

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109934.D
 Acq On : 17 Oct 2018 21:42
 Operator : JU/SJ
 Sample : J5539-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Oct 18 11:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

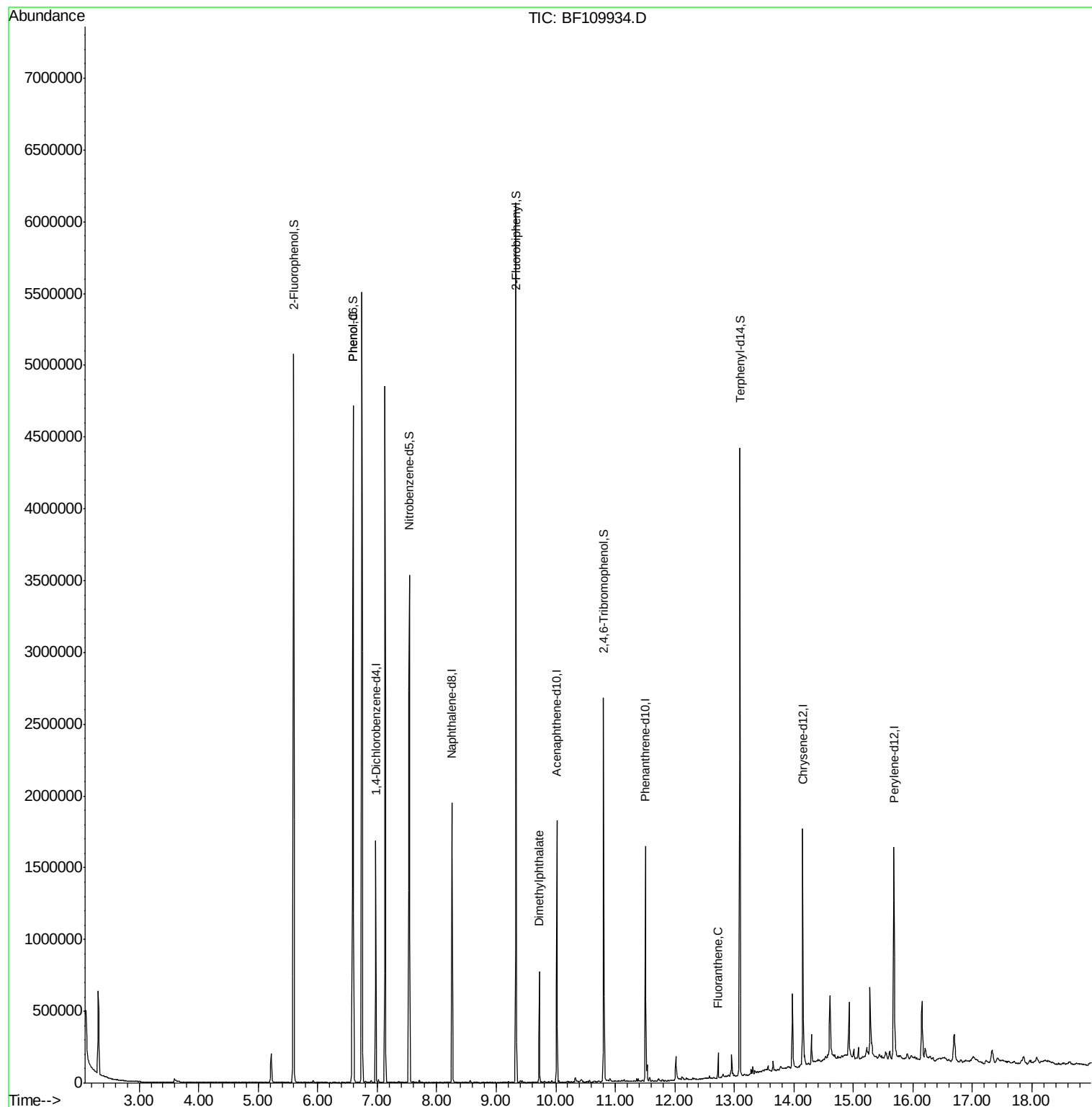
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	231938	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	845399	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	344603	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	539664	20.00	ng	0.00
76) Chrysene-d12	14.15	240	525367	20.00	ng	-0.01
87) Perylene-d12	15.68	264	518055	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1438683	98.32	ng	0.00
7) Phenol-d6	6.60	99	1814892	99.89	ng	0.00
23) Nitrobenzene-d5	7.54	82	1076674	85.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	324335	108.71	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1806743	83.66	ng	0.00
79) Terphenyl-d14	13.09	244	1456141	58.20	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	106873	5.448	ng	Qvalue # 67
50) Dimethylphthalate	9.72	163	261289	10.708	ng	99
75) Fluoranthene	12.73	202	60944	2.184	ng	98

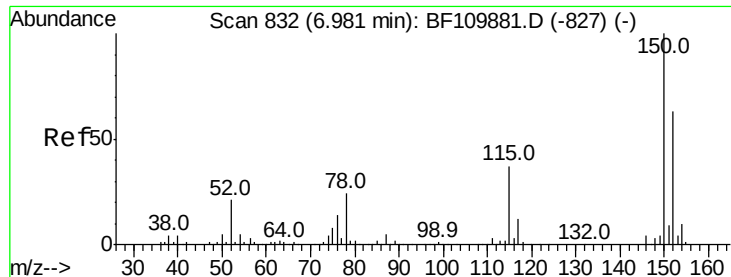
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 11:29:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



