

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107343.D
 Acq On : 12 Jul 2018 17:08
 Operator : JU/SJ
 Sample : J3824-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Quant Time: Jul 12 18:17:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

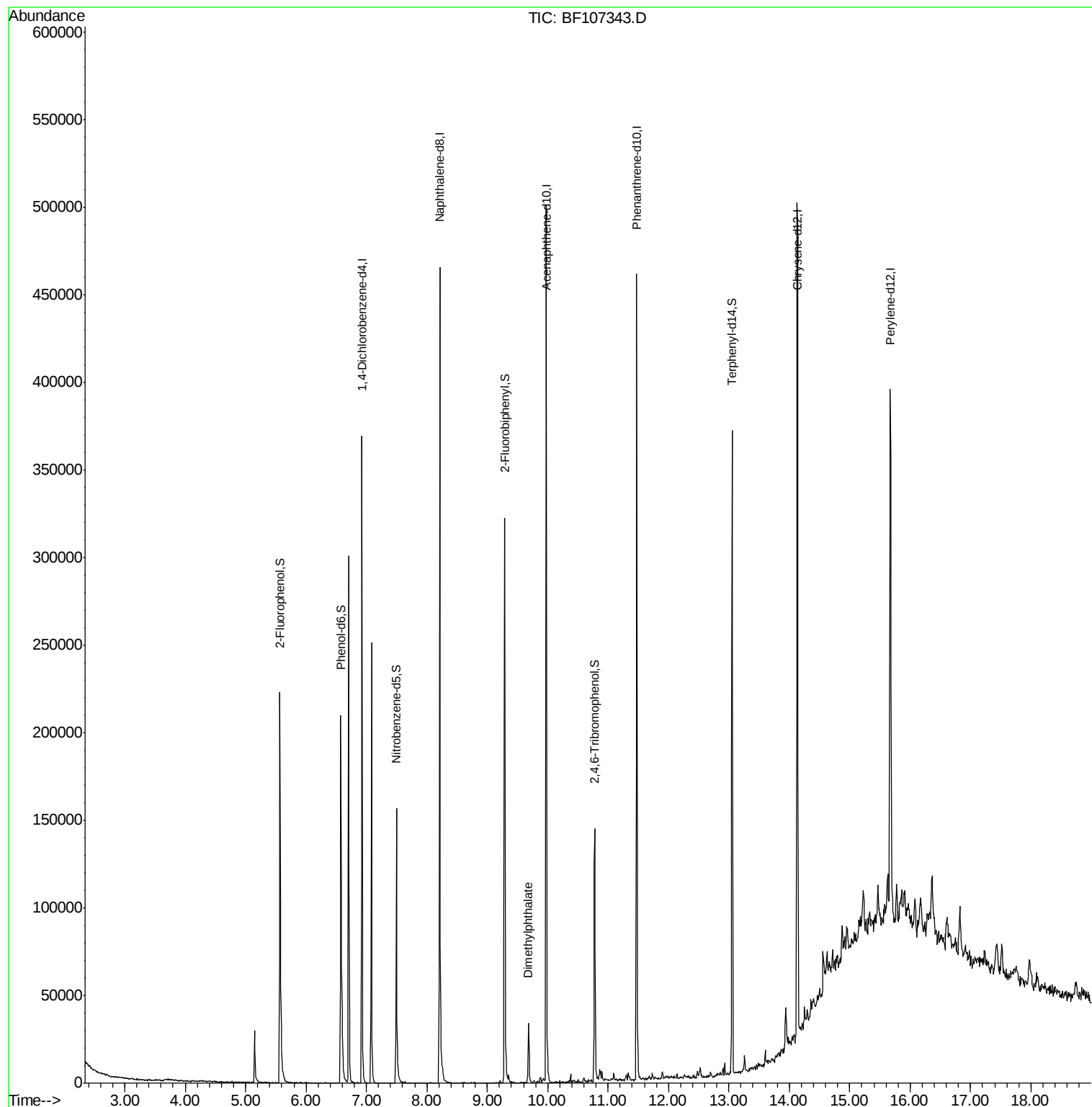
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	59201	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	234034	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	110765	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	192296	20.00	ng	0.00
75) Chrysene-d12	14.14	240	184695	20.00	ng	0.00
86) Perylene-d12	15.67	264	158120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	84673	24.22	ng	0.00
7) Phenol-d6	6.57	99	105751	24.22	ng	0.00
23) Nitrobenzene-d5	7.50	82	62710	14.89	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	23727	18.48	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	128808	5.97	ng	0.00
78) Terphenyl-d14	13.05	244	124576	16.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	19237	2.316	ng	99

