

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109990.D
 Acq On : 19 Oct 2018 5:34
 Operator : JU/SJ
 Sample : J5565-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SD-8

Quant Time: Oct 19 11:24:10 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

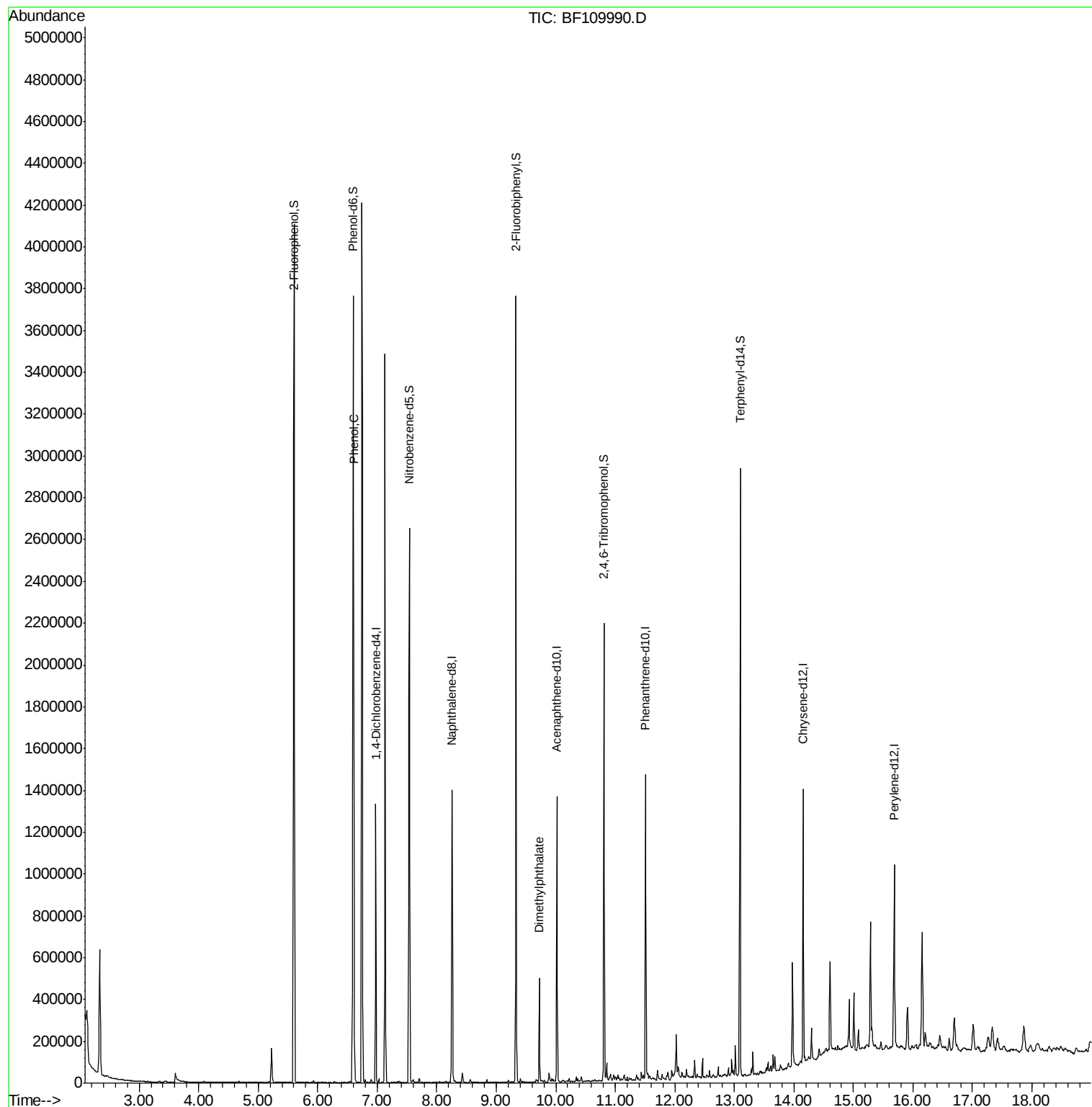
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193182	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	672583	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	264036	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	473454	20.00	ng	0.00
76) Chrysene-d12	14.16	240	400367	20.00	ng	0.00
87) Perylene-d12	15.69	264	287123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1126425	92.43	ng	0.00
7) Phenol-d6	6.60	99	1363531	90.10	ng	0.00
23) Nitrobenzene-d5	7.54	82	808888	81.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	240890	105.38	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1062772	64.23	ng	0.00
79) Terphenyl-d14	13.10	244	985225	51.68	ng	0.00
Target Compounds						
10) Phenol	6.61	94	149797	9.168	ng	Qvalue # 62
50) Dimethylphthalate	9.72	163	195675	10.466	ng	99

