

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102309.D
 Acq On : 22 Jan 2018 19:49
 Operator : SJ/JU
 Sample : J1116-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-3.5-4.0

Quant Time: Jan 23 02:25:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

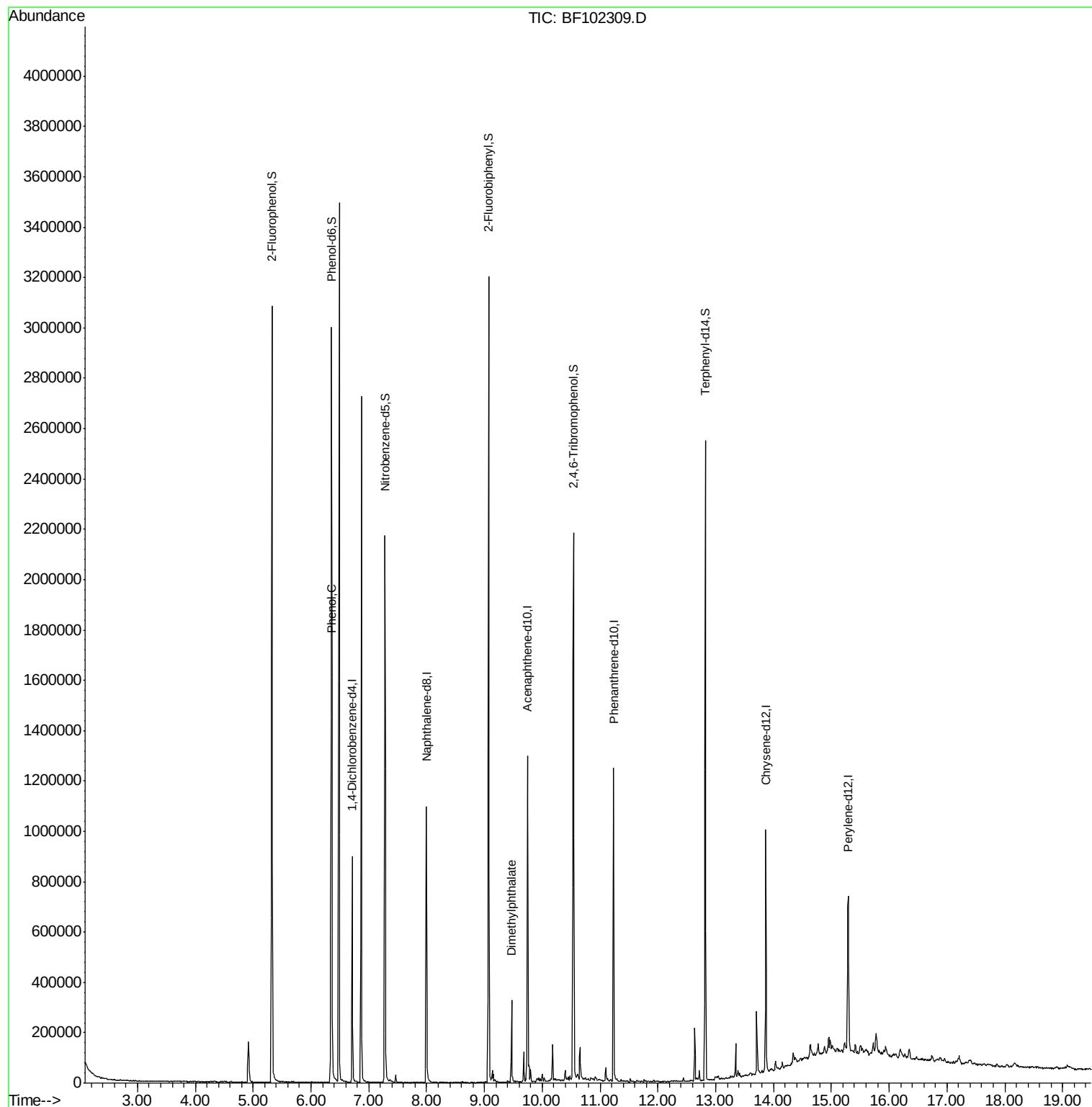
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	138394	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570414	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	254451	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	429721	20.00	ng	0.00
75) Chrysene-d12	13.87	240	301314	20.00	ng	0.00
86) Perylene-d12	15.29	264	264491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	995857	109.11	ng	0.00
7) Phenol-d6	6.36	99	1185729	107.76	ng	0.00
23) Nitrobenzene-d5	7.28	82	741896	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	257323	102.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1078240	62.31	ng	0.00
78) Terphenyl-d14	12.82	244	897367	67.14	ng	0.00
Target Compounds						
10) Phenol	6.37	94	34705	2.889	ng	96
49) Dimethylphthalate	9.47	163	134398	6.390	ng	98