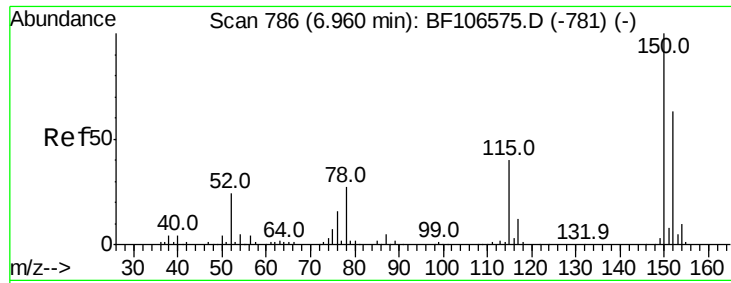
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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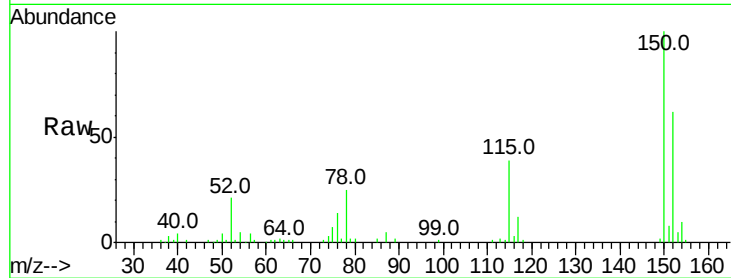


#1

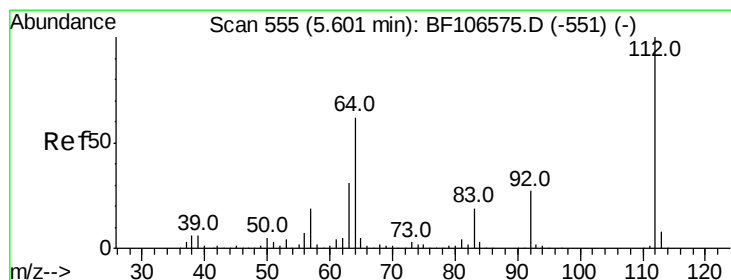
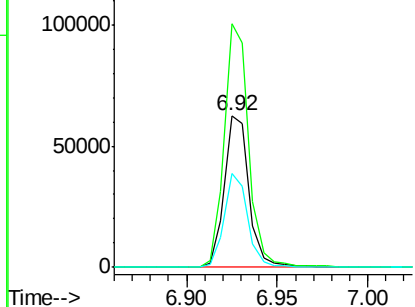
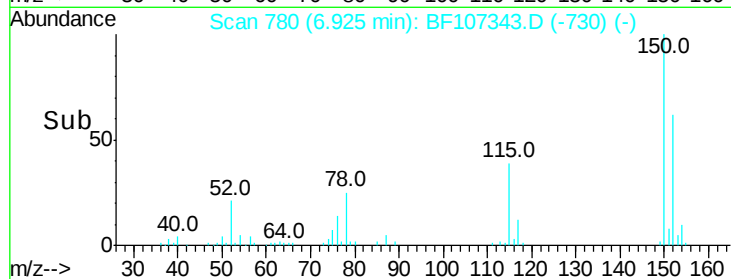
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Tot Ion:152 Resp: 59201
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 62.1 50.1 75.1



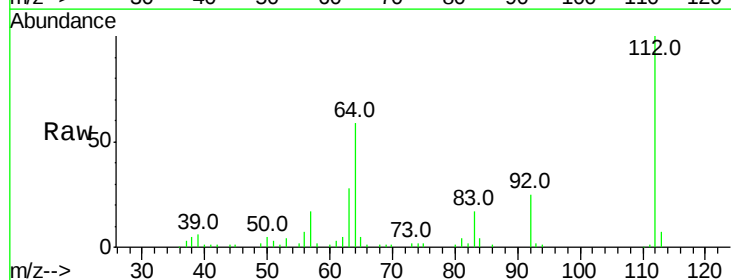
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



