

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109194.D
 Acq On : 20 Sep 2018 20:53
 Operator : JU/SJ
 Sample : J4993-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-SLUDGE

Quant Time: Sep 21 07:50:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

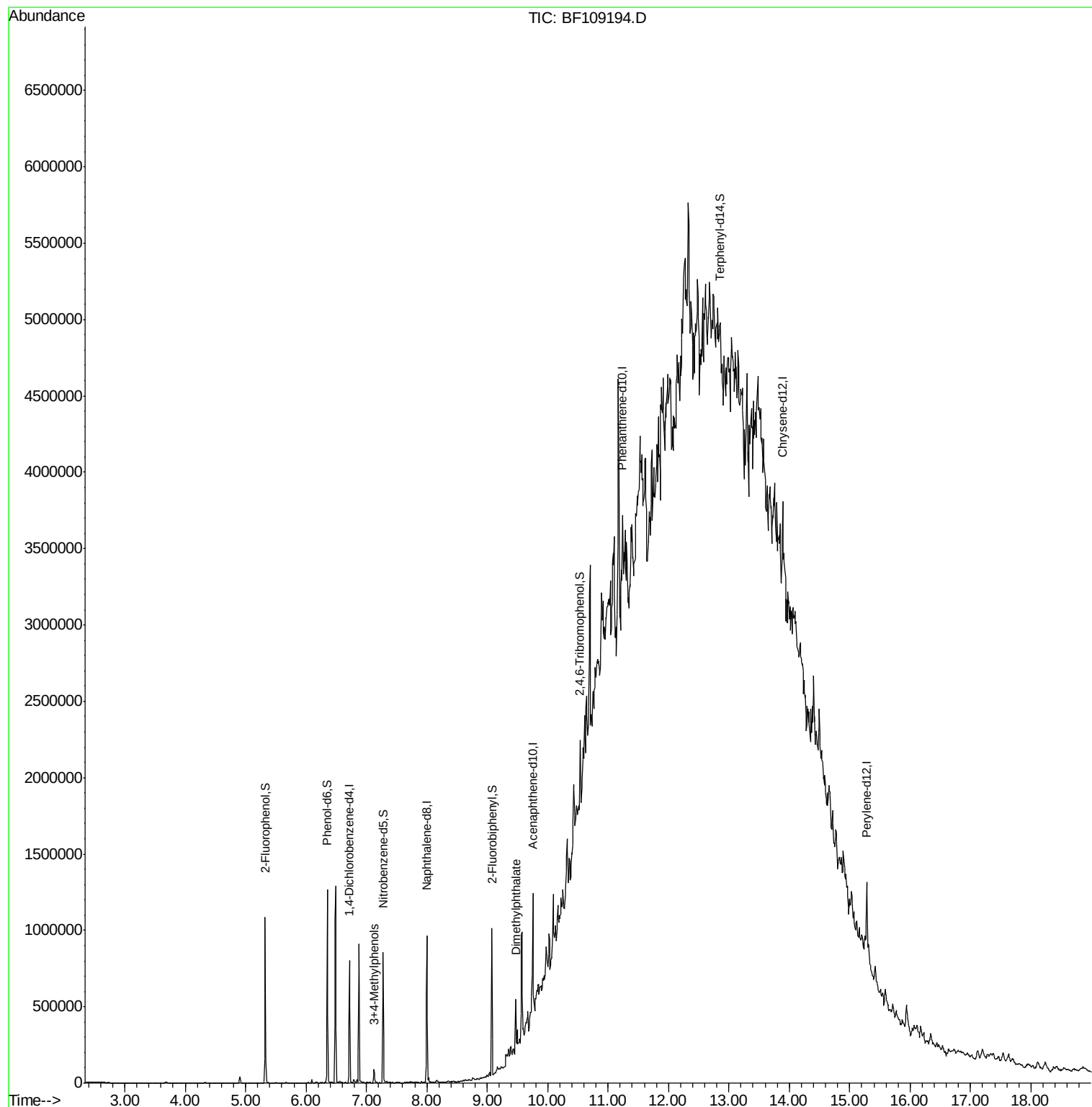
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	100155	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	369625	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	126804	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	135010	20.00	ng	0.01
75) Chrysene-d12	13.89	240	156743	20.00	ng	0.03
86) Perylene-d12	15.28	264	238156	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	284247	47.14	ng	0.00
7) Phenol-d6	6.35	99	362123	46.57	ng	0.00
23) Nitrobenzene-d5	7.28	82	243548	36.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	50160	36.45	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	271691	33.57	ng	0.00
78) Terphenyl-d14	12.84	244	134714	20.37	ng	0.03
Target Compounds						
20) 3+4-Methylphenols	7.12	107	17411	2.626	ng	# 84
49) Dimethylphthalate	9.47	163	128522	14.181	ng	# 99

