

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109786.D
 Acq On : 11 Oct 2018 14:56
 Operator : JU/SJ
 Sample : J5309-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-23

Quant Time: Oct 11 16:39:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

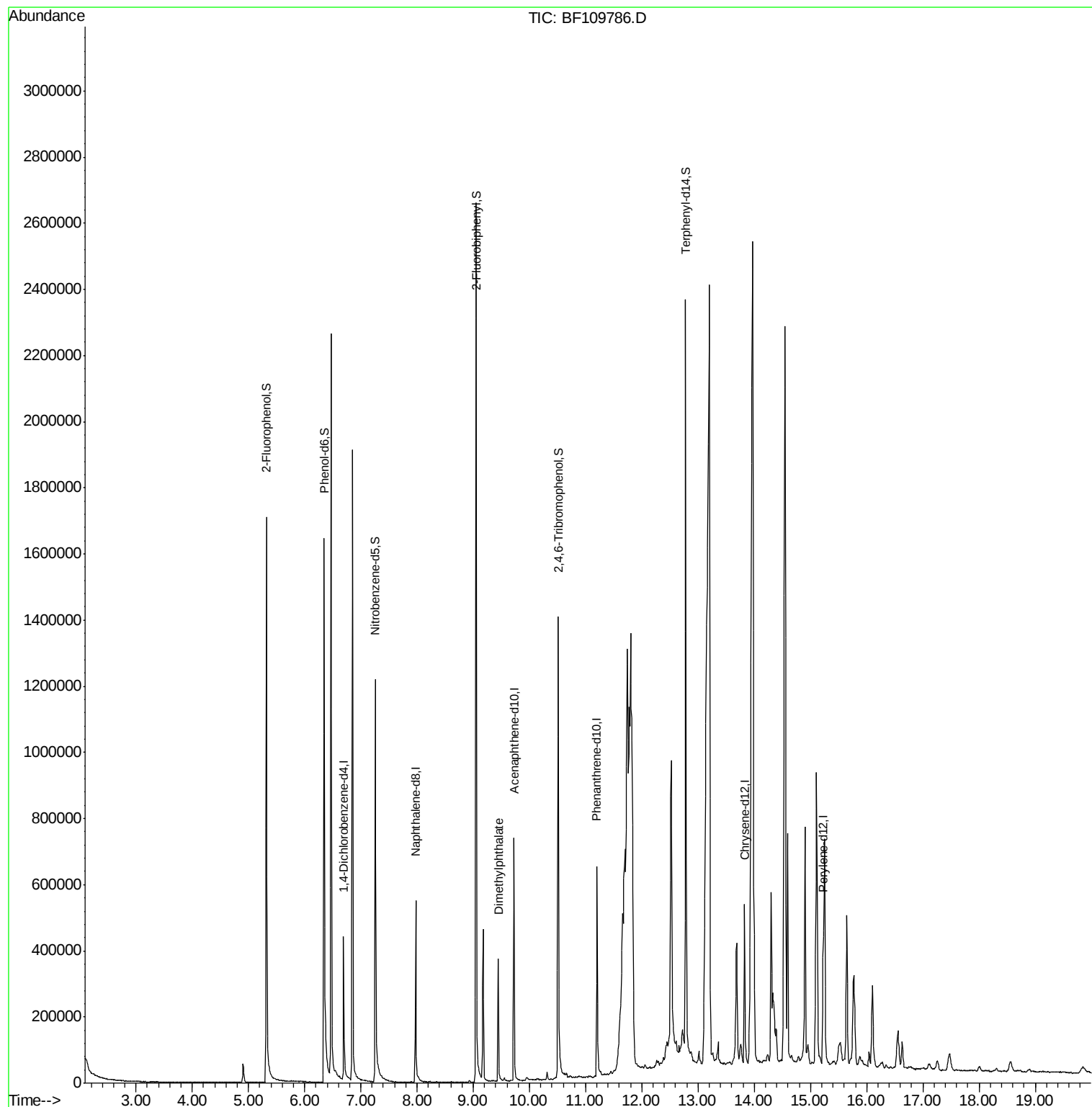
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	77363	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	311619	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	150226	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	291077	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204083	20.00	ng	0.00
86) Perylene-d12	15.23	264	205715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	599318	137.51	ng	0.00
7) Phenol-d6	6.35	99	818909	140.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	540007	95.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	195969	119.72	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	985361	90.34	ng	0.00
78) Terphenyl-d14	12.78	244	880143	83.49	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	175048	15.888	ng	99