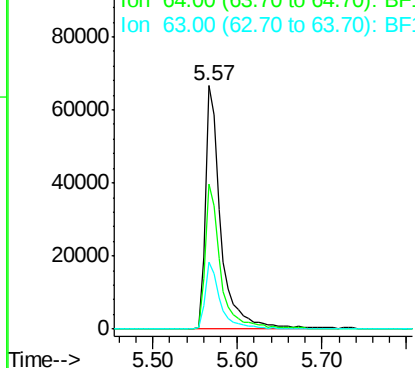
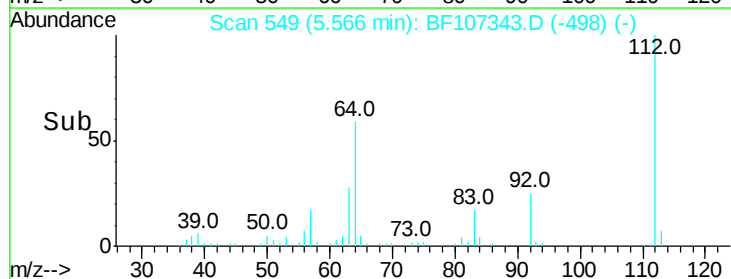
#5

2-Fluorophenol
 Concen: 24.219 ng
 RT: 5.57 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Tgt Ion:112 Resp: 84673
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 27.7 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: 24.221 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

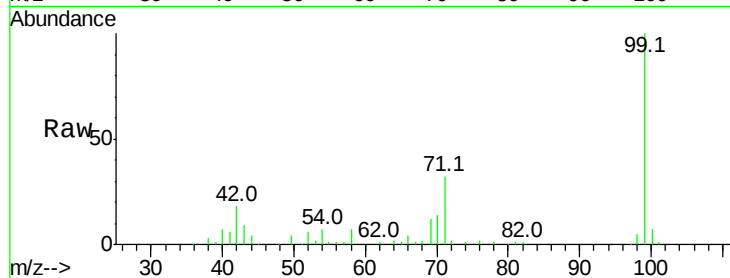
Tot Ion: 99 Resp: 105751

Ion Ratio Lower Upper

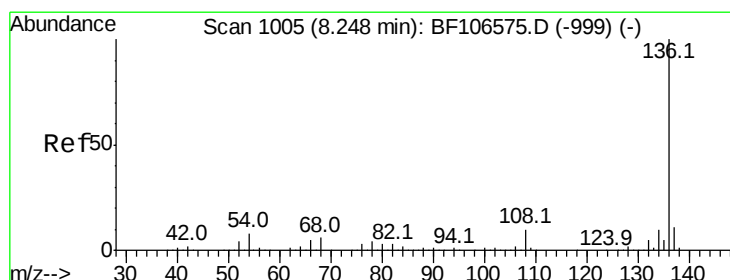
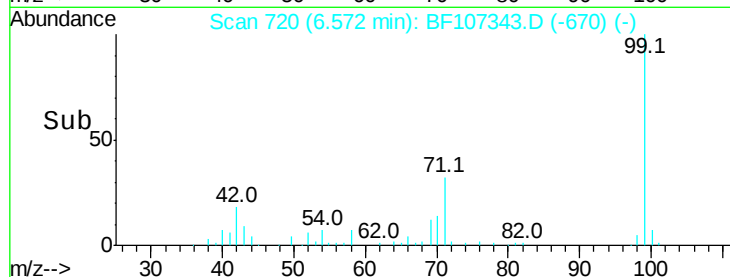
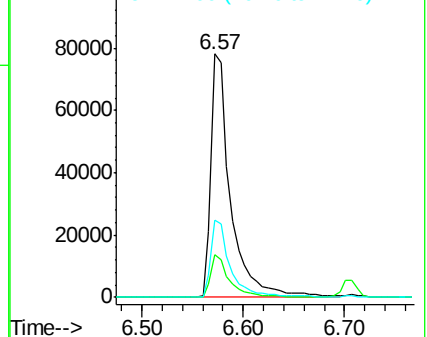
99 100

