

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102398.D
 Acq On : 24 Jan 2018 19:12
 Operator : SJ/JU
 Sample : J1249-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-5(0-2)

Quant Time: Jan 25 00:53:52 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

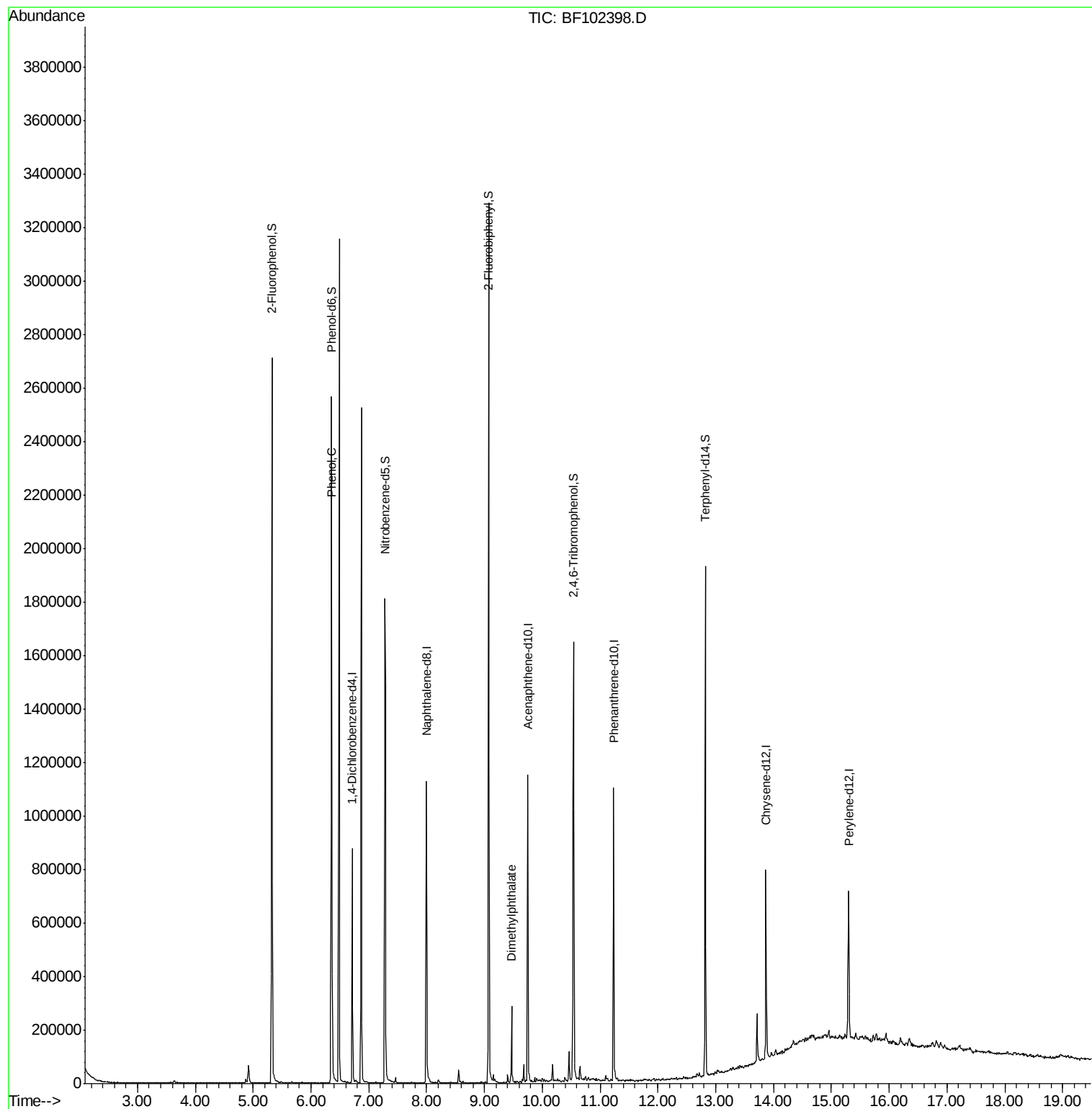
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128710	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	533811	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237197	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	372396	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251368	20.00	ng	0.00
86) Perylene-d12	15.30	264	242774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836472	98.54	ng	0.00
7) Phenol-d6	6.36	99	1024604	100.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	644795	69.41	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	181186	77.09	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1005159	62.31	ng	0.00
78) Terphenyl-d14	12.82	244	639431	57.35	ng	0.00
Target Compounds						
10) Phenol	6.37	94	51984	4.653	ng	97
49) Dimethylphthalate	9.47	163	113867	5.808	ng	98