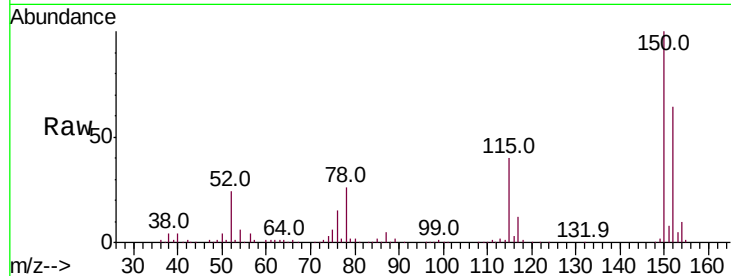


#1

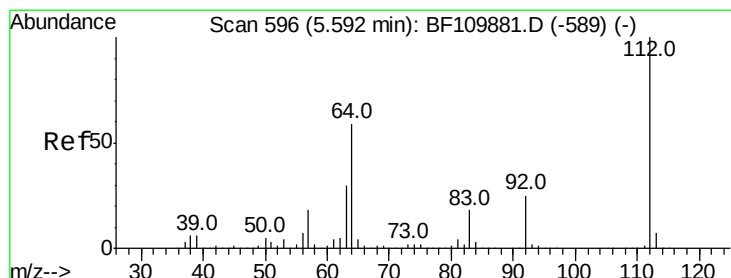
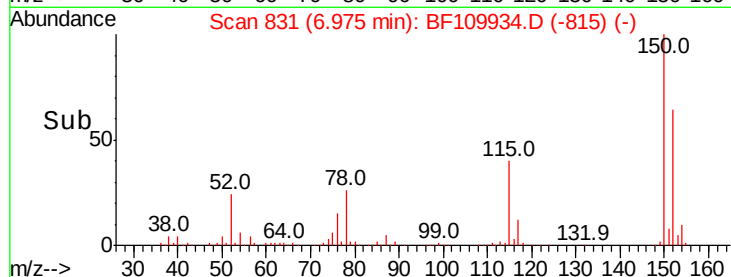
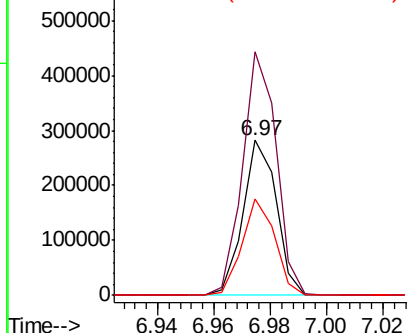
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion:152 Resp: 231938
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.4 49.1 73.7



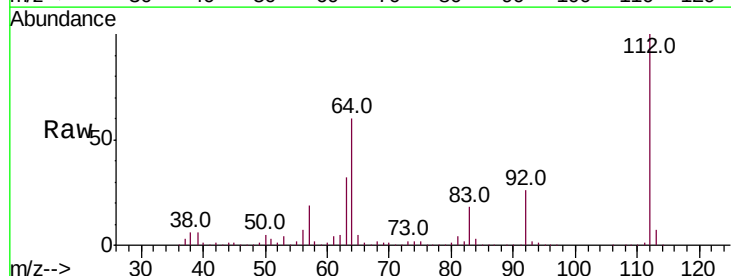
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



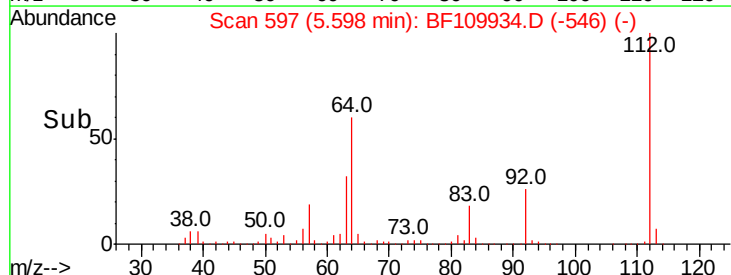
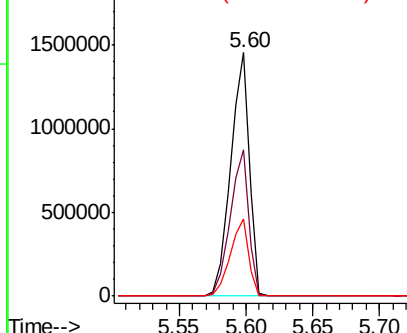
#5

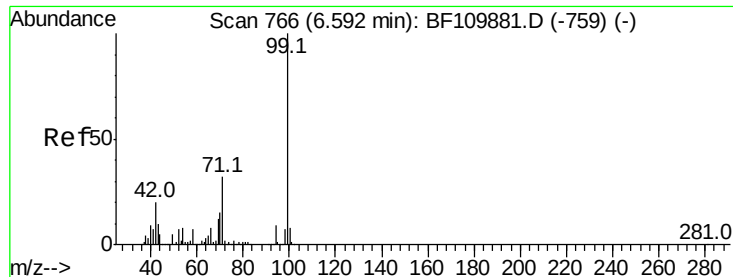
2-Fluorophenol
Concen: 98.324 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion:112 Resp: 1438683
Ion Ratio Lower Upper
112 100
64 60.1 44.1 66.1
63 31.5 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: 99.889 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

