

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106972.D
 Acq On : 29 Jun 2018 14:52
 Operator : JU/SJ
 Sample : J3677-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B3(7-9)

Quant Time: Jun 29 16:21:36 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 11:40:02 2018
 Response via : Initial Calibration

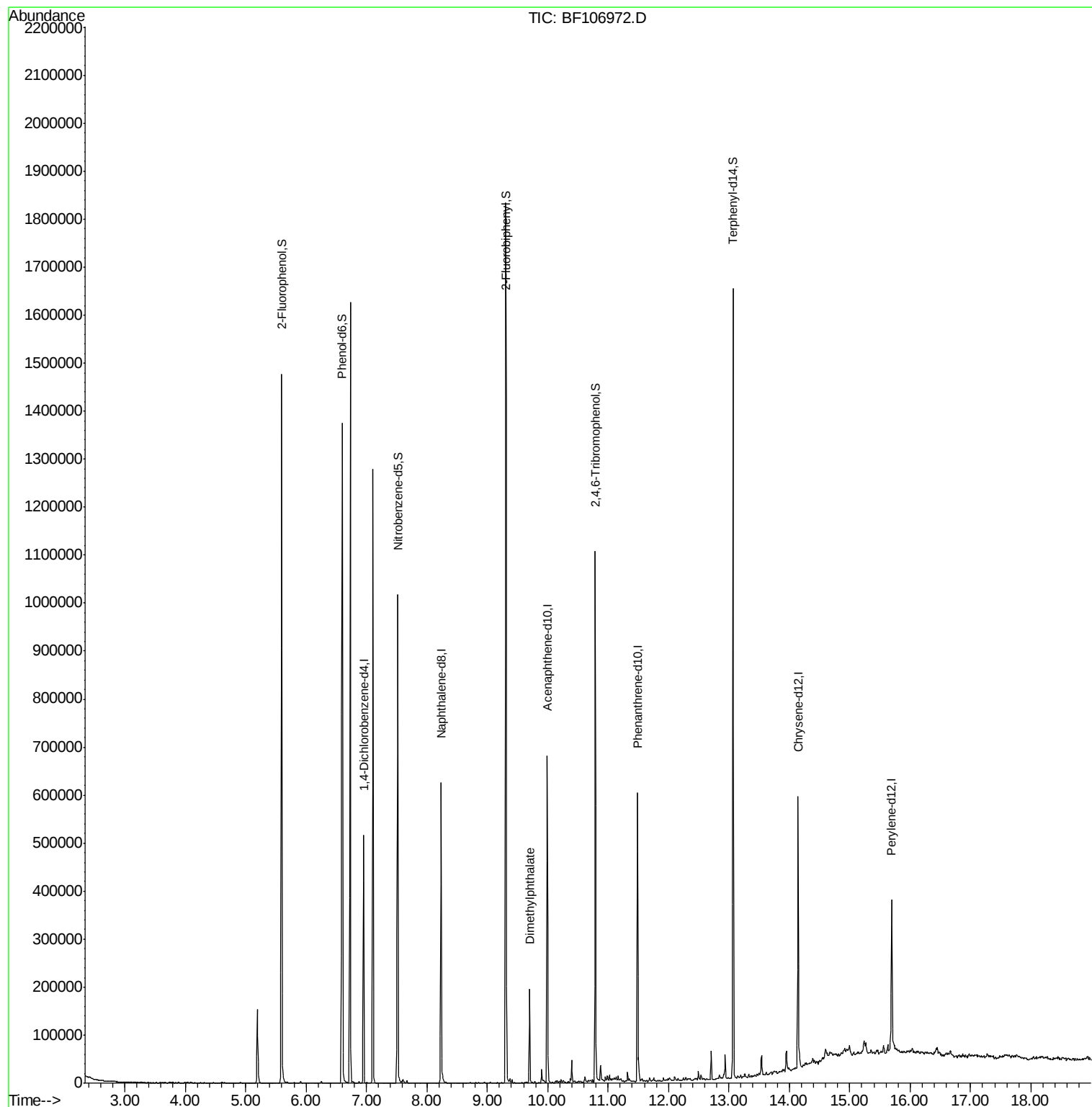
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75547	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	281483	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	134375	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	228982	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	211397	20.00	ng	-0.02
86) Perylene-d12	15.69	264	163360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	420578	94.27	ng	0.00
7) Phenol-d6	6.60	99	531837	95.46	ng	-0.01
23) Nitrobenzene-d5	7.52	82	326302	64.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	154039	98.91	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	604105	74.22	ng	-0.02
78) Terphenyl-d14	13.07	244	570611	65.38	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	76672	7.608	ng	# 98