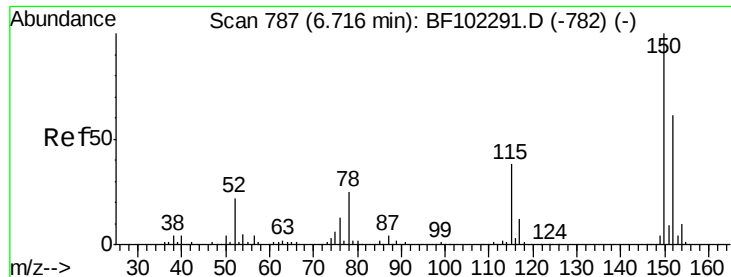
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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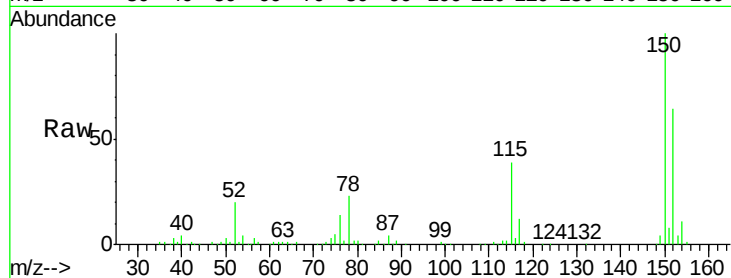


#1

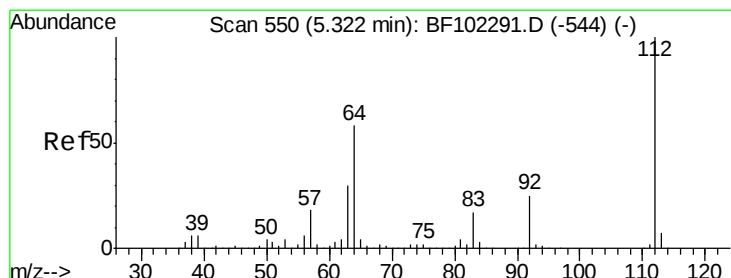
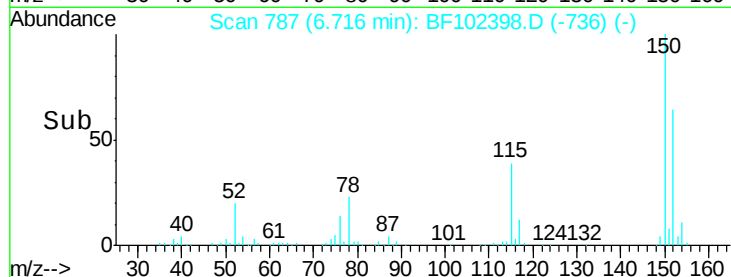
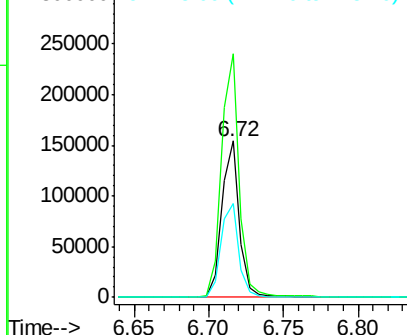
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Instrument :
BNA_F
ClientSampleId :
AB-5(0-2)

Tgt Ion:152 Resp: 128710
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.3 50.1 75.1



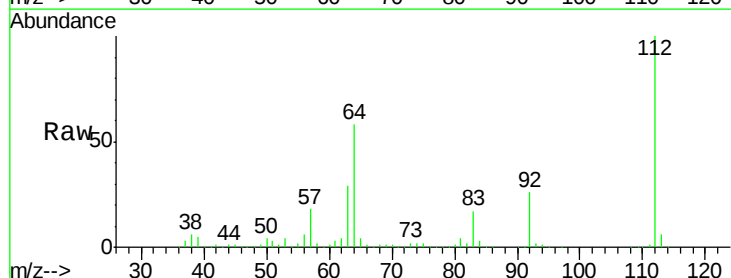
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



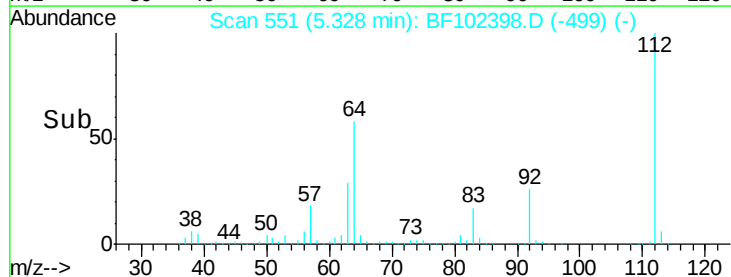
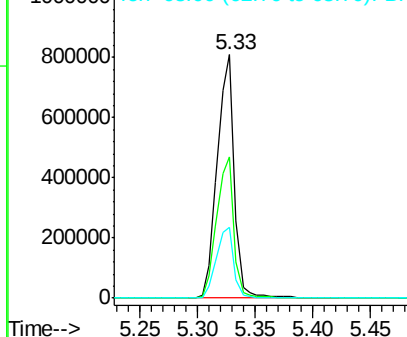
#5

