

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106976.D
 Acq On : 29 Jun 2018 16:39
 Operator : JU/SJ
 Sample : J3677-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B2(6-8)

Quant Time: Jun 29 18:49:59 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

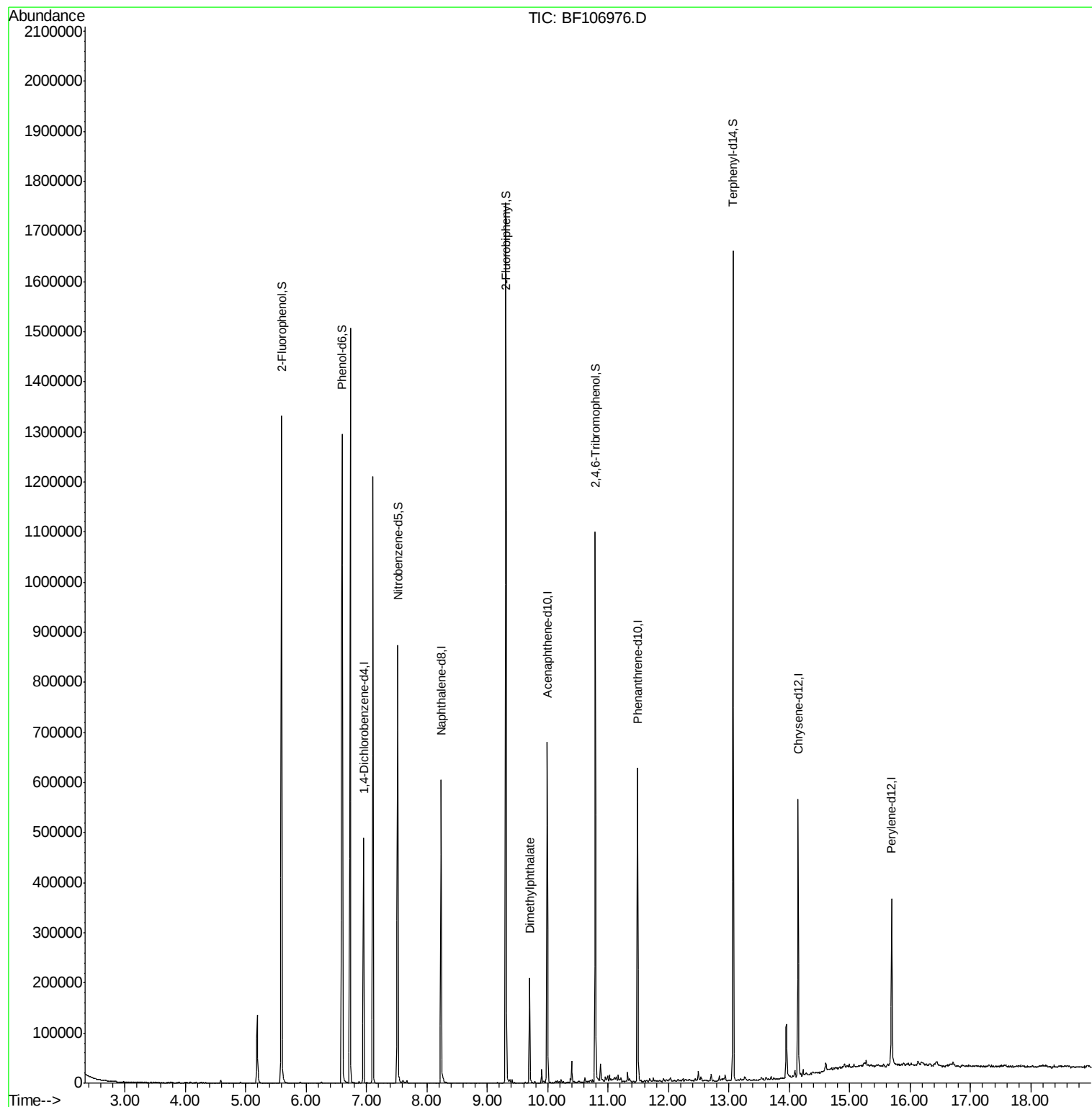
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74608	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	284602	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	139244	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	249704	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	213462	20.00	ng	-0.02
86) Perylene-d12	15.69	264	166016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	382189	86.74	ng	0.00
7) Phenol-d6	6.60	99	490276	89.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	290997	56.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	155269	96.21	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	556956	64.07	ng	-0.02
78) Terphenyl-d14	13.07	244	581882	66.03	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	87138	8.344	ng	98

