

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109435.D
 Acq On : 28 Sep 2018 17:39
 Operator : JU/SJ
 Sample : J4777-35 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 18:18:11 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

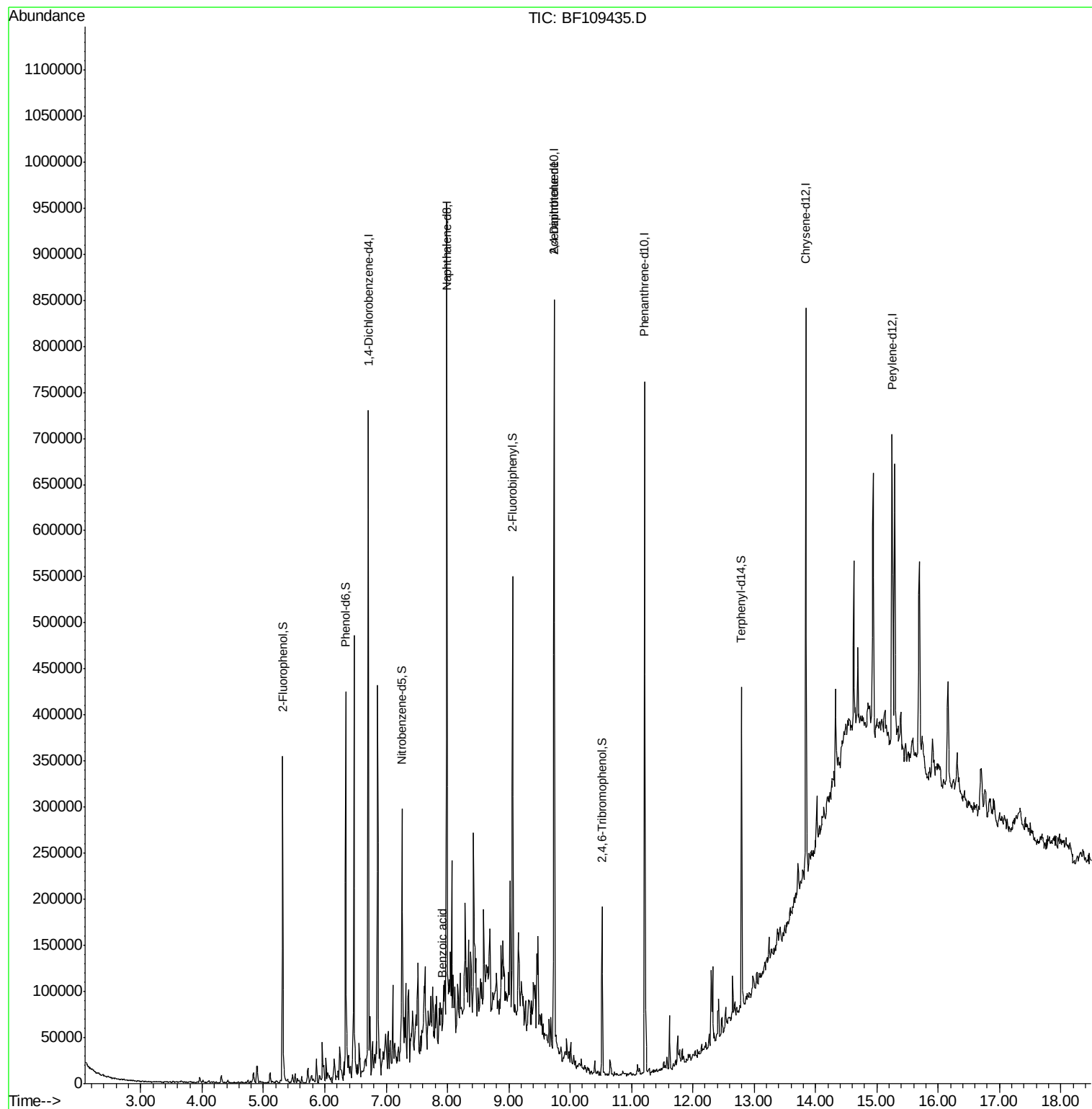
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	103082	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	355109	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	140431	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	246060	20.00	ng	0.00
75) Chrysene-d12	13.84	240	207073	20.00	ng	0.00
86) Perylene-d12	15.25	264	158315	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	104151	16.64	ng	0.00
7) Phenol-d6	6.34	99	130388	16.33	ng	-0.02
23) Nitrobenzene-d5	7.26	82	74800	12.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	20070	14.50	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	130288	13.99	ng	-0.01
78) Terphenyl-d14	12.79	244	112425	13.32	ng	-0.01
Target Compounds						
32) Benzoic acid	7.92	122	457	6.919	ng	# 78
56) 2,4-Dinitrotoluene	9.74	165	18657	7.289	ng	# 24

