

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109602.D
 Acq On : 4 Oct 2018 22:03
 Operator : JU/SJ
 Sample : J5214-04 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48719

Quant Time: Oct 05 02:19:10 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	6.73	152	66077	20.00	ng	0.02
21) Naphthalene-d8	8.02	136	176033	20.00	ng	0.03
38) Acenaphthene-d10	9.76	164	121515	20.00	ng	0.02
63) Phenanthrene-d10	11.22	188	199195	20.00	ng	0.00
75) Chrysene-d12	13.84	240	181368	20.00	ng	0.00
86) Perylene-d12	15.24	264	195260	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	3904	0.97	ng	0.01
7) Phenol-d6	6.35	99	50996	9.96	ng	-0.01
23) Nitrobenzene-d5	7.32	82	100306	33.64	ng	0.04
41) 2,4,6-Tribromophenol	10.55	330	6750	5.63	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	35537	4.41	ng	0.00
78) Terphenyl-d14	12.79	244	28272	3.83	ng	-0.01

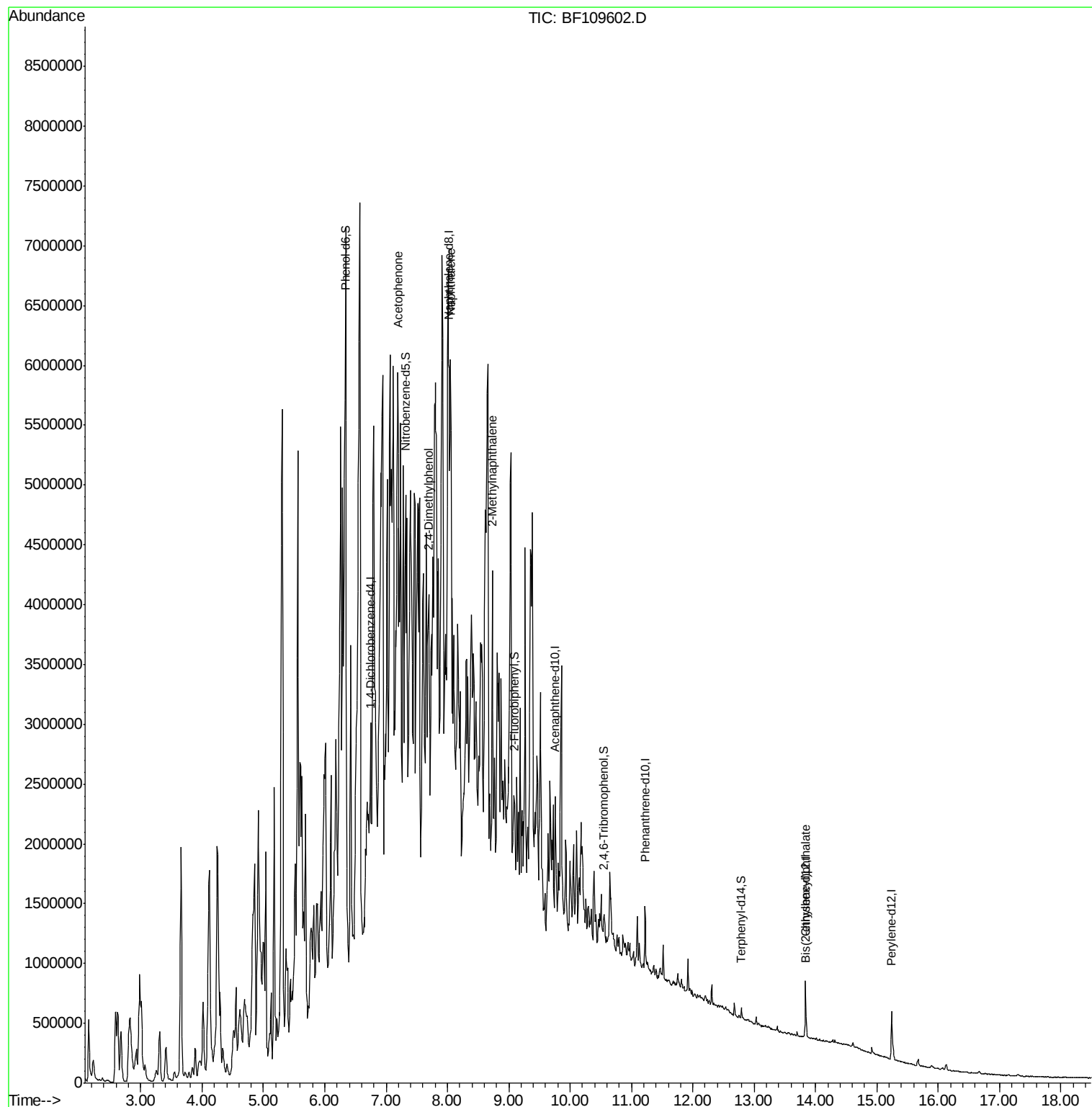
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	7.19	105	2388158	586.793	ng	96
27) 2,4-Dimethylphenol	7.69	122	182033	77.799	ng	# 77
31) Naphthalene	8.06	128	1738805	211.380	ng	98
37) 2-Methylnaphthalene	8.73	142	703970	132.752	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.83	149	25850	3.706	ng	97

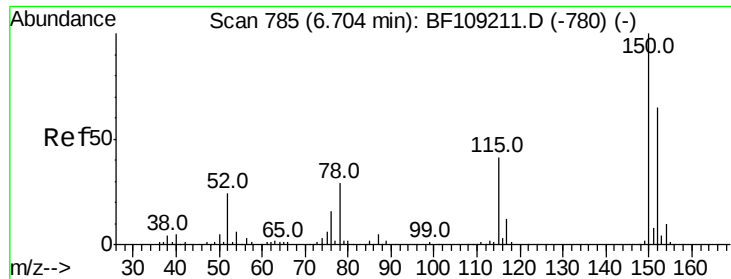
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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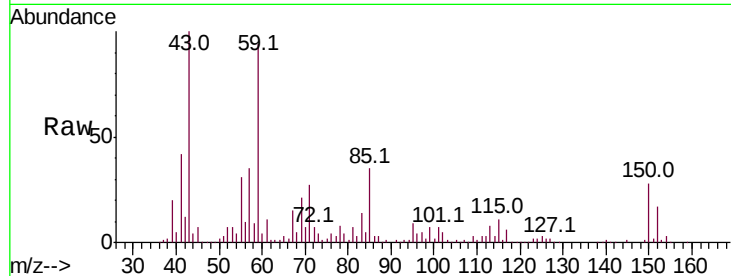