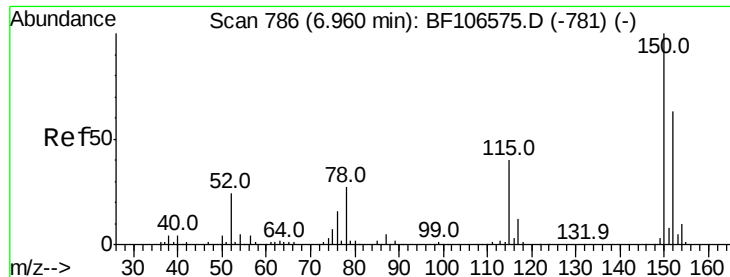
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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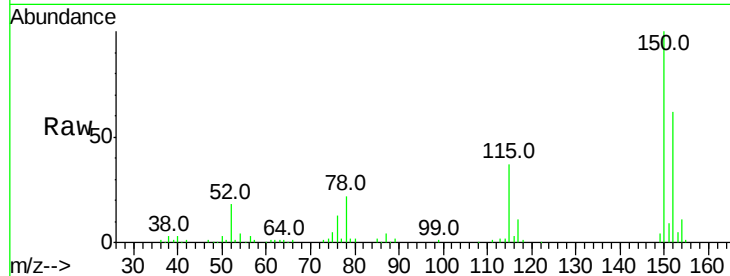


#1

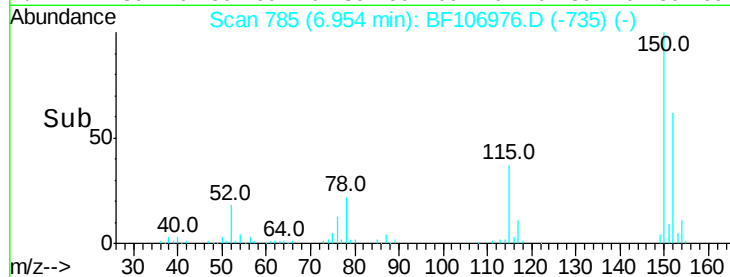
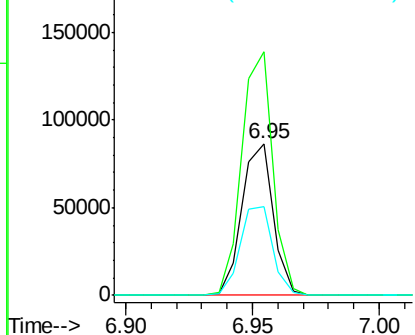
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106976.D
 Acq: 29 Jun 2018 16:39

Instrument :
 BNA_F
 ClientSampleId :
 147-149-B2(6-8)

Tot Ion:152 Resp: 74608
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 58.8 50.1 75.1



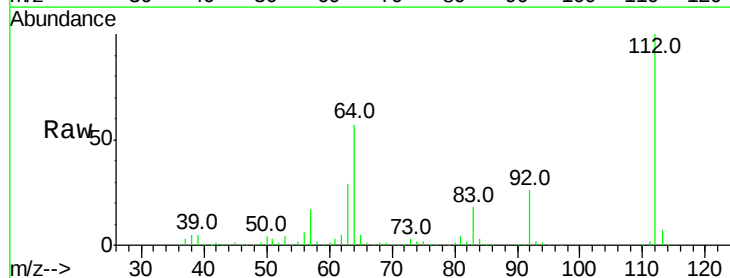
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



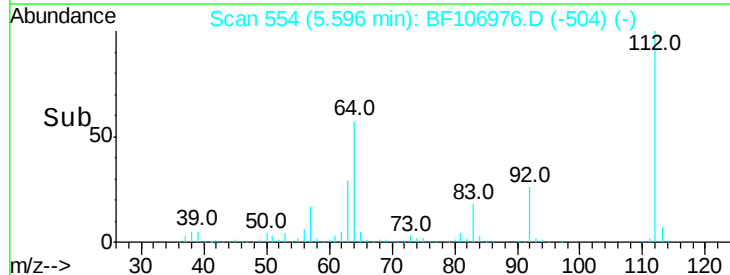
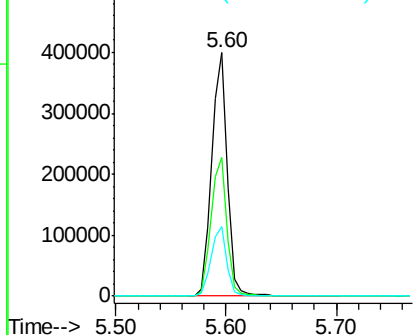
#5

