

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109749.D
 Acq On : 10 Oct 2018 18:23
 Operator : JU/SJ
 Sample : J5302-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-4-(15.5-17)

Quant Time: Oct 10 18:58:27 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

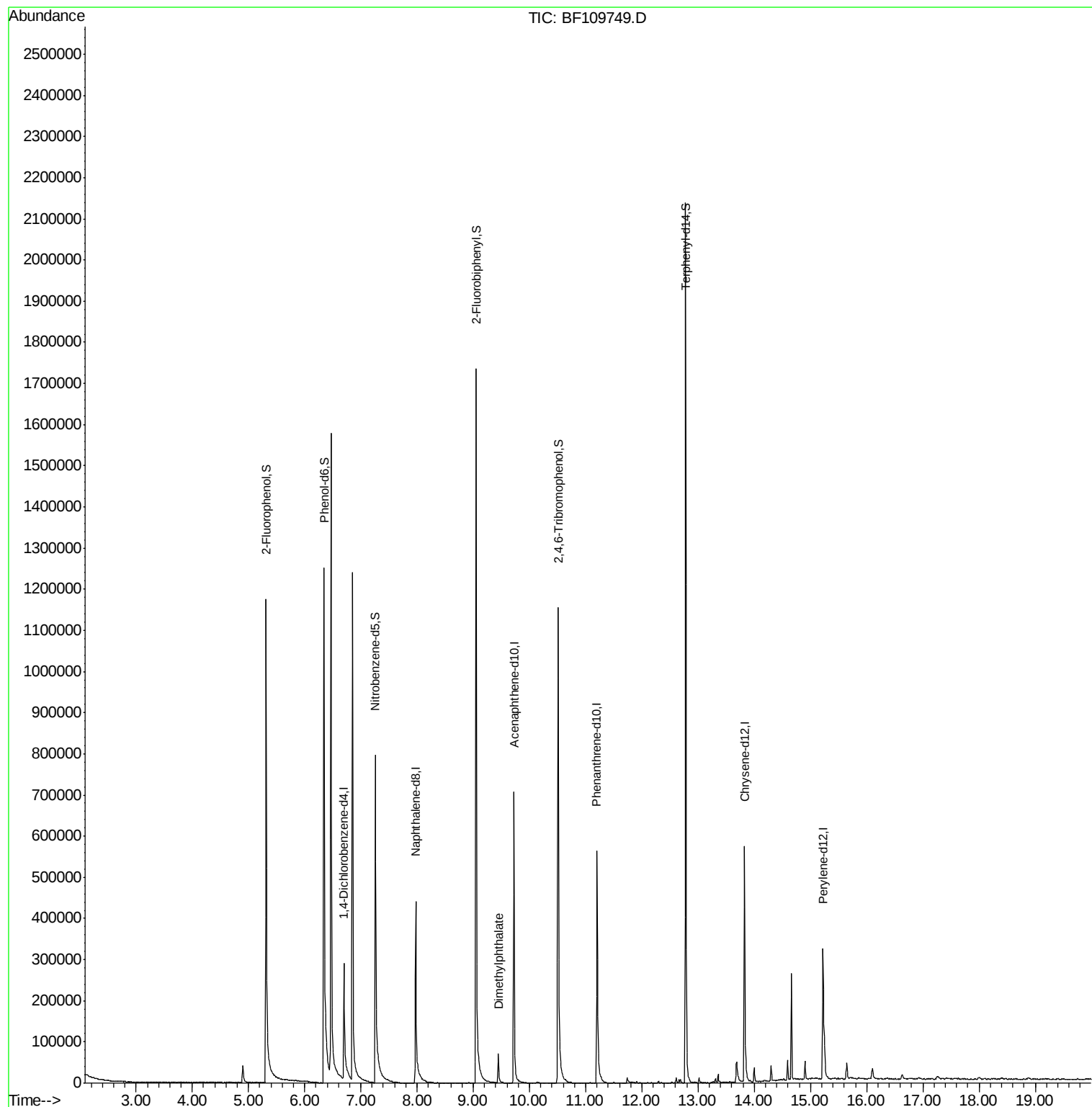
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	76217	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	333218	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166011	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	335487	20.00	ng	0.00
75) Chrysene-d12	13.83	240	255989	20.00	ng	0.00
86) Perylene-d12	15.22	264	204069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	486989	113.42	ng	0.00
7) Phenol-d6	6.35	99	682645	119.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	433687	71.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	199677	110.39	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	753788	62.54	ng	0.00
78) Terphenyl-d14	12.78	244	782046	59.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	45834	3.764	ng	Qvalue 99

