

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109436.D
 Acq On : 28 Sep 2018 18:05
 Operator : JU/SJ
 Sample : J4777-37 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 02:11:48 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

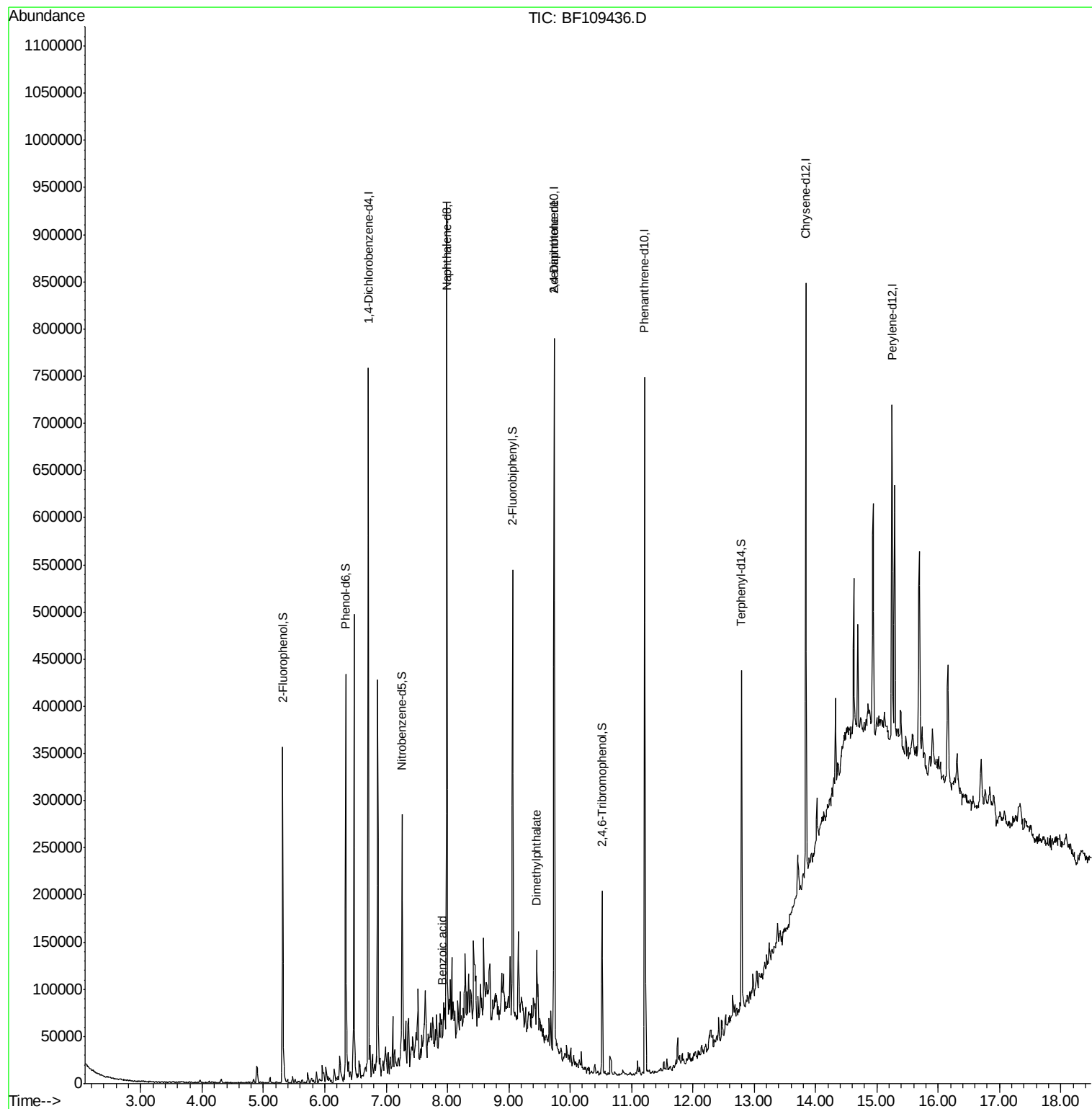
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102921	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350591	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	136564	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	248418	20.00	ng	0.00
75) Chrysene-d12	13.84	240	218580	20.00	ng	0.00
86) Perylene-d12	15.25	264	168954	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	110678	17.71	ng	0.00
7) Phenol-d6	6.34	99	136624	17.13	ng	-0.02
23) Nitrobenzene-d5	7.26	82	77547	13.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	21861	16.24	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	131998	14.58	ng	-0.01
78) Terphenyl-d14	12.80	244	121062	13.59	ng	0.00
Target Compounds						
32) Benzoic acid	7.92	122	173	6.844	ng	# 80
49) Dimethylphthalate	9.46	163	21785	2.193	ng	# 96
56) 2,4-Dinitrotoluene	9.74	165	18162	7.297	ng	# 24

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

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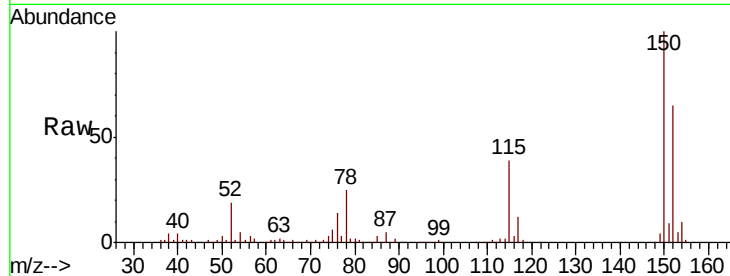


