

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107099.D
 Acq On : 3 Jul 2018 23:55
 Operator : JU/SJ
 Sample : J3812-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Quant Time: Jul 04 01:02:56 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	51849	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	181756	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	80354	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	162792	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	136498	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99274	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	220498	72.01	ng	0.00
7) Phenol-d6	6.60	99	264266	69.11	ng	-0.01
23) Nitrobenzene-d5	7.52	82	149120	45.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	66219	71.10	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	297060	57.87	ng	-0.02
78) Terphenyl-d14	13.07	244	374331	66.43	ng	-0.01

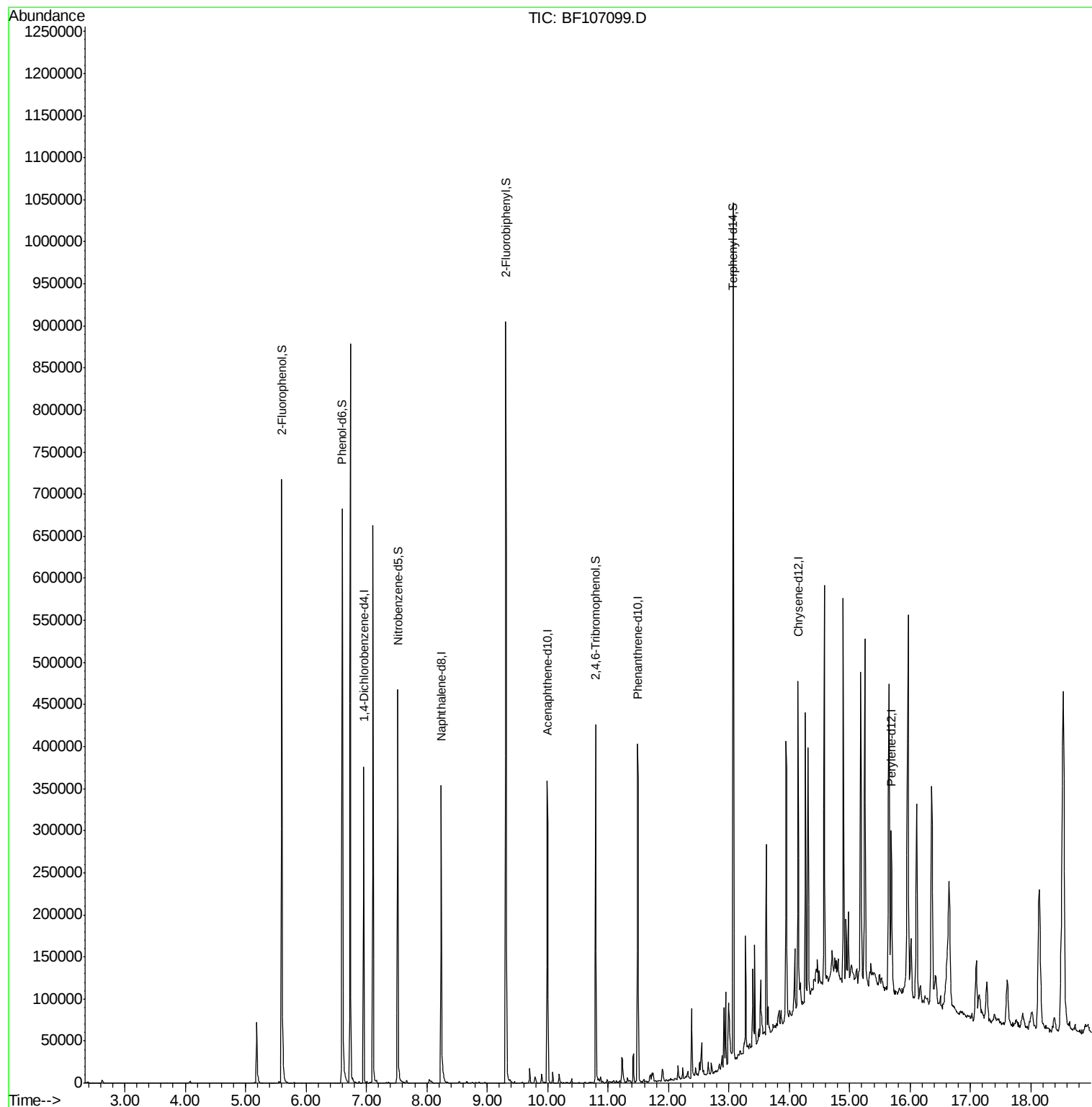
Target Compounds Qvalue

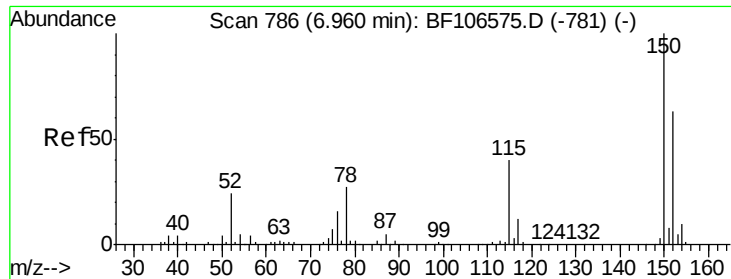
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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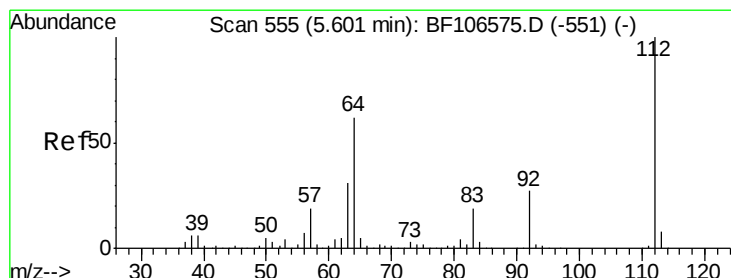
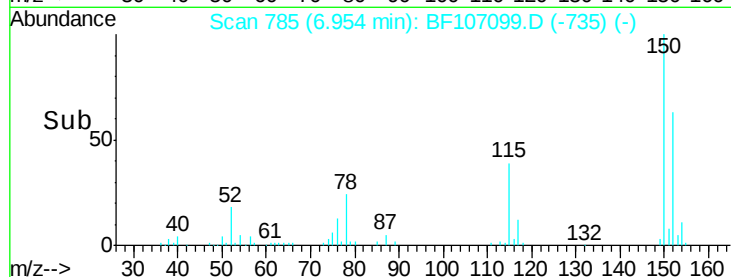
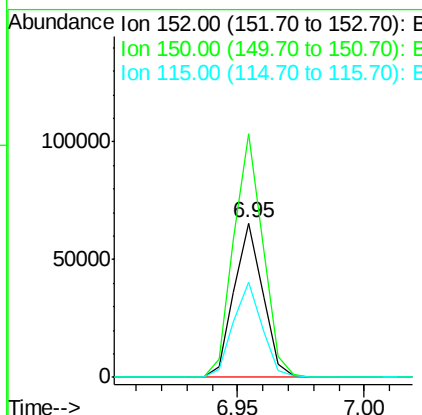
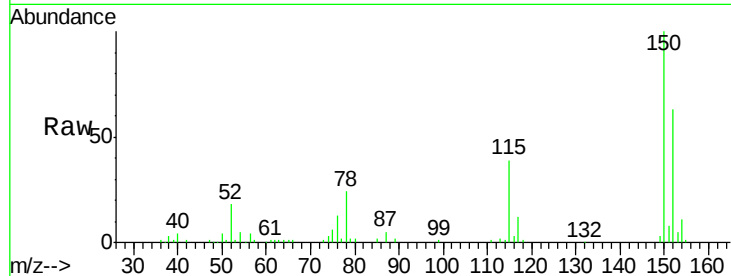