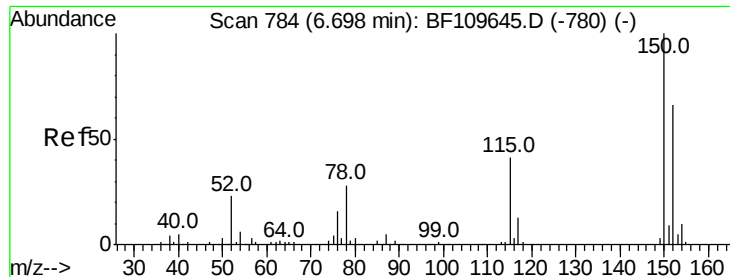
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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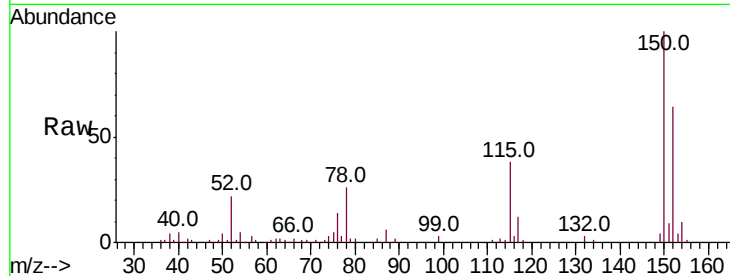


#1

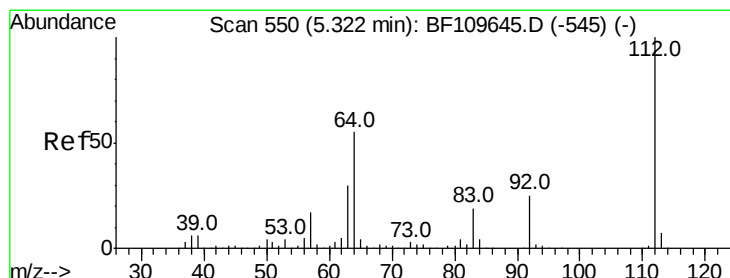
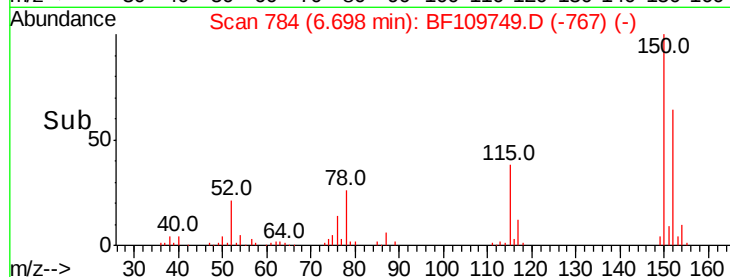
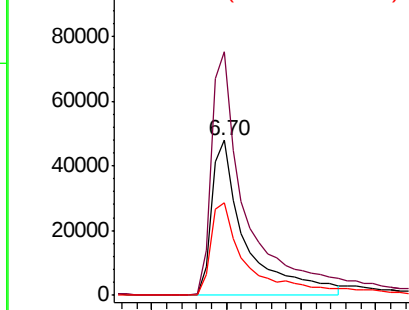
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Instrument :
BNA_F
ClientSampleId :
SB-TW-4-(15.5-17)

Tot Ion:152 Resp: 76217
Ion Ratio Lower Upper
152 100
150 157.3 122.7 184.1
115 59.6 49.1 73.7



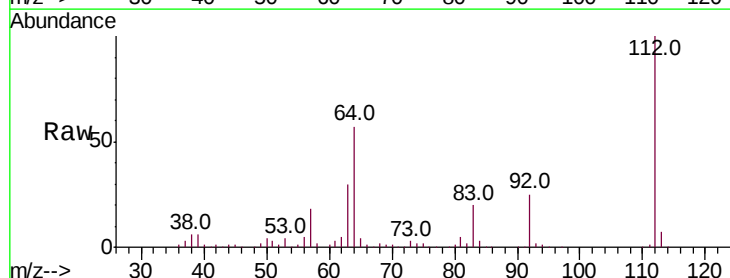
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



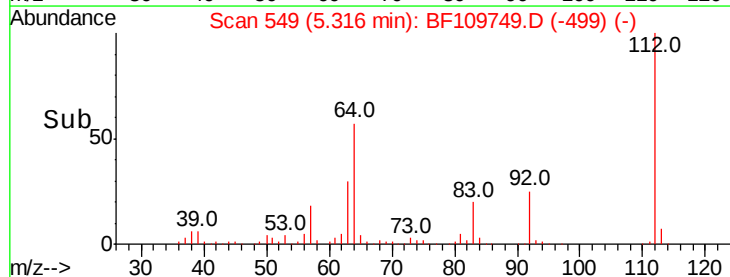
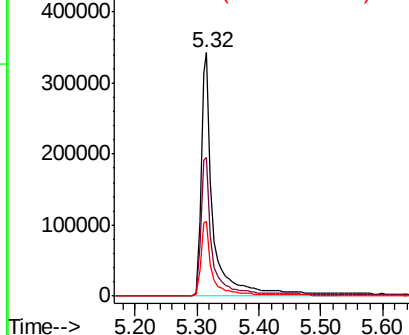
#5