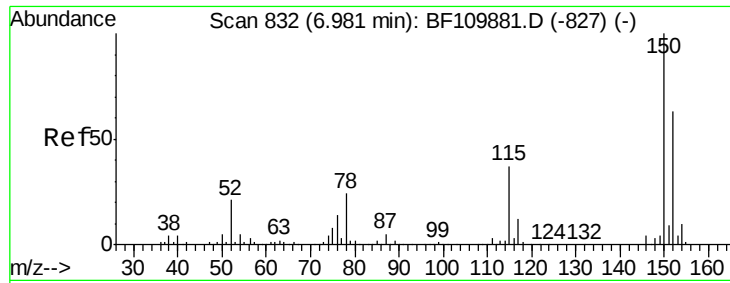
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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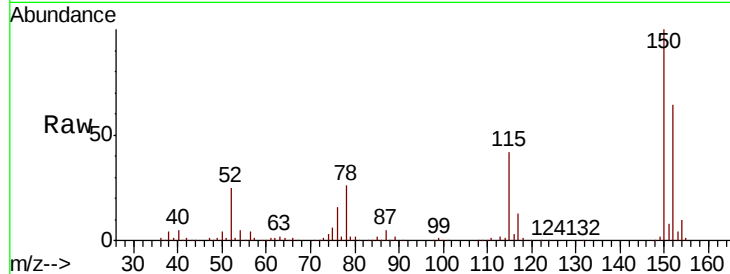


#1

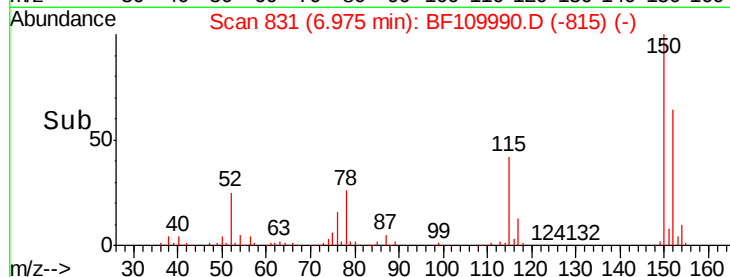
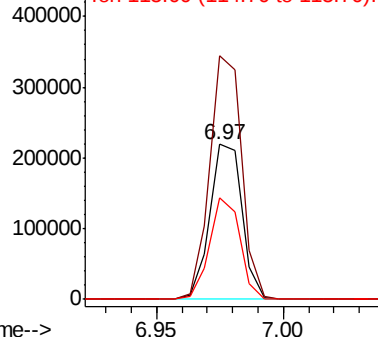
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tot Ion:152 Resp: 193182
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 65.5 49.1 73.7



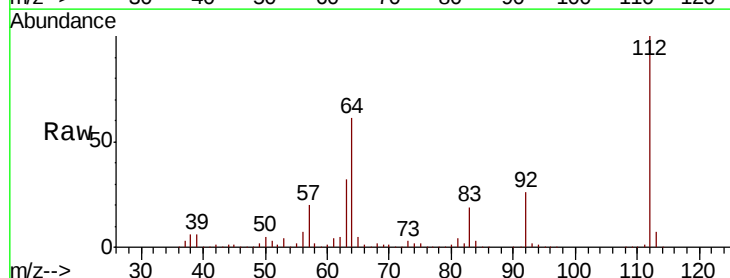
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



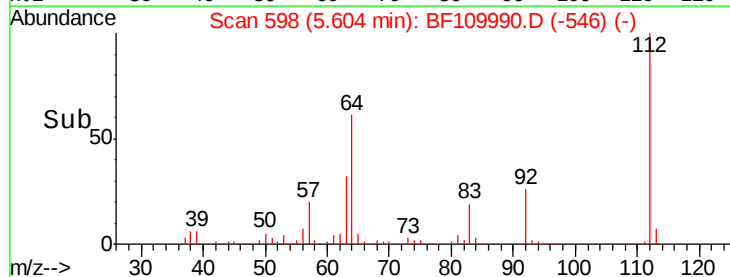
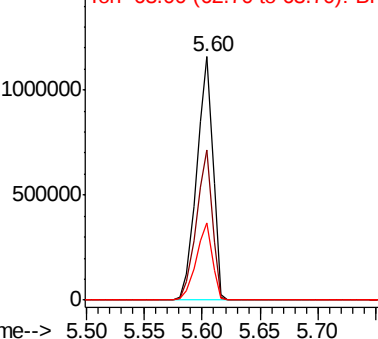
#5

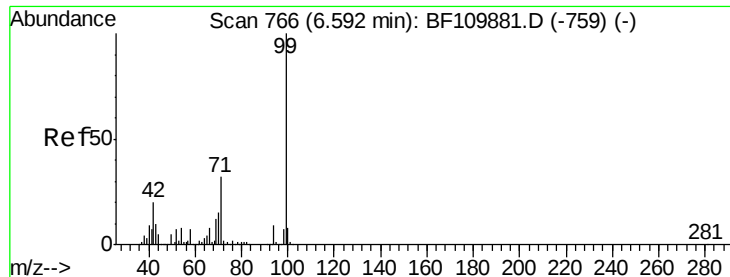
2-Fluorophenol
Concen: 92.428 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:112 Resp: 1126425
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.0 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: 90.102 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampleId :

