

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109491.D
 Acq On : 1 Oct 2018 23:28
 Operator : JU/SJ
 Sample : J5155-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Quant Time: Oct 02 10:43:06 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

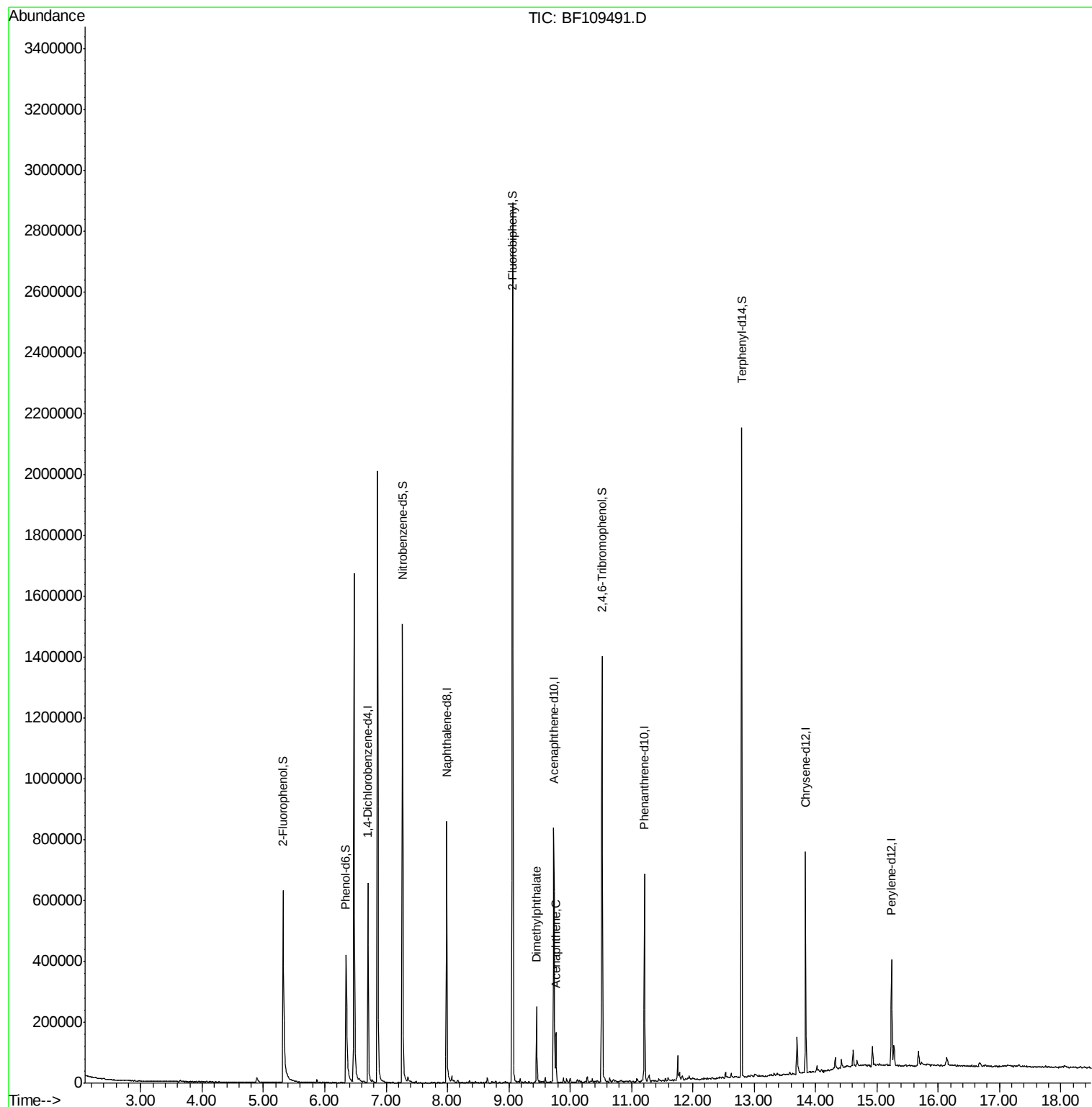
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104670	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	380894	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	160676	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	261145	20.00	ng	0.00
75) Chrysene-d12	13.84	240	236791	20.00	ng	0.00
86) Perylene-d12	15.24	264	161361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	281965	44.37	ng	0.00
7) Phenol-d6	6.35	99	212023	26.15	ng	0.00
23) Nitrobenzene-d5	7.27	82	519089	80.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163549	103.26	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	912350	85.64	ng	-0.01
78) Terphenyl-d14	12.80	244	731698	75.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	110088	9.420	ng	98
51) Acenaphthene	9.77	154	36238	3.799	ng	99