2-Fluorophenol
 Concen: 86.742 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106976.D
 Acq: 29 Jun 2018 16:39

Tgt Ion:112 Resp: 382189
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.7 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: 89.104 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106976.D

Acq: 29 Jun 2018 16:39

Instrument :

BNA_F

ClientSampleId :

147-149-B2(6-8)

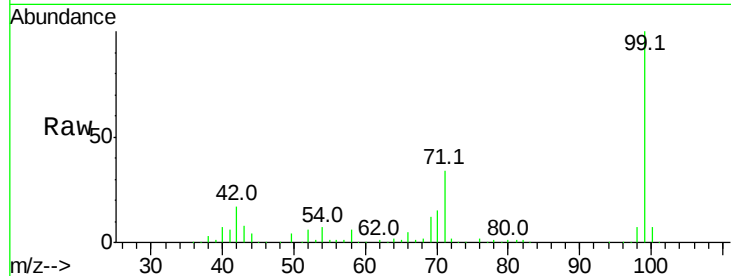
Tot Ion: 99 Resp: 490276

Ion Ratio Lower Upper

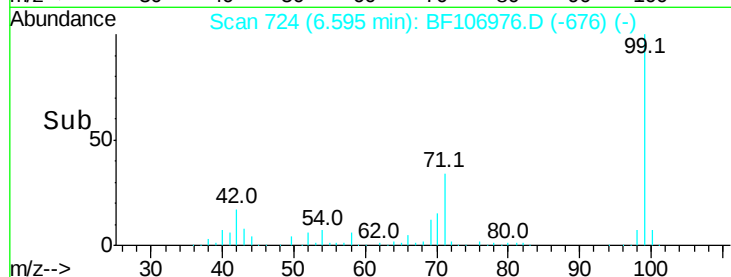
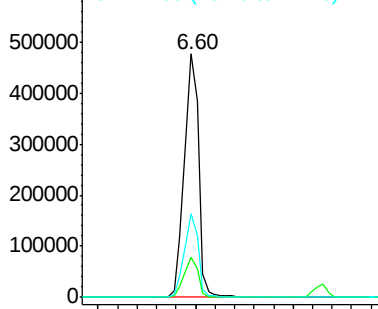
99 100

42 16.7 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: BF106976.D

Acq: 29 Jun 2018 16:39

Tgt Ion: 136 Resp: 284602

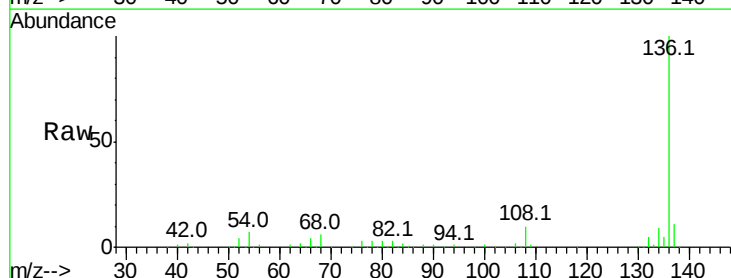
Ion Ratio Lower Upper

136 100

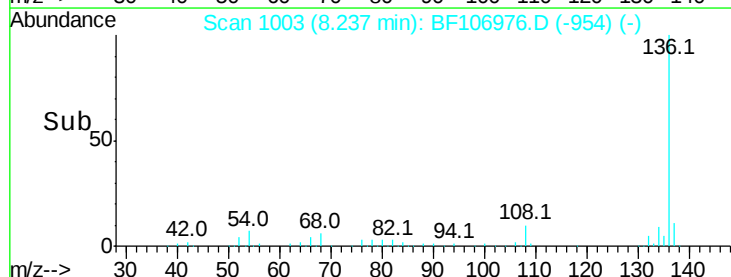
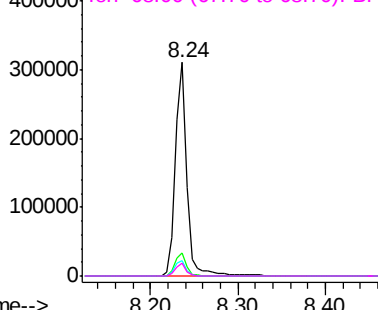
137 10.7 8.9 13.3