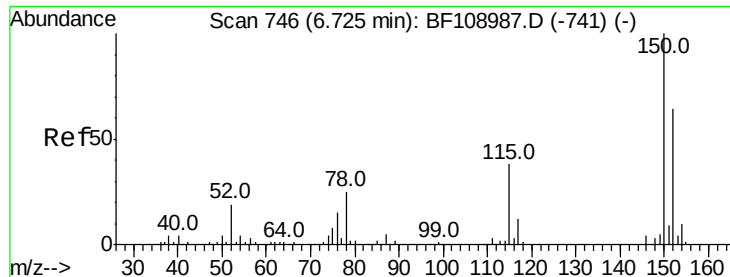
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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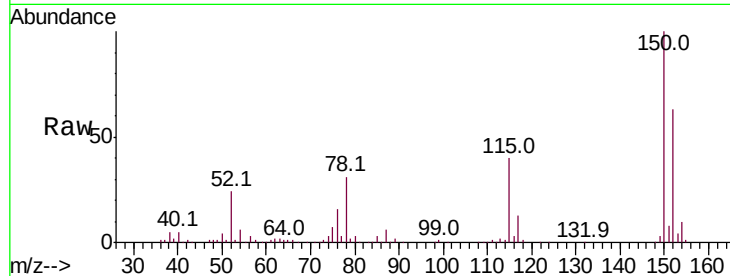


#1

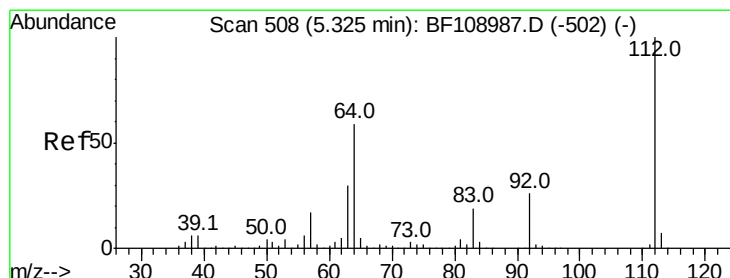
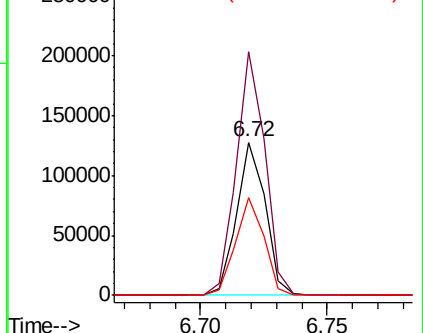
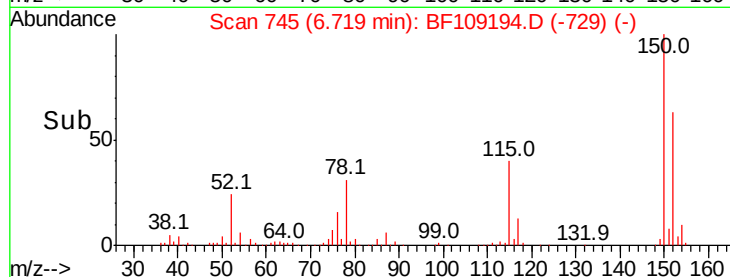
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :
 NS-SLUDGE

Tot Ion:152 Resp: 100155
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 64.0 50.1 75.1



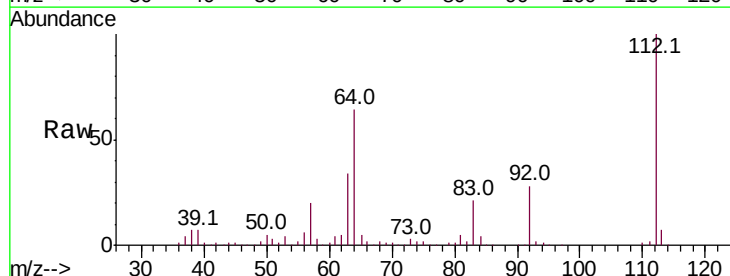
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



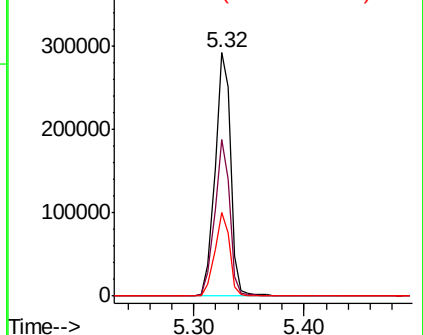
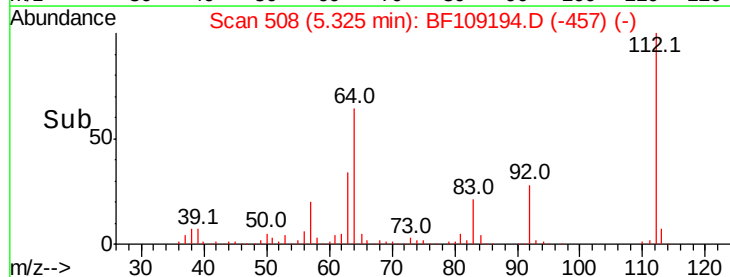
#5