#1

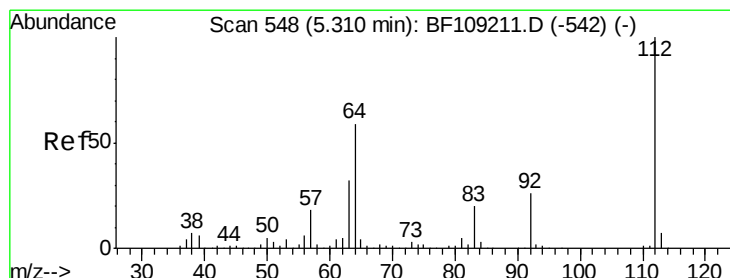
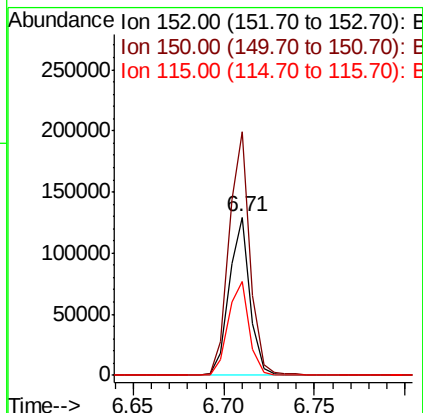
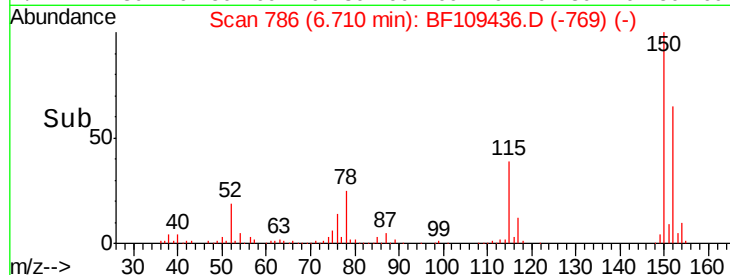
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 102921
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.4 50.1 75.1



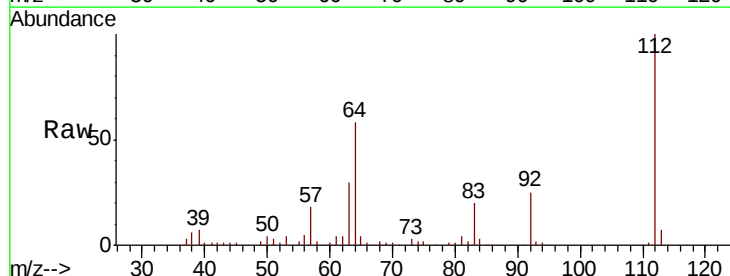
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



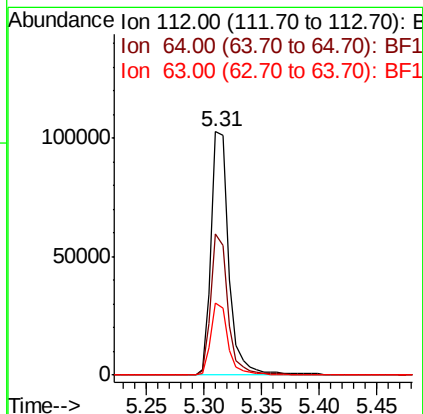
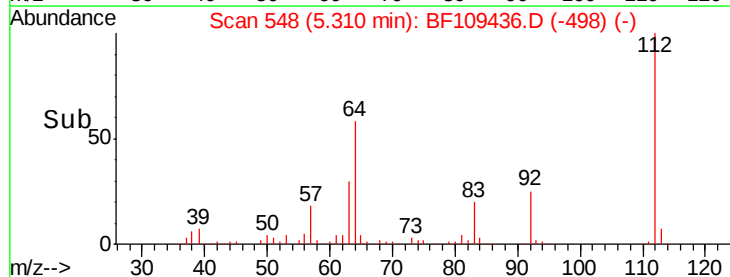
#5

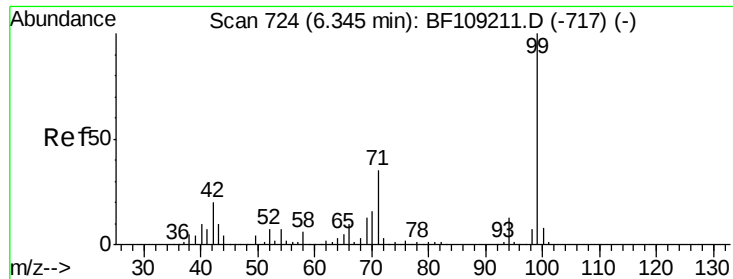
2-Fluorophenol
Concen: 17.712 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:112 Resp: 110678
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.8 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: 17.135 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109436.D

Acq: 28 Sep 2018 18:05

Instrument :

BNA_F

ClientSampleId :

