

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106990.D
 Acq On : 29 Jun 2018 23:20
 Operator : JU/SJ
 Sample : J3705-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jun 30 02:28:22 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

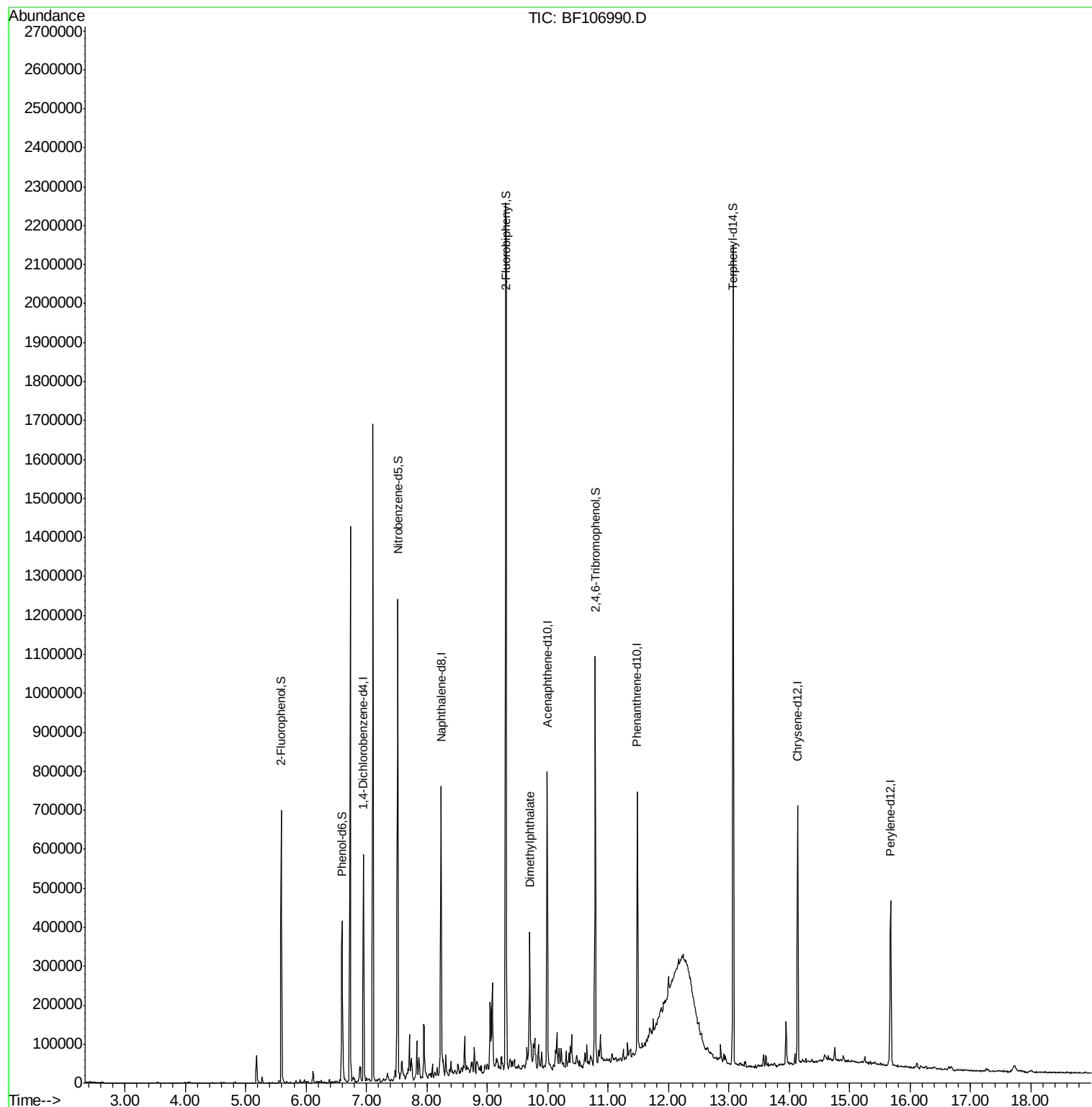
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88962	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	325847	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	155186	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	265777	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	251778	20.00	ng	-0.03
86) Perylene-d12	15.68	264	209171	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	190303	36.22	ng	-0.01
7) Phenol-d6	6.60	99	164204	25.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	476192	81.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	146390	81.39	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	820519	90.44	ng	-0.02
78) Terphenyl-d14	13.07	244	806898	77.63	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	89777	7.713	ng	98