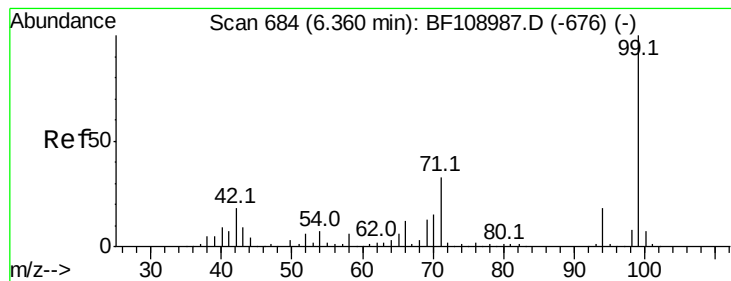
2-Fluorophenol
 Concen: 47.137 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Tgt Ion:112 Resp: 284247
 Ion Ratio Lower Upper
 112 100
 64 64.2 47.9 71.9
 63 34.5 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: 46.571 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

NS-SLUDGE

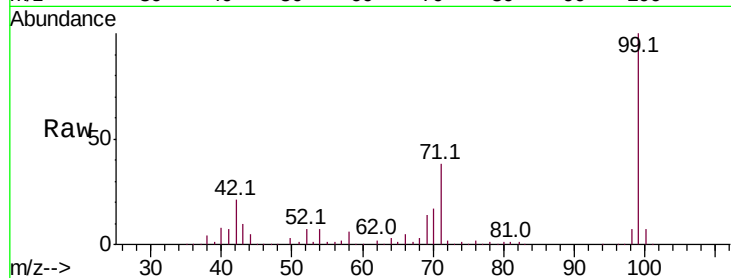
Tot Ion: 99 Resp: 362123

Ion Ratio Lower Upper

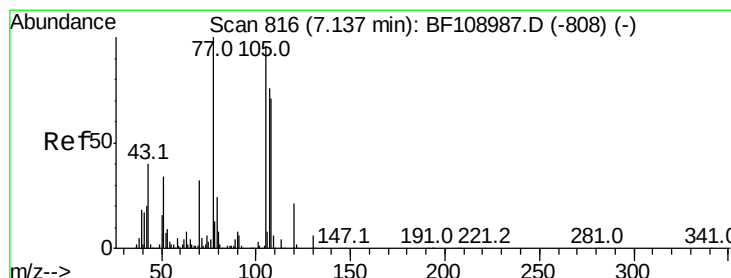
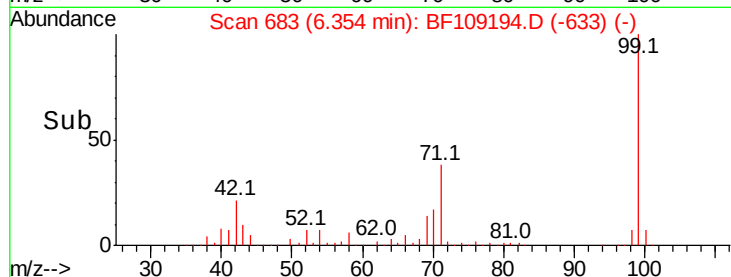
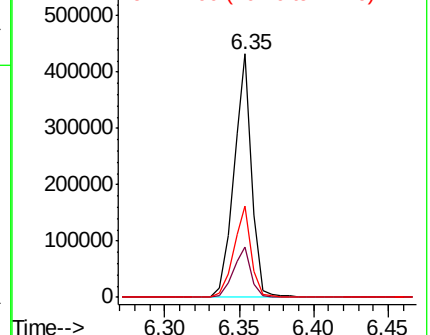
99 100

42 20.6 14.5 21.7

71 37.7 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



#20

3+4-Methylphenols

Concen: 2.626 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Tgt Ion:107 Resp: 17411

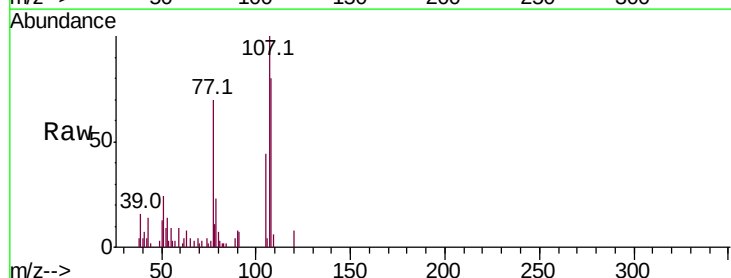
Ion Ratio Lower Upper

107 100

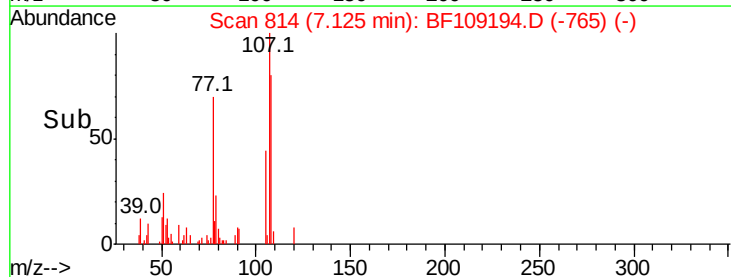
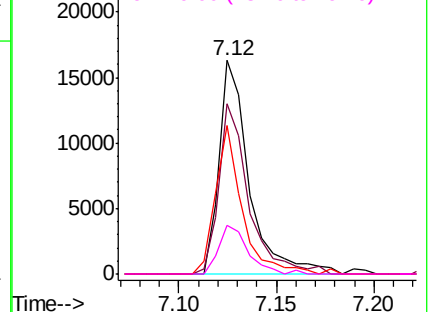
108 79.9 68.2 108.2

