

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106995.D
 Acq On : 30 Jun 2018 1:32
 Operator : JU/SJ
 Sample : J3718-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jun 30 04:37:20 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

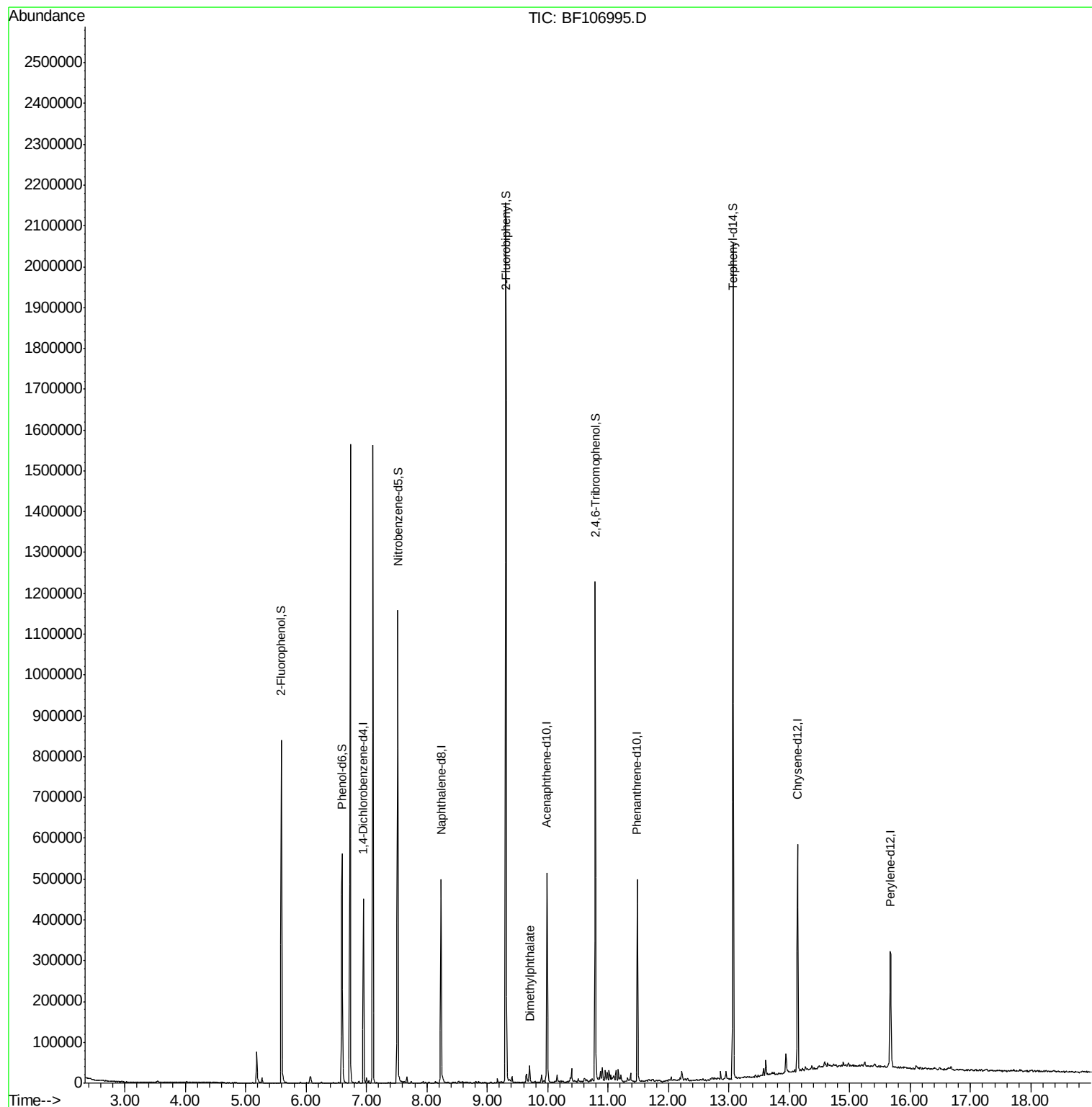
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68777	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	250523	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	115632	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	196305	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	197090	20.00	ng	-0.03
86) Perylene-d12	15.67	264	153469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	248378	61.15	ng	-0.01
7) Phenol-d6	6.60	99	196285	38.70	ng	-0.02
23) Nitrobenzene-d5	7.52	82	408146	90.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	177733	132.62	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	741065	113.41	ng	-0.02
78) Terphenyl-d14	13.07	244	761362	93.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	18329	2.113	ng	Qvalue 99