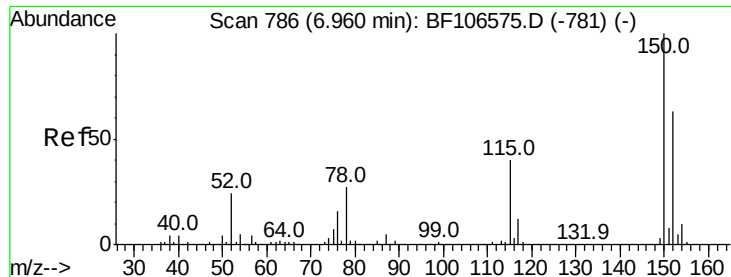
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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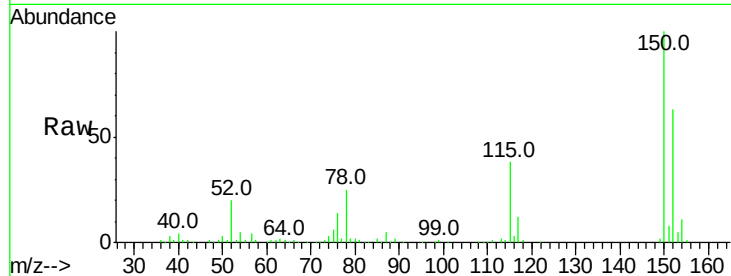


#1

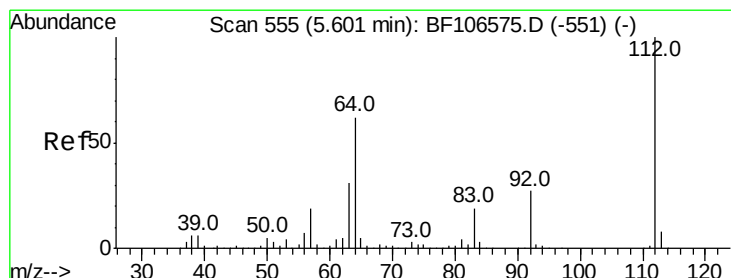
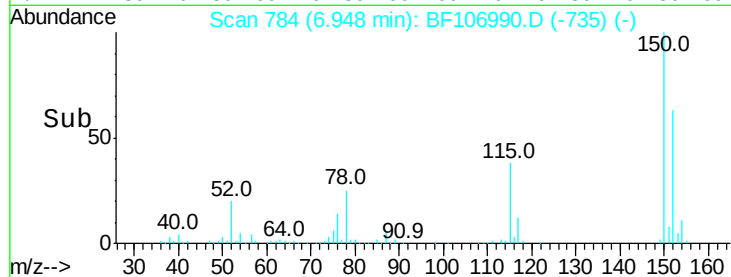
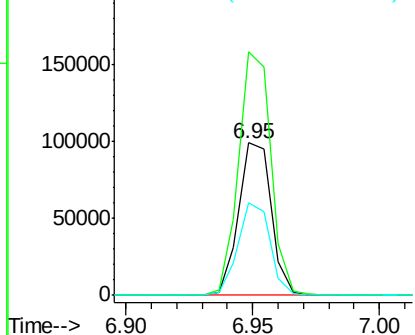
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tot Ion:152 Resp: 88962
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 60.5 50.1 75.1



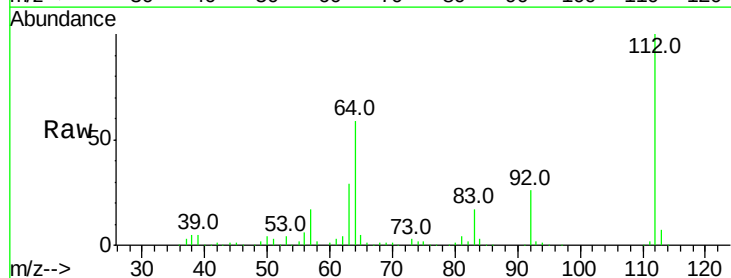
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



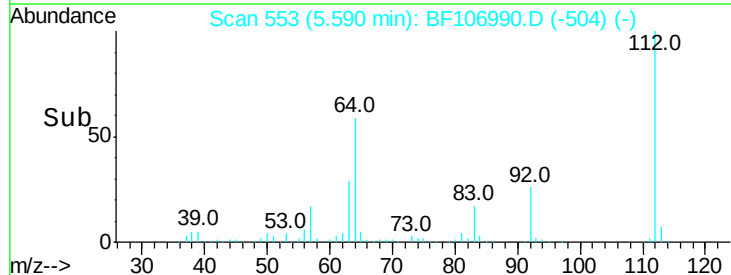
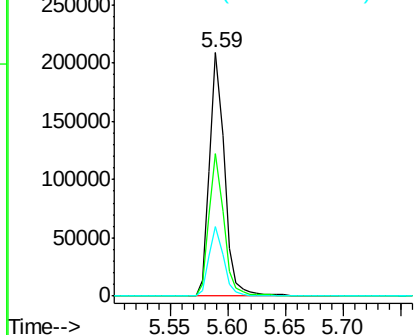
#5

