

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF109999.D
 Acq On : 19 Oct 2018 13:47
 Operator : JU/SJ
 Sample : J5569-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-1

Quant Time: Oct 20 00:29:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

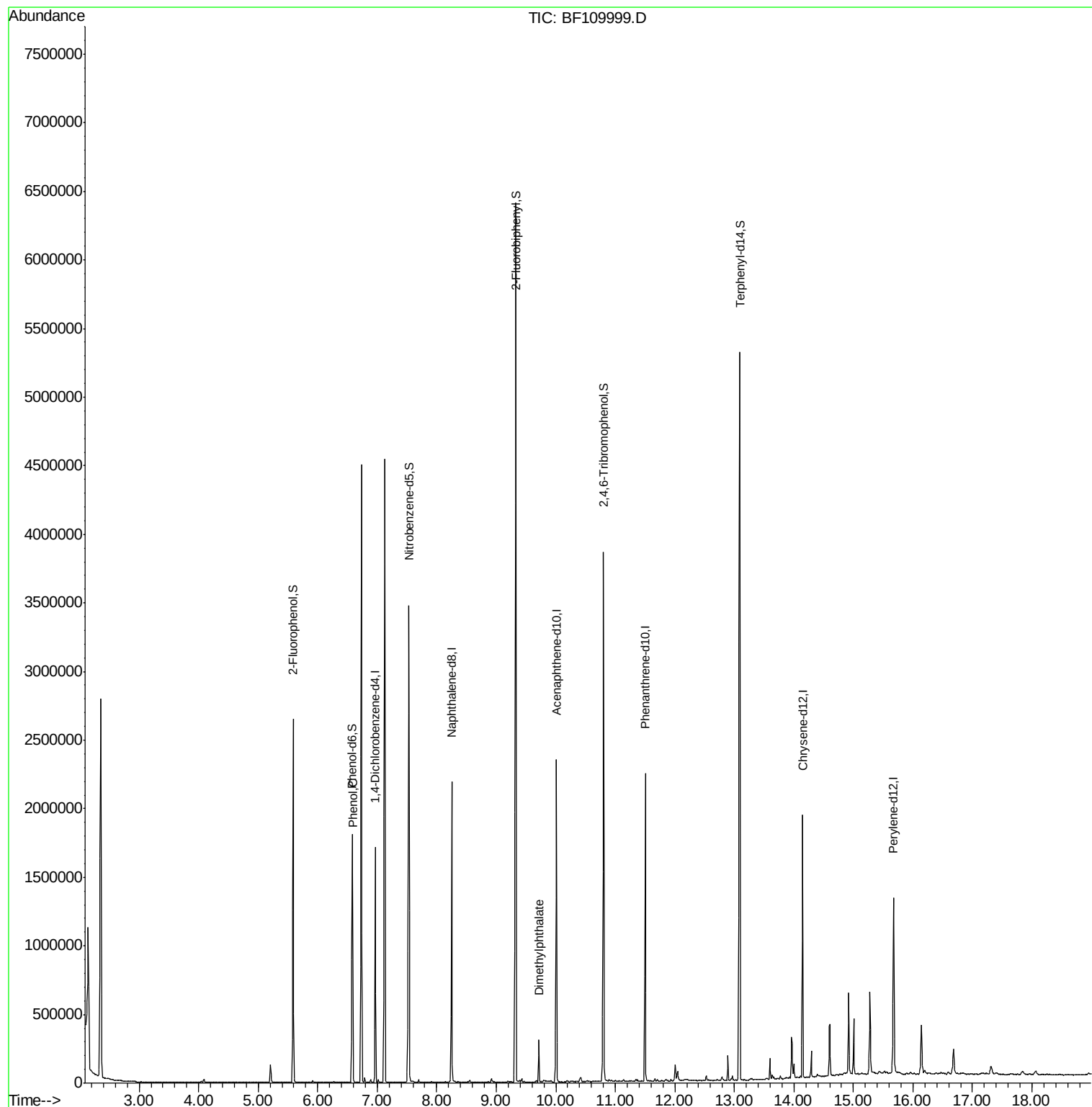
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241744	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	968030	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	461196	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	828893	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	561140	20.00	ng	-0.02
87) Perylene-d12	15.67	264	389768	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	746154	48.93	ng	0.00
7) Phenol-d6	6.58	99	597484	31.55	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1267210	88.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	468914	117.44	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2200250	76.12	ng	-0.01
79) Terphenyl-d14	13.09	244	1999824	74.84	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	68936	3.372	ng	Qvalue # 65
50) Dimethylphthalate	9.72	163	110811	3.393	ng	99