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

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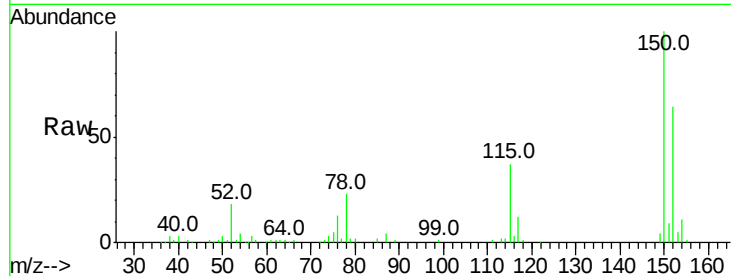


#1

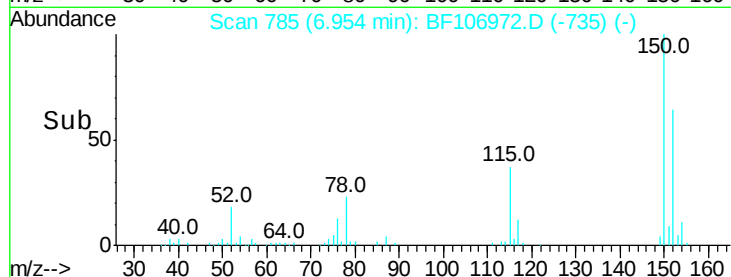
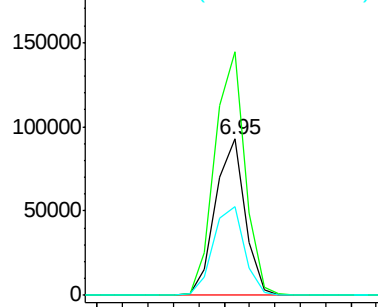
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106972.D
 Acq: 29 Jun 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B3(7-9)

Tot Ion:152 Resp: 75547
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 57.2 50.1 75.1



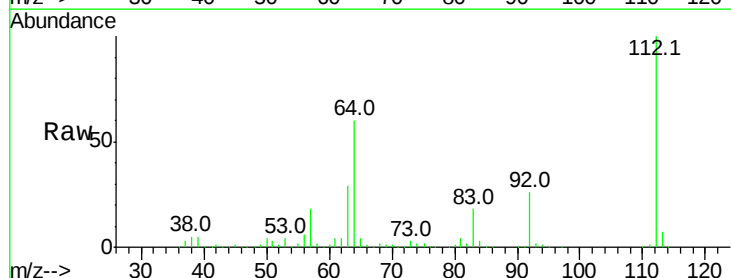
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



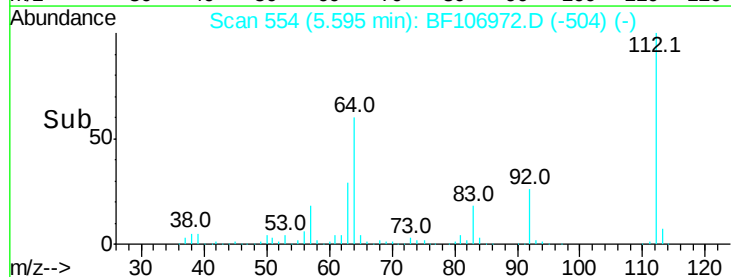
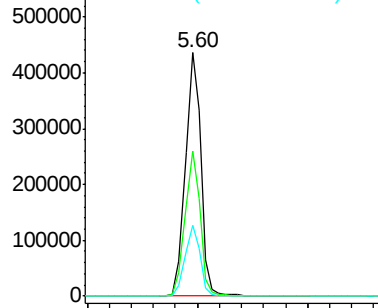
#5

