

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107081.D
 Acq On : 3 Jul 2018 14:46
 Operator : JU/SJ
 Sample : J3629-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

Quant Time: Jul 03 15:42:23 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	51704	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	195593	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	83379	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	145962	20.00	ng	0.00
75) Chrysene-d12	14.15	240	158980	20.00	ng	-0.01
86) Perylene-d12	15.70	264	113473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	35493	11.62	ng	0.00
7) Phenol-d6	6.61	99	42476	11.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	41619	11.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	8815	9.12	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	94356	5.33	ng	-0.01
78) Terphenyl-d14	13.07	244	98937	15.07	ng	-0.01

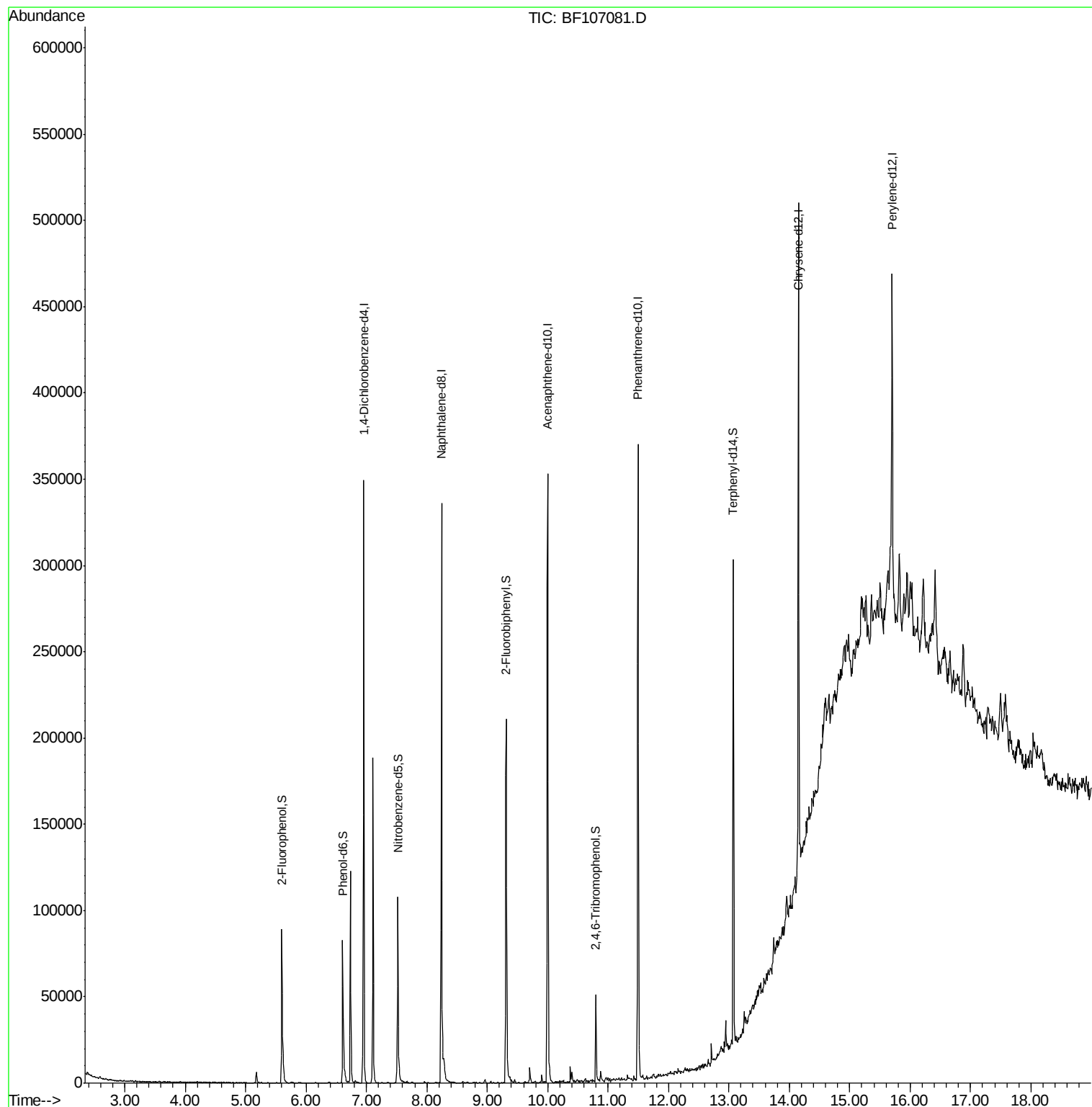
Target Compounds Qvalue

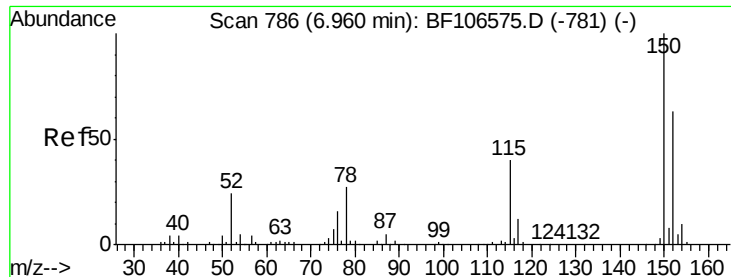
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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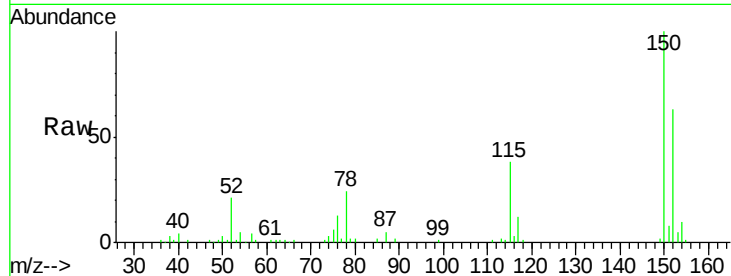


#1

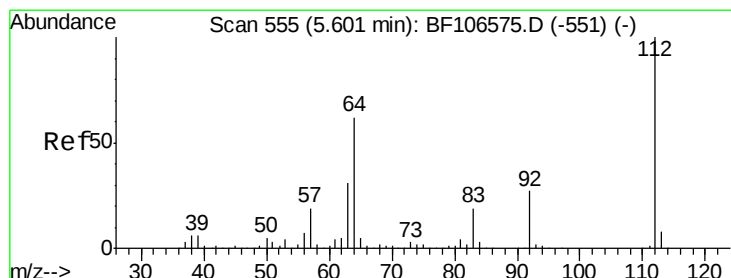
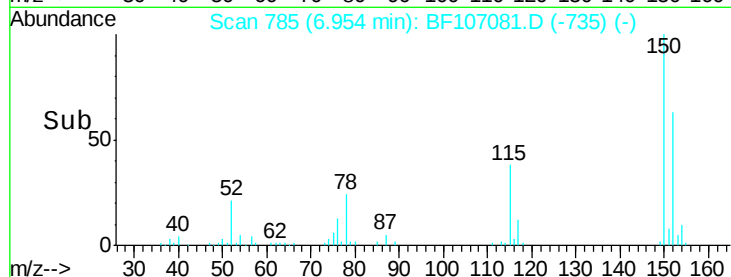
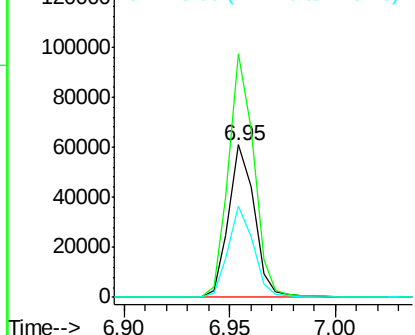
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107081.D
Acq: 3 Jul 2018 14:46

Instrument :
BNA_F
ClientSampleId :
A0C10-02

Tot Ion:152 Resp: 51704
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 60.0 50.1 75.1



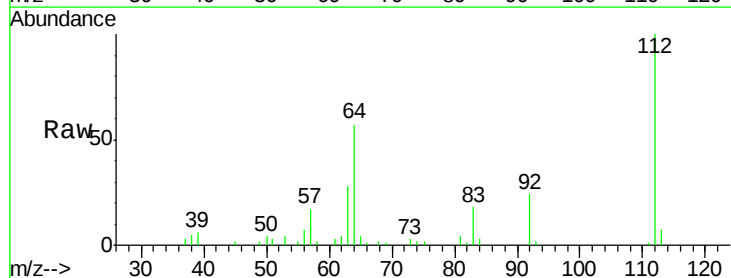
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



