

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109583.D
 Acq On : 4 Oct 2018 13:45
 Operator : JU/SJ
 Sample : J5199-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Quant Time: Oct 04 15:27:11 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

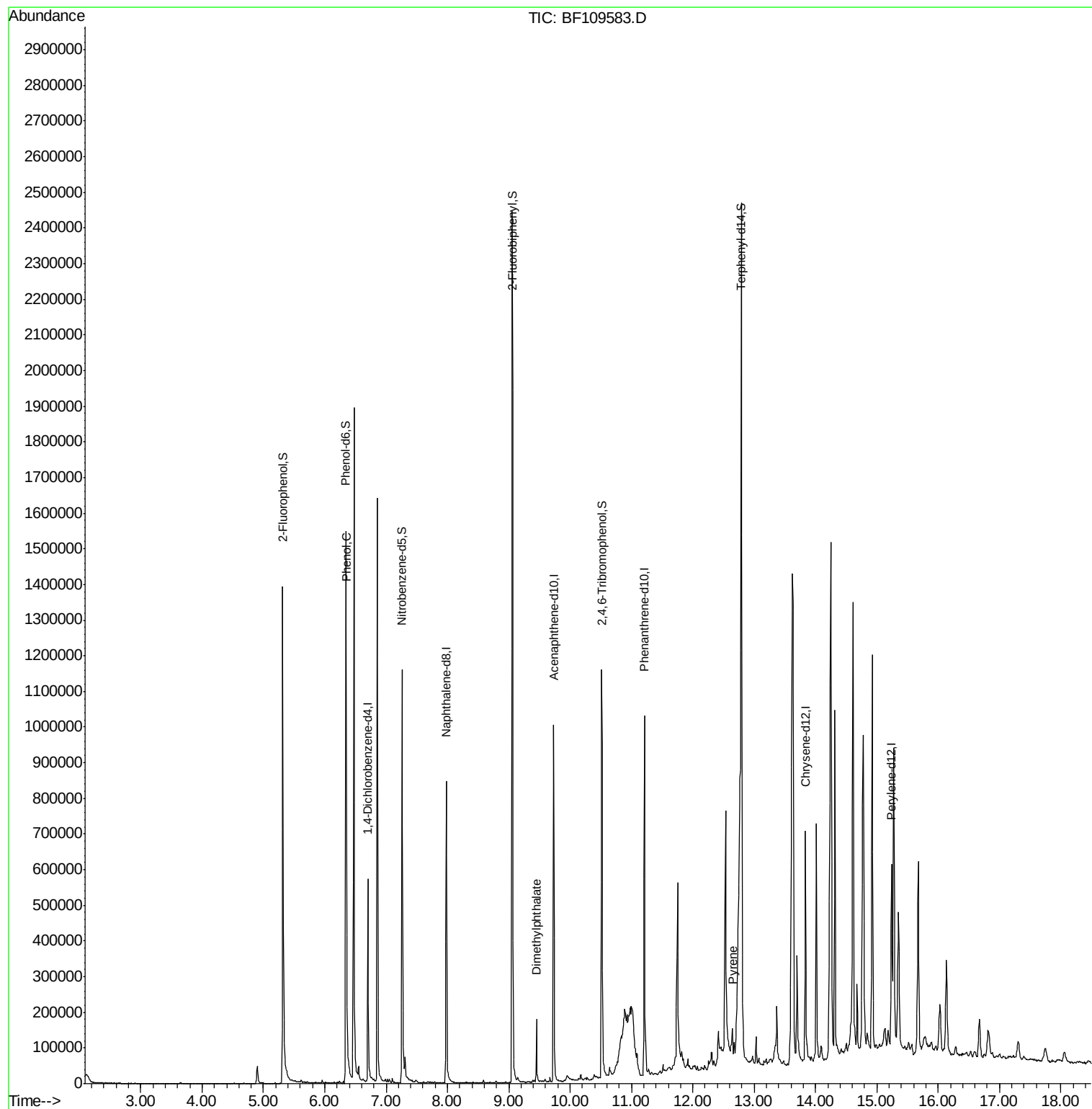
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103098	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	421376	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	204921	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	376494	20.00	ng	0.00
75) Chrysene-d12	13.84	240	227884	20.00	ng	0.00
86) Perylene-d12	15.24	264	259536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	498695	79.67	ng	0.00
7) Phenol-d6	6.35	99	681090	85.27	ng	-0.01
23) Nitrobenzene-d5	7.26	82	440176	61.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	155259	76.86	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	833918	61.38	ng	-0.02
78) Terphenyl-d14	12.79	244	614154	66.14	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27976	3.093	ng	78
49) Dimethylphthalate	9.45	163	69662	4.674	ng	99
77) Pyrene	12.64	202	37393	2.290	ng	98

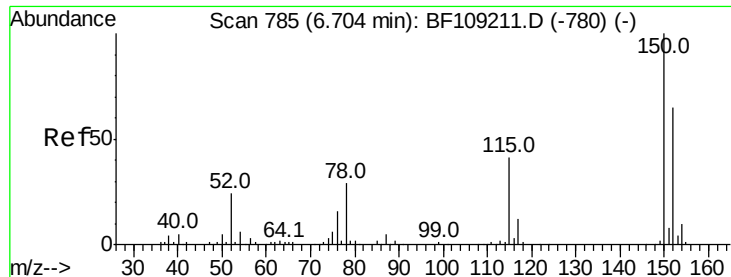
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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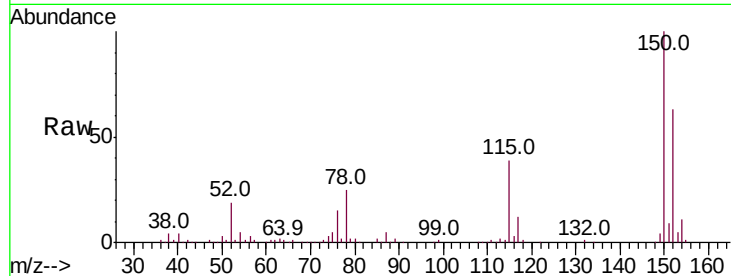