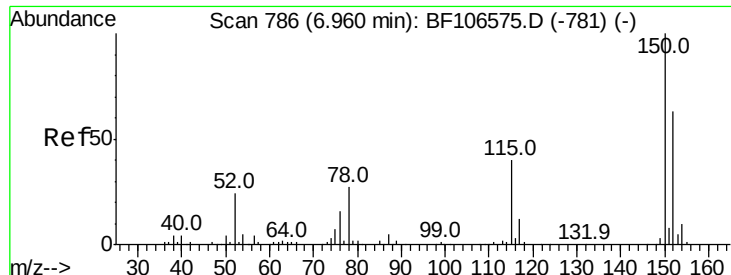
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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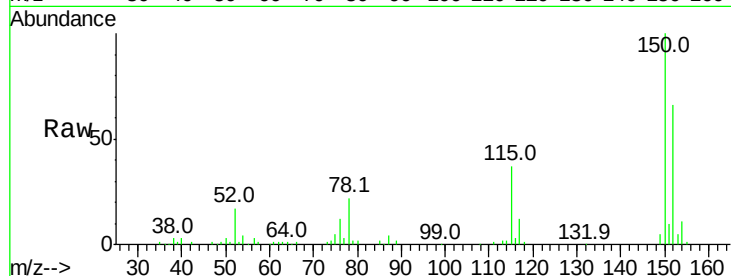


#1

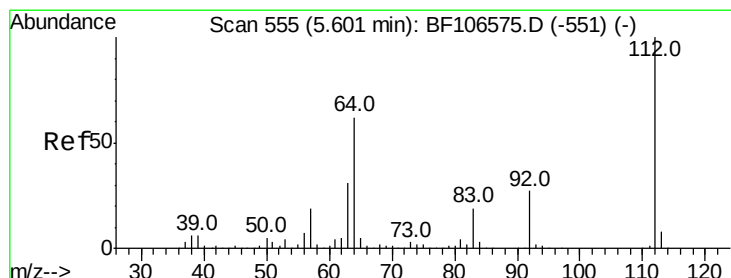
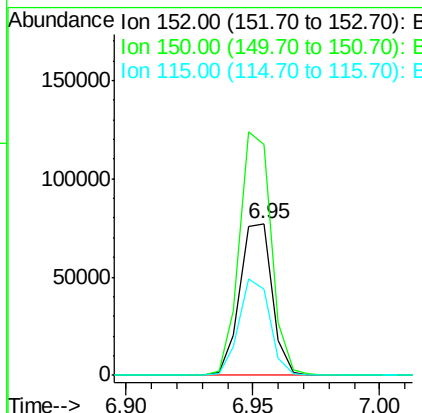
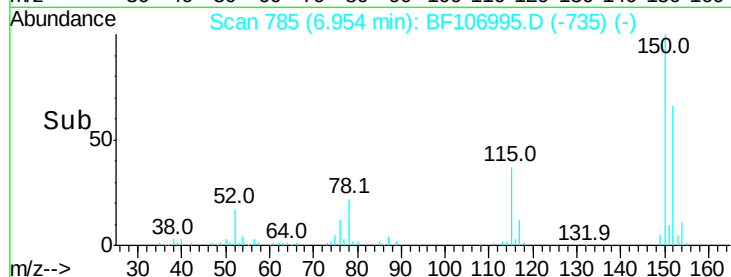
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Instrument :
BNA_F
ClientSampleId :
W-27

Tot Ion:152 Resp: 68777
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 57.0 50.1 75.1



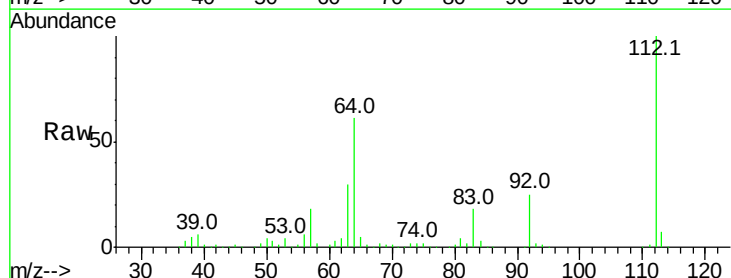
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



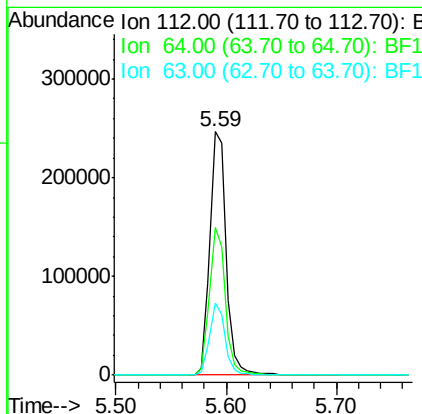
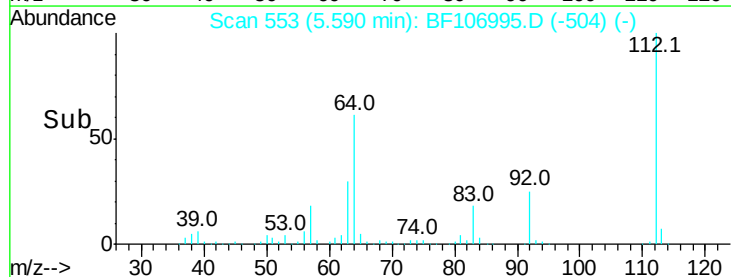
#5