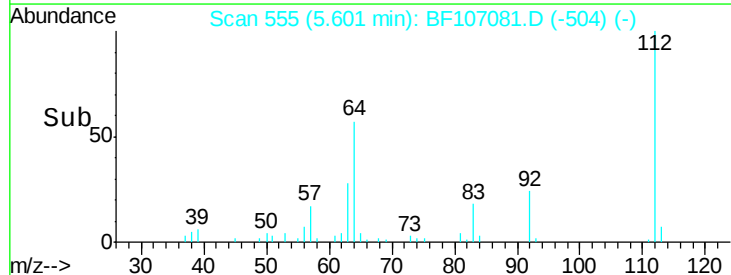
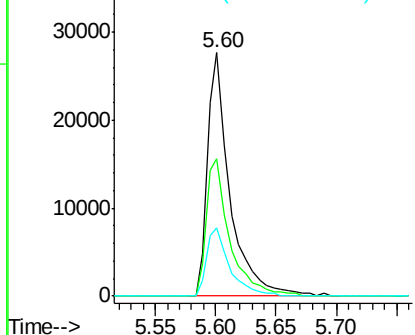
#5

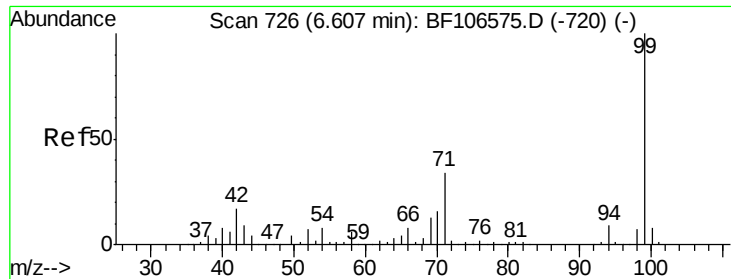
2-Fluorophenol
Concen: 11.624 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107081.D
Acq: 3 Jul 2018 14:46

Tgt Ion:112 Resp: 35493
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.0 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: 11.139 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107081.D

Acq: 3 Jul 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A0C10-02

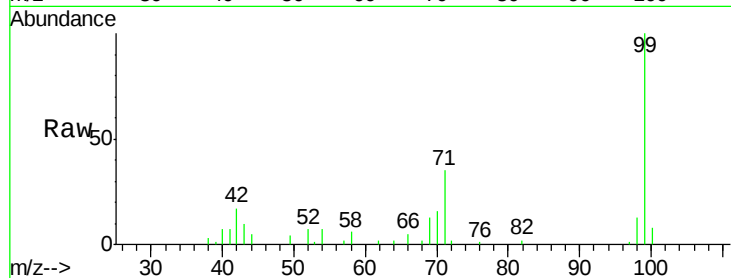
Tot Ion: 99 Resp: 42476

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

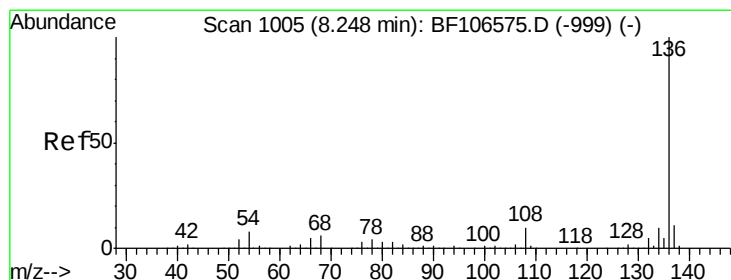
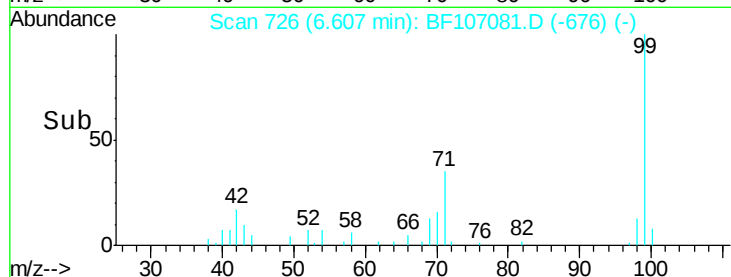
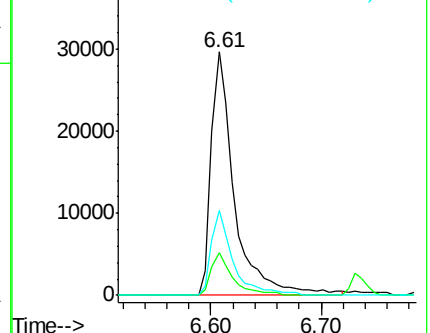
71 35.0 25.4 38.0