#1

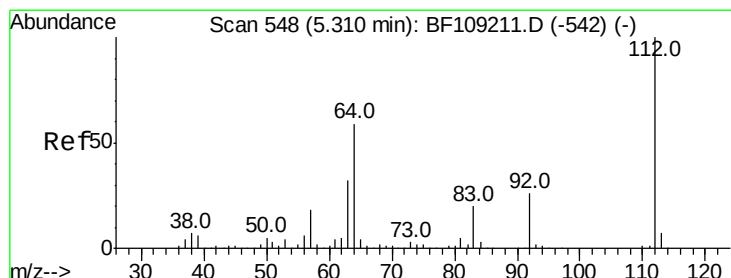
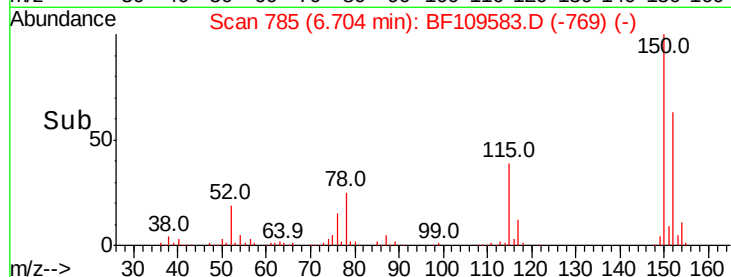
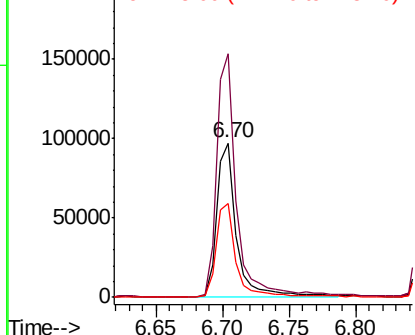
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tot Ion:152 Resp: 103098
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.7 50.1 75.1



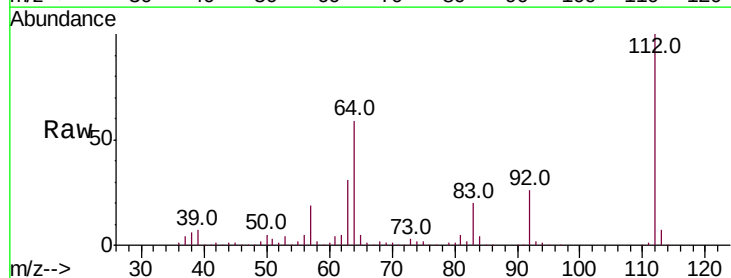
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



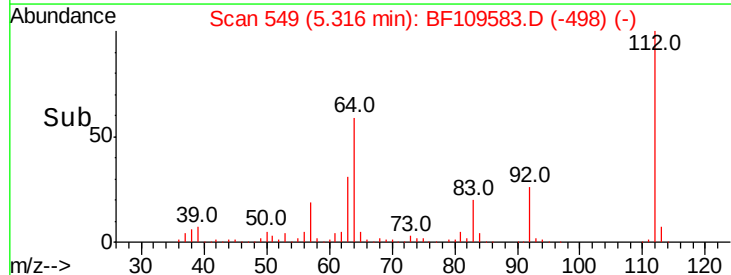
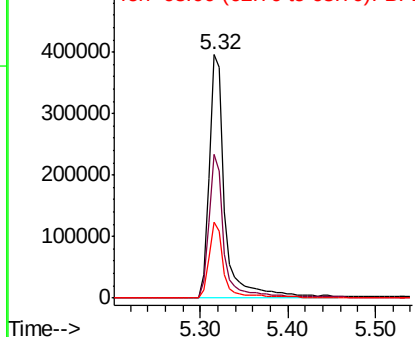
#5

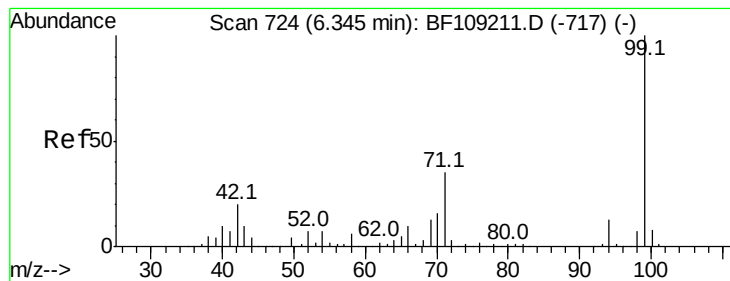
2-Fluorophenol
Concen: 79.671 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:112 Resp: 498695
Ion Ratio Lower Upper
112 100
64 59.2 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: 85.272 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

BNA_F

ClientSampleId :