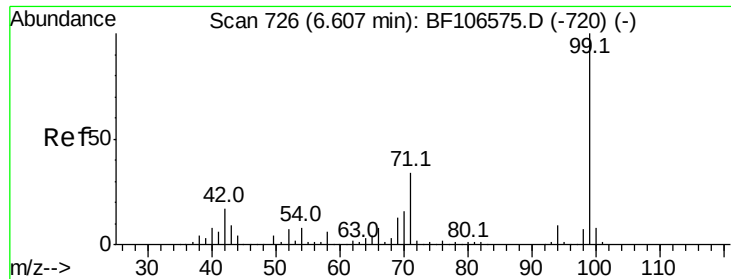
2-Fluorophenol
 Concen: 36.223 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion:112 Resp: 190303
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 28.5 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: 25.028 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_F

ClientSampleId :

W-39

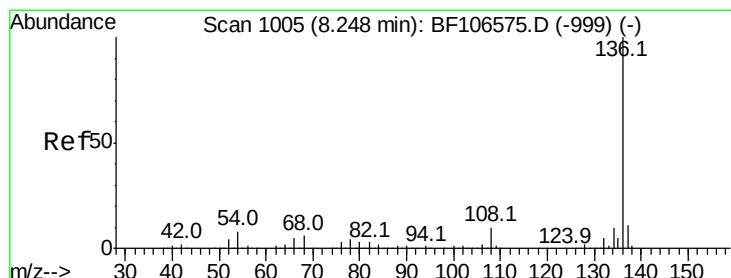
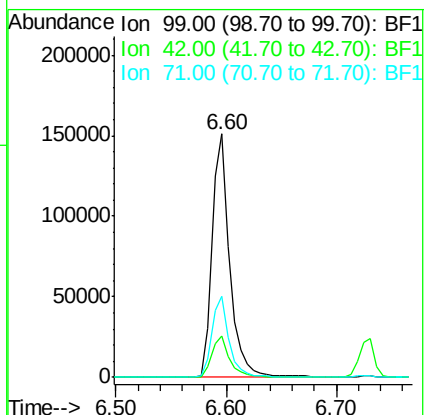
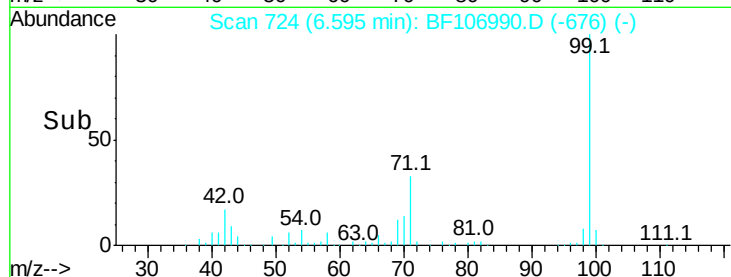
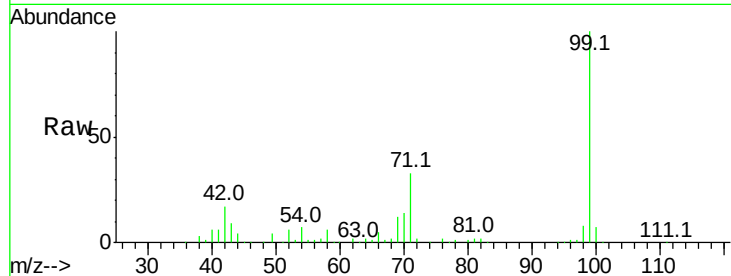
Tot Ion: 99 Resp: 164204

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Tgt Ion: 136 Resp: 325847

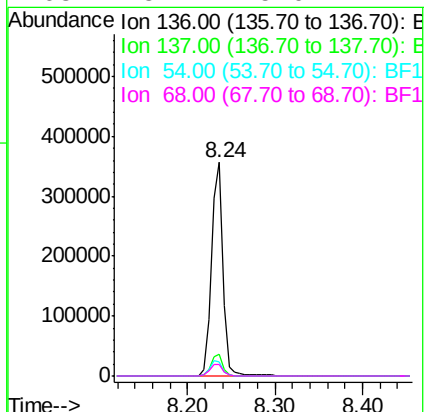
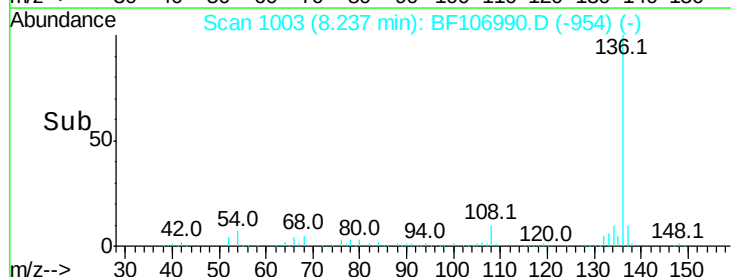
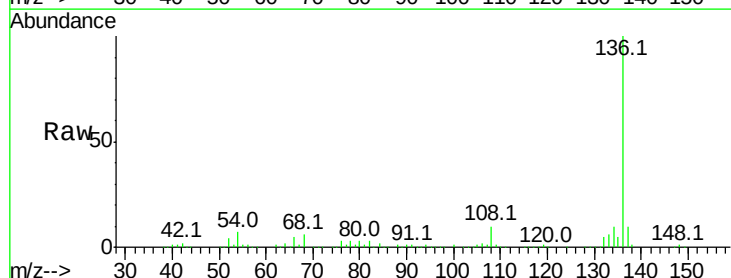
Ion Ratio Lower Upper