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. -0.01 min

Lab File: BF107081.D

Acq: 3 Jul 2018 14:46

Tgt Ion: 136 Resp: 195593

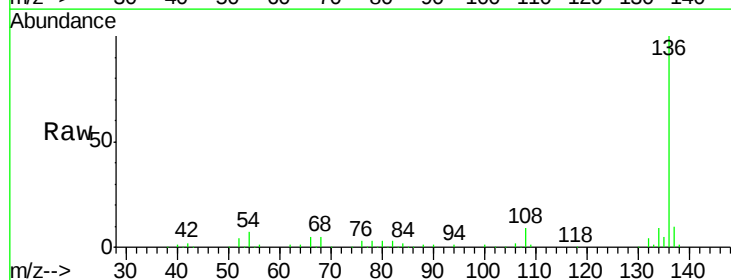
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.9 6.6 9.8

68 5.4 5.0 7.4

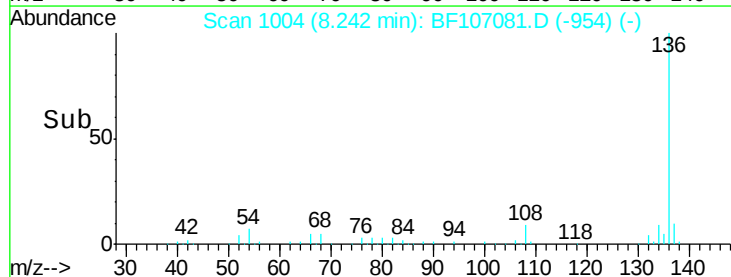
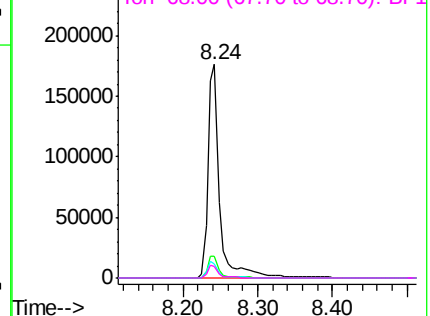


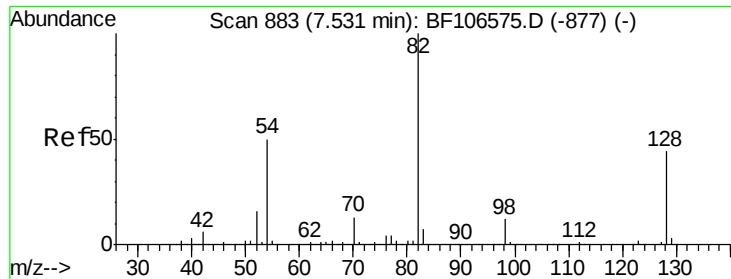
Abundance Ion 136.00 (135.70 to 136.70): E

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

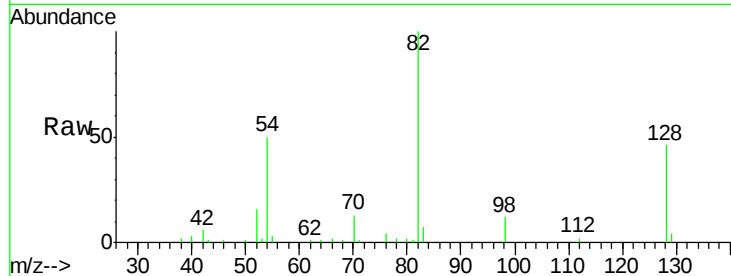




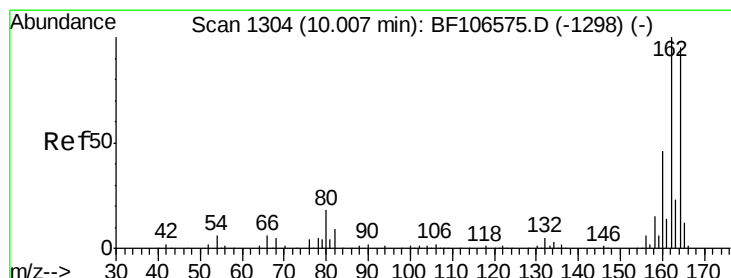
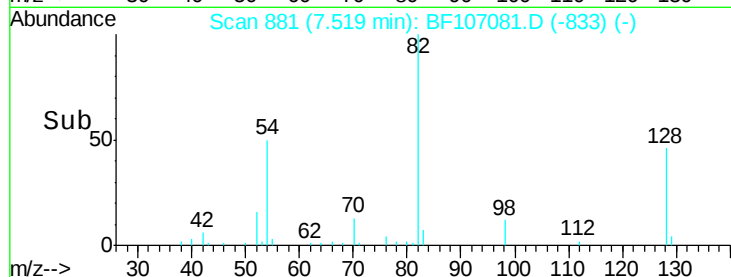
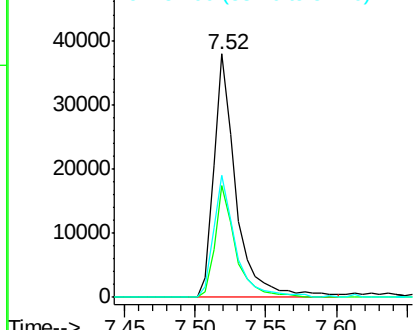
#23
 Nitrobenzene-d5
 Concen: 11.825 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107081.D
 Acq: 3 Jul 2018 14:46