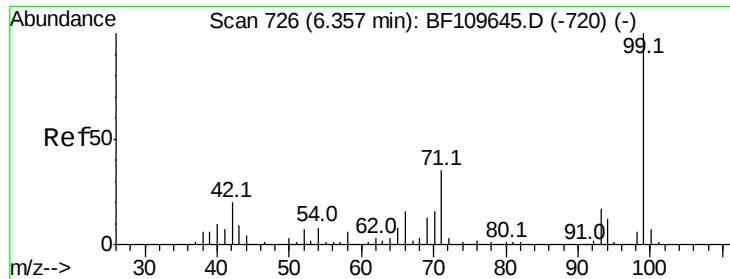
2-Fluorophenol
Concen: 113.416 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion:112 Resp: 486989
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.4 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: 119.009 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

Instrument :

BNA_F

ClientSampleId :

SB-TW-4-(15.5-17)

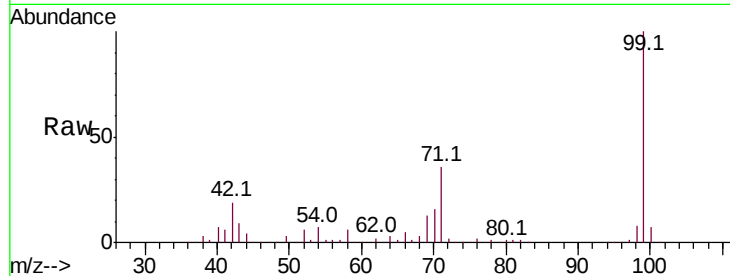
Tot Ion: 99 Resp: 682645

Ion Ratio Lower Upper

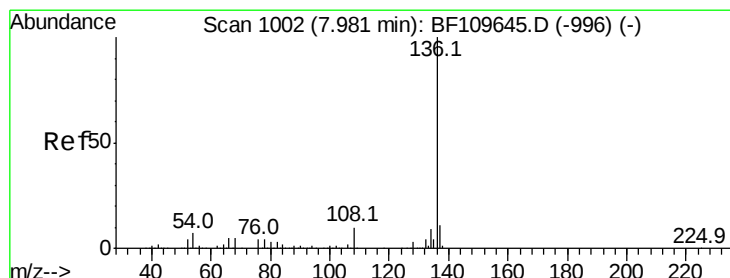
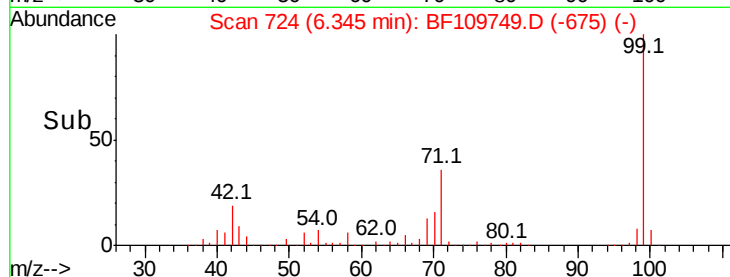
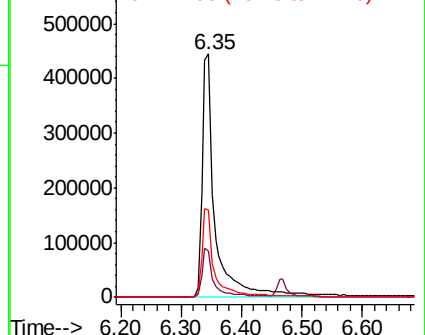
99 100

