

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109434.D
 Acq On : 28 Sep 2018 17:12
 Operator : JU/SJ
 Sample : J4777-33 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 18:18:04 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

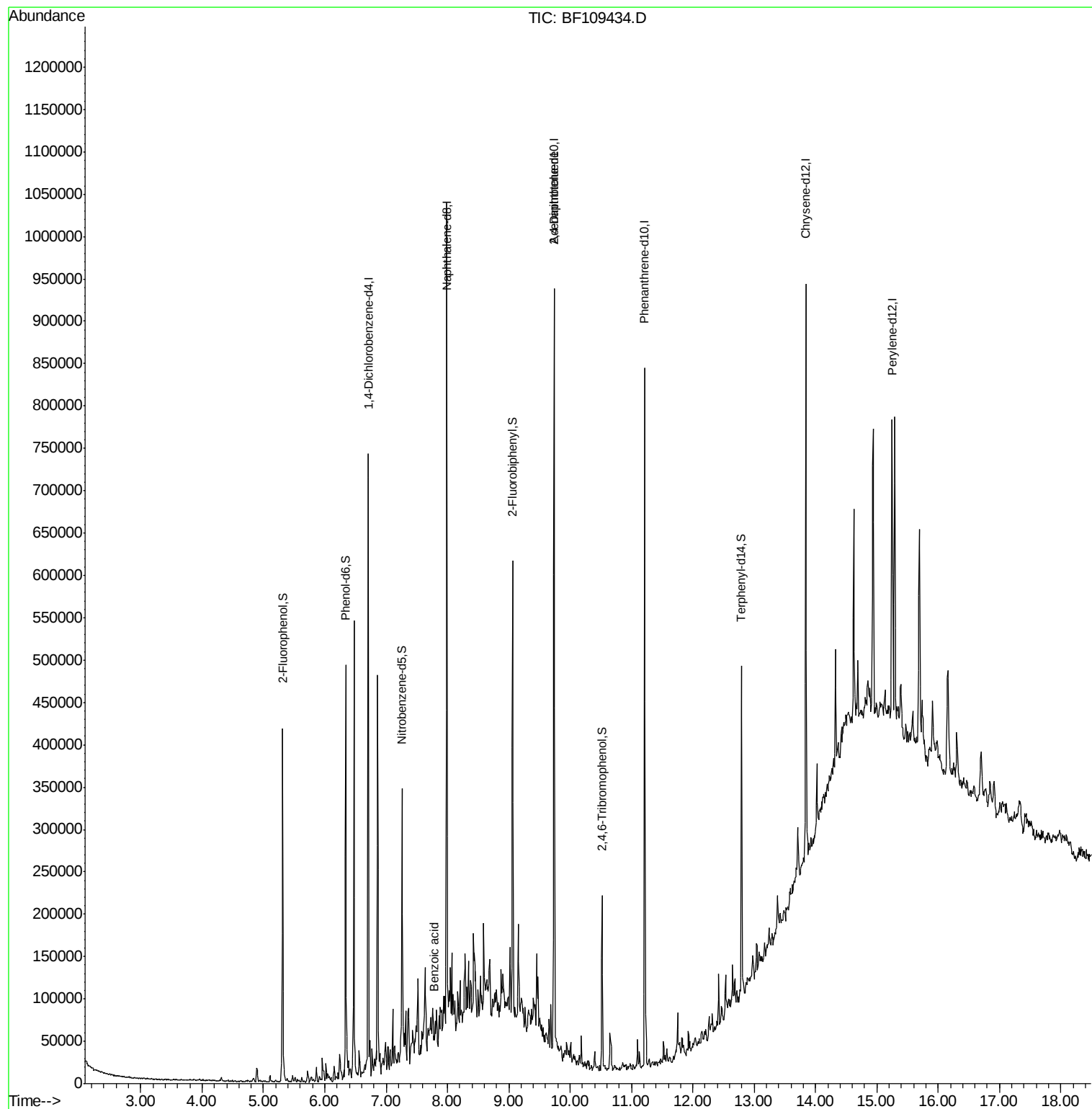
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109566	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	393189	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	153686	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	267538	20.00	ng	0.00
75) Chrysene-d12	13.84	240	222339	20.00	ng	0.00
86) Perylene-d12	15.25	264	173214	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	120333	18.09	ng	0.00
7) Phenol-d6	6.34	99	151719	17.87	ng	-0.02
23) Nitrobenzene-d5	7.26	82	87904	13.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23139	15.27	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	152562	14.97	ng	-0.01
78) Terphenyl-d14	12.79	244	125945	13.90	ng	-0.01
Target Compounds						
32) Benzoic acid	7.79	122	112	6.824	ng	# 10
56) 2,4-Dinitrotoluene	9.74	165	21360	7.625	ng	# 23

