

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107073.D
 Acq On : 3 Jul 2018 11:06
 Operator : JU/SJ
 Sample : PB110757BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BL

Quant Time: Jul 03 12:38:20 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	63217	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	245385	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	129085	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	272875	20.00	ng	0.00
75) Chrysene-d12	14.15	240	227031	20.00	ng	-0.02
86) Perylene-d12	15.70	264	175875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	441418	118.24	ng	0.00
7) Phenol-d6	6.61	99	553150	118.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	351413	79.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	158578	105.99	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	677115	89.58	ng	-0.01
78) Terphenyl-d14	13.08	244	896380	95.64	ng	0.00

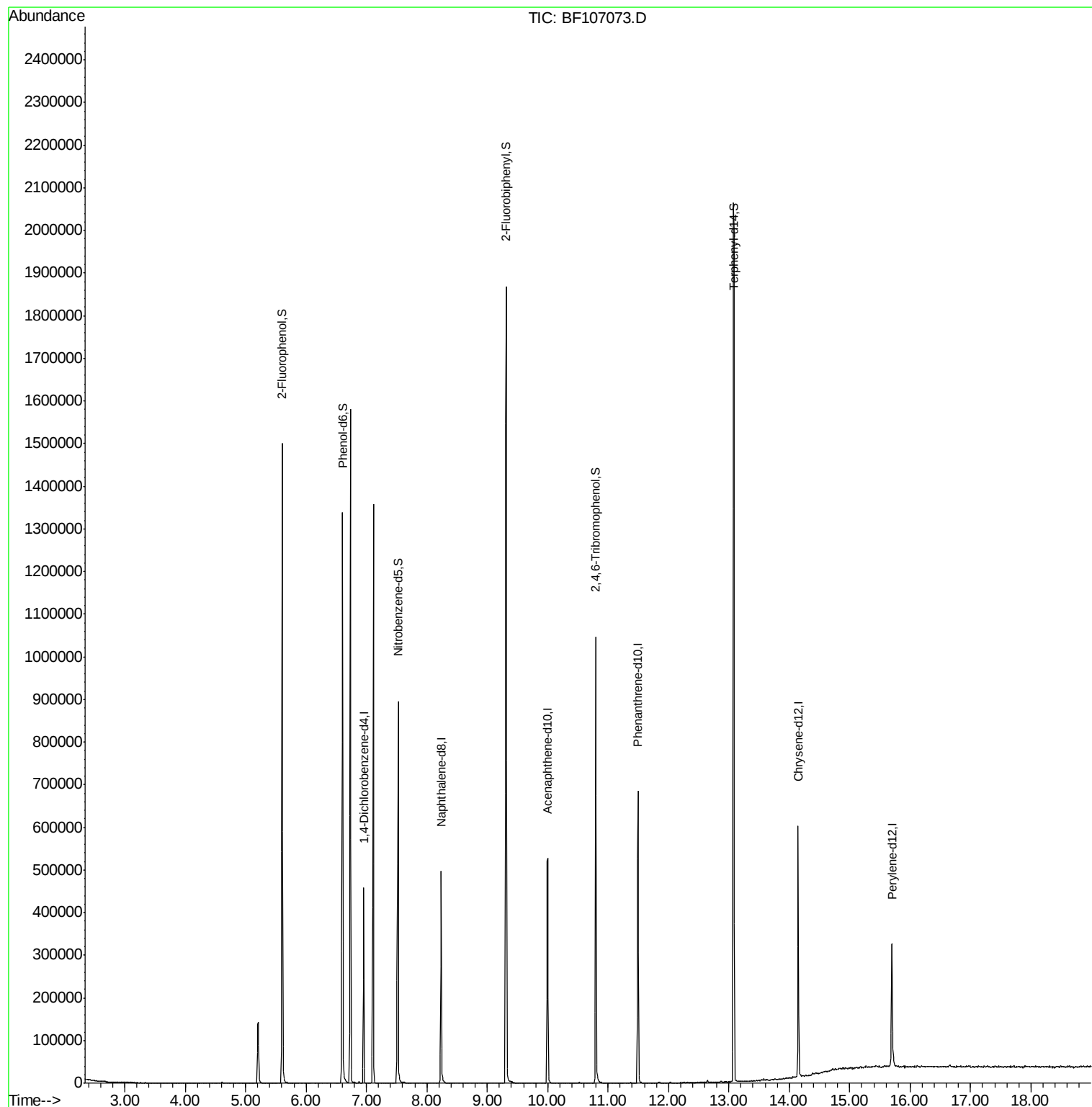
Target Compounds Qvalue

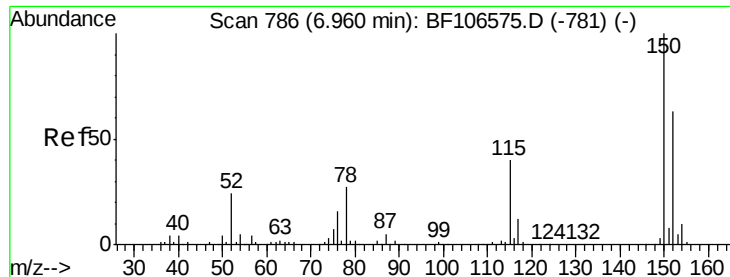
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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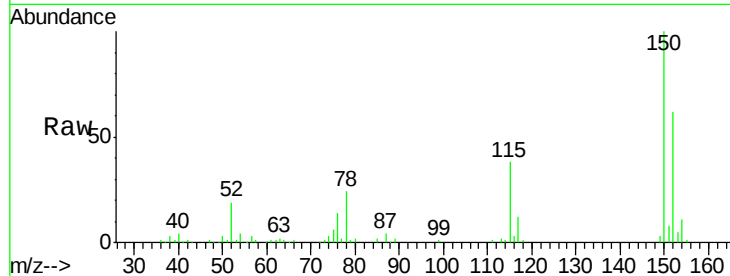


#1

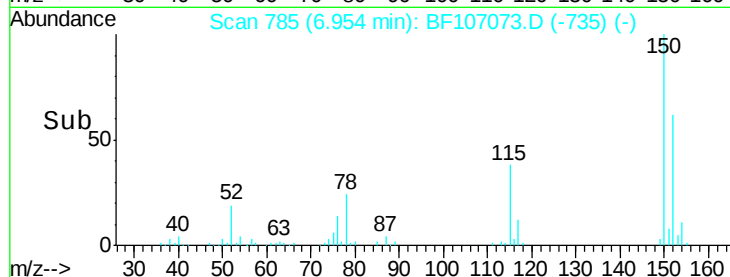
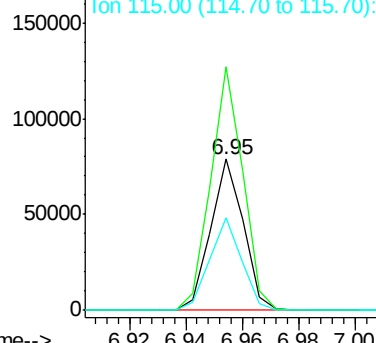
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tot Ion:152 Resp: 63217
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 61.8 50.1 75.1



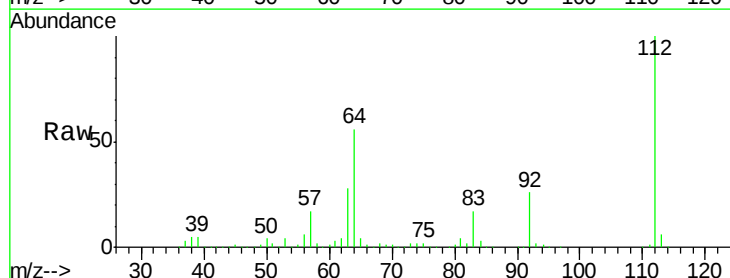
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