OK-01-100318

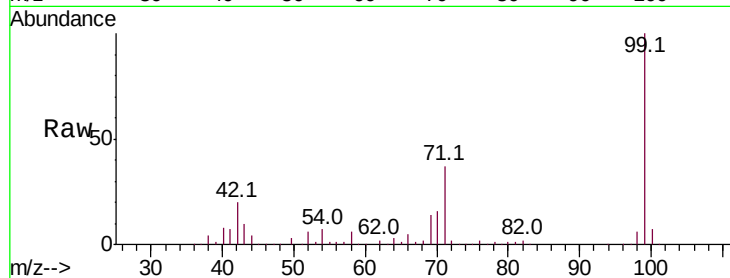
Tot Ion: 99 Resp: 681090

Ion Ratio Lower Upper

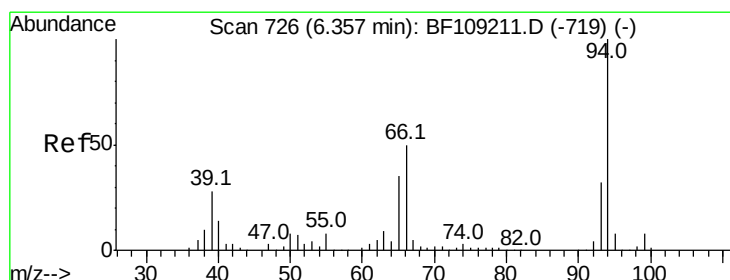
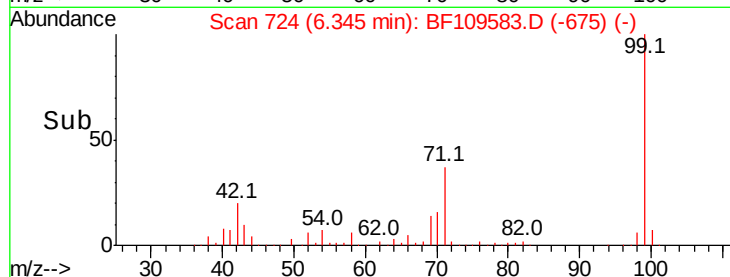
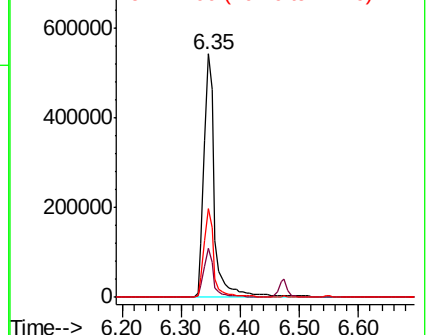
99 100

42 20.0 14.5 21.7

71 36.7 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



#10

Phenol

Concen: 3.093 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

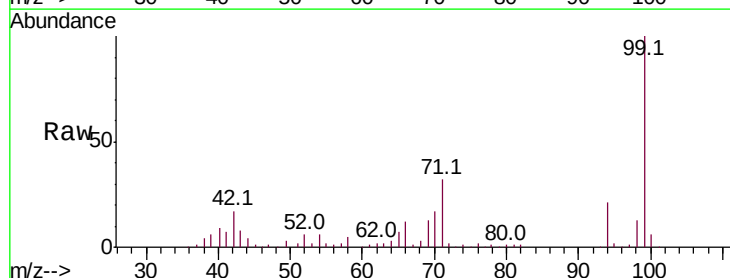
Tgt Ion: 94 Resp: 27976

Ion Ratio Lower Upper

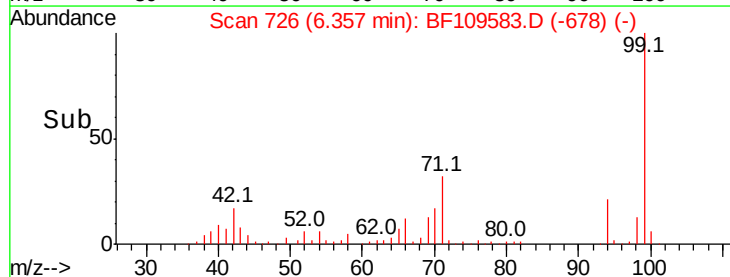
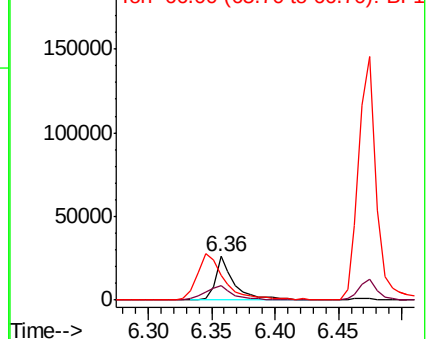
94 100

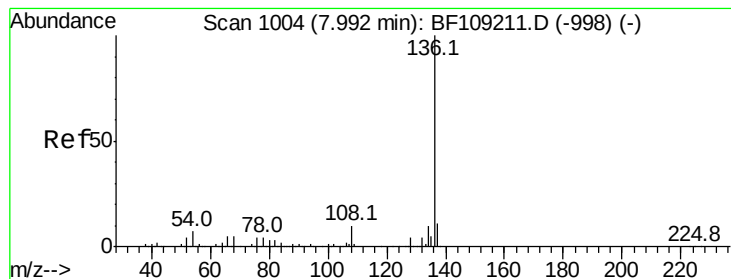
65 32.6 7.9 47.9

66 55.4 16.2 56.2



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

BNA_F

ClientSampleId :