2-Fluorophenol
 Concen: 94.269 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106972.D
 Acq: 29 Jun 2018 14:52

Tgt Ion:112 Resp: 420578
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 28.9 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: 95.456 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

Instrument :

BNA_F

ClientSampleId :

147-149-B3(7-9)

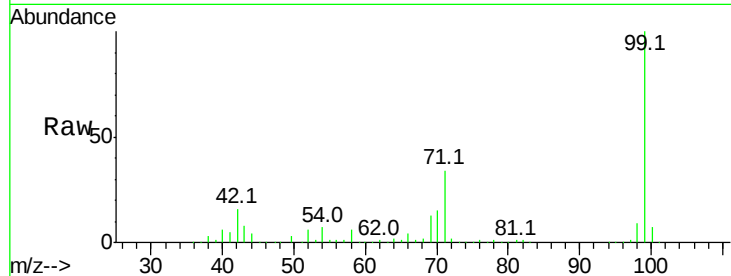
Tot Ion: 99 Resp: 531837

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

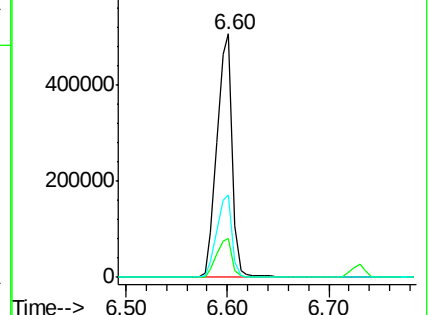
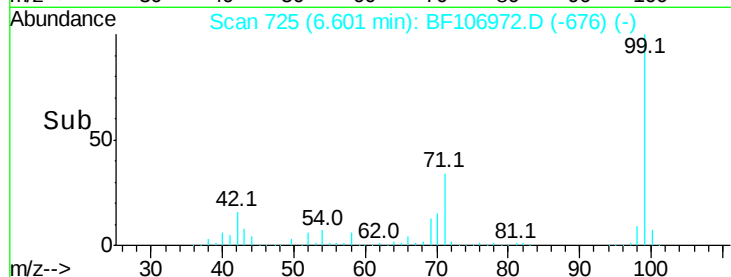
71 34.0 25.4 38.0



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# 1003

Delta R.T. -0.01 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

Tgt Ion: 136 Resp: 281483

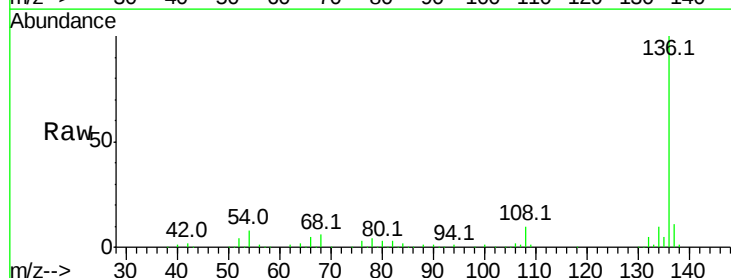
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

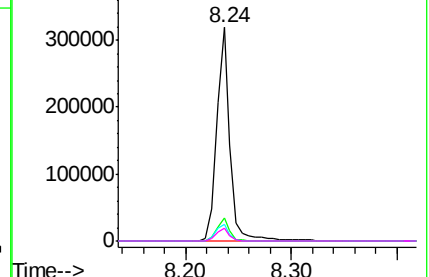
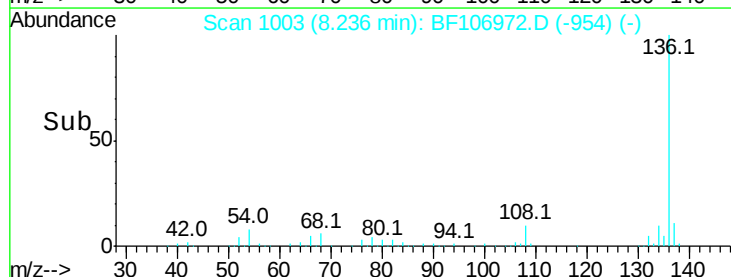