RLF-SD-8

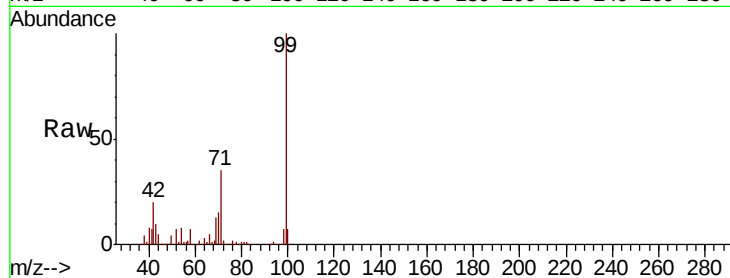
Tot Ion: 99 Resp: 1363531

Ion Ratio Lower Upper

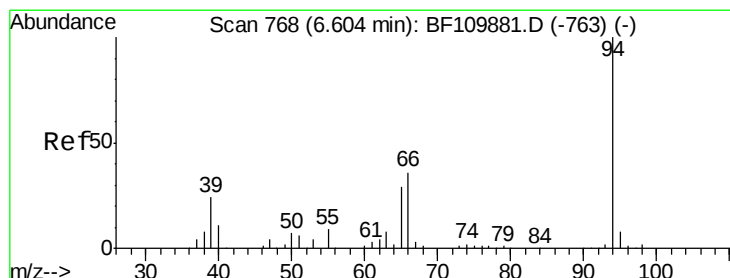
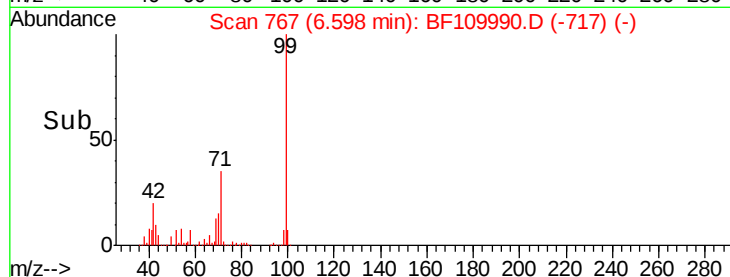
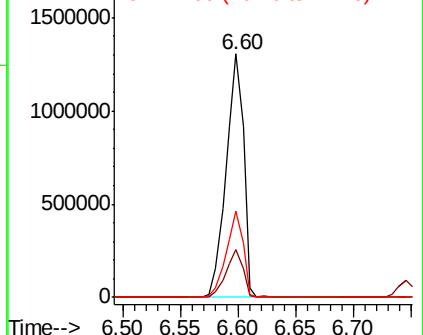
99 100

42 19.7 15.8 23.6

71 35.2 28.0 42.0



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



#10

Phenol

Concen: 9.168 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

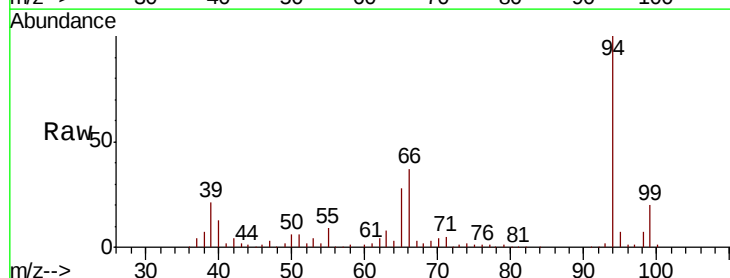
Tgt Ion: 94 Resp: 149797

Ion Ratio Lower Upper

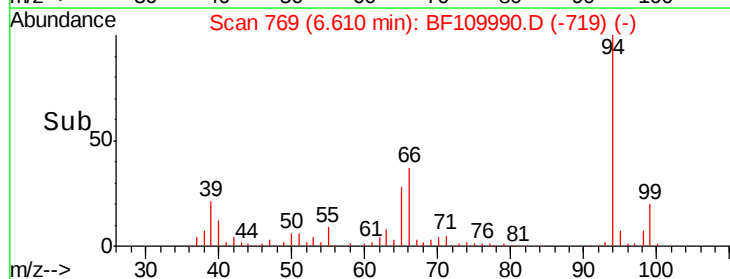
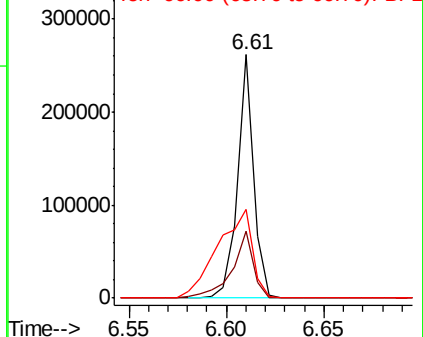
94 100