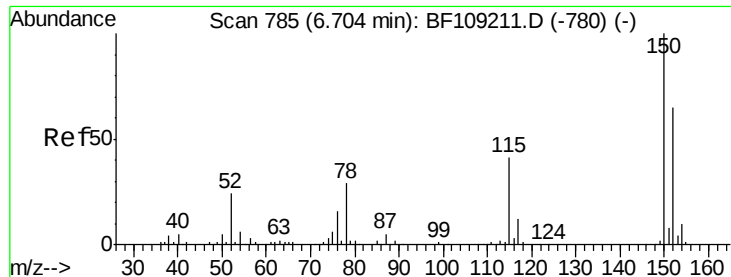
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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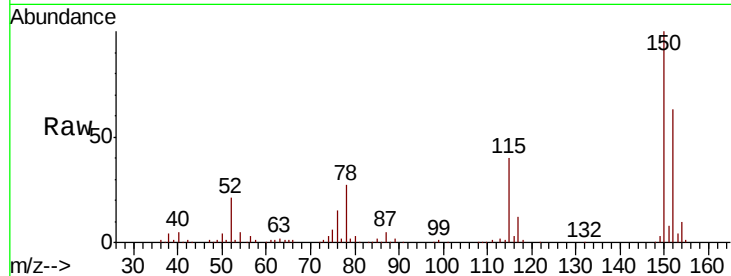


#1

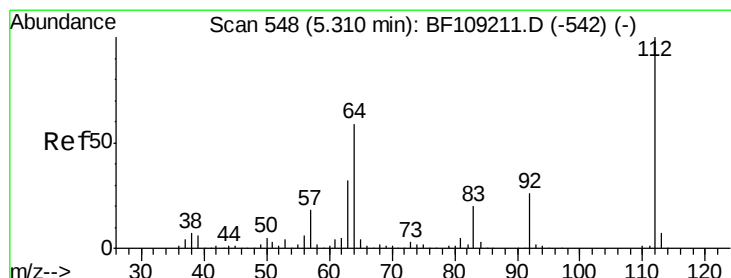
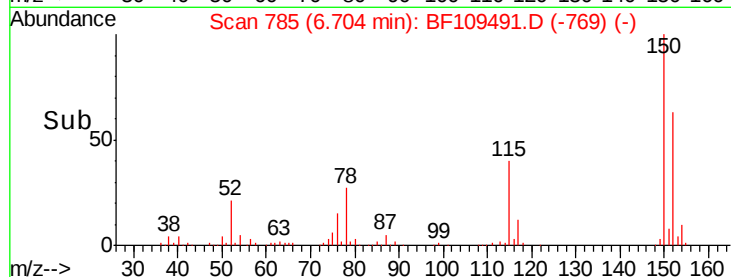
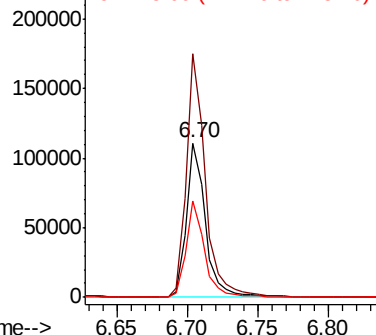
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:152 Resp: 104670
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.6 50.1 75.1



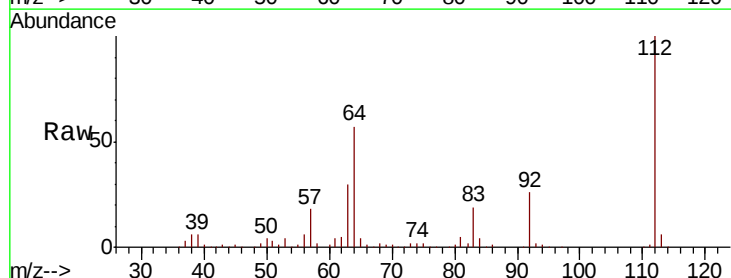
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



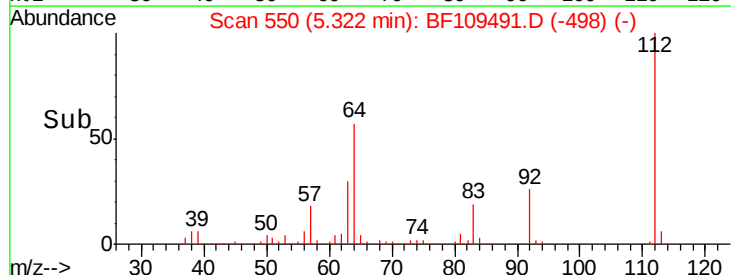
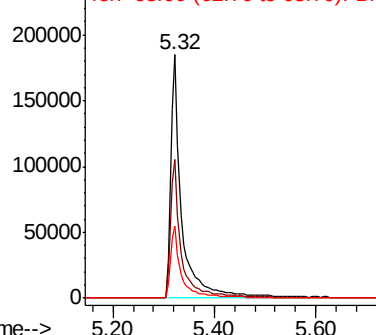
#5