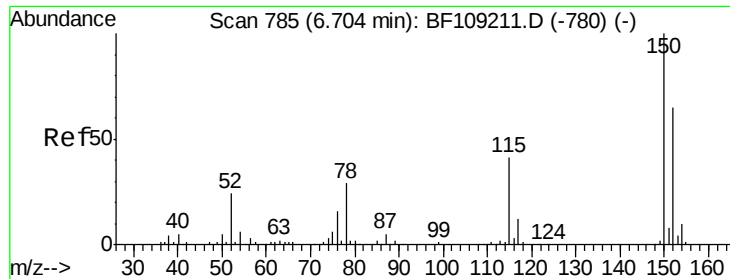
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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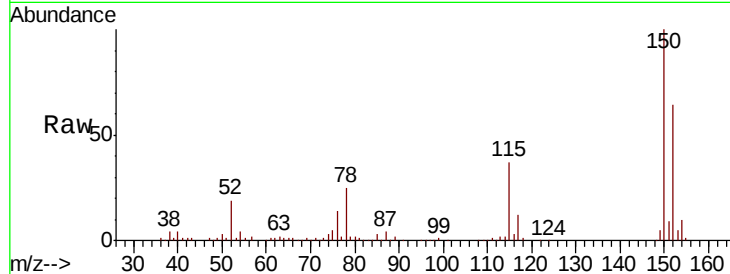


#1

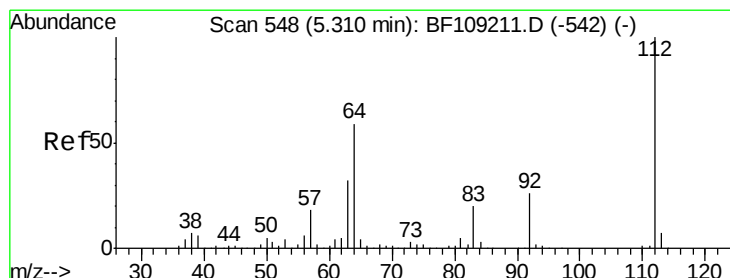
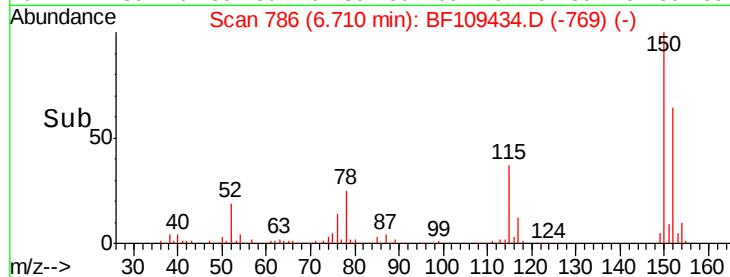
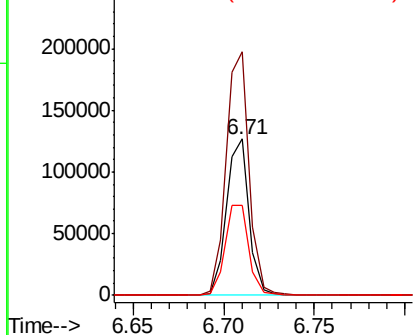
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 109566
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 57.7 50.1 75.1



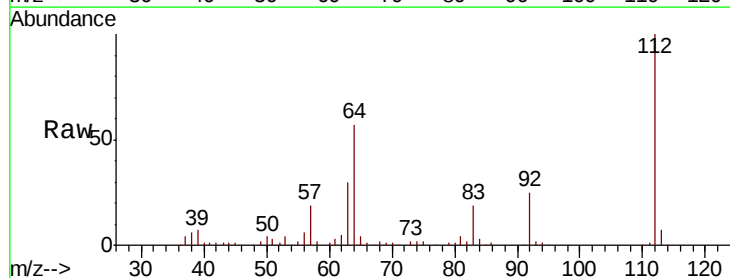
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



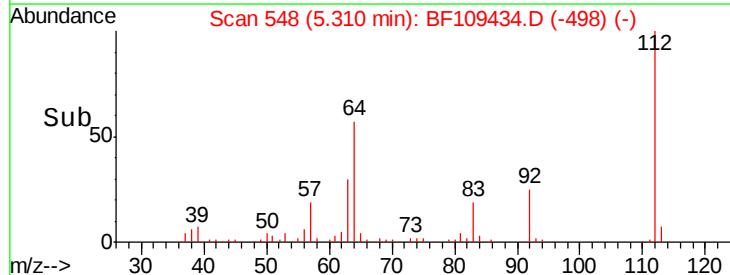
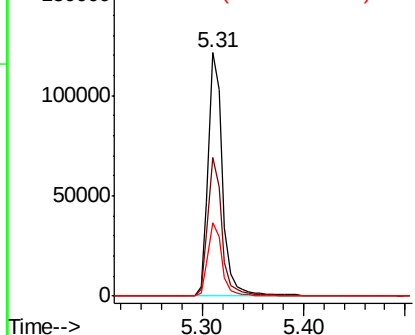
#5

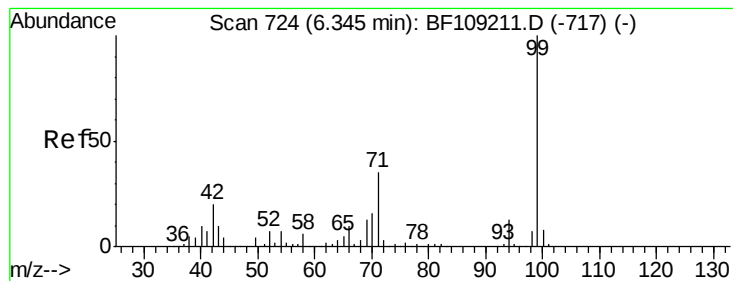
2-Fluorophenol
Concen: 18.089 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