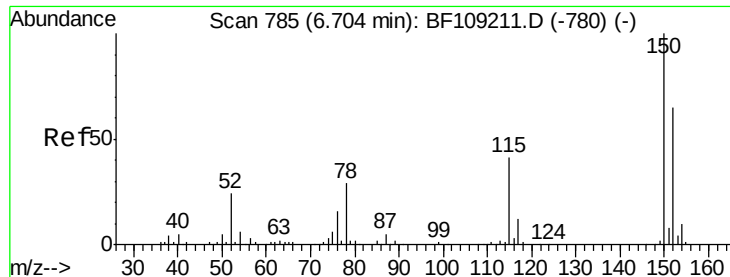
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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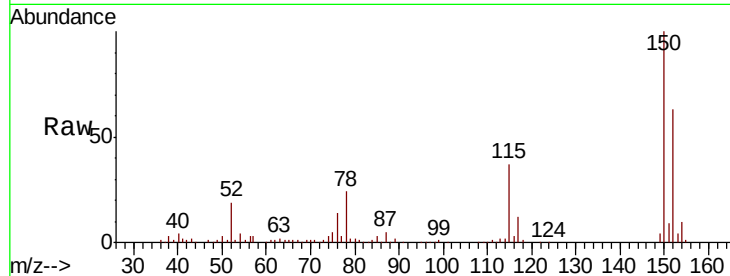


#1

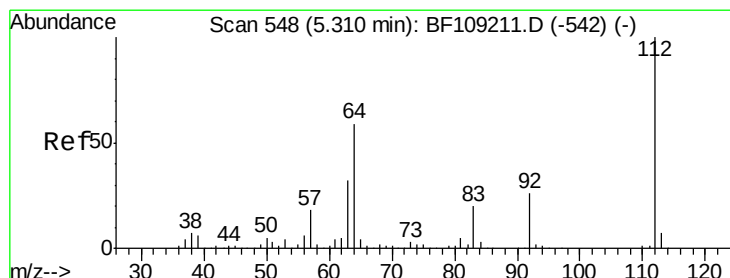
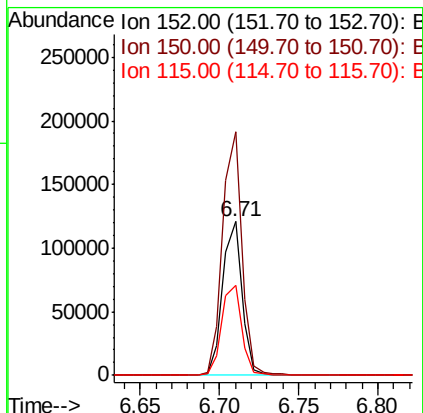
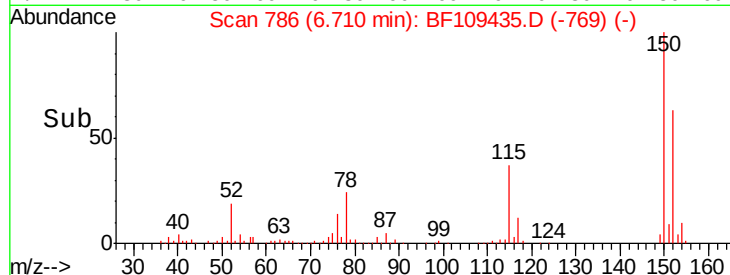
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 103082
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 58.4 50.1 75.1



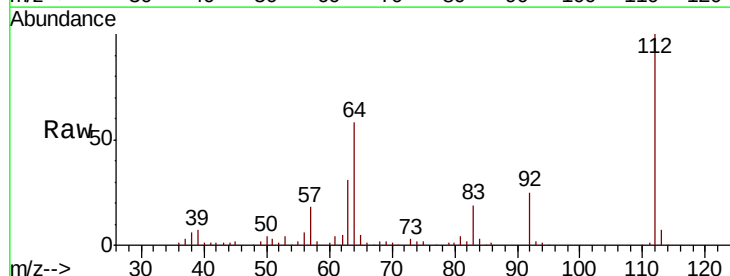
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



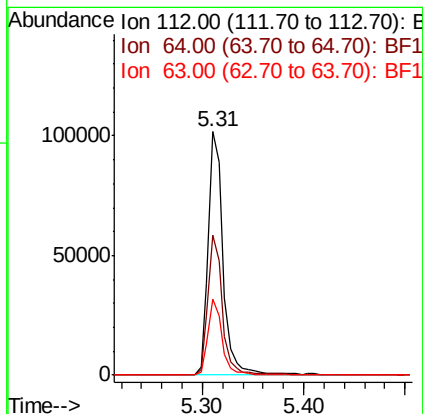
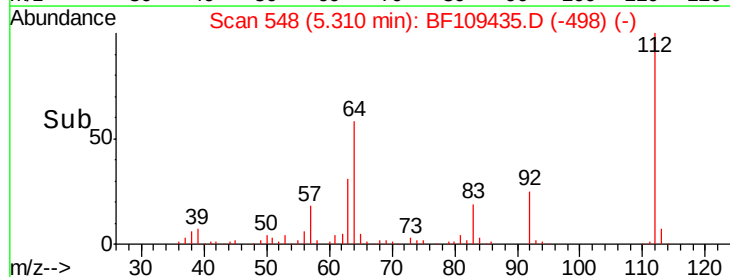
#5