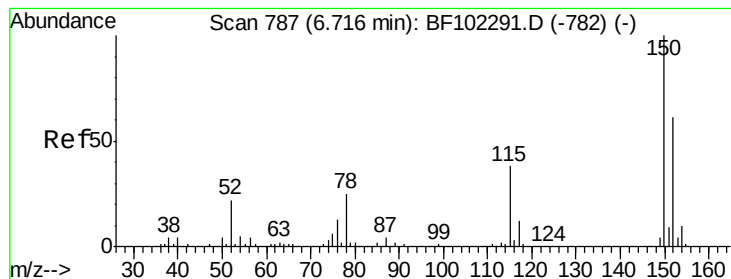
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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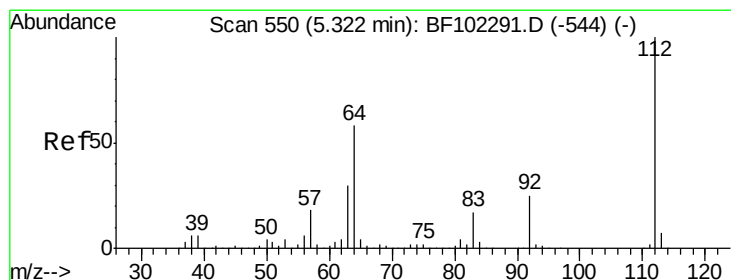
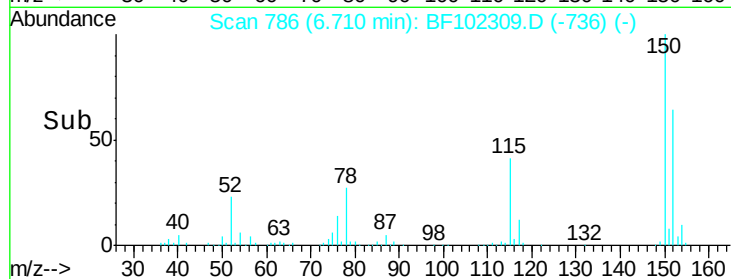
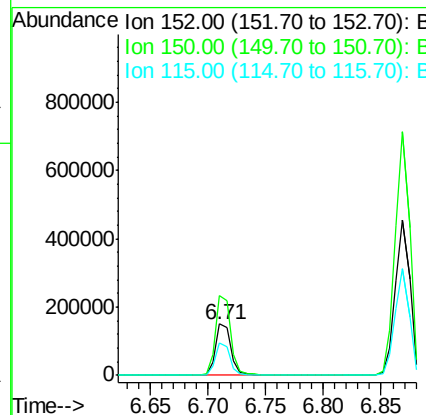
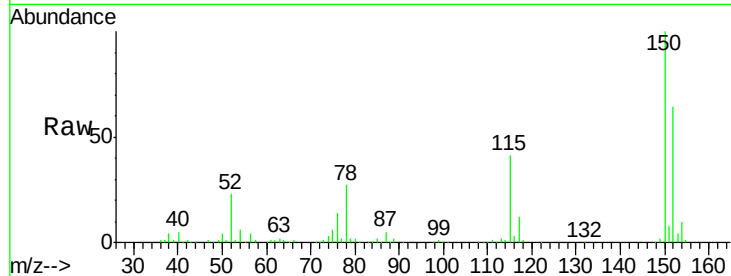


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102309.D
 Acq: 22 Jan 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-3.5-4.0

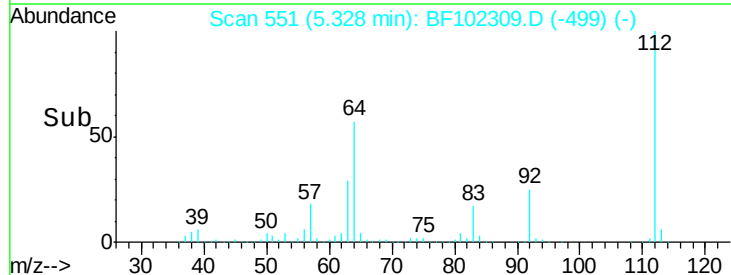
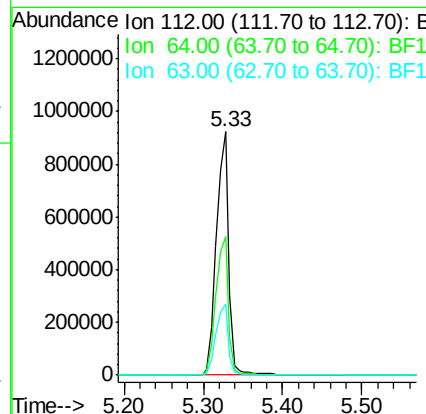
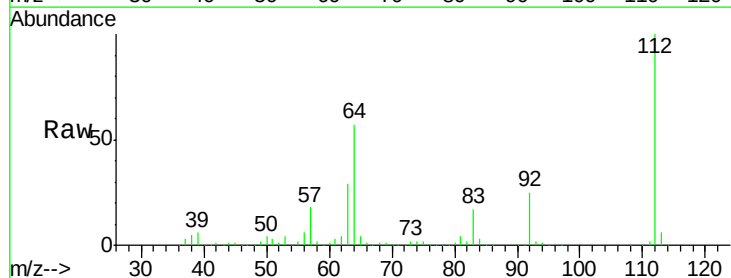
Tot Ion:152 Resp: 138394
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 63.6 50.1 75.1