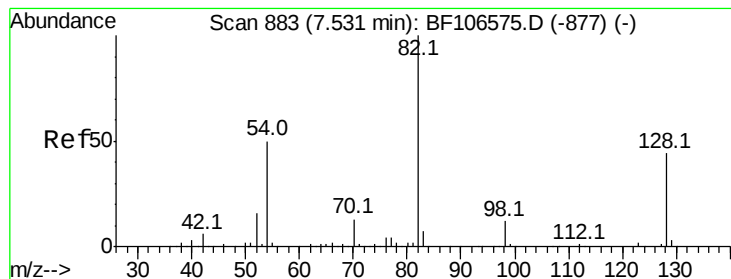
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.422 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

Instrument :

BNA_F

ClientSampleId :

147-149-B3(7-9)

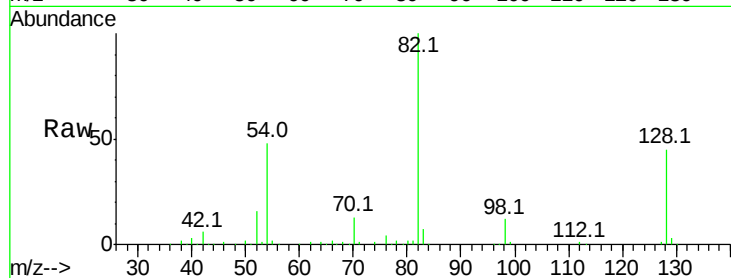
Tot Ion: 82 Resp: 326302

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

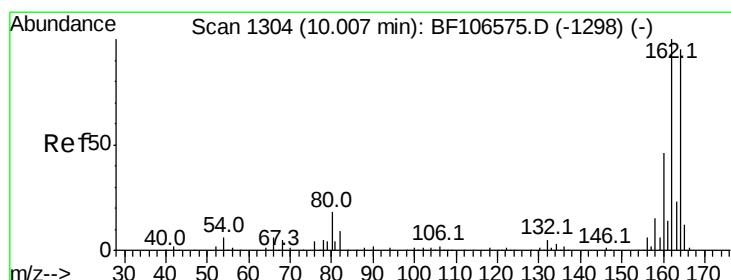
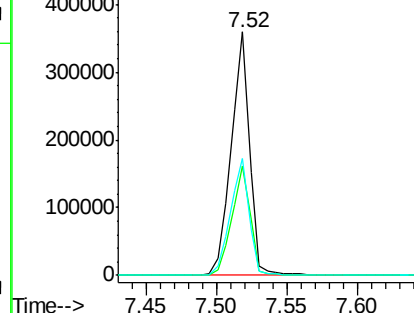
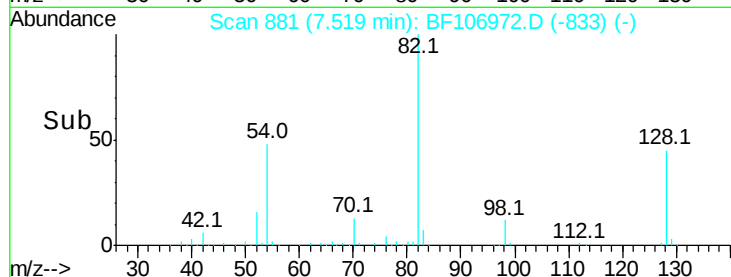
54 48.3 41.4 62.2



