

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109559.D
 Acq On : 3 Oct 2018 20:55
 Operator : JU/SJ
 Sample : J5221-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Quant Time: Oct 04 03:21:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73164	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	243416	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	96962	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	199305	20.00	ng	0.00
75) Chrysene-d12	13.84	240	189252	20.00	ng	0.00
86) Perylene-d12	15.24	264	129623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	192457	43.33	ng	0.00
7) Phenol-d6	6.35	99	151559	26.74	ng	-0.01
23) Nitrobenzene-d5	7.27	82	453615	110.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	108214	113.21	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	755088	117.45	ng	-0.01
78) Terphenyl-d14	12.80	244	853363	110.66	ng	0.00

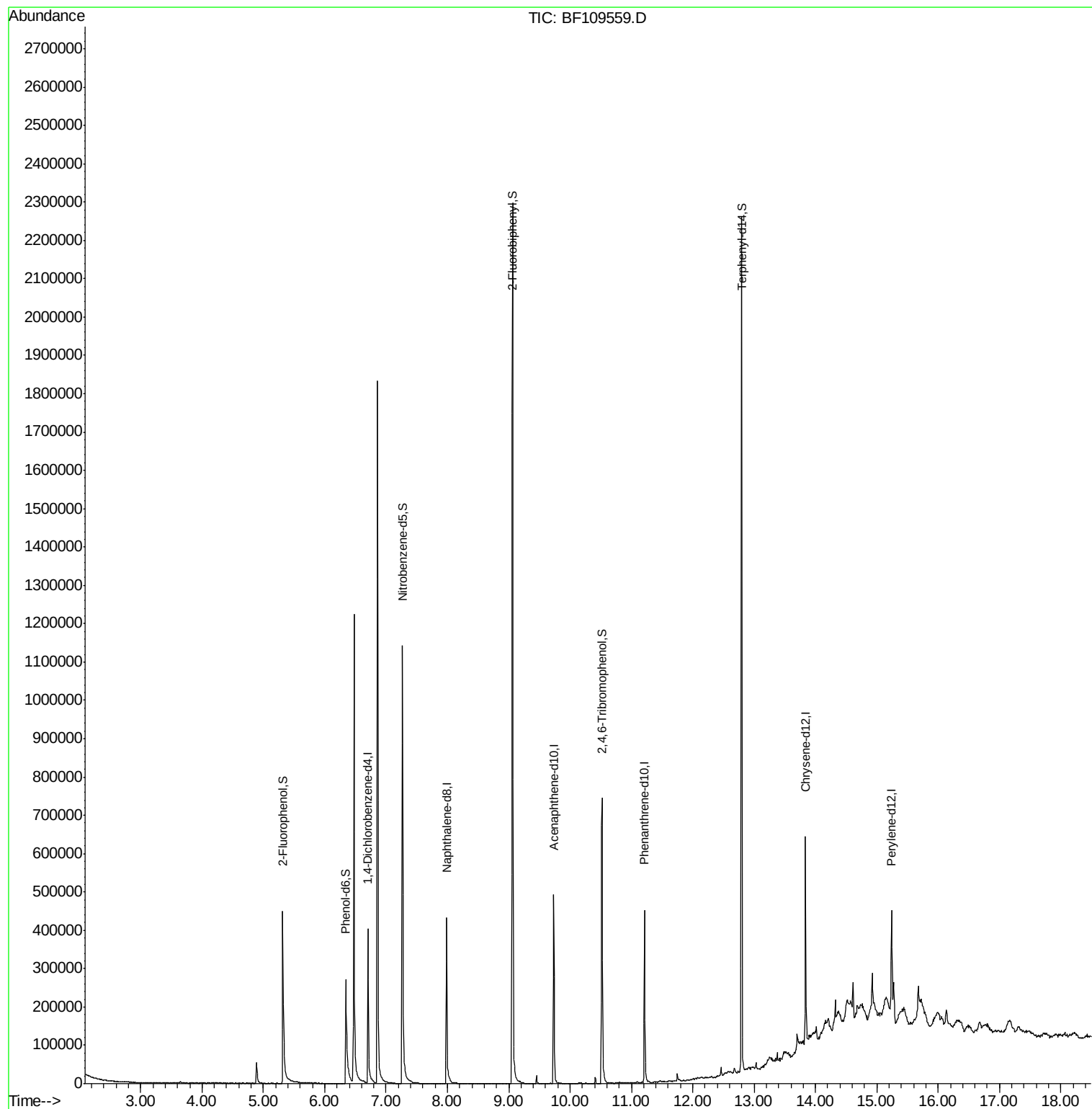
Target Compounds Qvalue

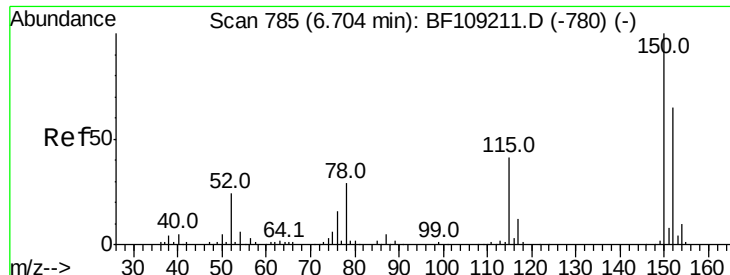
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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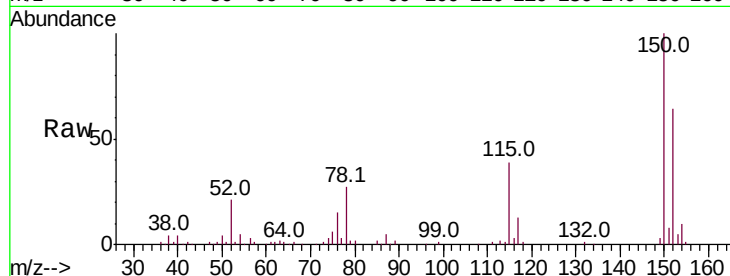


#1

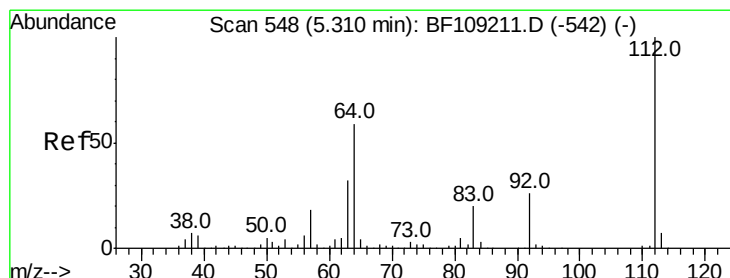
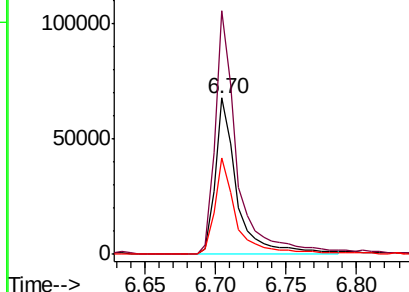
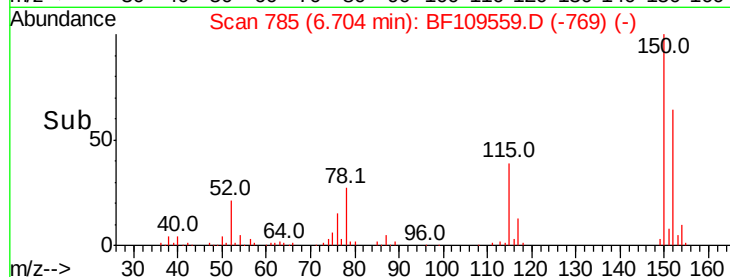
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-D-B

Tot Ion:152 Resp: 73164
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.3 50.1 75.1



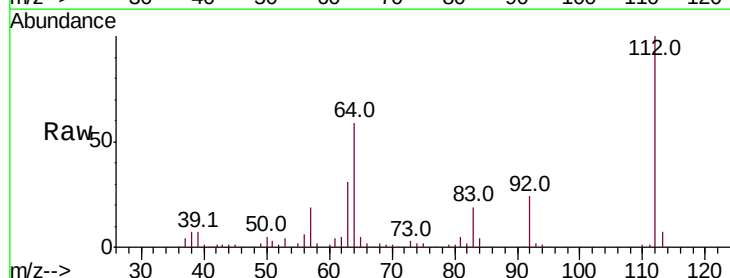
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