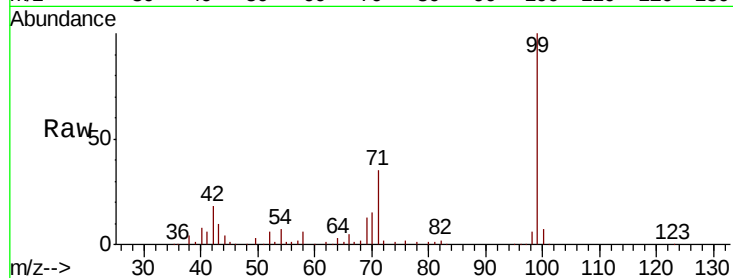
Tgt Ion: 99 Resp: 136624

Ion Ratio Lower Upper

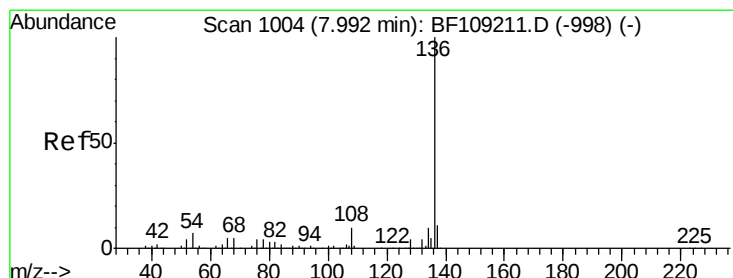
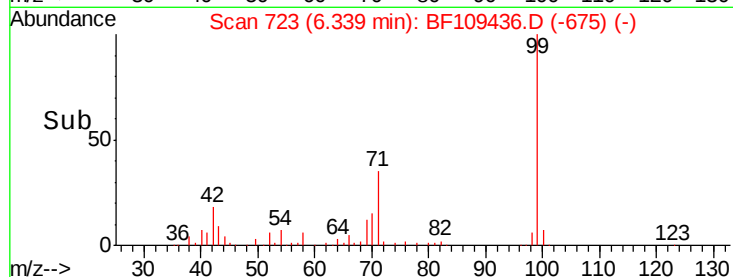
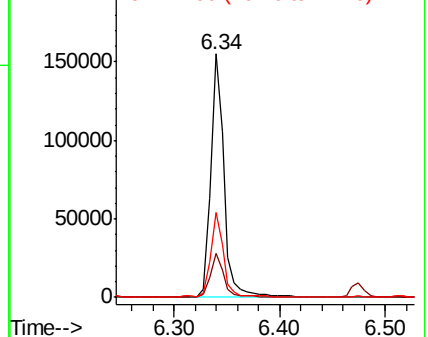
99 100

42 18.0 14.5 21.7

71 34.6 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# 1004

Delta R.T. 0.00 min

Lab File: BF109436.D

Acq: 28 Sep 2018 18:05

Tgt Ion: 136 Resp: 350591

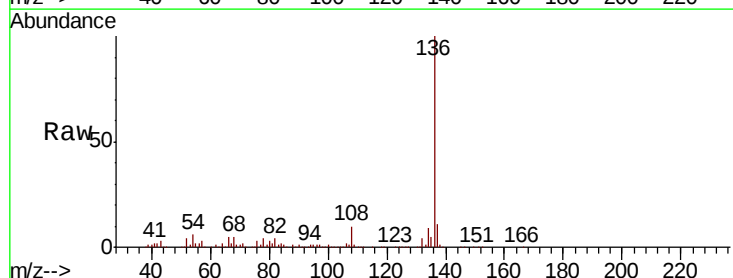
Ion Ratio Lower Upper

136 100

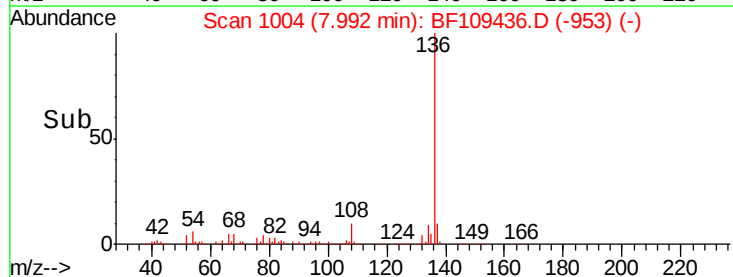
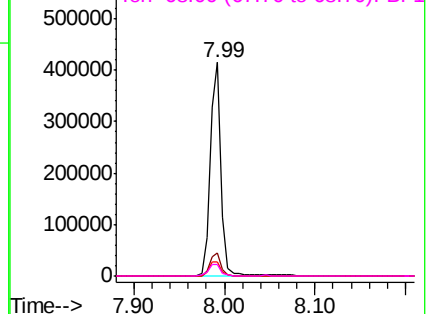
137 10.5 8.9 13.3