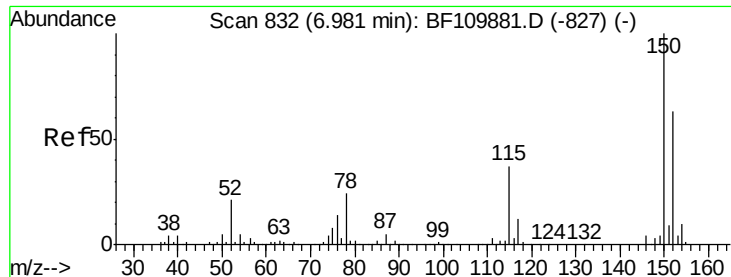
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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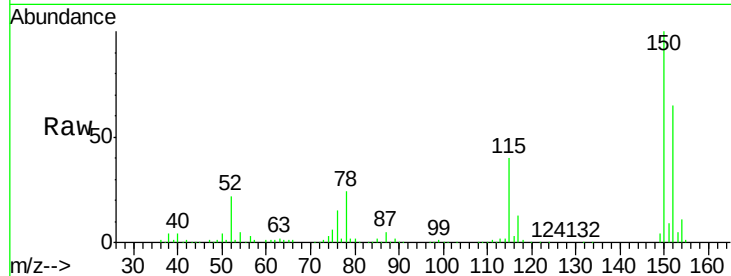




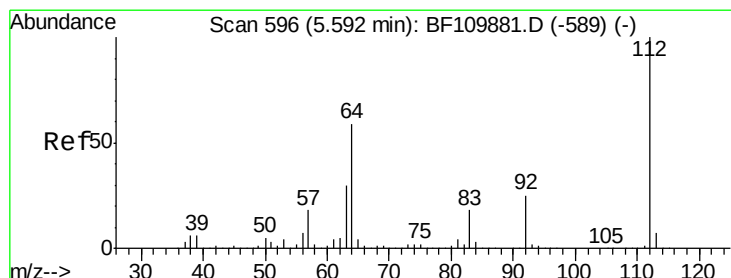
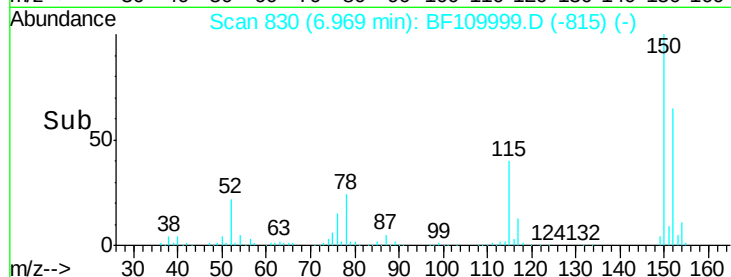
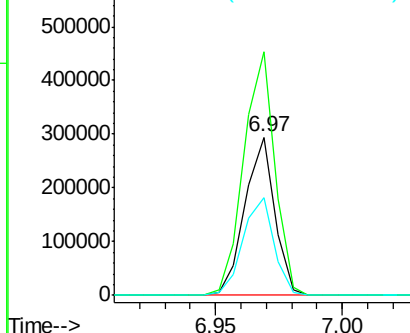
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-1

Tgt Ion:152 Resp: 241744
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.7 184.1
 115 61.7 49.1 73.7

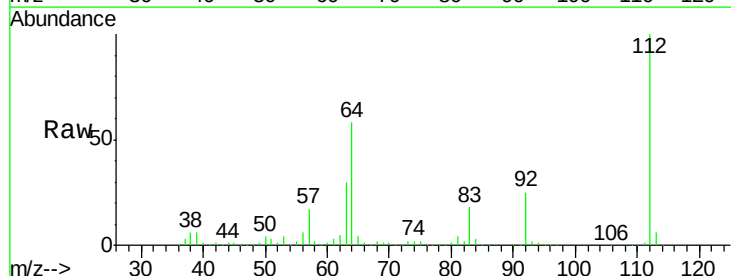


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

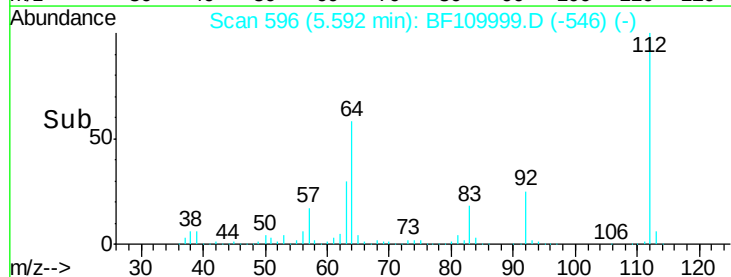
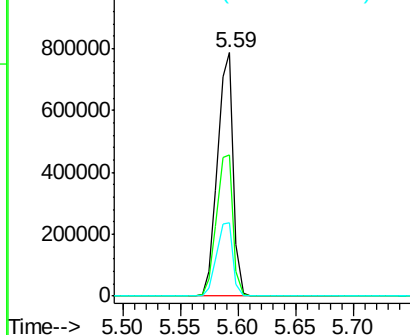


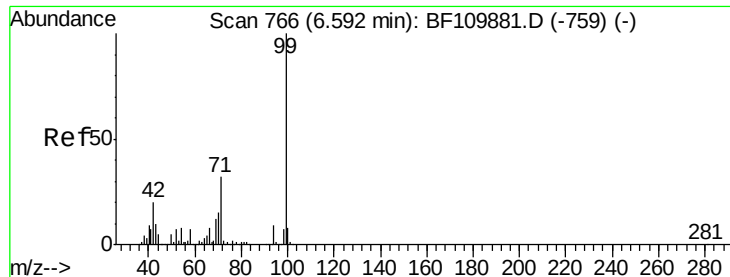
#5
 2-Fluorophenol
 Concen: 48.926 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Tgt Ion:112 Resp: 746154
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.1 66.1
 63 29.9 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: 31.551 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