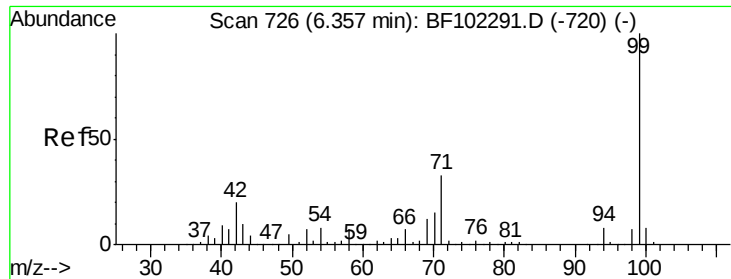
2-Fluorophenol
Concen: 98.540 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:112 Resp: 836472
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 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: 100.119 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

Instrument :

BNA_F

ClientSampleId :

AB-5(0-2)

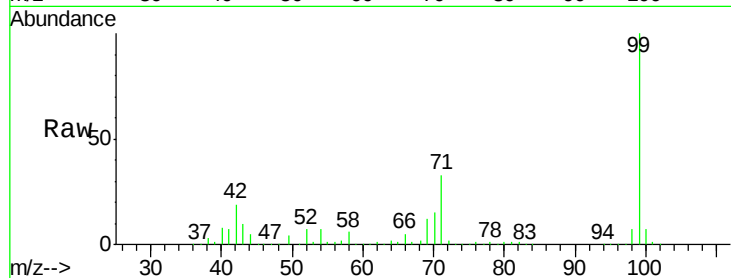
Tgt Ion: 99 Resp: 1024604

Ion Ratio Lower Upper

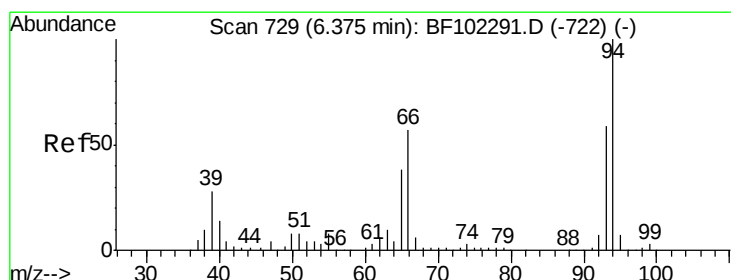
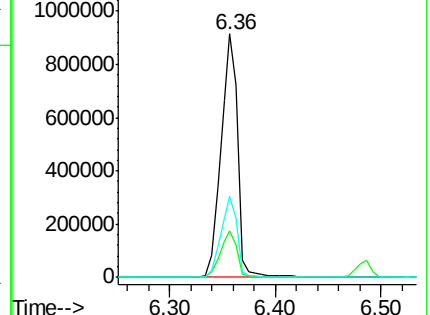
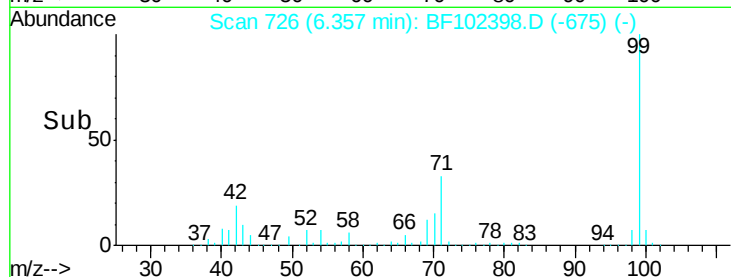
99 100