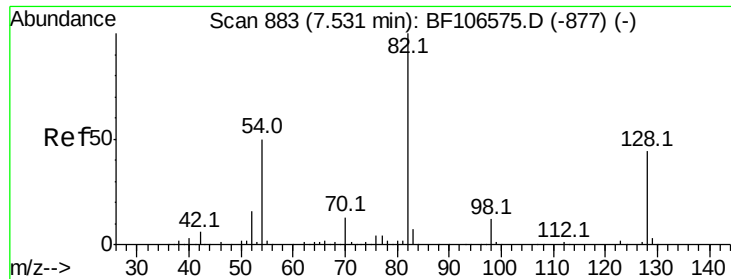
136 100

137 10.5 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

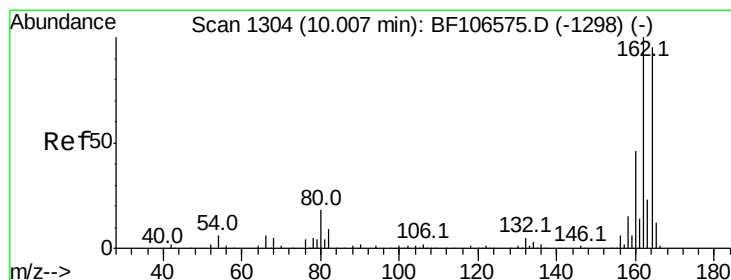
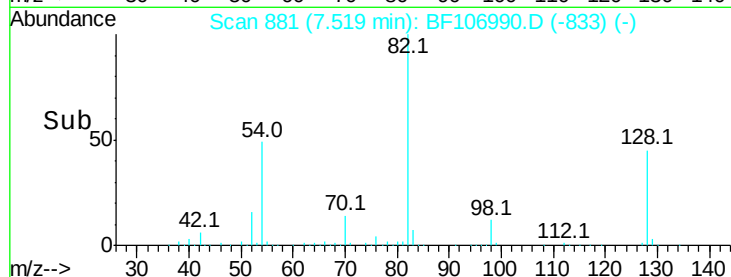
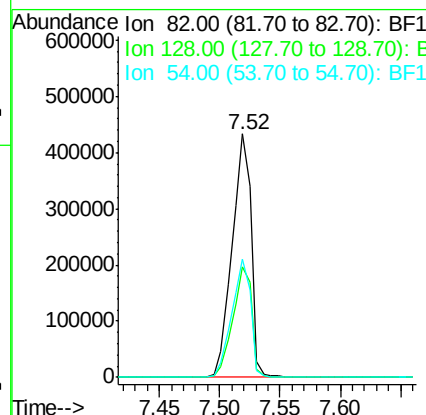
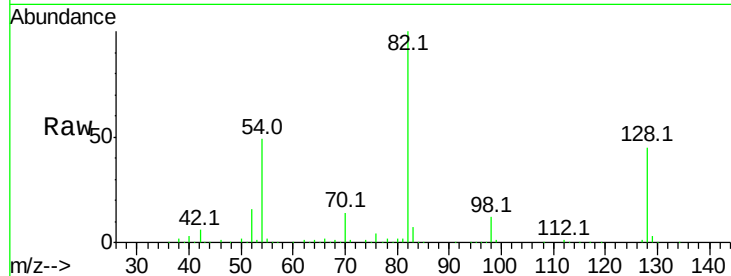




#23
 Nitrobenzene-d5
 Concen: 81.215 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