42 17.6 14.5 21.7

71 31.8 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: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Tgt Ion: 136 Resp: 234034

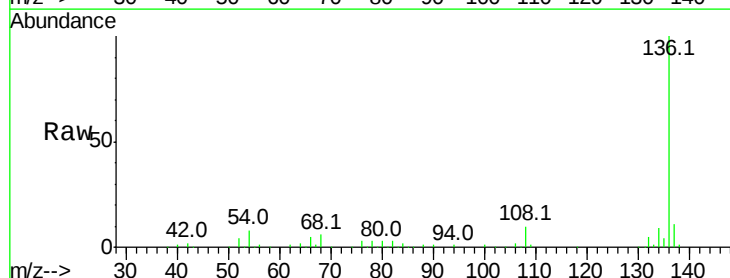
Ion Ratio Lower Upper

136 100

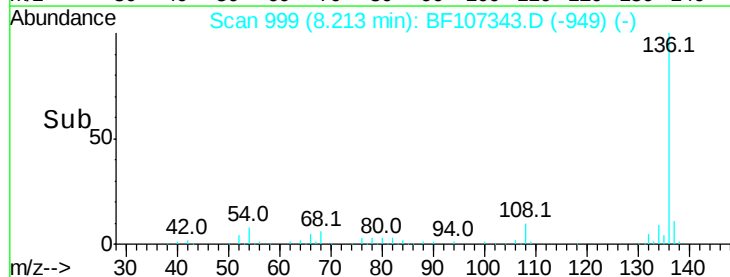
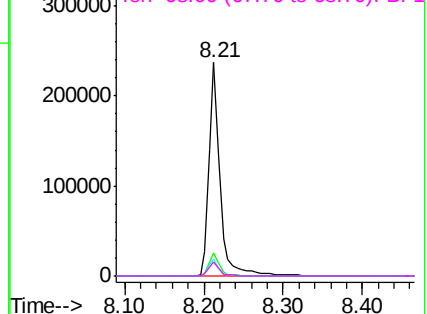
137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 6.4 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

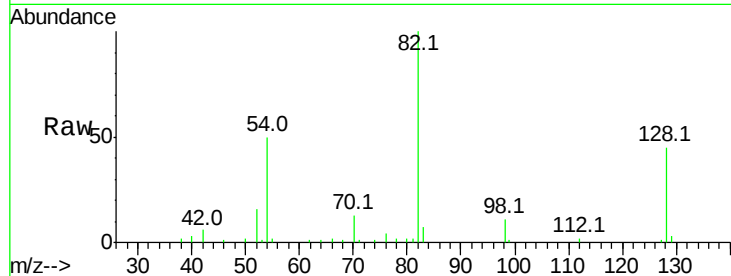




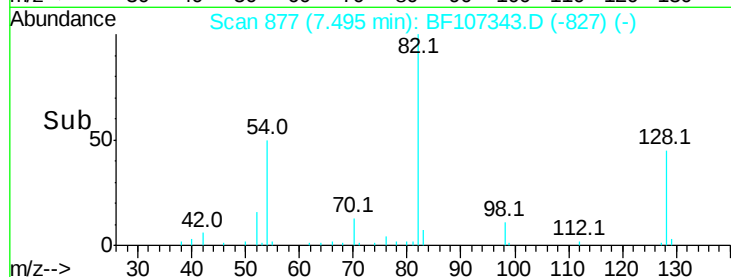
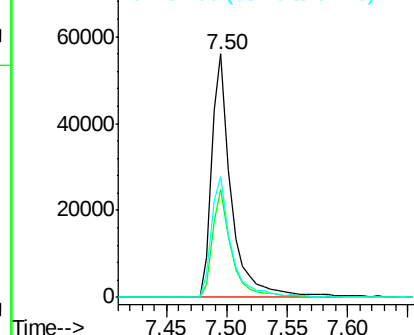
#23
 Nitrobenzene-d5
 Concen: 14.891 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Tot Ion: 82 Resp: 62710
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 49.7 41.4 62.2