42 19.1 14.5 21.7

71 33.1 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



#10

Phenol

Concen: 4.653 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

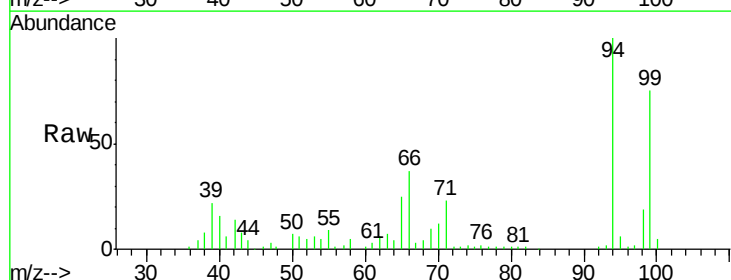
Tgt Ion: 94 Resp: 51984

Ion Ratio Lower Upper

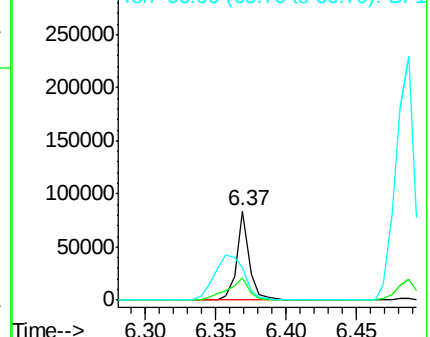
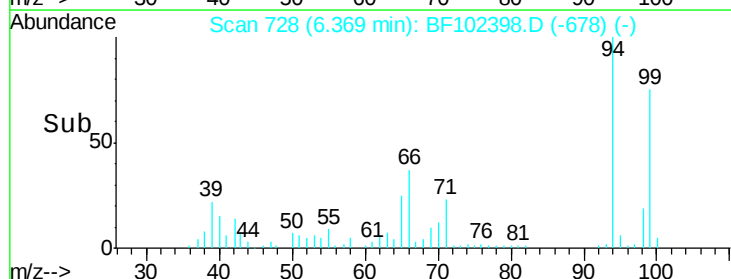
94 100

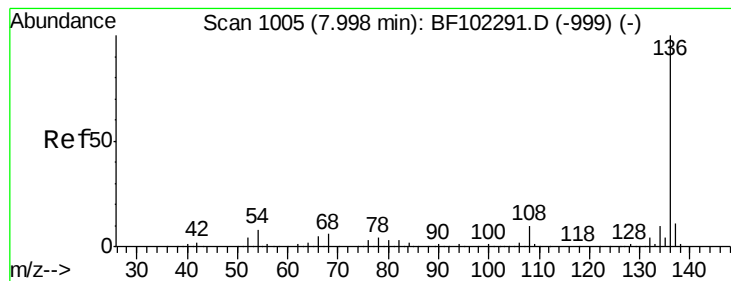
65 25.3 7.9 47.9

66 37.1 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: BF102398.D

Acq: 24 Jan 2018 19:12

Instrument :

BNA_F

ClientSampleId :

AB-5(0-2)

Tgt Ion:136 Resp: 533811

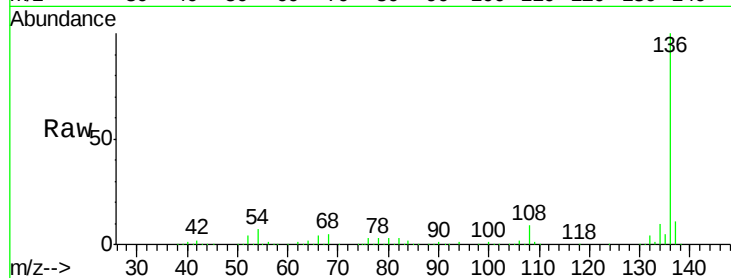
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 4.9 5.0 7.4#

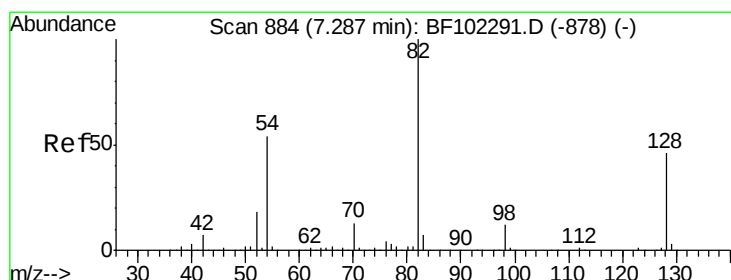
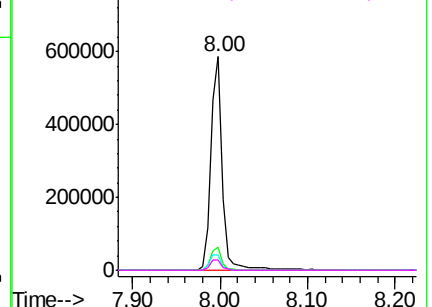
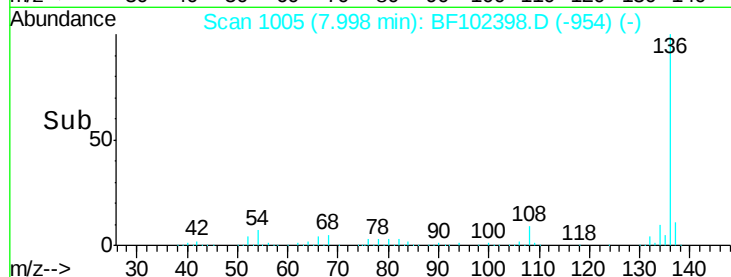


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.415 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