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF109602.D
Acq: 4 Oct 2018 22:03

Instrument :
BNA_F
ClientSampleId :
N48719

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	64.9	50.1	75.1

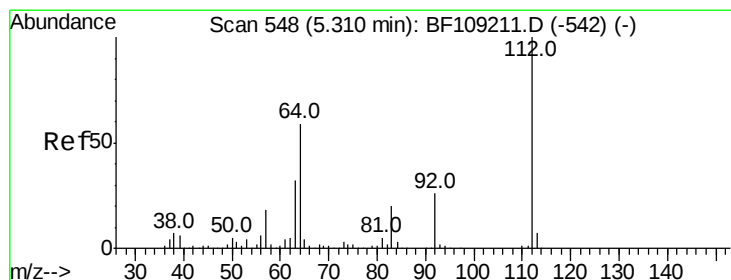
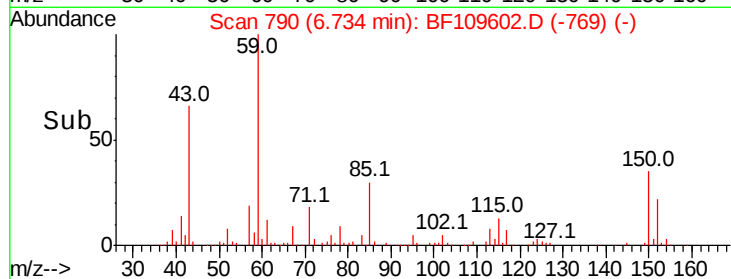
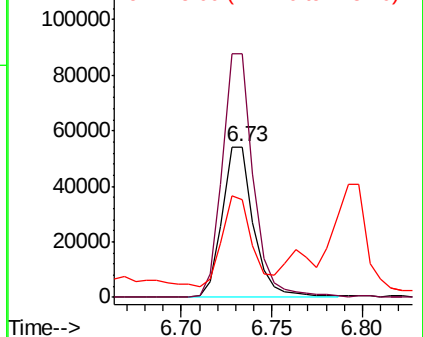


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

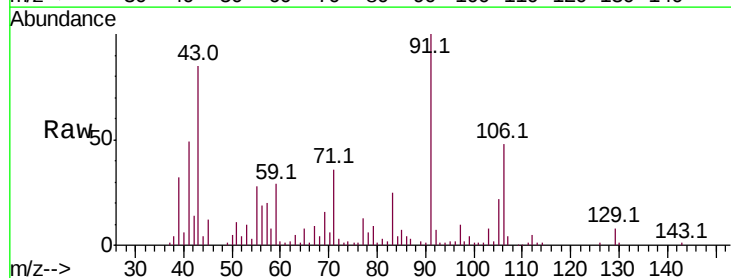
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.973 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109602.D
Acq: 4 Oct 2018 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	22.9	47.9	71.9#
63	110.8	23.7	35.5#

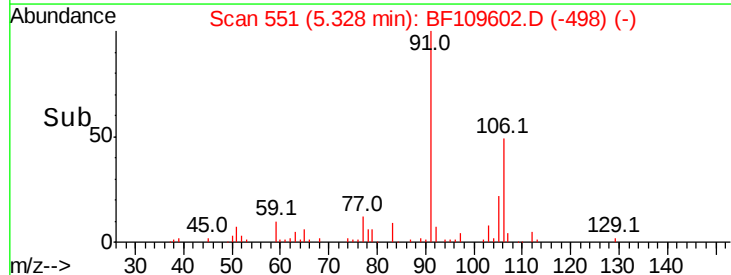
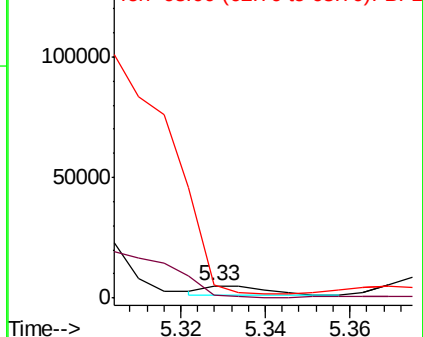


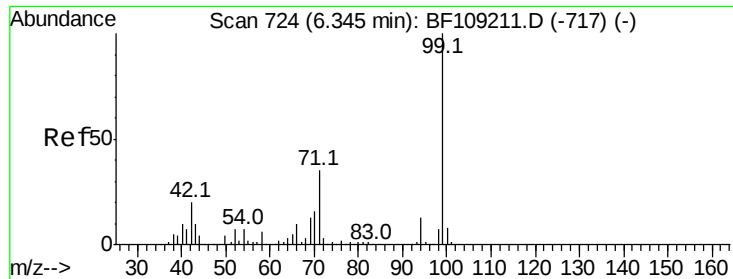
Abundance

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: 9.962 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :

BNA_F

ClientSampled :