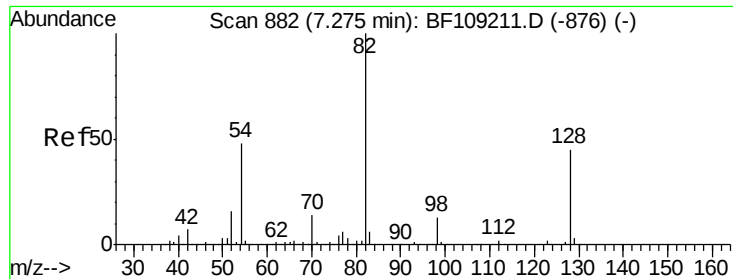
54 6.4 6.6 9.8#

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

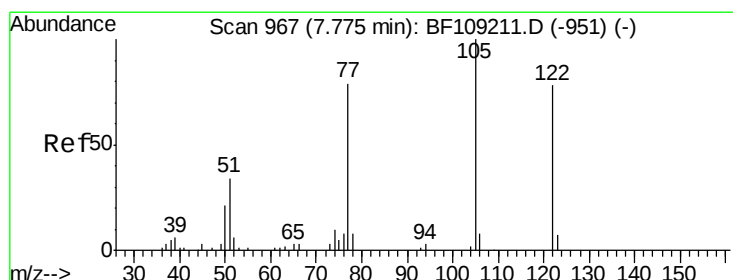
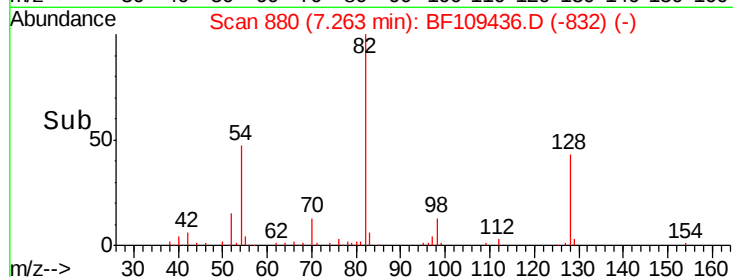
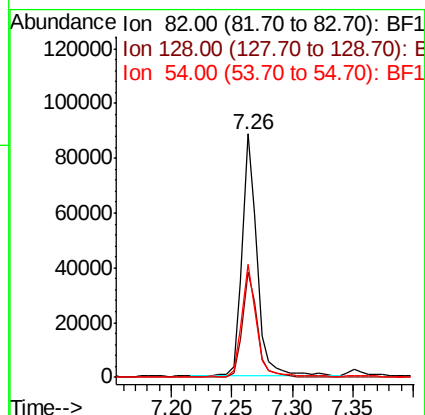
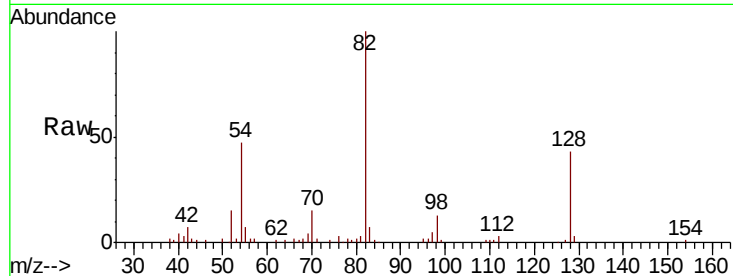




#23
 Nitrobenzene-d5
 Concen: 13.057 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

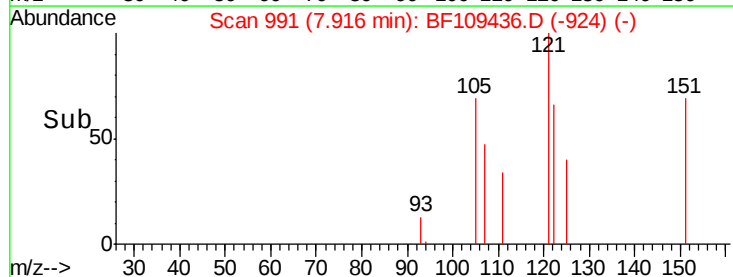
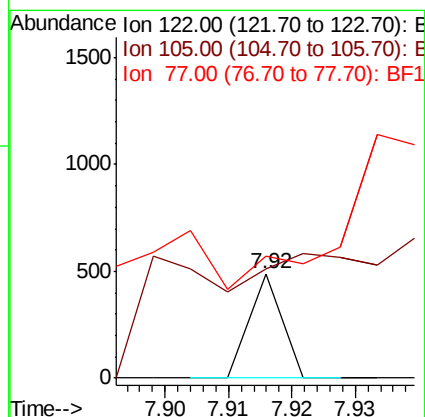
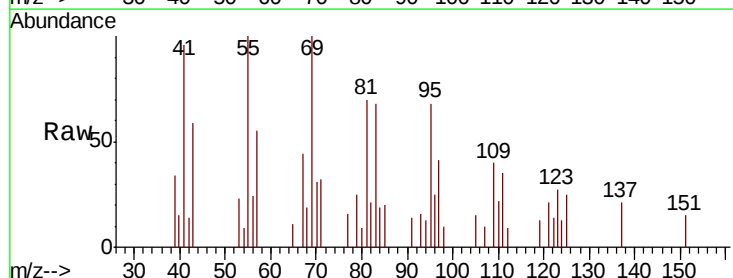
Instrument :
 BNA_F
 ClientSampled :

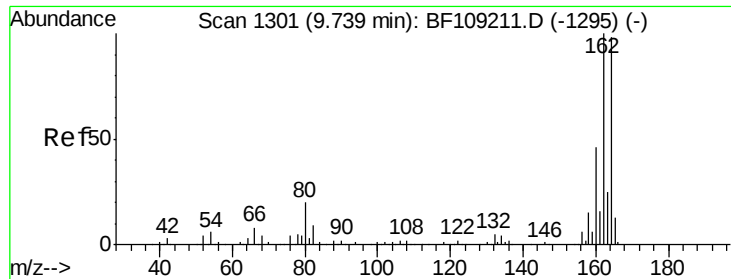
Tgt Ion: 82 Resp: 77547
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 46.6 41.4 62.2



#32
 Benzoic acid
 Concen: 6.844 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.09 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

Tgt Ion: 122 Resp: 173
 Ion Ratio Lower Upper
 122 100
 105 103.9 101.1 141.1
 77 116.1 70.7 110.7#