DUP

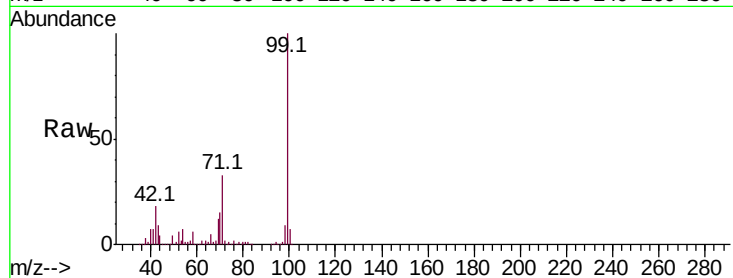
Tot Ion: 99 Resp: 1814892

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

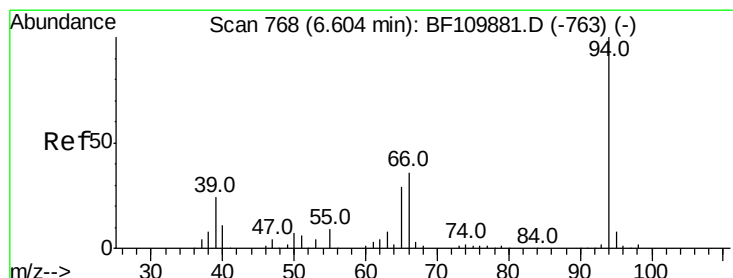
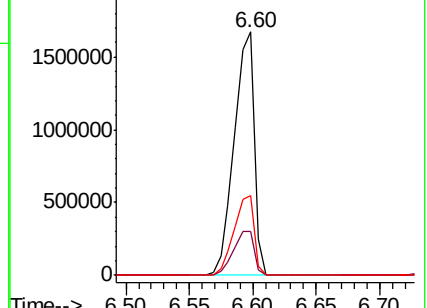
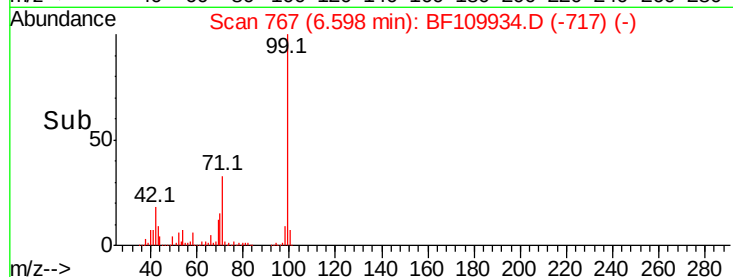
71 32.6 28.0 42.0



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



#10

Phenol

Concen: 5.448 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

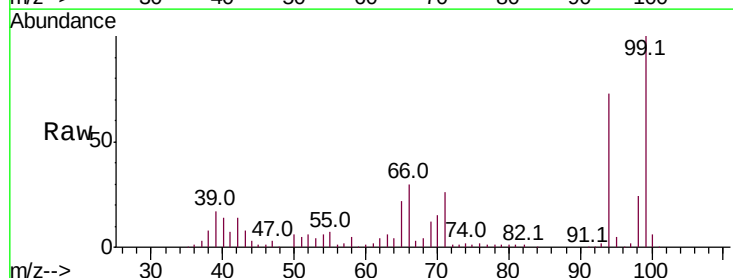
Tgt Ion: 94 Resp: 106873

Ion Ratio Lower Upper

94 100

65 30.5 25.3 65.3

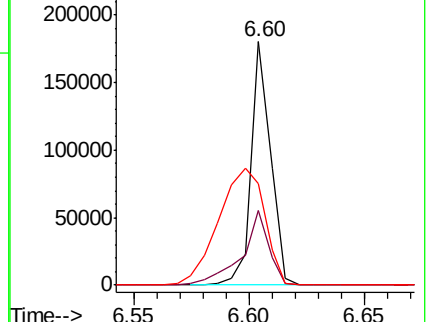
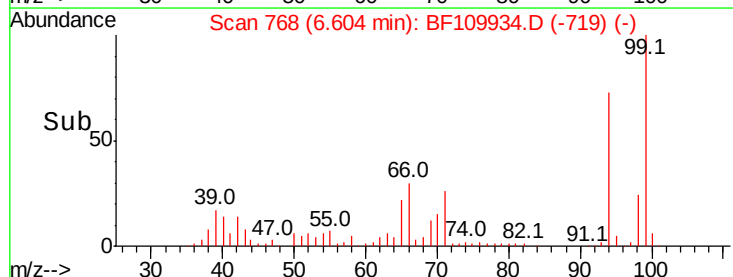
66 41.6 54.5 94.5#

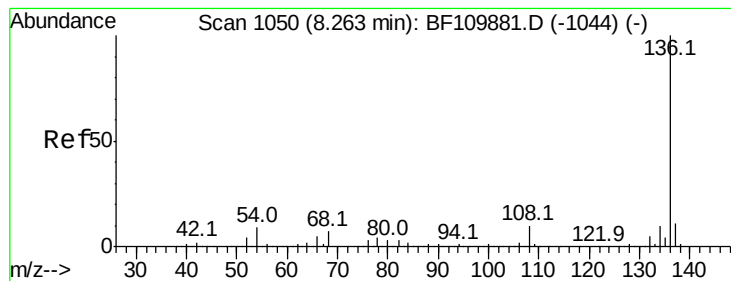


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

Instrument :