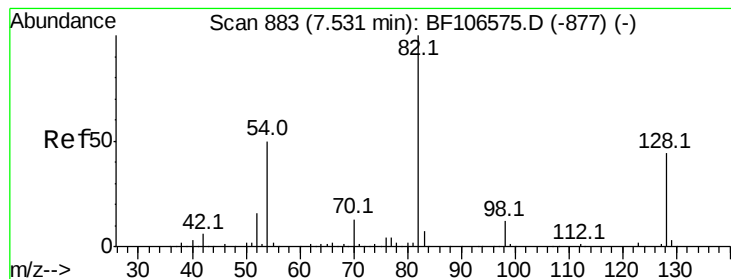
54 7.5 6.6 9.8

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: 56.822 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106976.D

Acq: 29 Jun 2018 16:39

Instrument :

BNA_F

ClientSampleId :

147-149-B2(6-8)

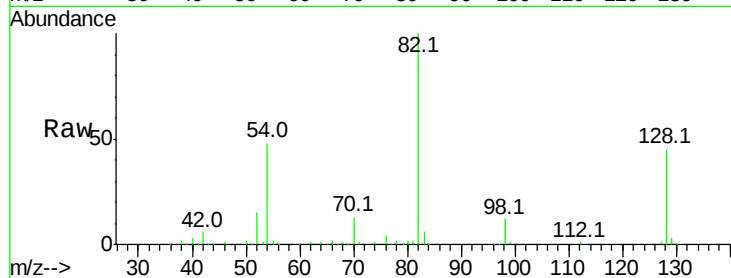
Tot Ion: 82 Resp: 290997

Ion Ratio Lower Upper

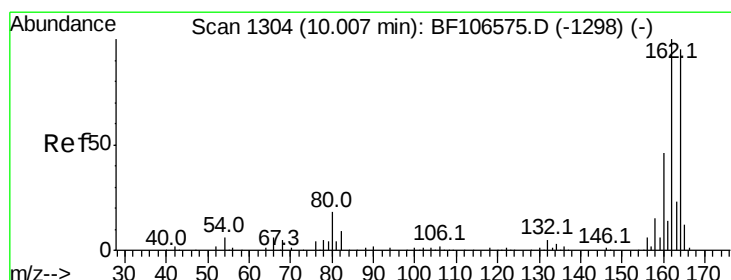
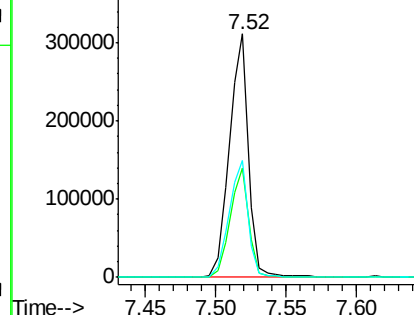
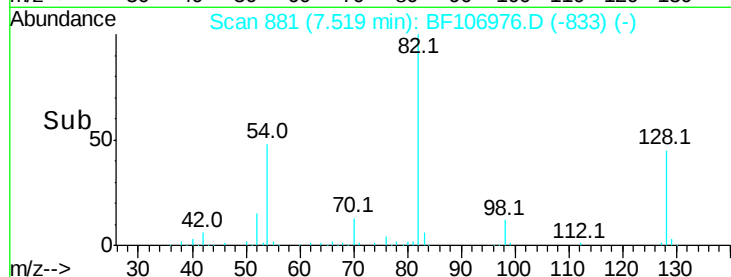
82 100