OK-01-100318

Tot Ion:136 Resp: 421376

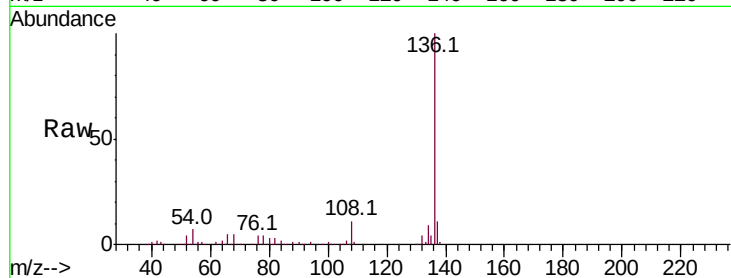
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.4 5.0 7.4

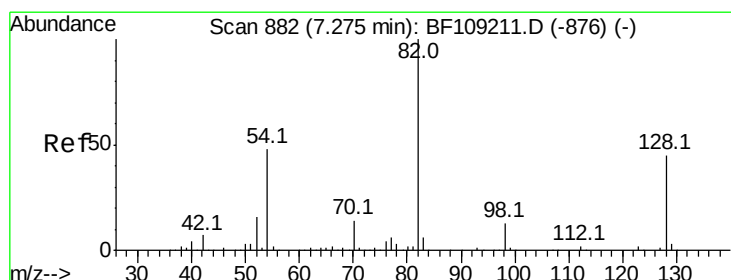
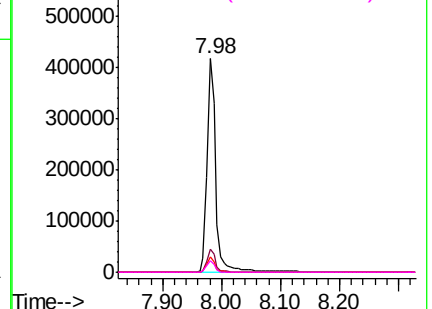
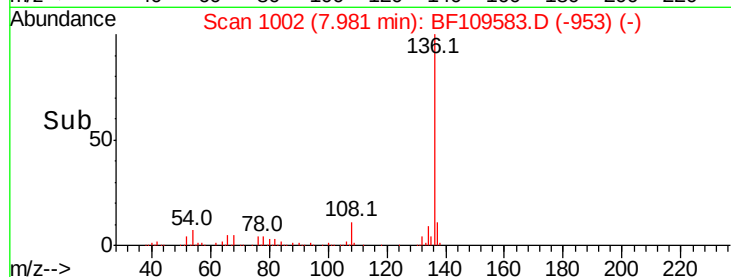


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.665 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

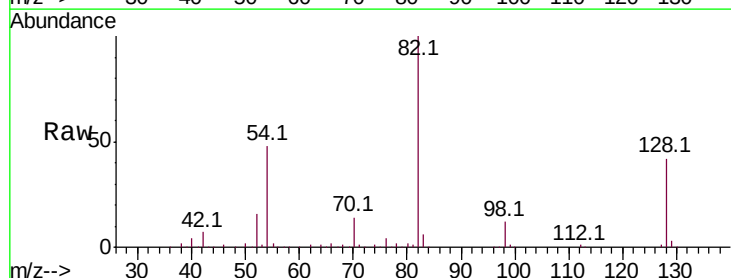
Tgt Ion: 82 Resp: 440176

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

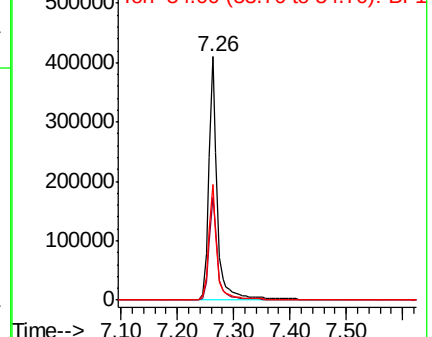
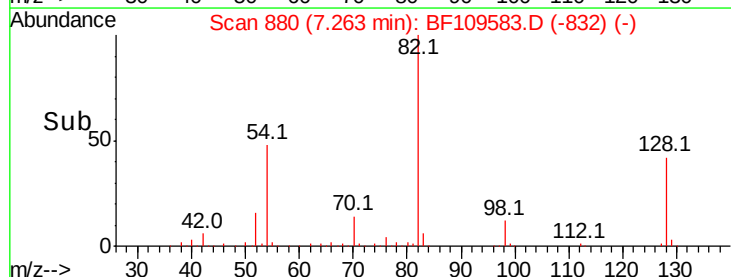
54 47.6 41.4 62.2