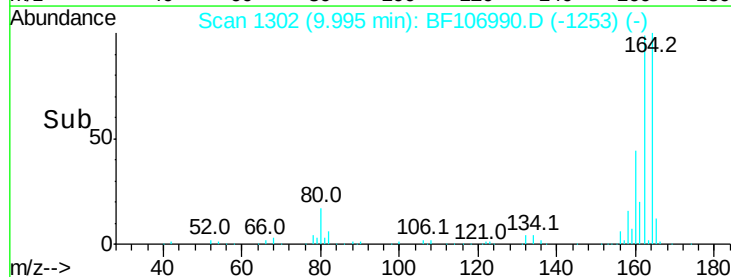
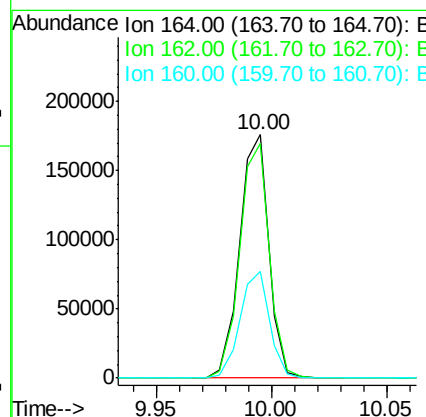
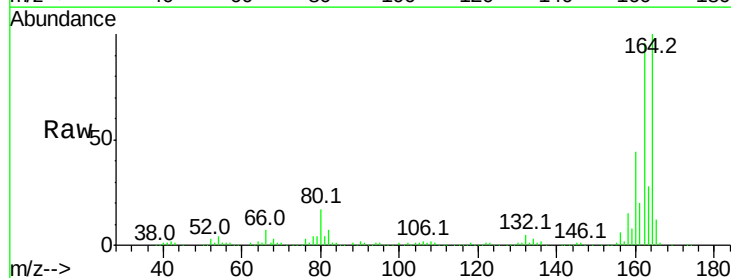
Instrument :
 BNA_F
 ClientSampled :
 W-39

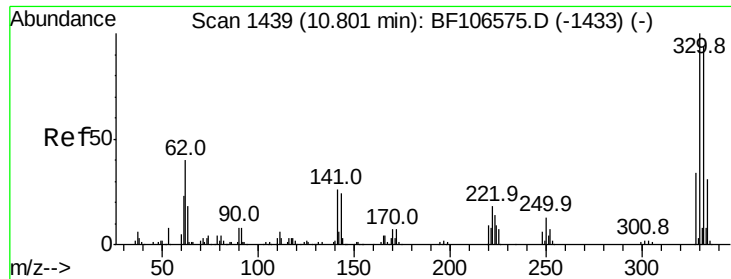
Tot Ion	82	Resp	476192
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	48.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion	164	Resp	155186
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	43.6	38.3	57.5

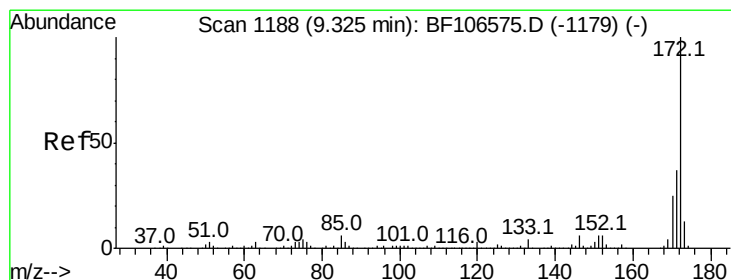
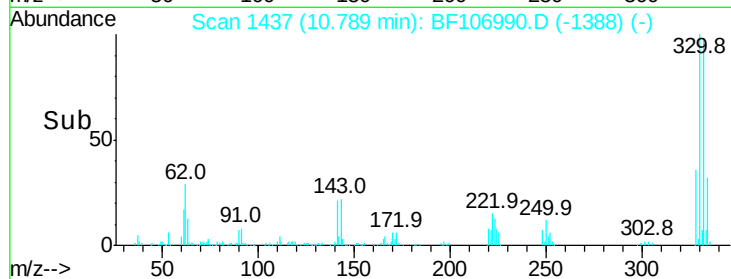
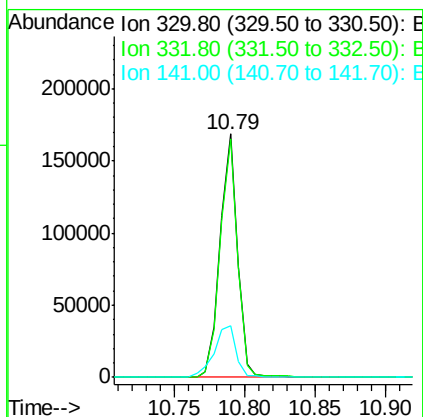
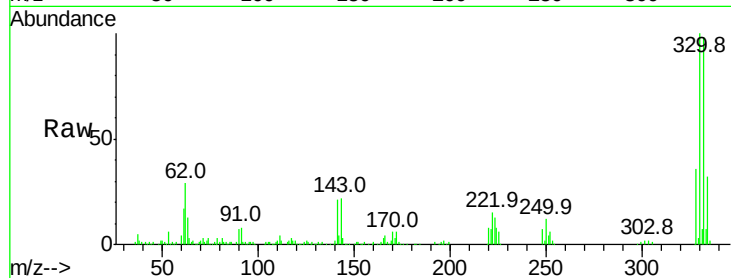