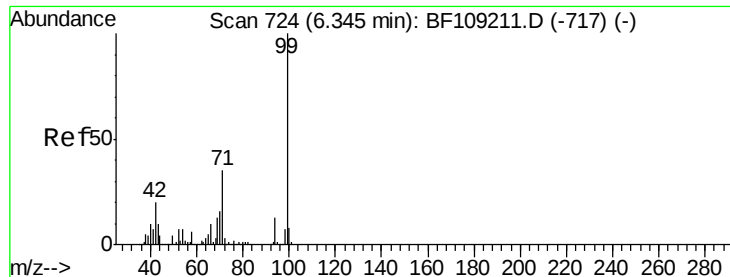
2-Fluorophenol
Concen: 44.370 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:112 Resp: 281965
Ion Ratio Lower Upper
112 100
64 57.1 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: 26.146 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

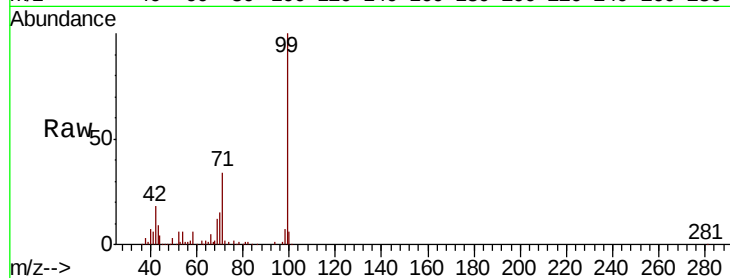
Tot Ion: 99 Resp: 212023

Ion Ratio Lower Upper

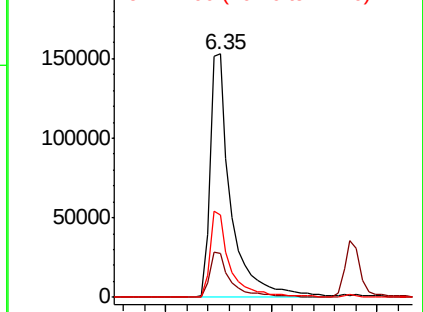
99 100

42 17.8 14.5 21.7

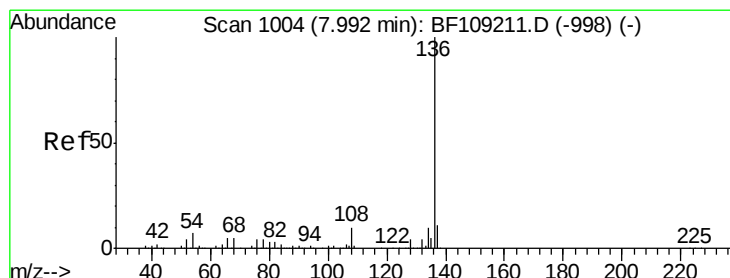
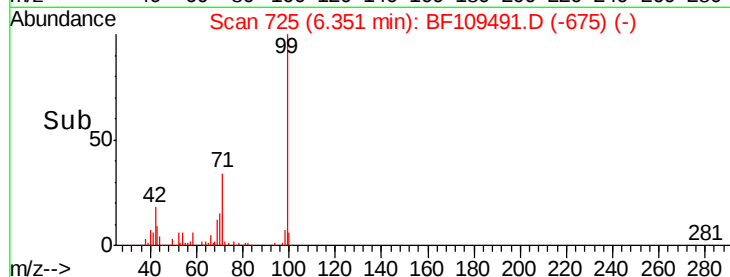
71 34.1 25.4 38.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Tgt Ion: 136 Resp: 380894