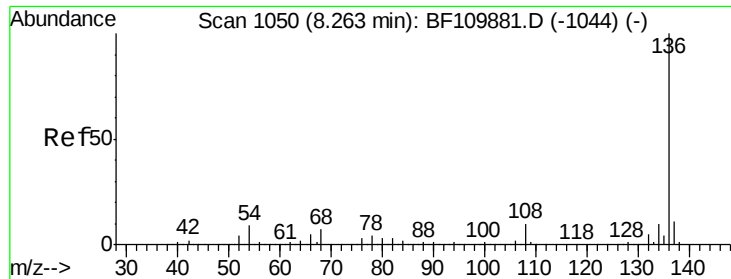
65 27.7 25.3 65.3

66 36.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

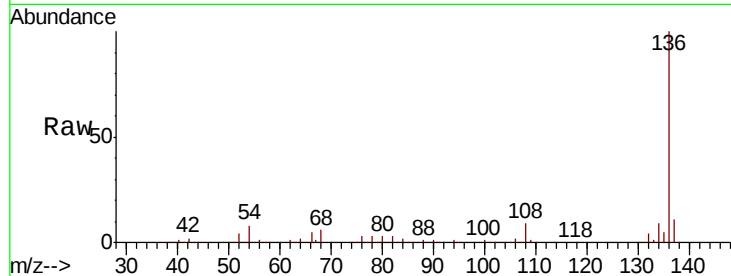




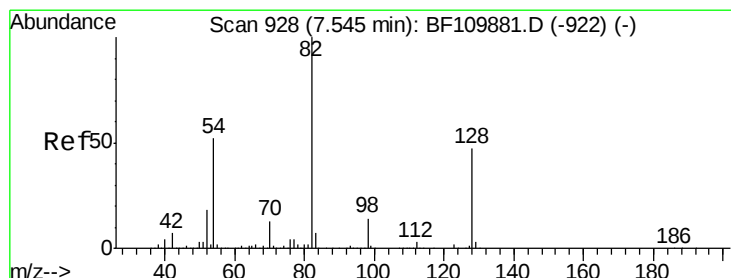
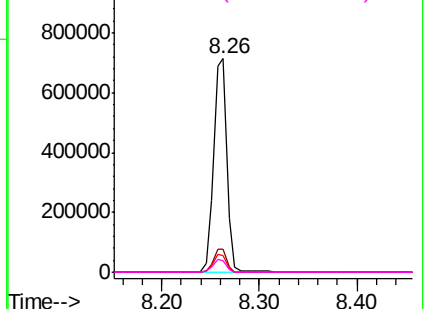
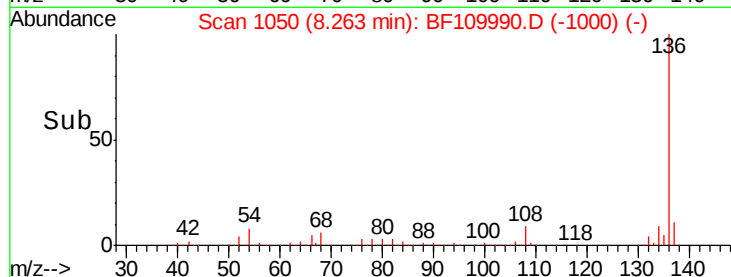
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tot Ion:136	Resp:	672583	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.7	5.4	8.2	
68 5.5	4.2	6.2	

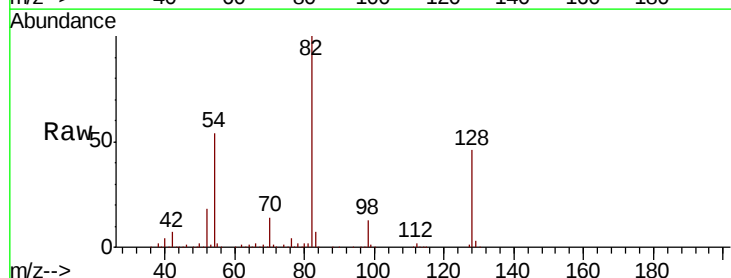


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

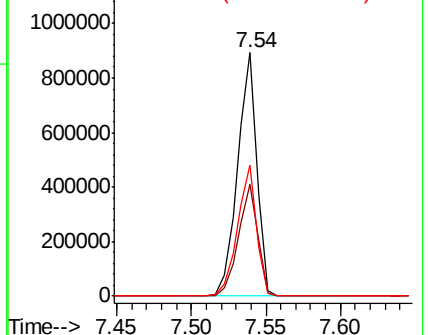
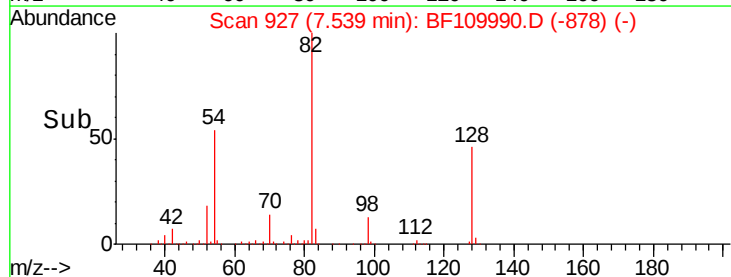