#41
 2,4,6-Tribromophenol
 Concen: 81.389 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

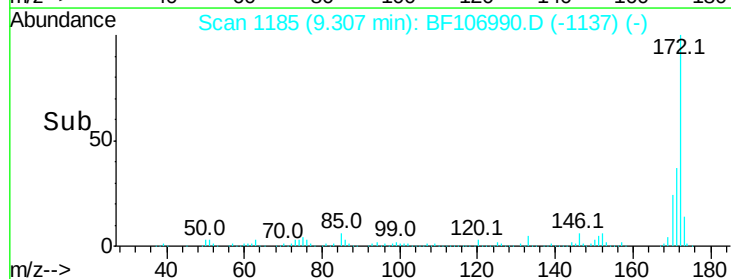
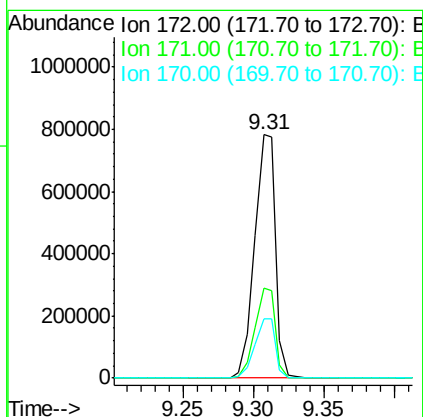
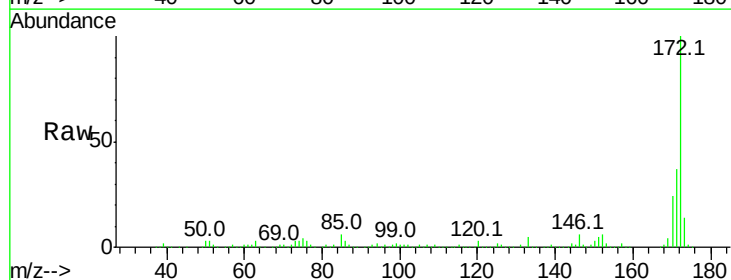
Instrument :
 BNA_F
 ClientSampleId :
 W-39

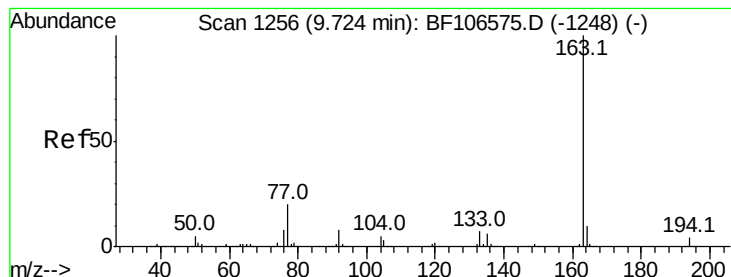
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 90.438 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 7.713 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_F

ClientSampleId :

W-39

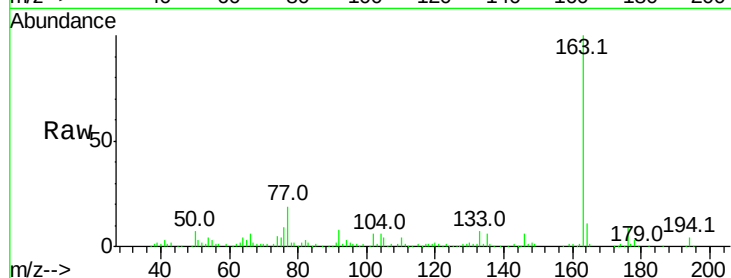
Tot Ion:163 Resp: 89777

Ion Ratio Lower Upper

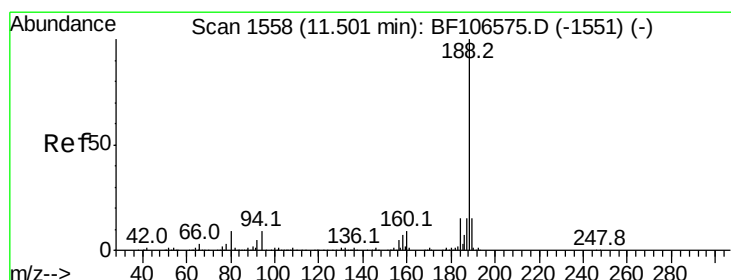
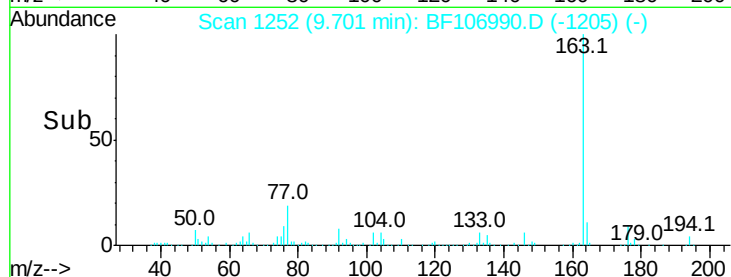
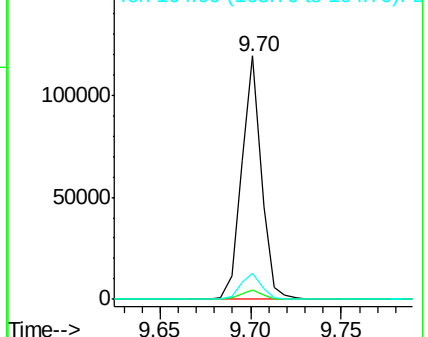
163 100