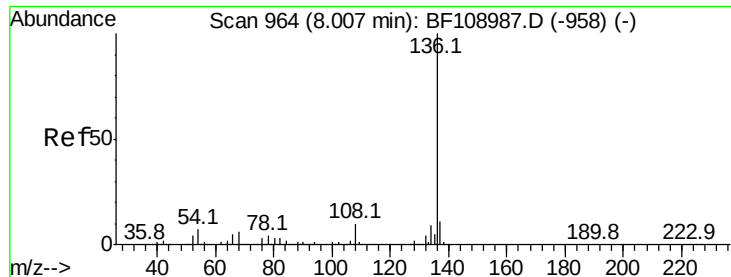
77 69.5 26.7 66.7#

79 22.6 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

NS-SLUDGE

Tot Ion:136 Resp: 369625

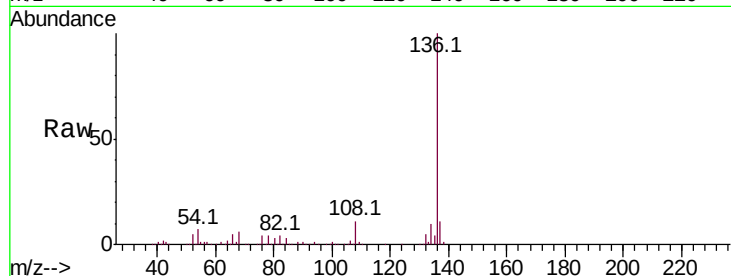
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.6 5.0 7.4

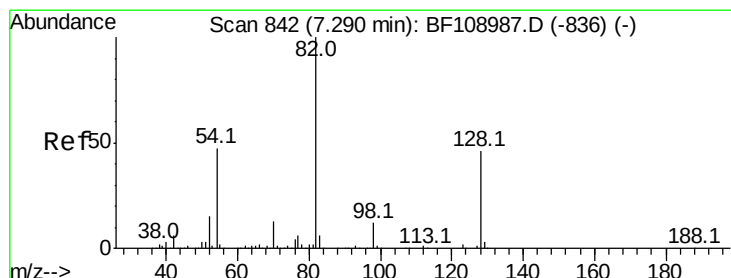
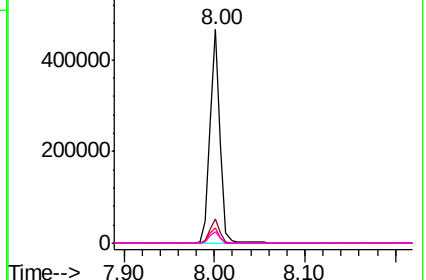
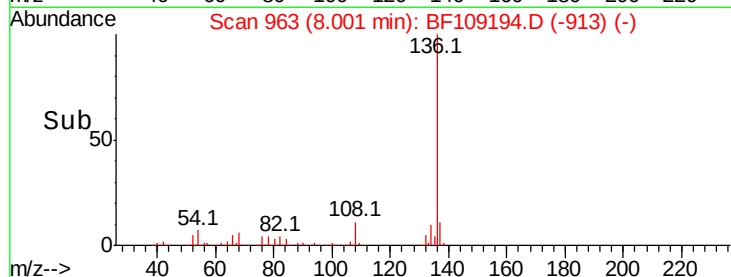


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.957 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

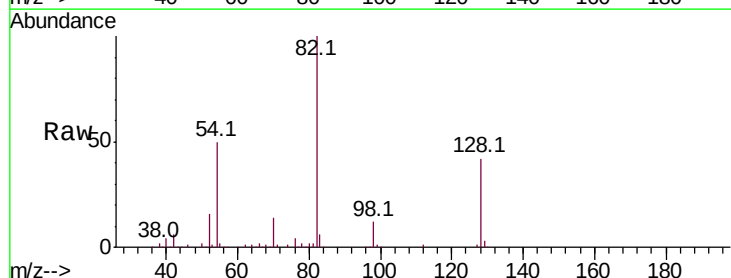
Tgt Ion: 82 Resp: 243548

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

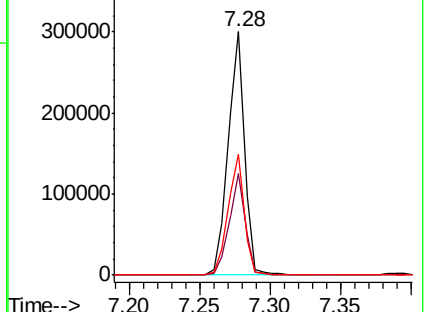
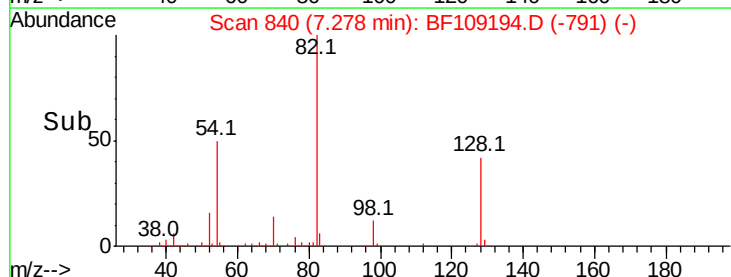
54 49.8 41.4 62.2