128 44.9 36.1 54.1

54 47.9 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: BF106976.D

Acq: 29 Jun 2018 16:39

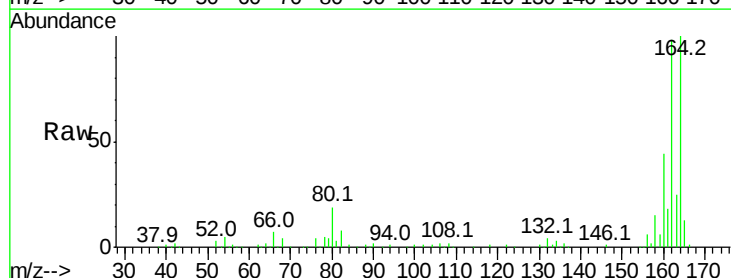
Tgt Ion: 164 Resp: 139244

Ion Ratio Lower Upper

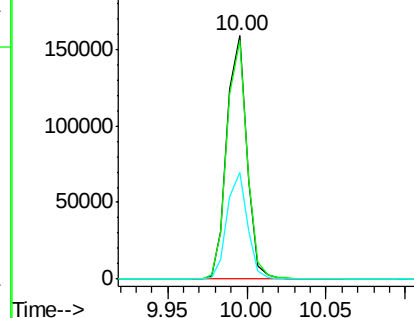
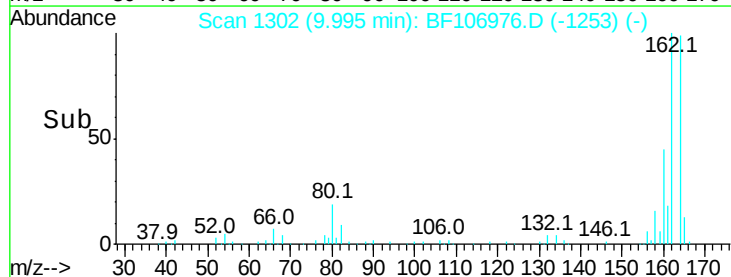
164 100

162 97.8 86.1 129.1

160 43.8 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

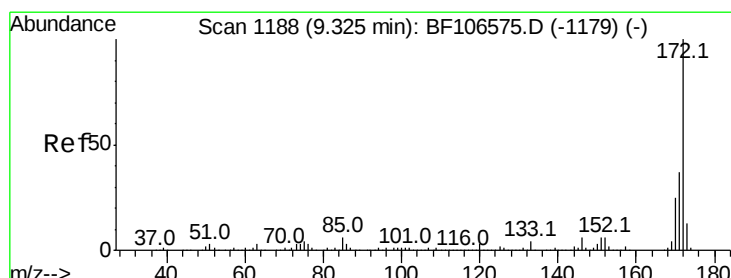
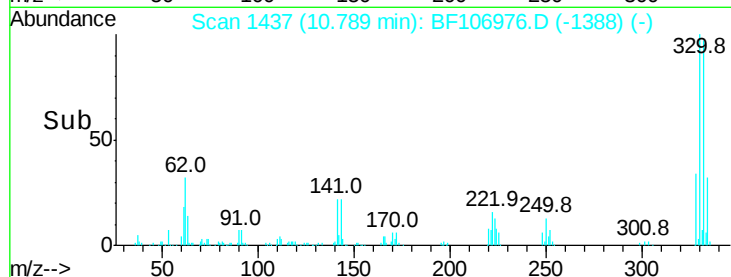
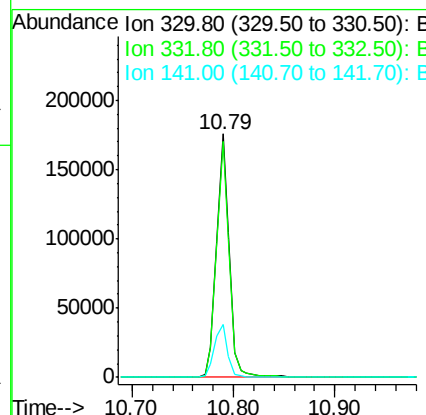
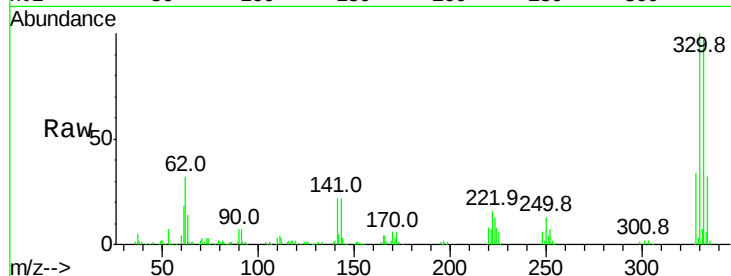




#41
 2,4,6-Tribromophenol
 Concen: 96.209 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106976.D
 Acq: 29 Jun 2018 16:39