42 18.9 15.8 23.6

71 35.8 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: BF109749.D

Acq: 10 Oct 2018 18:23

Tgt Ion: 136 Resp: 333218

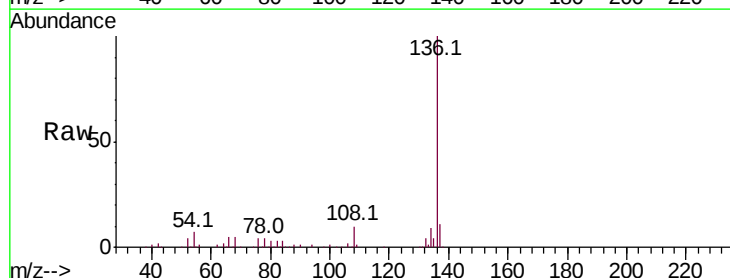
Ion Ratio Lower Upper

136 100

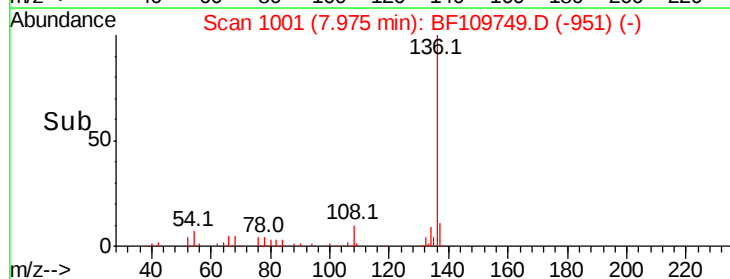
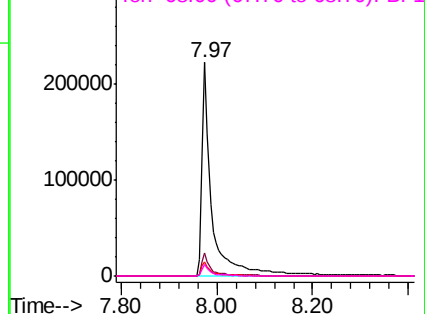
137 10.7 8.8 13.2

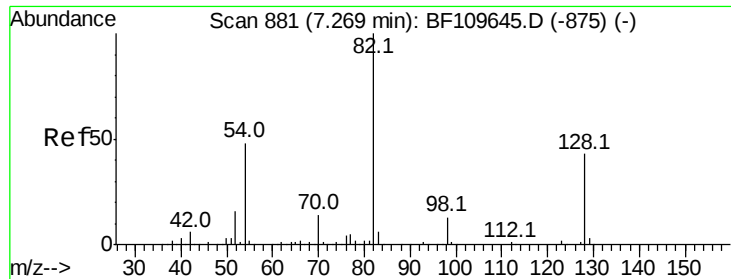
54 6.8 5.4 8.2

68 5.3 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

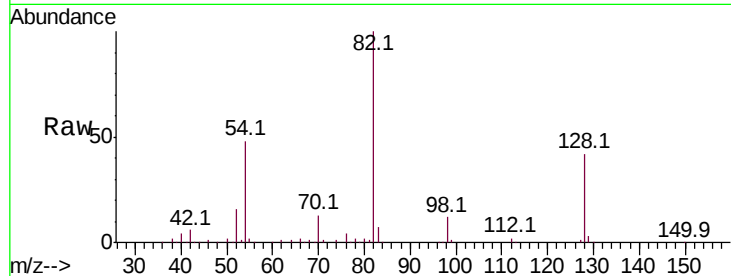




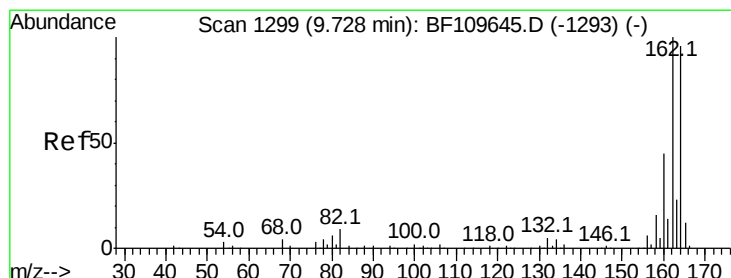
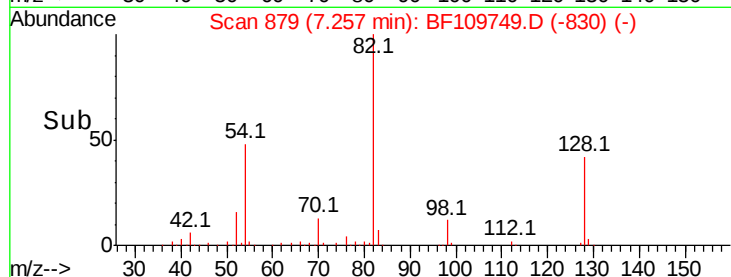
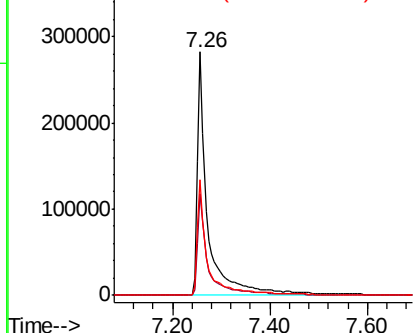
#23
 Nitrobenzene-d5
 Concen: 71.744 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-4-(15.5-17)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	47.6	38.6	58.0