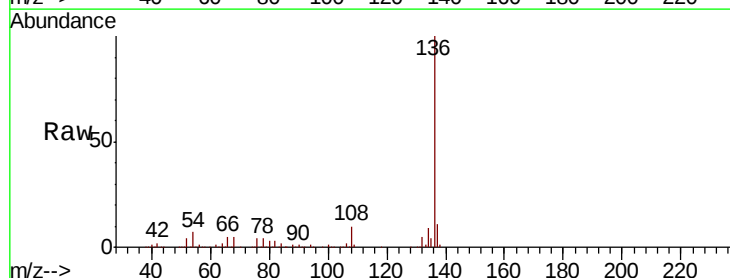
Ion Ratio Lower Upper

136 100

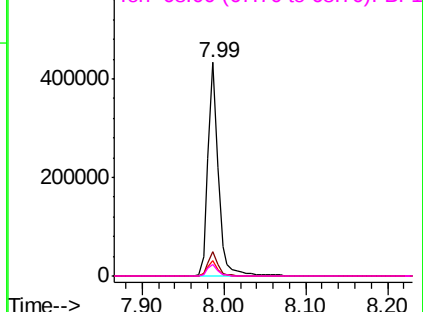
137 11.2 8.9 13.3

54 7.0 6.6 9.8

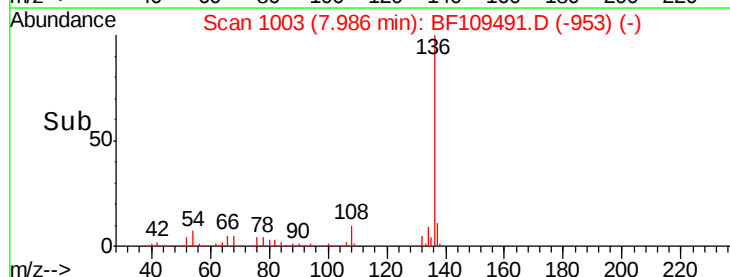
68 5.2 5.0 7.4

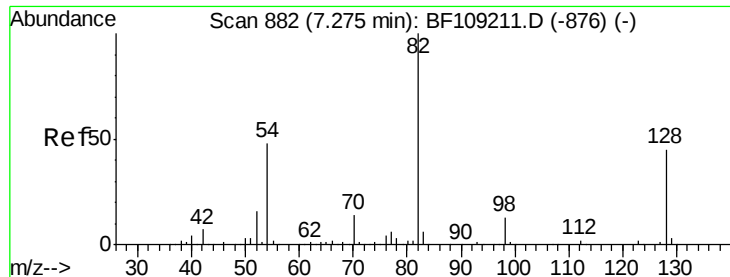


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

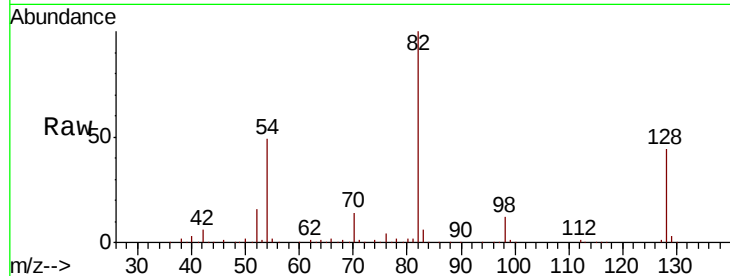




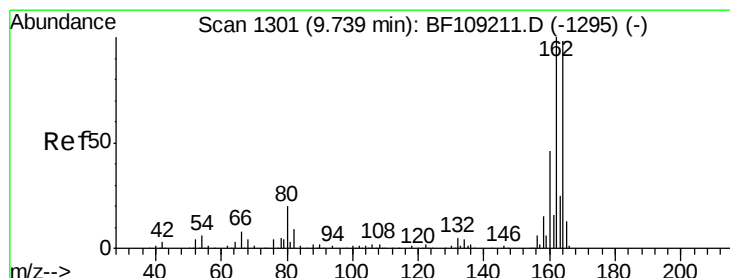
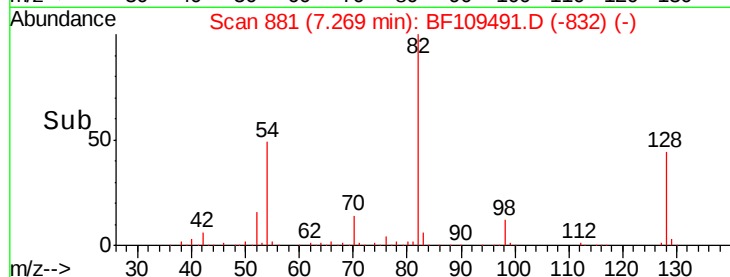
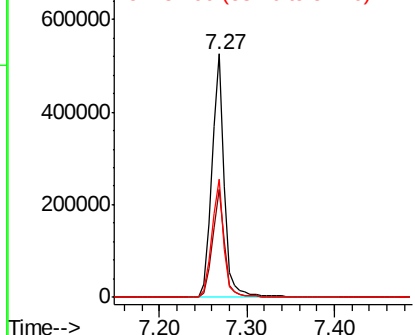
#23
 Nitrobenzene-d5
 Concen: 80.449 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Tot Ion: 82 Resp: 519089
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 48.6 41.4 62.2

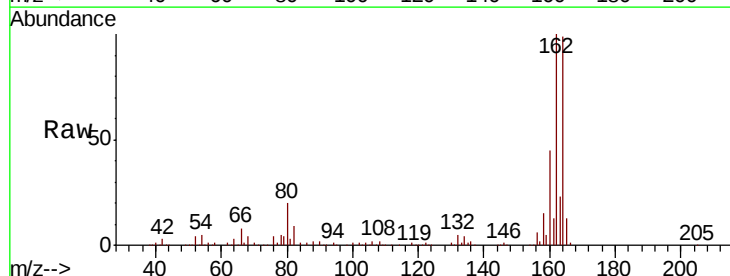


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

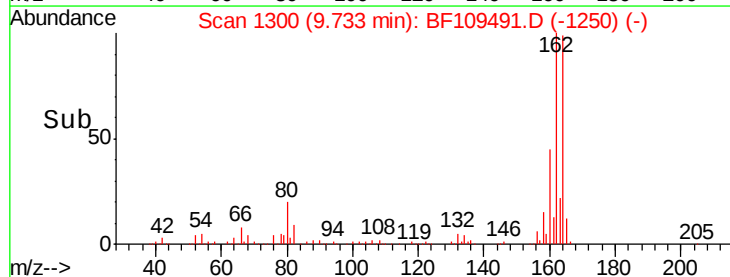
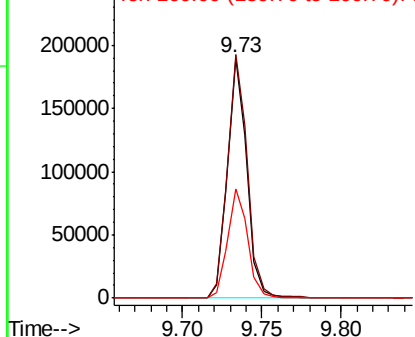