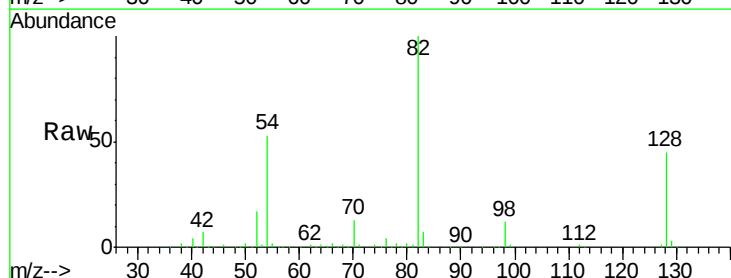
Tgt Ion: 82 Resp: 644795

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

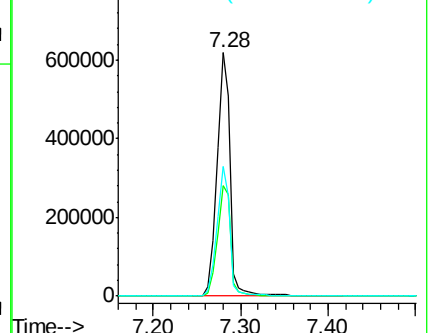
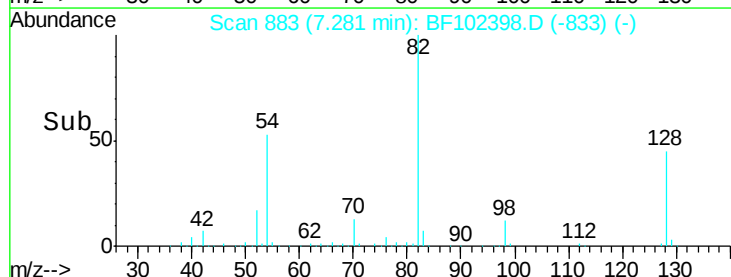
54 53.5 41.4 62.2

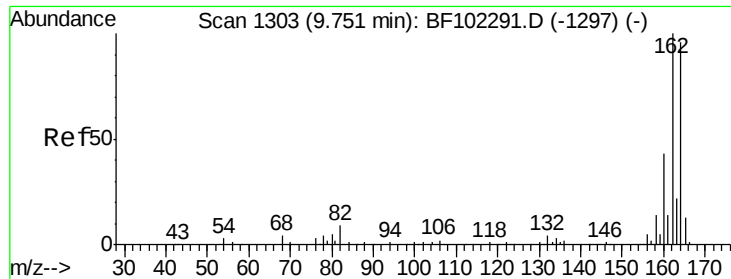


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

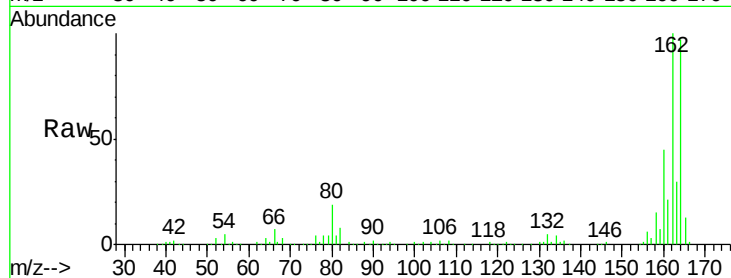




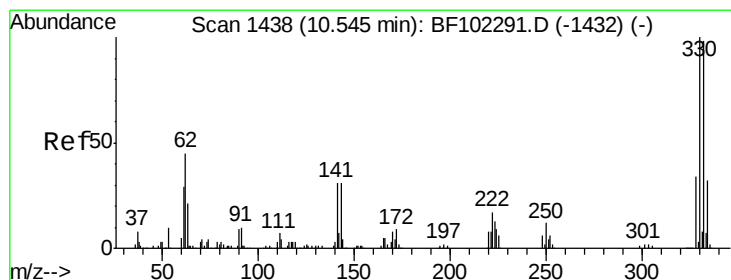
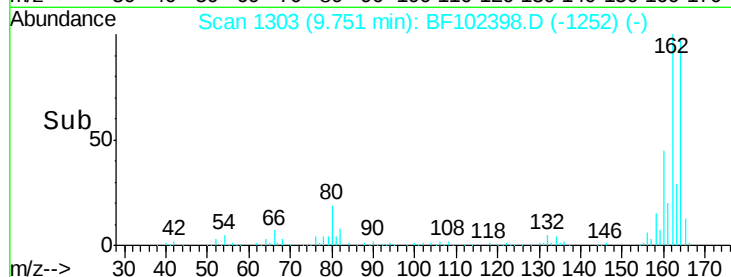
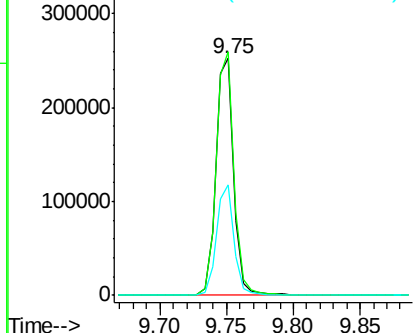
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :
 AB-5(0-2)

Tgt Ion:164 Resp: 237197
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.4 38.3 57.5