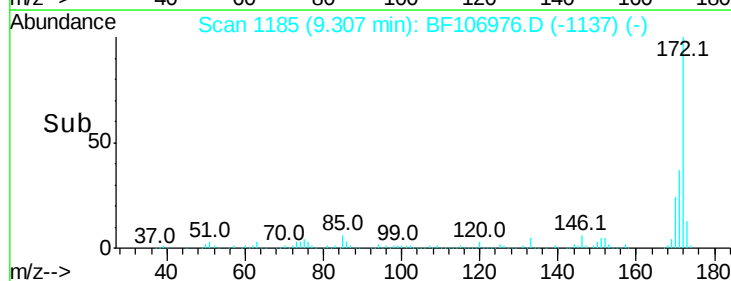
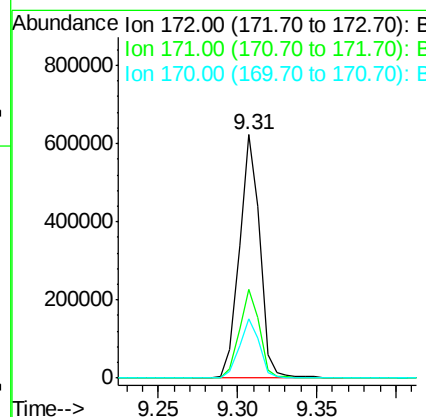
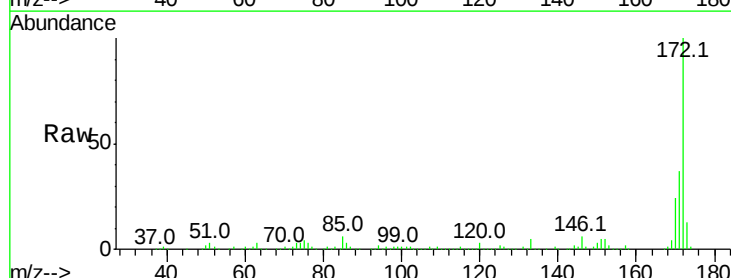
Instrument :
 BNA_F
 ClientSampleId :
 147-149-B2(6-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	22.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 64.070 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106976.D
 Acq: 29 Jun 2018 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 8.344 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106976.D

Acq: 29 Jun 2018 16:39

Instrument :

BNA_F

ClientSampleId :

147-149-B2(6-8)

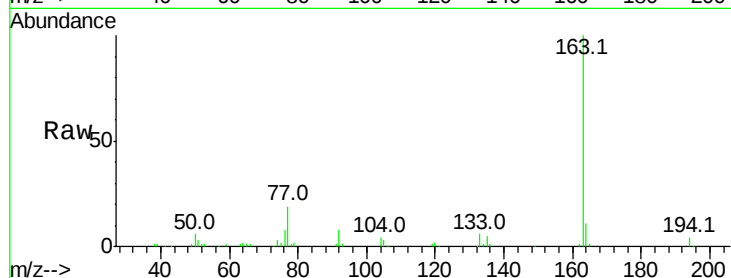
Tot Ion:163 Resp: 87138

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

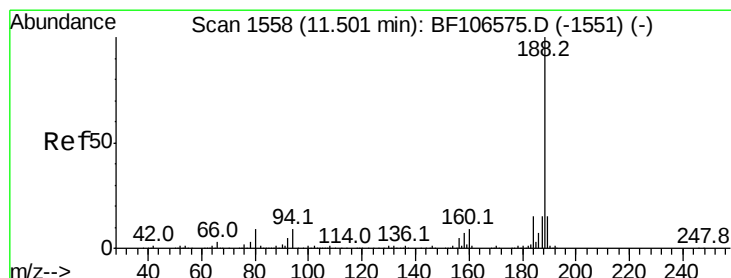
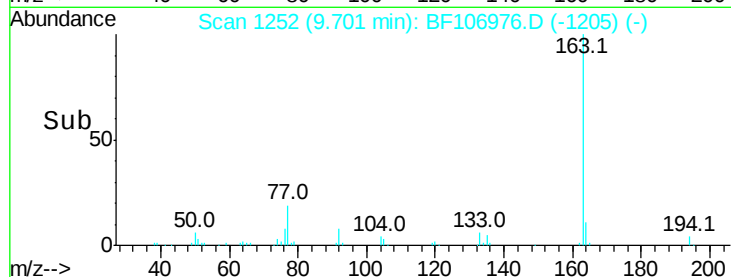
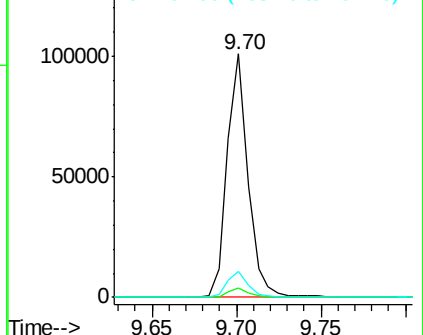
164 10.9 8.2 12.2