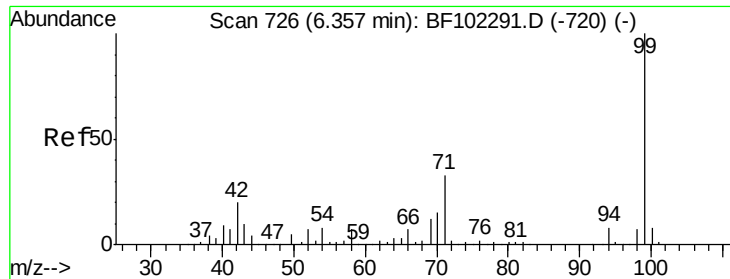


#5

2-Fluorophenol
 Concen: 109.107 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102309.D
 Acq: 22 Jan 2018 19:49

Tgt Ion:112 Resp: 995857
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 107.756 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

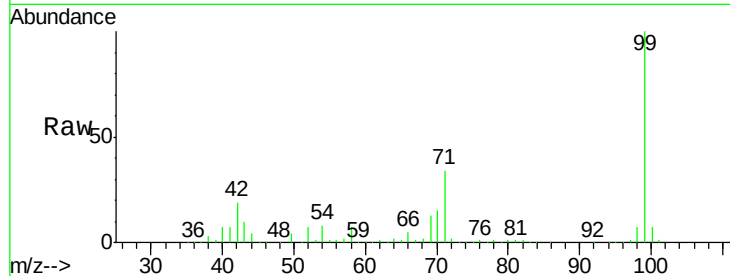
Tot Ion: 99 Resp: 1185729

Ion Ratio Lower Upper

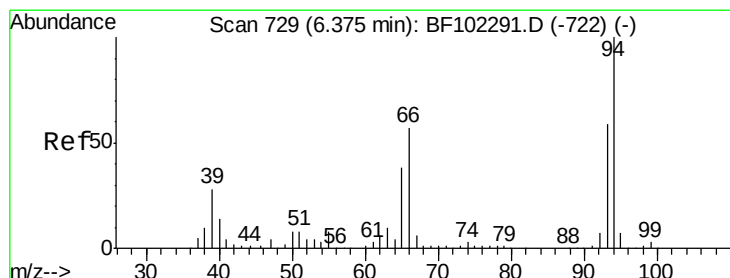
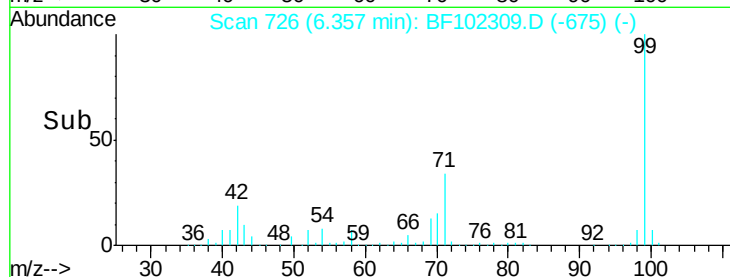
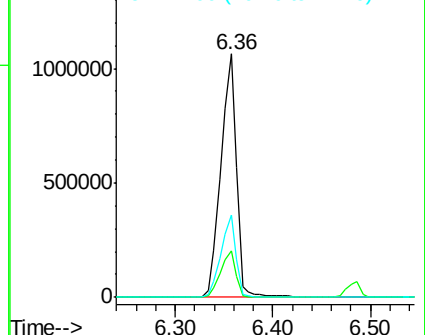
99 100

42 19.1 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



#10

Phenol

Concen: 2.889 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

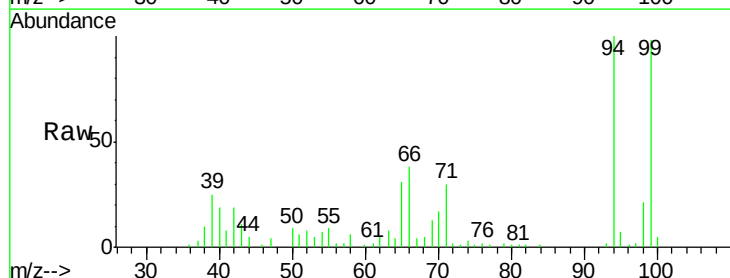
Tgt Ion: 94 Resp: 34705

Ion Ratio Lower Upper

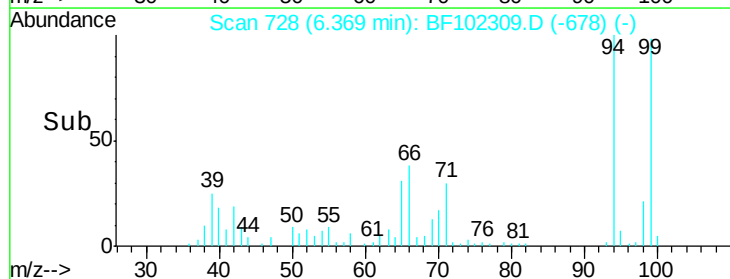
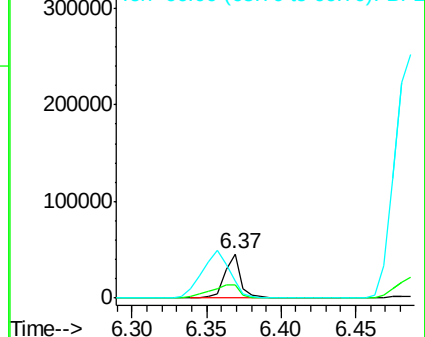
94 100