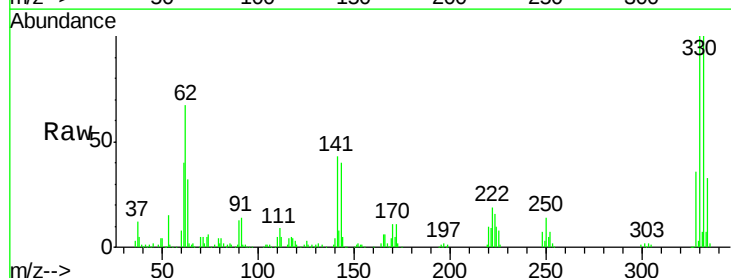


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

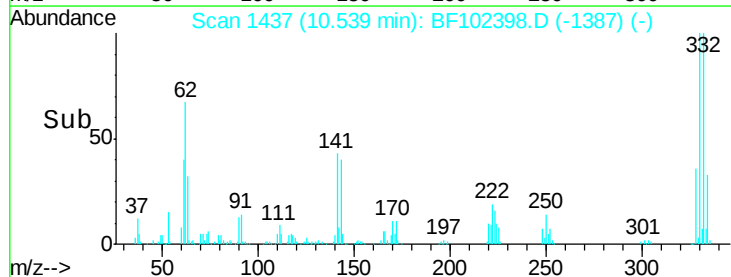
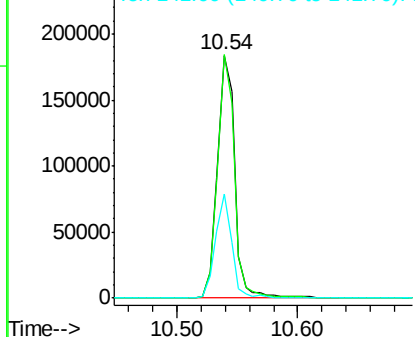


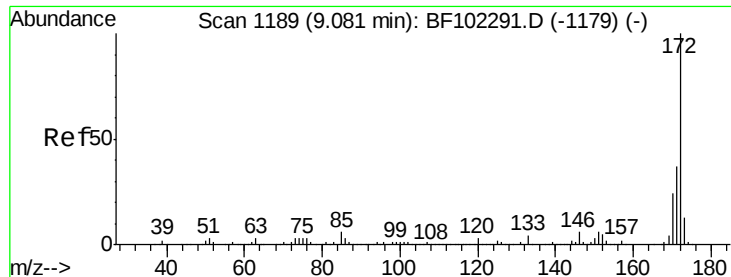
#41
 2,4,6-Tribromophenol
 Concen: 77.091 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

Tgt Ion:330 Resp: 181186
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 40.5 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

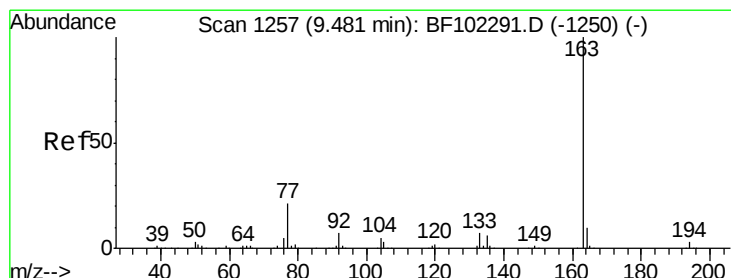
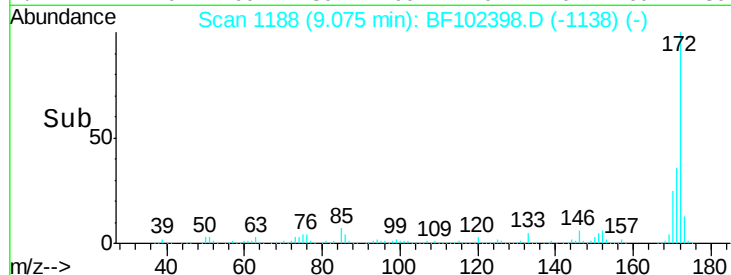
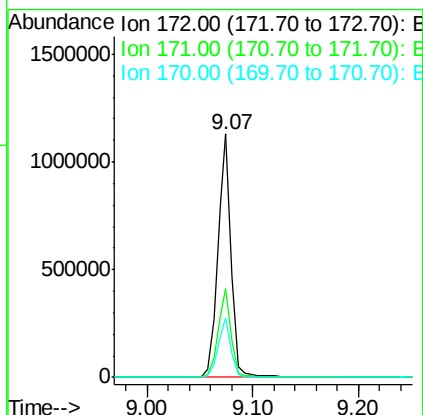
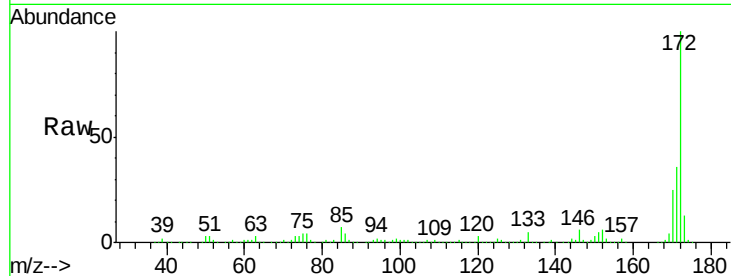