N48719

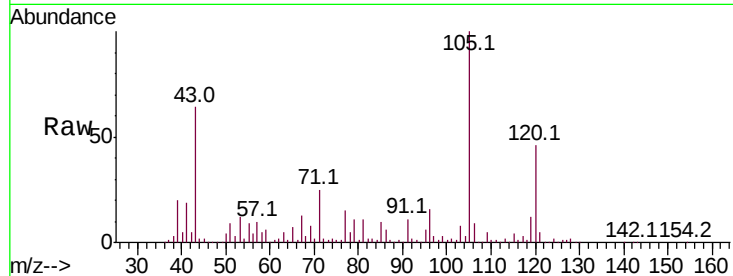
Tot Ion: 99 Resp: 50996

Ion Ratio Lower Upper

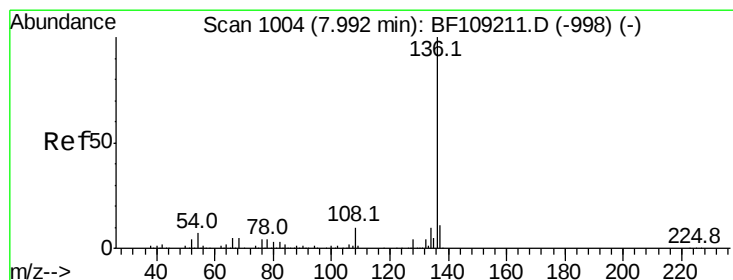
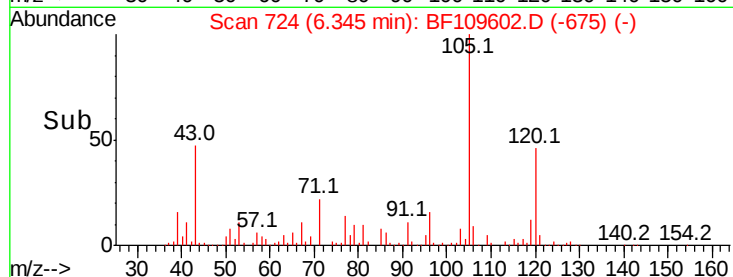
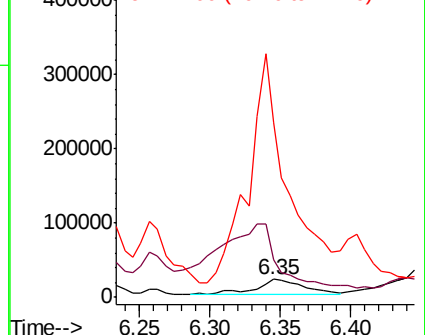
99 100

42 208.5 14.5 21.7#

71 967.8 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: 8.02 min Scan# 1009

Delta R.T. 0.03 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Tgt Ion: 136 Resp: 176033

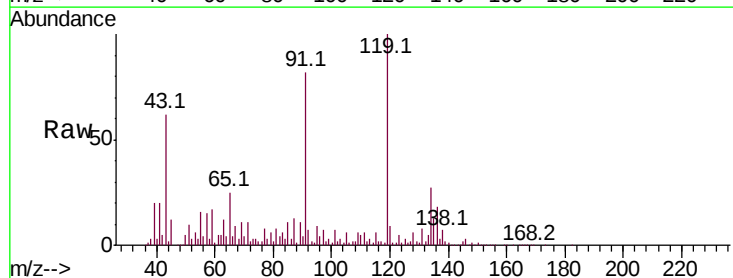
Ion Ratio Lower Upper

136 100

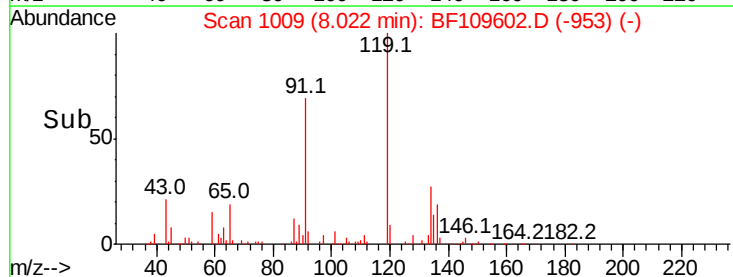
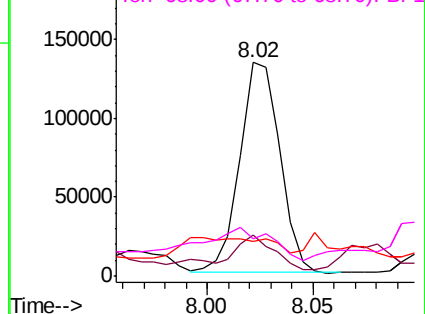
137 18.9 8.9 13.3#

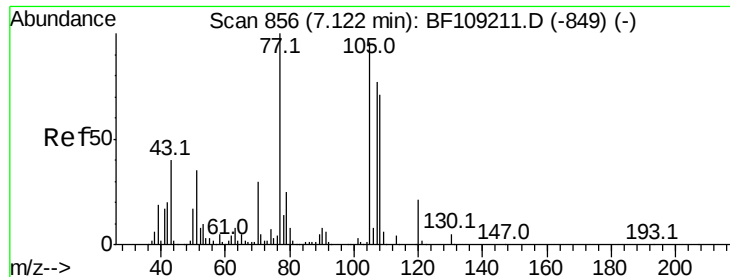
54 15.9 6.6 9.8#

68 17.6 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





#22

Acetophenone

Concen: 586.793 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.06 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :

BNA_F

ClientSampleId :

N48719

Tot Ion:105 Resp: 2388158

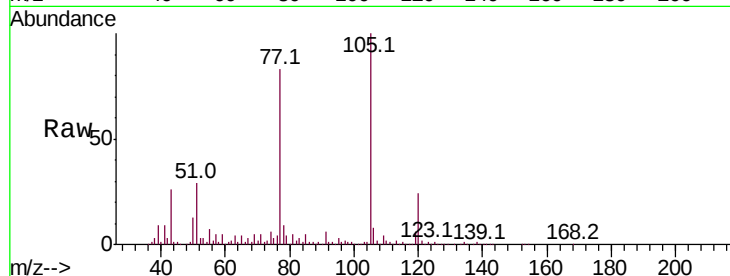
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 29.2 22.3 33.5