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# 1302

Delta R.T. -0.01 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

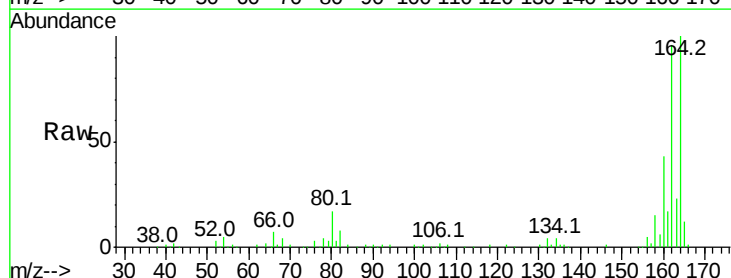
Tgt Ion: 164 Resp: 134375

Ion Ratio Lower Upper

164 100

162 96.4 86.1 129.1

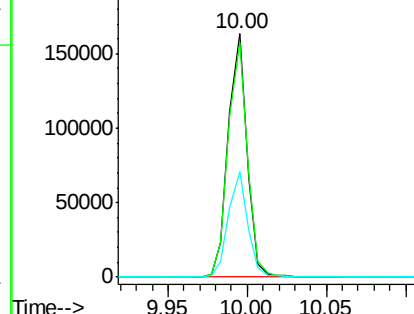
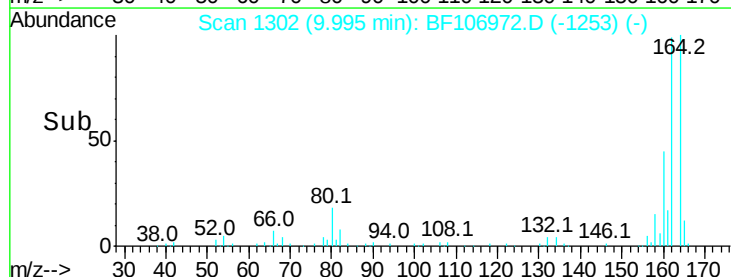
160 43.5 38.3 57.5



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

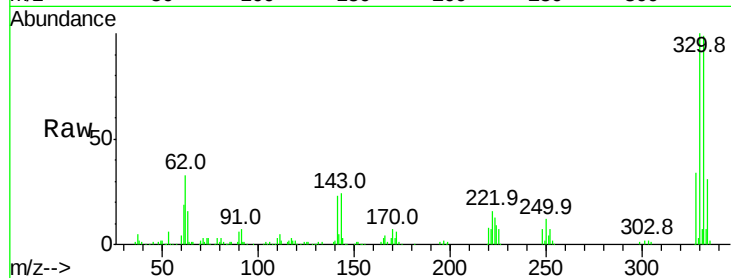




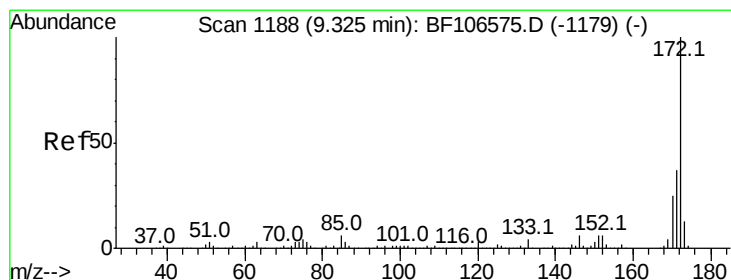
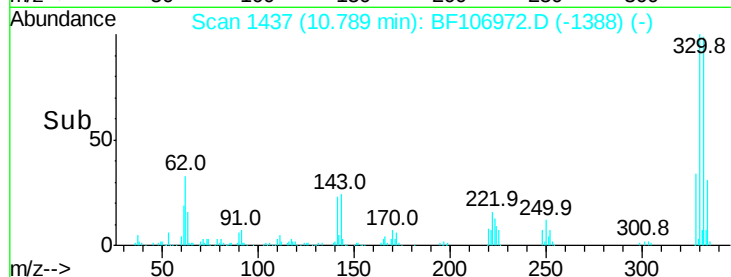
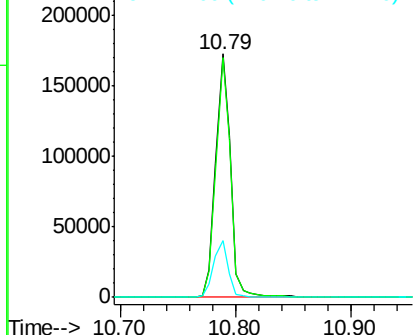
#41
 2,4,6-Tribromophenol
 Concen: 98.905 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106972.D
 Acq: 29 Jun 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B3(7-9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	23.5	29.9	44.9#