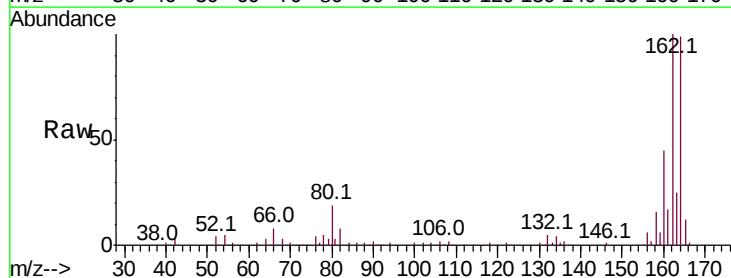


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

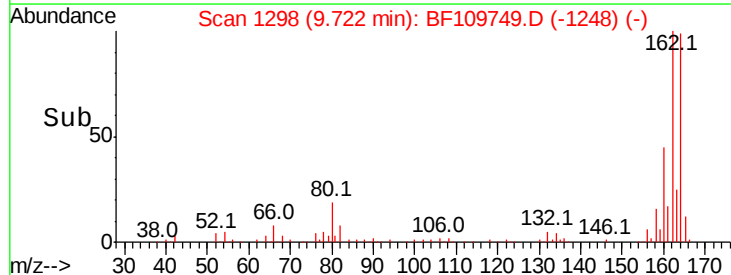
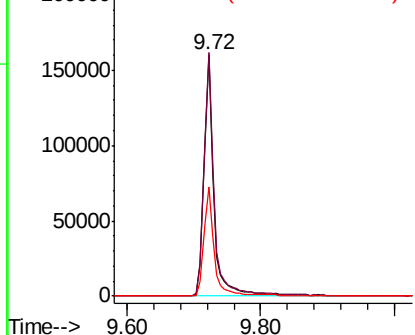


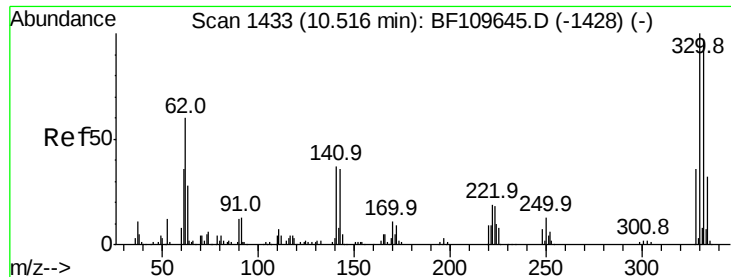
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.6
160	45.5	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

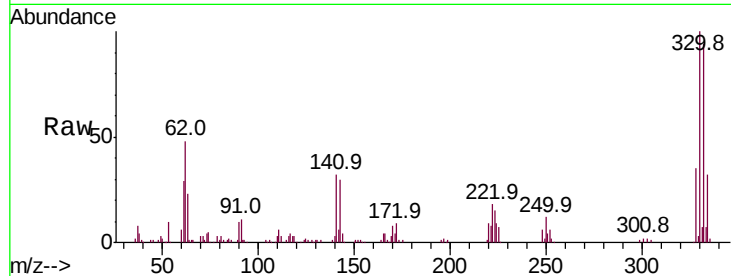




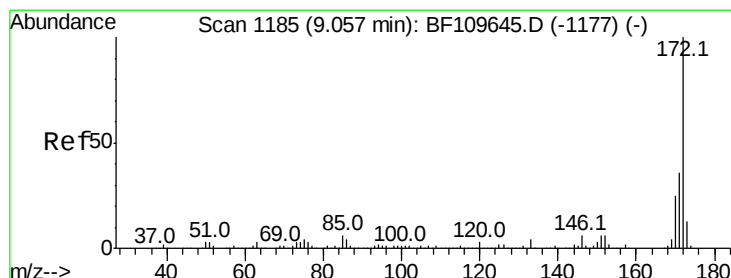
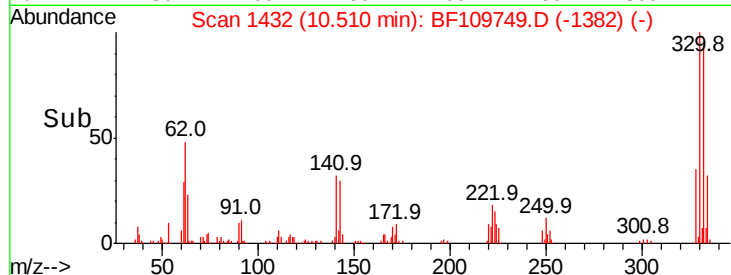
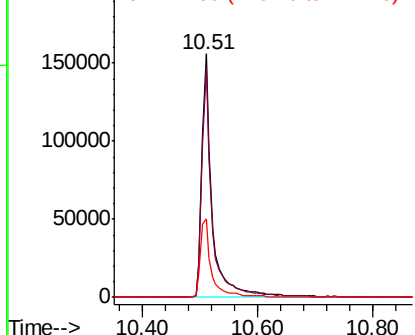
#41
 2,4,6-Tribromophenol
 Concen: 110.388 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-4-(15.5-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.1	115.7
141	34.0	27.0	40.4