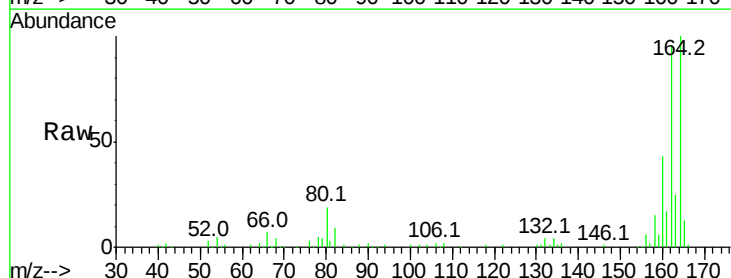


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

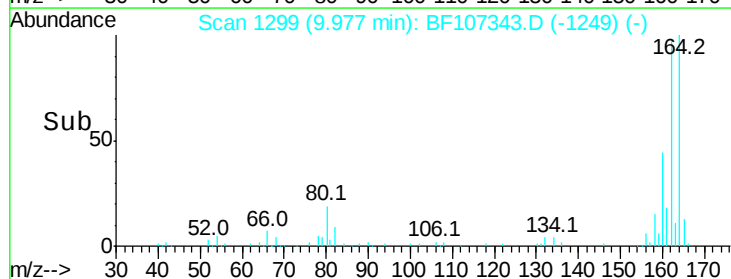
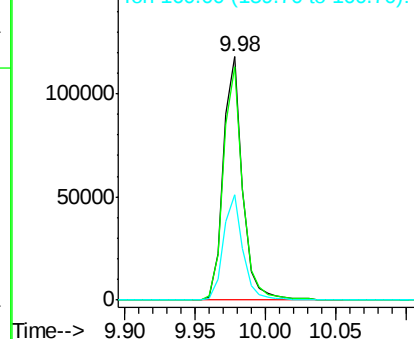


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Tgt Ion: 164 Resp: 110765
 Ion Ratio Lower Upper
 164 100
 162 95.8 86.1 129.1
 160 43.3 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

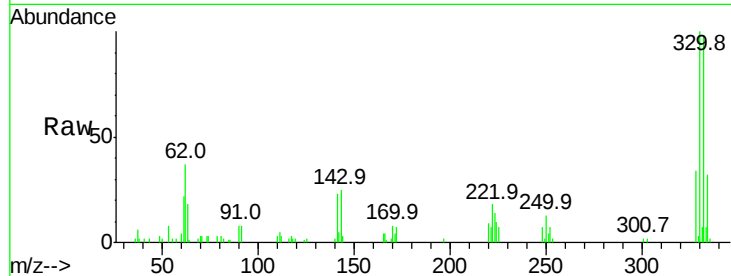




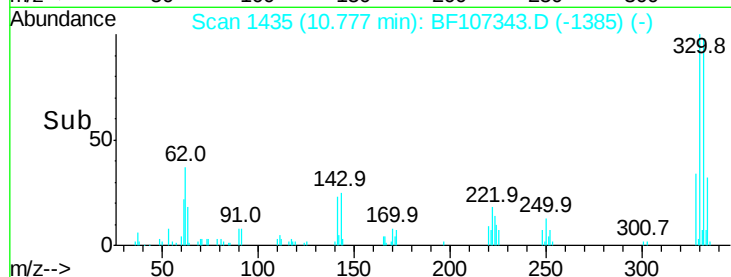
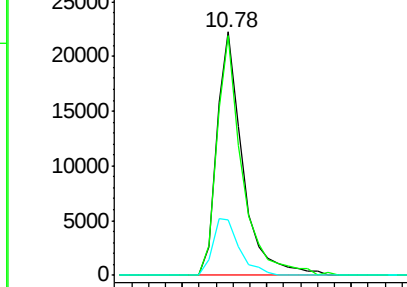
#41
 2,4,6-Tribromophenol
 Concen: 18.482 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071018

Tot Ion:330 Resp: 23727
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 24.4 29.9 44.9#