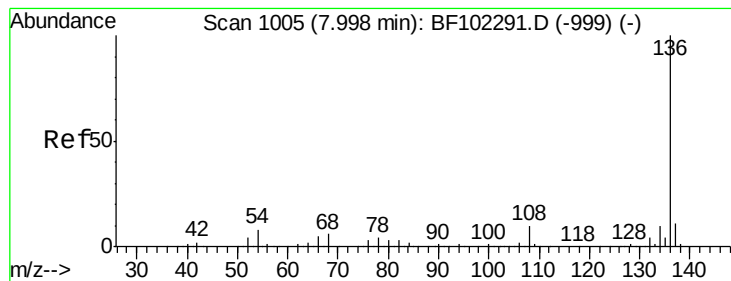
65 30.5 7.9 47.9

66 38.4 16.2 56.2



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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

Tot Ion:136 Resp: 570414

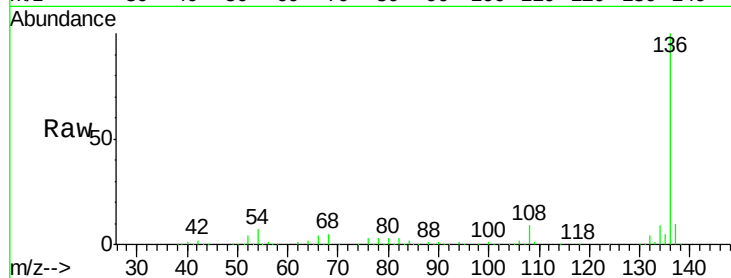
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.3 6.6 9.8

68 5.1 5.0 7.4

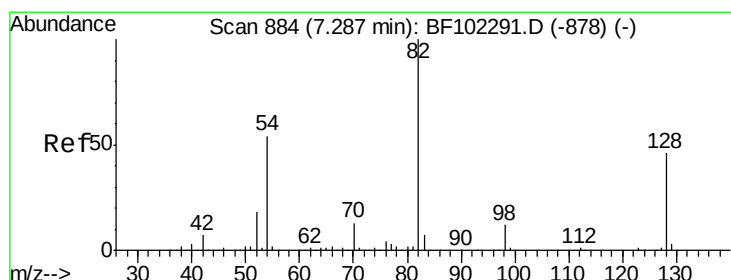
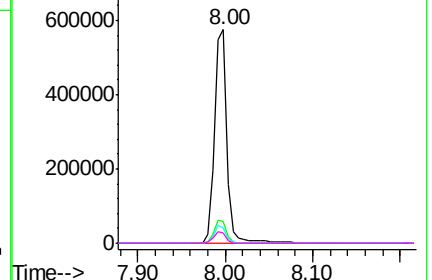
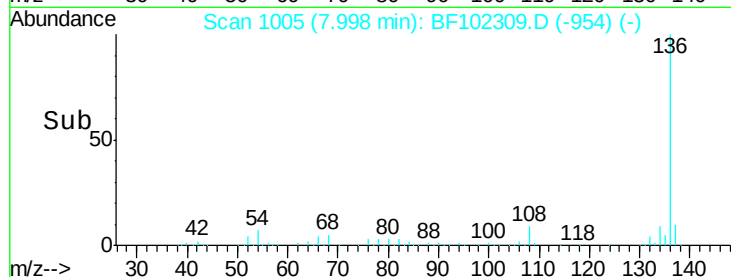


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.743 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

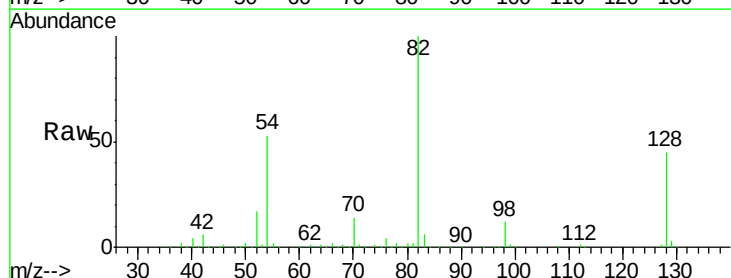
Tgt Ion: 82 Resp: 741896

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

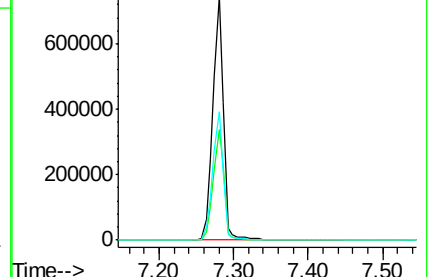
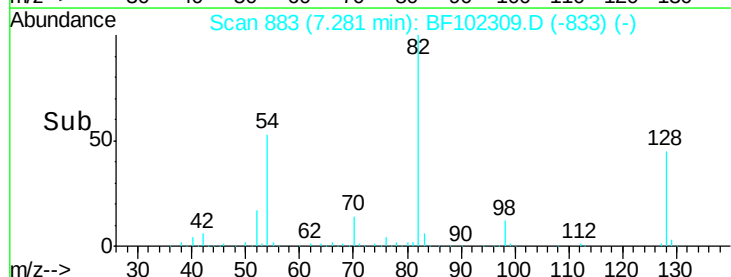
54 52.5 41.4 62.2