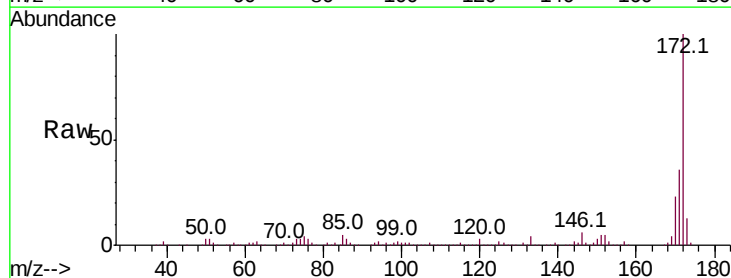


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

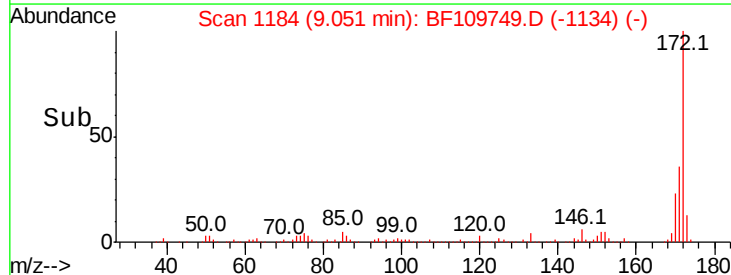
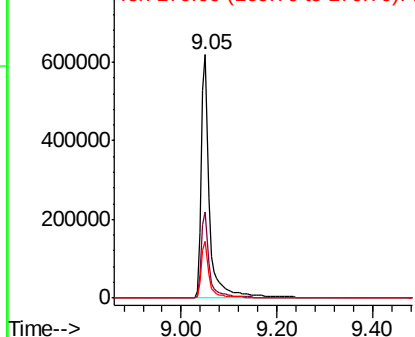


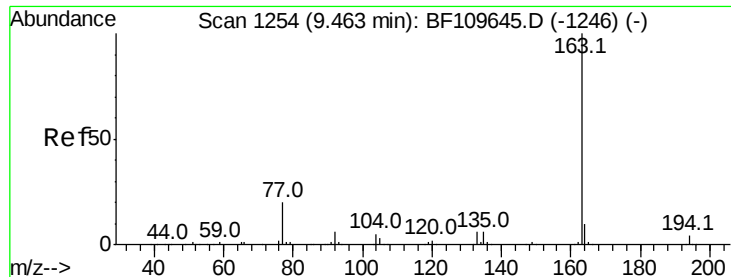
#44
 2-Fluorobiphenyl
 Concen: 62.535 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	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

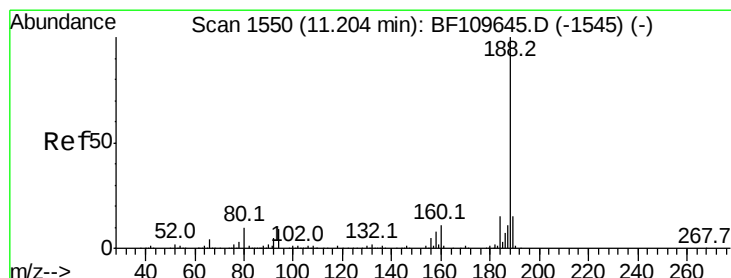
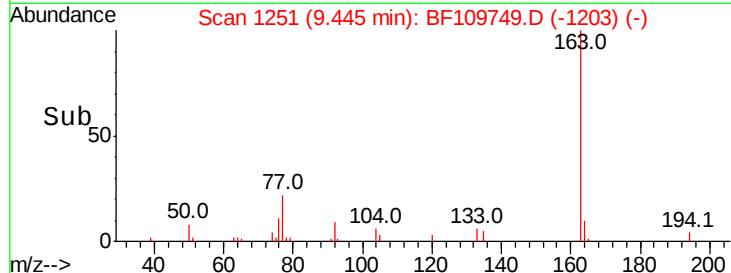
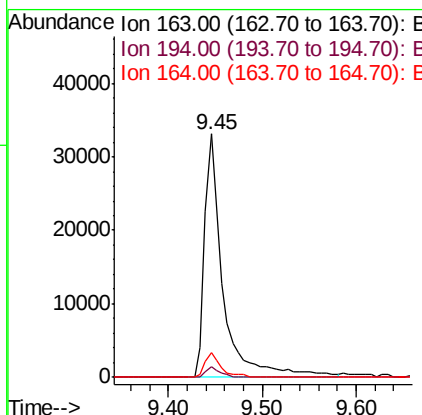
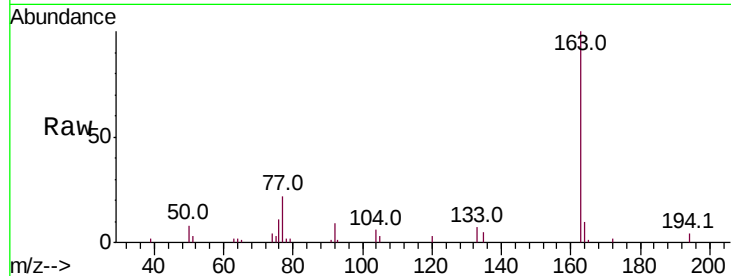