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: BF106976.D

Acq: 29 Jun 2018 16:39

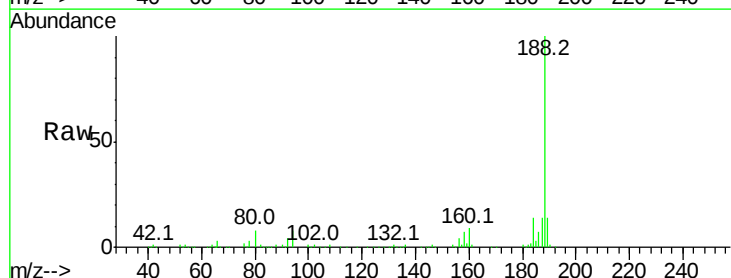
Tgt Ion:188 Resp: 249704

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

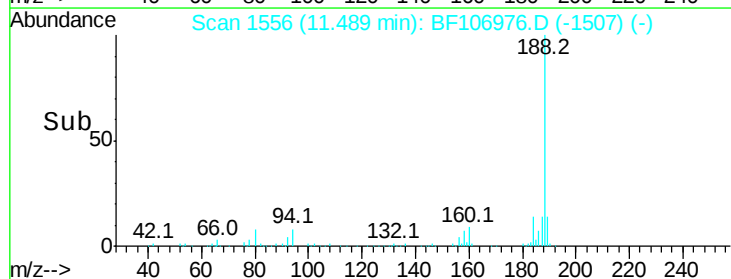
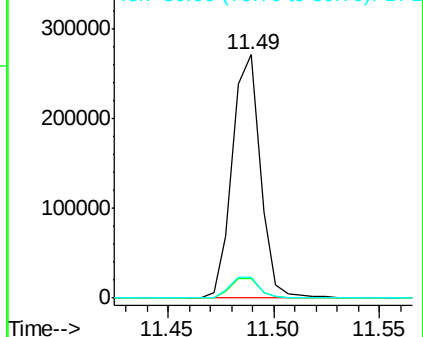
80 8.4 9.2 13.8#

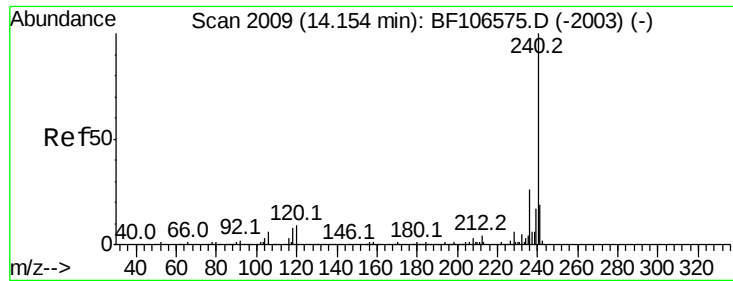


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106976.D

Acq: 29 Jun 2018 16:39

Instrument :

BNA_F

ClientSampleId :

147-149-B2(6-8)