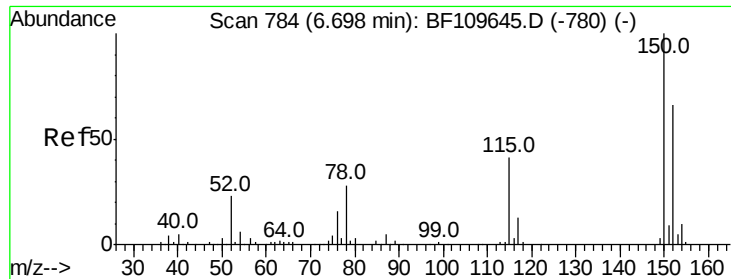
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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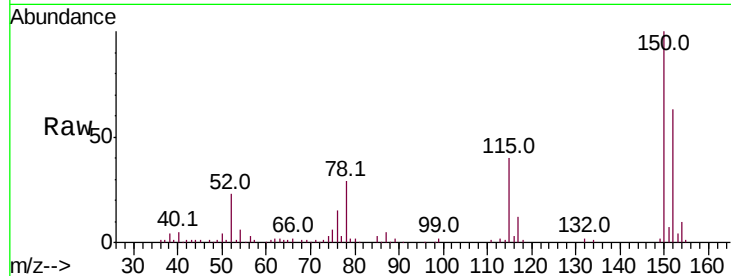


#1

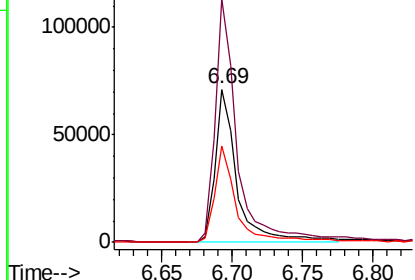
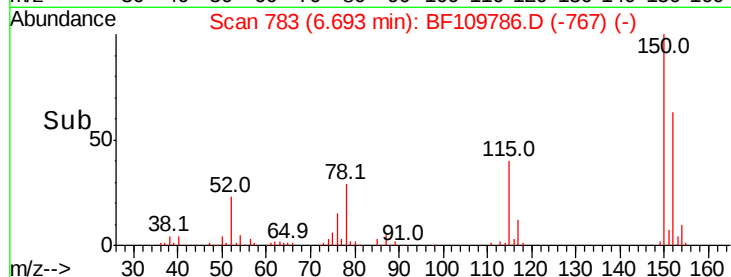
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :
S-23

Tot Ion:152 Resp: 77363
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 63.1 49.1 73.7



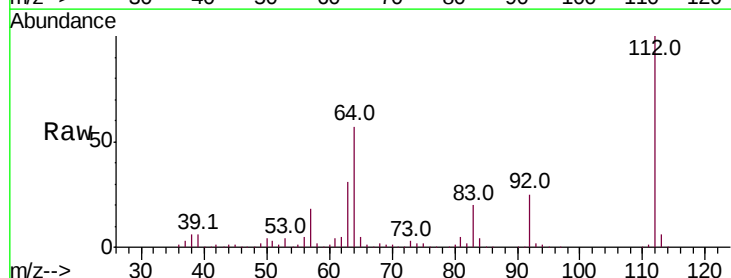
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



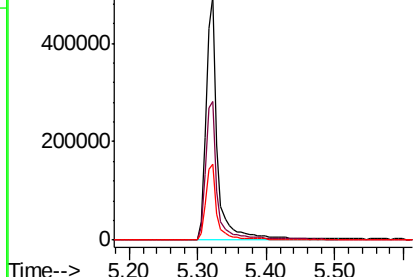
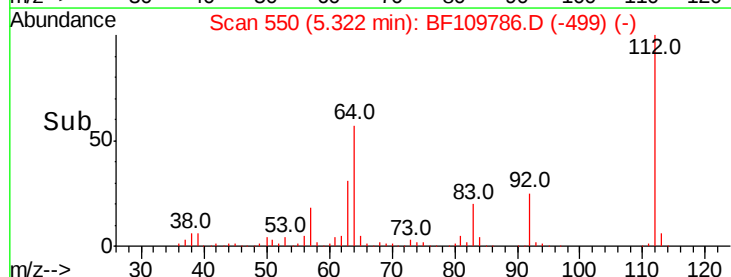
#5