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-06

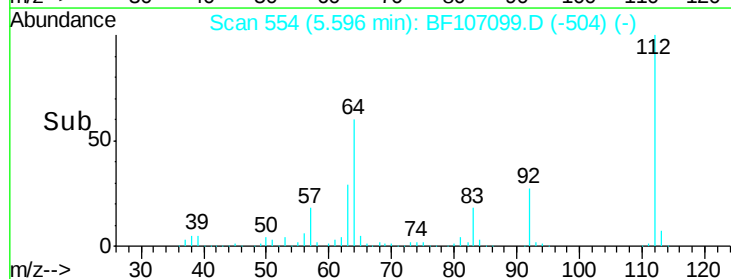
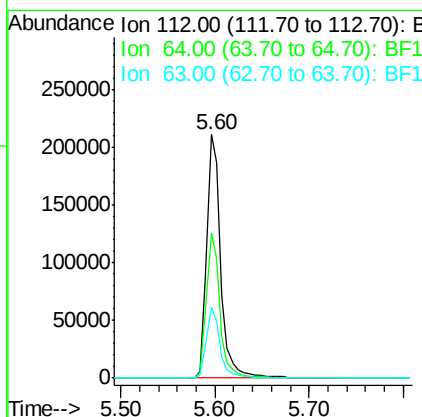
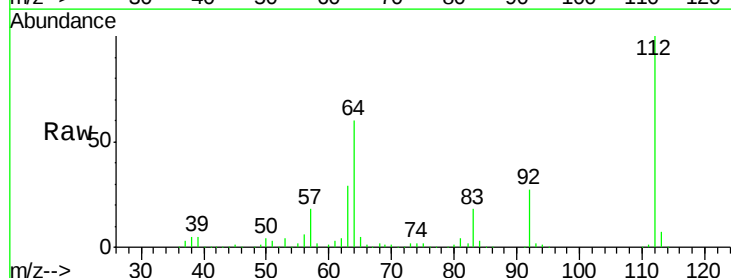
Tot Ion:152 Resp: 51849
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.8 50.1 75.1

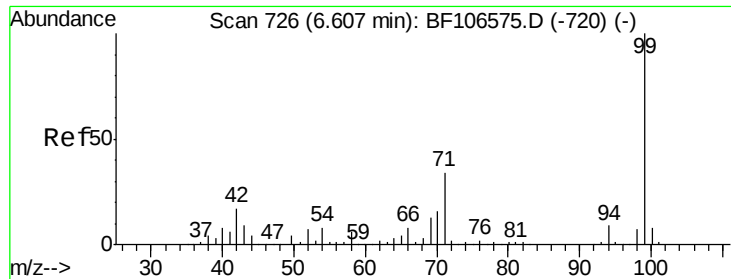


#5

2-Fluorophenol
Concen: 72.012 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

Tgt Ion:112 Resp: 220498
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 69.111 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-06

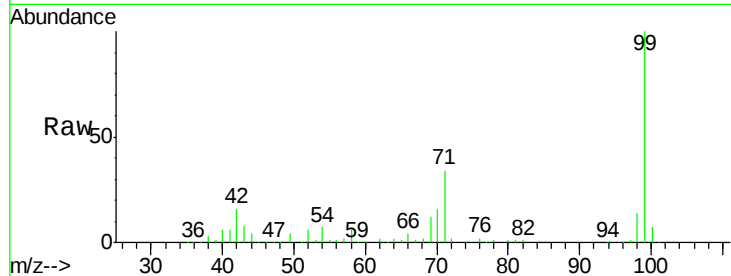
Tot Ion: 99 Resp: 264266

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

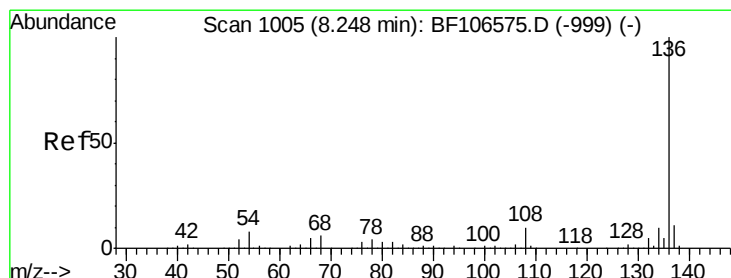
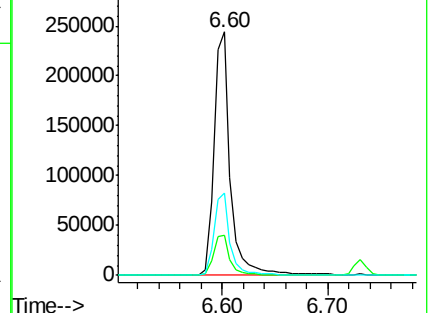
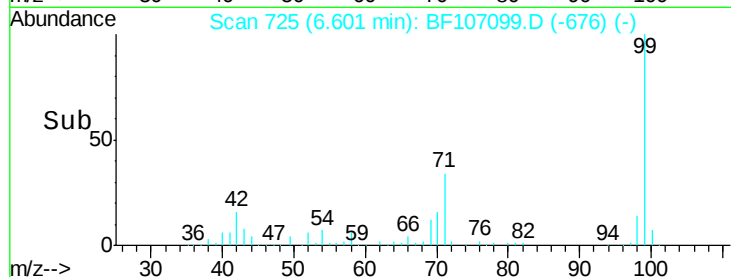
71 34.1 25.4 38.0