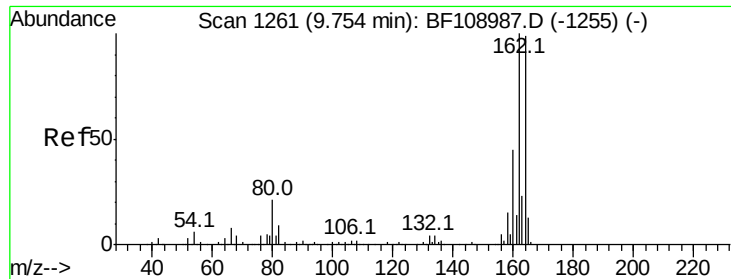


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

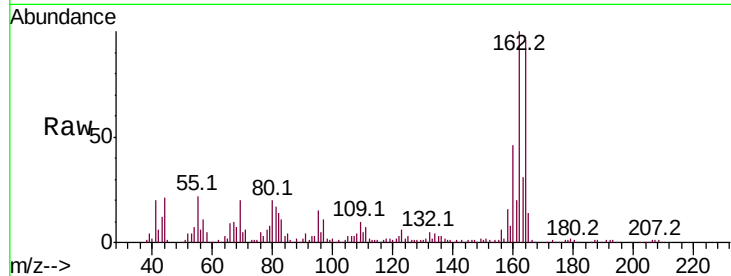




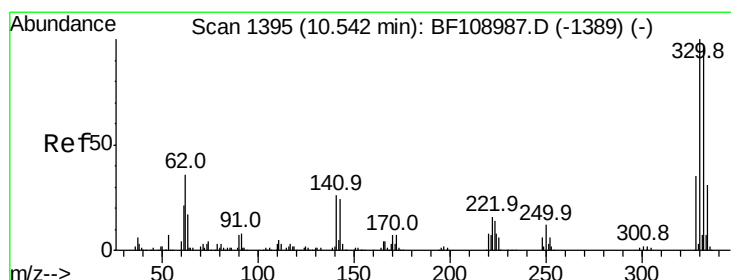
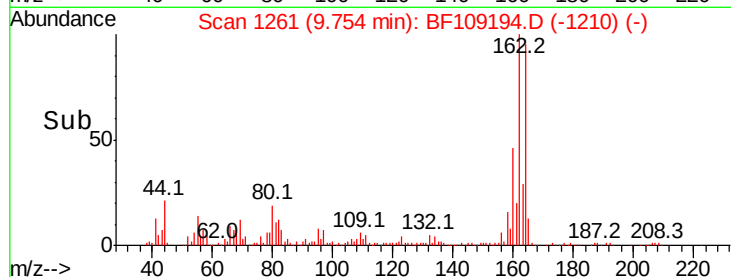
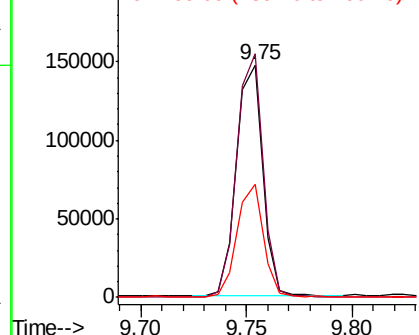
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :
 NS-SLUDGE

Tot Ion:164 Resp: 126804
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 48.5 38.3 57.5

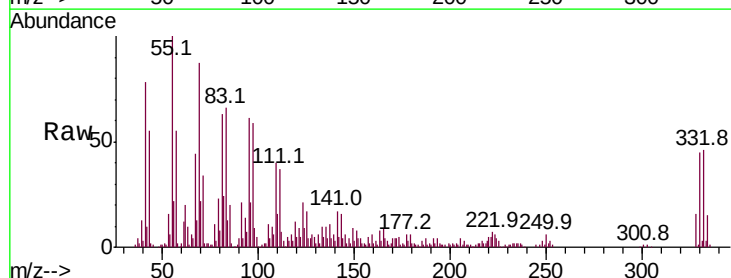


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

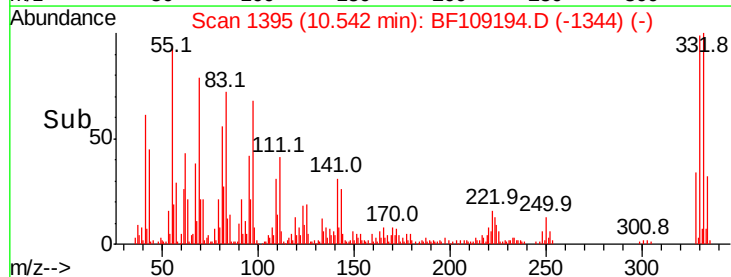
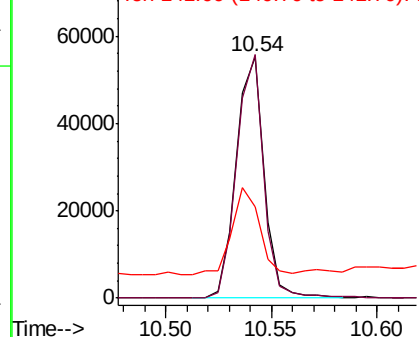