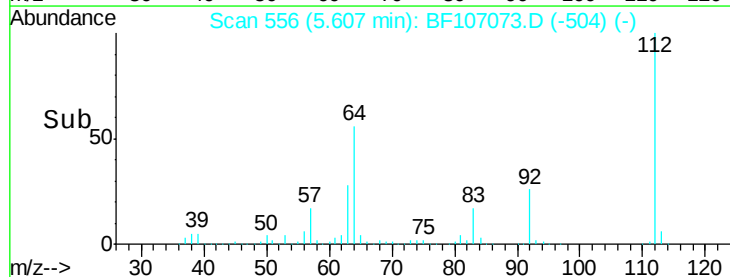
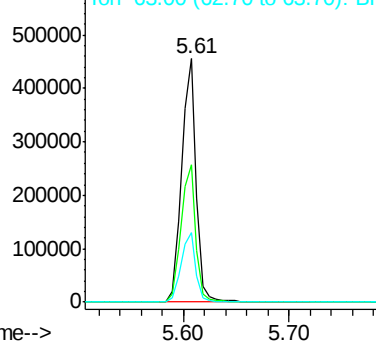
#5

2-Fluorophenol
Concen: 118.237 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:112 Resp: 441418
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.3 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: 118.646 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107073.D

Acq: 3 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

PB110757BL

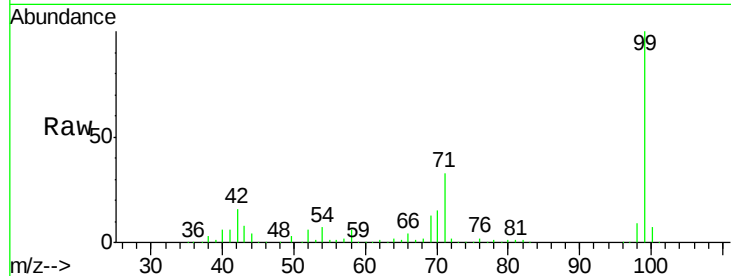
Tot Ion: 99 Resp: 553150

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

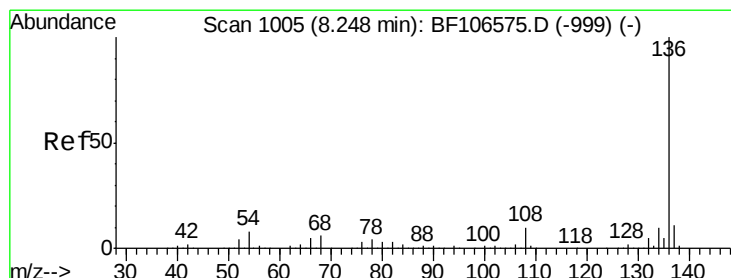
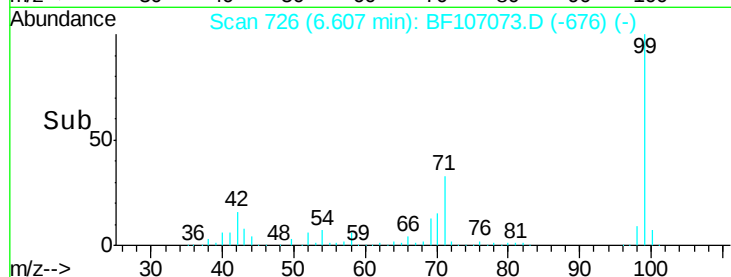
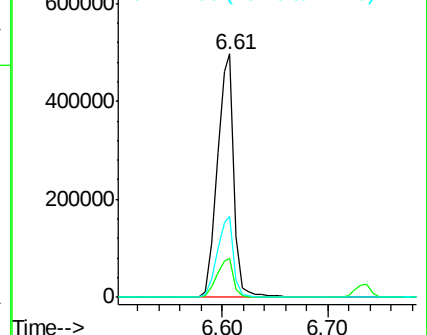
71 33.3 25.4 38.0



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: BF107073.D

Acq: 3 Jul 2018 11:06

Tgt Ion: 136 Resp: 245385

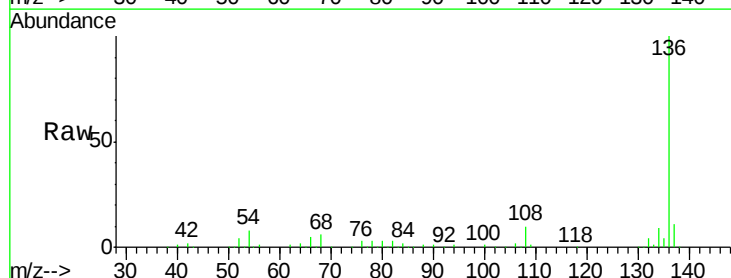
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