120 24.5 16.9 25.3

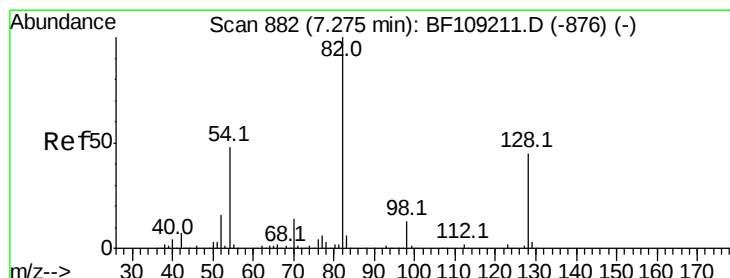
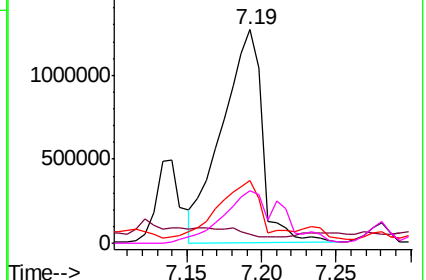
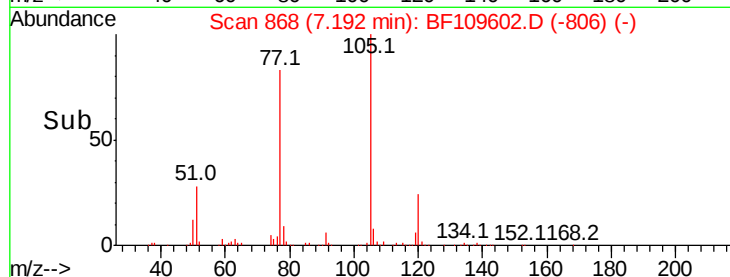


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 33.637 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.04 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

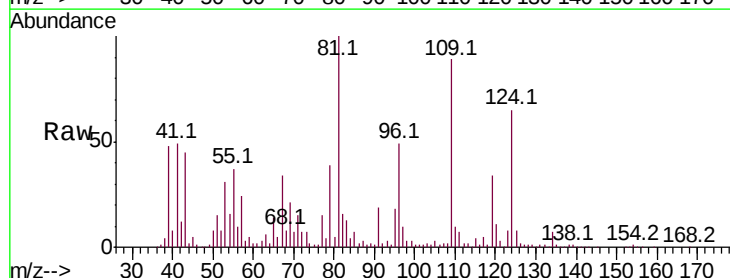
Tgt Ion: 82 Resp: 100306

Ion Ratio Lower Upper

82 100

128 8.5 36.1 54.1#

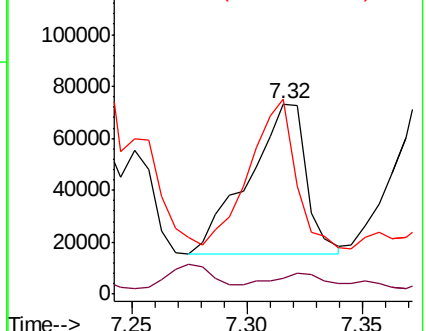
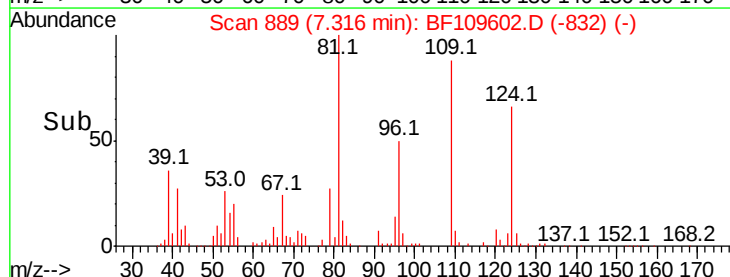
54 102.4 41.4 62.2#

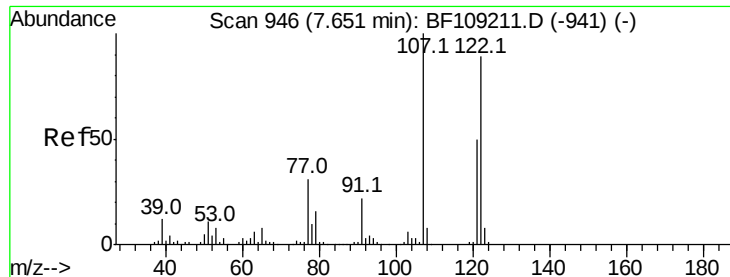


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 77.799 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.04 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :

BNA_F

ClientSampleId :

N48719

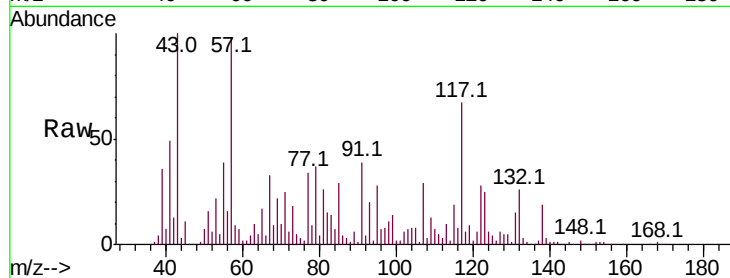
Tot Ion:122 Resp: 182033

Ion Ratio Lower Upper

122 100

107 105.5 91.2 136.8

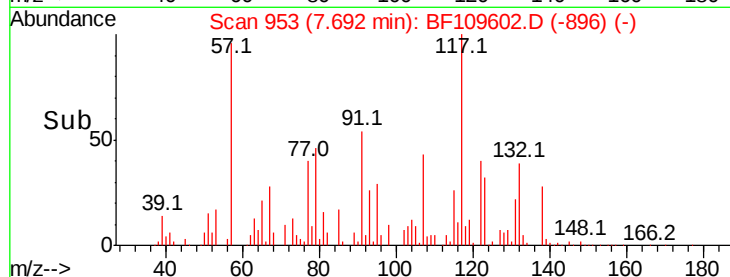
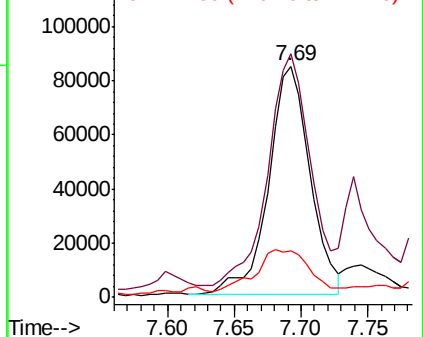
121 20.1 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 211.380 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.04 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