Instrument :
 BNA_F
 ClientSampleID :
 A0C10-02

Tot Ion: 82 Resp: 41619
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 50.3 41.4 62.2

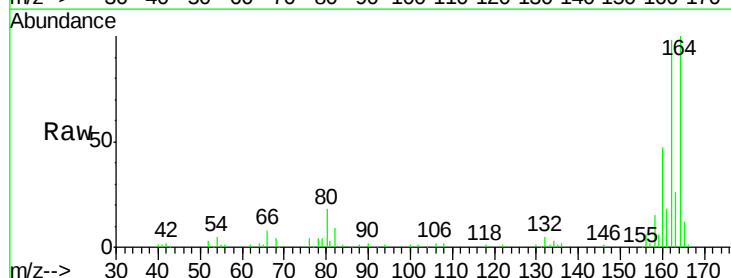


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

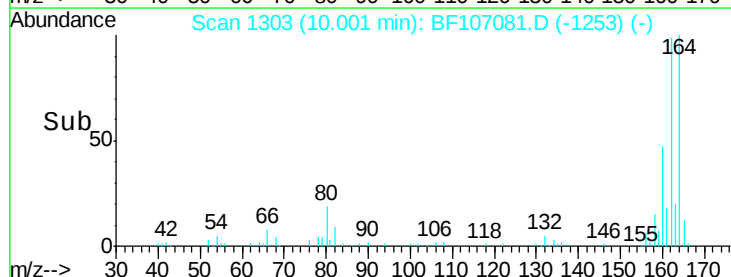
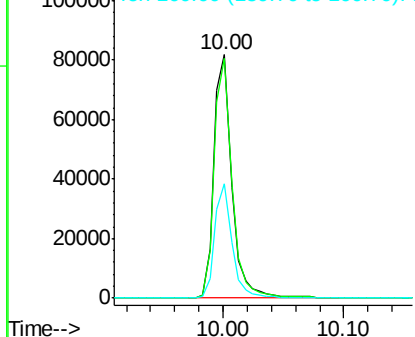


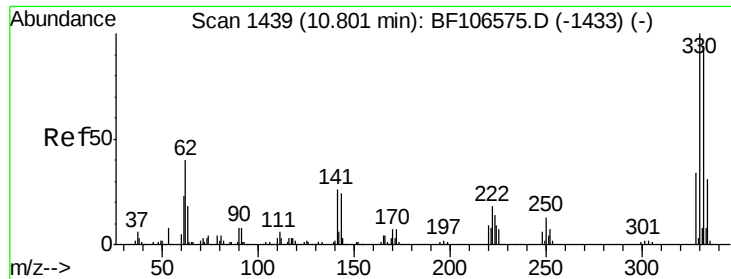
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107081.D
 Acq: 3 Jul 2018 14:46

Tgt Ion: 164 Resp: 83379
 Ion Ratio Lower Upper
 164 100
 162 98.3 86.1 129.1
 160 47.1 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