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: BF107099.D

Acq: 3 Jul 2018 23:55

Tgt Ion: 136 Resp: 181756

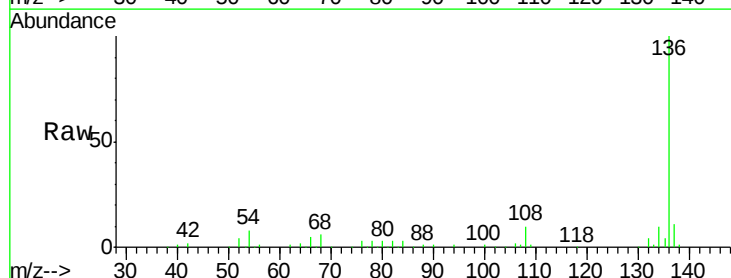
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.1 5.0 7.4

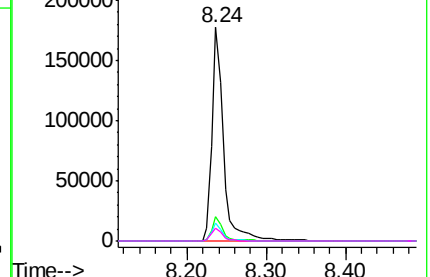
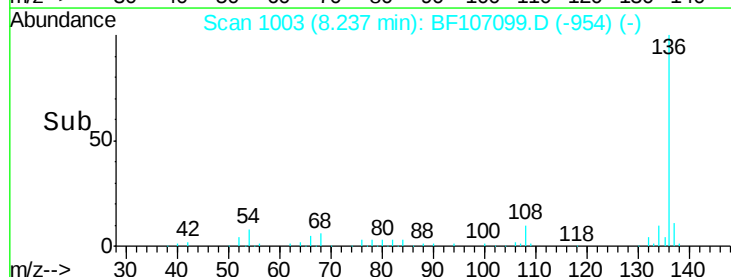


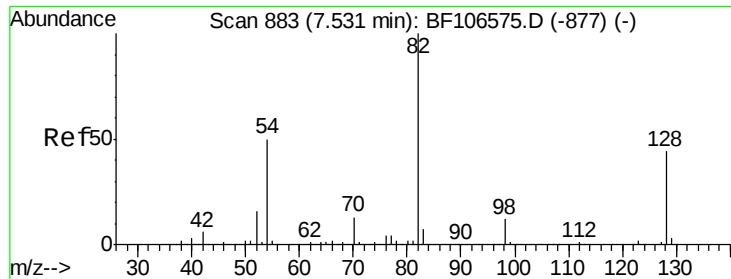
Abundance Ion 136.00 (135.70 to 136.70): E