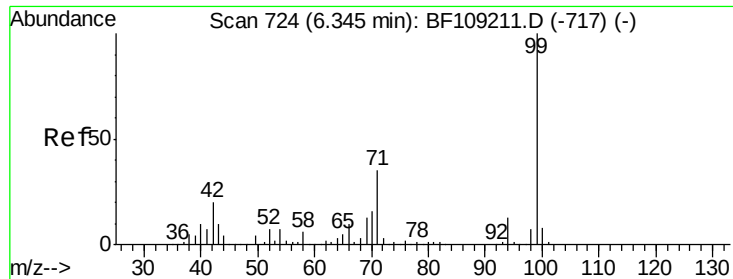
2-Fluorophenol
 Concen: 16.642 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion:112 Resp: 104151
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 31.1 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: 16.327 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109435.D

Acq: 28 Sep 2018 17:39

Instrument :

BNA_G

ClientSampleId :

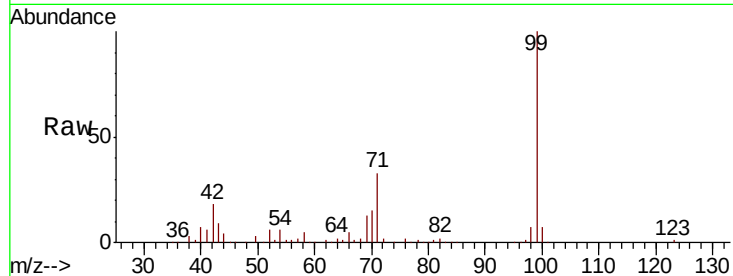
Tot Ion: 99 Resp: 130388

Ion Ratio Lower Upper

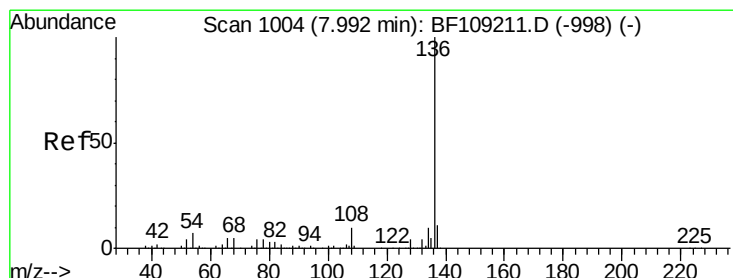
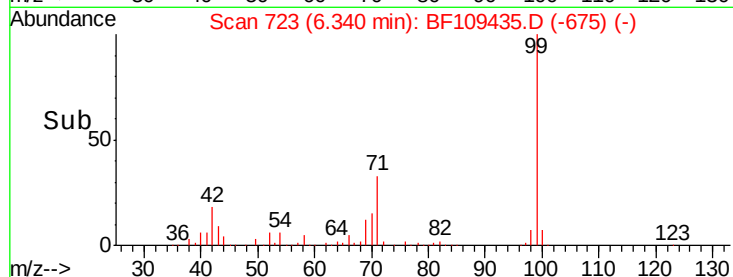
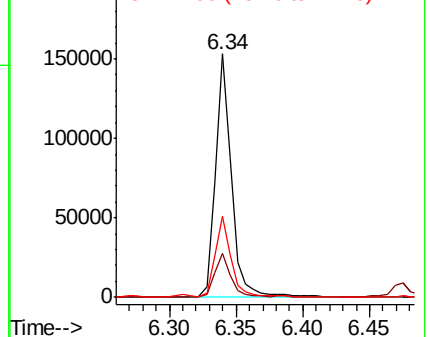
99 100

42 17.8 14.5 21.7

71 33.5 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: BF109435.D

Acq: 28 Sep 2018 17:39

Tgt Ion: 136 Resp: 355109

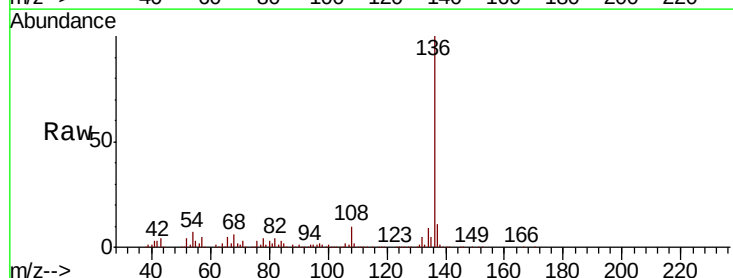
Ion Ratio Lower Upper

136 100

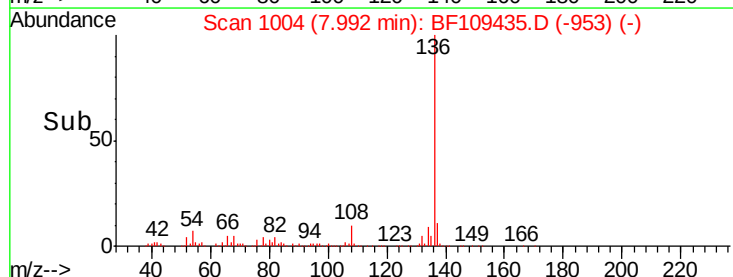
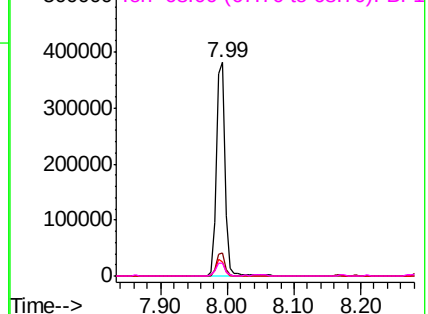
137 11.0 8.9 13.3