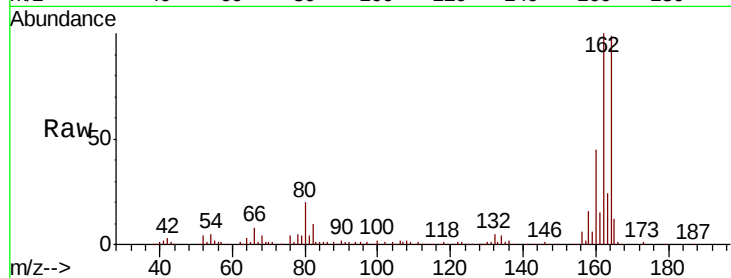




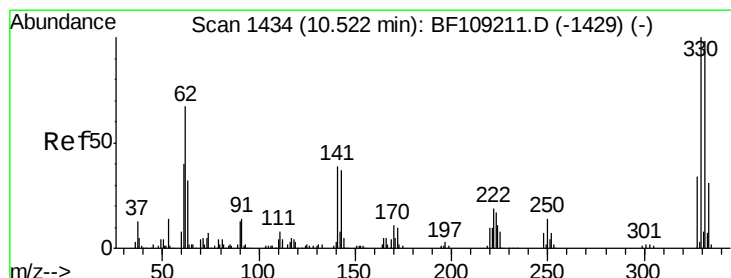
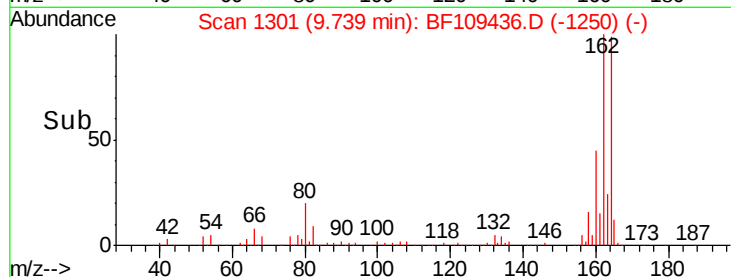
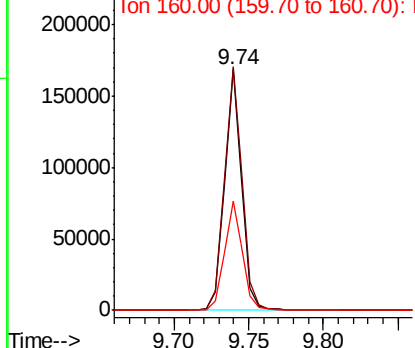
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:164 Resp: 136564
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 45.3 38.3 57.5

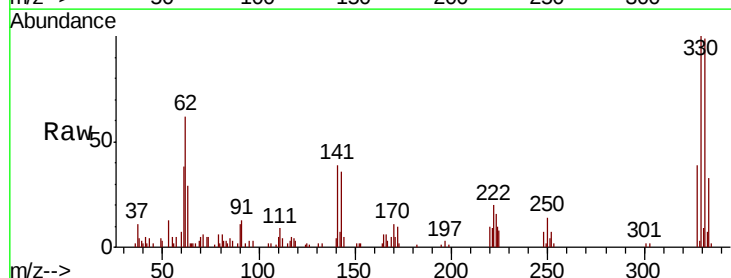


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

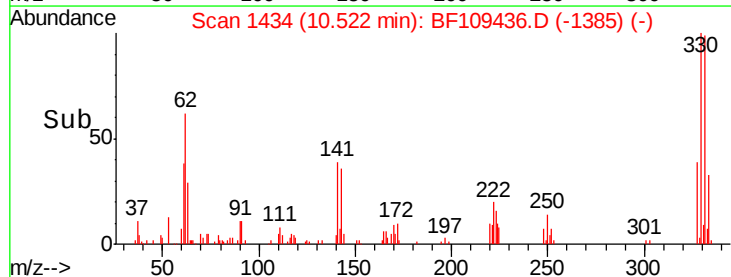
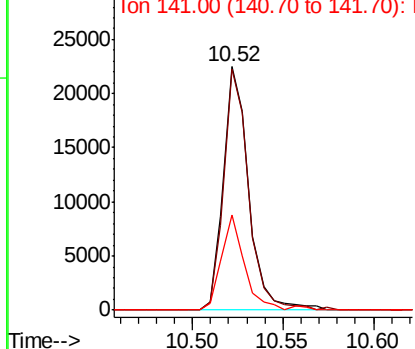


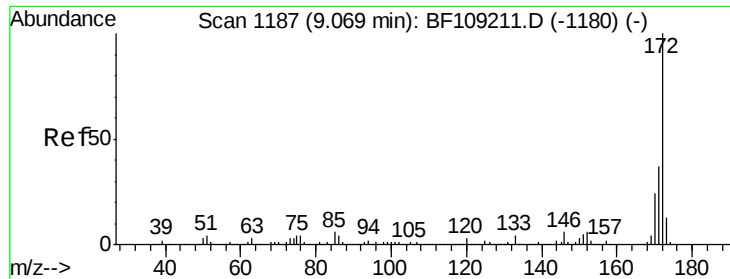
#41
 2,4,6-Tribromophenol
 Concen: 16.239 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

Tgt Ion:330 Resp: 21861
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 35.0 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