Tgt Ion:112 Resp: 120333
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 30.2 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: 17.874 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109434.D

Acq: 28 Sep 2018 17:12

Instrument :

BNA_G

ClientSampled :

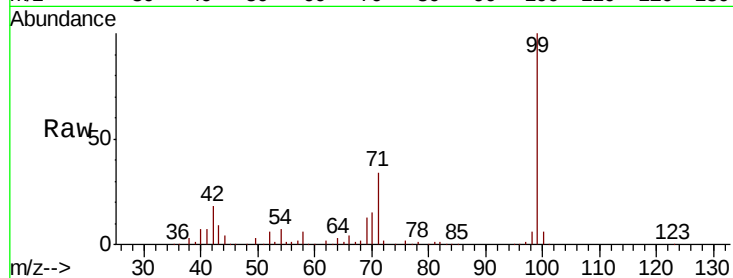
Tot Ion: 99 Resp: 151719

Ion Ratio Lower Upper

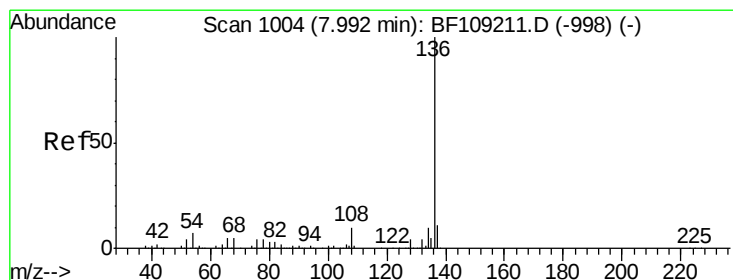
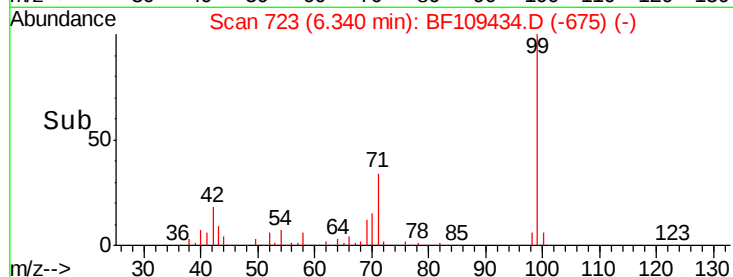
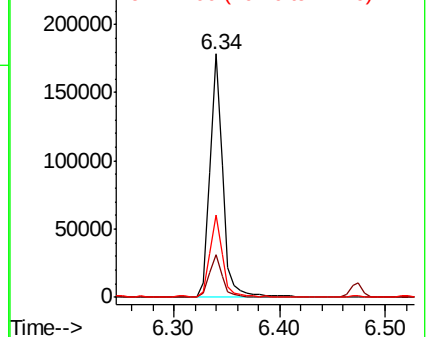
99 100

42 17.5 14.5 21.7

71 33.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109434.D

Acq: 28 Sep 2018 17:12

Tgt Ion: 136 Resp: 393189

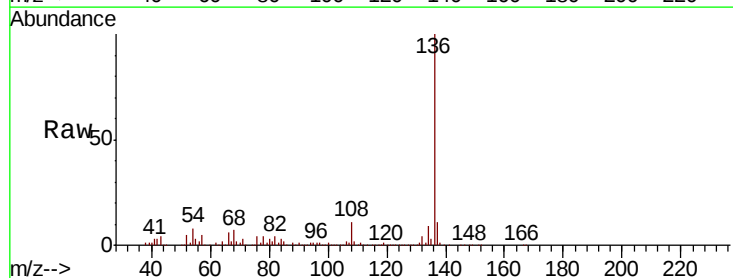
Ion Ratio Lower Upper

136 100

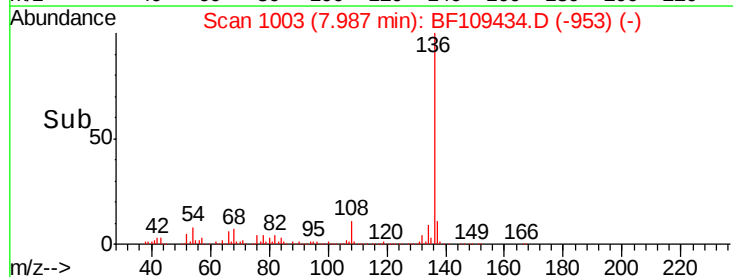
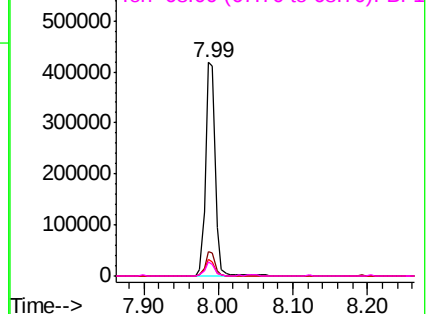
137 11.2 8.9 13.3