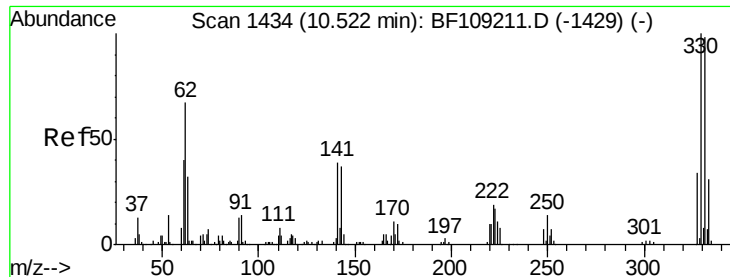
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Tgt Ion:164 Resp: 160676
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 45.5 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

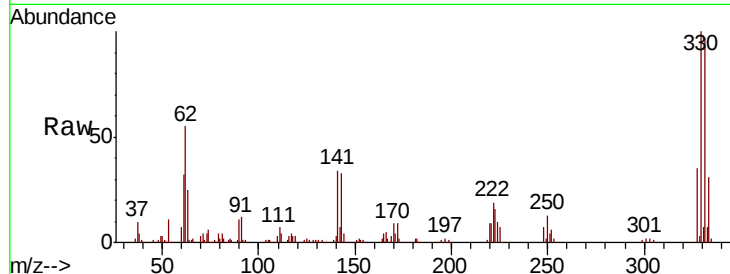




#41
 2,4,6-Tribromophenol
 Concen: 103.255 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.4	29.9	44.9

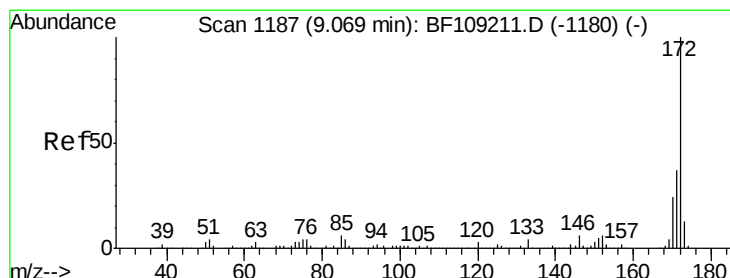
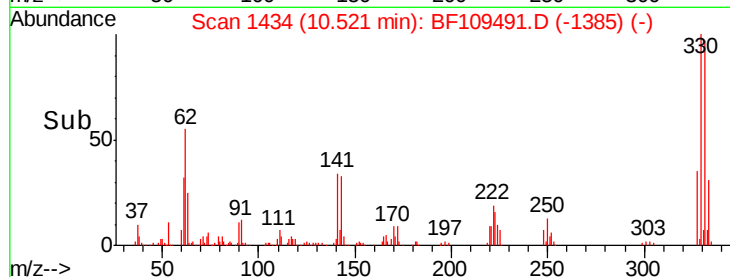
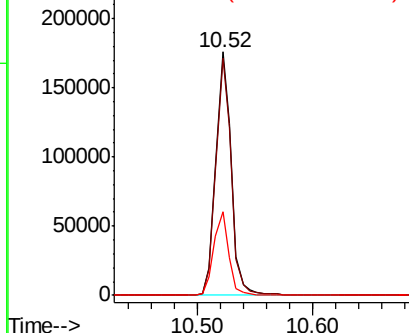


Abundance

Ion 329.80 (329.50 to 330.50): E

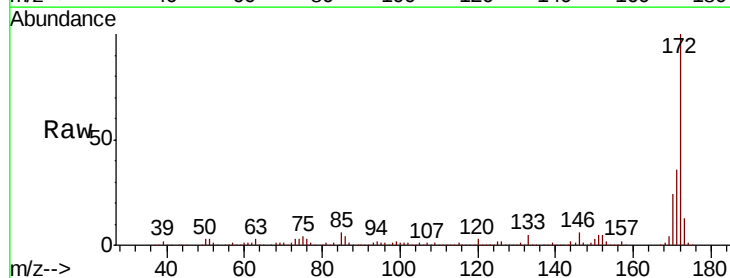
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.638 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

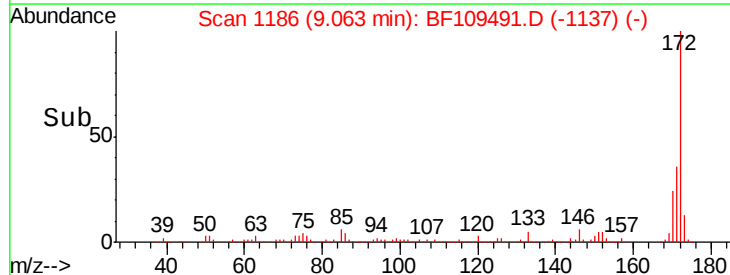
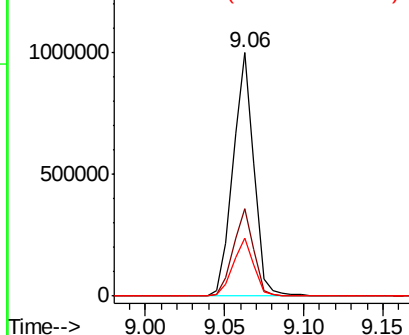