BNA_F

ClientSampled :

DUP

Tot Ion:136 Resp: 845399

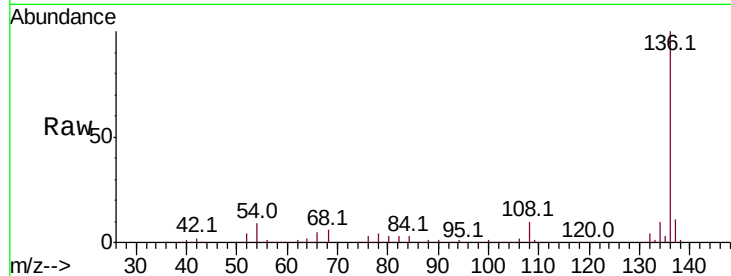
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 5.4 8.2#

68 6.0 4.2 6.2

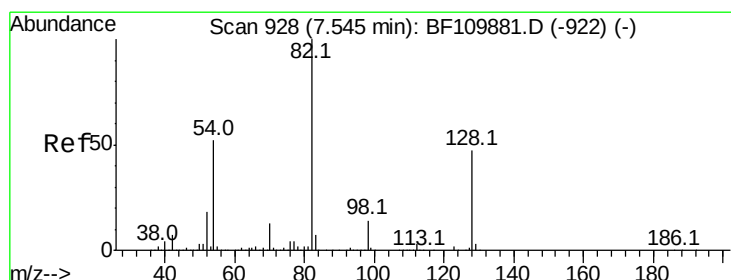
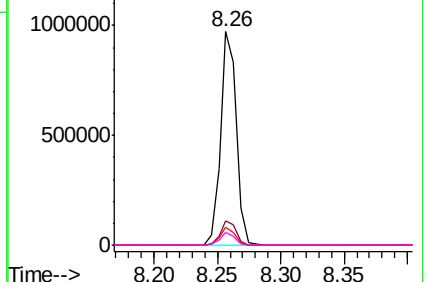
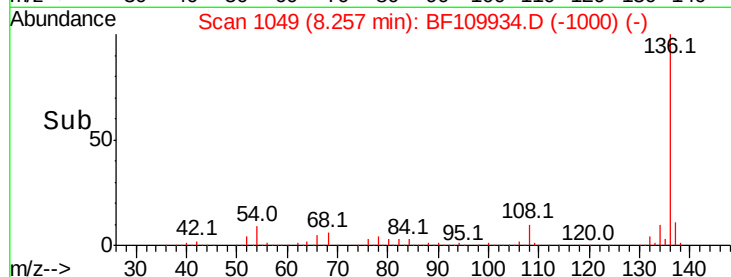


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.793 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

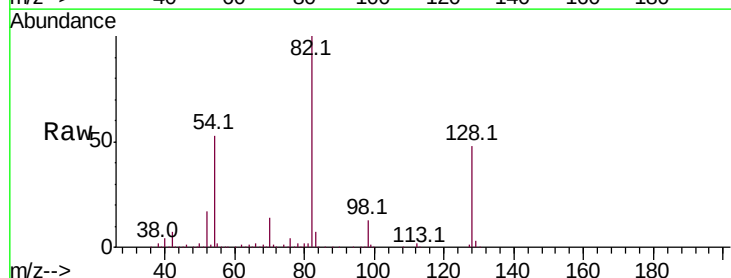
Tgt Ion: 82 Resp: 1076674

Ion Ratio Lower Upper

82 100

128 47.8 34.2 51.2

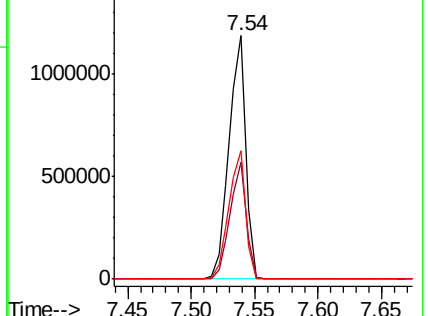
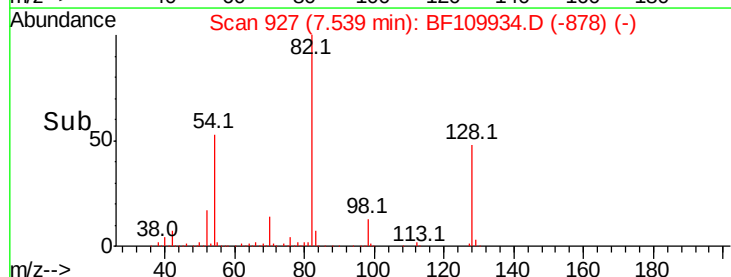
54 52.6 38.6 58.0