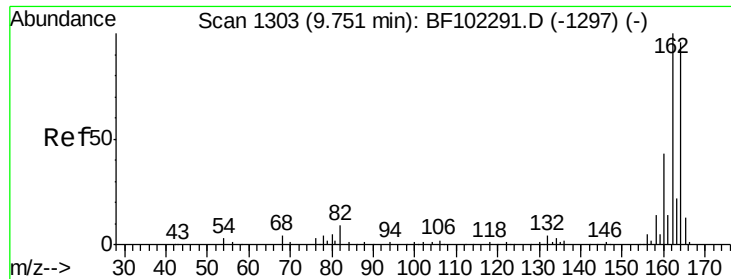


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

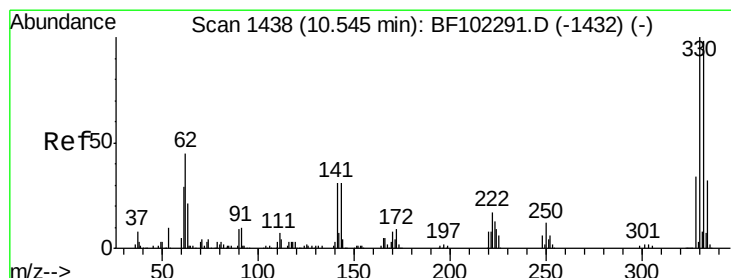
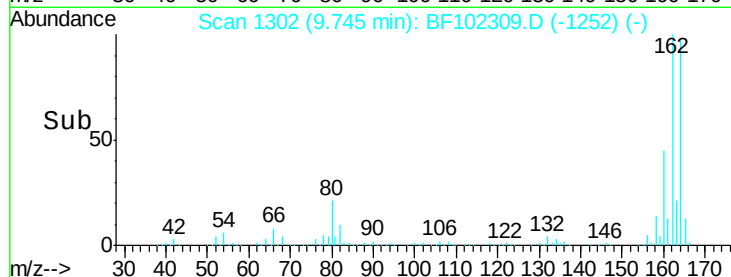
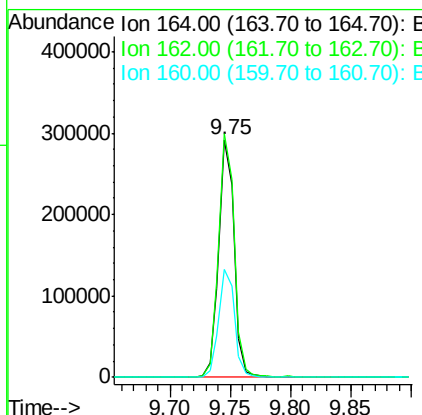
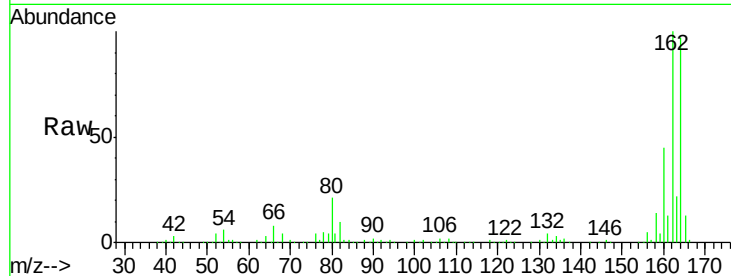




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102309.D
 Acq: 22 Jan 2018 19:49

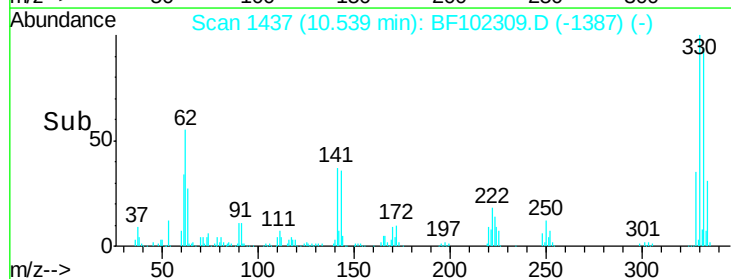
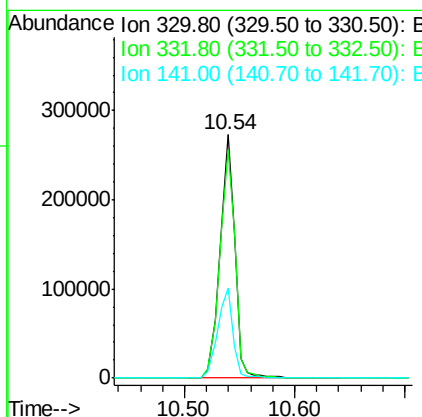
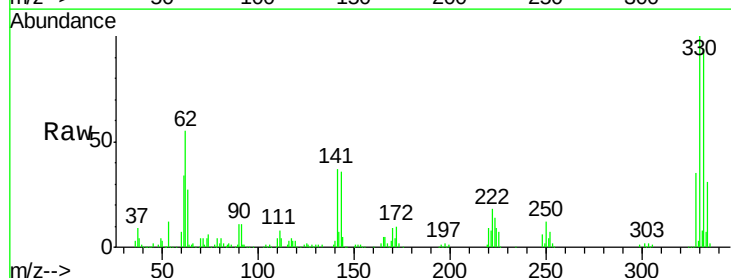
Instrument :
 BNA_F
 ClientSampleId :
 SB-40-3.5-4.0