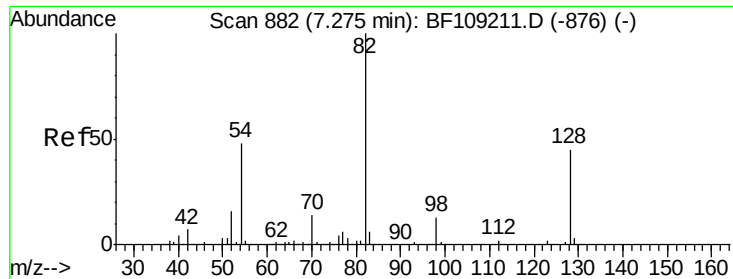
54 6.9 6.6 9.8

68 5.7 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

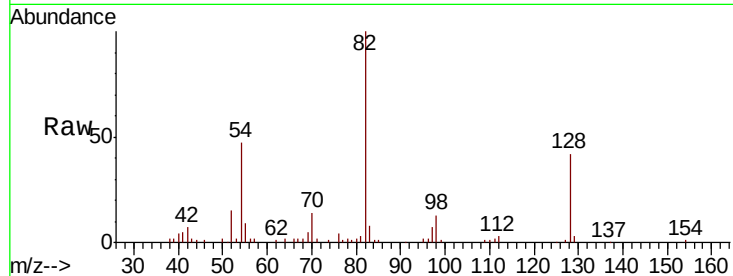




#23
 Nitrobenzene-d5
 Concen: 12.434 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	74800
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	42.1		
54	47.3		
	41.4		
	62.2		

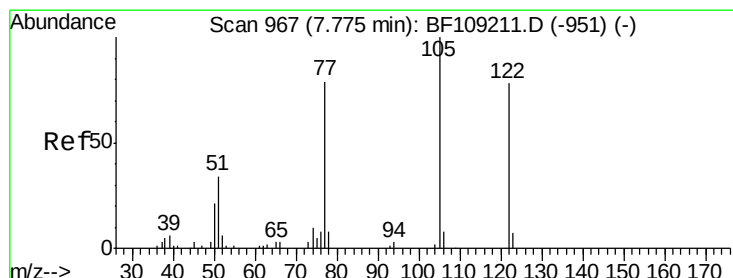
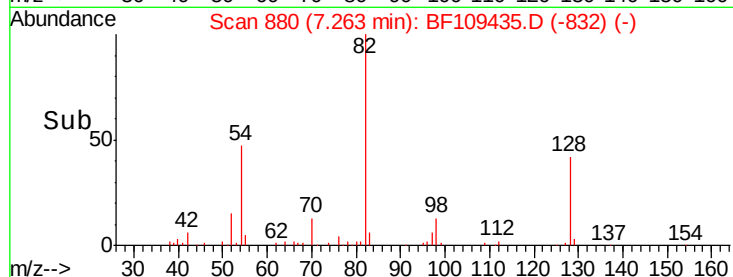
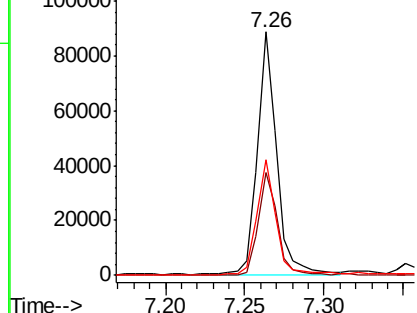


Abundance

Ion 82.00 (81.70 to 82.70): BF1

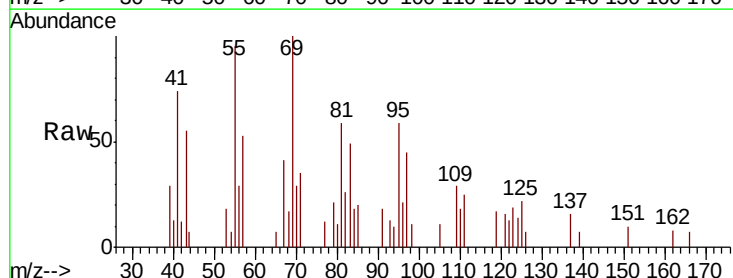
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#32
 Benzoic acid
 Concen: 6.919 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.09 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion	122	Resp	457
Ion Ratio	100		
Lower	101.1		
Upper	141.1#		
105	83.3		
77	96.3		
	70.7		
	110.7		