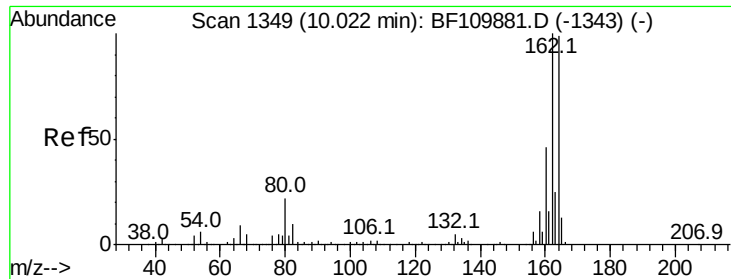


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

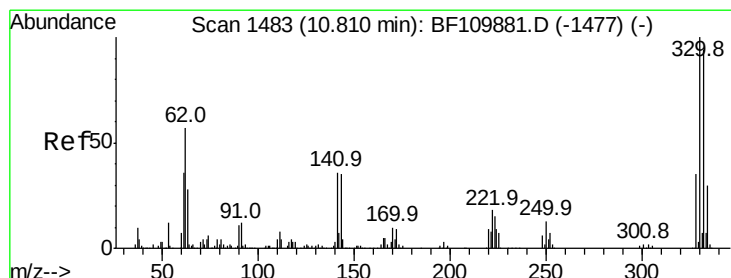
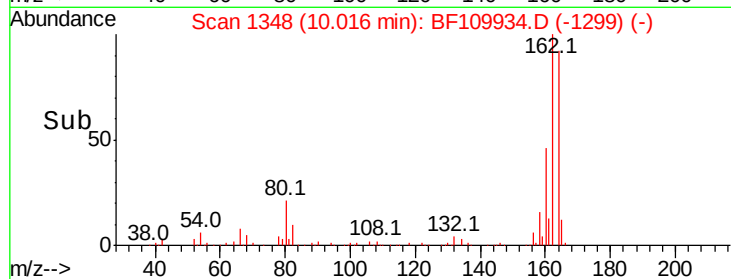
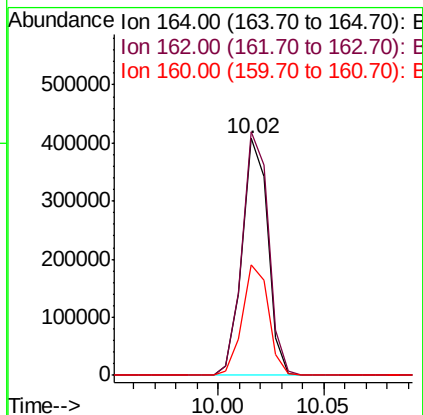
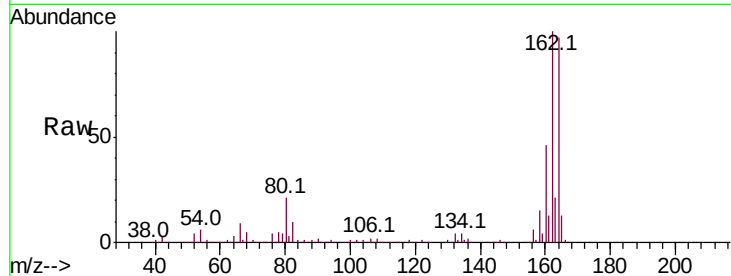




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

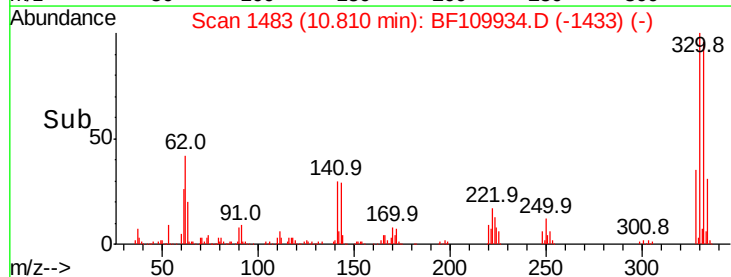
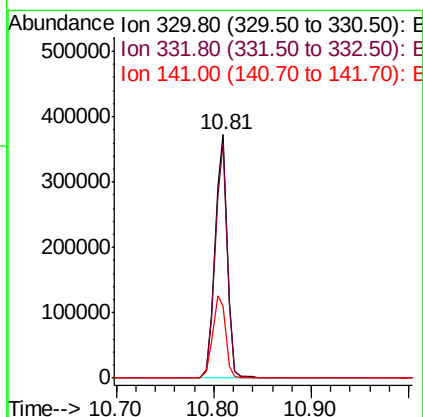
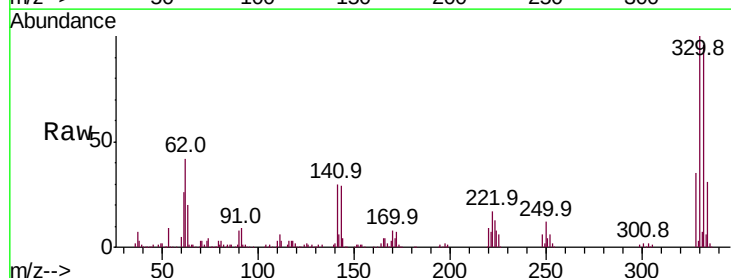
Instrument :
BNA_F
ClientSampleId :
DUP

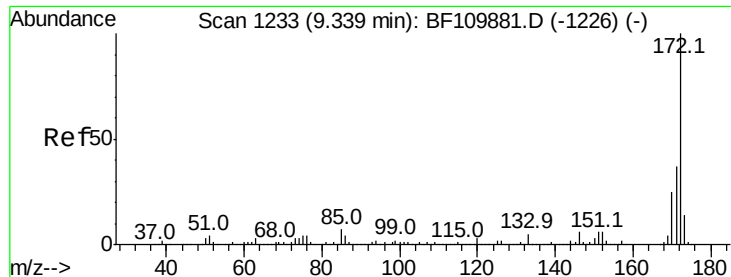
Tot Ion:164 Resp: 344603
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 46.9 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 108.710 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion:330 Resp: 324335
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 35.4 27.0 40.4