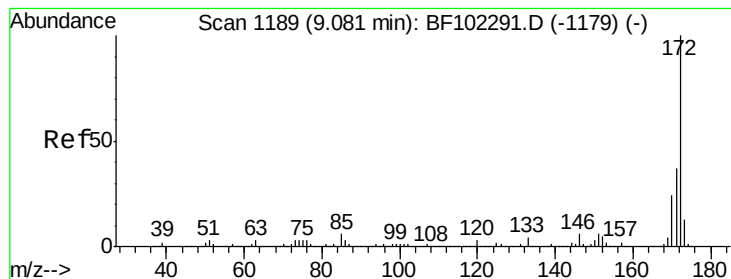
Tot Ion:164 Resp: 254451
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.062 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102309.D
 Acq: 22 Jan 2018 19:49

Tgt Ion:330 Resp: 257323
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 38.3 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 62.306 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

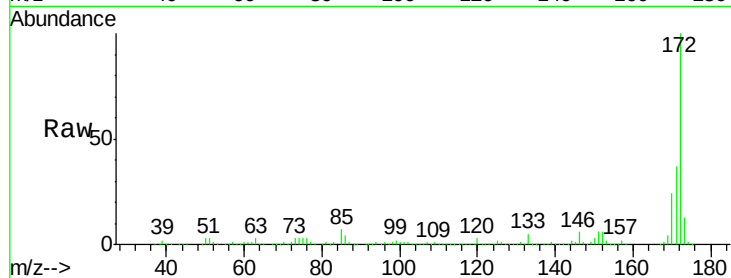
Tot Ion:172 Resp: 1078240

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

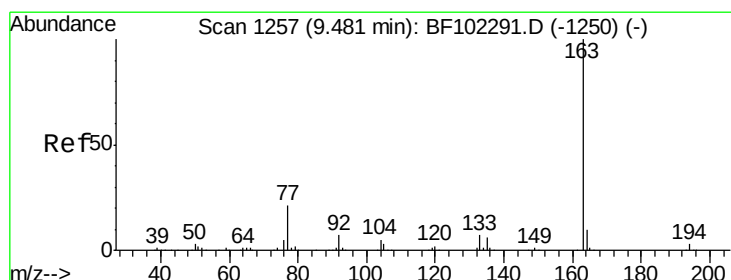
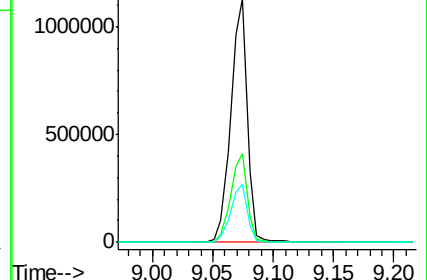
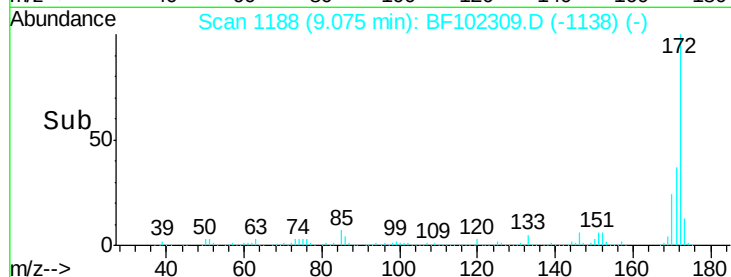
170 24.0 19.6 29.4



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: 6.390 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

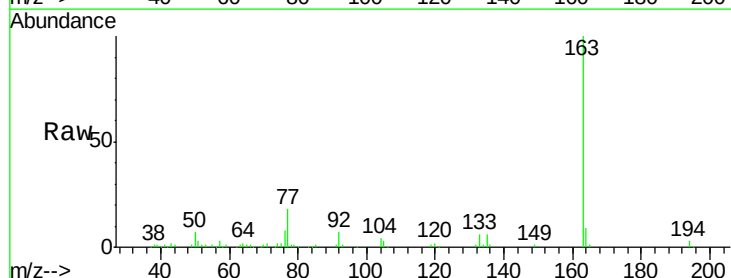
Tgt Ion:163 Resp: 134398

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

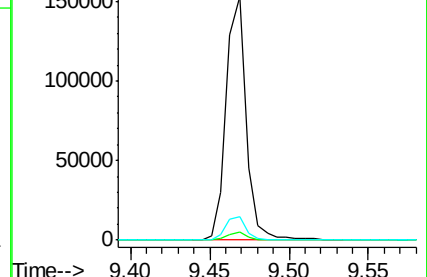
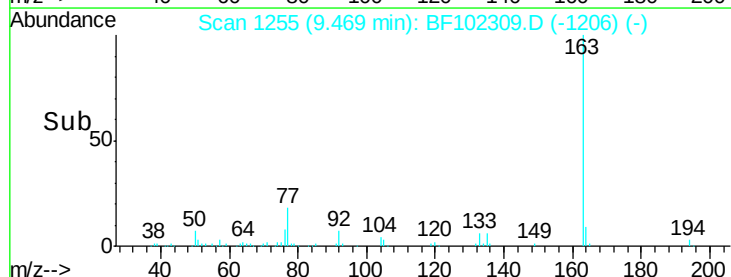
164 9.5 8.2 12.2