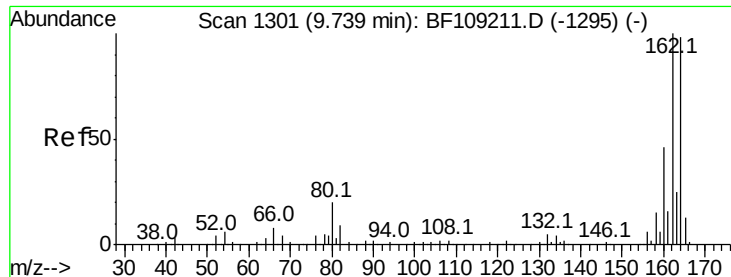


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

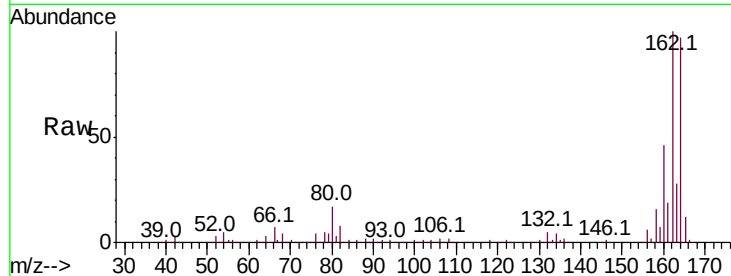




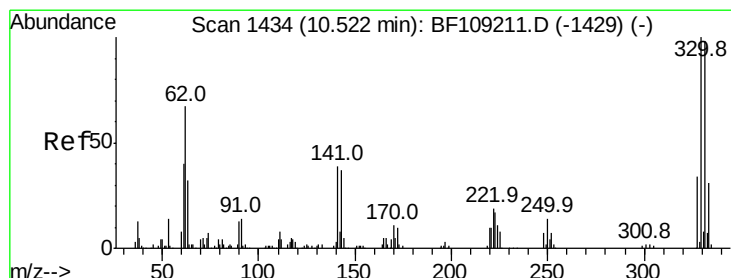
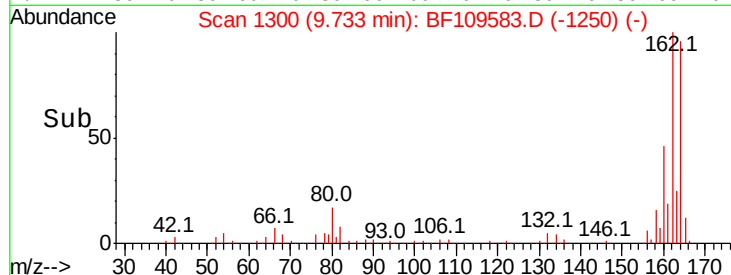
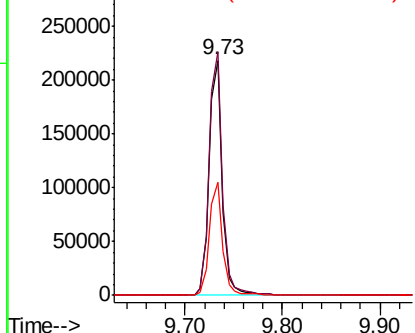
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Tot Ion:164 Resp: 204921
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.9 38.3 57.5

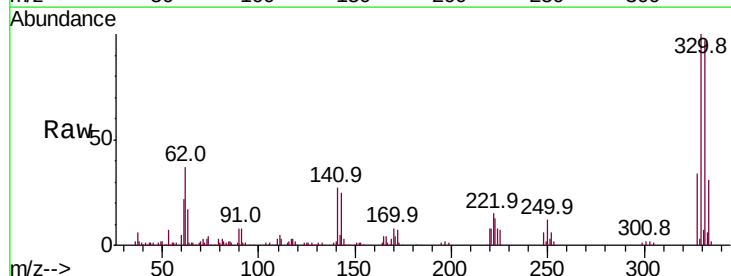


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

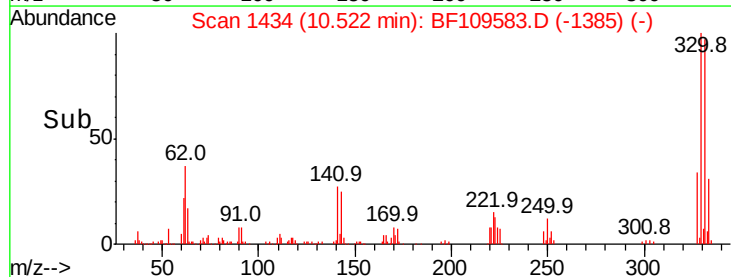
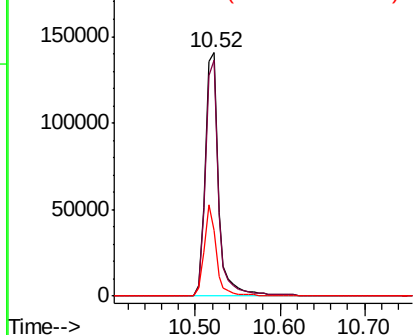


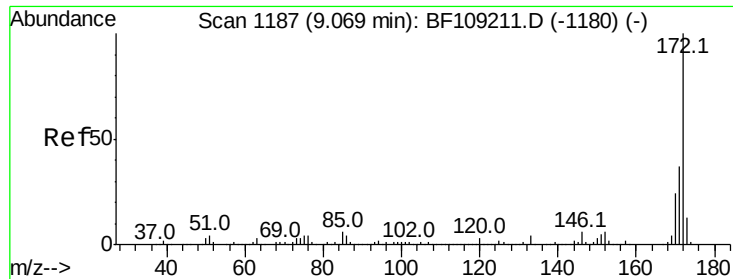
#41
 2,4,6-Tribromophenol
 Concen: 76.857 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Tgt Ion:330 Resp: 155259
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.9 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