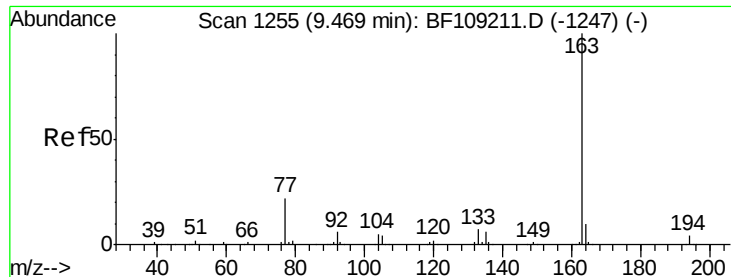
Abundance

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

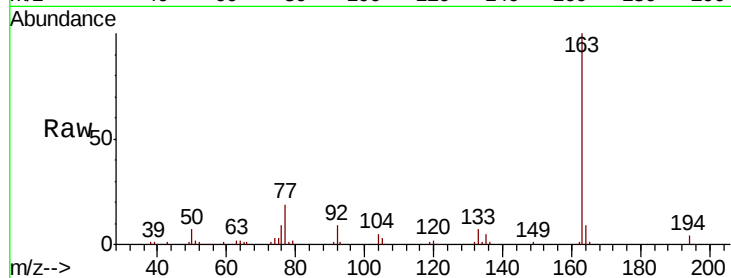




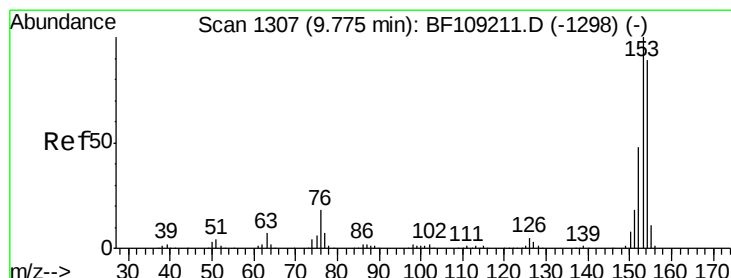
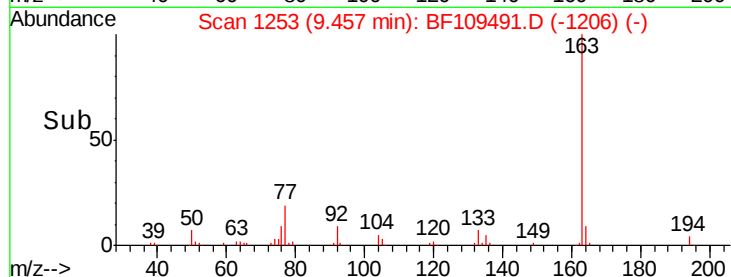
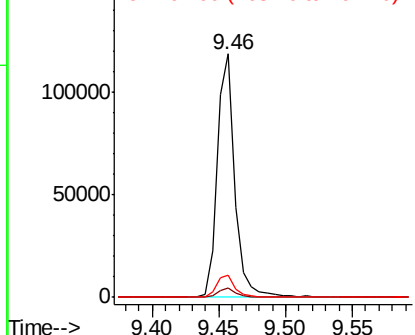
#49
 Dimethylphthalate
 Concen: 9.420 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW16S-GW

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.2	8.2	12.2

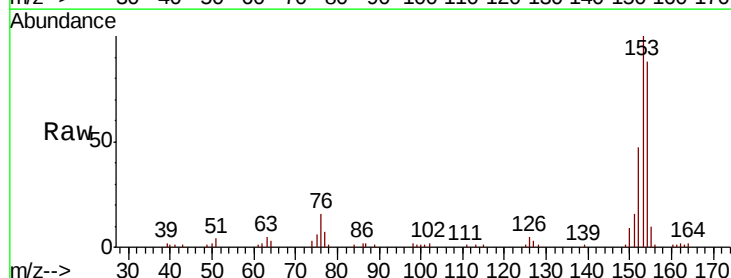


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

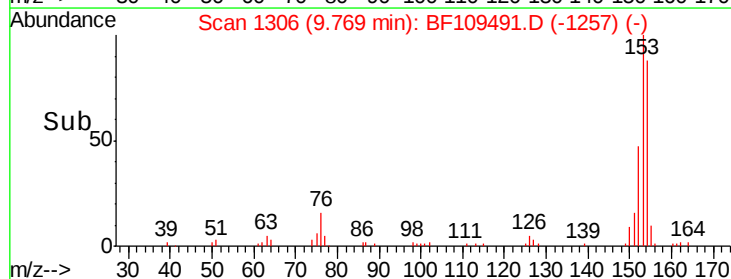
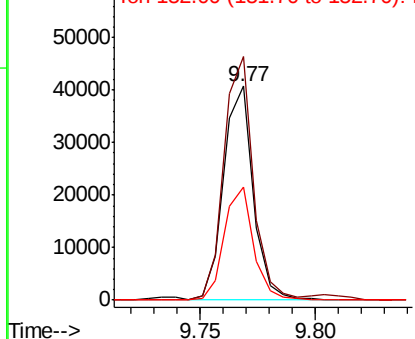