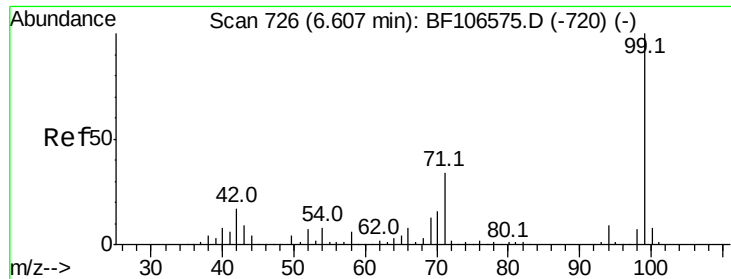
2-Fluorophenol
Concen: 61.152 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106995.D
Acq: 30 Jun 2018 1:32

Tgt Ion:112 Resp: 248378
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 29.9 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: 38.698 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampled :

W-27

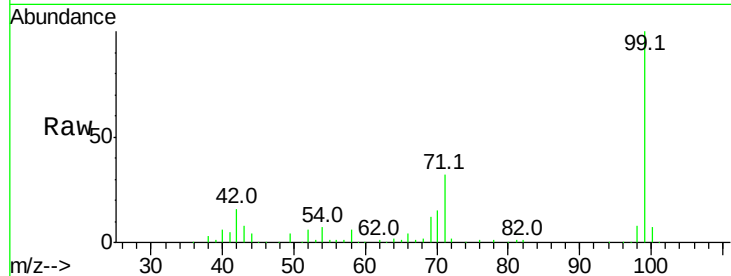
Tot Ion: 99 Resp: 196285

Ion Ratio Lower Upper

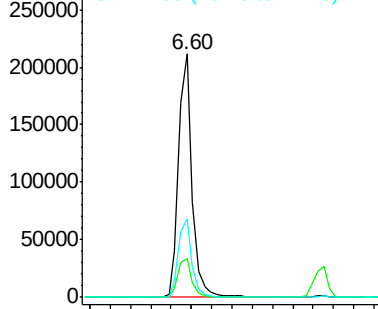
99 100

42 16.1 14.5 21.7

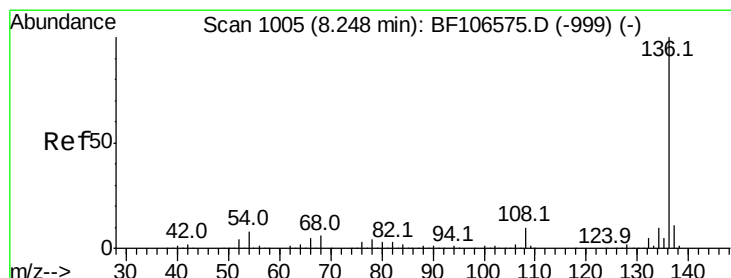
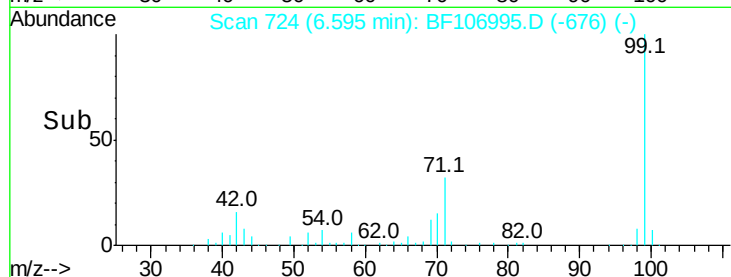
71 32.4 25.4 38.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Tgt Ion: 136 Resp: 250523