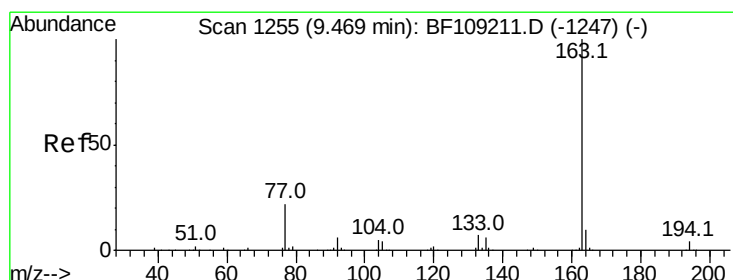
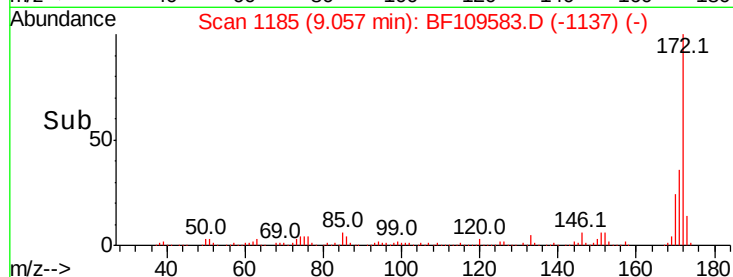
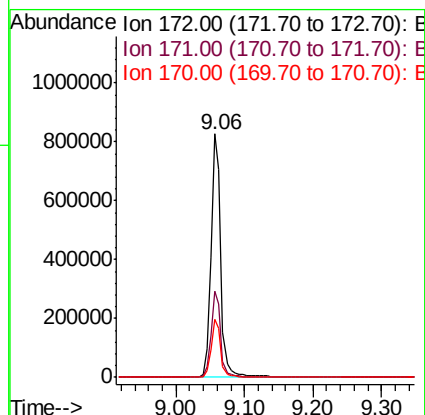
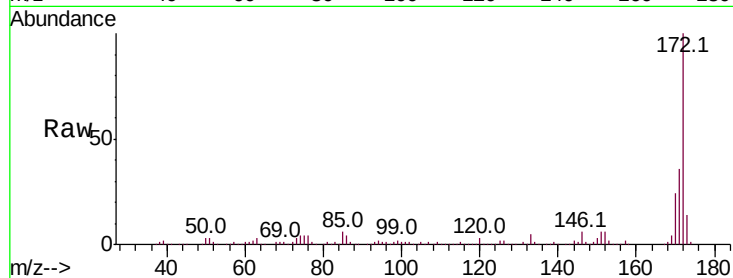


#44
 2-Fluorobiphenyl
 Concen: 61.375 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-100318

Tot Ion:172 Resp: 833918

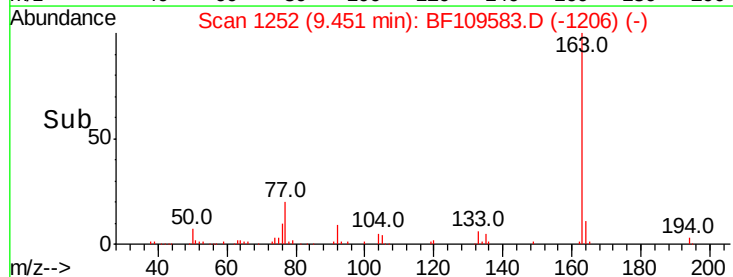
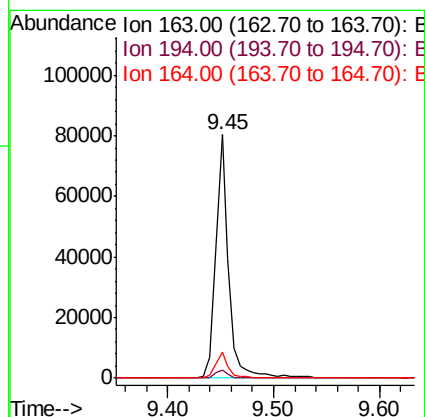
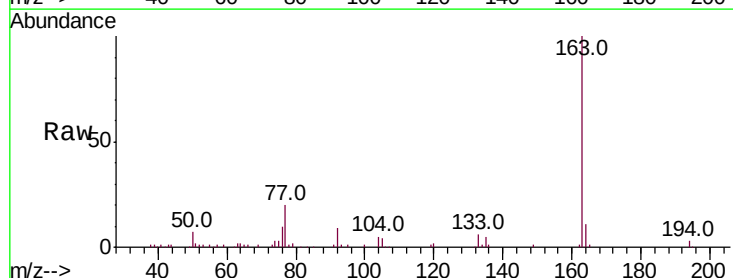
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

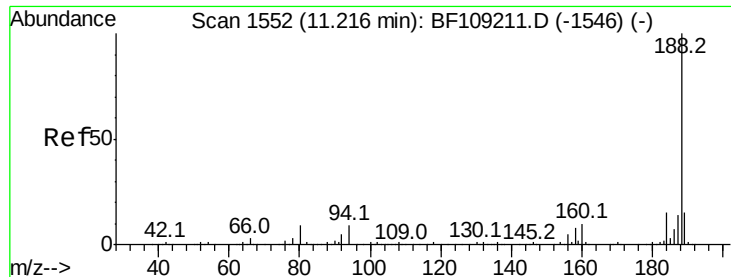


#49
 Dimethylphthalate
 Concen: 4.674 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109583.D
 Acq: 4 Oct 2018 13:45