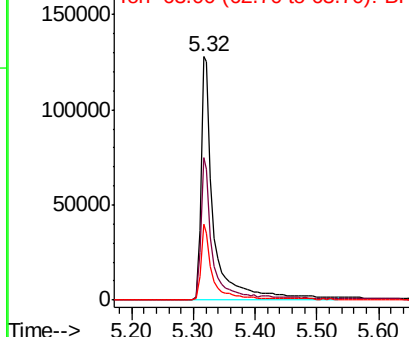
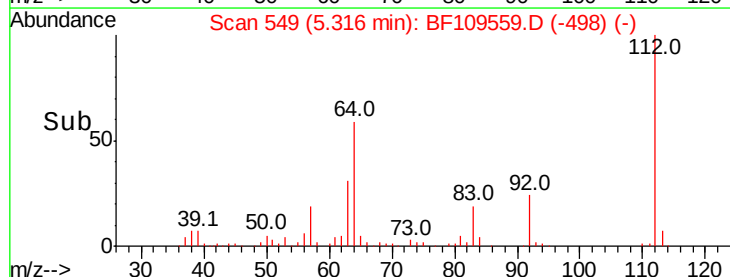
#5

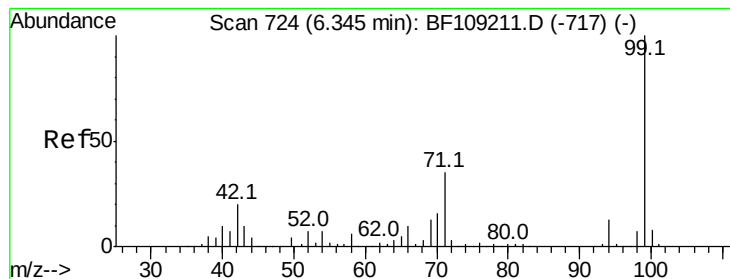
2-Fluorophenol
Concen: 43.326 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion:112 Resp: 192457
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 31.2 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: 26.738 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109559.D

Acq: 3 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-B

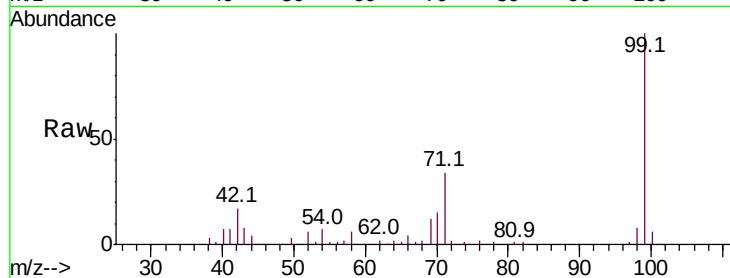
Tot Ion: 99 Resp: 151559

Ion Ratio Lower Upper

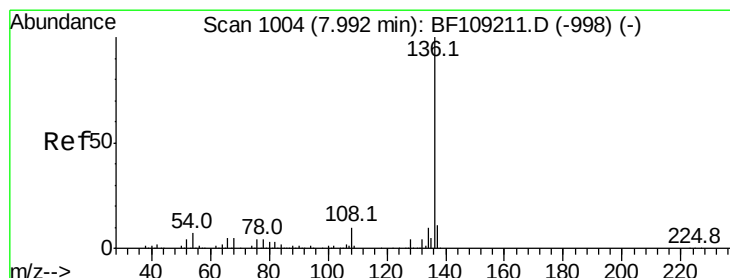
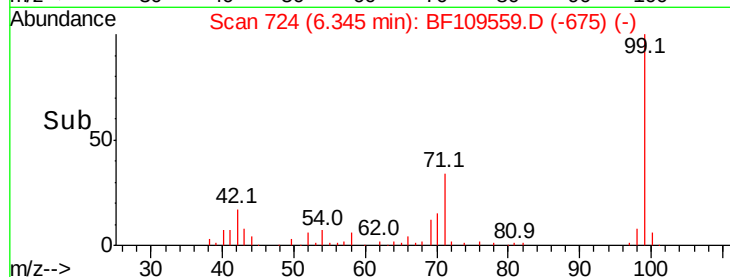
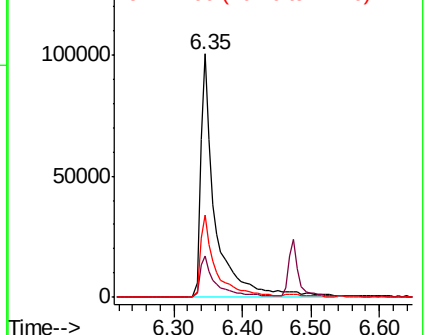
99 100