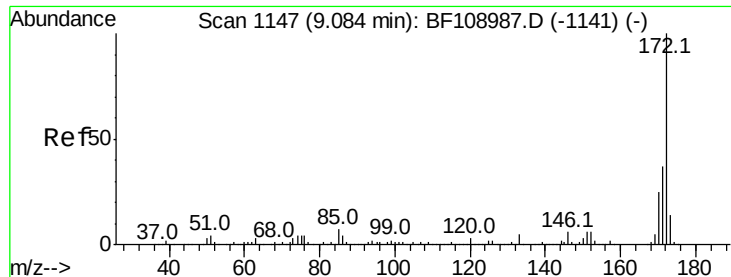
#41
 2,4,6-Tribromophenol
 Concen: 36.449 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Tgt Ion:330 Resp: 50160
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 35.9 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

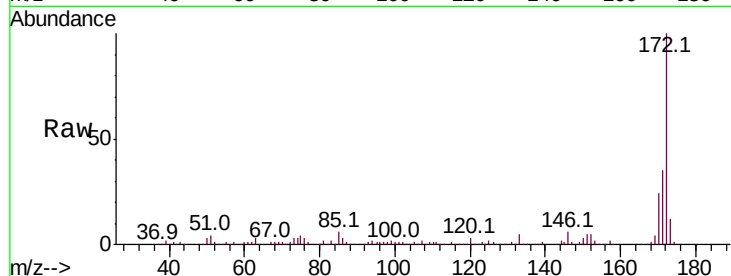




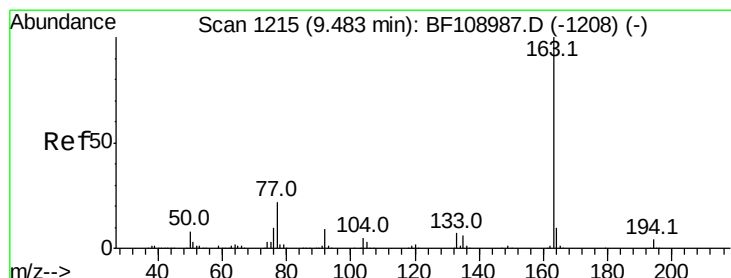
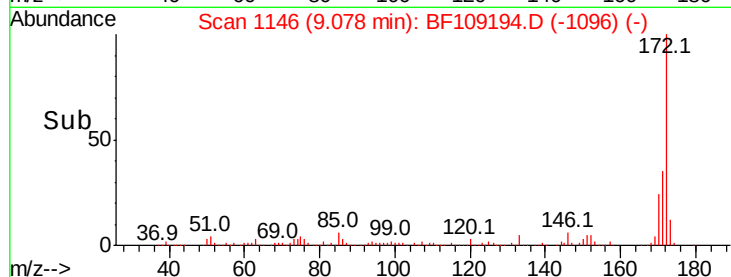
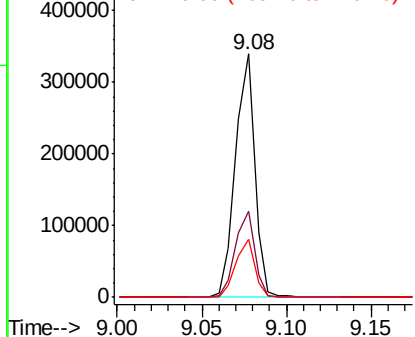
#44
2-Fluorobiphenyl
Concen: 33.569 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Instrument :
BNA_F
ClientSampleId :
NS-SLUDGE

Tot Ion:172 Resp: 271691
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 24.1 19.6 29.4

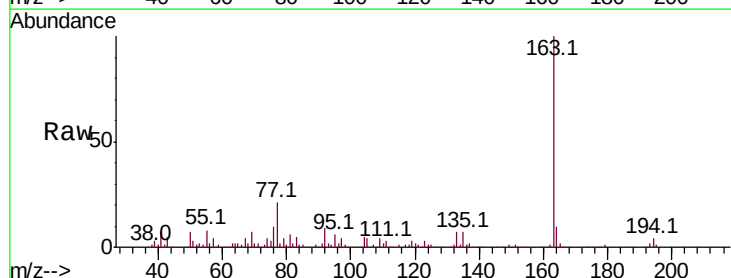


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

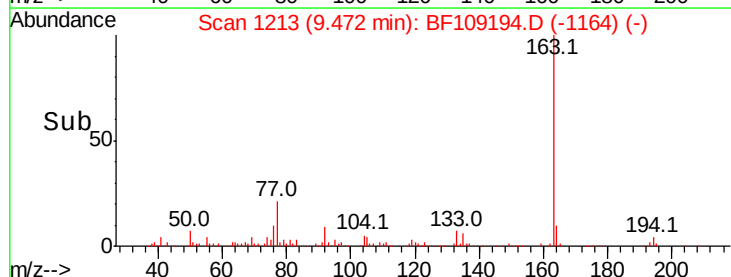
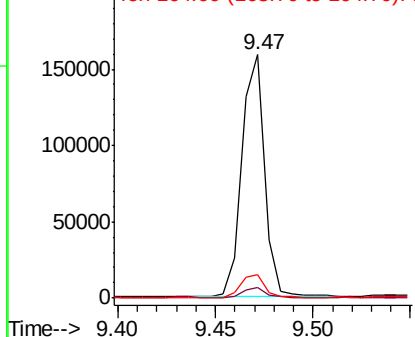