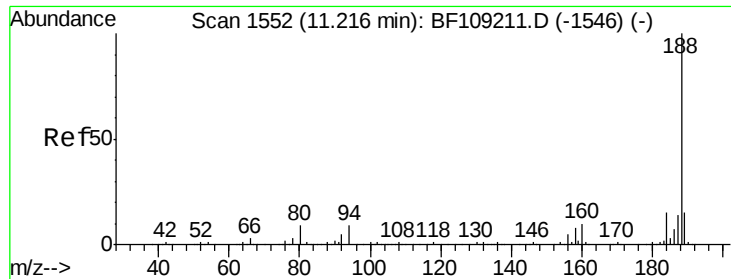
#51
 Acenaphthene
 Concen: 3.799 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF109491.D
 Acq: 1 Oct 2018 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	52.9	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

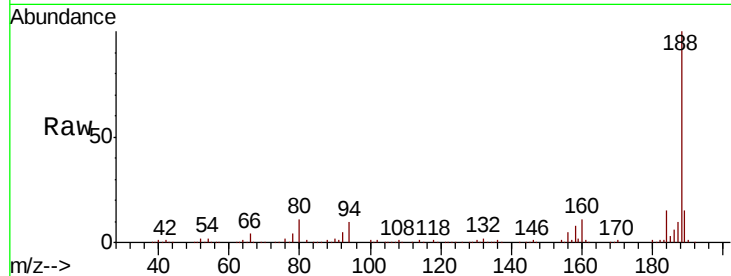




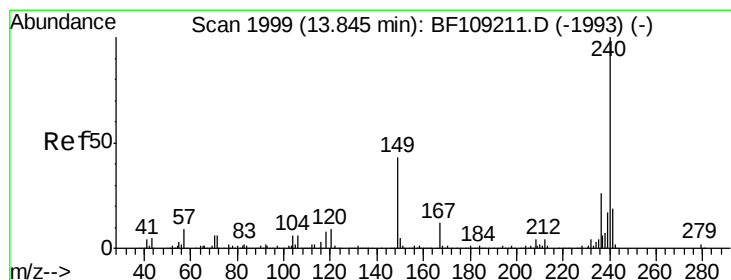
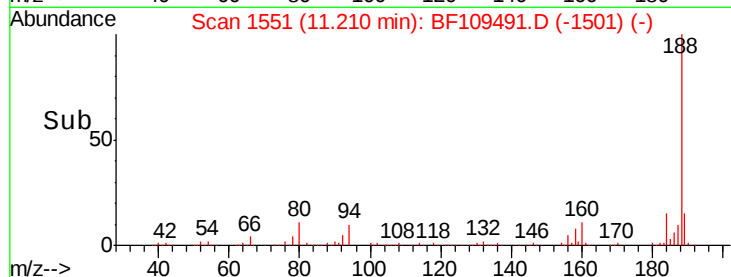
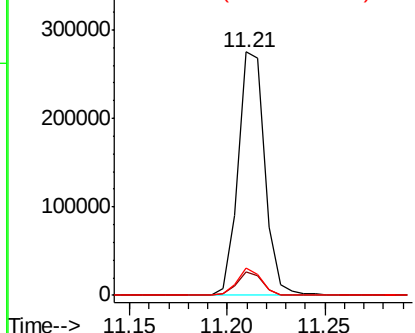
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW16S-GW

Tot Ion:188 Resp: 261145
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.2 13.8