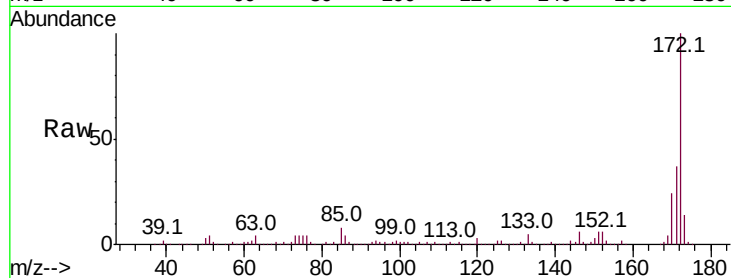




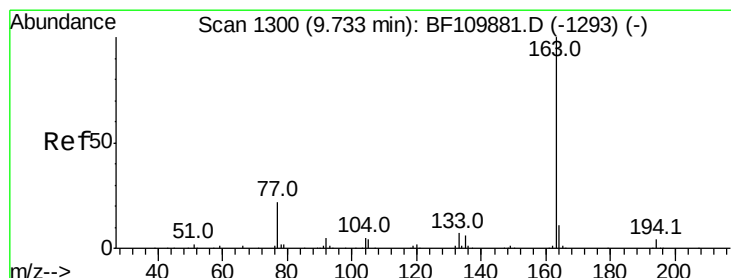
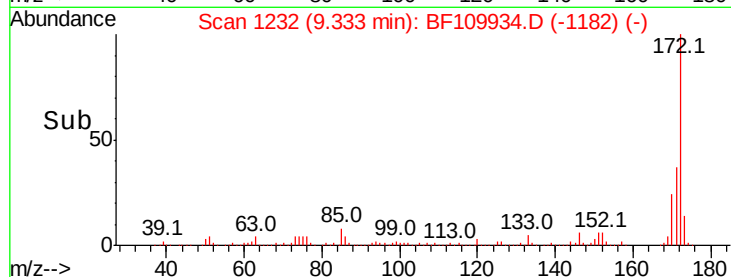
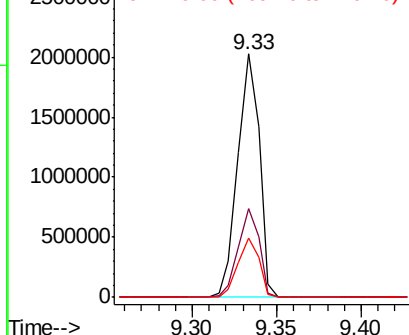
#45
2-Fluorobiphenyl
Concen: 83.660 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion:172 Resp: 1806743
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.3 19.7 29.5

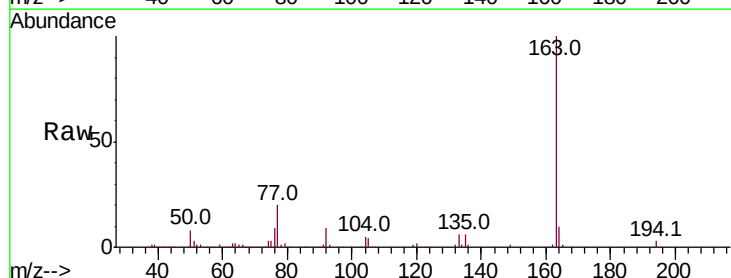


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

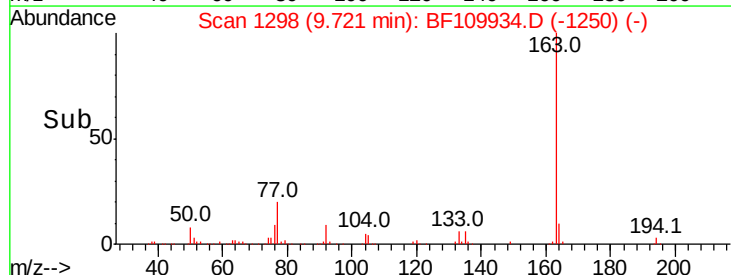
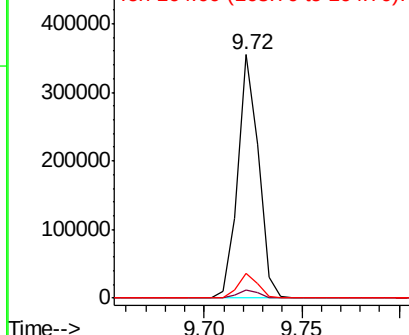


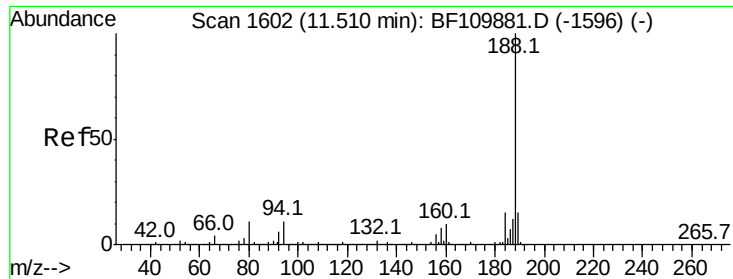
#50
Dimethylphthalate
Concen: 10.708 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion:163 Resp: 261289
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