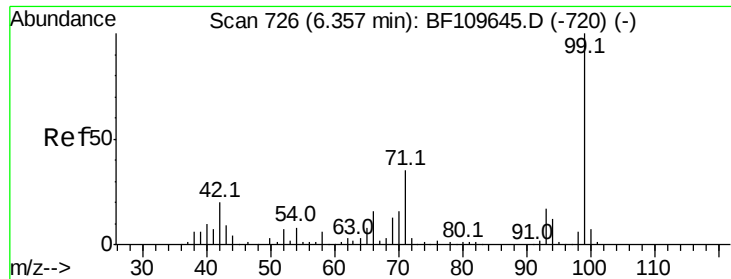
2-Fluorophenol
Concen: 137.509 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion:112 Resp: 599318
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 31.1 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: 140.650 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

S-23

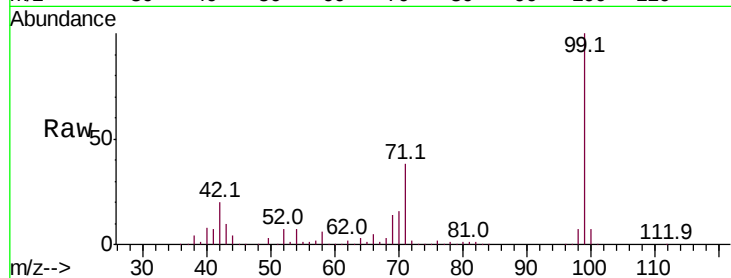
Tot Ion: 99 Resp: 818909

Ion Ratio Lower Upper

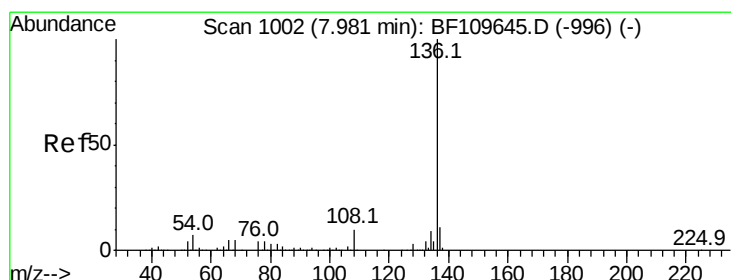
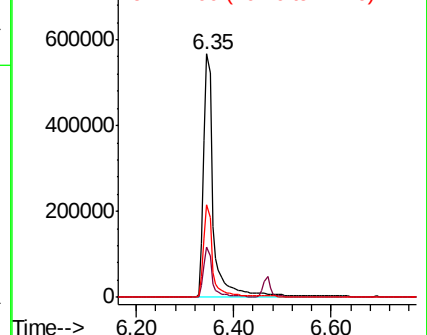
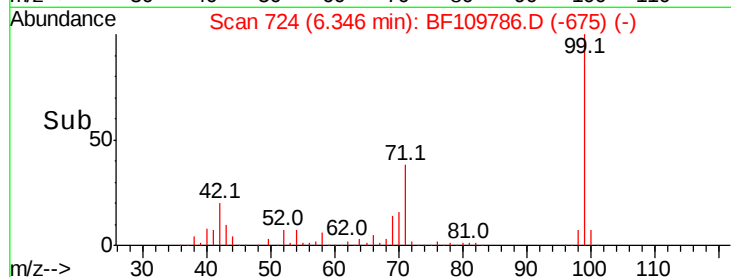
99 100

42 20.4 15.8 23.6

71 37.8 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Tgt Ion:136 Resp: 311619

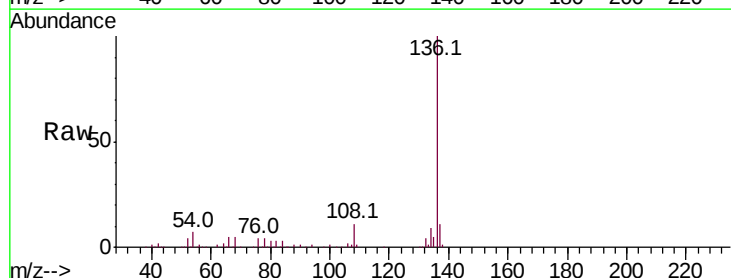
Ion Ratio Lower Upper

136 100

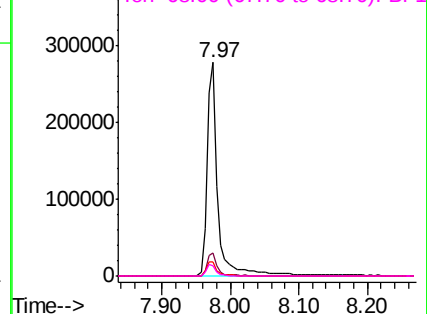
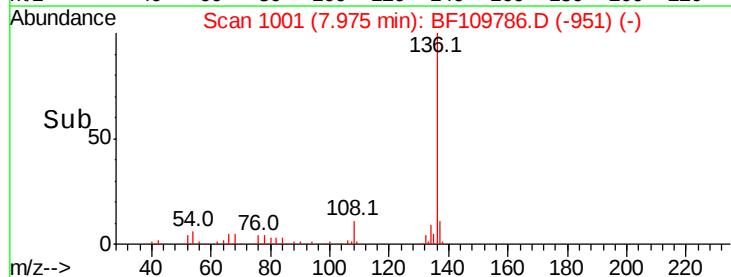
137 10.9 8.8 13.2