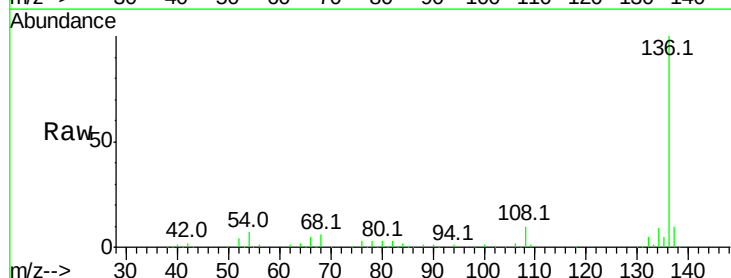
Ion Ratio Lower Upper

136 100

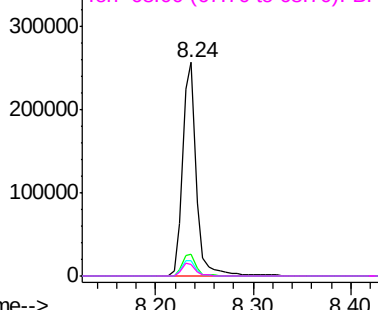
137 10.5 8.9 13.3

54 7.1 6.6 9.8

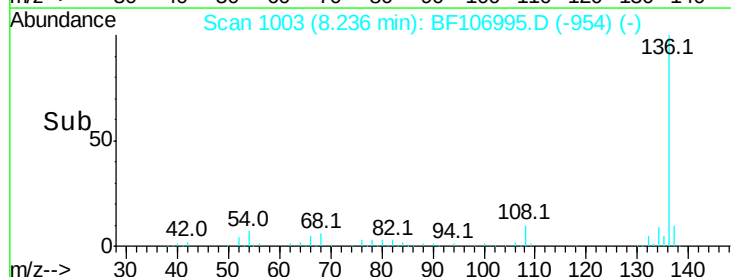
68 5.5 5.0 7.4

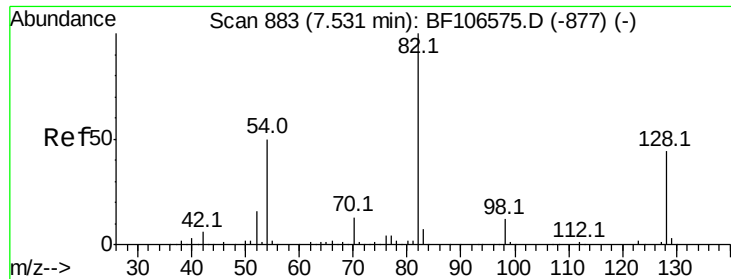


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

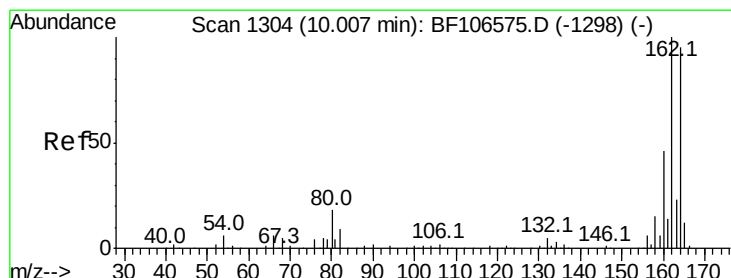
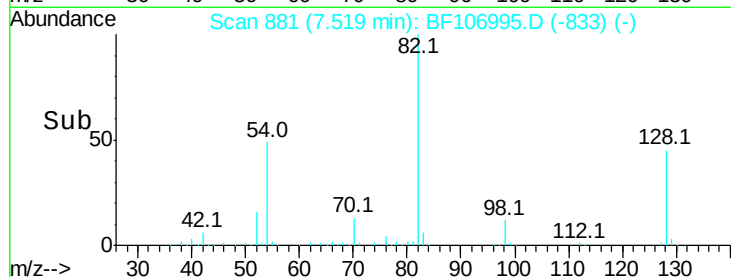
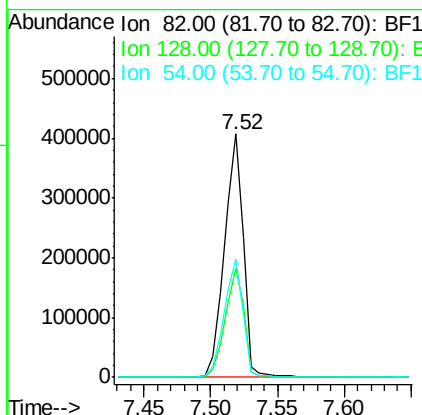
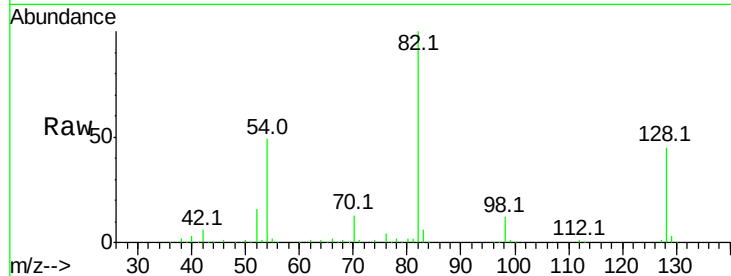




#23
 Nitrobenzene-d5
 Concen: 90.539 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