RLF-SW-1

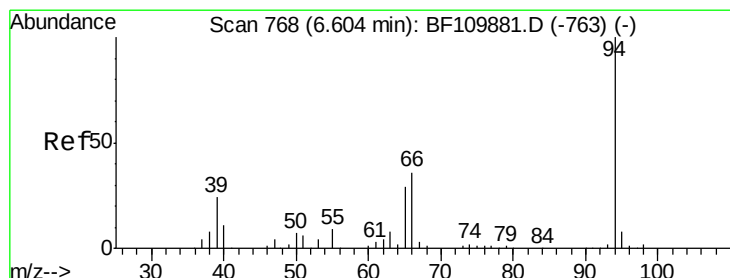
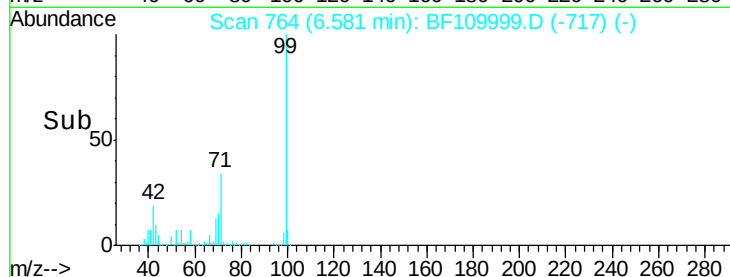
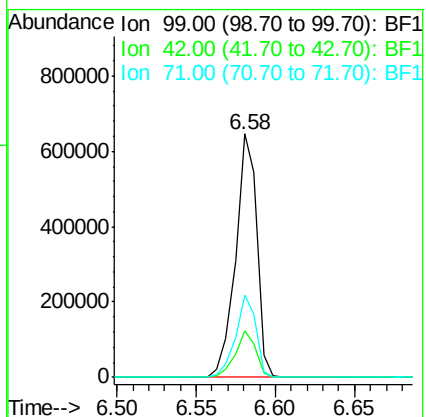
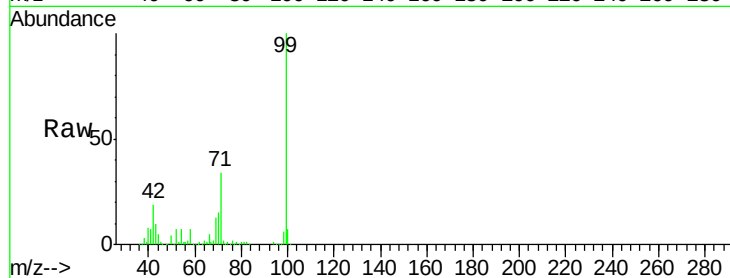
Tgt Ion: 99 Resp: 597484

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 33.6 28.0 42.0



#10

Phenol

Concen: 3.372 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

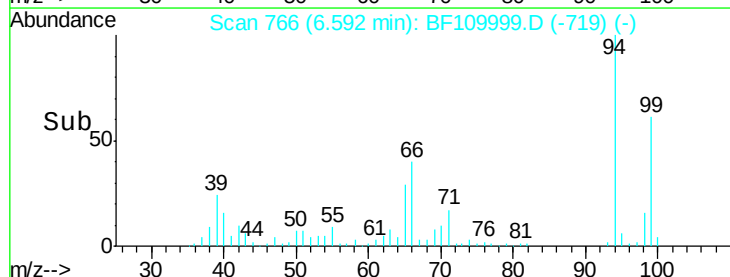
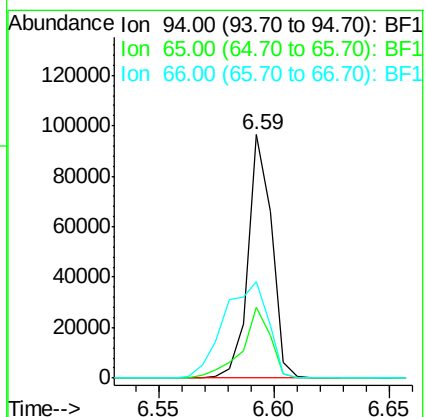
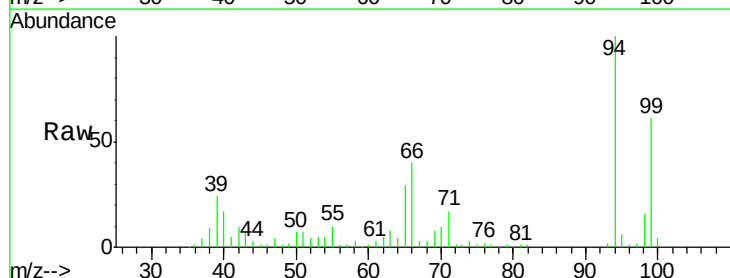
Tgt Ion: 94 Resp: 68936