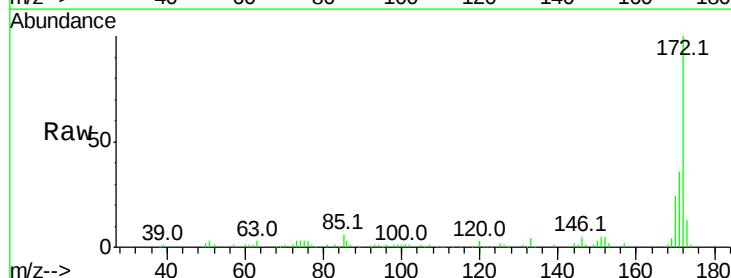


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

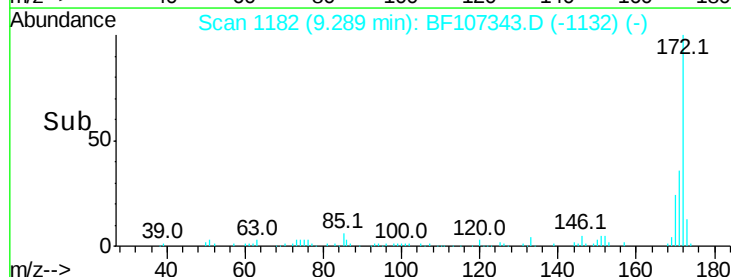
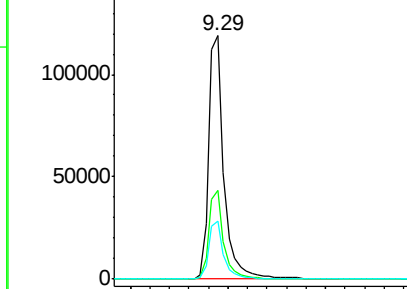


#44
 2-Fluorobiphenyl
 Concen: 5.968 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107343.D
 Acq: 12 Jul 2018 17:08

Tgt Ion:172 Resp: 128808
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.8 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





#49

Dimethylphthalate

Concen: 2.316 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

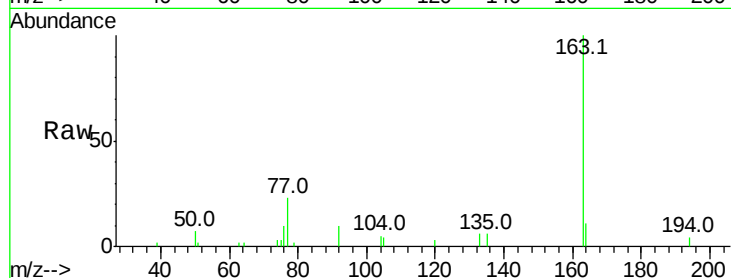
Tot Ion:163 Resp: 19237

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

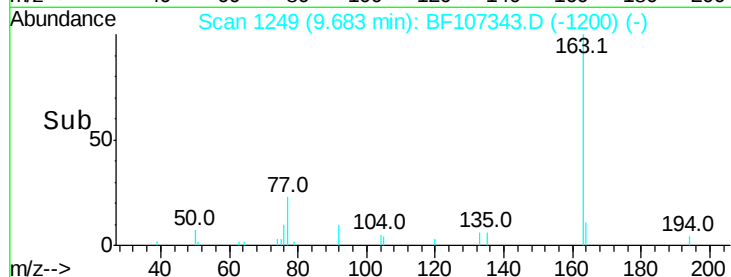
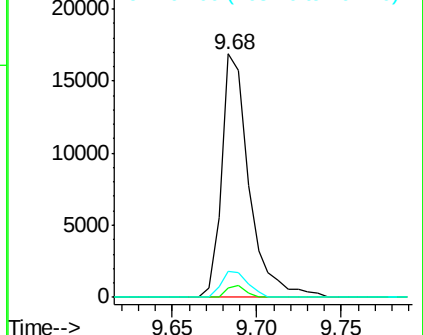
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