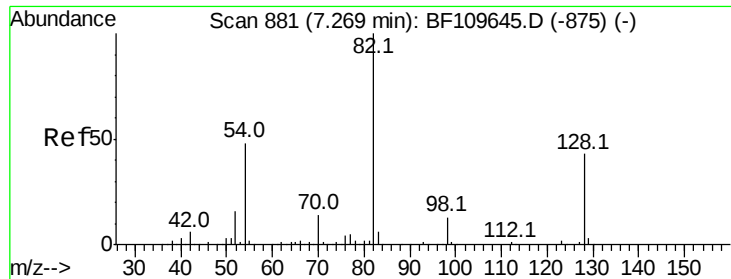
54 6.6 5.4 8.2

68 4.9 4.2 6.2



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

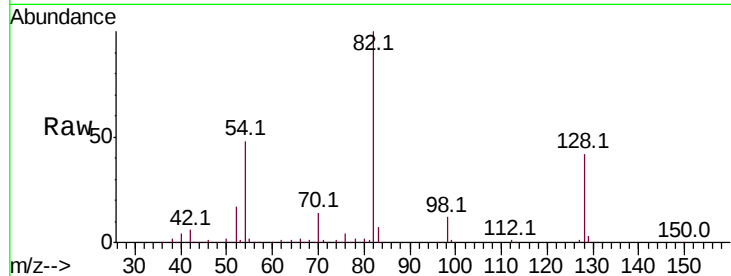




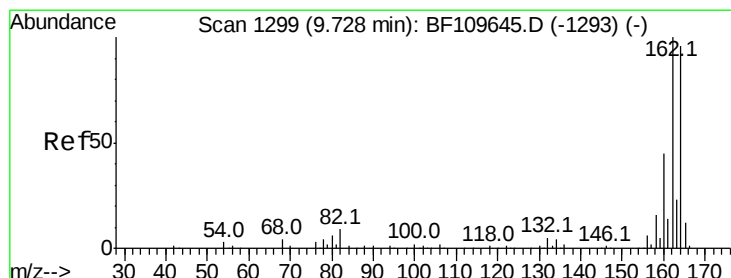
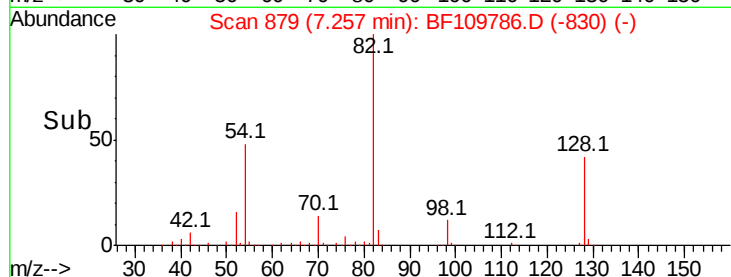
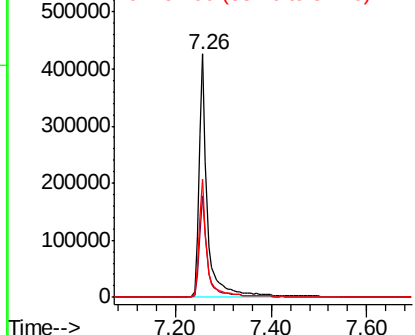
#23
Nitrobenzene-d5
Concen: 95.524 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :
S-23