#44
2-Fluorobiphenyl
Concen: 62.308 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

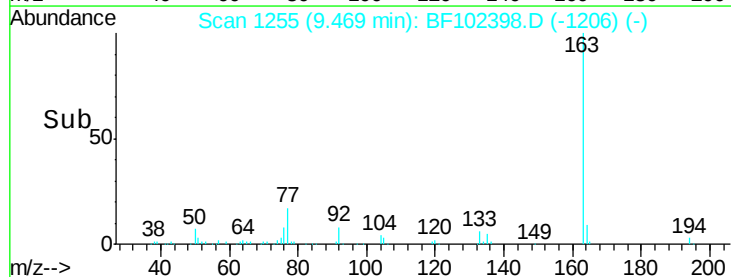
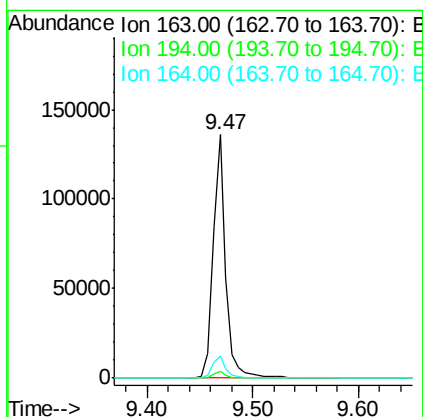
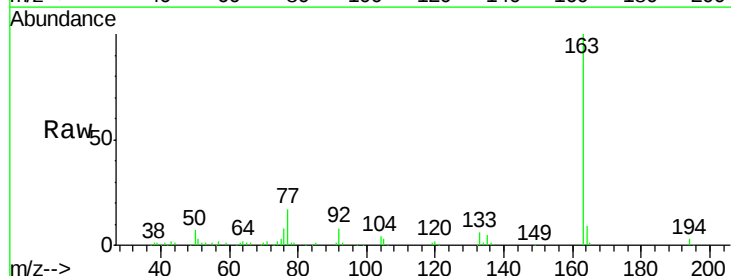
Instrument :
BNA_F
ClientSampled :
AB-5(0-2)

Tgt Ion:172 Resp: 1005159
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 5.808 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:163 Resp: 113867
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.3 8.2 12.2

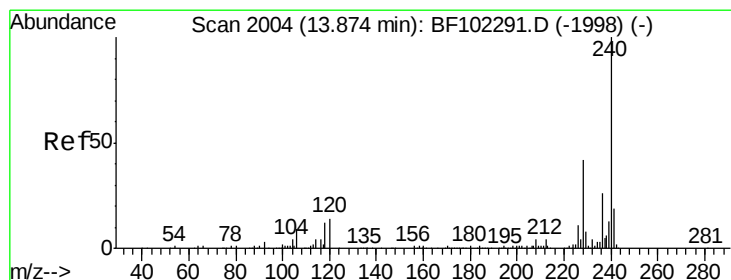
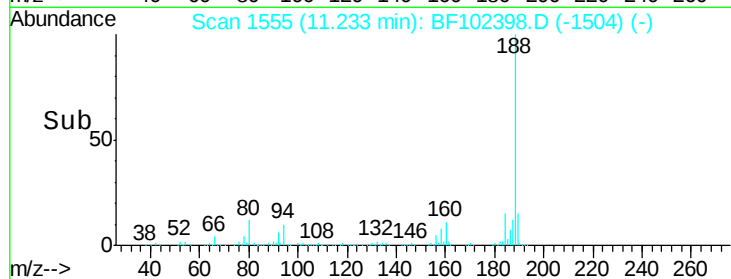
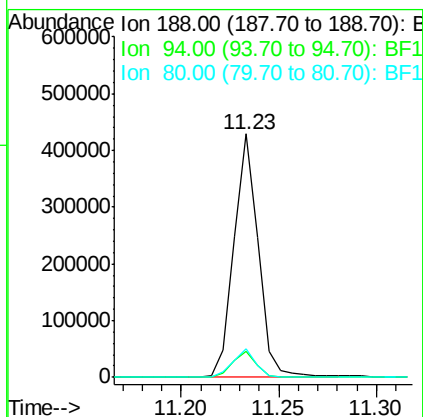
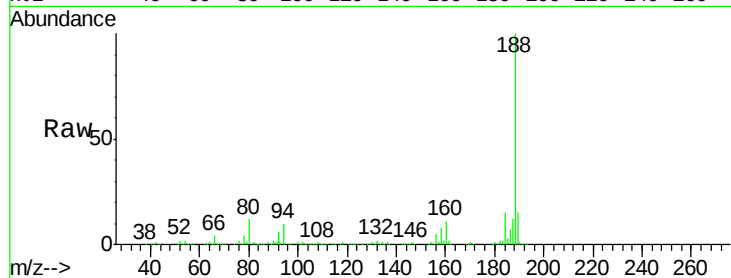