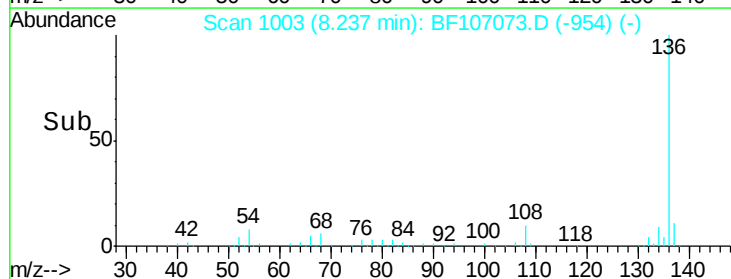
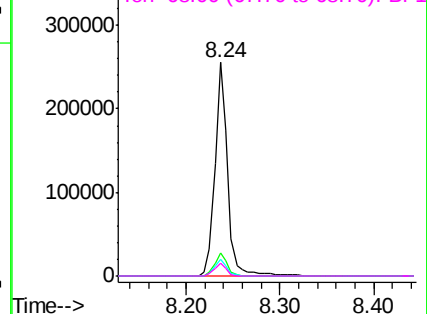


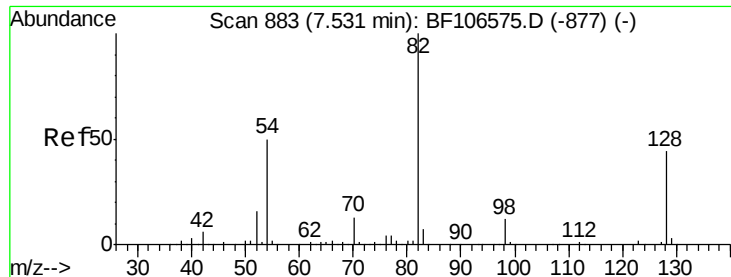
Abundance Ion 136.00 (135.70 to 136.70): E

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

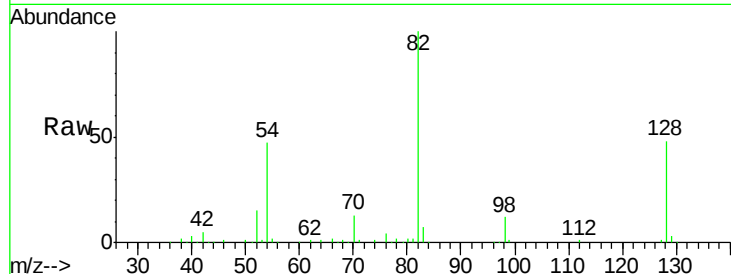




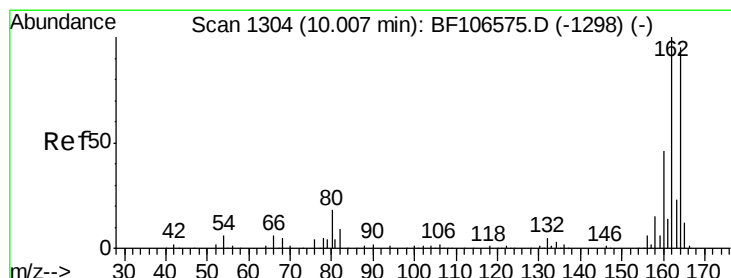
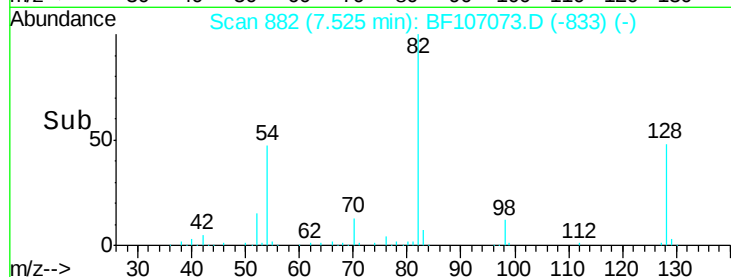
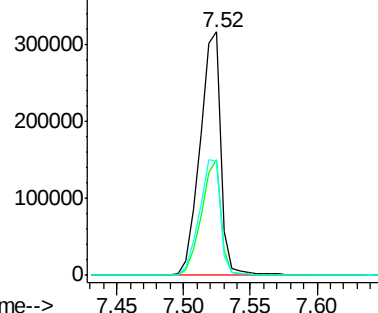
#23
Nitrobenzene-d5
Concen: 79.586 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tot Ion: 82 Resp: 351413
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 47.2 41.4 62.2