42 17.3 14.5 21.7

71 33.9 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109559.D

Acq: 3 Oct 2018 20:55

Tgt Ion: 136 Resp: 243416

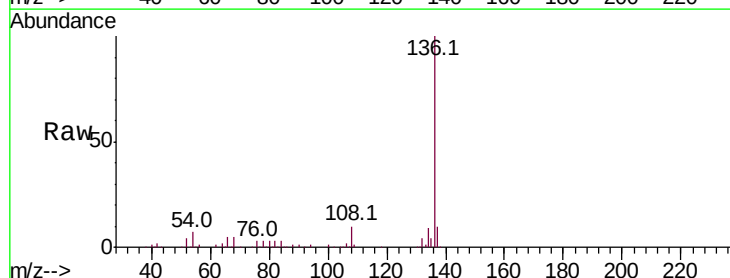
Ion Ratio Lower Upper

136 100

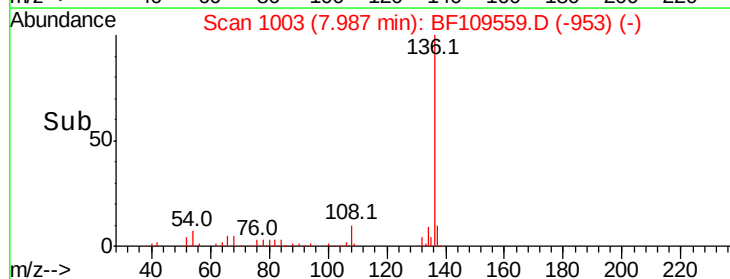
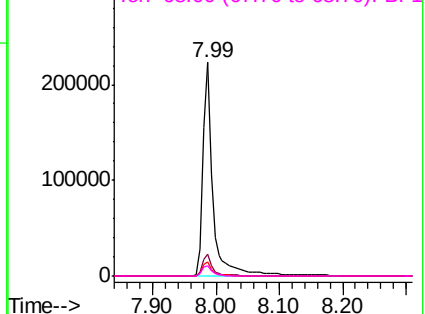
137 10.4 8.9 13.3

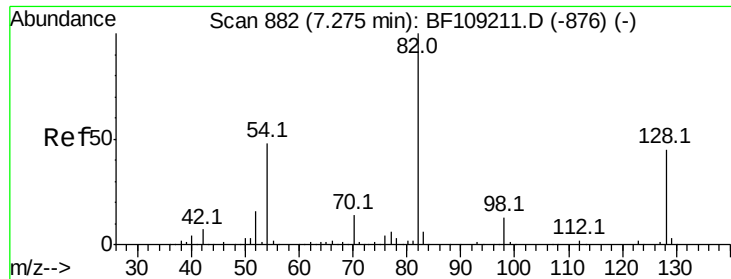
54 6.5 6.6 9.8#

68 5.0 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

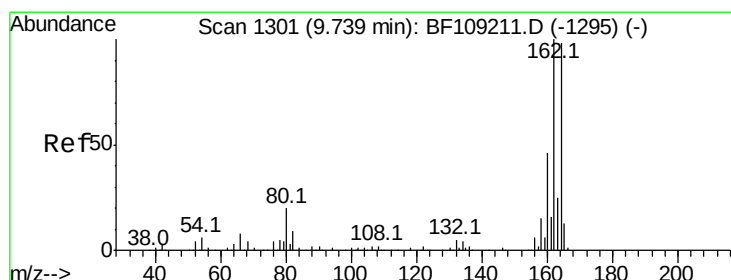
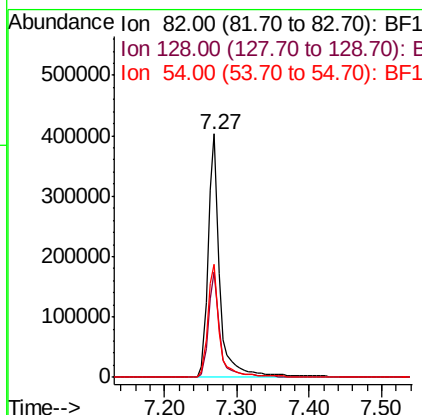
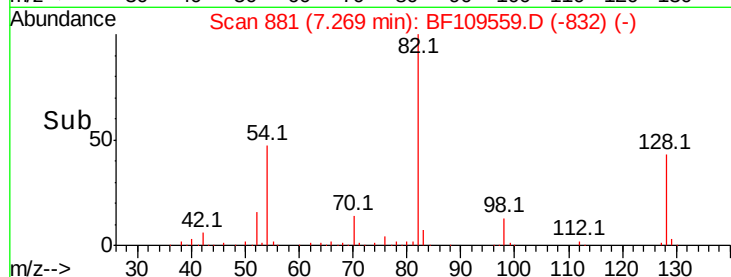
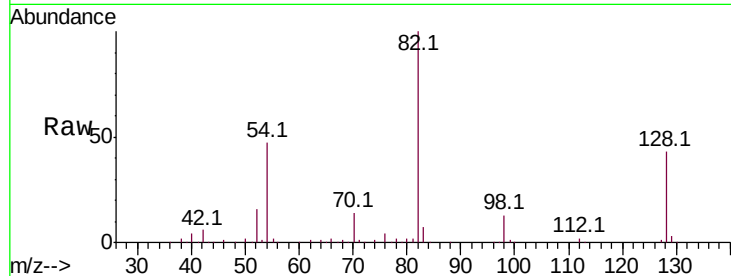