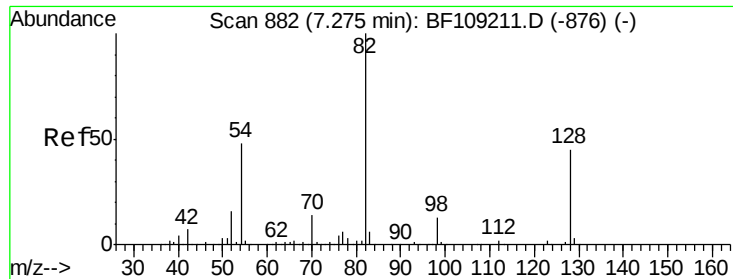
54 7.9 6.6 9.8

68 6.6 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

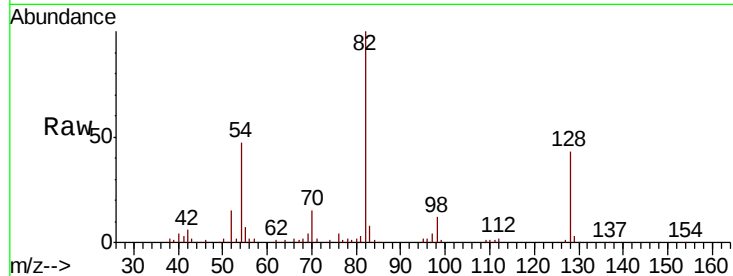




#23
 Nitrobenzene-d5
 Concen: 13.197 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	87904
Ion Ratio	100	Lower	Upper
128	43.5	36.1	54.1
54	46.6	41.4	62.2

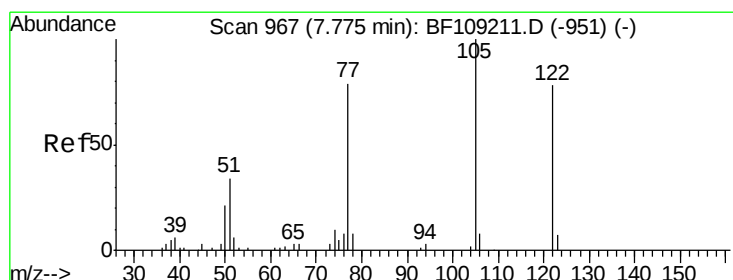
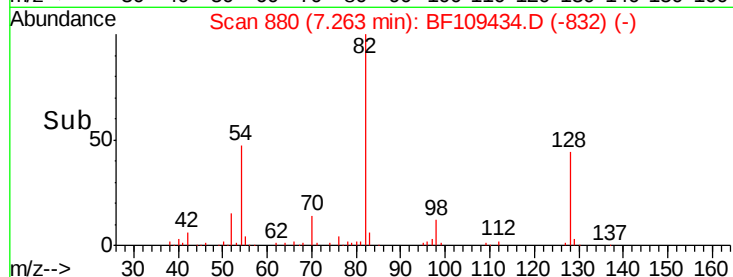
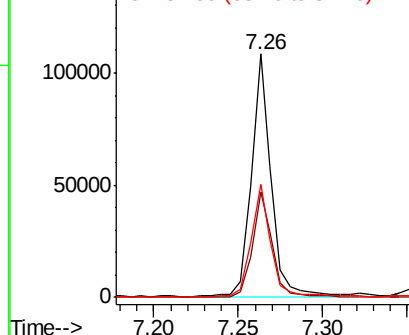


Abundance

Ion 82.00 (81.70 to 82.70): BF1

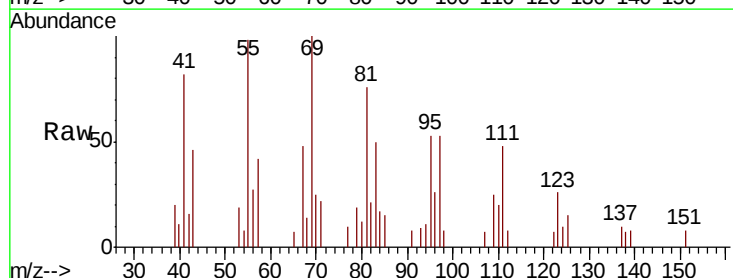
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#32
 Benzoic acid
 Concen: 6.824 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.03 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion	122	Resp	112
Ion Ratio	100	Lower	Upper
105	0.0	101.1	141.1#
77	152.2	70.7	110.7#

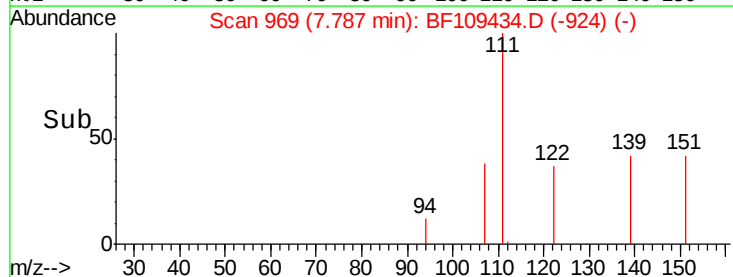
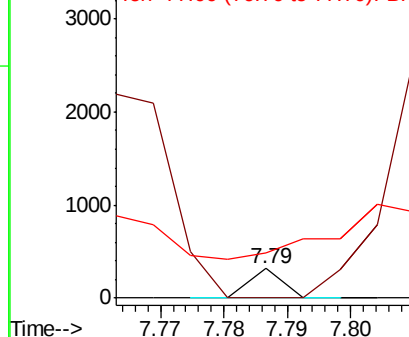