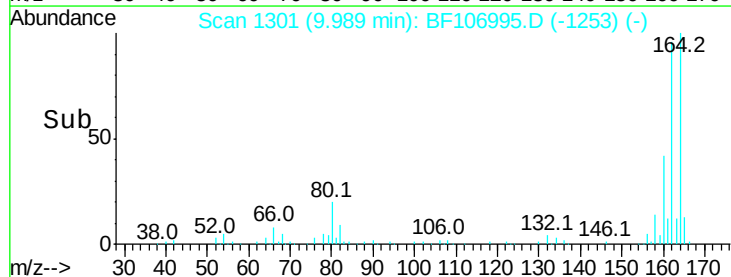
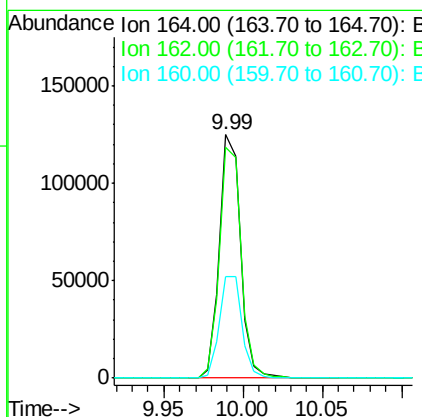
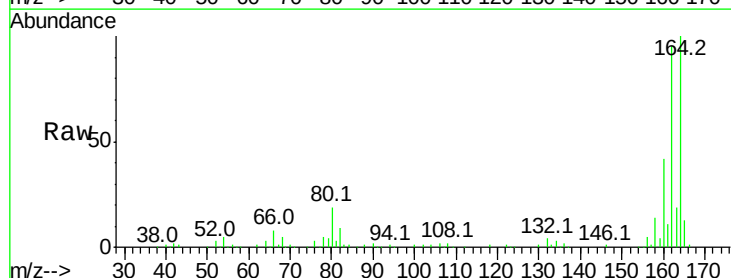
Instrument :
 BNA_F
 ClientSampleId :
 W-27

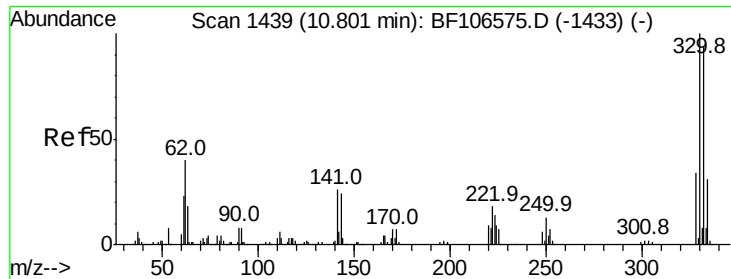
Tot Ion	82	Resp	408146
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	48.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Tgt Ion	164	Resp	115632
Ion Ratio	Lower	Upper	
164	100		
162	94.9	86.1	129.1
160	41.5	38.3	57.5

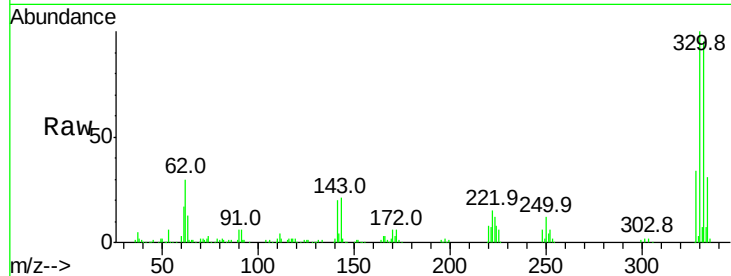




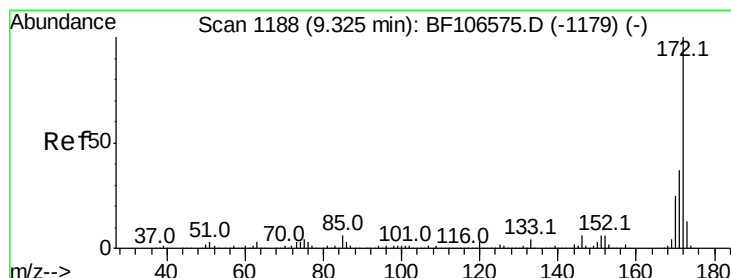
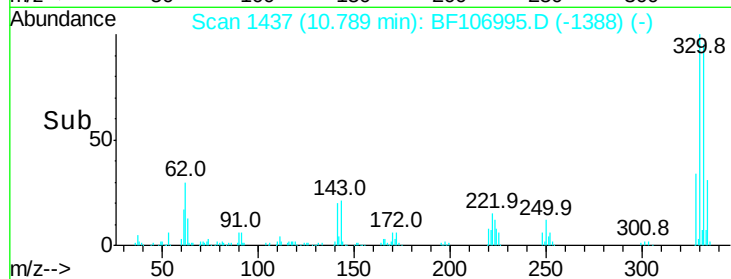
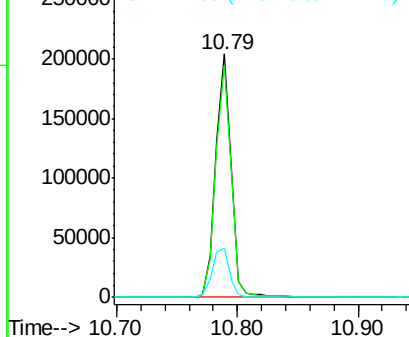
#41
 2,4,6-Tribromophenol
 Concen: 132.616 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Instrument :
 BNA_F
 ClientSampled :
 W-27