DUP

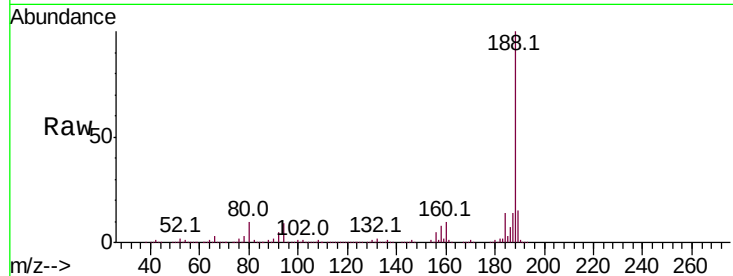
Tot Ion:188 Resp: 539664

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

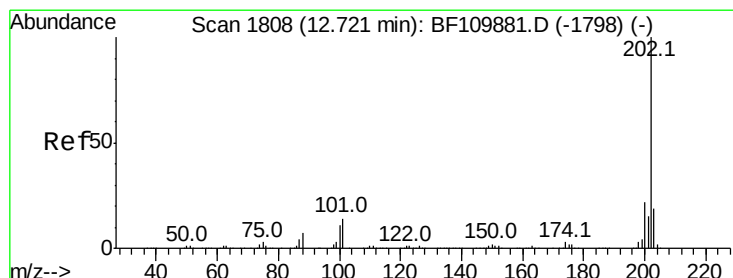
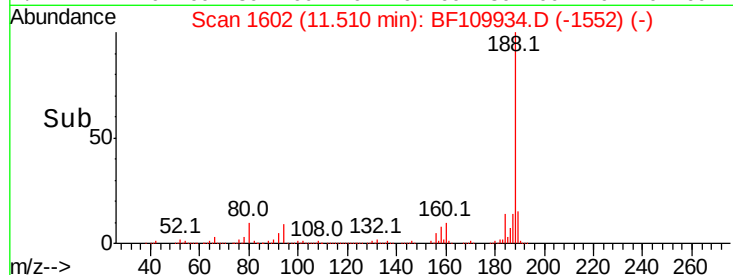
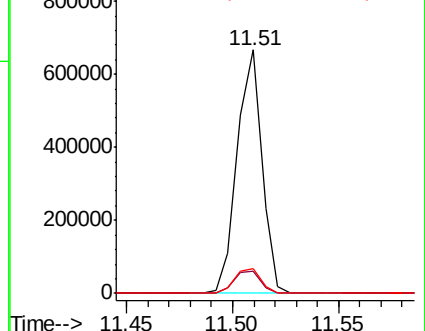
80 9.9 7.9 11.9



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

Fluoranthene

Concen: 2.184 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109934.D

Acq: 17 Oct 2018 21:42

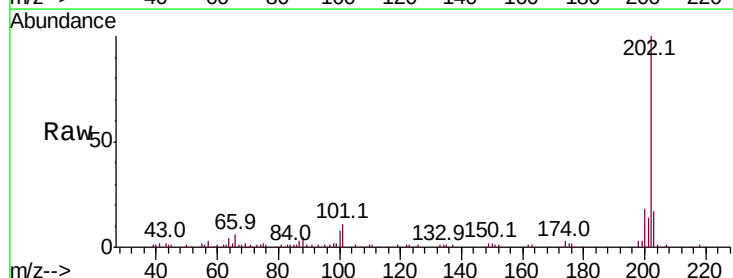
Tgt Ion:202 Resp: 60944

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

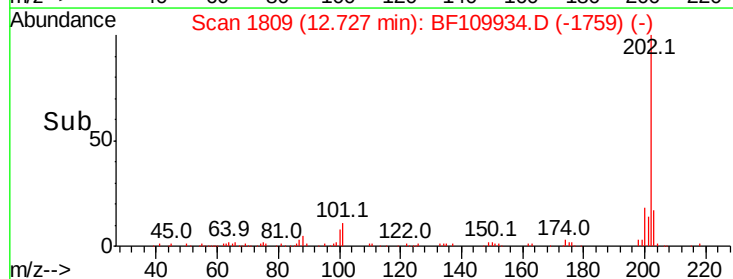
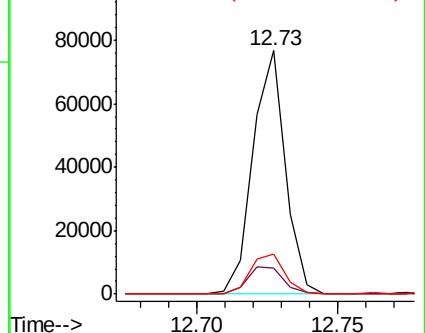
203 16.5 0.0 37.7

