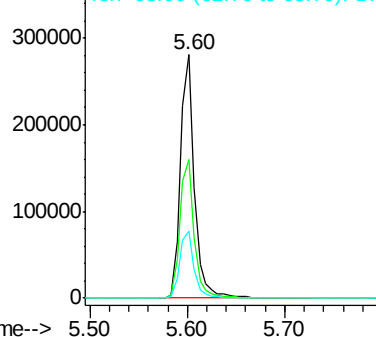
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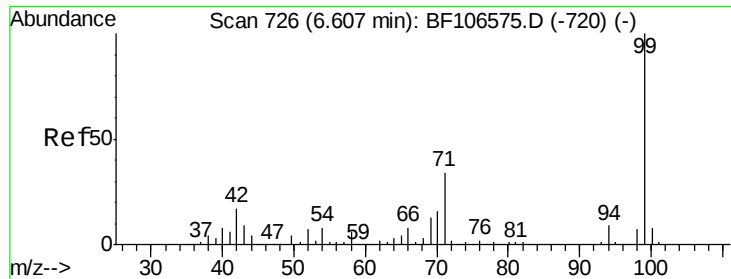
2-Fluorophenol
Concen: 86.545 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:112 Resp: 279166
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 27.5 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: 83.136 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-04

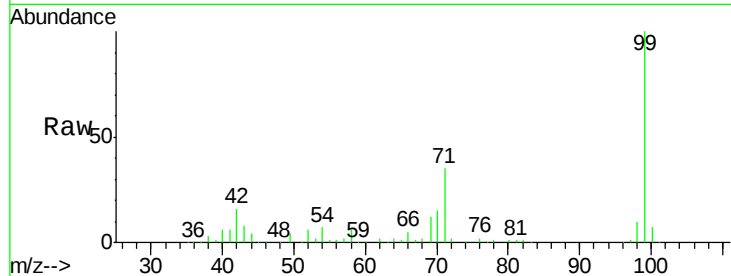
Tot Ion: 99 Resp: 334894

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

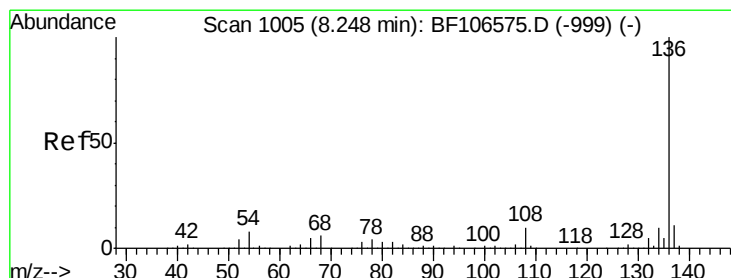
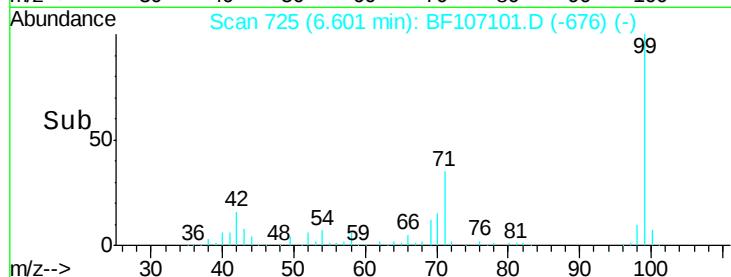
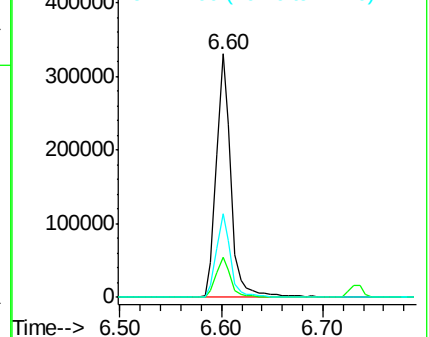
71 34.6 25.4 38.0