194 4.0 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: BF106990.D

Acq: 29 Jun 2018 23:20

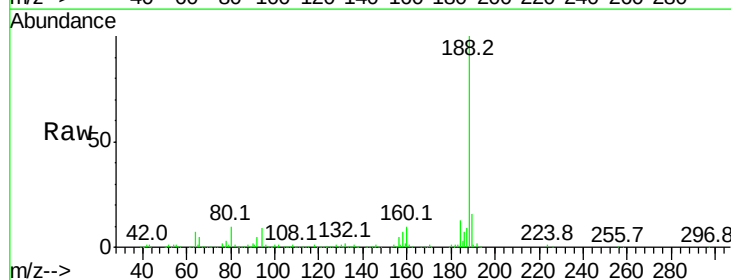
Tgt Ion:188 Resp: 265777

Ion Ratio Lower Upper

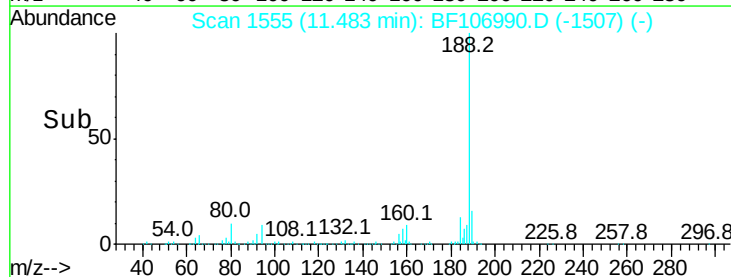
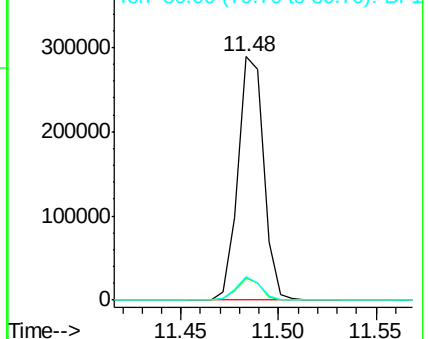
188 100

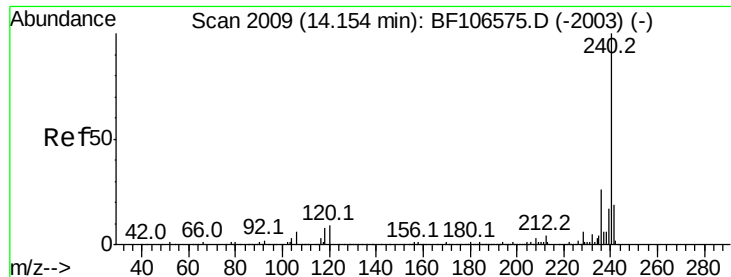
94 9.1 8.5 12.7

80 9.6 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: BF106990.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_F

ClientSampleId :