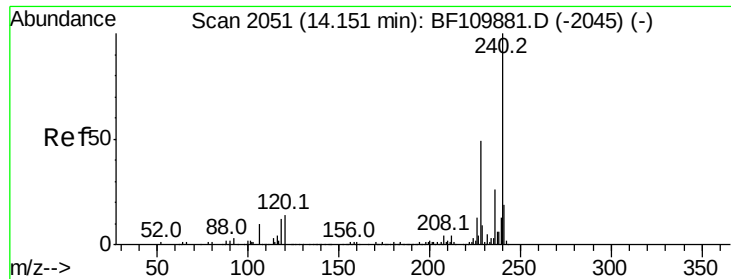


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

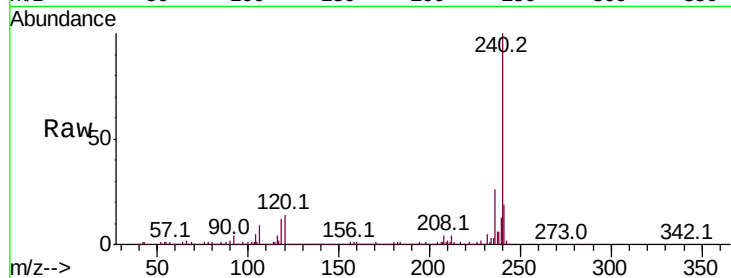




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.3	12.5#
236	25.7	21.2	31.8

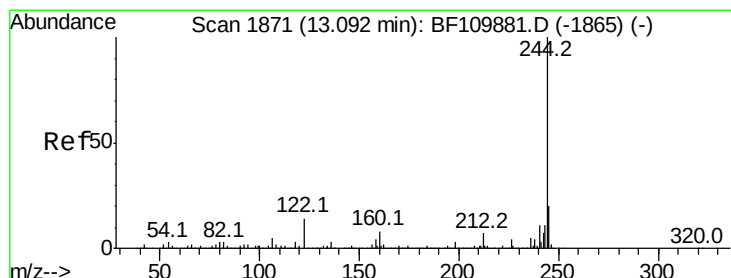
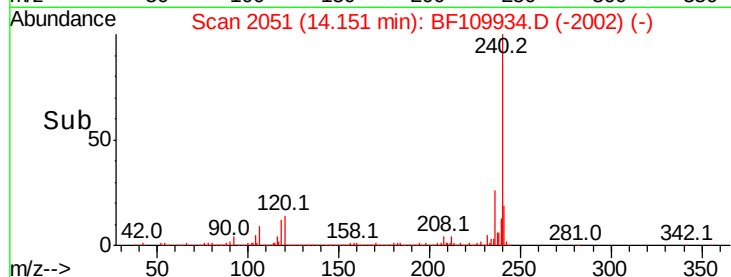
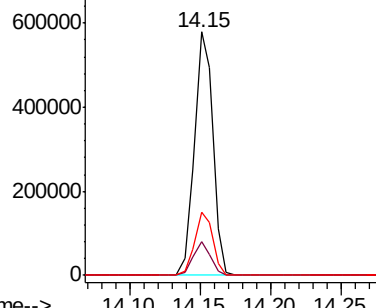


Abundance

Ion 240.00 (239.70 to 240.70): E

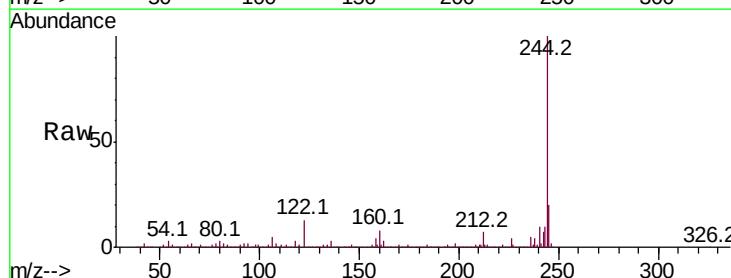
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 58.203 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.3	8.7	13.1#

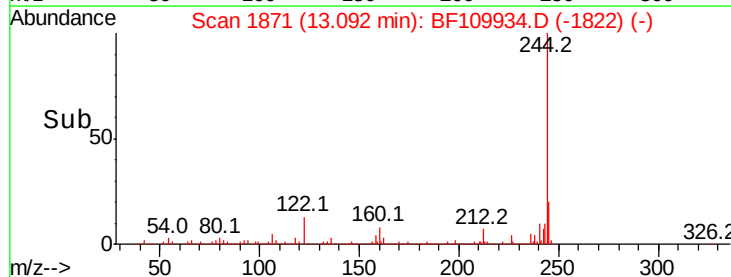
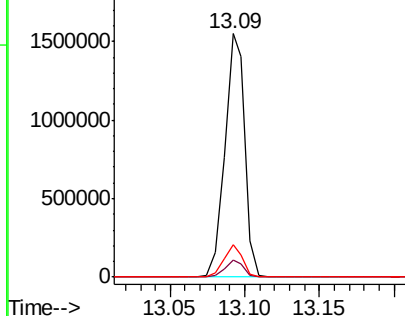


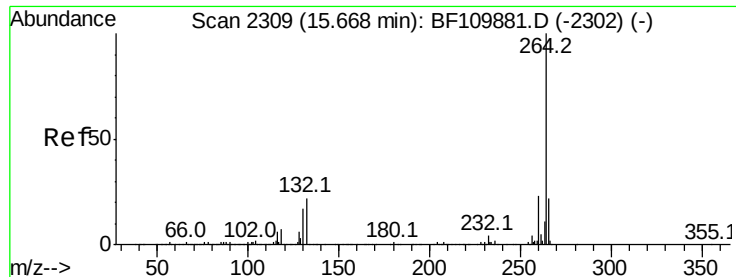
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109934.D
Acq: 17 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.0	16.7	25.1