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	22.8	29.9	44.9#

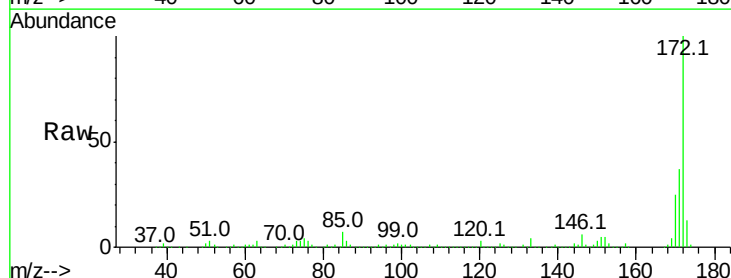


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

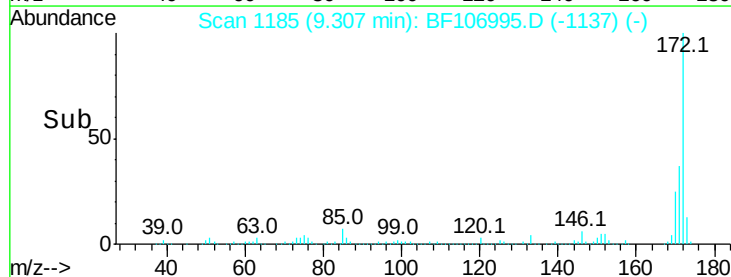
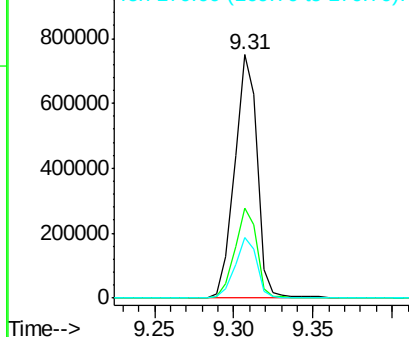


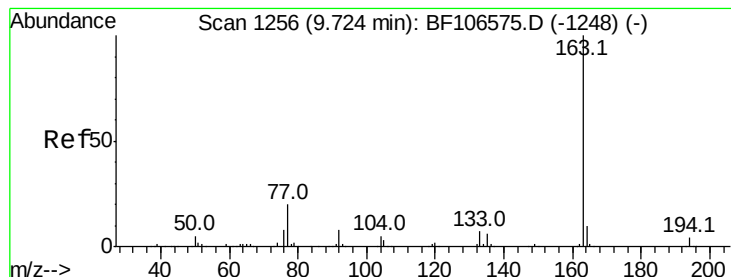
#44
 2-Fluorobiphenyl
 Concen: 113.407 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	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: 2.113 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampled :