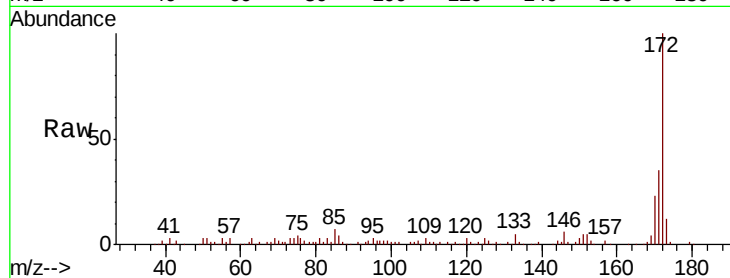




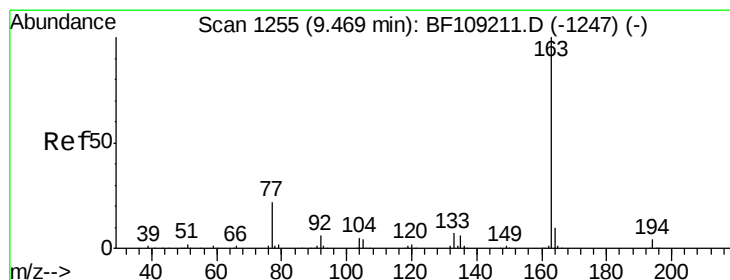
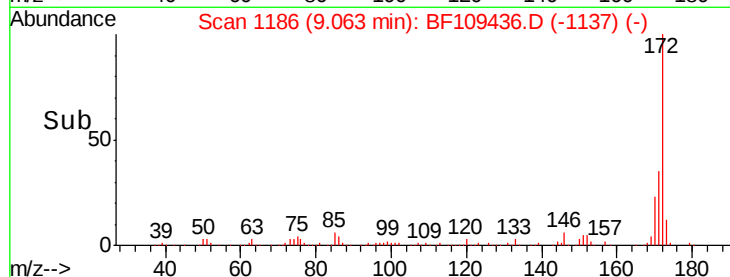
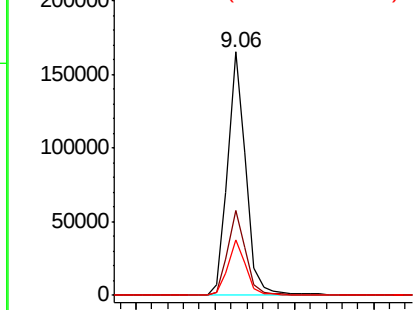
#44
2-Fluorobiphenyl
Concen: 14.578 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 131998
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 22.9 19.6 29.4

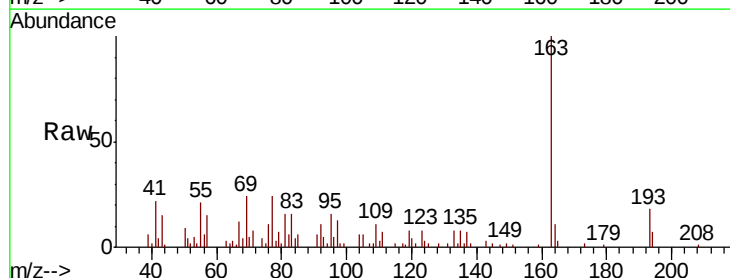


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

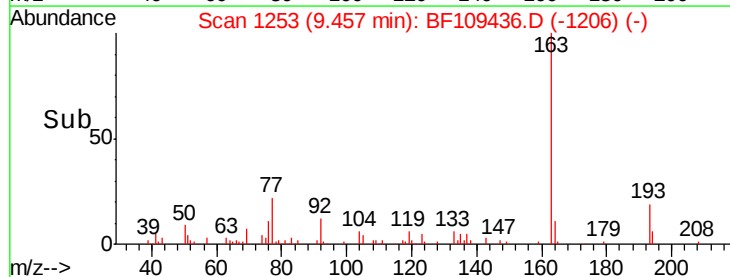
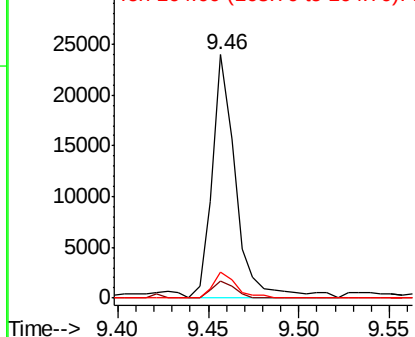


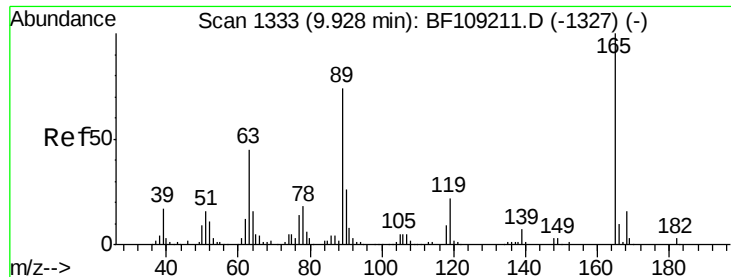
#49
Dimethylphthalate
Concen: 2.193 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Tgt Ion:163 Resp: 21785
Ion Ratio Lower Upper
163 100
194 7.0 2.7 4.1#
164 10.7 8.2 12.2