#23
 Nitrobenzene-d5
 Concen: 110.007 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

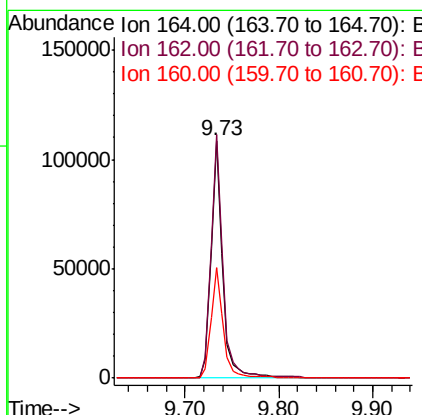
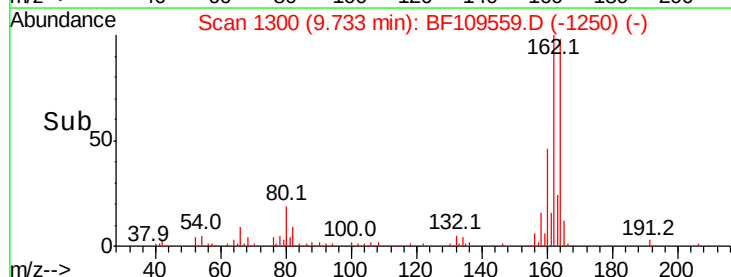
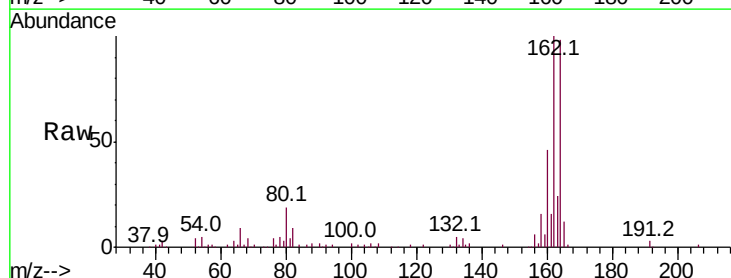
Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

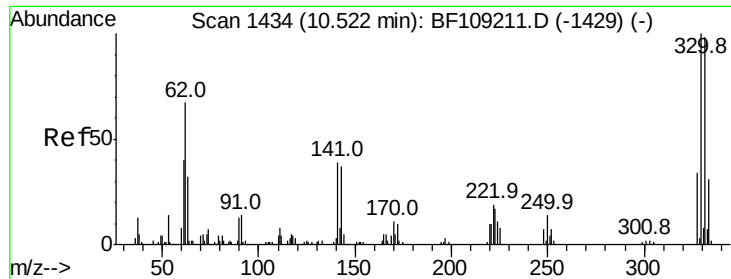
Tot Ion: 82 Resp: 453615
 Ion Ratio Lower Upper
 82 100
 128 43.3 36.1 54.1
 54 46.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion:164 Resp: 96962
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 46.6 38.3 57.5