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# 1003

Delta R.T. -0.01 min

Lab File: BF107101.D

Acq: 4 Jul 2018 00:49

Tgt Ion: 136 Resp: 186634

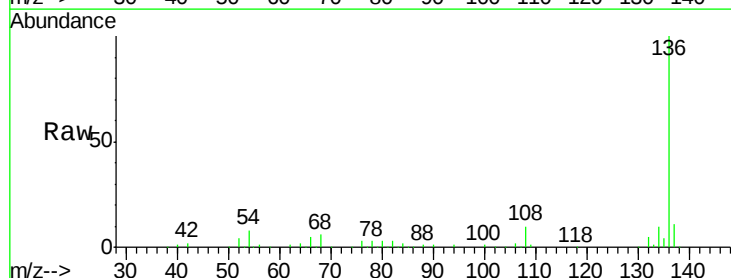
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 6.3 5.0 7.4

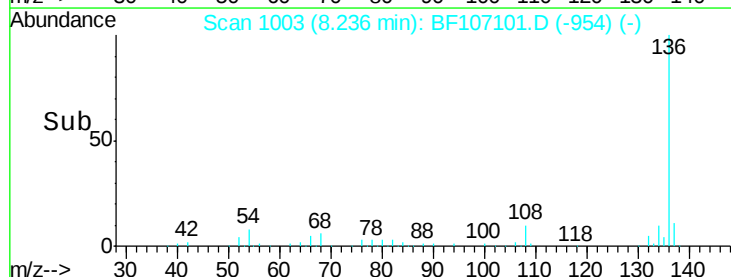
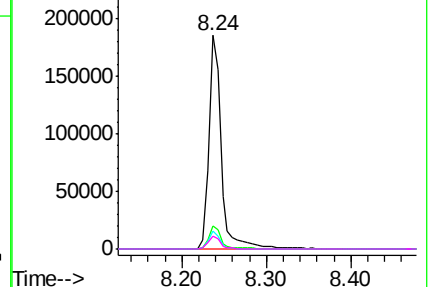


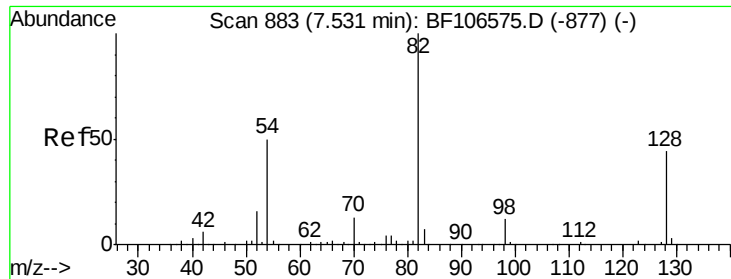
Abundance Ion 136.00 (135.70 to 136.70): E

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

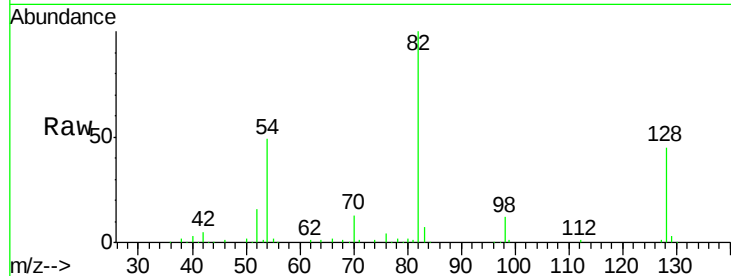




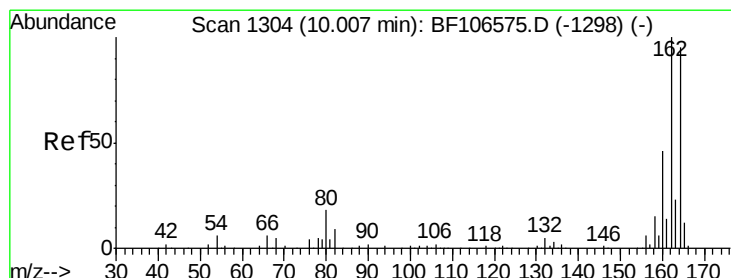
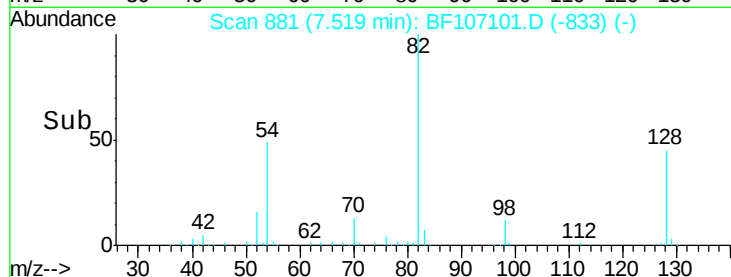
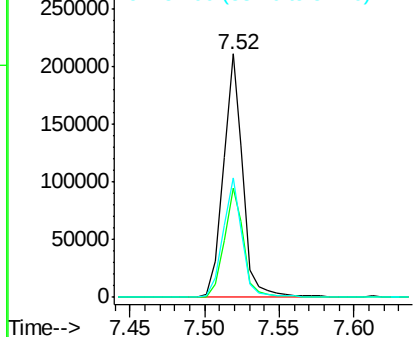
#23
Nitrobenzene-d5
Concen: 57.708 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-04