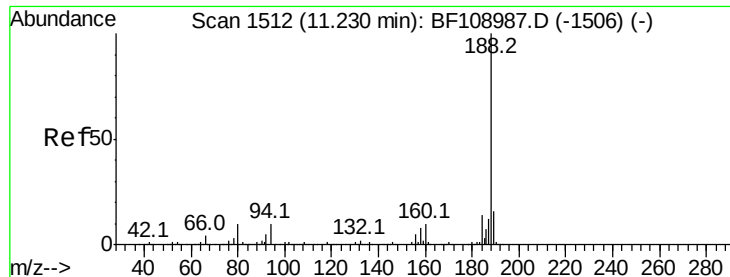
#49
Dimethylphthalate
Concen: 14.181 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion:163 Resp: 128522
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 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

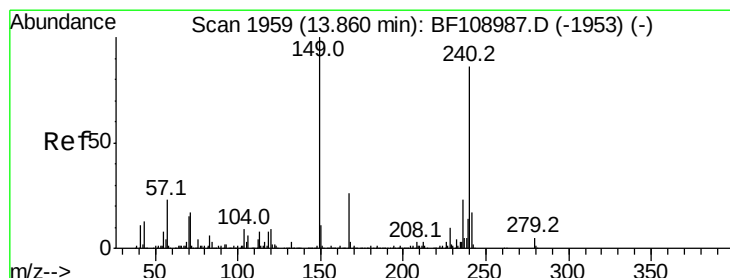
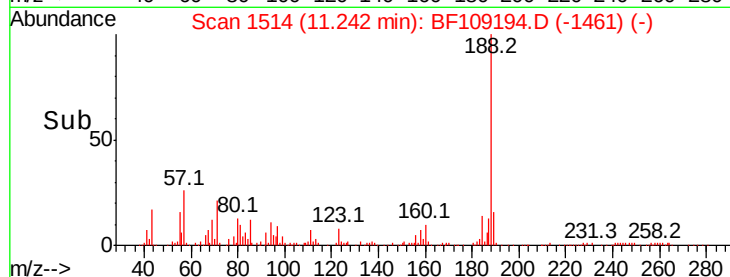
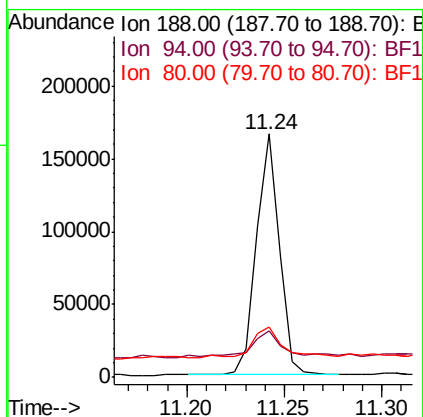
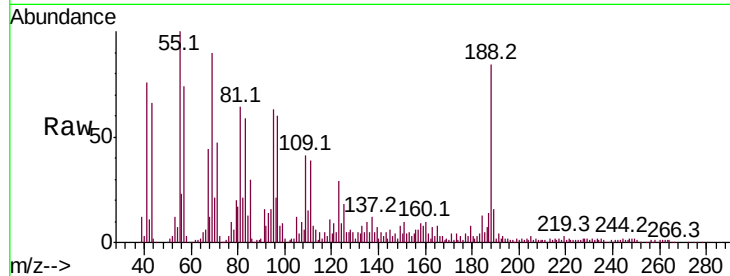




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

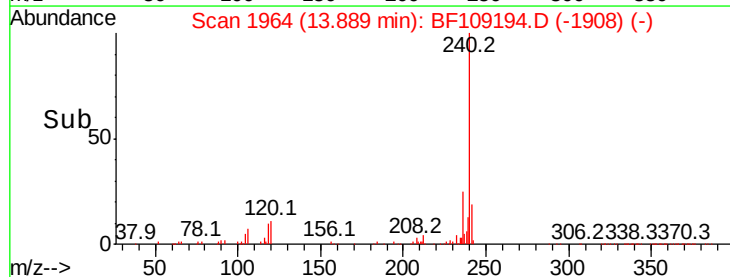
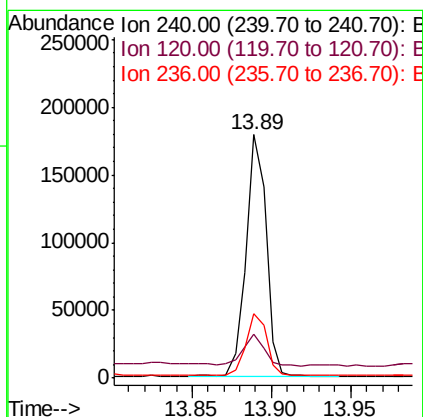
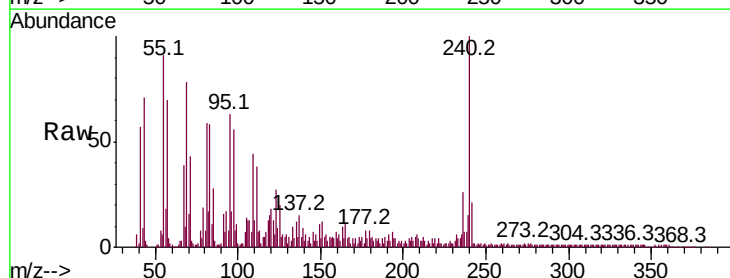
Instrument :
BNA_F
ClientSampleId :
NS-SLUDGE