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

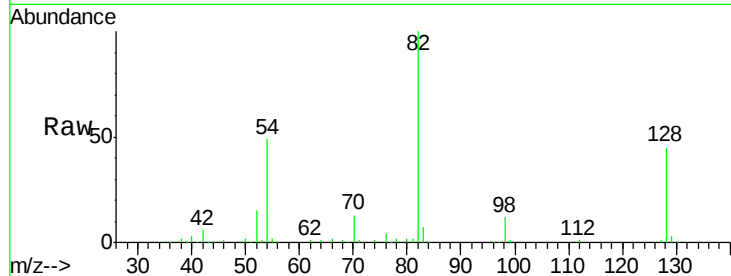




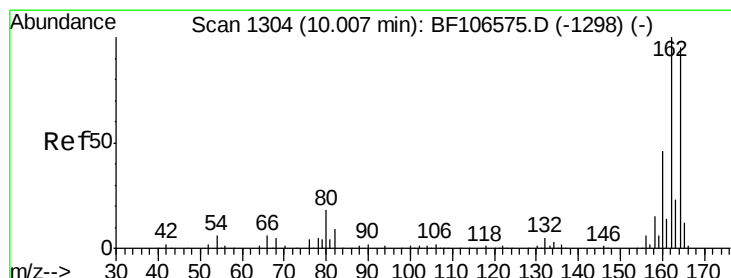
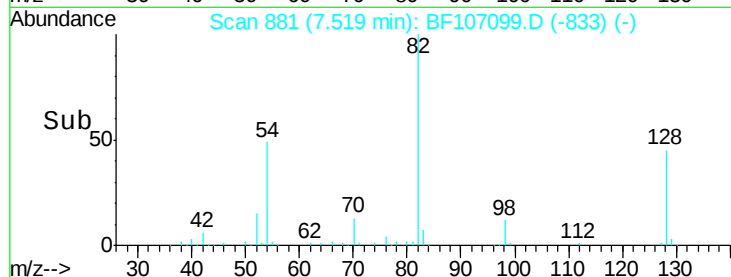
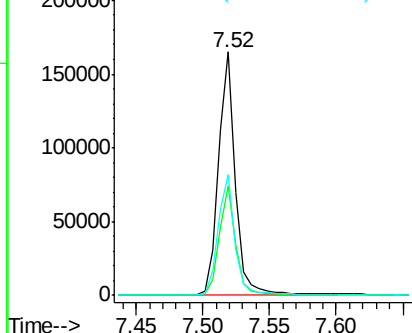
#23
 Nitrobenzene-d5
 Concen: 45.595 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Tot Ion: 82 Resp: 149120
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 49.5 41.4 62.2

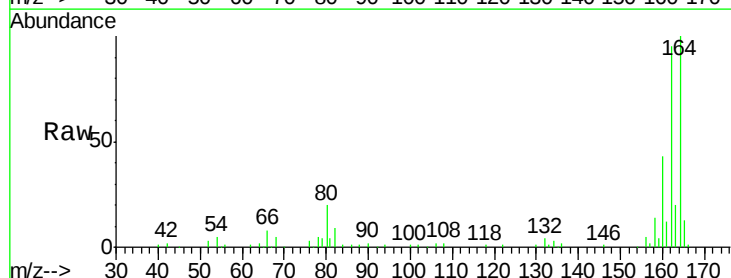


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

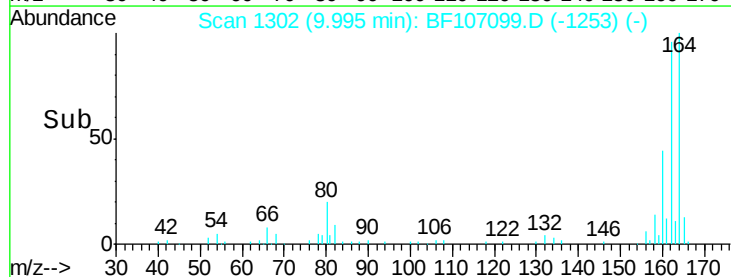
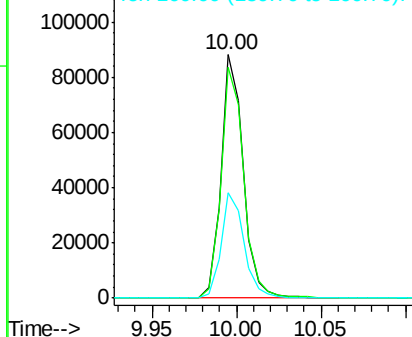


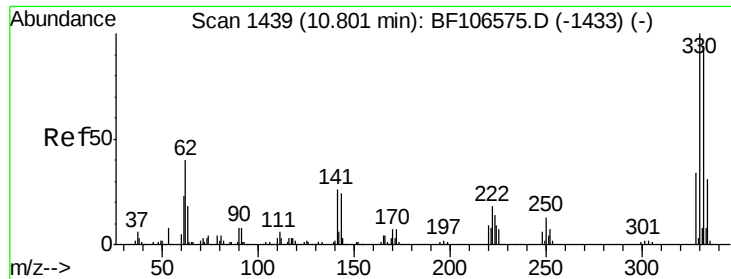
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Tgt Ion: 164 Resp: 80354
 Ion Ratio Lower Upper
 164 100
 162 94.6 86.1 129.1
 160 43.4 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: 71.102 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-06