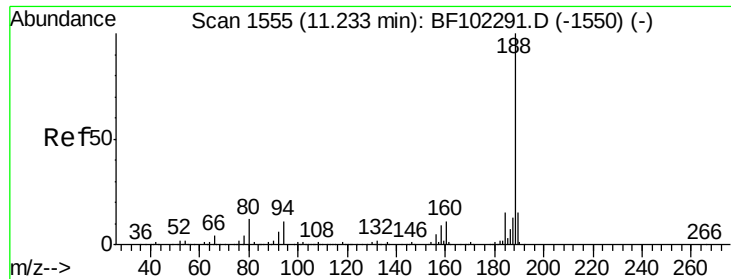


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

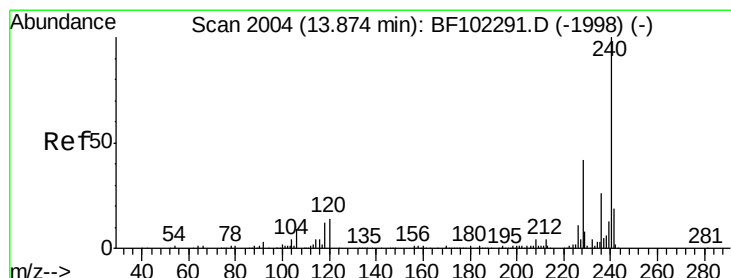
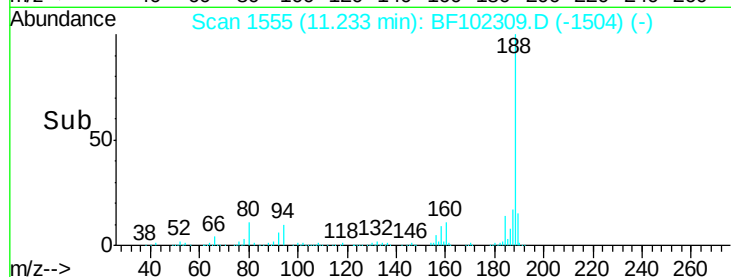
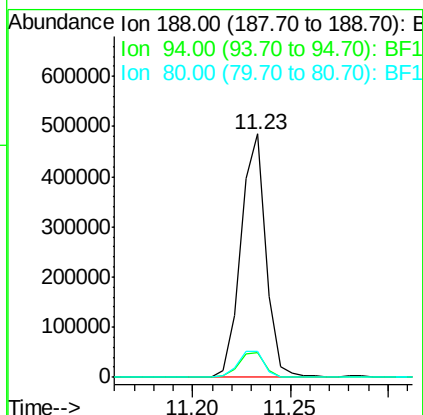
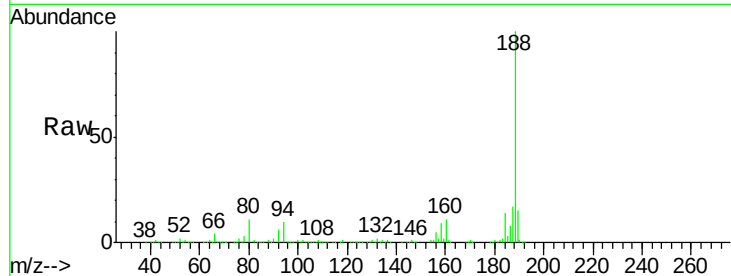




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102309.D
Acq: 22 Jan 2018 19:49

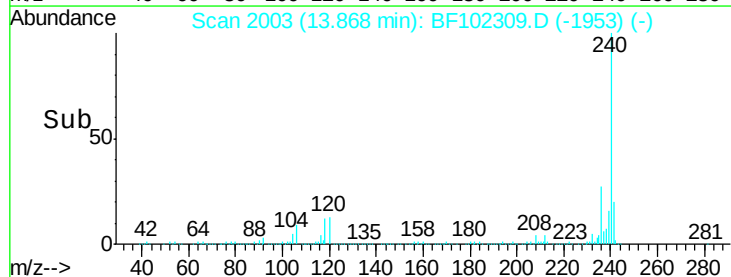
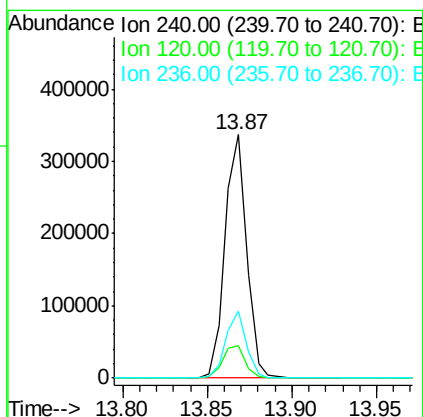
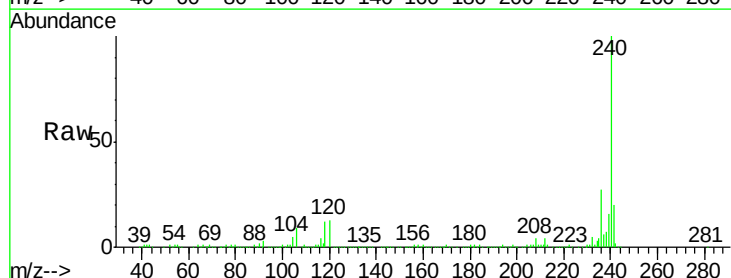
Instrument :
BNA_F
ClientSampleId :
SB-40-3.5-4.0