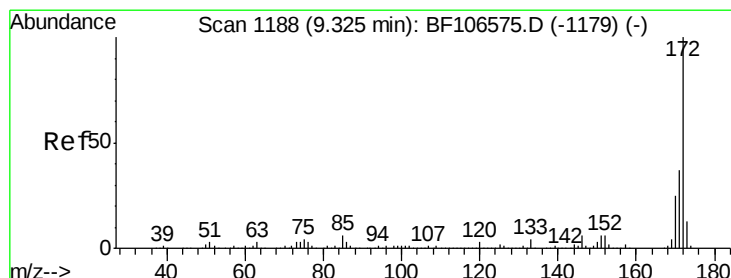
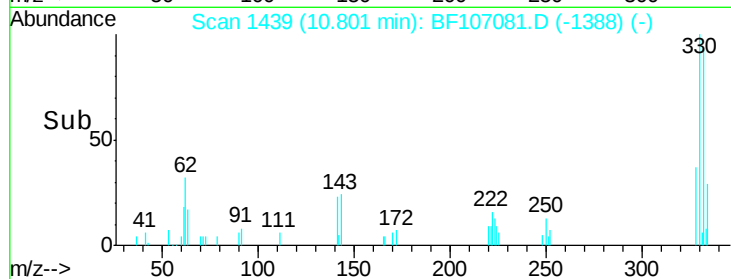
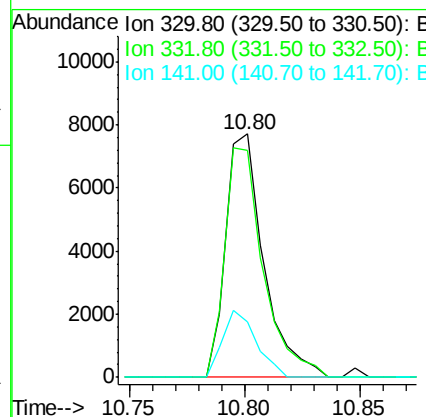
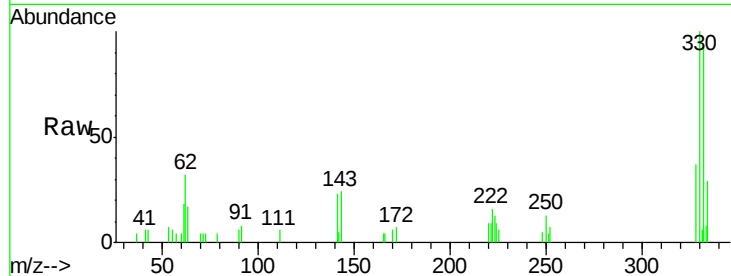




#41
 2,4,6-Tribromophenol
 Concen: 9.122 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107081.D
 Acq: 3 Jul 2018 14:46

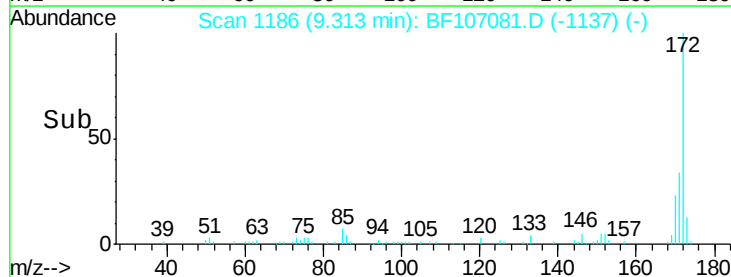
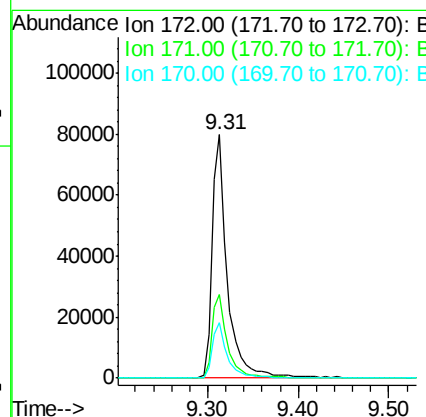
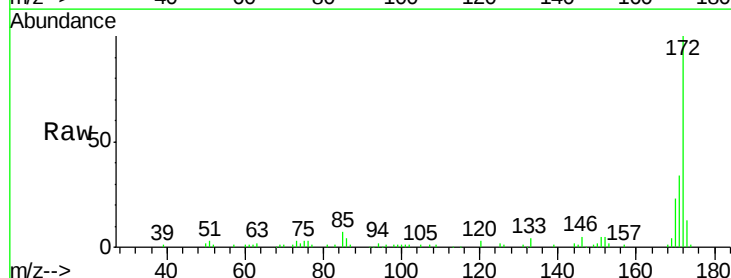
Instrument :
 BNA_F
 ClientSampleId :
 A0C10-02

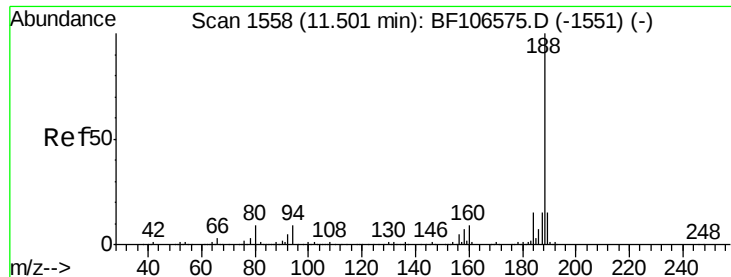
Tot Ion:330 Resp: 8815
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 24.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 5.328 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107081.D
 Acq: 3 Jul 2018 14:46