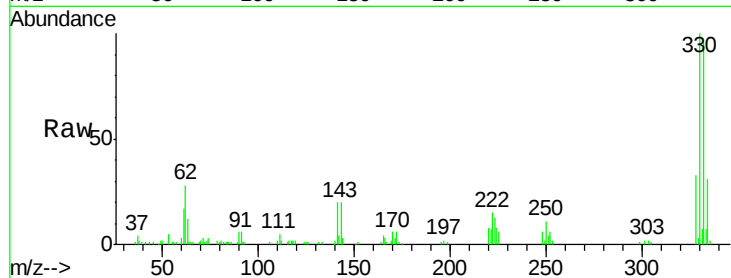
Tot Ion:330 Resp: 66219

Ion Ratio Lower Upper

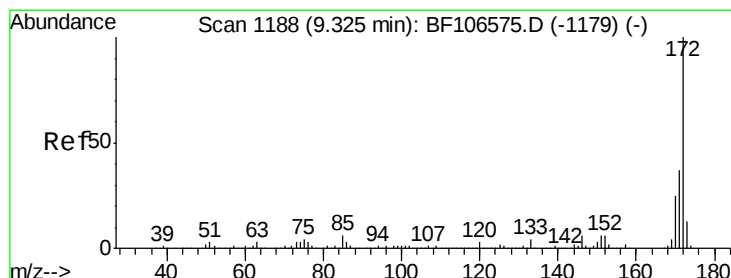
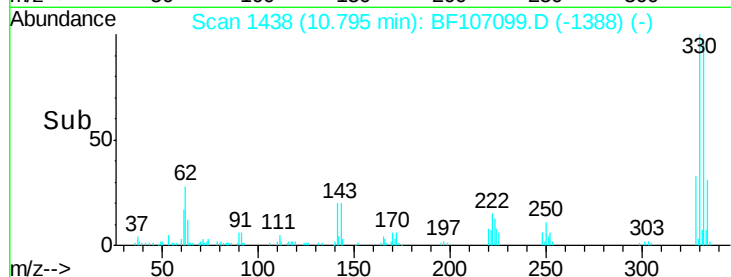
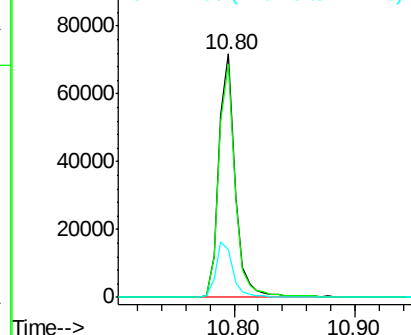
330 100

332 96.2 77.0 115.6

141 23.6 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: 57.866 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

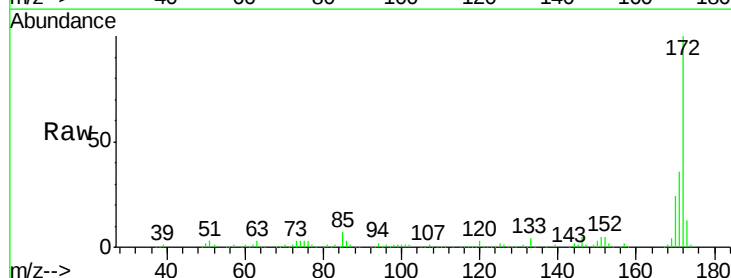
Tgt Ion:172 Resp: 297060

Ion Ratio Lower Upper

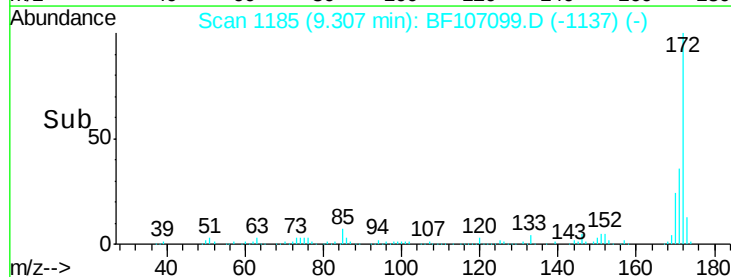
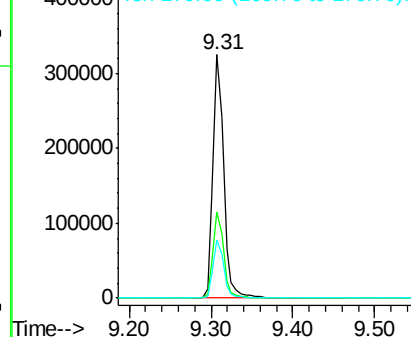
172 100