Tot Ion: 82 Resp: 193802
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 48.9 41.4 62.2

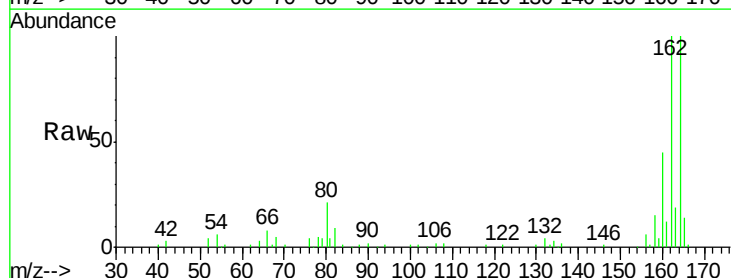


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

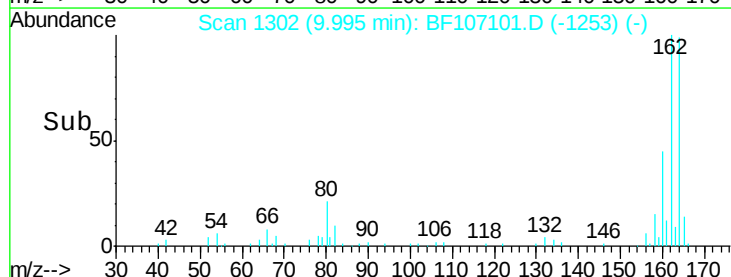
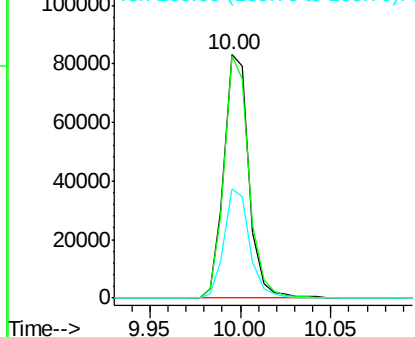


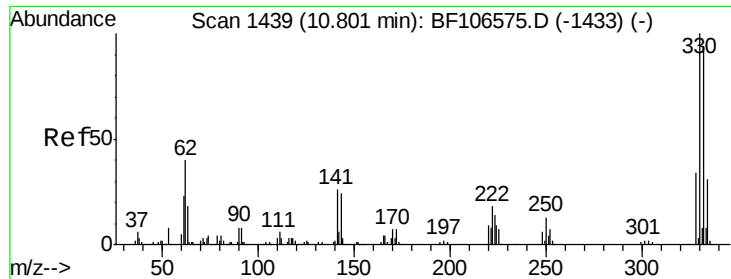
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:164 Resp: 80200
Ion Ratio Lower Upper
164 100
162 99.6 86.1 129.1
160 45.0 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