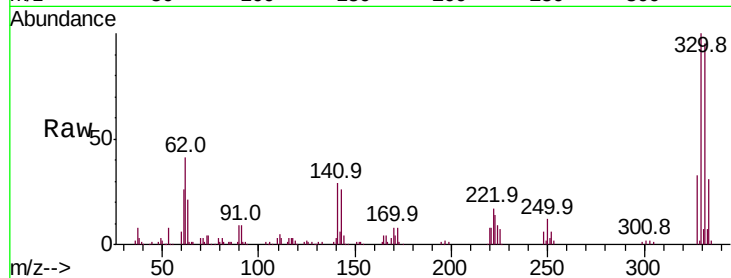




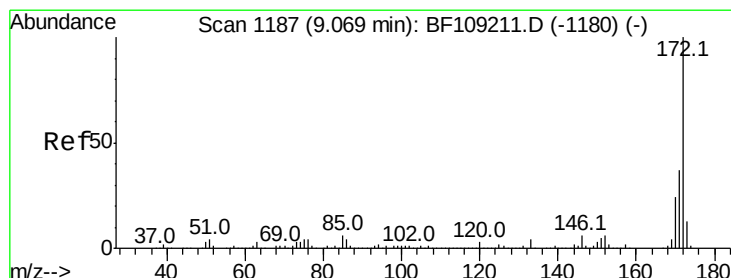
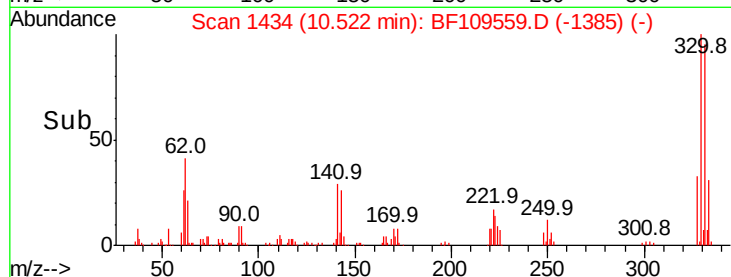
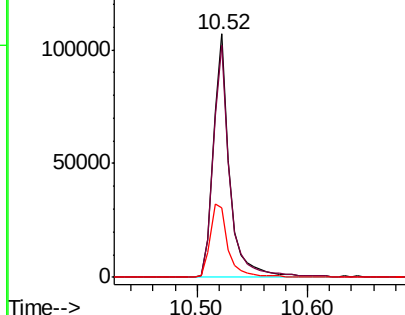
#41
 2,4,6-Tribromophenol
 Concen: 113.213 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.4	29.9	44.9

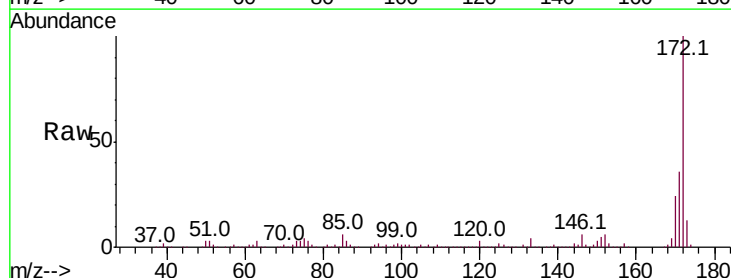


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

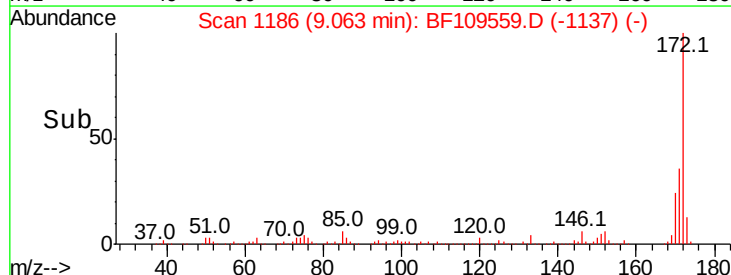
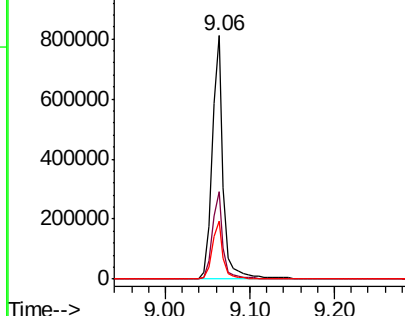