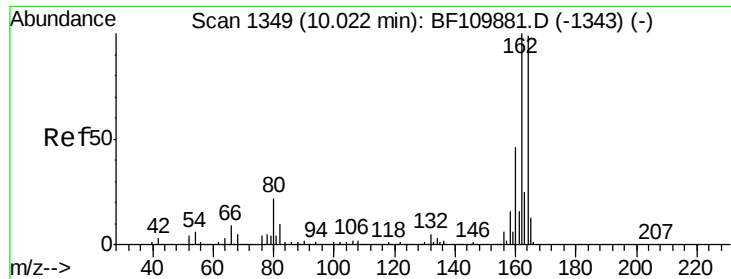
#23
Nitrobenzene-d5
Concen: 81.016 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion: 82	Resp: 808888
Ion Ratio	Lower Upper
82 100	
128 45.8	34.2 51.2
54 53.6	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: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampleId :

RLF-SD-8

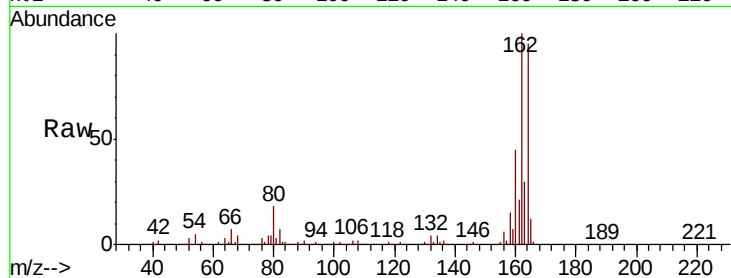
Tot Ion:164 Resp: 264036

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

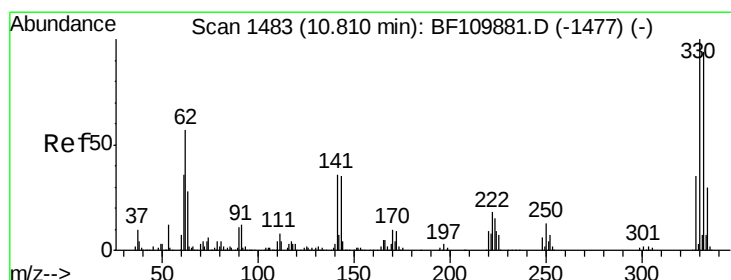
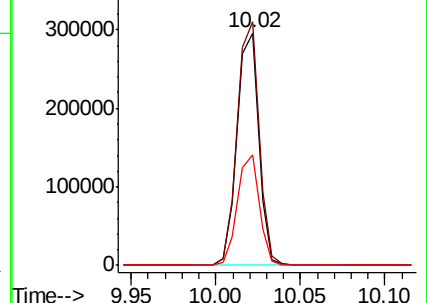
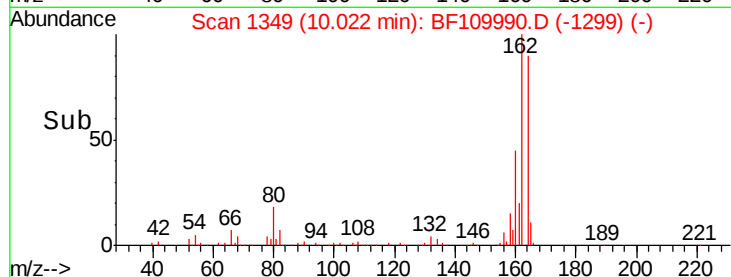
160 47.3 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 105.378 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

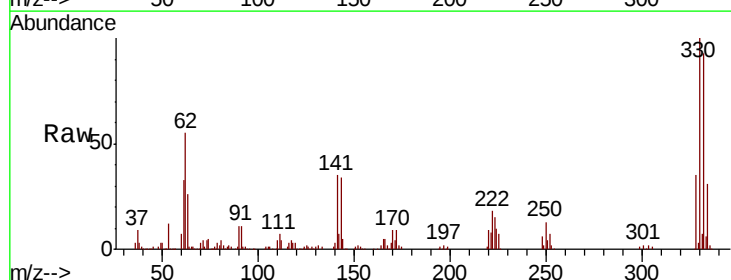
Tgt Ion:330 Resp: 240890

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

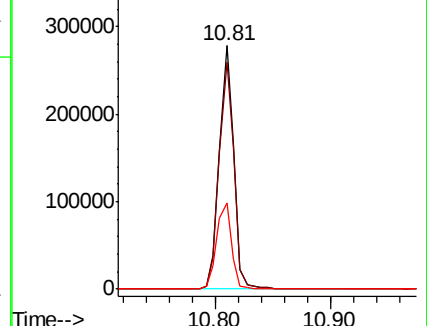
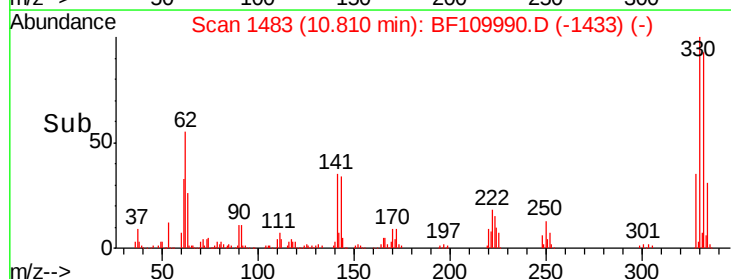
141 37.0 27.0 40.4