W-27

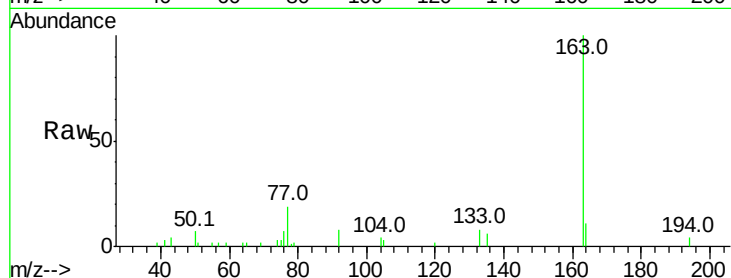
Tot Ion:163 Resp: 18329

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

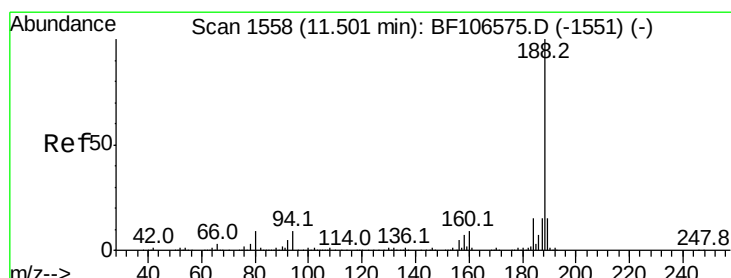
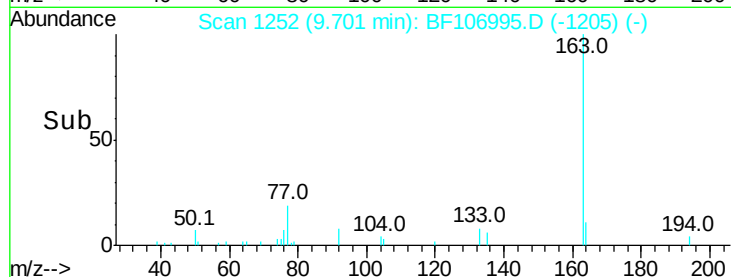
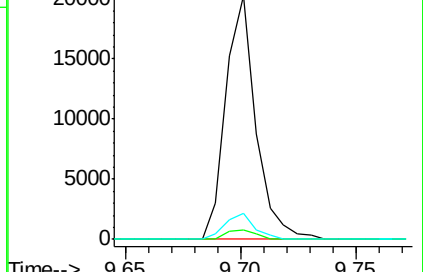
164 10.8 8.2 12.2



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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

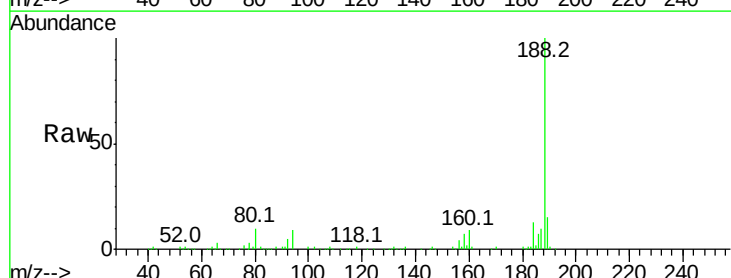
Tgt Ion:188 Resp: 196305

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

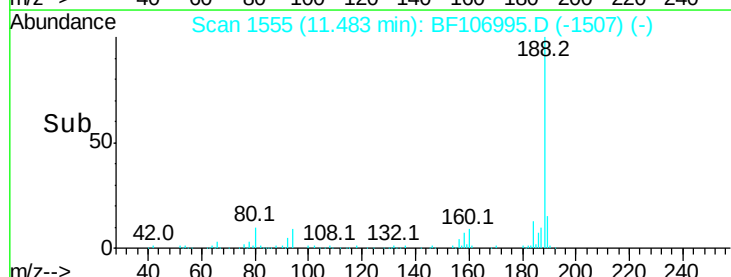
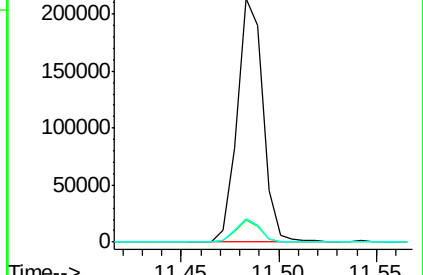
80 9.7 9.2 13.8

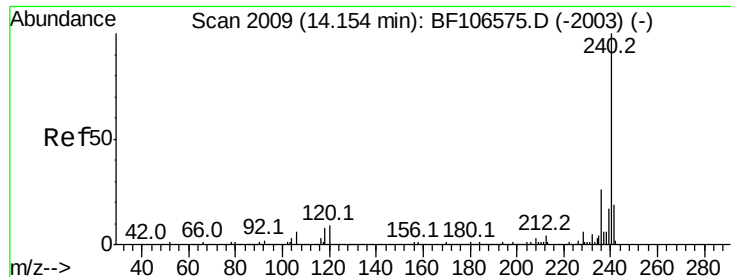


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

Instrument :

BNA_F

ClientSampled :