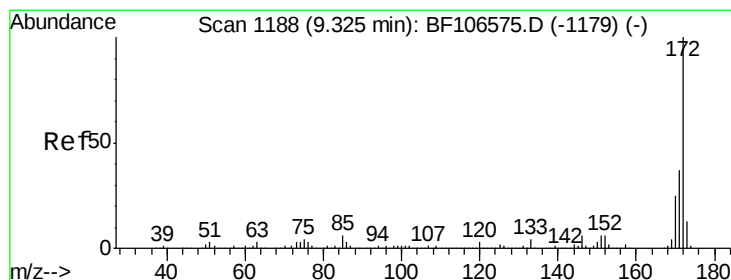
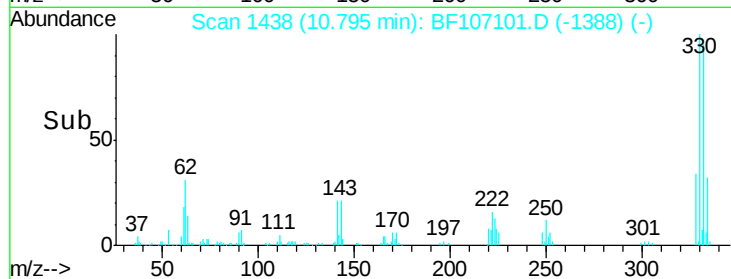
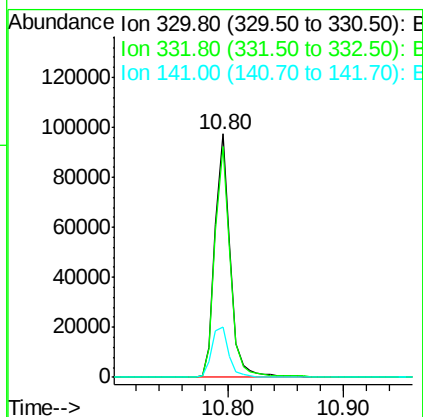
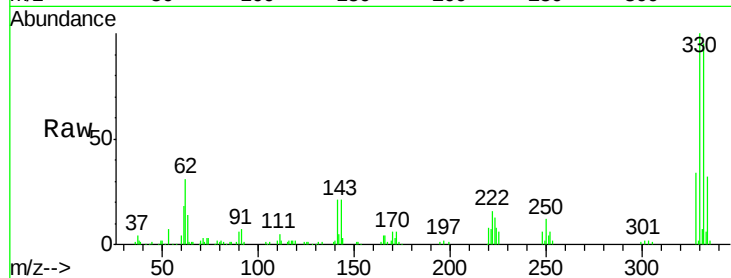




#41
 2,4,6-Tribromophenol
 Concen: 96.093 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

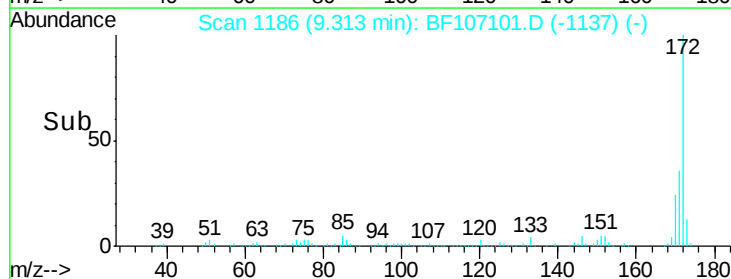
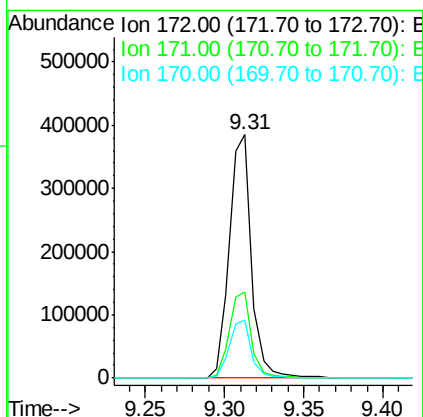
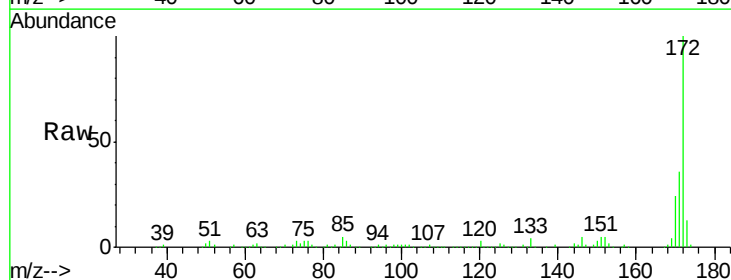
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 DPC-81753-FB-04

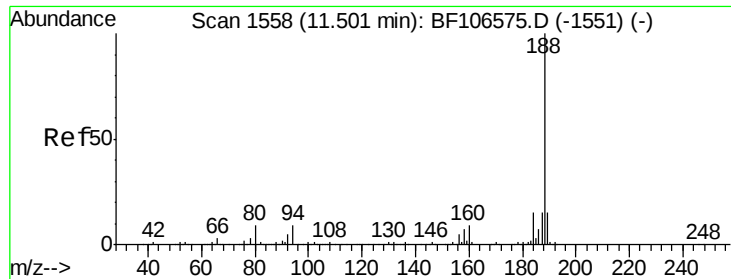
Tot Ion:330 Resp: 89322
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 23.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.764 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Tgt Ion:172 Resp: 374411
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 19.6 29.4