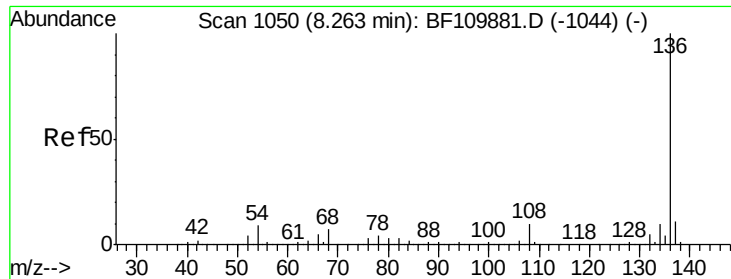
Ion Ratio Lower Upper

94 100

65 29.0 25.3 65.3

66 39.7 54.5 94.5#

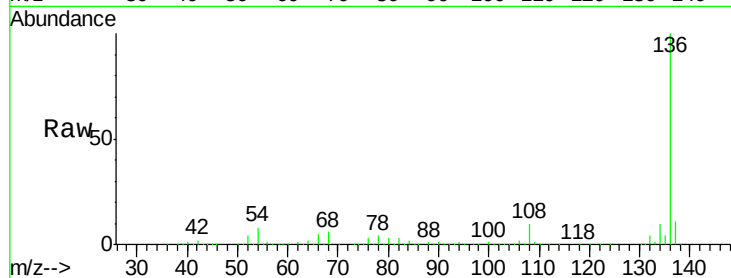




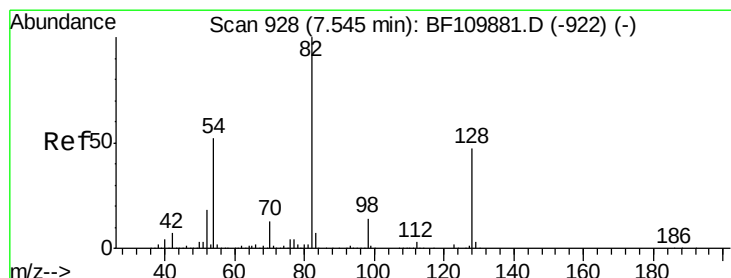
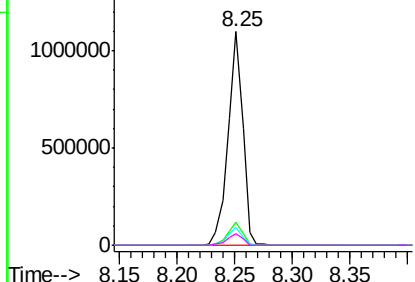
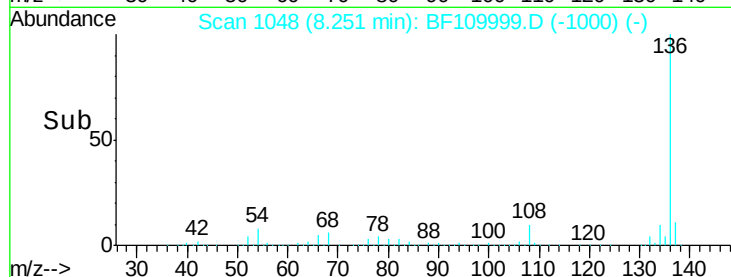
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Instrument :
BNA_F
ClientSampleId :
RLF-SW-1

Tgt Ion:	136	Resp:	968030
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	5.4	8.2#
68	5.6	4.2	6.2

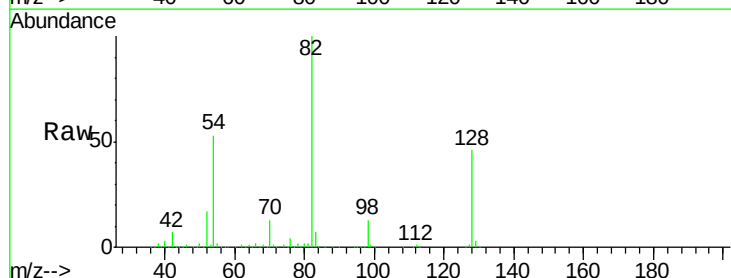


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

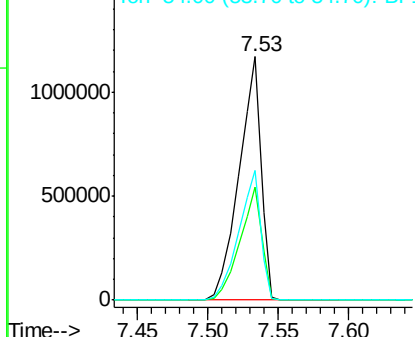
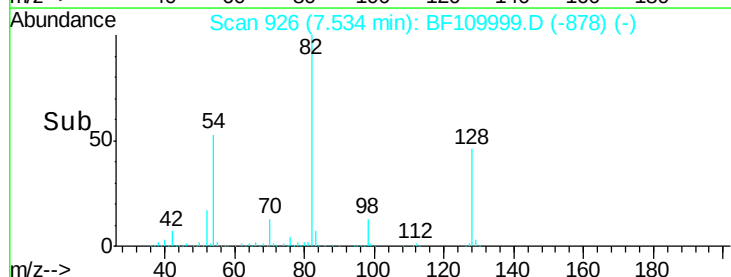