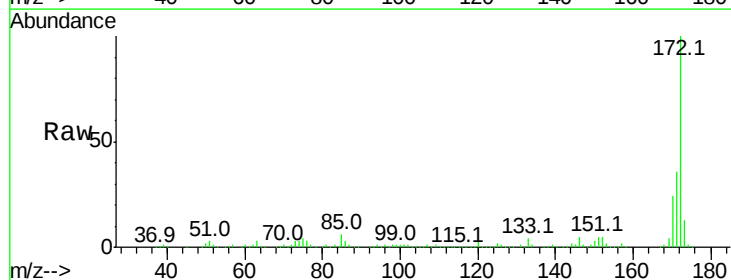


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

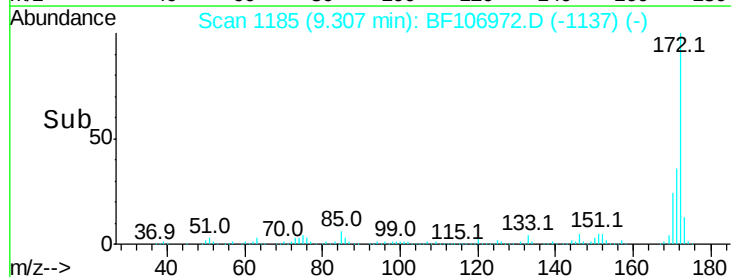
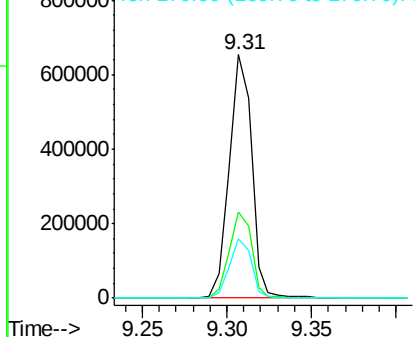


#44
 2-Fluorobiphenyl
 Concen: 74.225 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106972.D
 Acq: 29 Jun 2018 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.3	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: 7.608 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

Instrument :

BNA_F

ClientSampleId :

147-149-B3(7-9)

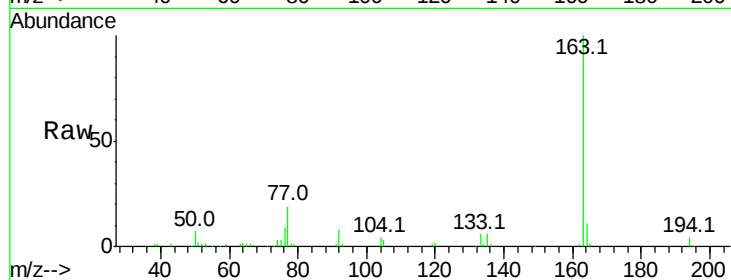
Tot Ion:163 Resp: 76672

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

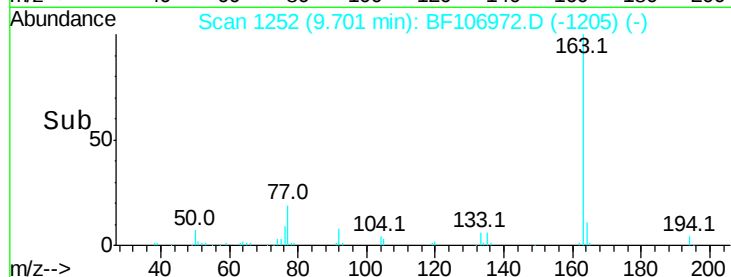
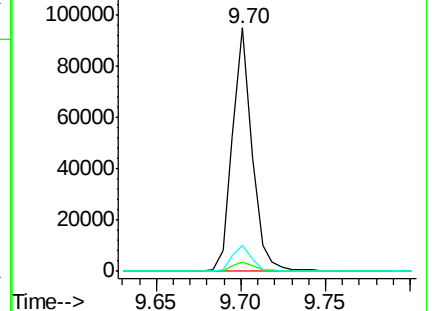
164 10.9 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