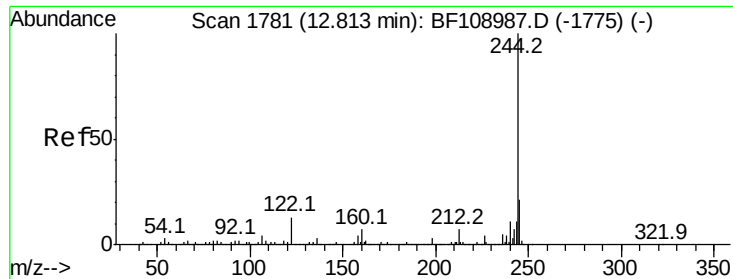
Tot Ion:188 Resp: 135010
Ion Ratio Lower Upper
188 100
94 19.4 8.5 12.7#
80 20.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.03 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion:240 Resp: 156743
Ion Ratio Lower Upper
240 100
120 17.9 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 20.371 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

NS-SLUDGE

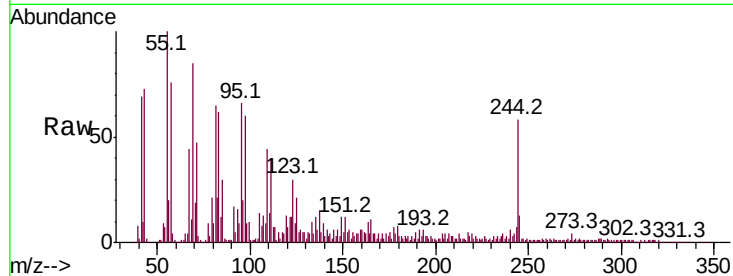
Tot Ion:244 Resp: 134714

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

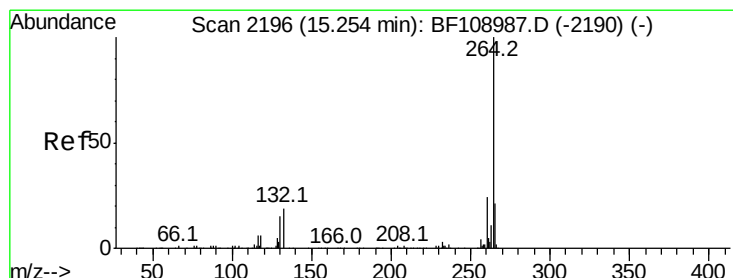
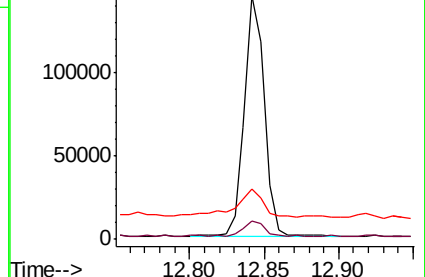
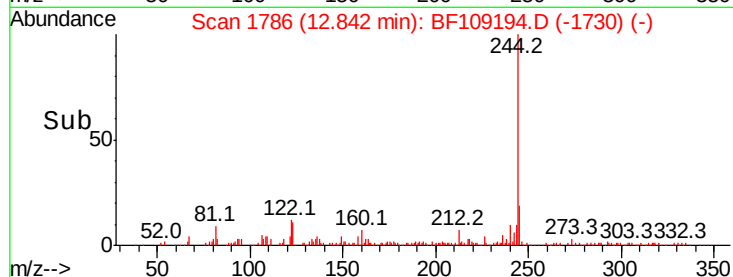
122 20.7 11.0 16.4#



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: 15.28 min Scan# 2201

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

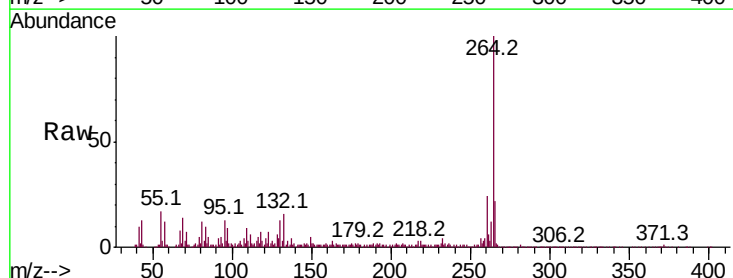
Tgt Ion:264 Resp: 238156

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 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