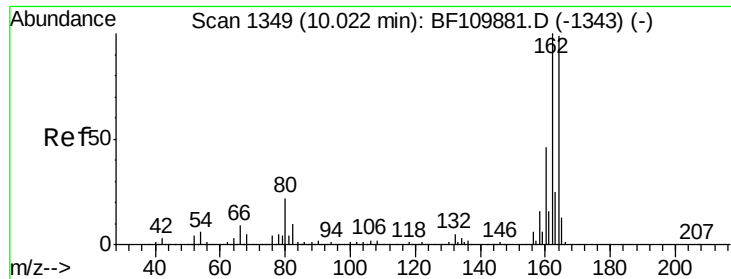
#23
Nitrobenzene-d5
Concen: 88.183 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:	82	Resp:	1267210
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	53.3	38.6	58.0



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

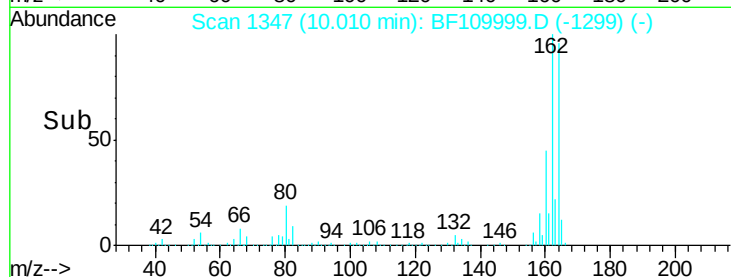
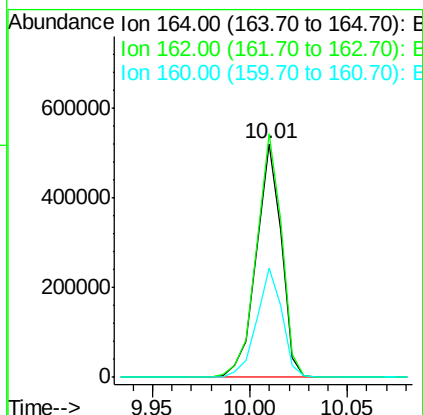
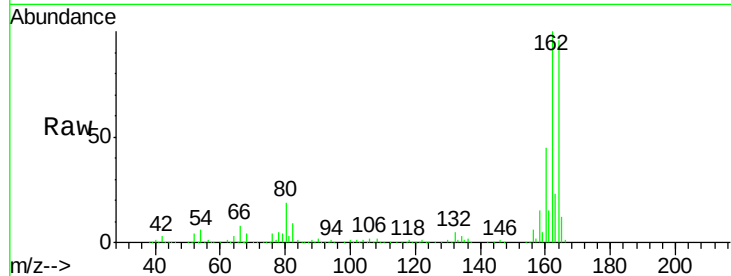




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

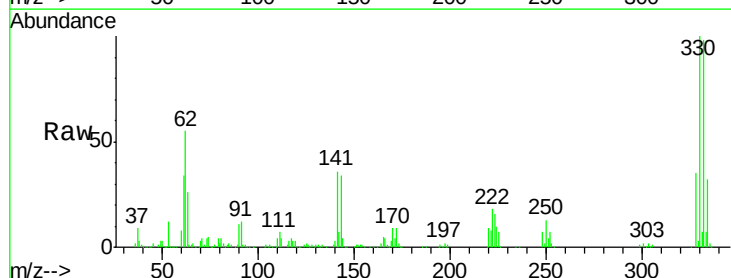
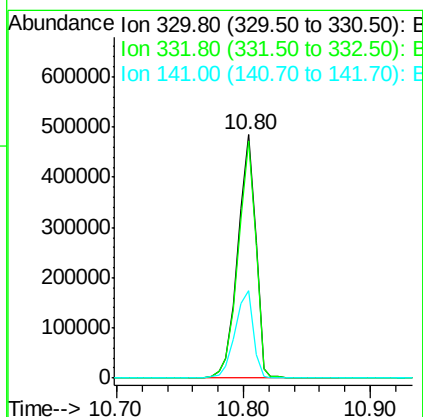
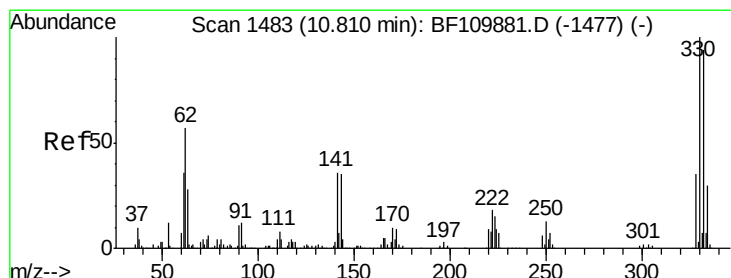
Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-1