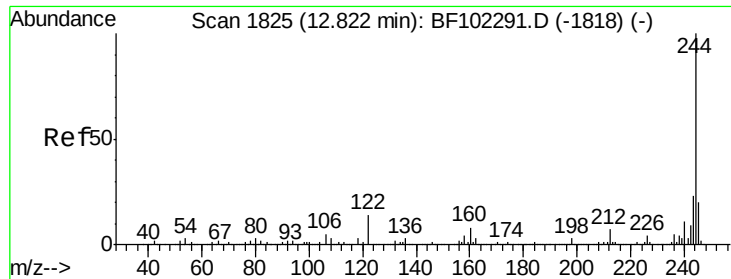
Tot Ion:188 Resp: 429721
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102309.D
Acq: 22 Jan 2018 19:49

Tgt Ion:240 Resp: 301314
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 27.3 20.7 31.1





#78

Terphenyl-d14

Concen: 67.139 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

Instrument :

BNA_F

ClientSampleId :

SB-40-3.5-4.0

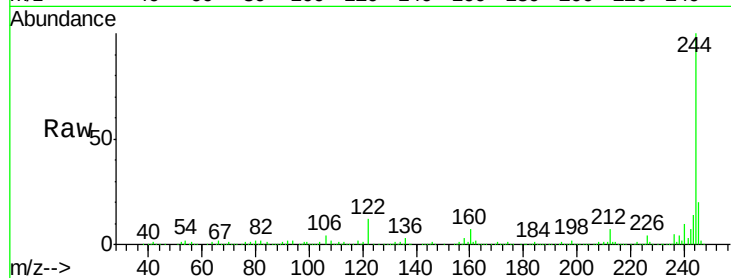
Tot Ion:244 Resp: 897367

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

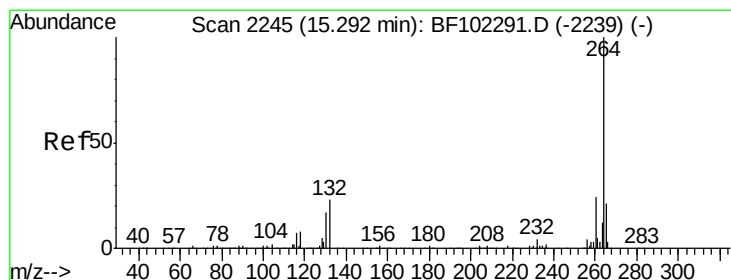
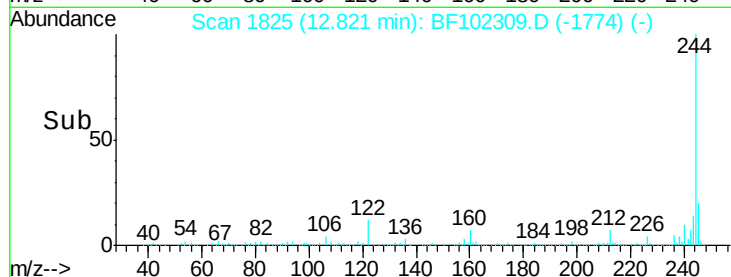
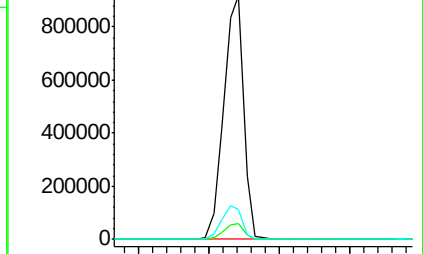
122 12.5 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BF102309.D

Acq: 22 Jan 2018 19:49

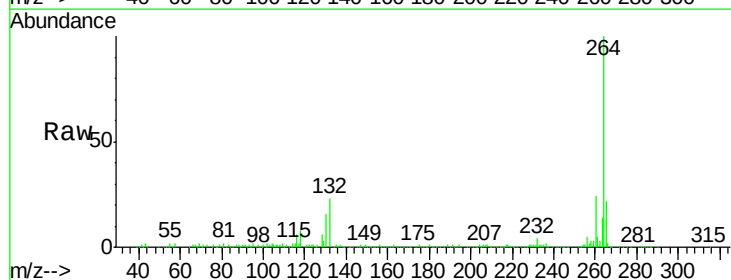
Tgt Ion:264 Resp: 264491

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