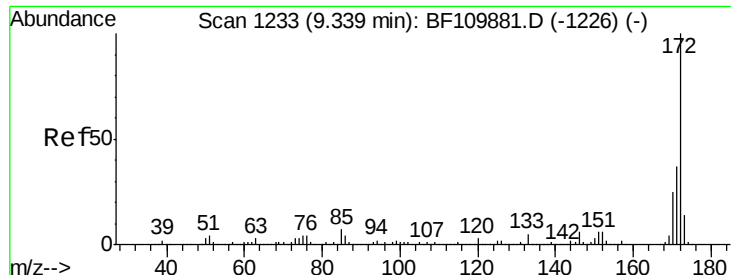


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



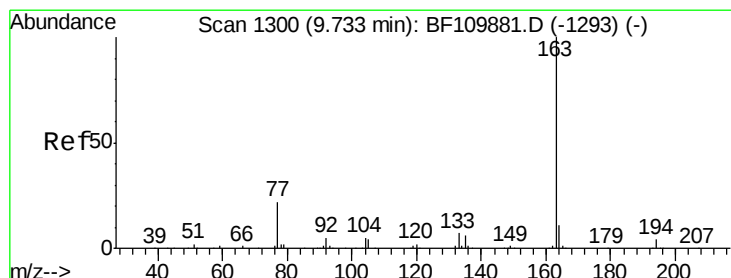
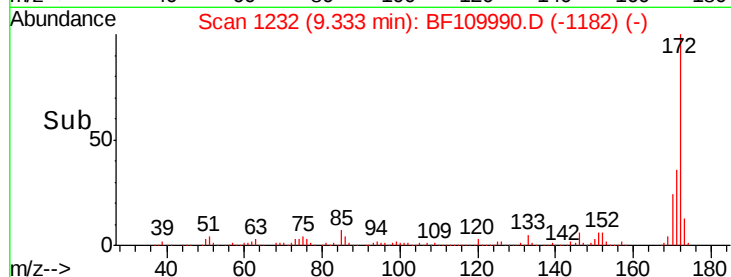
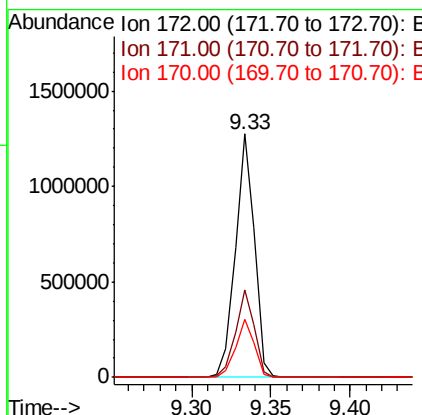
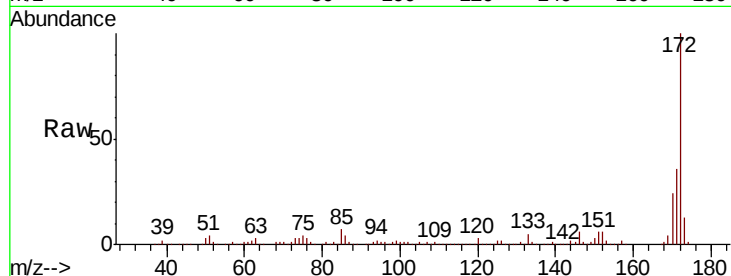


#45
2-Fluorobiphenyl
Concen: 64.227 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Instrument :
BNA_F
ClientSampleId :
RLF-SD-8

Tot Ion:172 Resp: 1062772

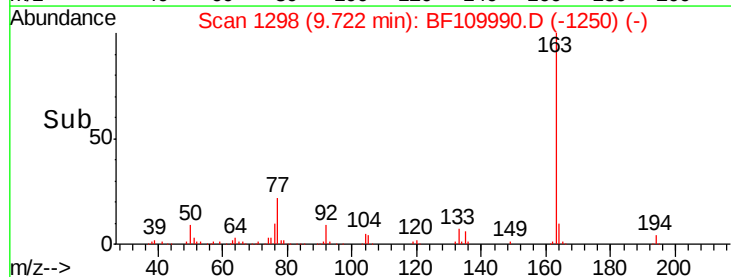
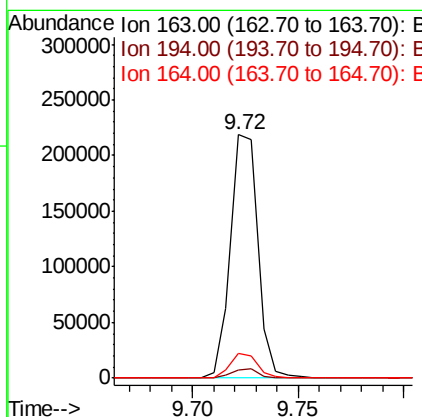
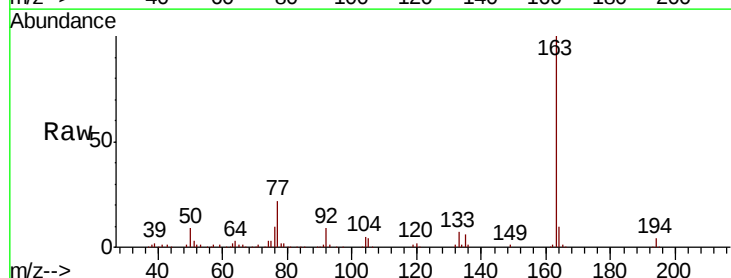
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.7	29.5