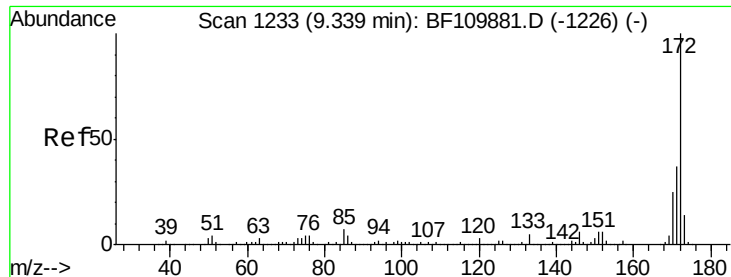
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.8	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 117.437 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	36.7	27.0	40.4

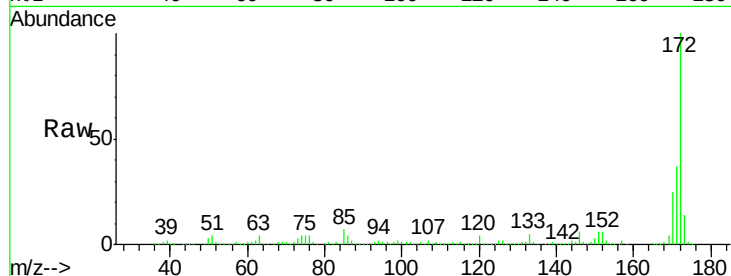




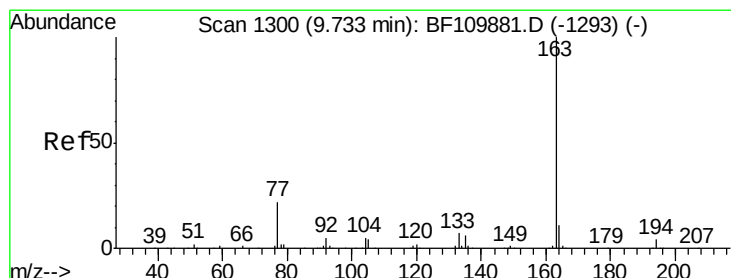
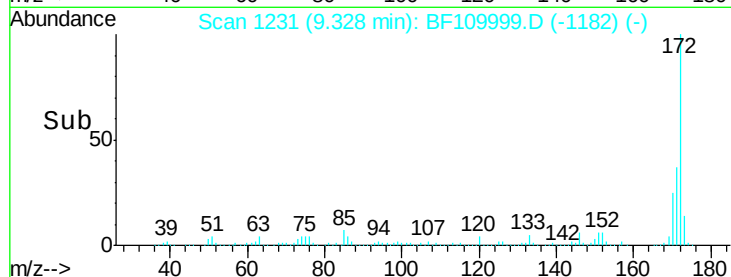
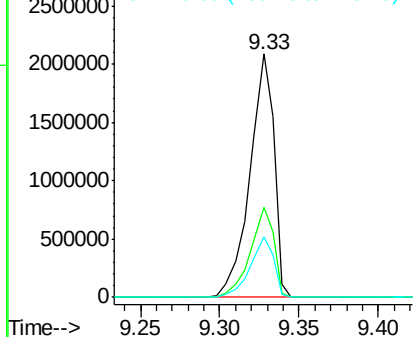
#45
 2-Fluorobiphenyl
 Concen: 76.125 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-1

Tgt Ion:172 Resp: 2200250
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 24.8 19.7 29.5

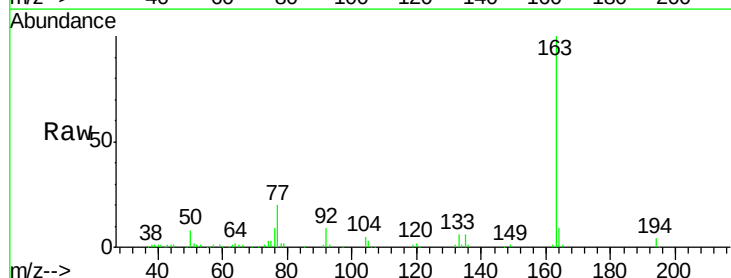


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

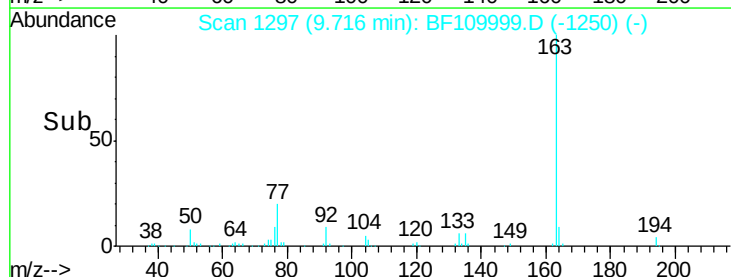
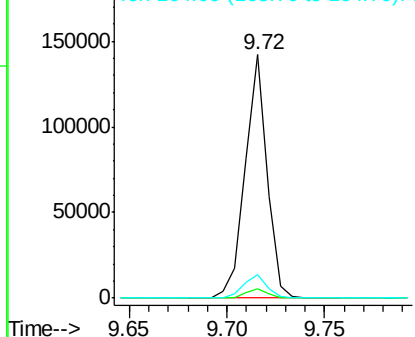