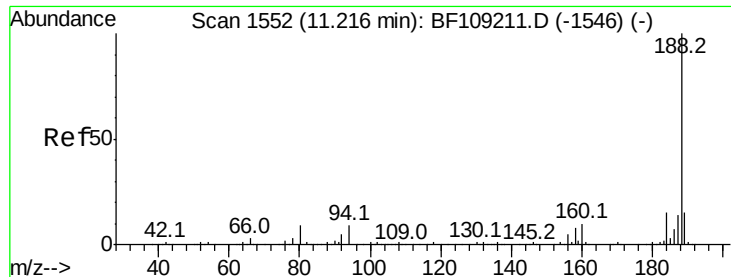
#44
 2-Fluorobiphenyl
 Concen: 117.450 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	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

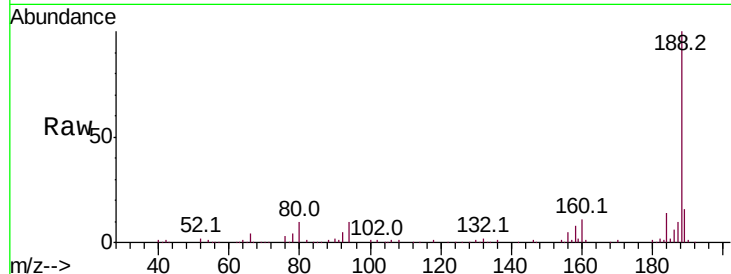




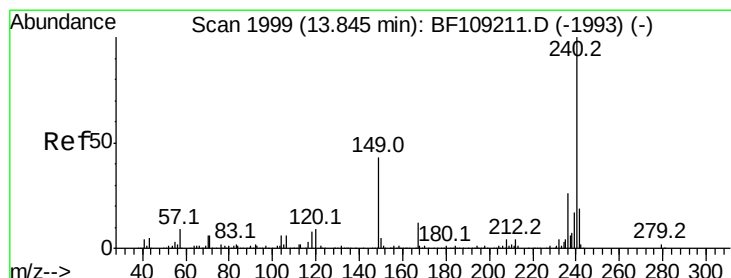
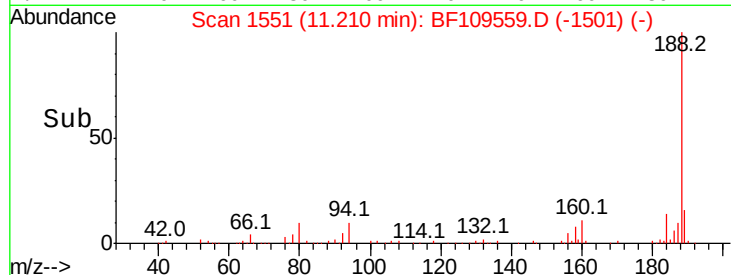
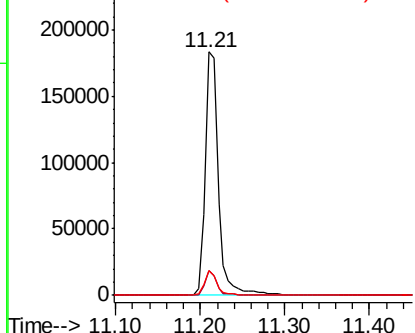
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.3	9.2	13.8