W-27

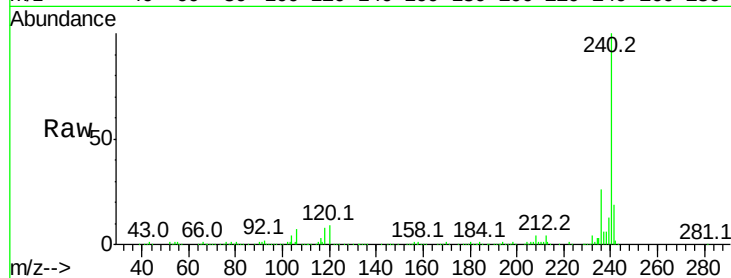
Tot Ion:240 Resp: 197090

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

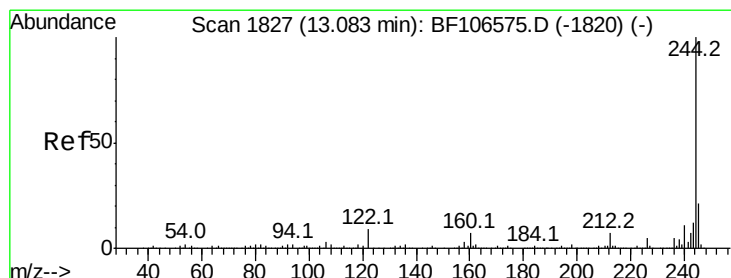
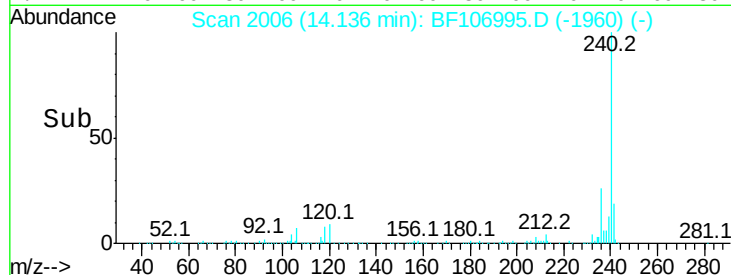
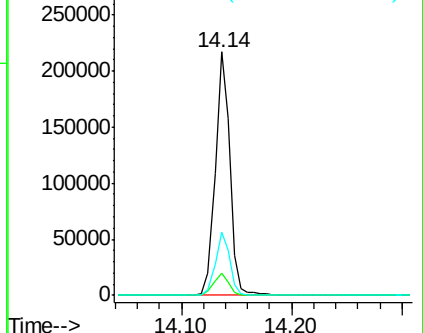
236 26.2 20.7 31.1



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: 93.574 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106995.D

Acq: 30 Jun 2018 1:32

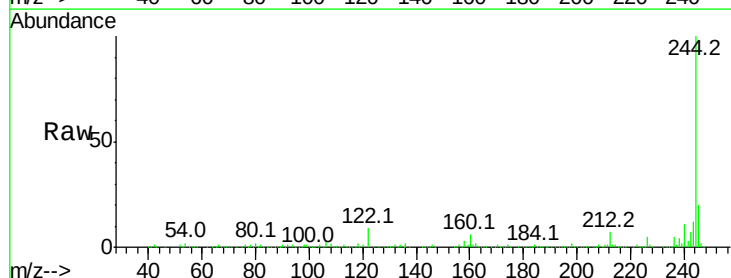
Tgt Ion:244 Resp: 761362

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

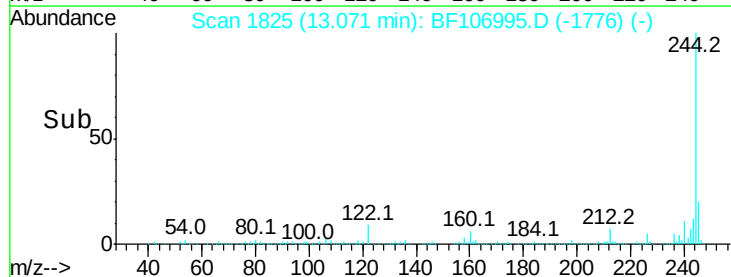
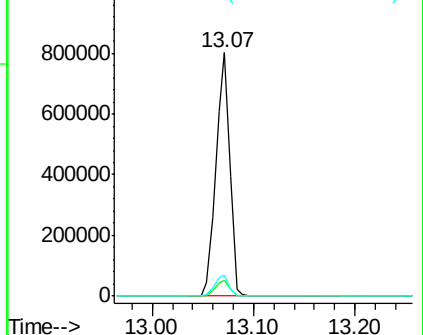
122 8.6 11.0 16.4#

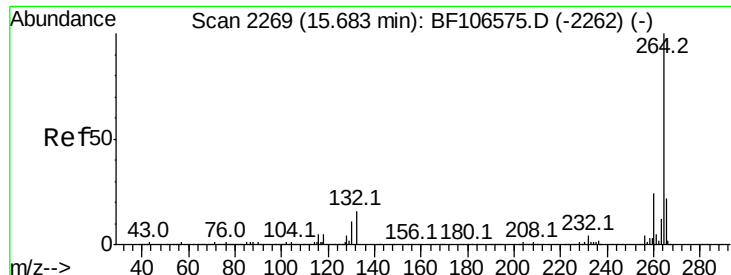


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

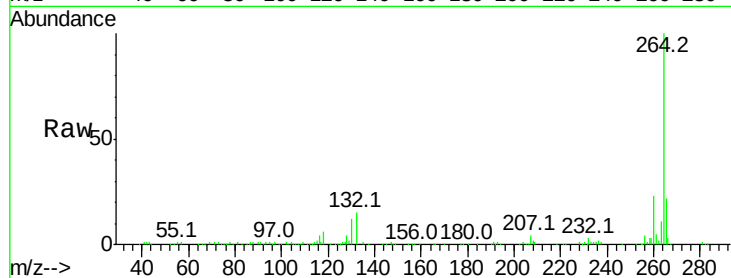




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106995.D
 Acq: 30 Jun 2018 1:32

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tot Ion:	264	Resp:	153469
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	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