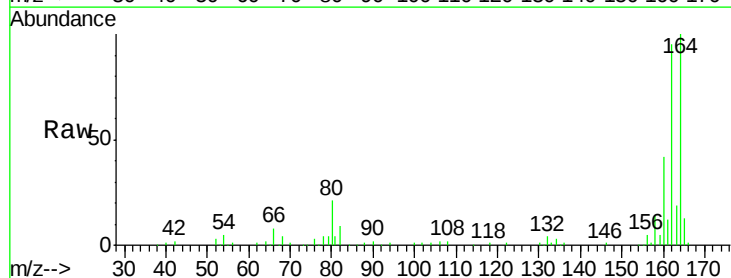


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

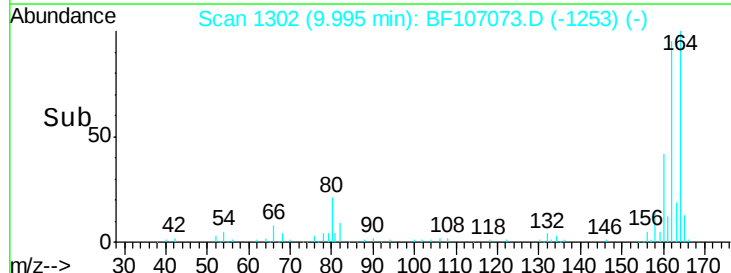
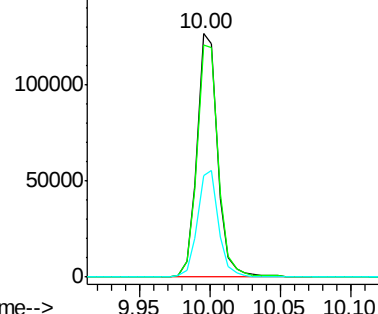


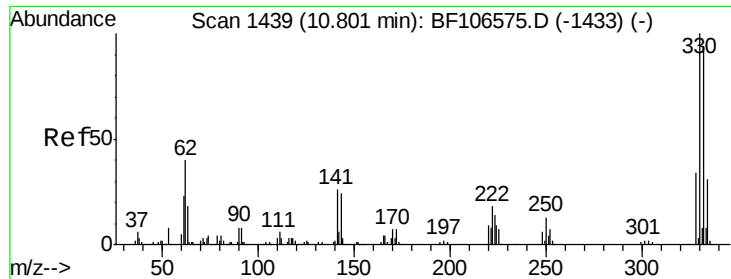
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:164 Resp: 129085
Ion Ratio Lower Upper
164 100
162 95.3 86.1 129.1
160 42.0 38.3 57.5