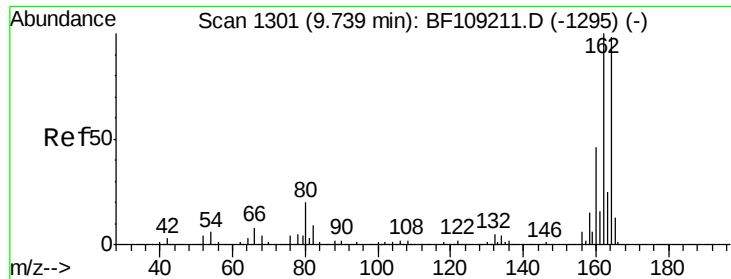
Abundance

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

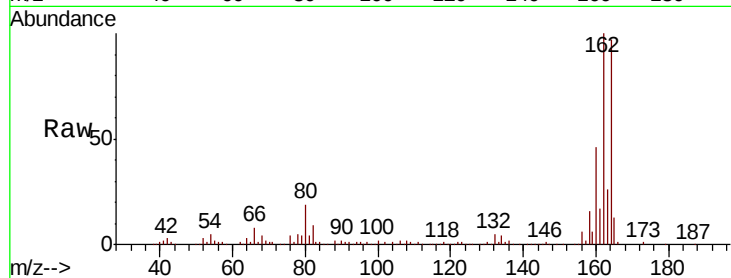




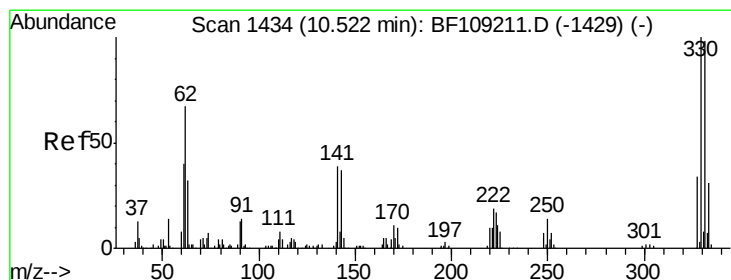
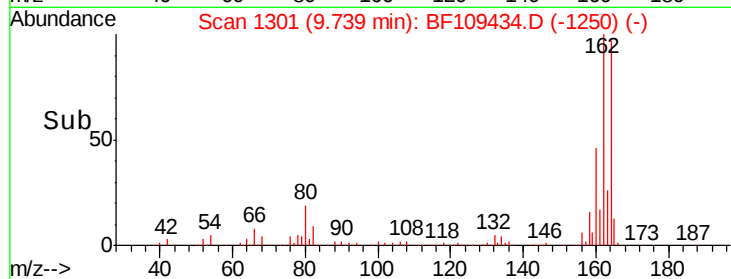
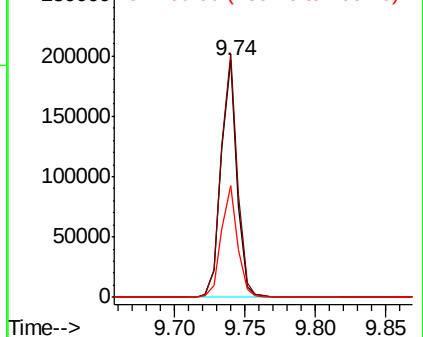
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 153686
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.1 38.3 57.5

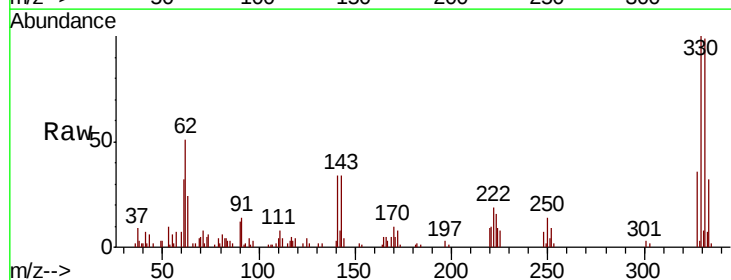


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

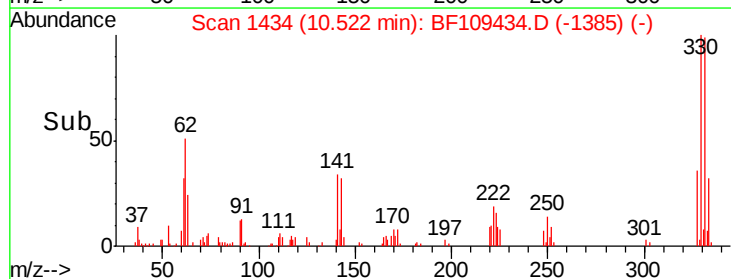
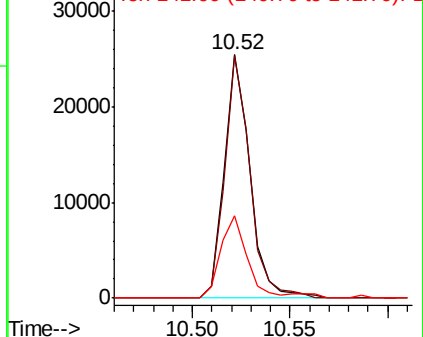