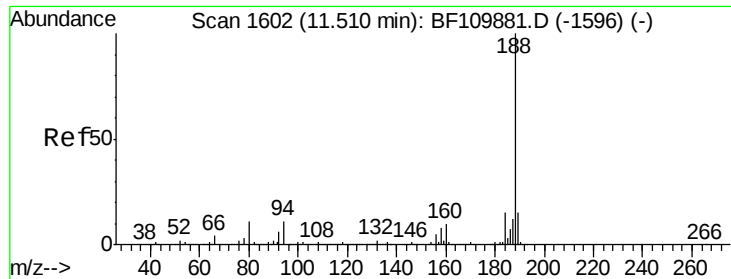


#50
Dimethylphthalate
Concen: 10.466 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109990.D
Acq: 19 Oct 2018 5:34

Tgt Ion:163 Resp: 195675

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampleId :

RLF-SD-8

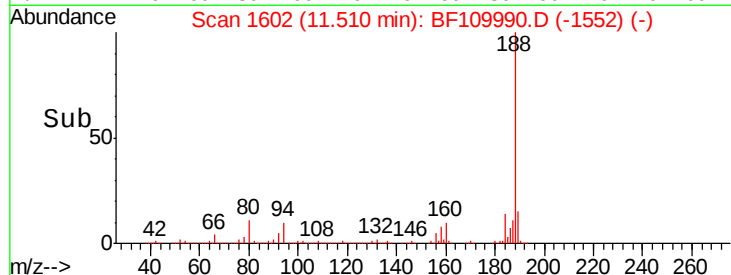
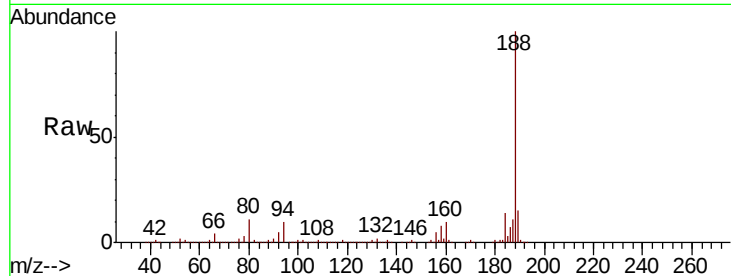
Tot Ion:188 Resp: 473454

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

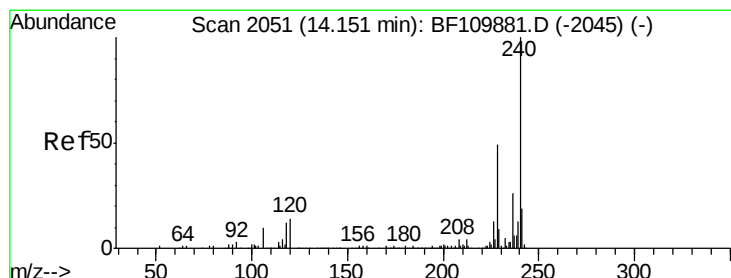
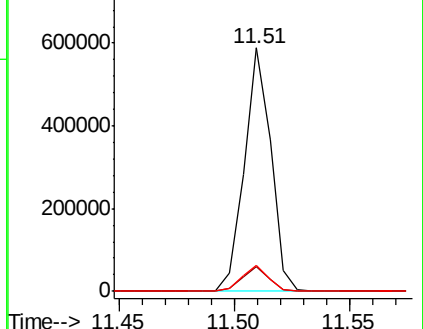
80 10.8 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

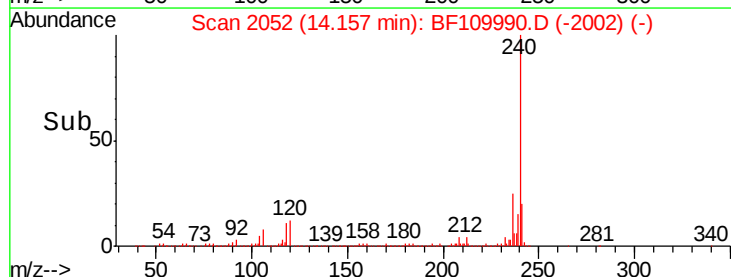
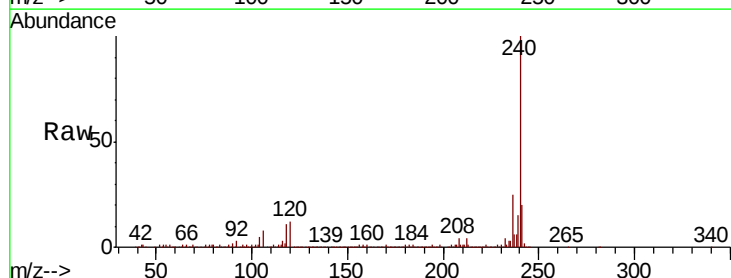
Tgt Ion:240 Resp: 400367