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.2	51.2
54	48.5	38.6	58.0

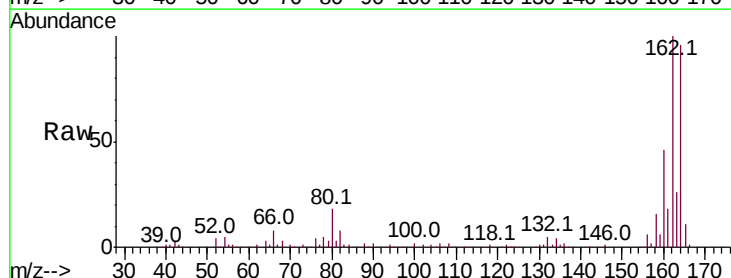


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

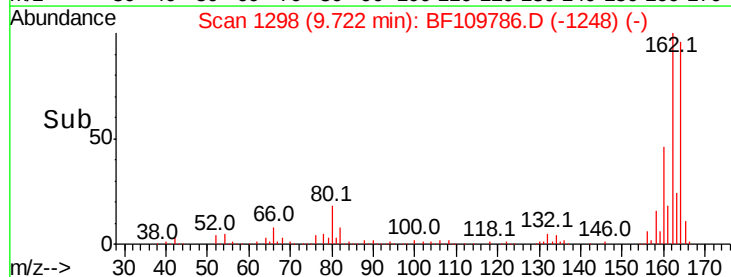
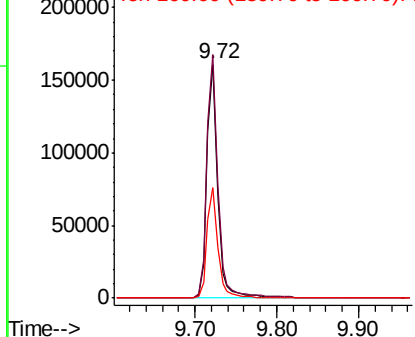


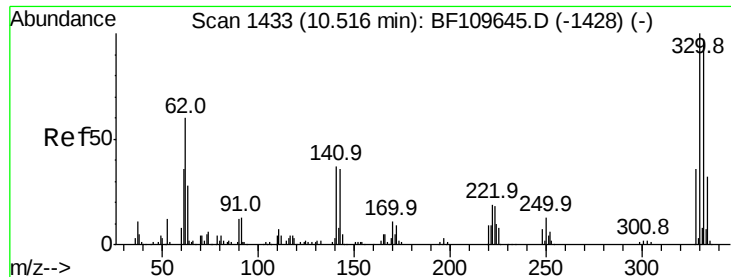
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	47.5	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

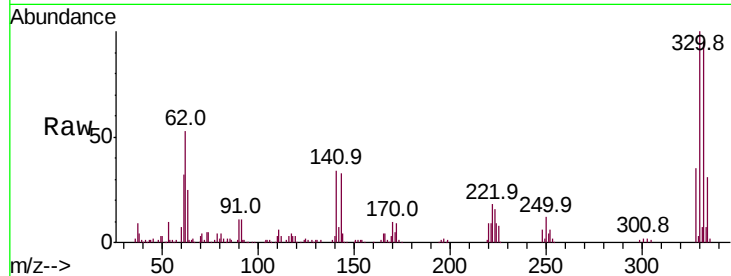




#41
 2,4,6-Tribromophenol
 Concen: 119.721 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109786.D
 Acq: 11 Oct 2018 14:56

Instrument :
 BNA_F
 ClientSampled :
 S-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	36.0	27.0	40.4

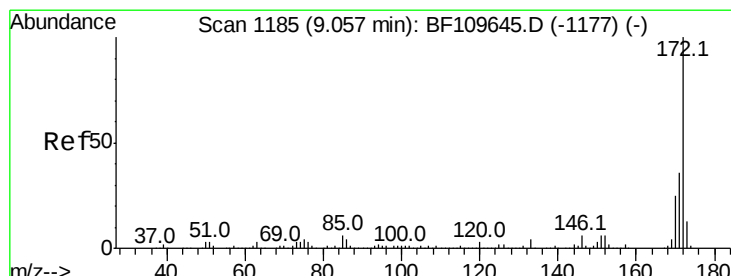
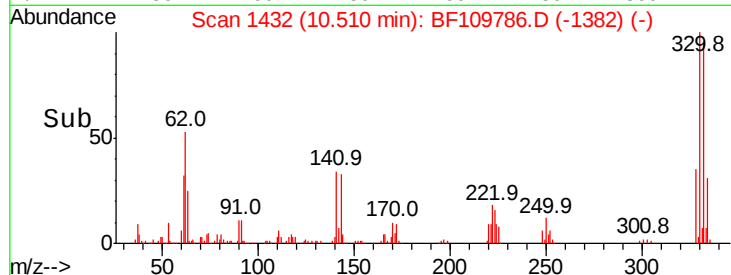
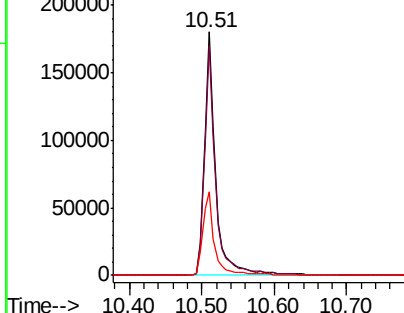