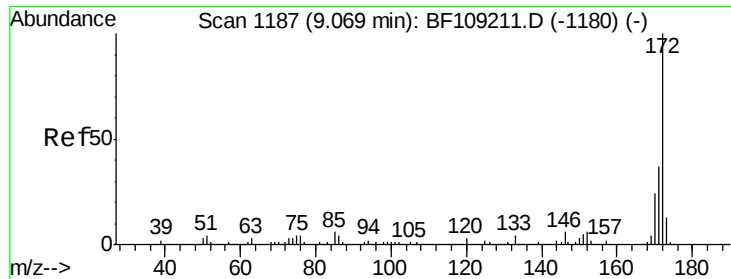
#41
 2,4,6-Tribromophenol
 Concen: 15.273 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion:330 Resp: 23139
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 36.5 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

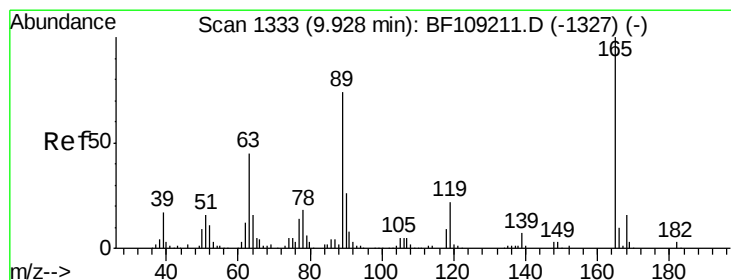
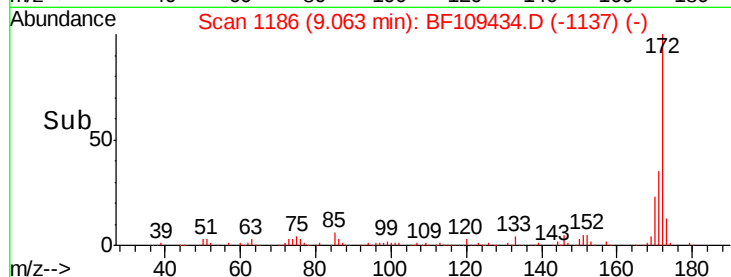
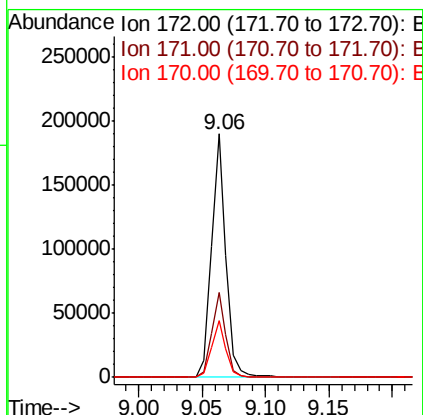
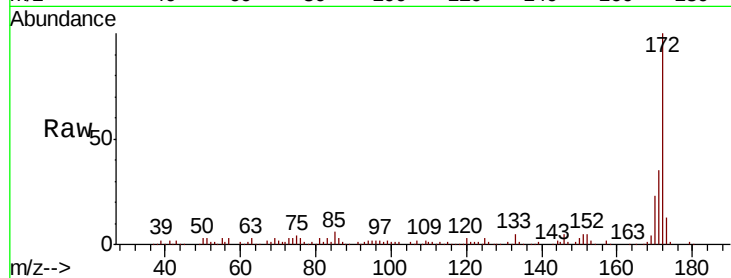




#44
 2-Fluorobiphenyl
 Concen: 14.972 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

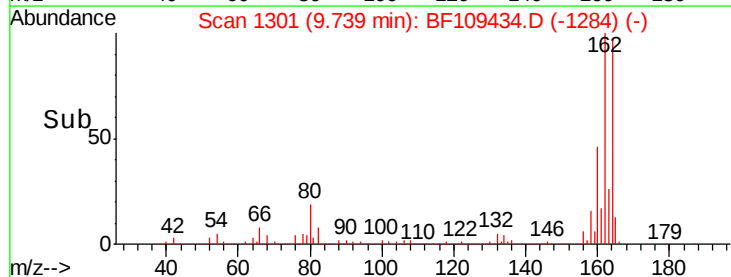
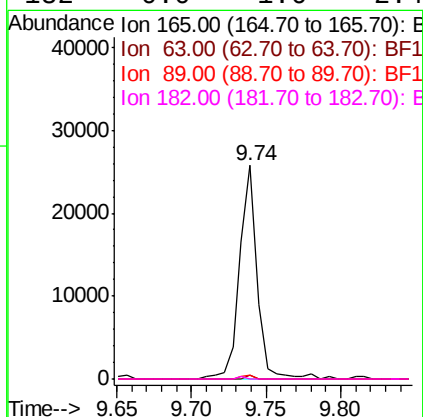
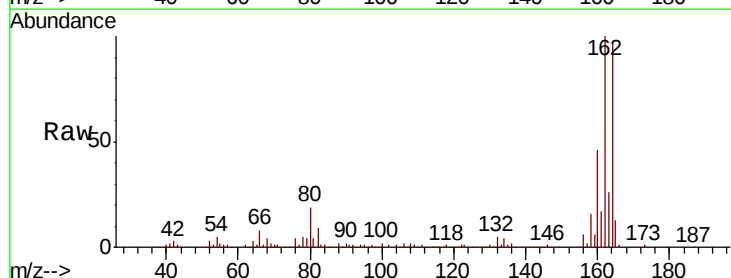
Instrument :
 BNA_G
 ClientSampleId :