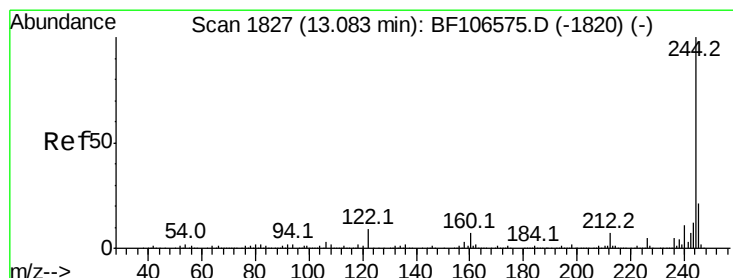
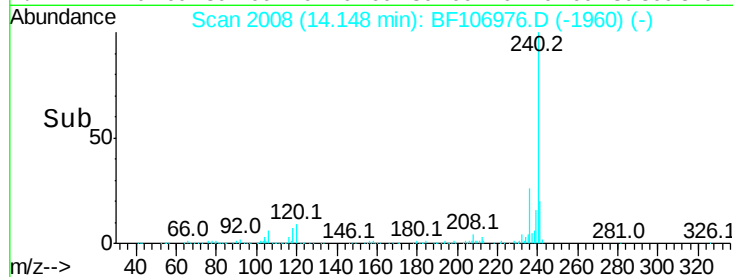
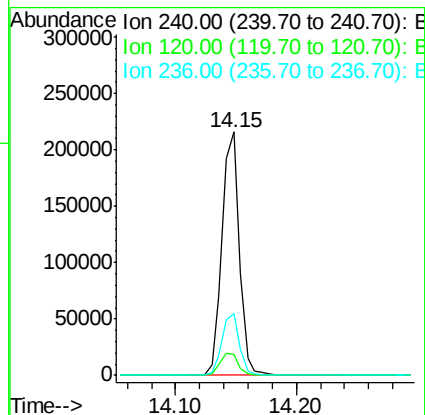
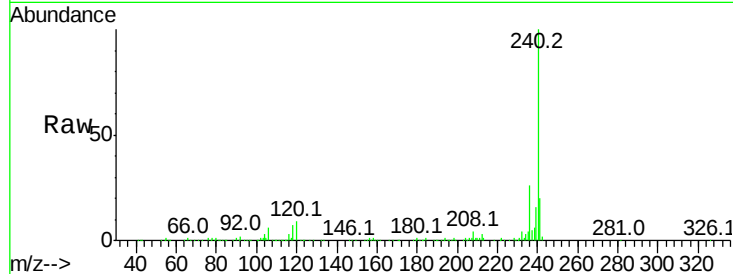
Tot Ion:240 Resp: 213462

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

236 25.5 20.7 31.1



#78

Terphenyl-d14

Concen: 66.030 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106976.D

Acq: 29 Jun 2018 16:39

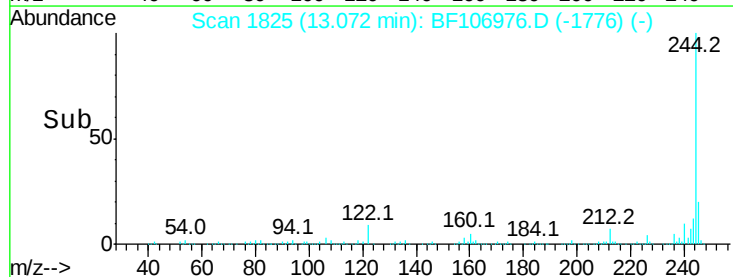
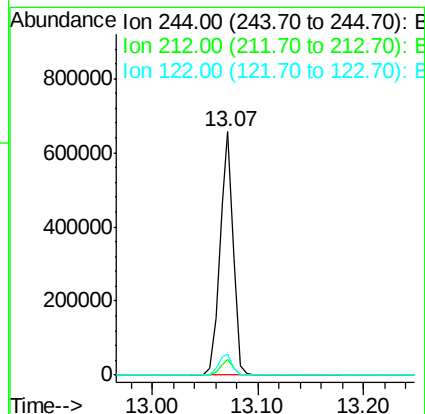
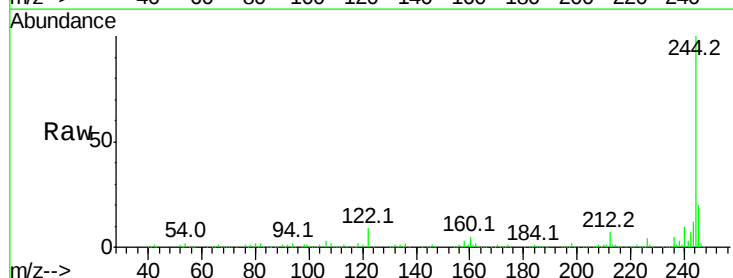
Tgt Ion:244 Resp: 581882

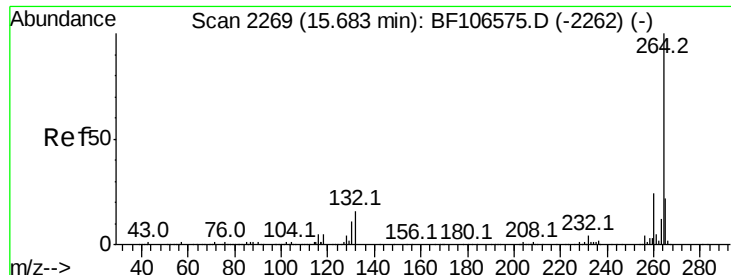
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 8.7 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF106976.D
Acq: 29 Jun 2018 16:39

Instrument :
BNA_F
ClientSampleId :
147-149-B2(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3