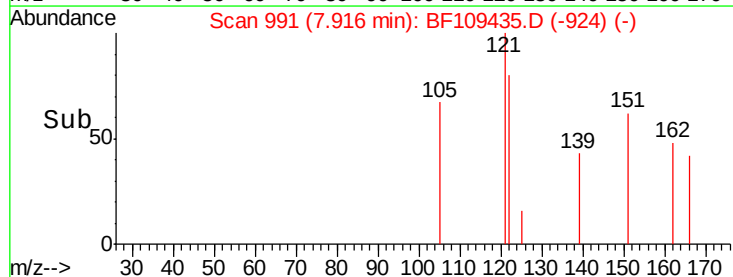
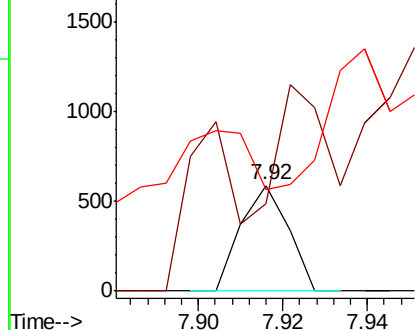


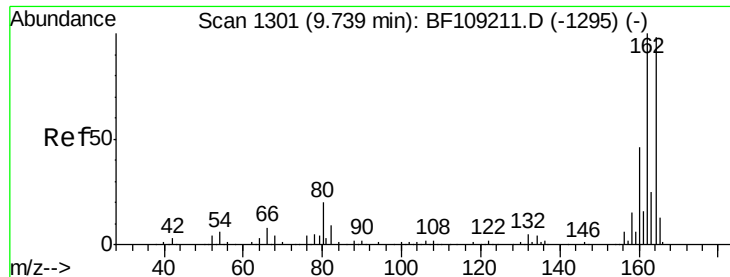
Abundance

Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

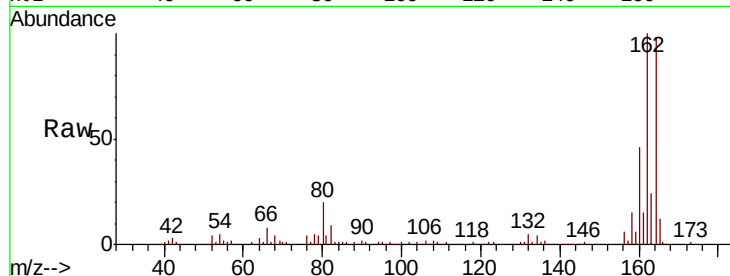




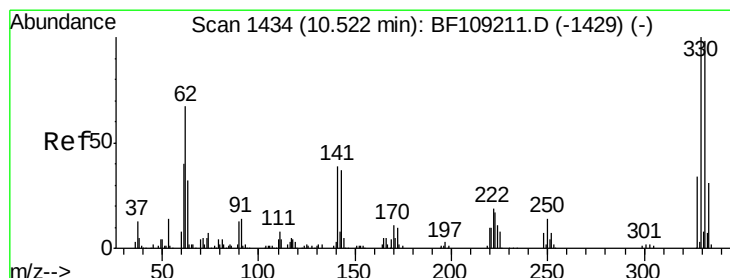
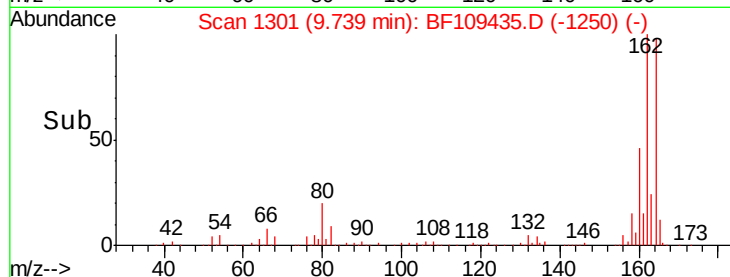
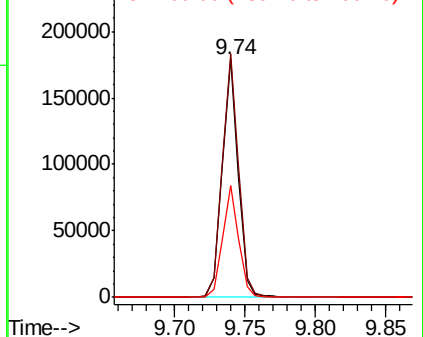
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 140431
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 47.1 38.3 57.5

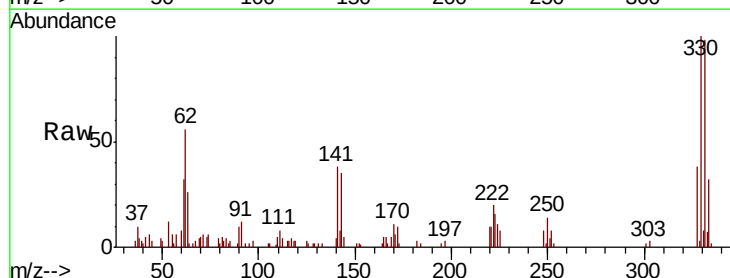


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

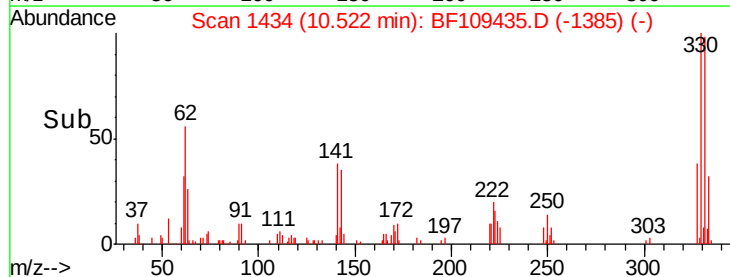
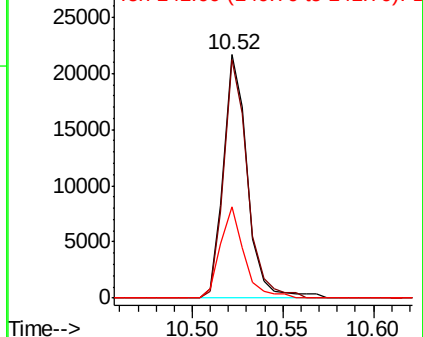