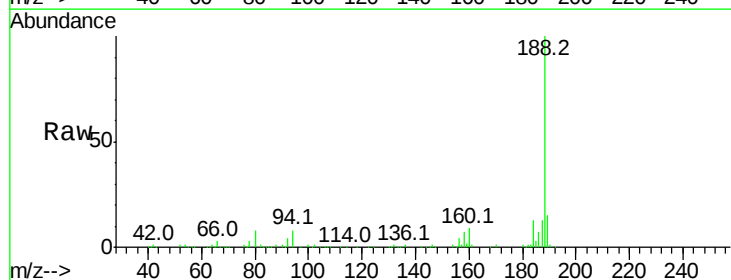
Tgt Ion:188 Resp: 228982

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

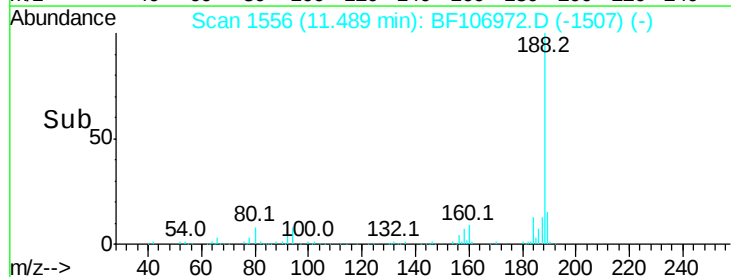
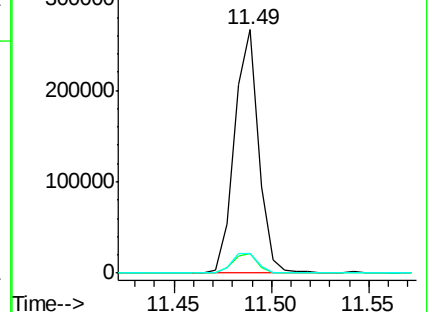
80 8.2 9.2 13.8#

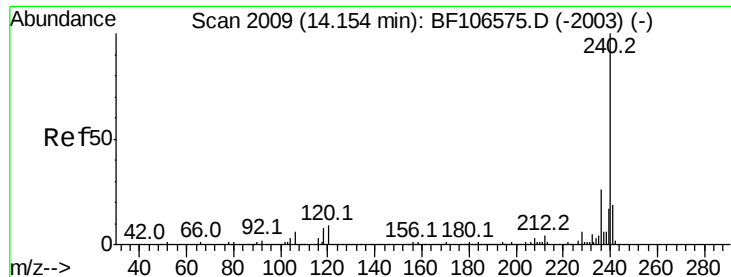


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

Instrument :

BNA_F

ClientSampleId :

147-149-B3(7-9)