Tgt Ion:163 Resp: 69662

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.8	8.2	12.2

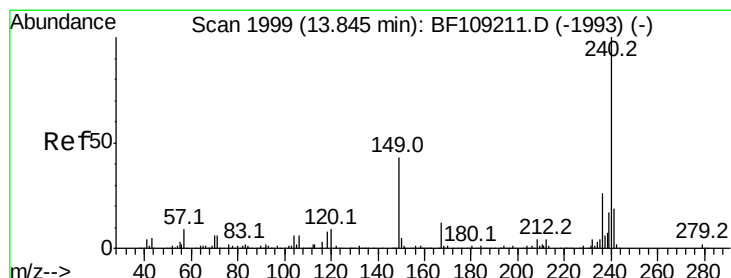
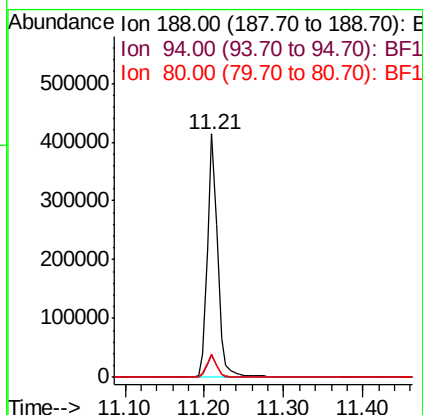
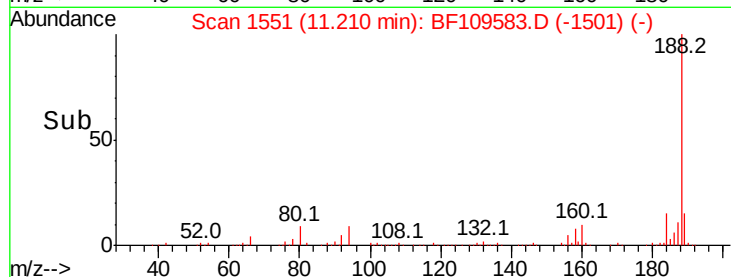
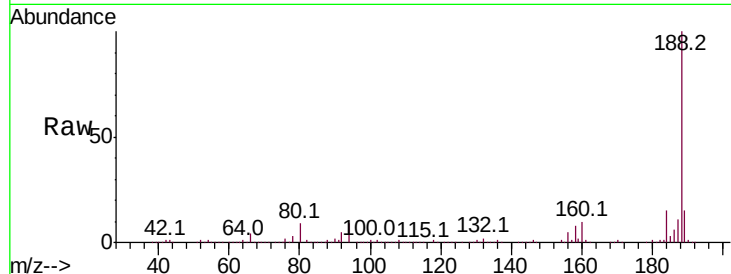




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

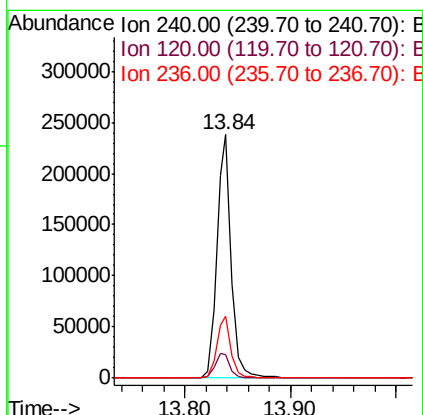
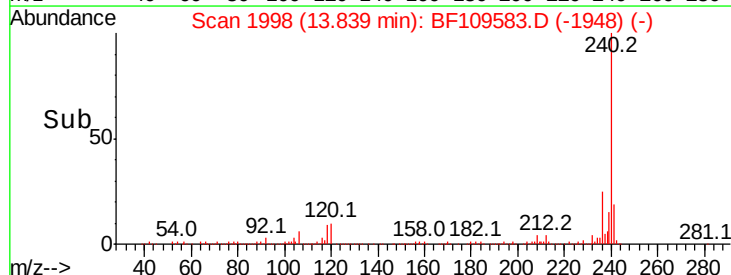
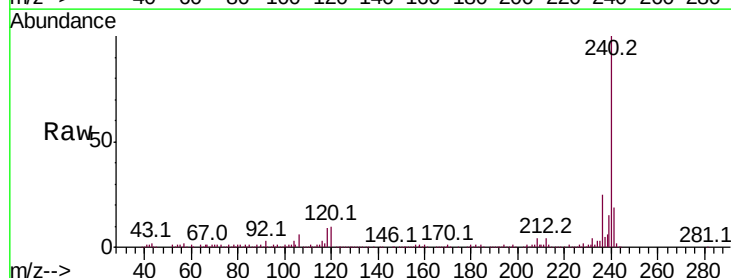
Instrument :
BNA_F
ClientSampleId :
OK-01-100318

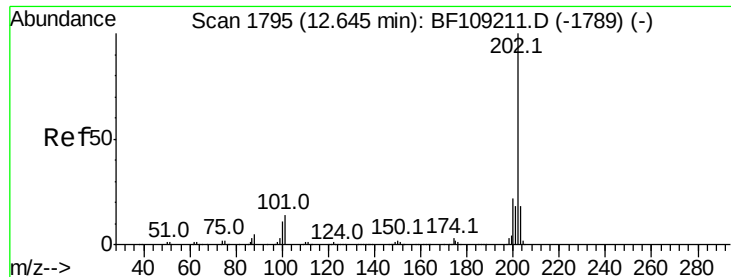
Tot Ion:188 Resp: 376494
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Tgt Ion:240 Resp: 227884
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.4 20.7 31.1





#77

Pvrene

Concen: 2.290 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Instrument :

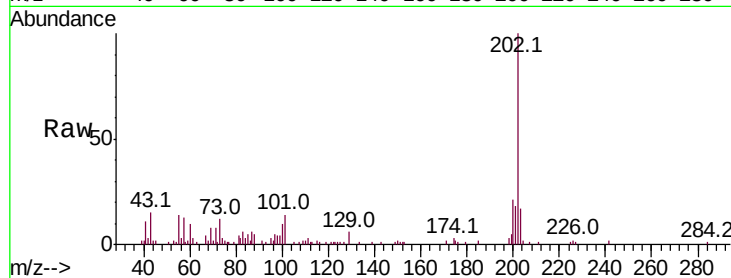
BNA_F

ClientSampleId :