Abundance

Ion 329.80 (329.50 to 330.50): E

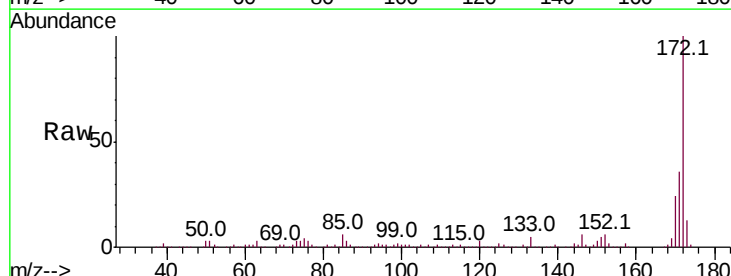
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.337 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109786.D
 Acq: 11 Oct 2018 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

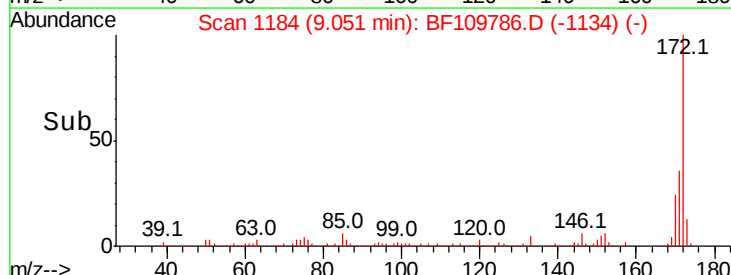
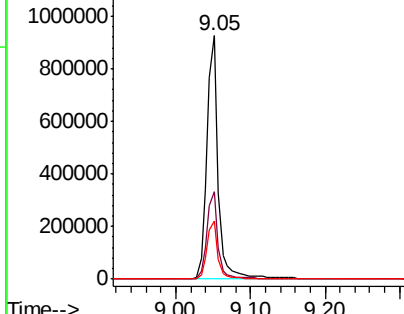


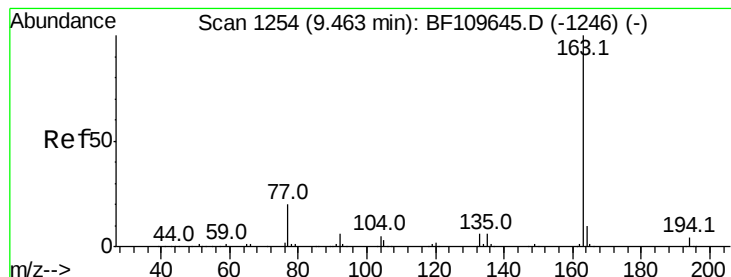
Abundance

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: 15.888 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

S-23

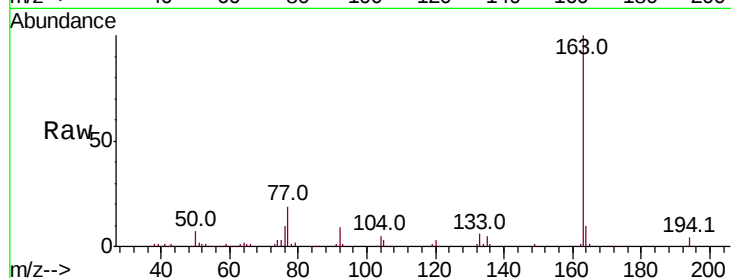
Tot Ion:163 Resp: 175048

Ion Ratio Lower Upper

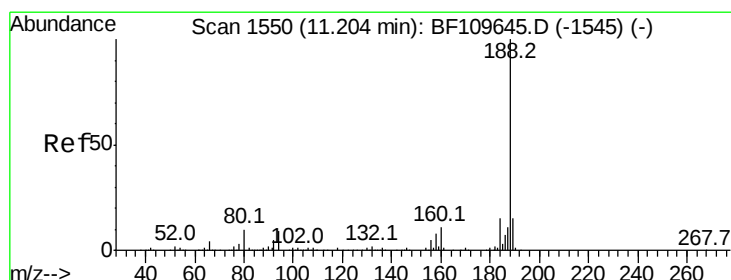
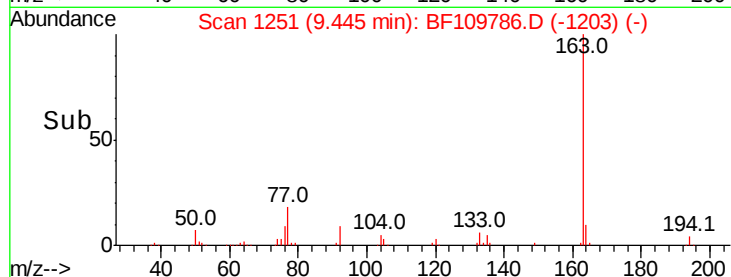
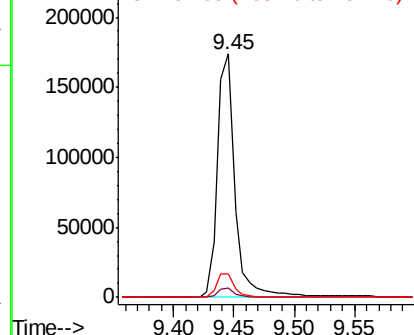
163 100