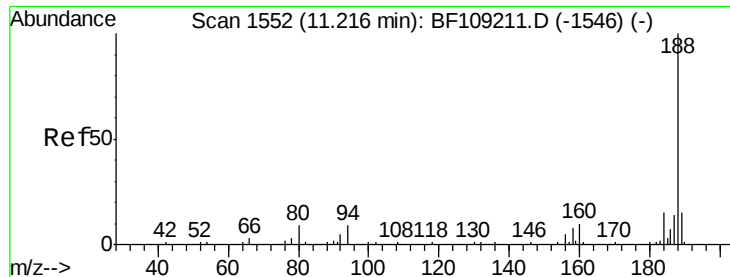
Tot Ion:172 Resp: 152562
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.5 19.6 29.4



#56
 2,4-Dinitrotoluene
 Concen: 7.625 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion:165 Resp: 21360
 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#

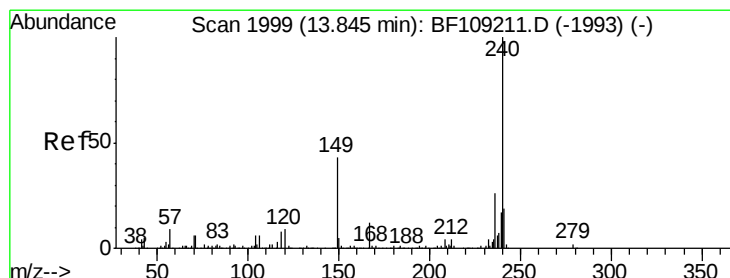
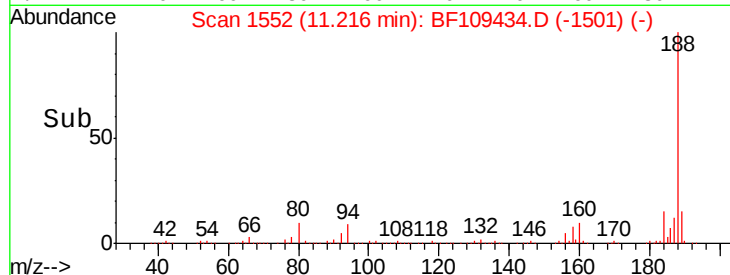
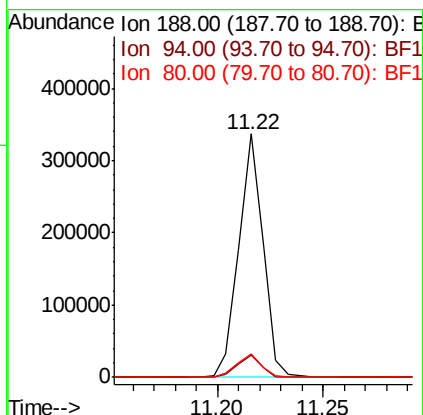
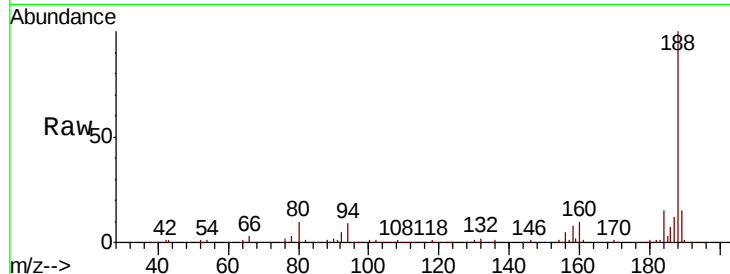




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

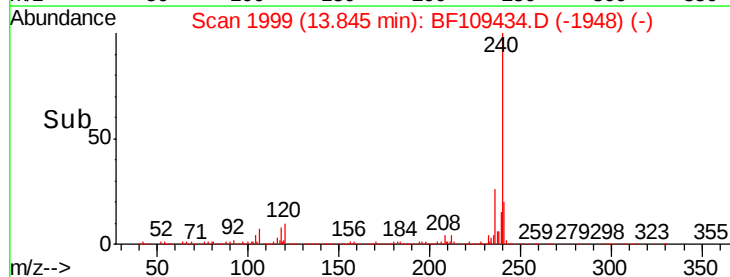
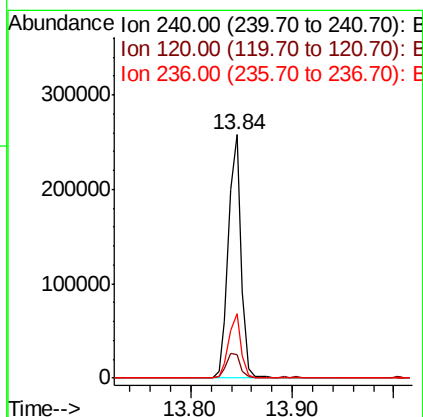
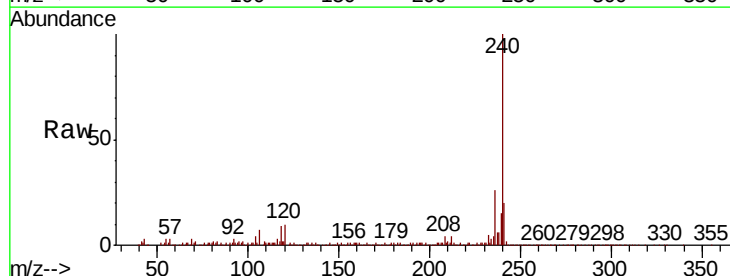
Instrument :
BNA_G
ClientSampled :