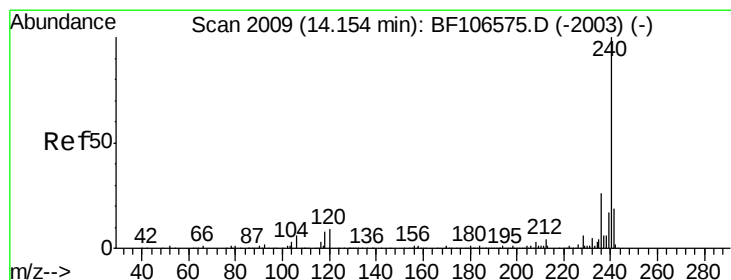
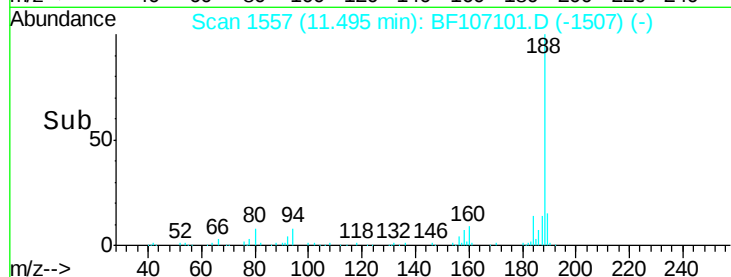
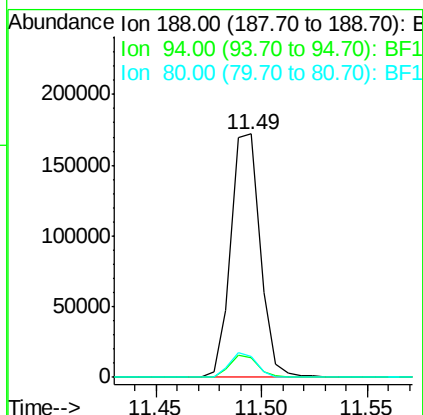
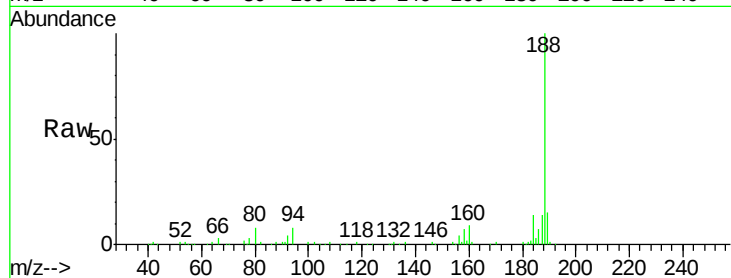




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

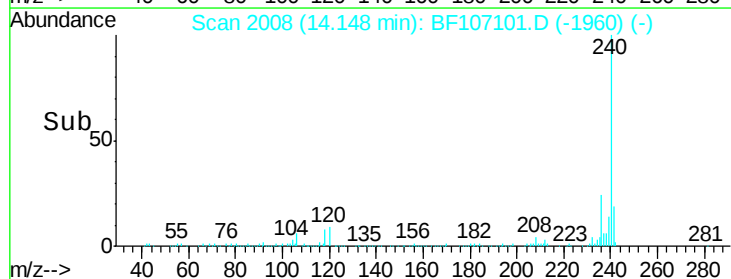
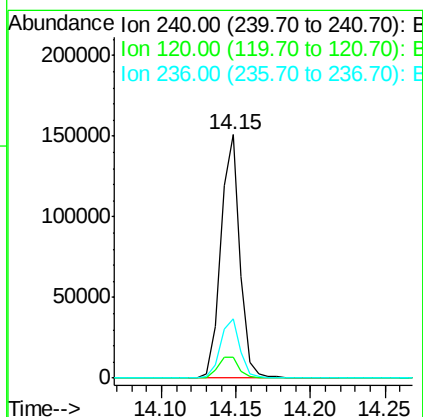
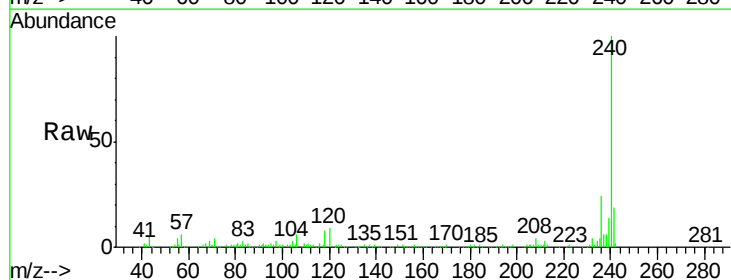
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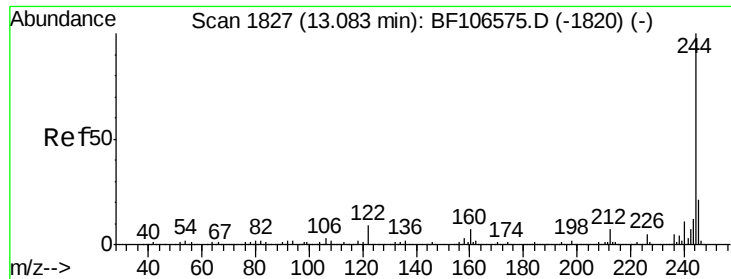
Tot Ion:188 Resp: 165533
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107101.D
Acq: 4 Jul 2018 00:49