194 3.9 3.2 4.8

164 9.8 8.1 12.1



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: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

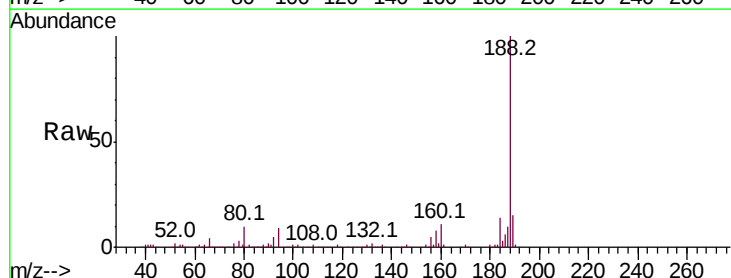
Tgt Ion:188 Resp: 291077

Ion Ratio Lower Upper

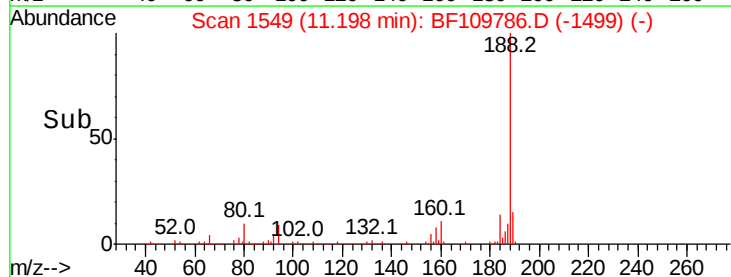
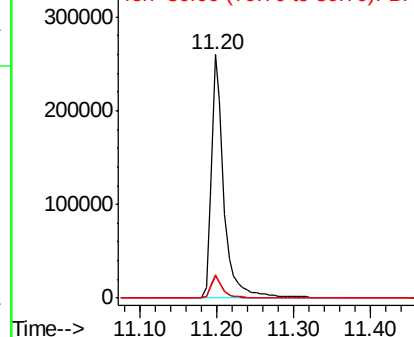
188 100

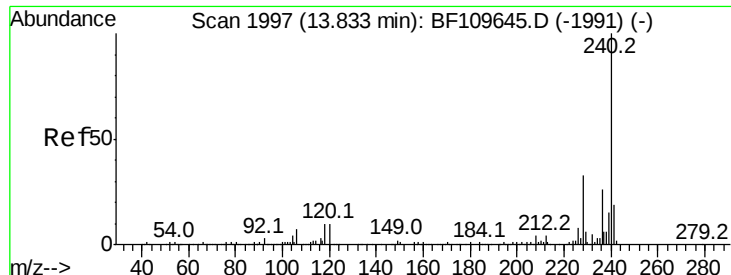
94 8.9 7.2 10.8

80 9.7 7.9 11.9



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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

Instrument :

BNA_F

ClientSampleId :