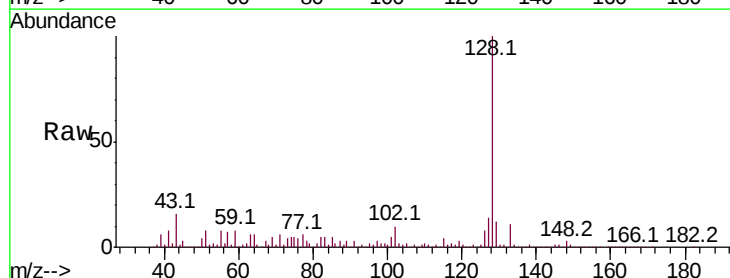
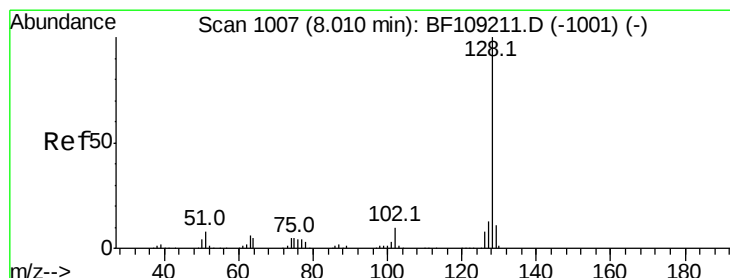
Tgt Ion:128 Resp: 1738805

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

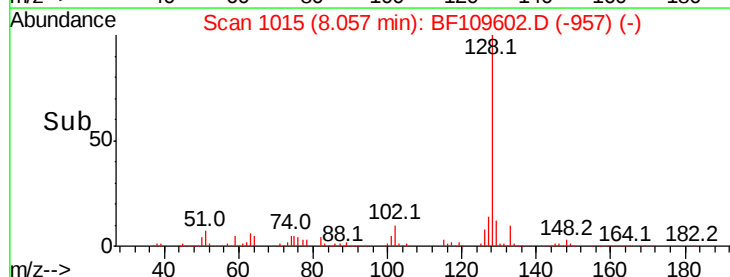
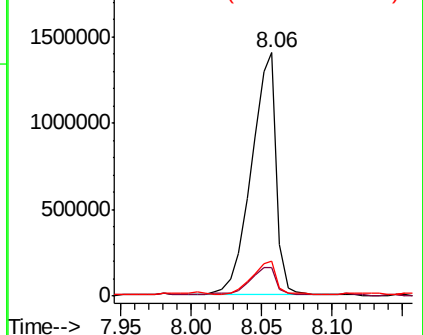
127 14.2 10.9 16.3

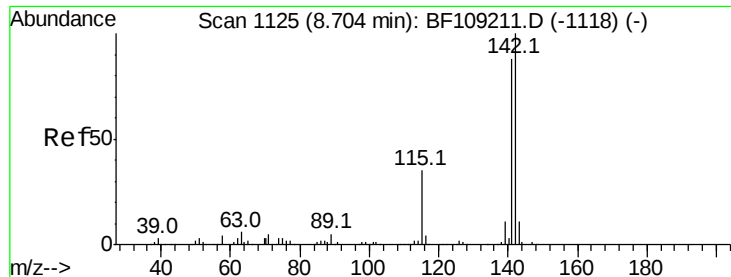


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 132.752 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.03 min

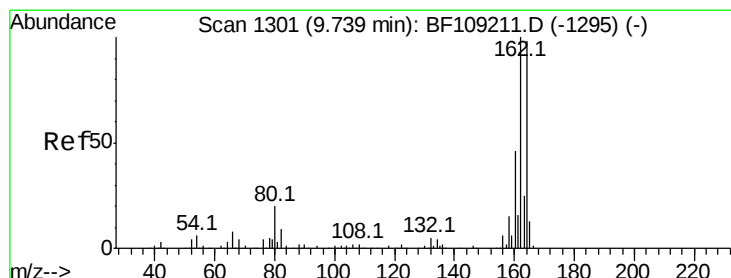
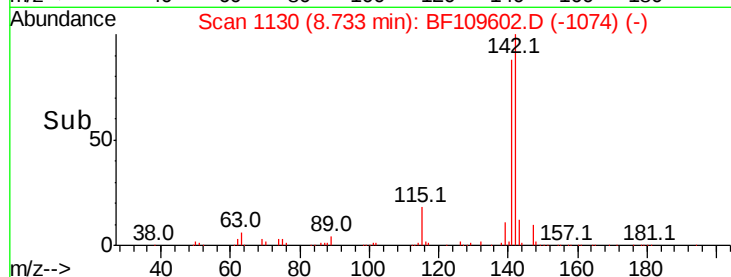
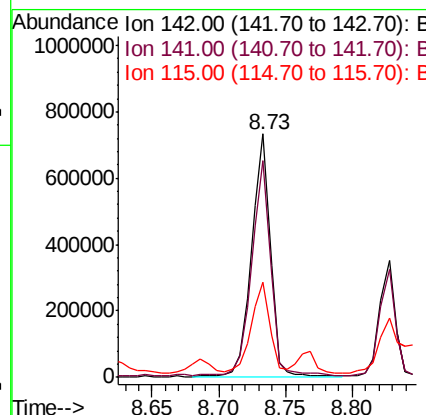
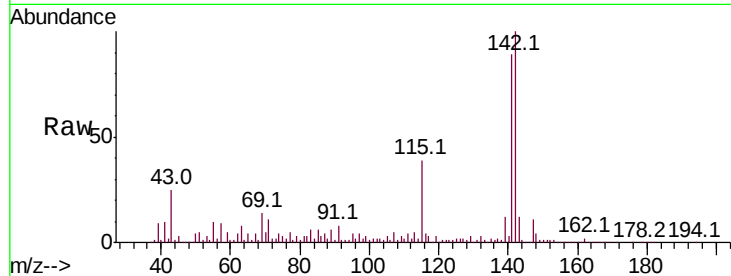
Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :
BNA_F
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N48719

Tot Ion:142 Resp: 703970

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	39.2	26.1	39.1#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