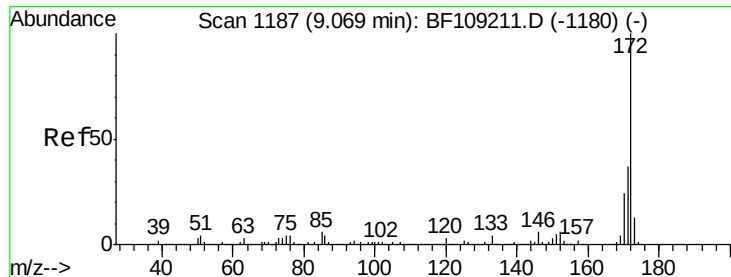
#41
 2,4,6-Tribromophenol
 Concen: 14.498 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion:330 Resp: 20070
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 37.4 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

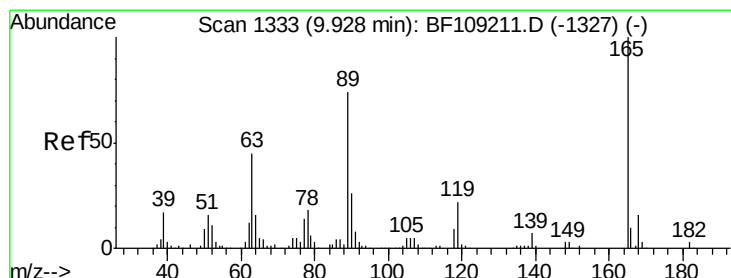
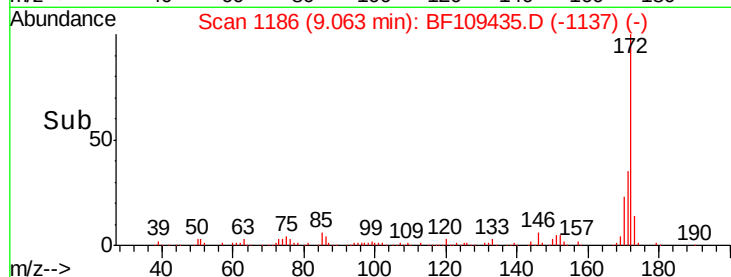
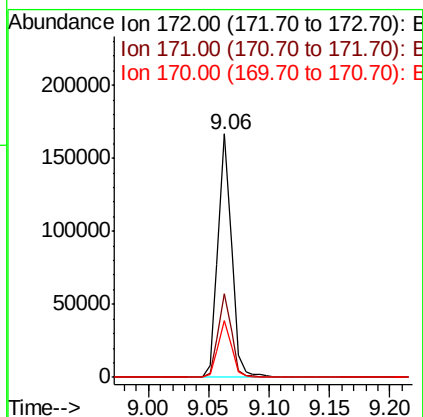
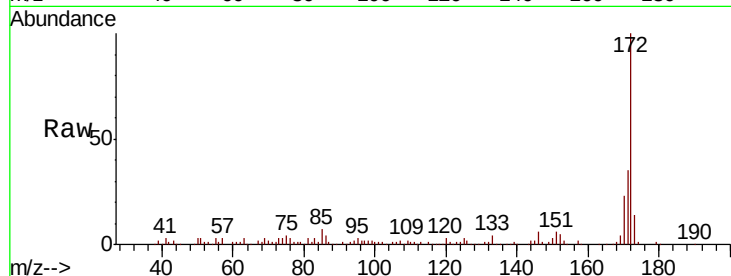




#44
2-Fluorobiphenyl
Concen: 13.993 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