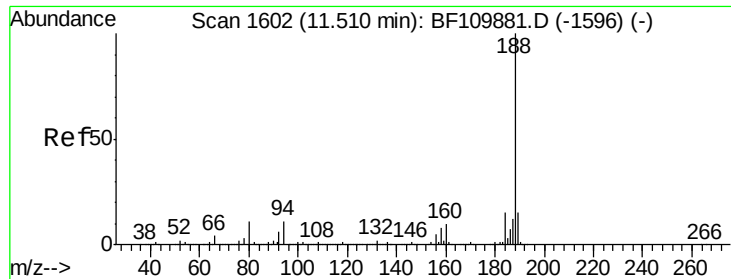
#50
 Dimethylphthalate
 Concen: 3.393 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF109999.D
 Acq: 19 Oct 2018 13:47

Tgt Ion:163 Resp: 110811
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 9.4 8.1 12.1



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

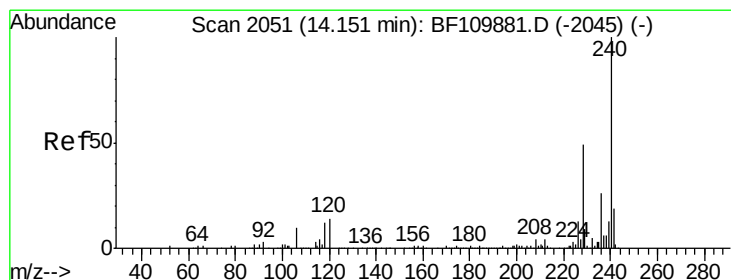
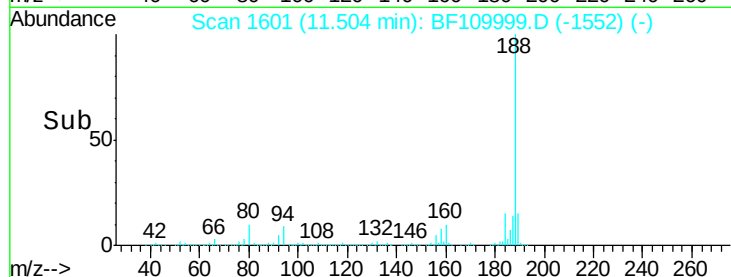
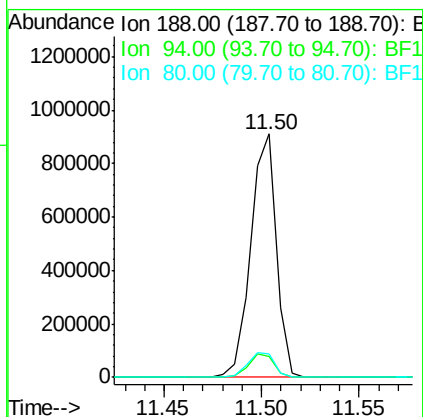
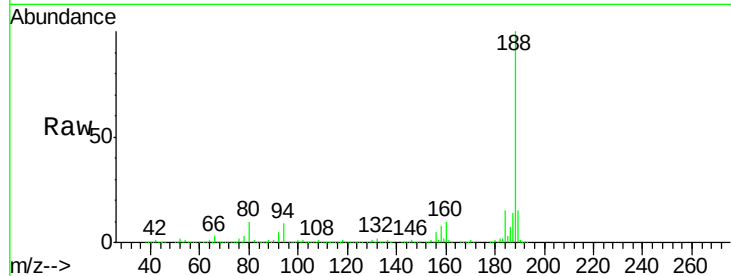




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

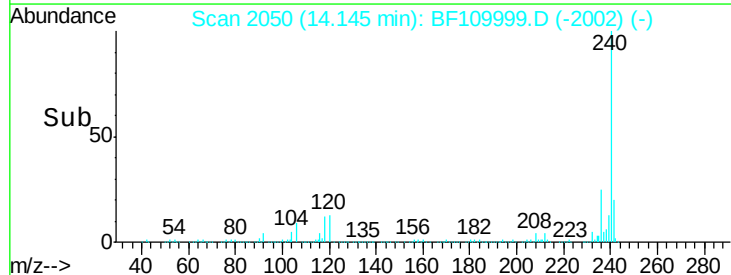
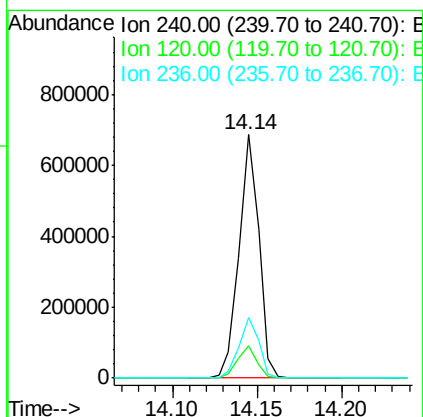
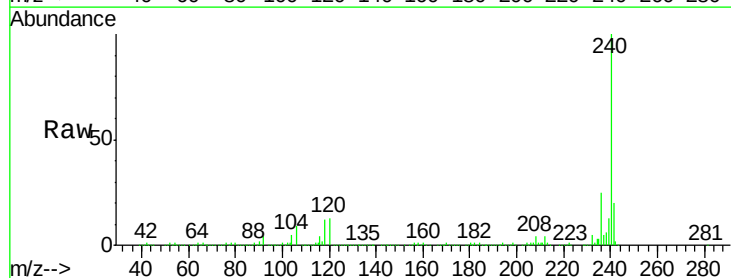
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BNA_F
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RLF-SW-1