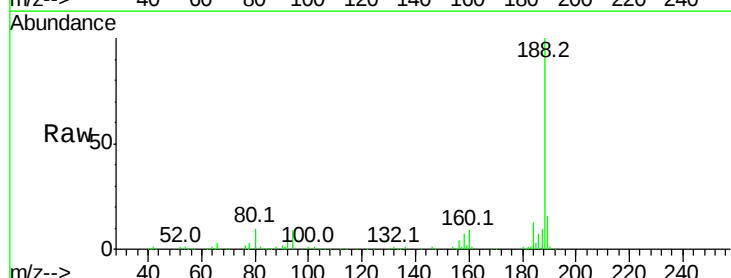
Tgt Ion:188 Resp: 192296

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

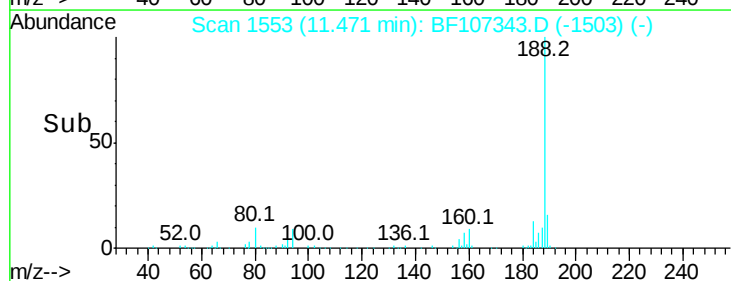
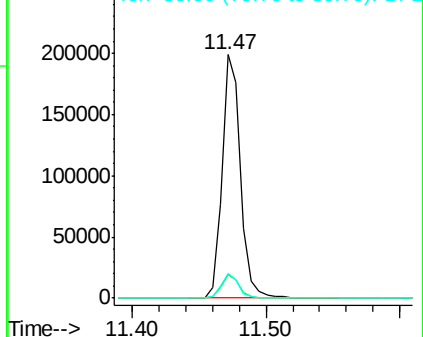
80 10.4 9.2 13.8

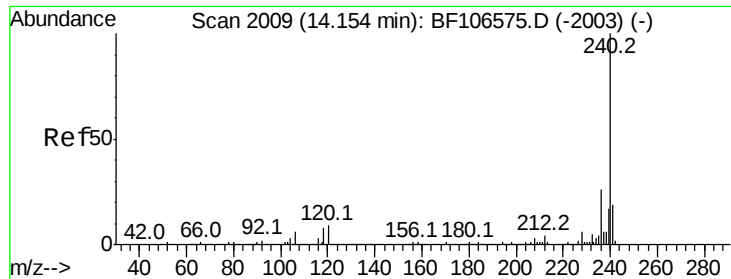


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

Instrument :

BNA_F

ClientSampleId :

HD-02-071018

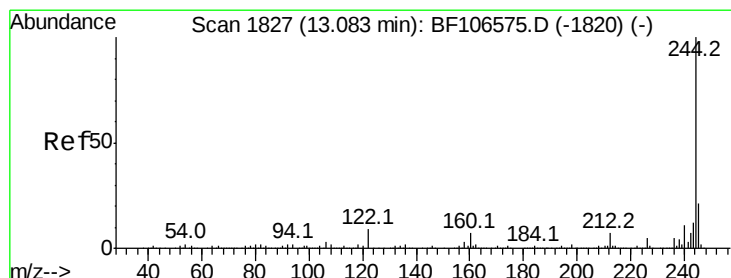
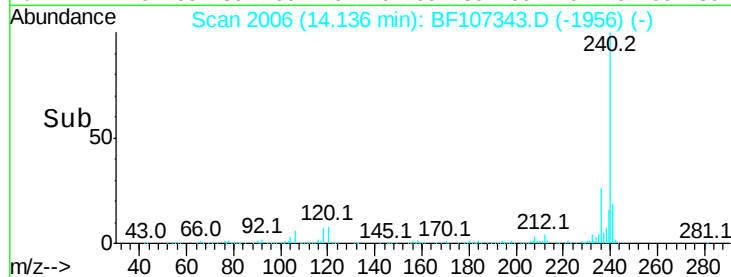
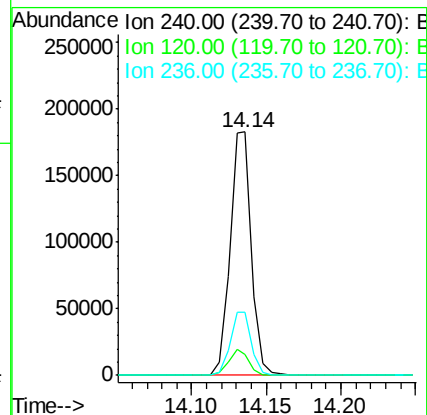
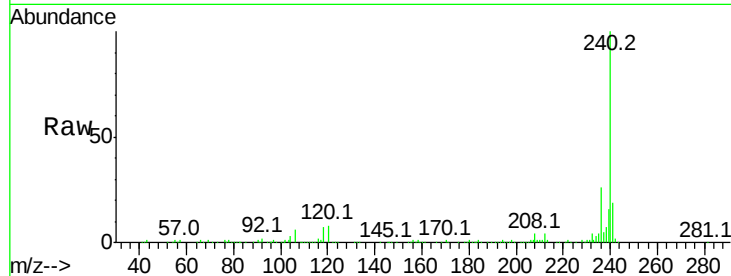
Tot Ion:240 Resp: 184695