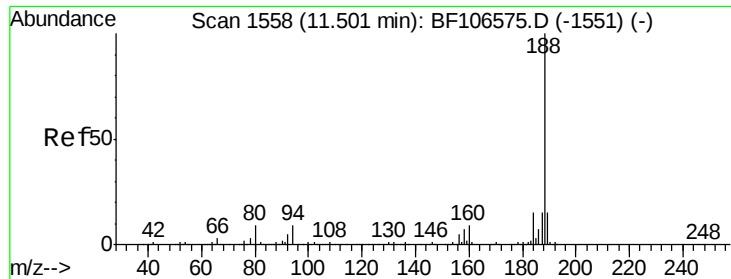
171 35.6 29.7 44.5

170 23.6 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

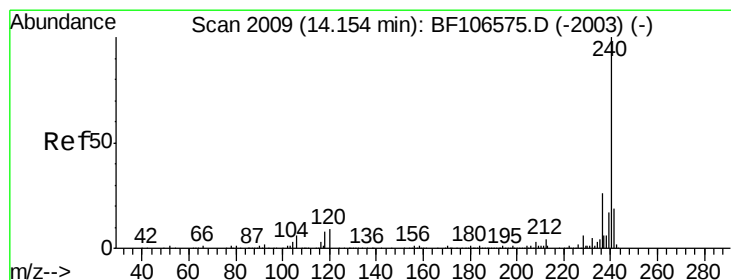
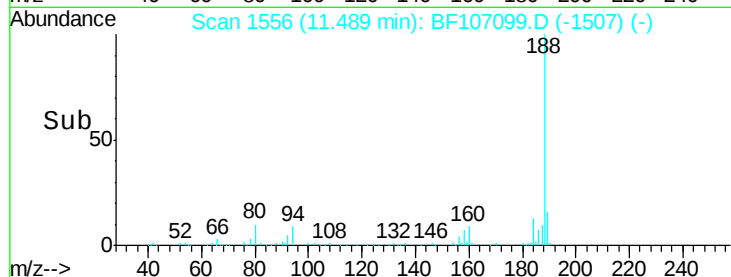
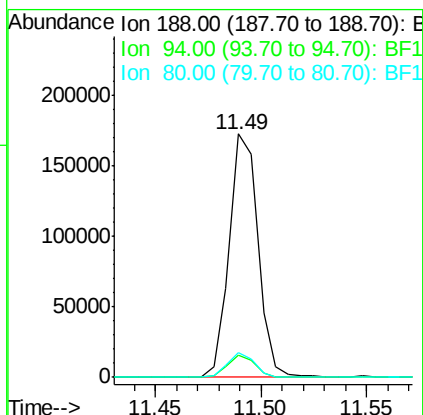
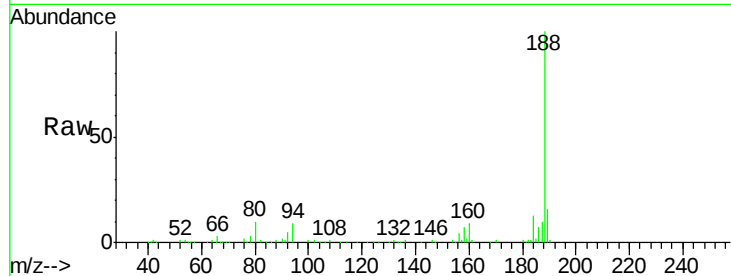