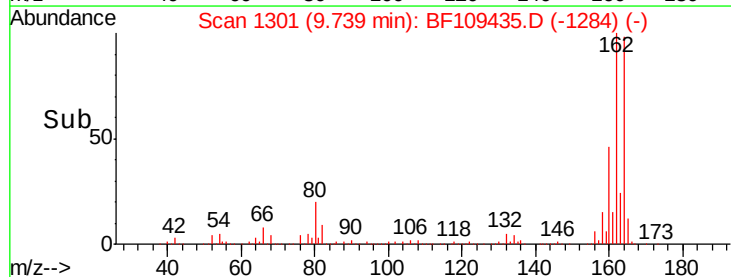
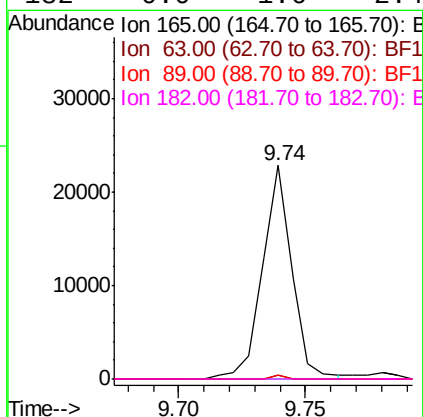
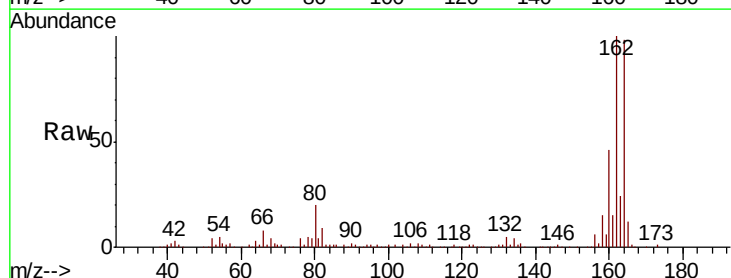
Instrument :
BNA_G
ClientSampleId :

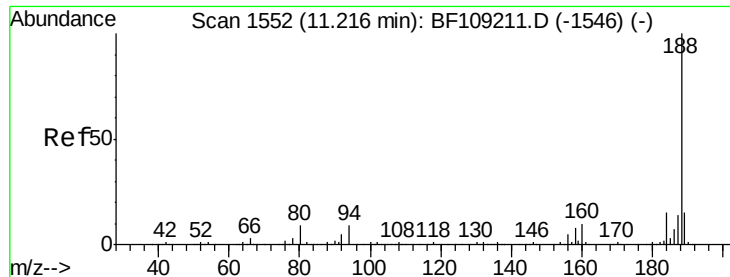
Tot Ion:172 Resp: 130288
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 23.3 19.6 29.4



#56
2,4-Dinitrotoluene
Concen: 7.289 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

Tgt Ion:165 Resp: 18657
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

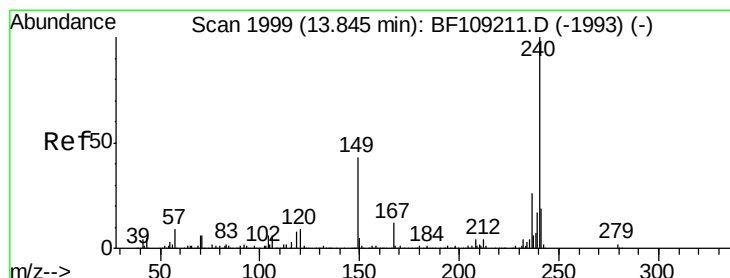
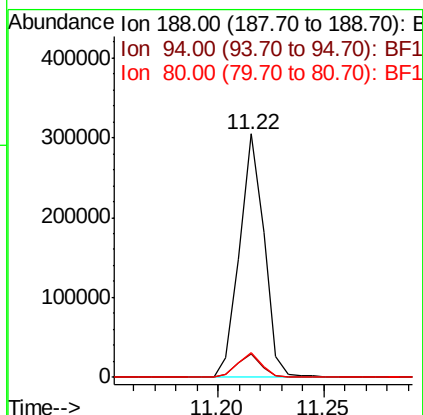
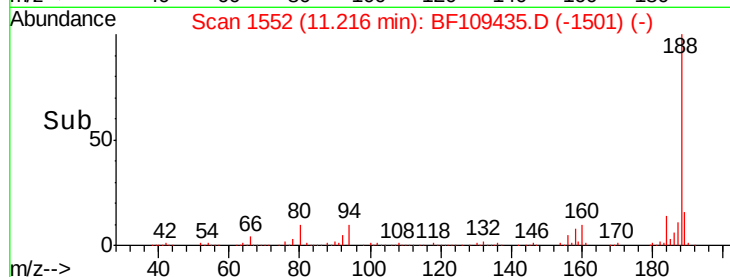
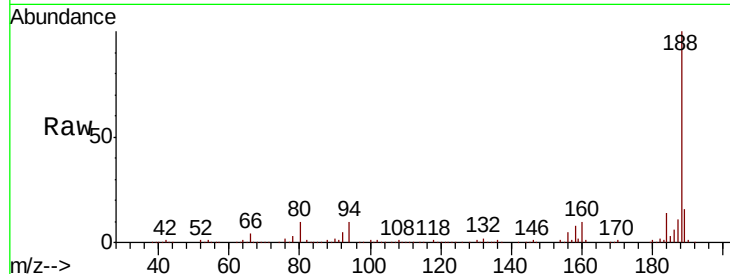