W-39

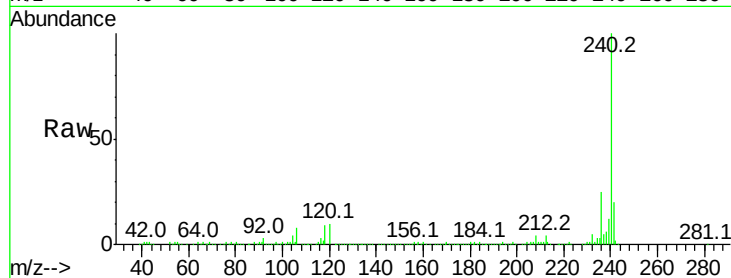
Tot Ion:240 Resp: 251778

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

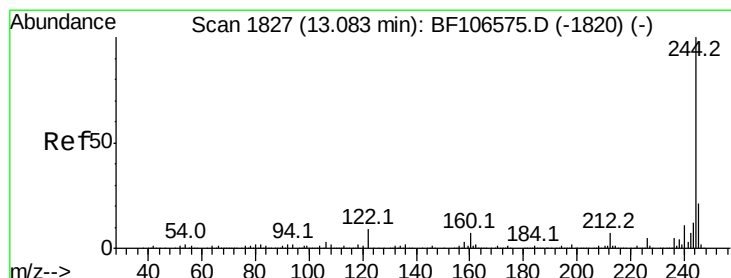
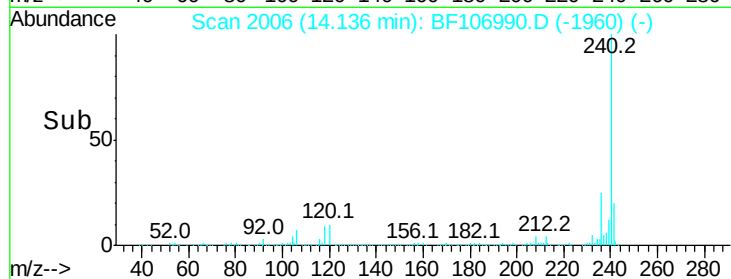
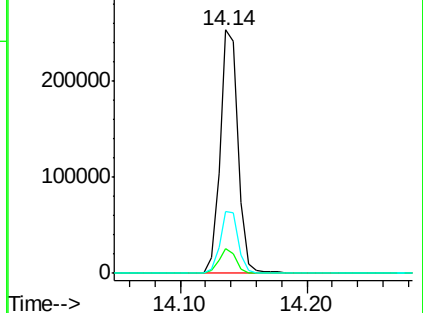
236 25.1 20.7 31.1



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: 77.630 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106990.D

Acq: 29 Jun 2018 23:20

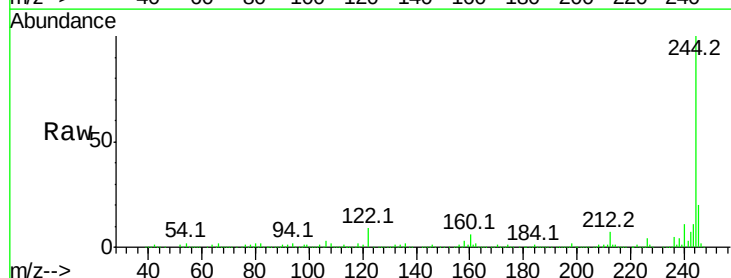
Tgt Ion:244 Resp: 806898

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

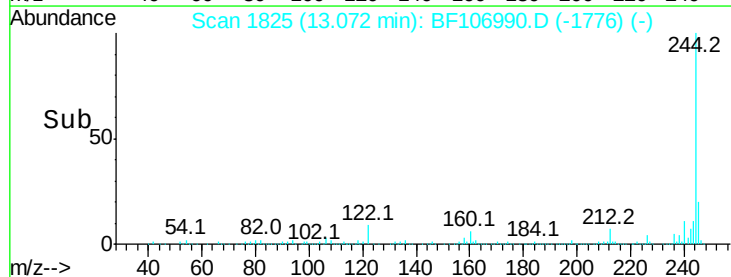
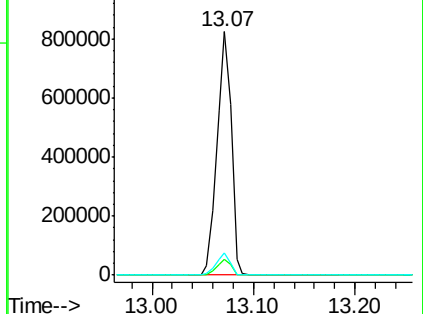
122 9.1 11.0 16.4#

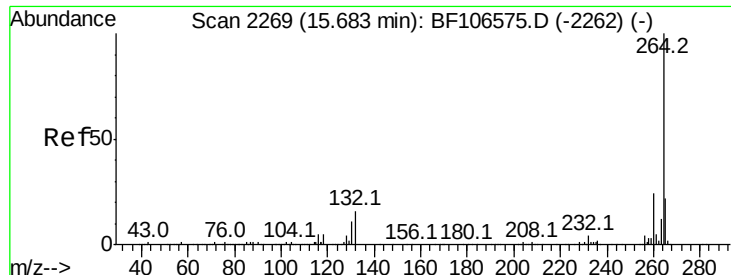


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

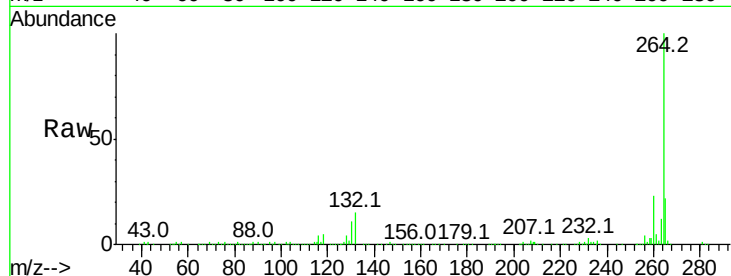




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106990.D
 Acq: 29 Jun 2018 23:20

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tot Ion:	264	Resp:	209171
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	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