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

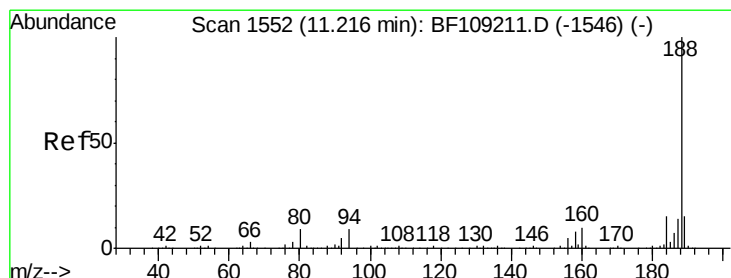
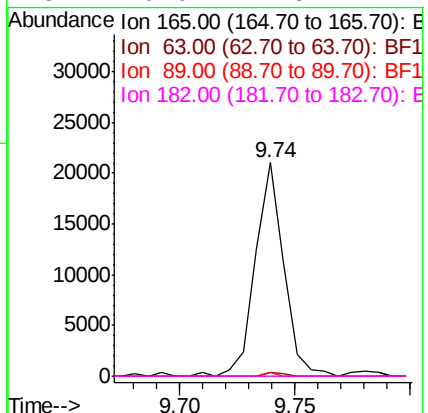
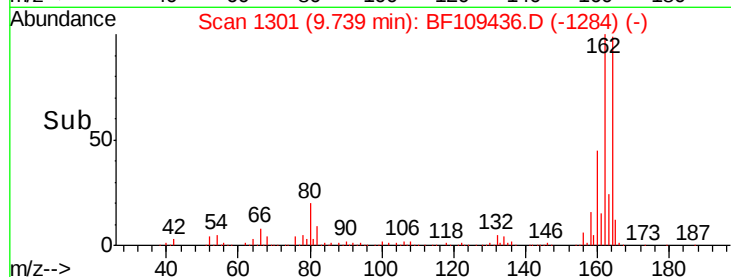
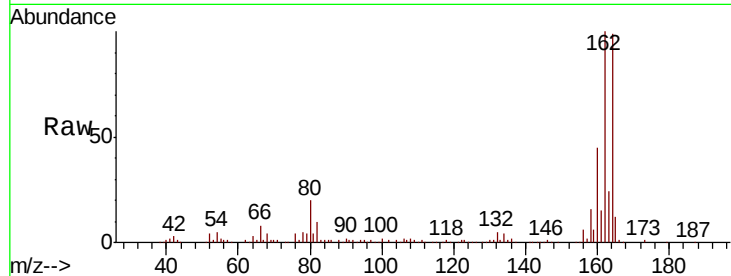




#56
 2,4-Dinitrotoluene
 Concen: 7.297 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

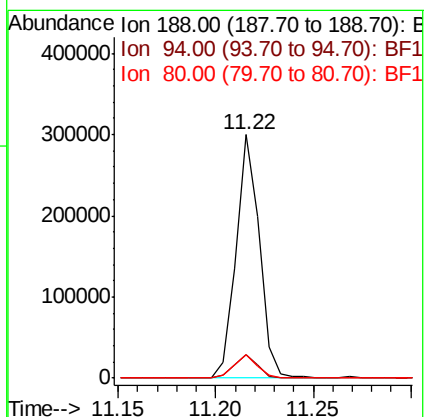
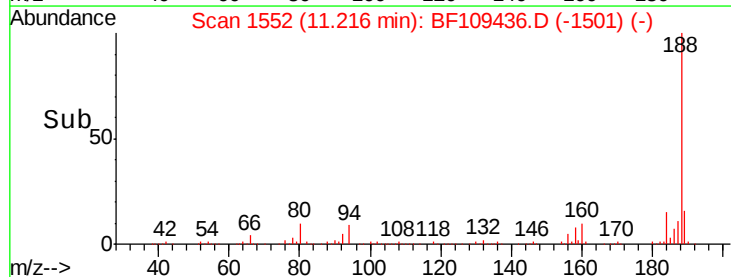
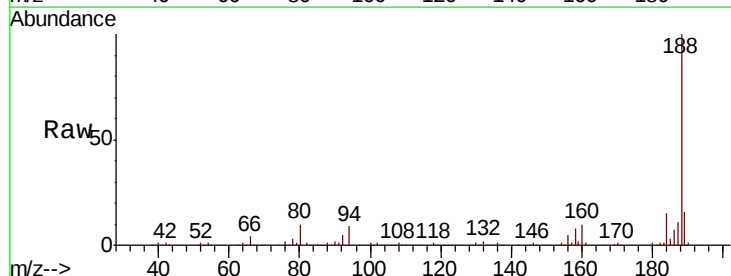
Instrument :
 BNA_F
 ClientSampleId :

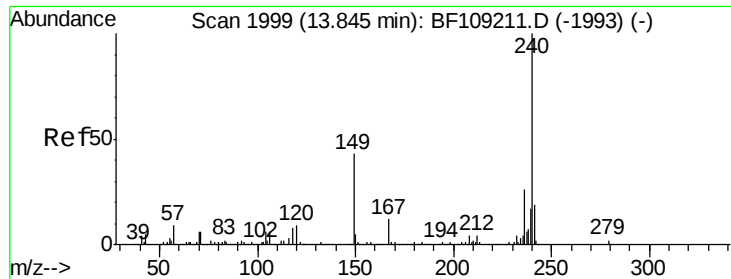
Tgt Ion:	165	Resp:	18162
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109436.D
 Acq: 28 Sep 2018 18:05

Tgt Ion:	188	Resp:	248418
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109436.D

Acq: 28 Sep 2018 18:05

Instrument :