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

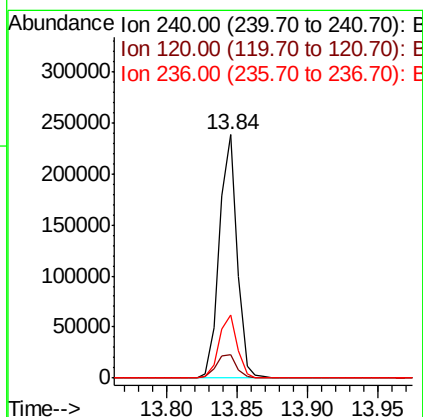
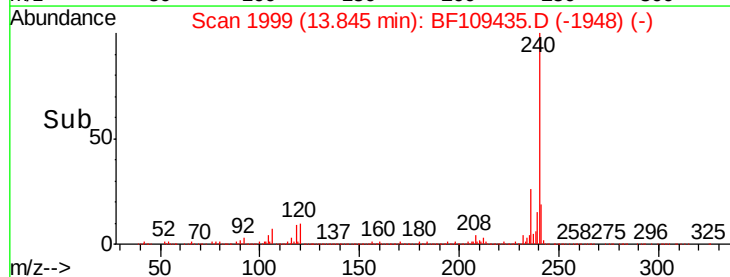
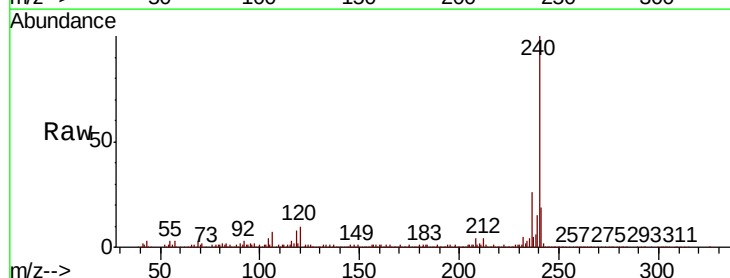
Instrument :
BNA_G
ClientSampleId :

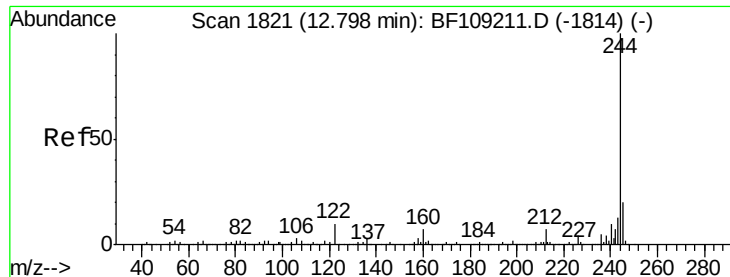
Tot Ion:188 Resp: 246060
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109435.D
Acq: 28 Sep 2018 17:39

Tgt Ion:240 Resp: 207073
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.9 20.7 31.1

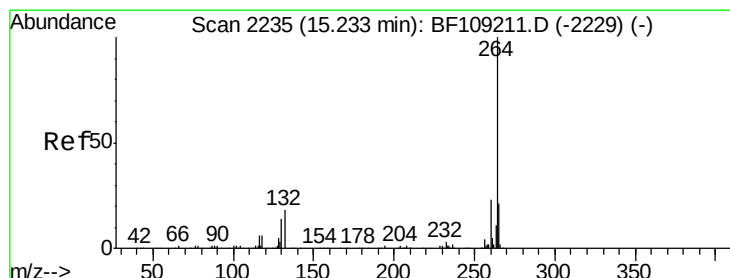
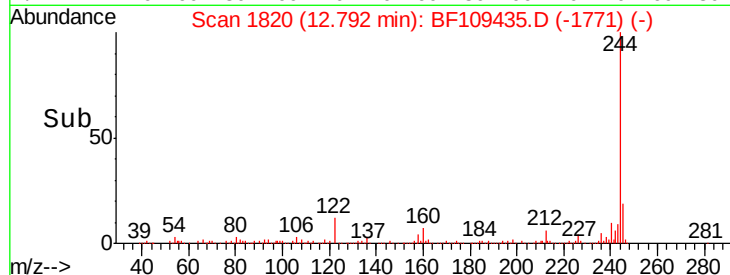
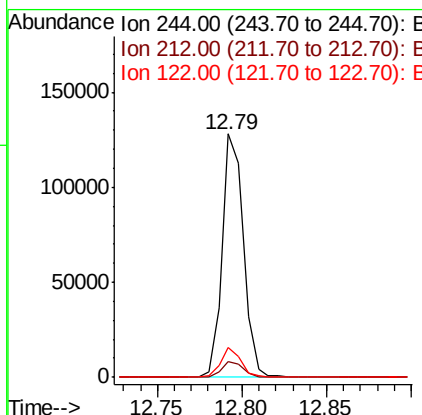
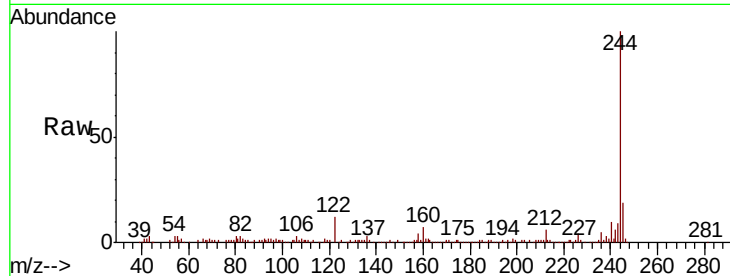




#78
 Terphenyl-d14
 Concen: 13.324 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109435.D
 Acq: 28 Sep 2018 17:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