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

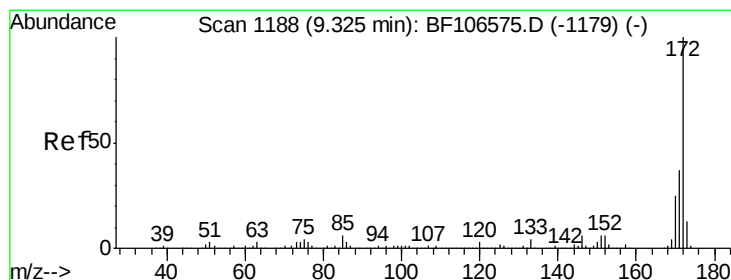
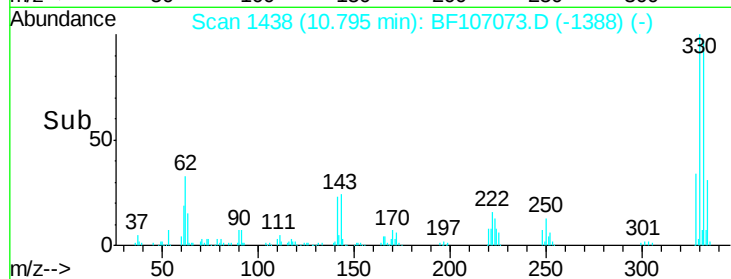
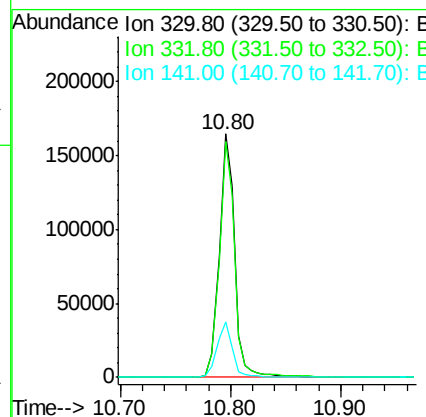
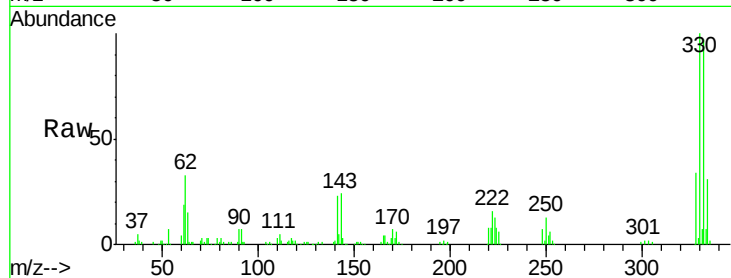




#41
 2,4,6-Tribromophenol
 Concen: 105.992 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

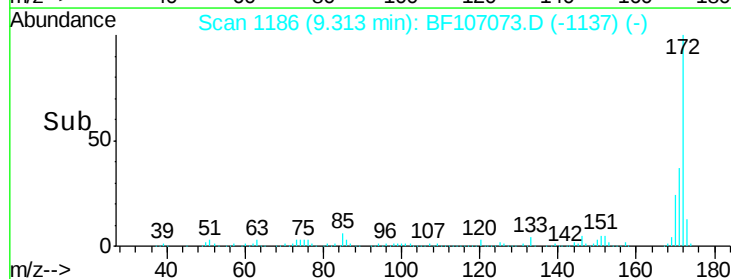
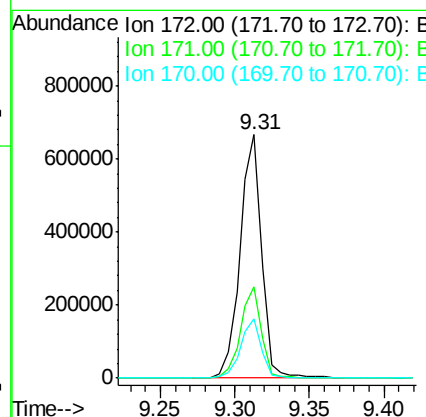
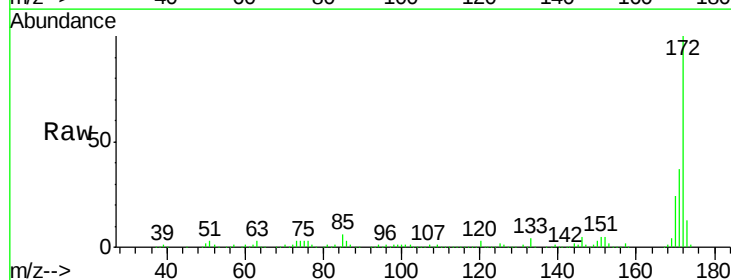
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 BNA_F
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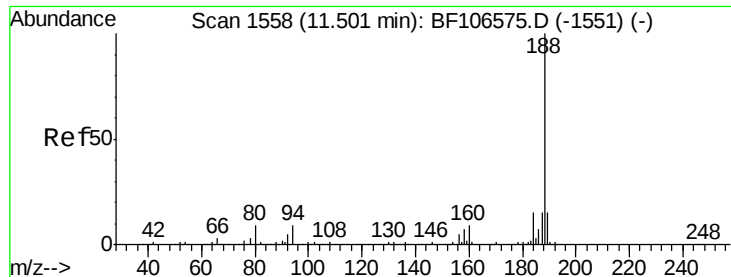
Tot Ion:330 Resp: 158578
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 22.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 89.582 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