BNA_F

ClientSampleId :

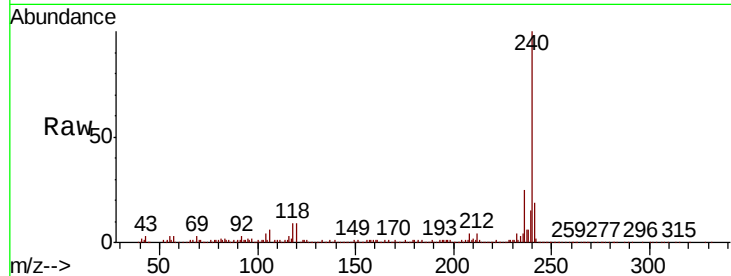
Tgt Ion:240 Resp: 218580

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

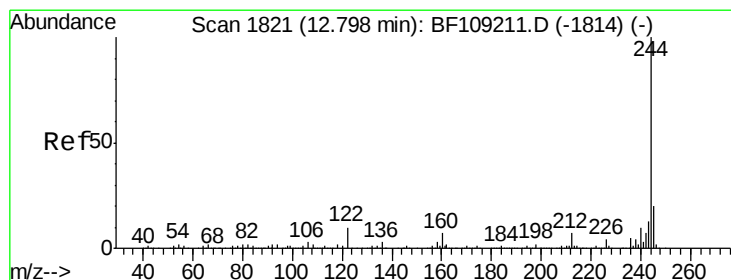
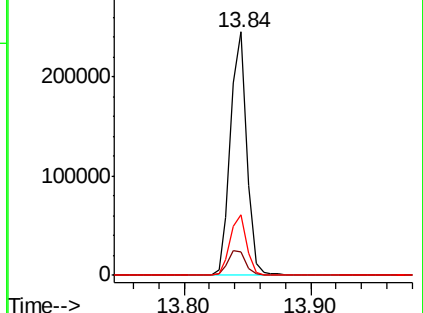
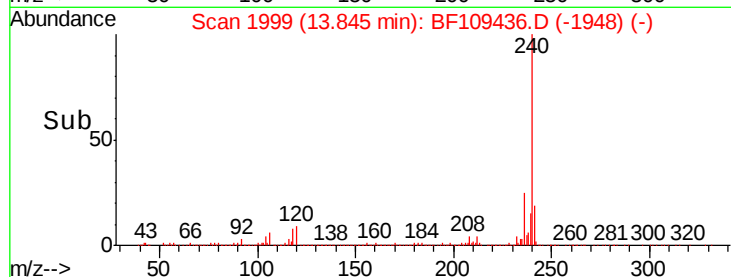
236 24.9 20.7 31.1



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: 13.593 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109436.D

Acq: 28 Sep 2018 18:05

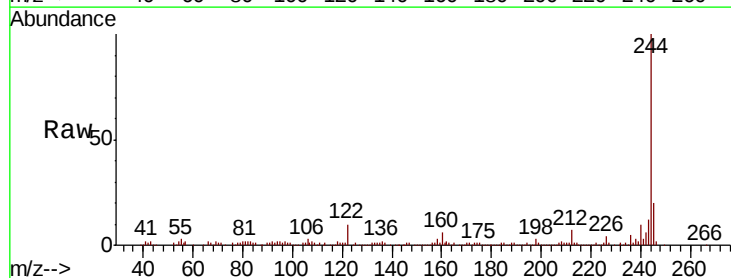
Tgt Ion:244 Resp: 121062

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

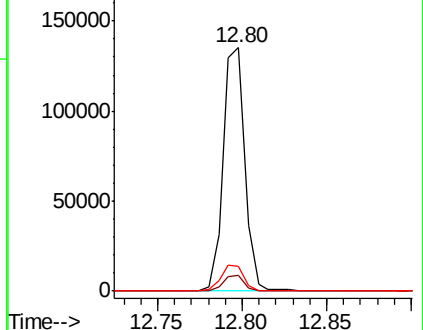
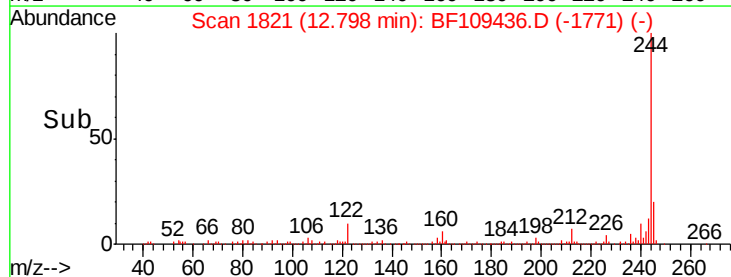
122 10.1 11.0 16.4#

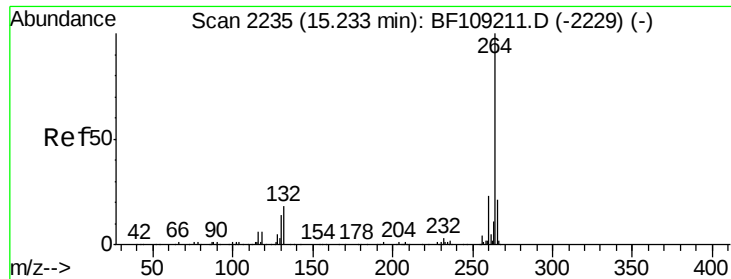


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109436.D
Acq: 28 Sep 2018 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