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

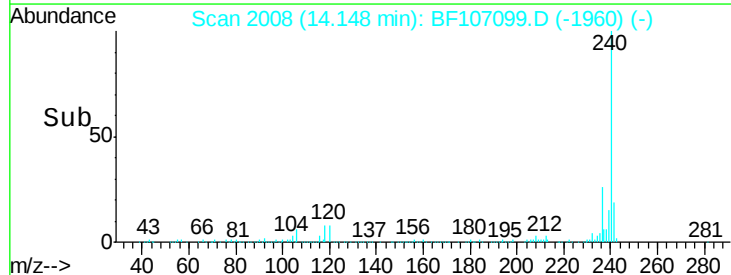
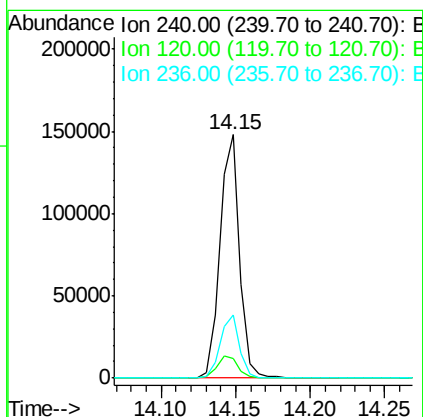
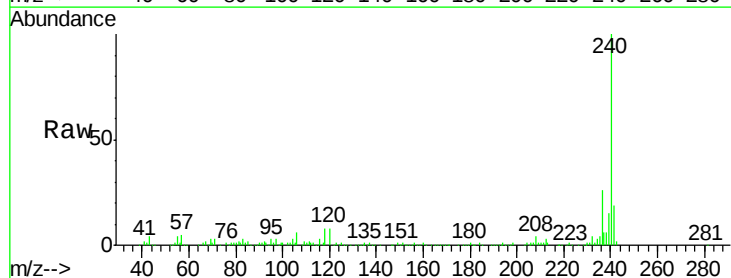
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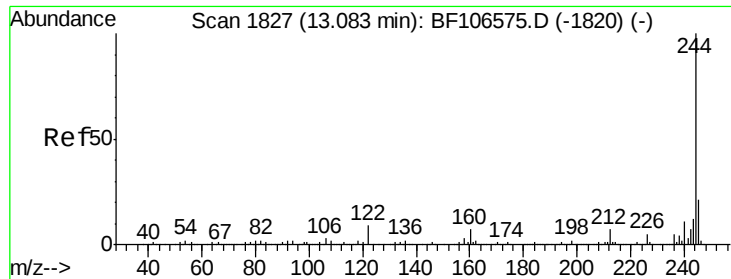
Tot Ion:188 Resp: 162792
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

Tgt Ion:240 Resp: 136498
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 25.9 20.7 31.1

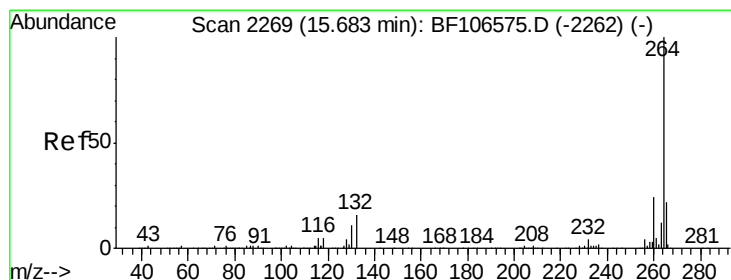
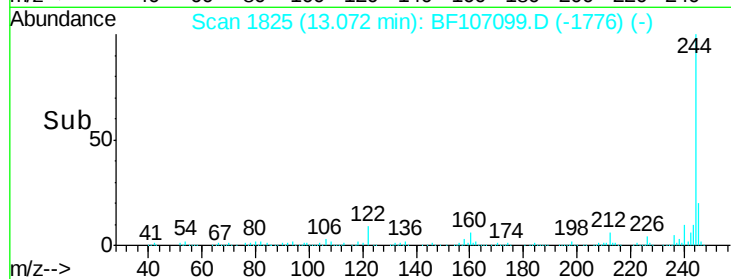
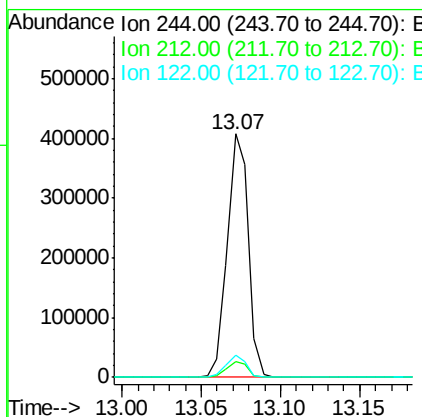
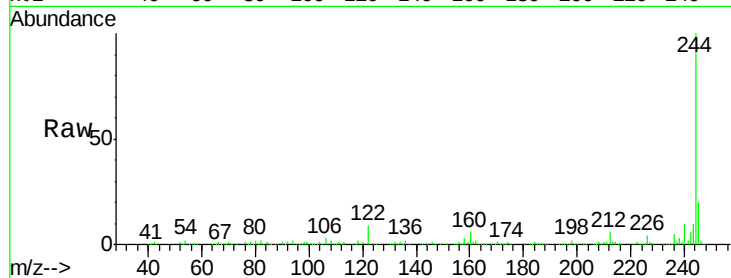




#78
 Terphenyl-d14
 Concen: 66.429 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Tot Ion:244 Resp: 374331
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.2 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: BF107099.D
 Acq: 3 Jul 2018 23:55

Tgt Ion:264 Resp: 99274
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.5 26.3