Tgt Ion:172 Resp: 94356
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.7 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: BF107081.D

Acq: 3 Jul 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A0C10-02

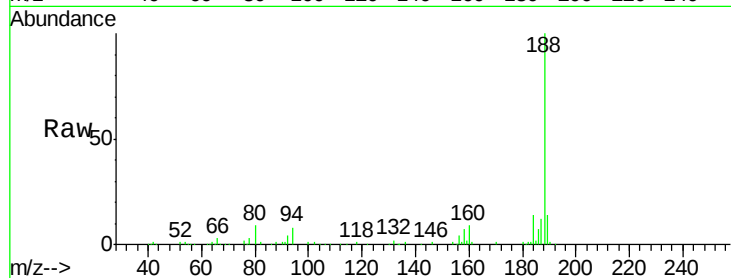
Tot Ion:188 Resp: 145962

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

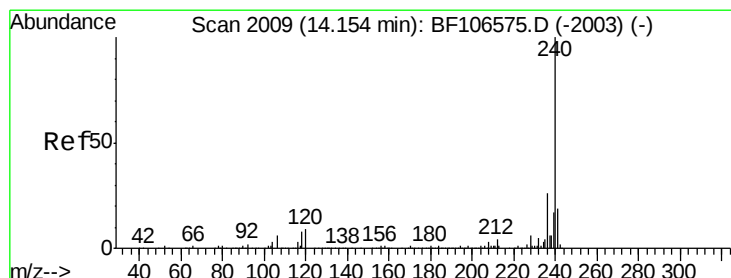
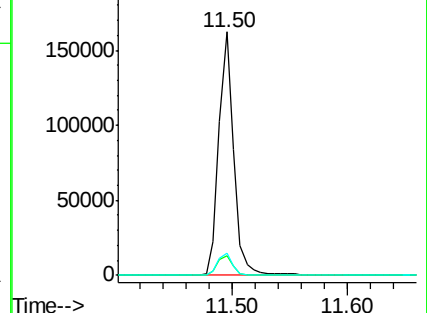
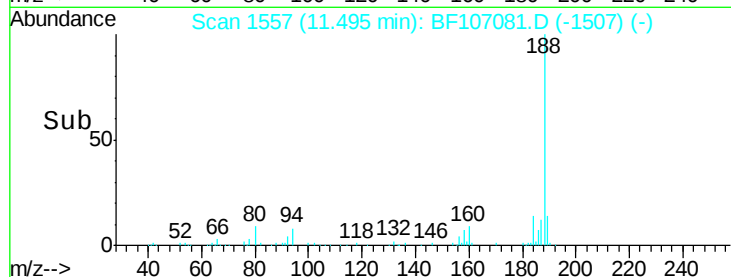
80 9.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107081.D

Acq: 3 Jul 2018 14:46

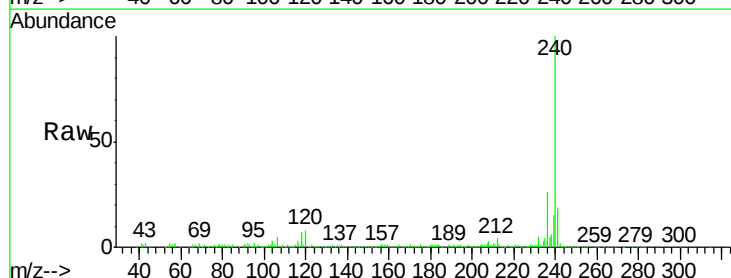
Tgt Ion:240 Resp: 158980

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

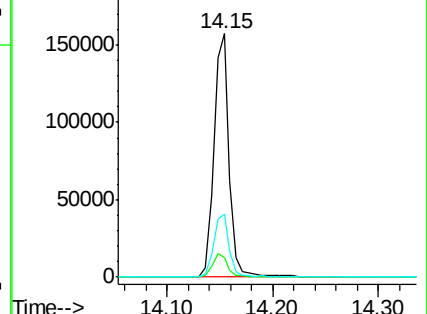
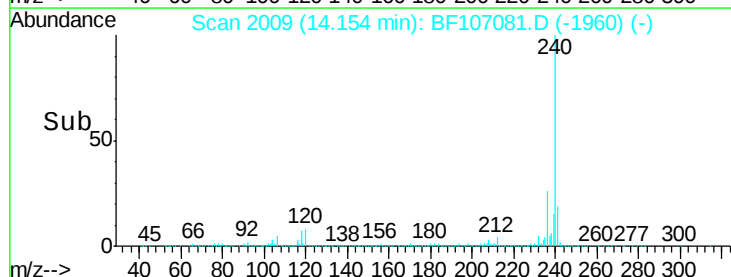
236 25.7 20.7 31.1