Tgt Ion:172 Resp: 677115
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.4 19.6 29.4

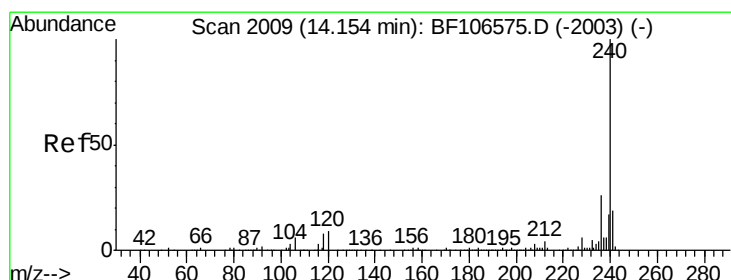
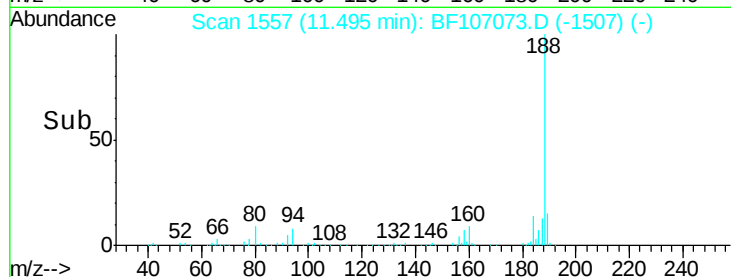
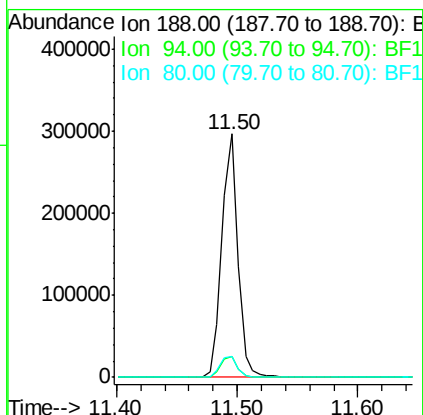
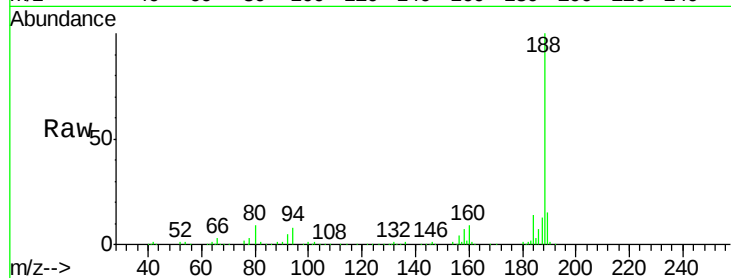




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

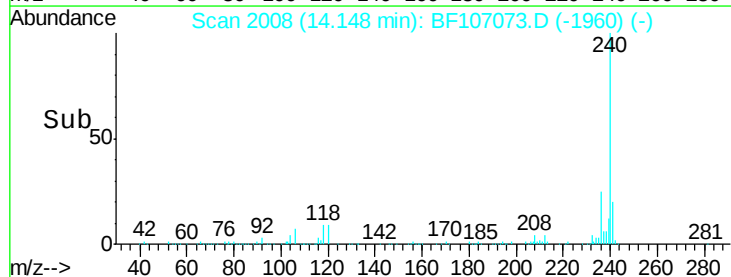
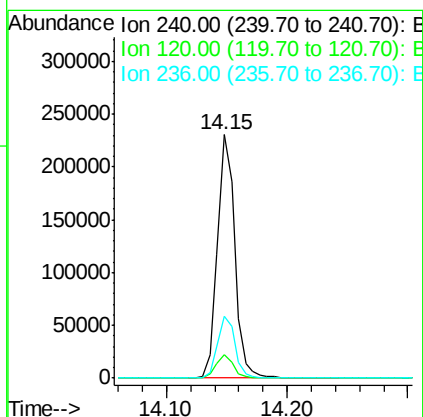
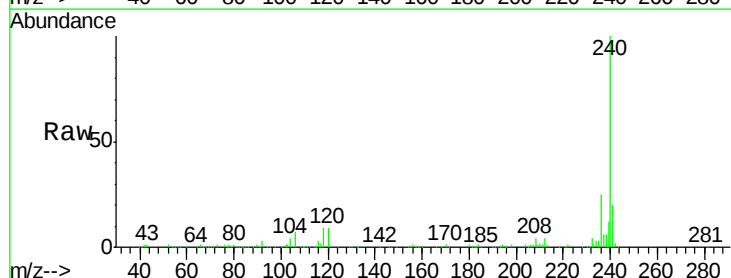
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PB110757BL