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

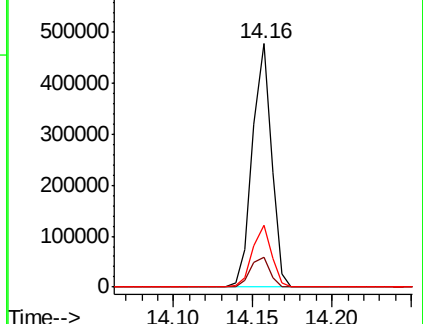
236 25.3 21.2 31.8

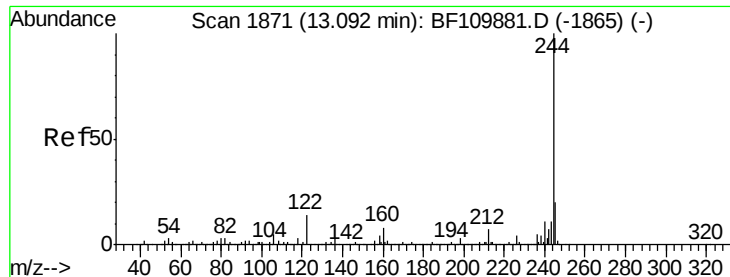


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.675 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

Instrument :

BNA_F

ClientSampled :

RLF-SD-8

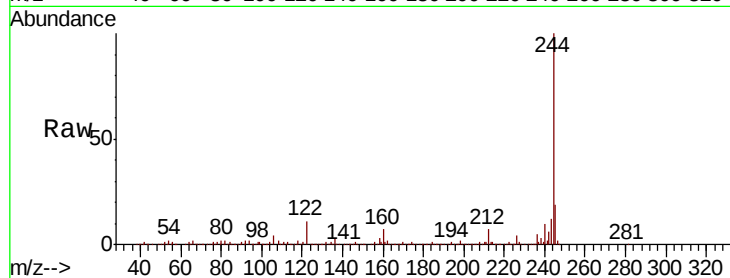
Tot Ion:244 Resp: 985225

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

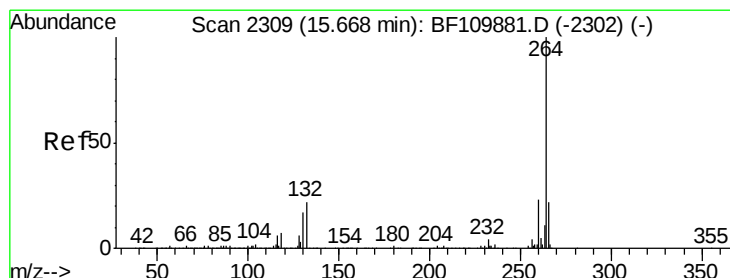
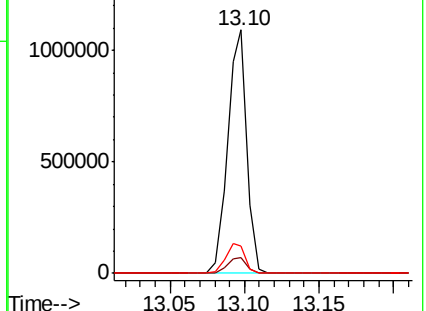
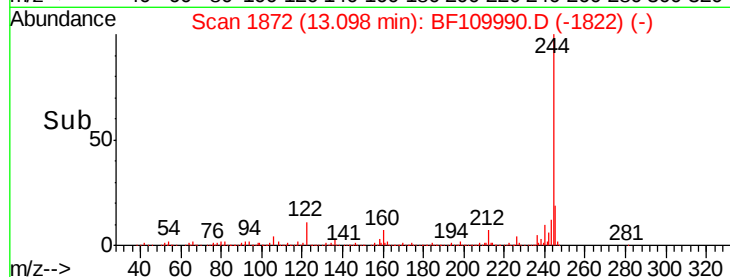
122 11.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109990.D

Acq: 19 Oct 2018 5:34

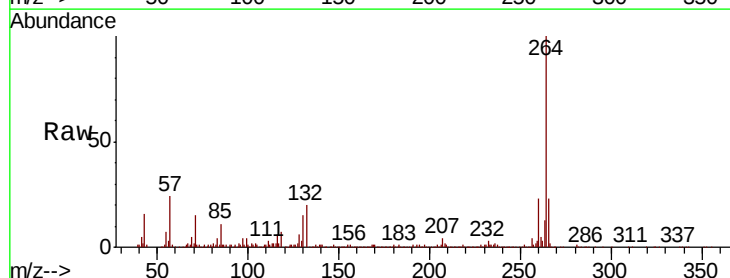
Tgt Ion:264 Resp: 287123

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.8 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