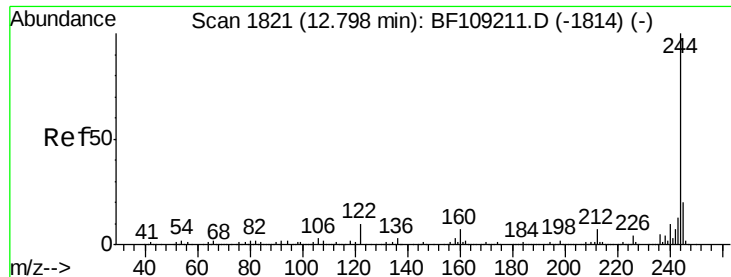
Tot Ion:188 Resp: 267538
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109434.D
Acq: 28 Sep 2018 17:12

Tgt Ion:240 Resp: 222339
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.5 20.7 31.1

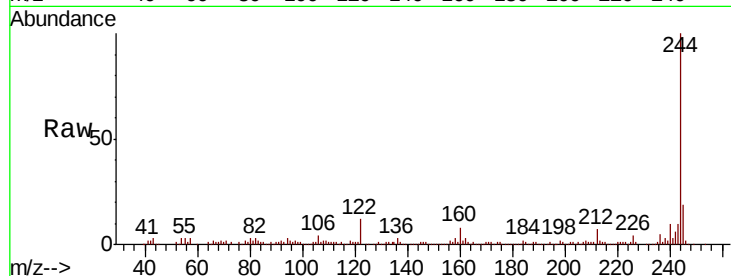




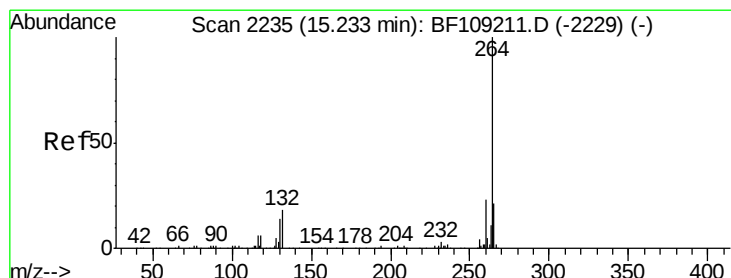
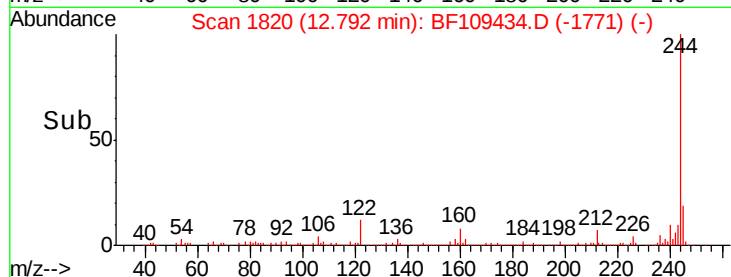
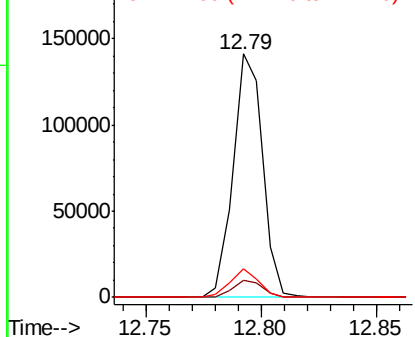
#78
 Terphenyl-d14
 Concen: 13.902 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 125945
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4

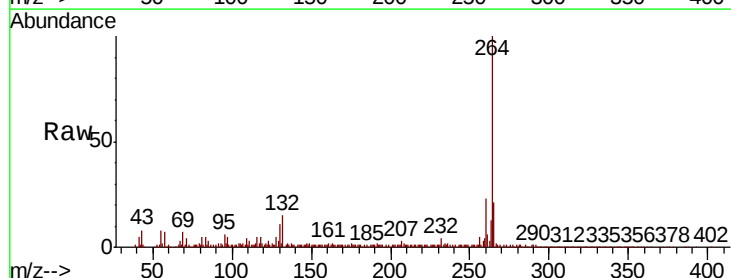


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109434.D
 Acq: 28 Sep 2018 17:12

Tgt Ion:264 Resp: 173214
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.3 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