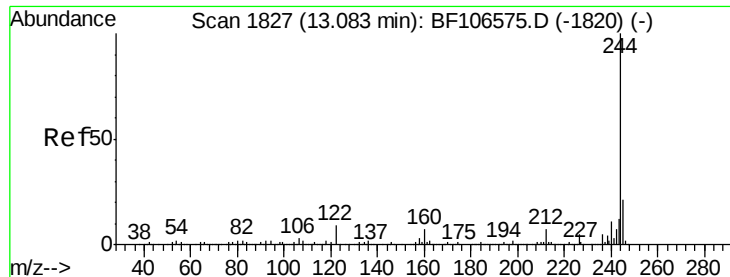


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.075 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107081.D

Acq: 3 Jul 2018 14:46

Instrument :

BNA_F

ClientSampleId :

A0C10-02

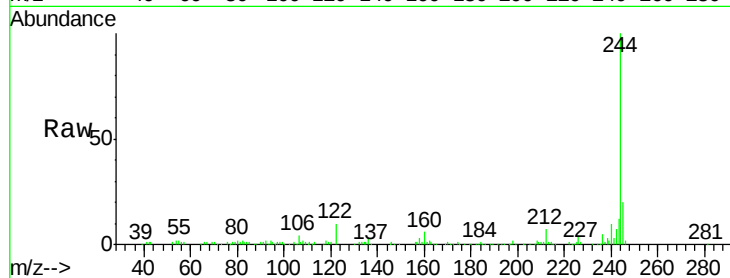
Tot Ion:244 Resp: 98937

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

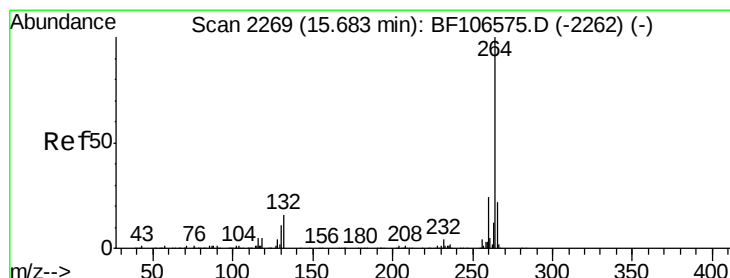
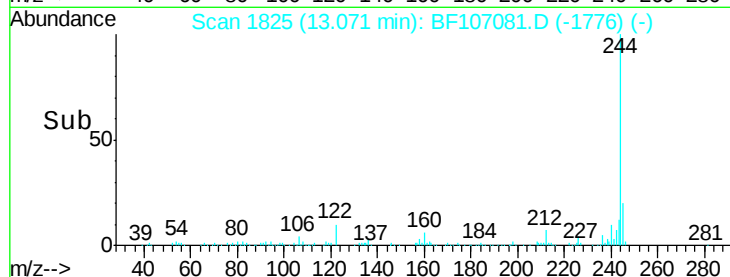
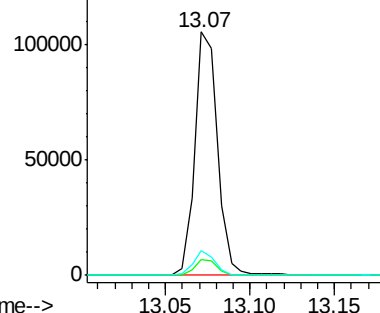
122 10.3 11.0 16.4#



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: 15.70 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF107081.D

Acq: 3 Jul 2018 14:46

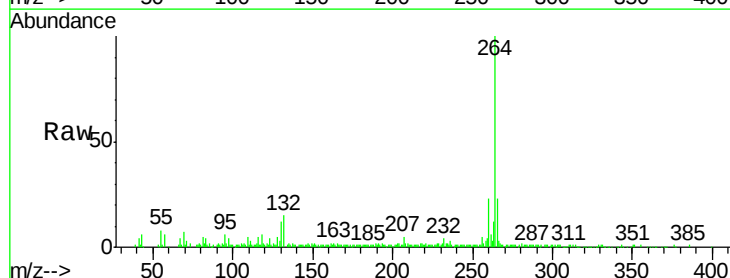
Tgt Ion:264 Resp: 113473

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.7 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