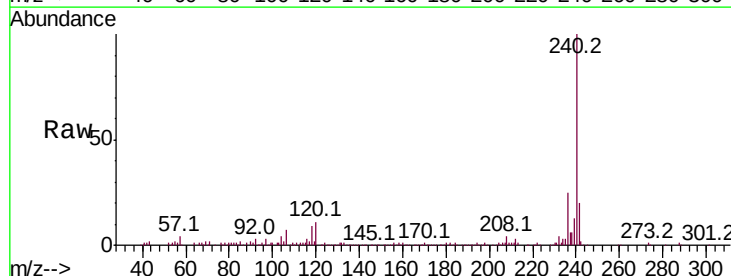


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

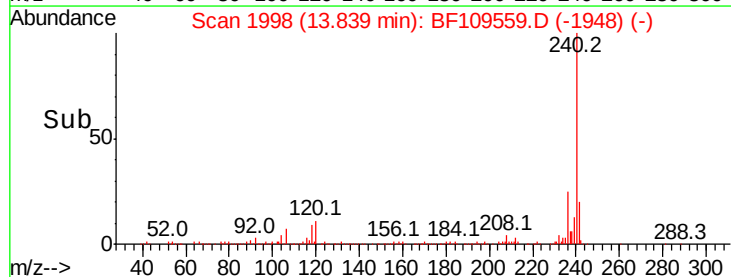
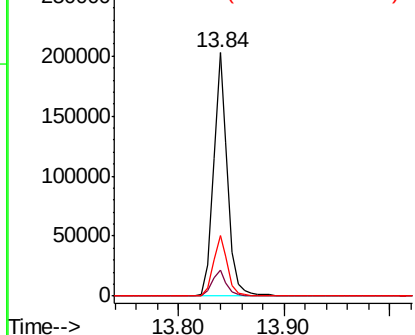


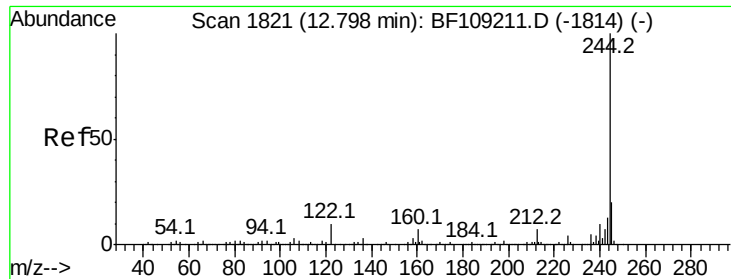
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109559.D
Acq: 3 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.0	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

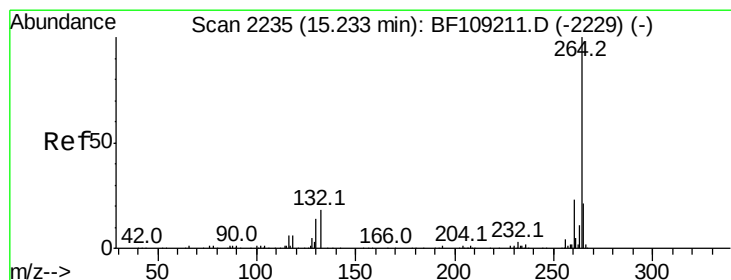
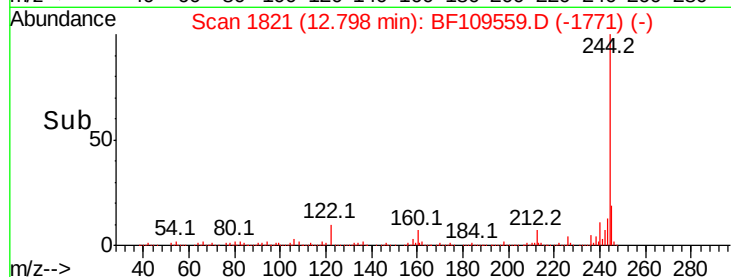
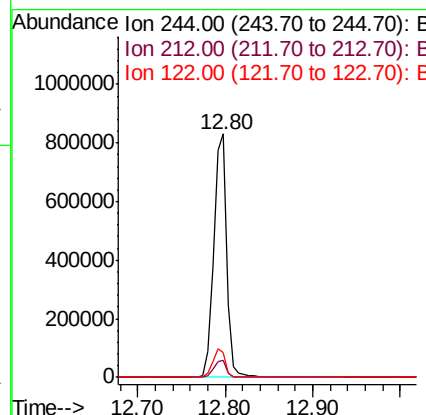
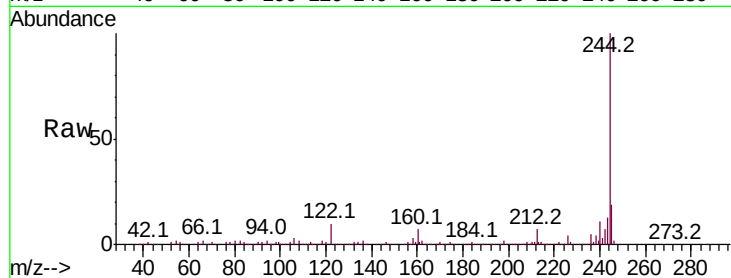




#78
 Terphenyl-d14
 Concen: 110.662 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Instrument :
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 ClientSampleId :
 100118-JETT-E-D-B

Tot Ion:244 Resp: 853363
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109559.D
 Acq: 3 Oct 2018 20:55

Tgt Ion:264 Resp: 129623
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.7 17.5 26.3