#49
Dimethylphthalate
Concen: 3.764 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

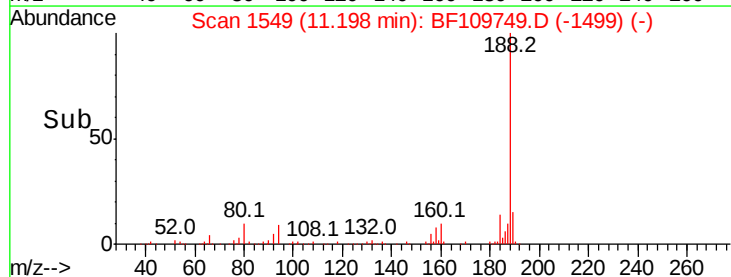
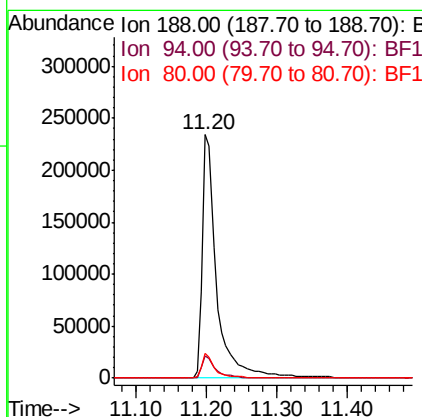
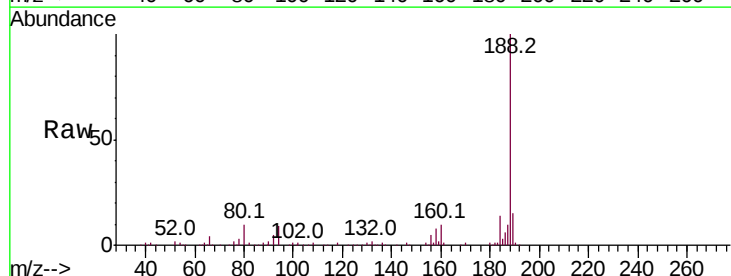
Instrument :
BNA_F
ClientSampleId :
SB-TW-4-(15.5-17)

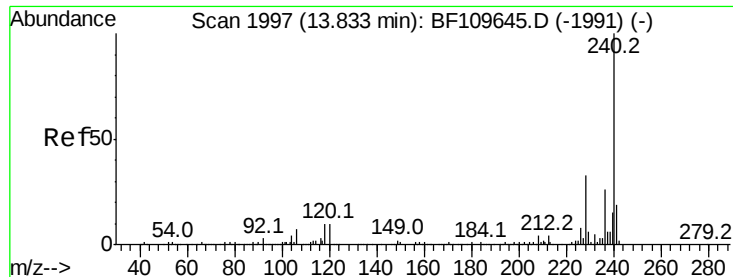
Tot Ion:163 Resp: 45834
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109749.D
Acq: 10 Oct 2018 18:23

Tgt Ion:188 Resp: 335487
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.3 7.9 11.9





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

Instrument :

BNA_F

ClientSampleId :

SB-TW-4-(15.5-17)