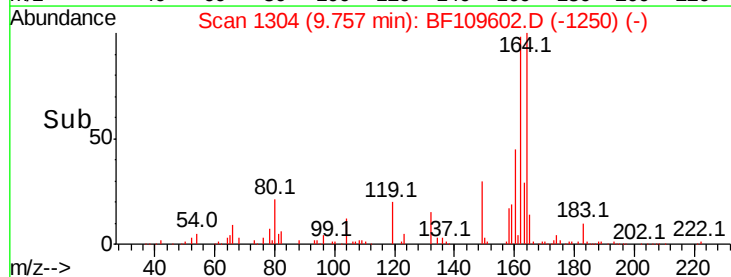
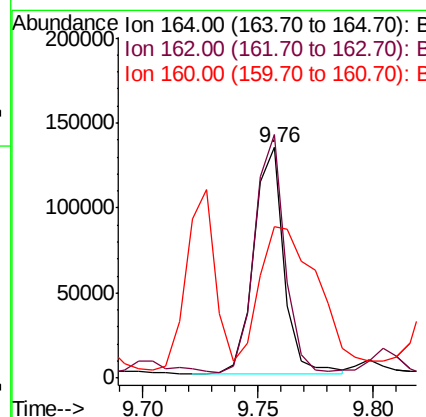
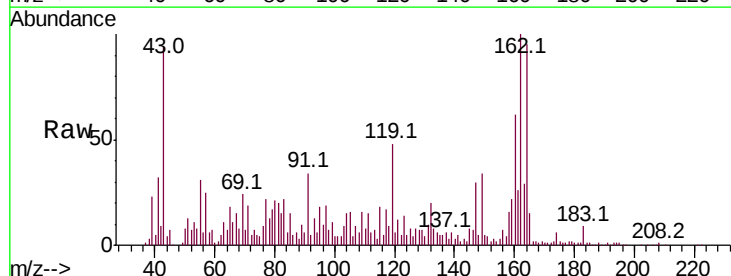
Delta R.T. 0.02 min

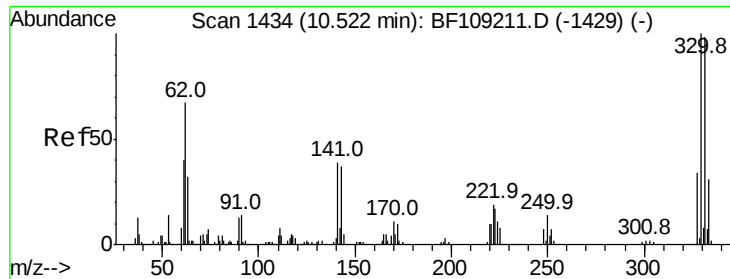
Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Tgt Ion:164 Resp: 121515

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	65.7	38.3	57.5#

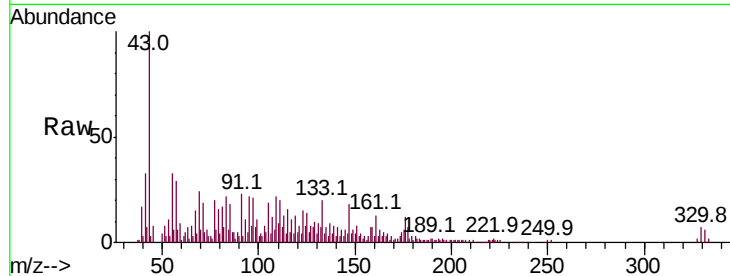




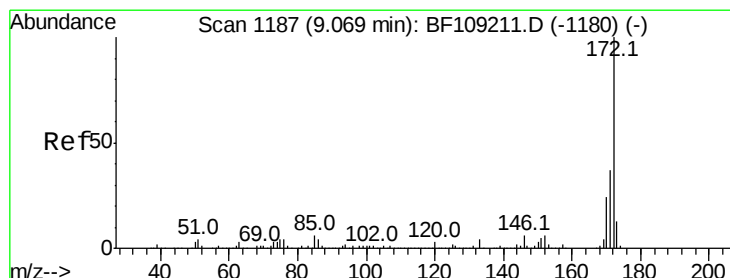
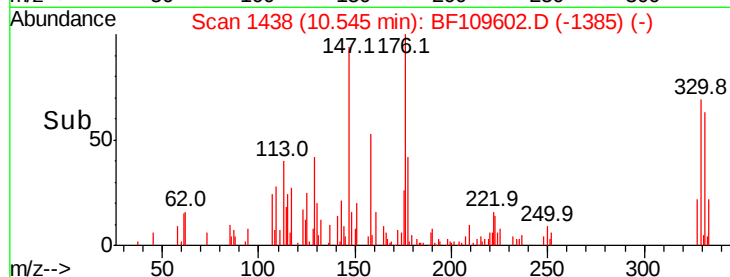
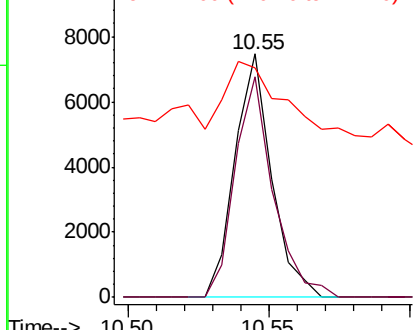
#41
 2,4,6-Tribromophenol
 Concen: 5.635 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF109602.D
 Acq: 4 Oct 2018 22:03

Instrument :
 BNA_F
 ClientSampled :
 N48719

Tot Ion:330 Resp: 6750
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 61.7 29.9 44.9#

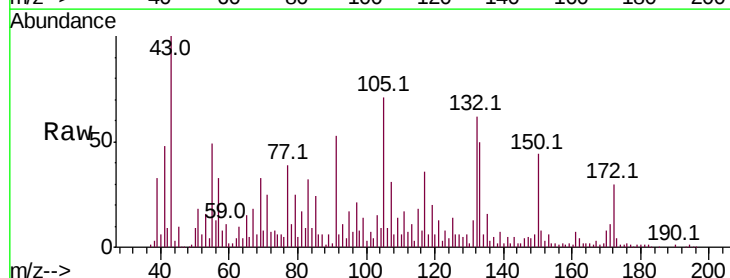


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

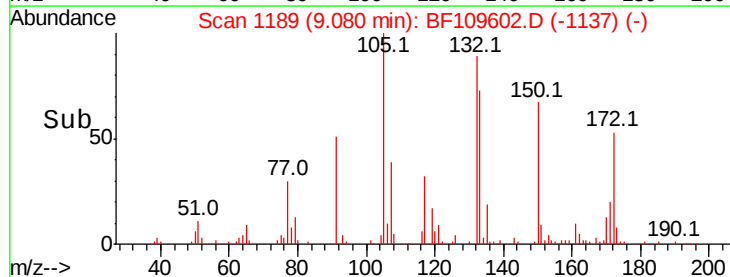
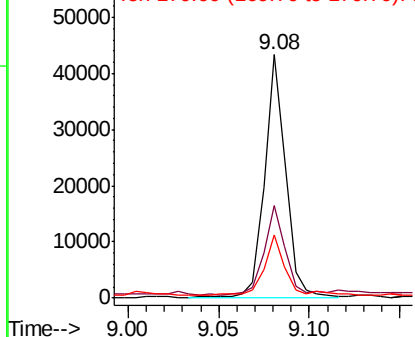