OK-01-100318

Tot Ion:202 Resp: 37393

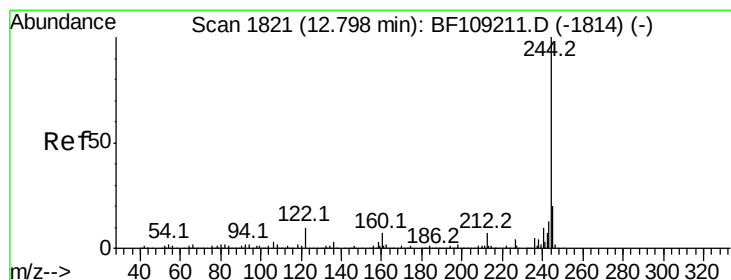
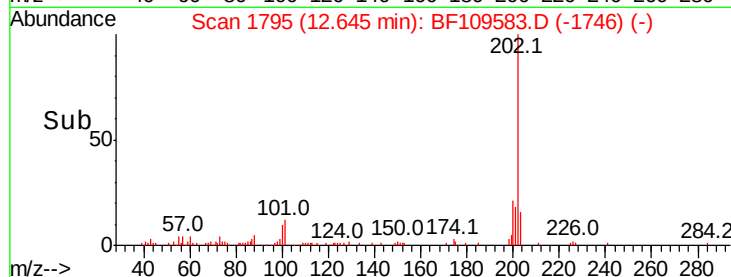
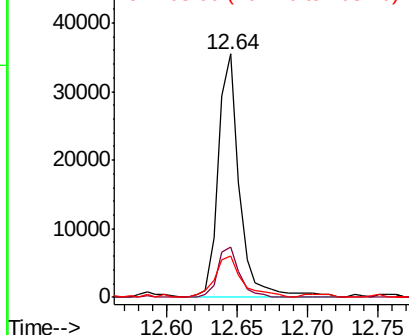
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.0	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.140 ng

RT: 12.79 min Scan# 1820

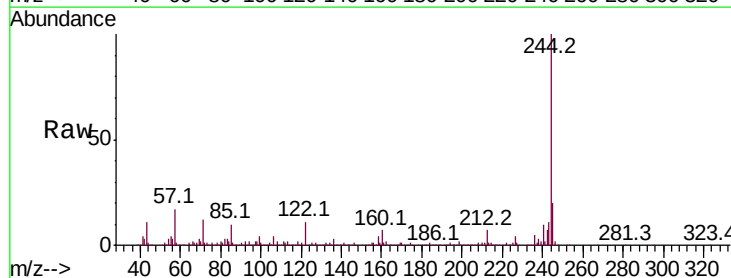
Delta R.T. -0.01 min

Lab File: BF109583.D

Acq: 4 Oct 2018 13:45

Tgt Ion:244 Resp: 614154

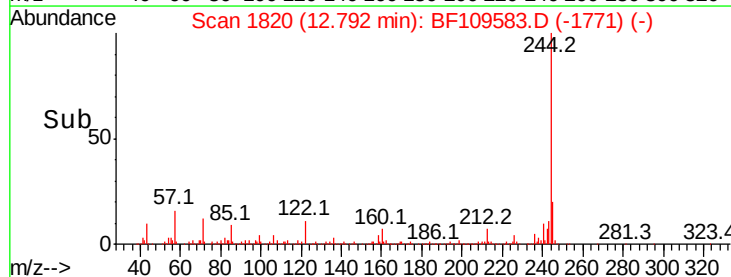
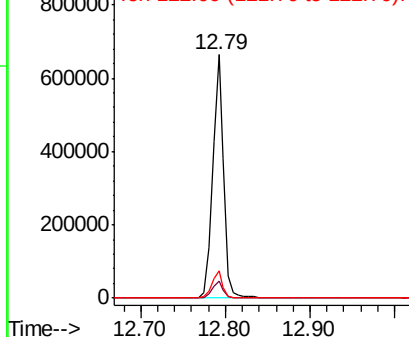
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.2	11.0	16.4

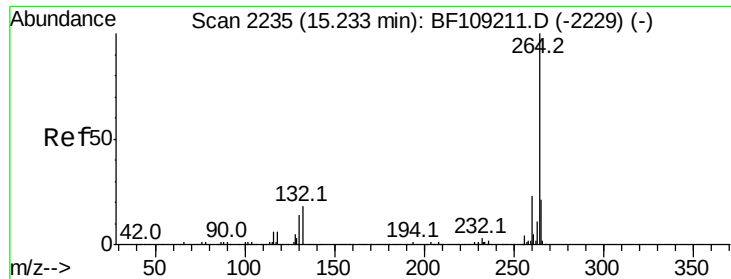


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

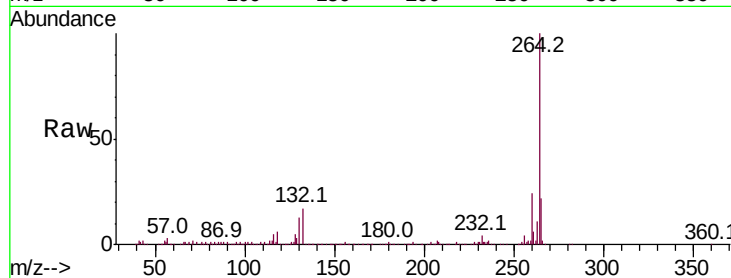




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109583.D
Acq: 4 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
OK-01-100318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3



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