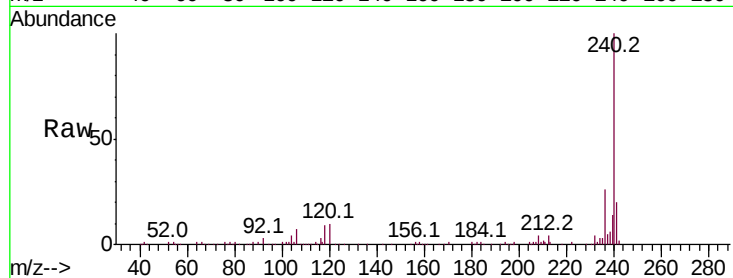
Tot Ion:240 Resp: 255989

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

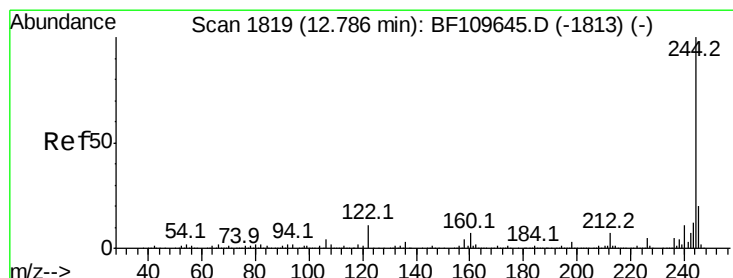
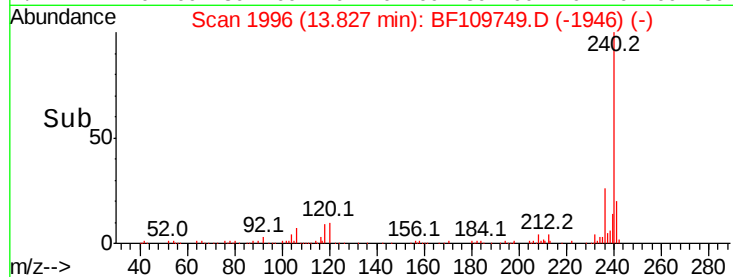
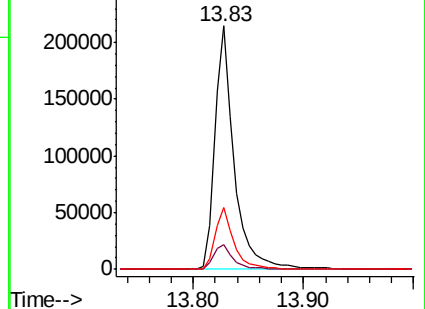
236 25.6 21.2 31.8



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: 59.140 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109749.D

Acq: 10 Oct 2018 18:23

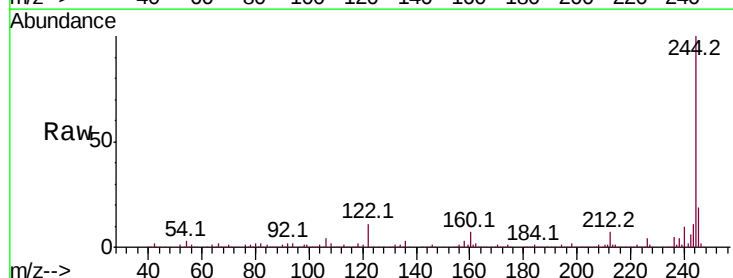
Tgt Ion:244 Resp: 782046

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

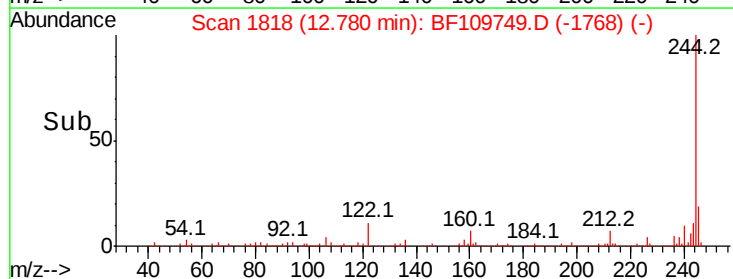
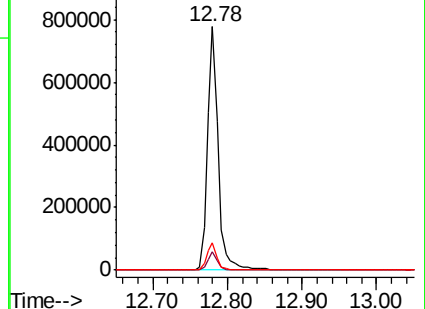
122 11.1 8.7 13.1

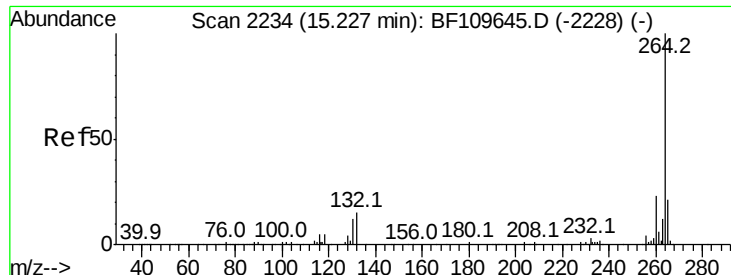


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

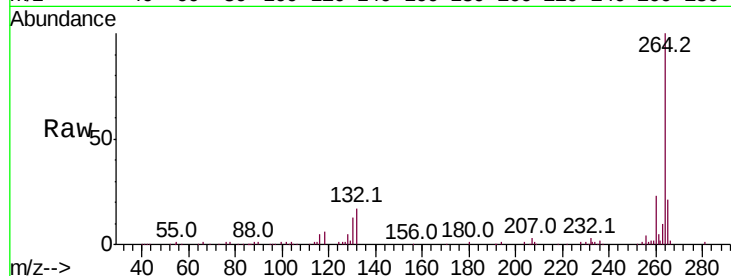




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109749.D
 Acq: 10 Oct 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-4-(15.5-17)

Tot Ion:264 Resp: 204069
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.2 16.7 25.1



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