Tgt Ion:240 Resp: 135376
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 24.4 20.7 31.1

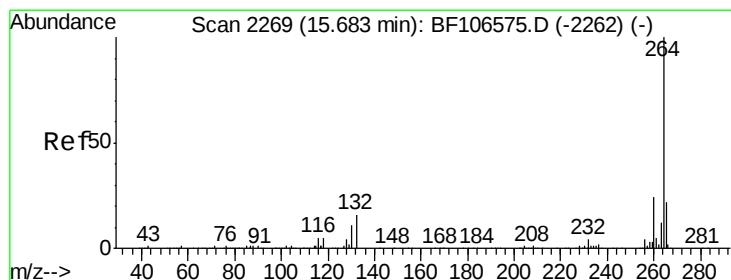
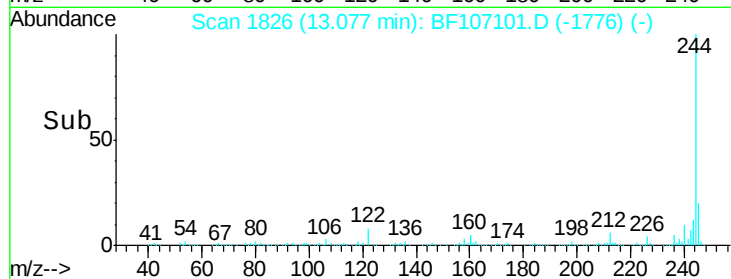
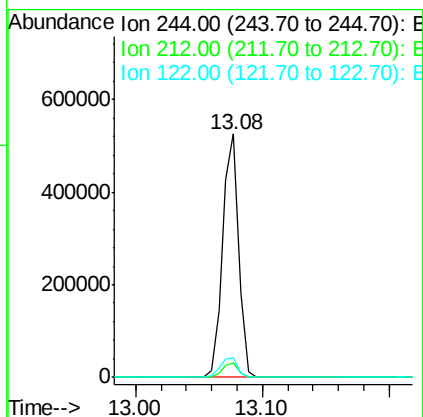
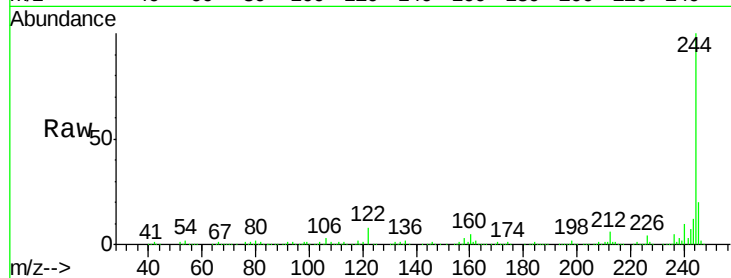




#78
 Terphenyl-d14
 Concen: 82.902 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107101.D
 Acq: 4 Jul 2018 00:49

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-04

Tot Ion:244 Resp: 463318
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.3 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: BF107101.D
 Acq: 4 Jul 2018 00:49

Tgt Ion:264 Resp: 98028
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 17.5 26.3