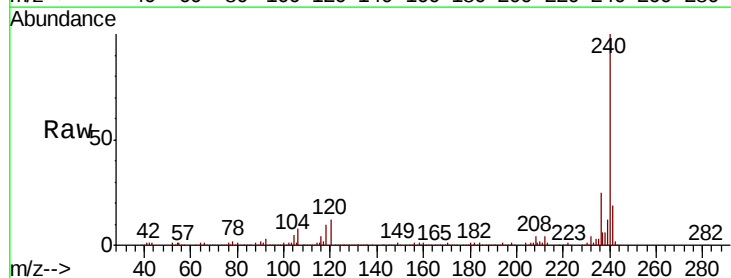


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

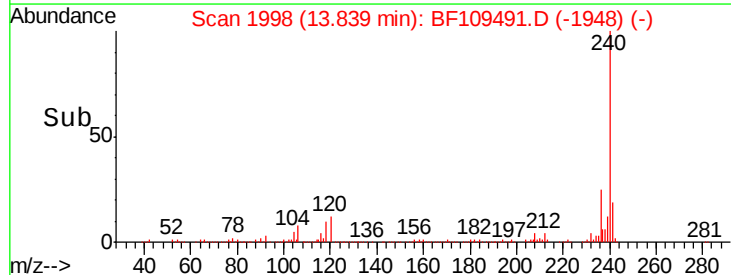
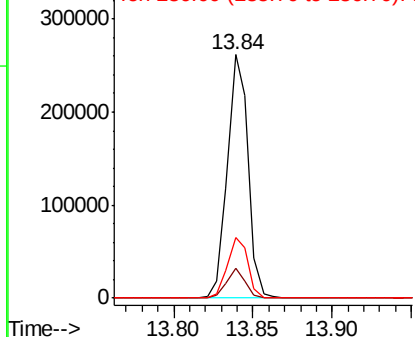


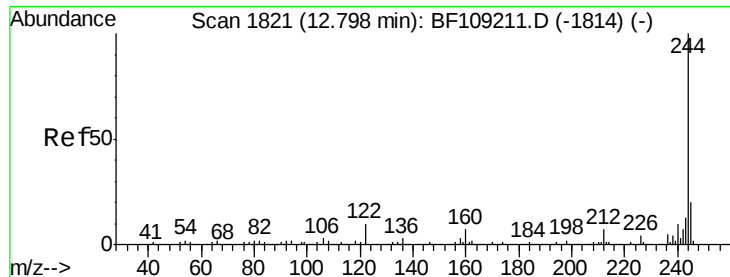
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109491.D
Acq: 1 Oct 2018 23:28

Tgt Ion:240 Resp: 236791
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.8 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: 75.835 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW16S-GW

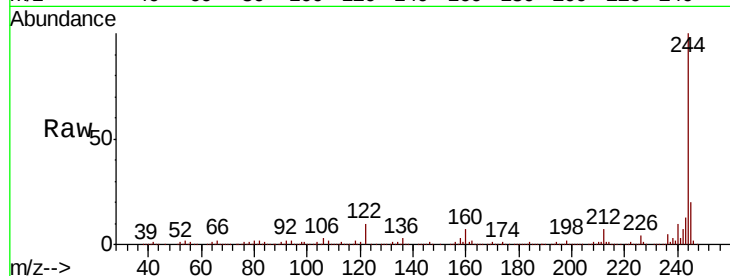
Tot Ion:244 Resp: 731698

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

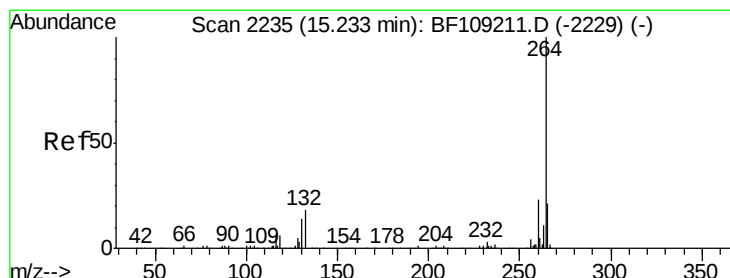
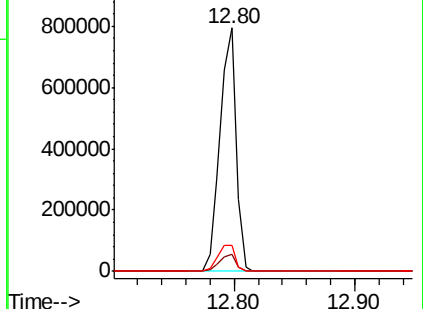
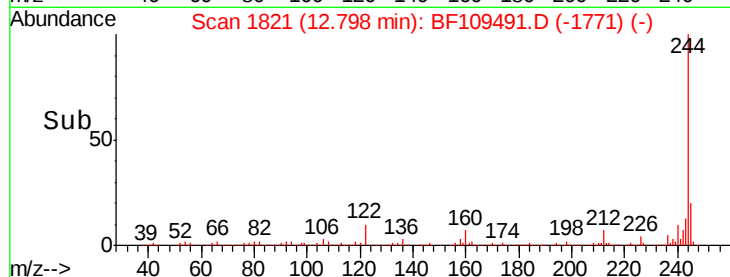
122 10.4 11.0 16.4#



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109491.D

Acq: 1 Oct 2018 23:28

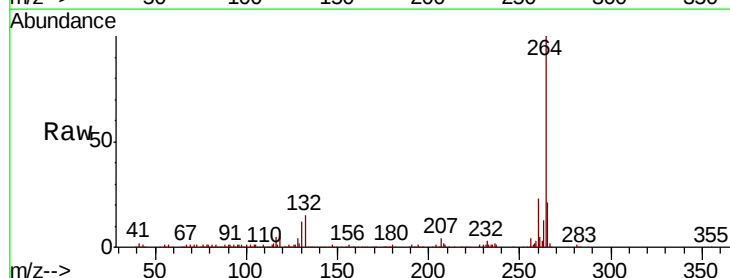
Tgt Ion:264 Resp: 161361

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.0 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