S-23

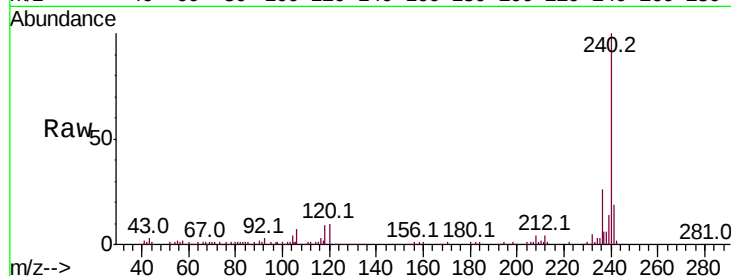
Tot Ion:240 Resp: 204083

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

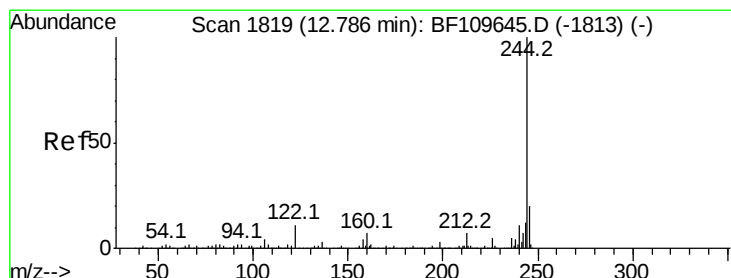
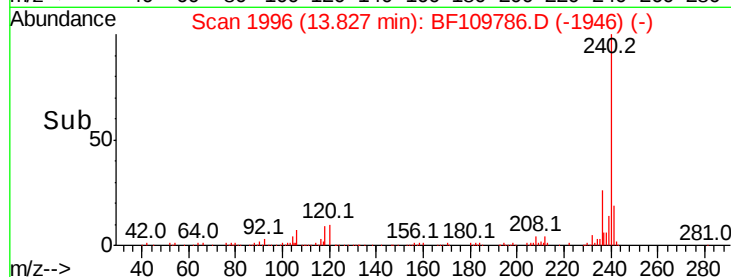
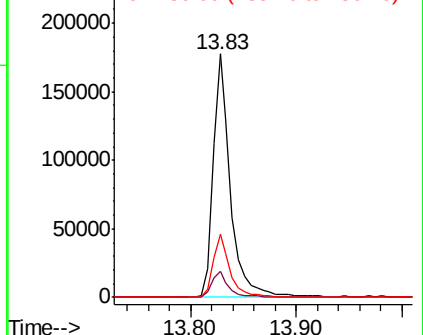
236 25.8 21.2 31.8



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: 83.486 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109786.D

Acq: 11 Oct 2018 14:56

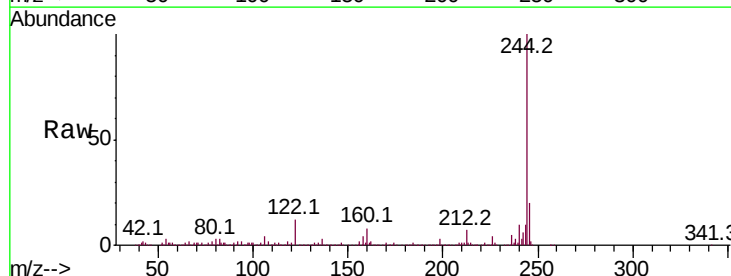
Tgt Ion:244 Resp: 880143

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

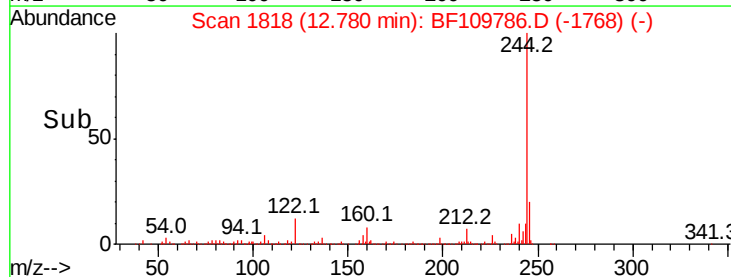
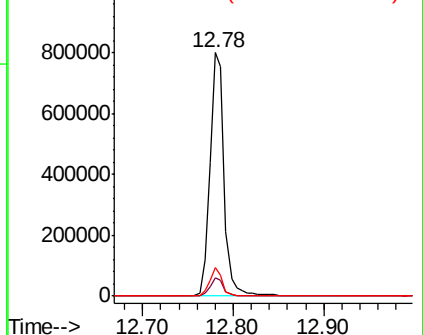
122 11.8 8.7 13.1

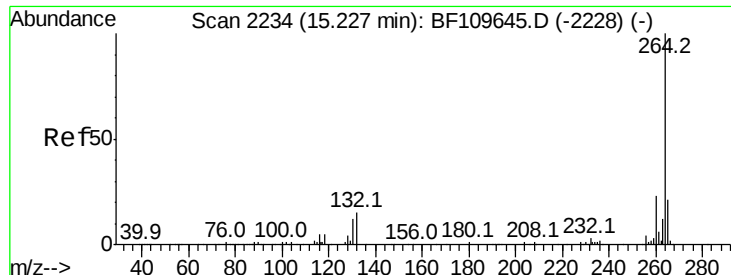


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109786.D
Acq: 11 Oct 2018 14:56

Instrument :
BNA_F
ClientSampleId :
S-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.8	16.7	25.1