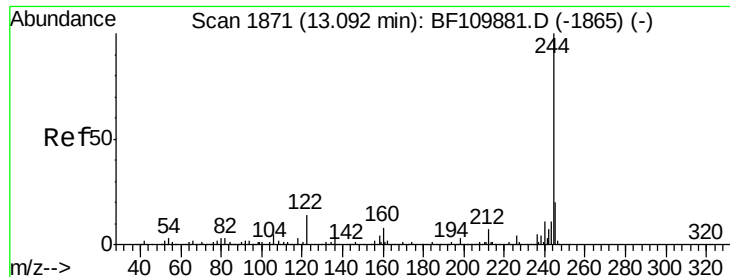
Tgt Ion:188 Resp: 828893
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF109999.D
Acq: 19 Oct 2018 13:47

Tgt Ion:240 Resp: 561140
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 25.0 21.2 31.8





#79

Terphenyl-d14

Concen: 74.838 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

Instrument :

BNA_F

ClientSampleId :

RLF-SW-1

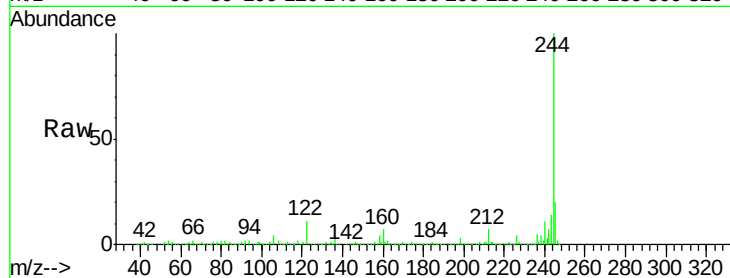
Tgt Ion:244 Resp: 1999824

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.3 8.7 13.1

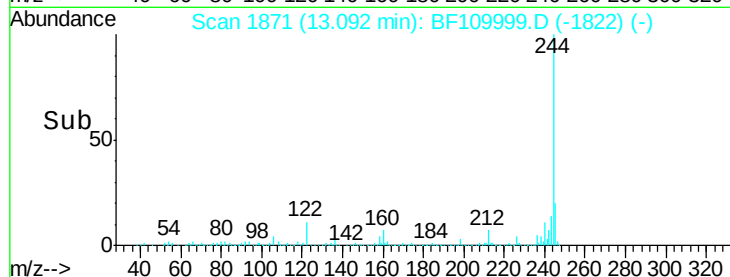


Abundance Ion 244.00 (243.70 to 244.70): E

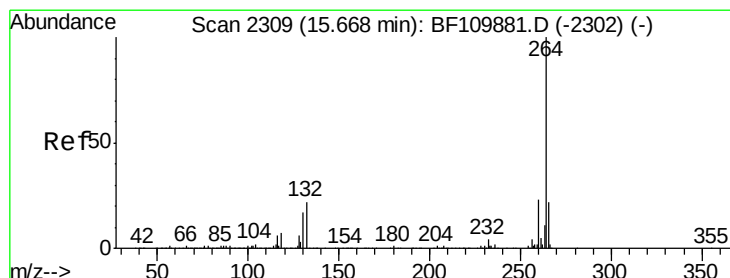
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 13.00 13.10



Time--> 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF109999.D

Acq: 19 Oct 2018 13:47

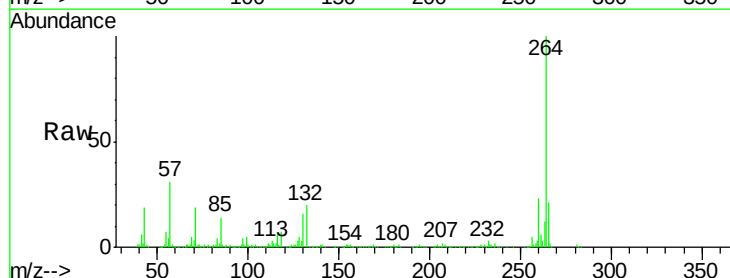
Tgt Ion:264 Resp: 389768

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 16.7 25.1

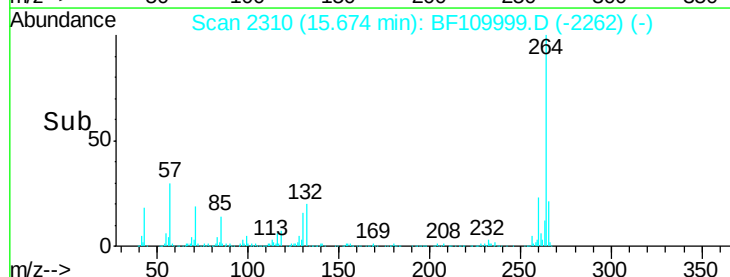


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.60 15.70



Time--> 15.60 15.70