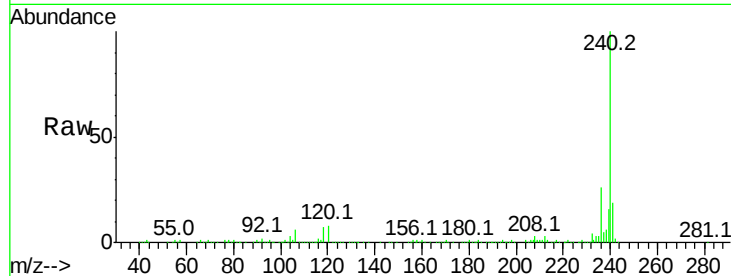
Tot Ion:240 Resp: 211397

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

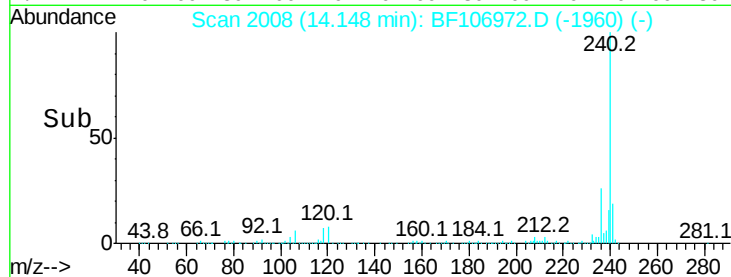
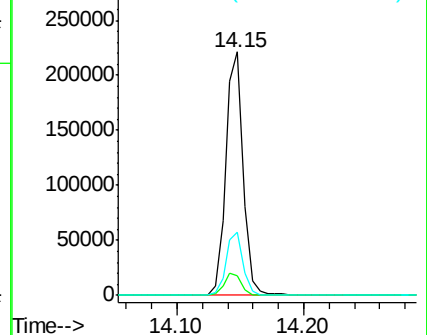
236 25.7 20.7 31.1



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: 65.384 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106972.D

Acq: 29 Jun 2018 14:52

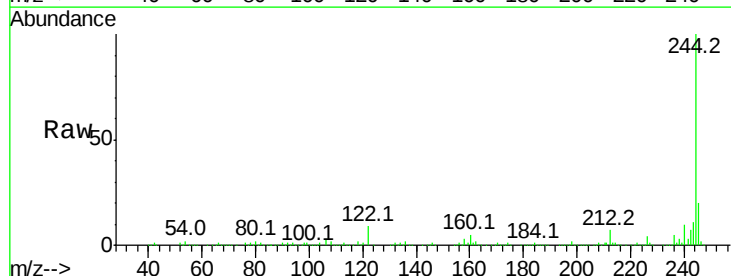
Tgt Ion:244 Resp: 570611

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

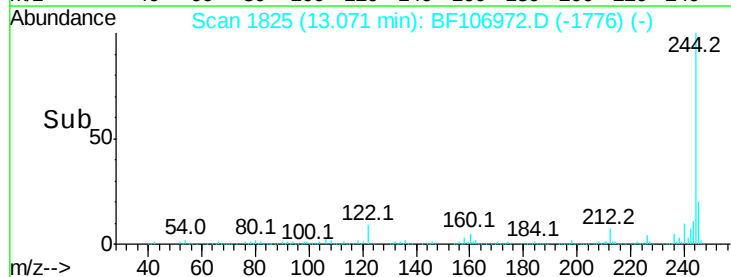
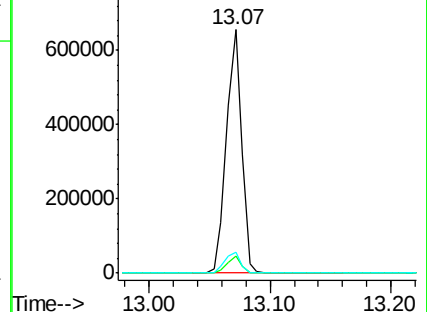
122 8.6 11.0 16.4#

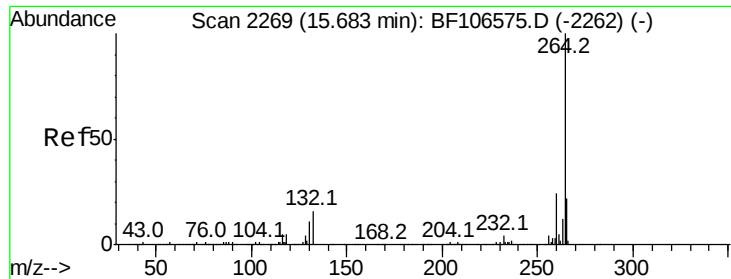


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106972.D
 Acq: 29 Jun 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B3(7-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