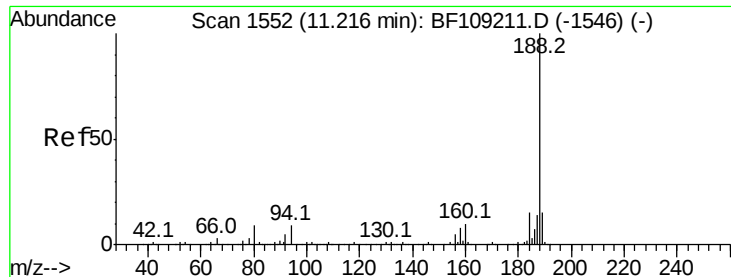
#44
 2-Fluorobiphenyl
 Concen: 4.411 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF109602.D
 Acq: 4 Oct 2018 22:03

Tgt Ion:172 Resp: 35537
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 25.9 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :

BNA_F

ClientSampleId :

N48719

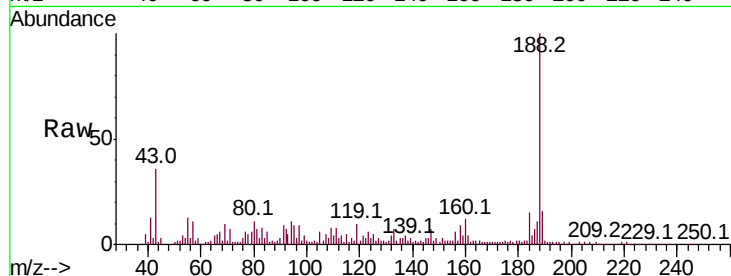
Tot Ion:188 Resp: 199195

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

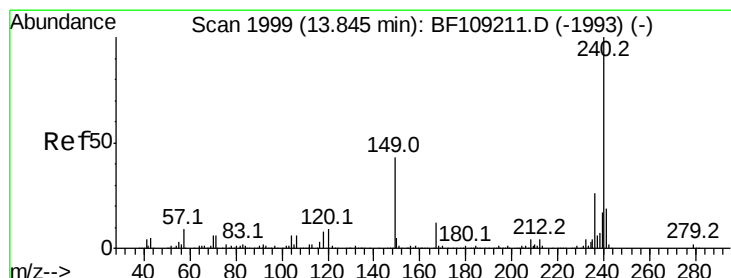
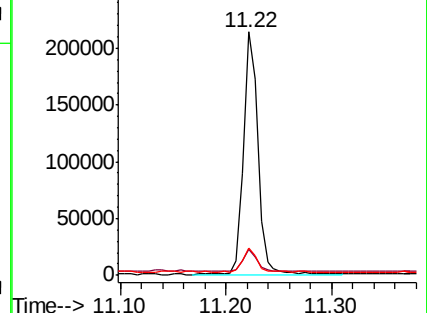
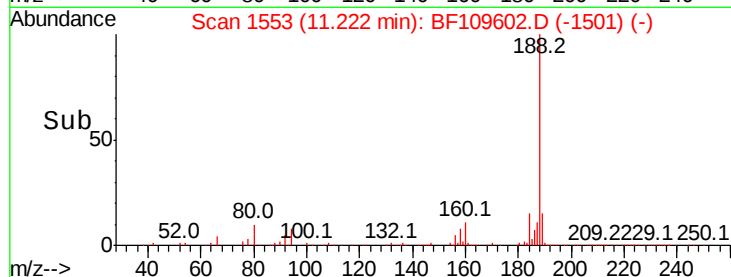
80 11.4 9.2 13.8



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# 1999

Delta R.T. 0.00 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

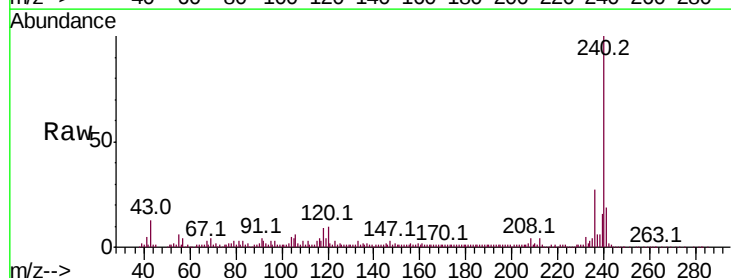
Tgt Ion:240 Resp: 181368

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

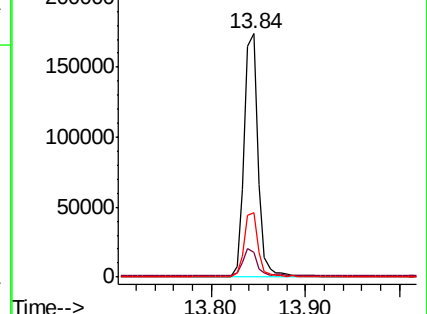
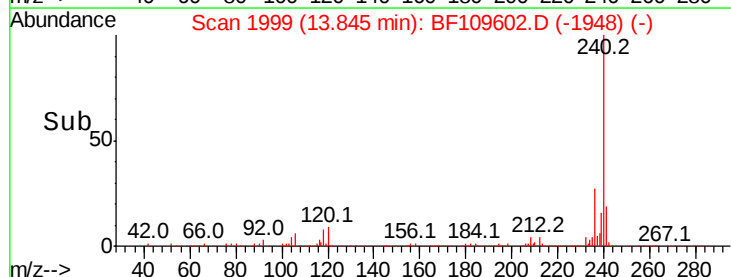
236 26.7 20.7 31.1