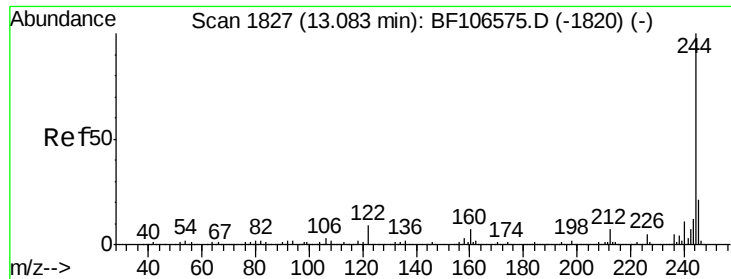
Tot Ion:188 Resp: 272875
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:240 Resp: 227031
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.4 20.7 31.1

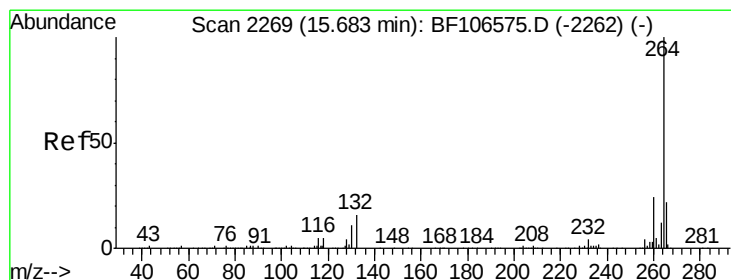
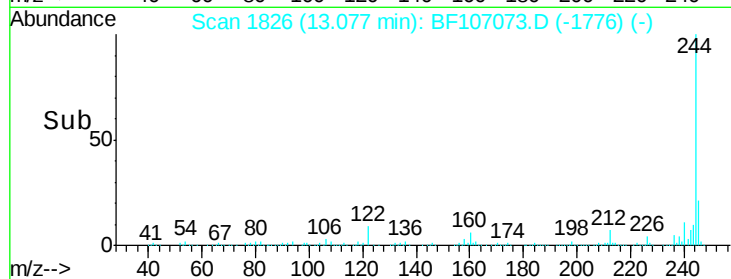
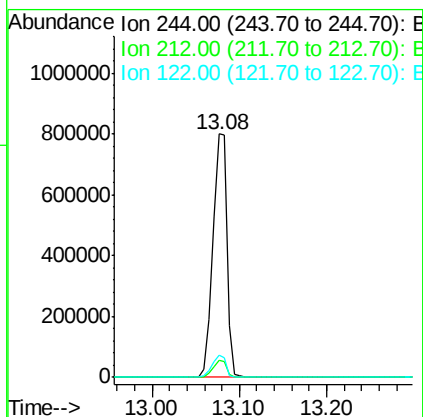
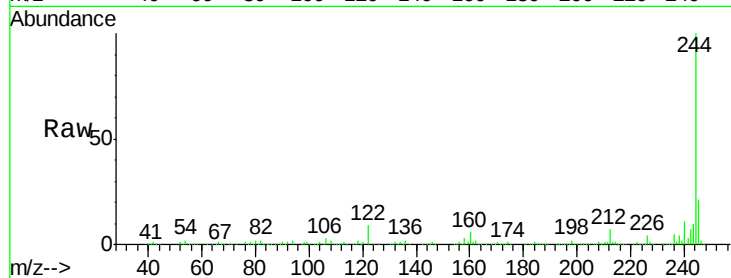




#78
Terphenyl-d14
Concen: 95.639 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tot Ion:244 Resp: 896380
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 9.1 11.0 16.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:264 Resp: 175875
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.5 17.5 26.3