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

236 25.7 20.7 31.1



#78

Terphenyl-d14

Concen: 16.338 ng

RT: 13.05 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF107343.D

Acq: 12 Jul 2018 17:08

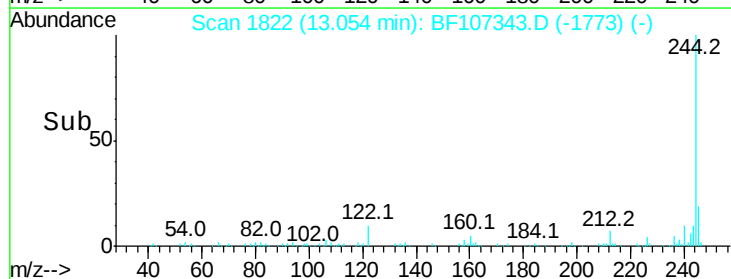
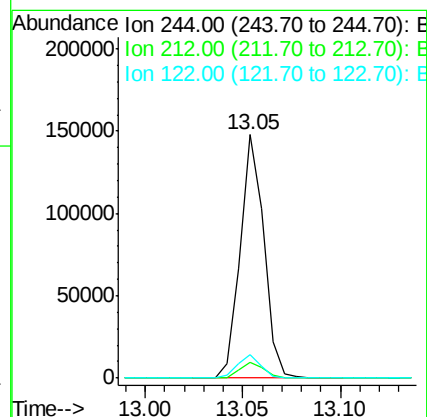
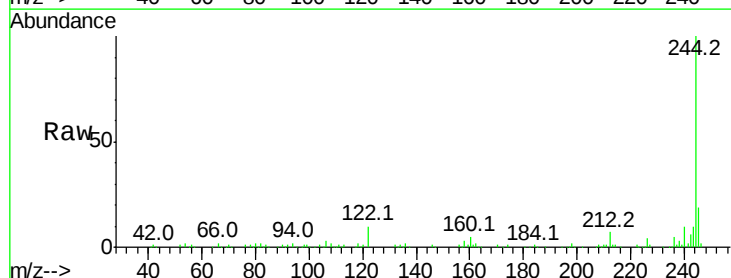
Tgt Ion:244 Resp: 124576

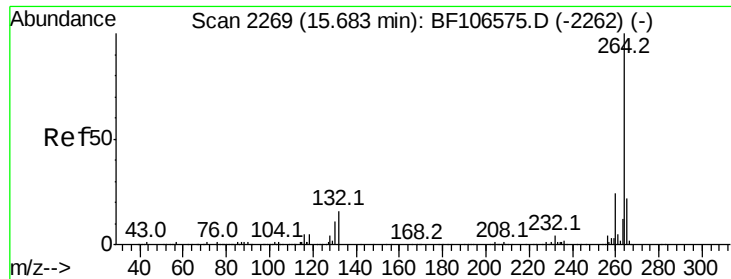
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.5 11.0 16.4#

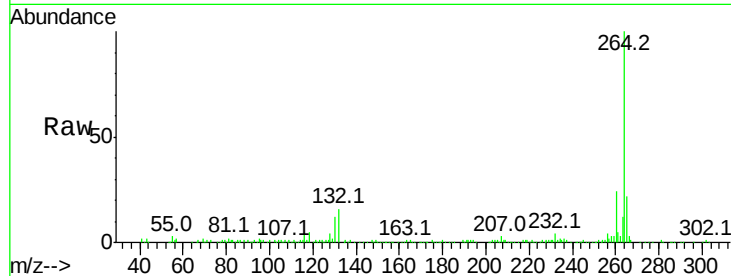




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107343.D
Acq: 12 Jul 2018 17:08

Instrument :
BNA_F
ClientSampleId :
HD-02-071018

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	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