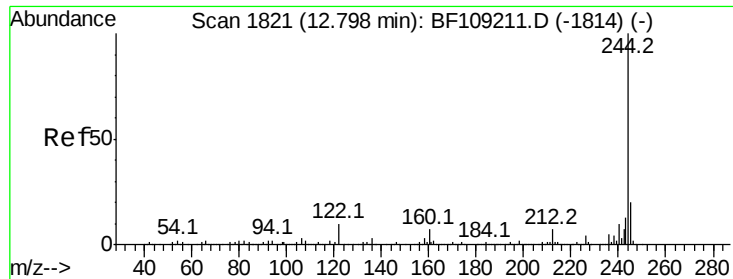


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 3.826 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

Instrument :

BNA_F

ClientSampleId :

N48719

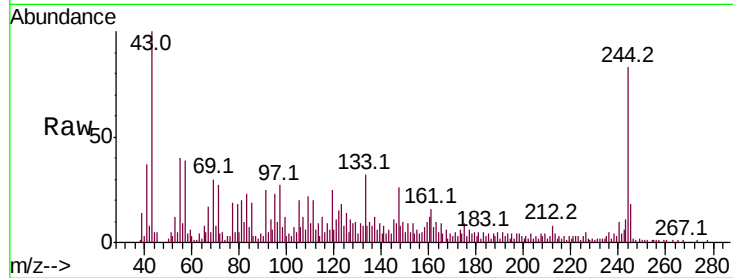
Tot Ion:244 Resp: 28272

Ion Ratio Lower Upper

244 100

212 9.4 5.4 8.0#

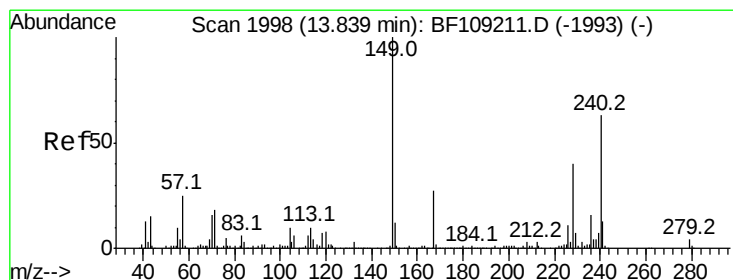
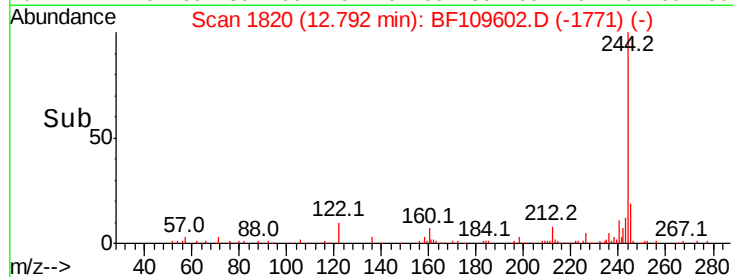
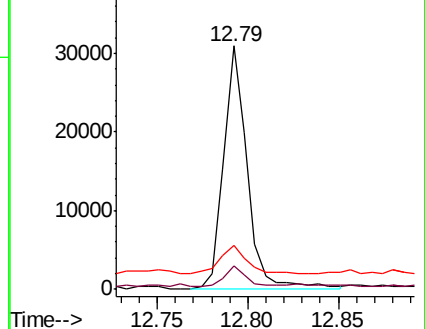
122 18.0 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.706 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109602.D

Acq: 4 Oct 2018 22:03

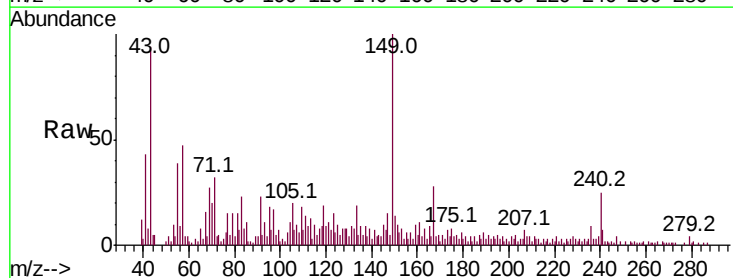
Tgt Ion:149 Resp: 25850

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

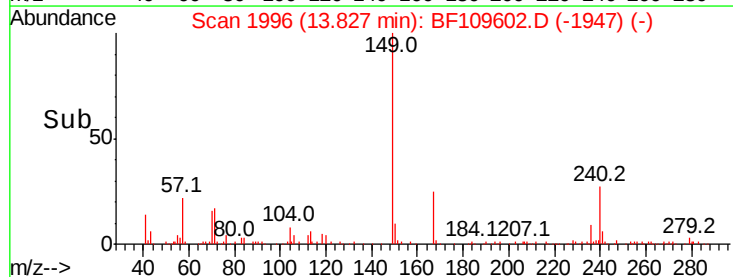
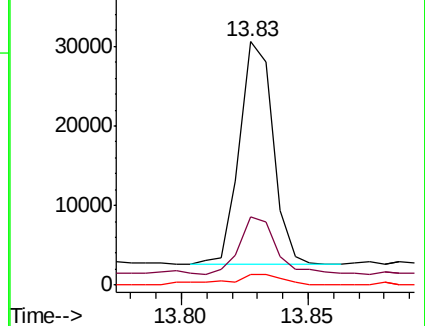
279 4.2 3.0 4.4

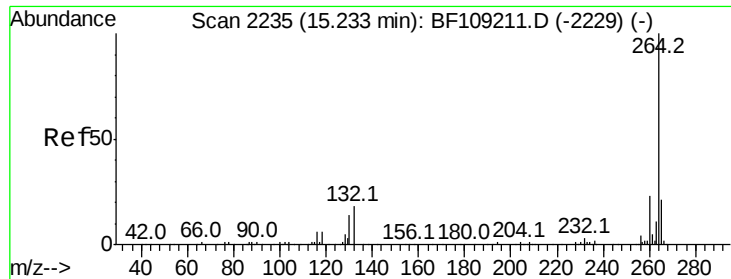


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109602.D
Acq: 4 Oct 2018 22:03

Instrument :
BNA_F
ClientSampleId :
N48719

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