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

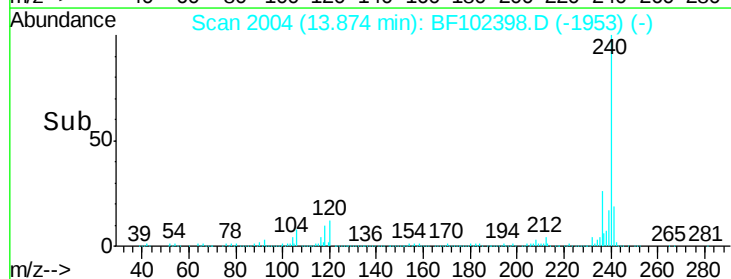
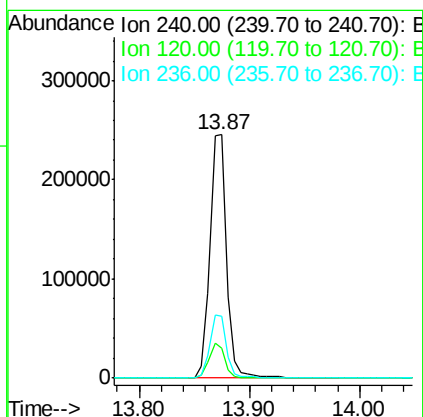
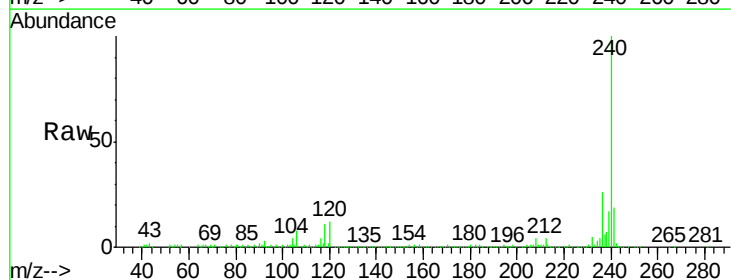
Instrument :
BNA_F
ClientSampled :
AB-5(0-2)

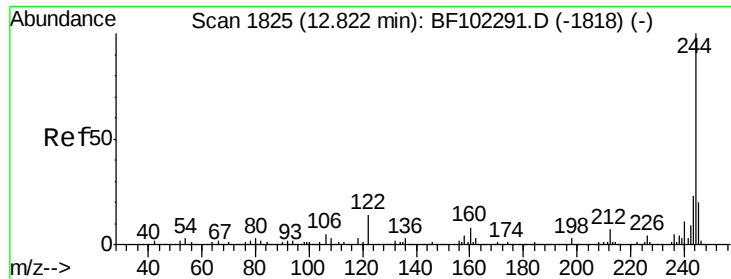
Tgt Ion:188 Resp: 372396
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:240 Resp: 251368
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 57.346 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

Instrument :

BNA_F

ClientSampleId :

AB-5(0-2)

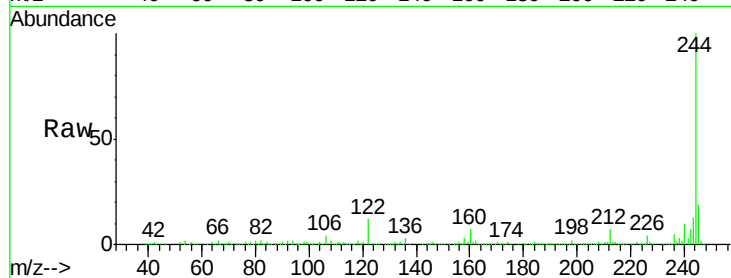
Tgt Ion:244 Resp: 639431

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

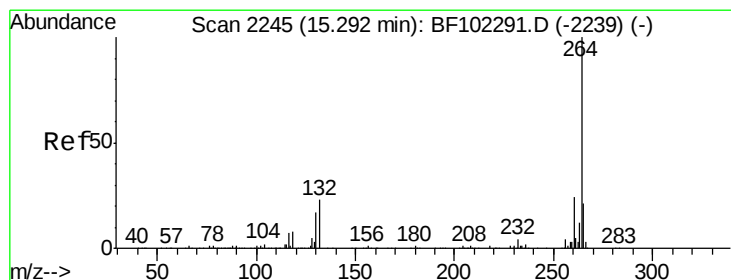
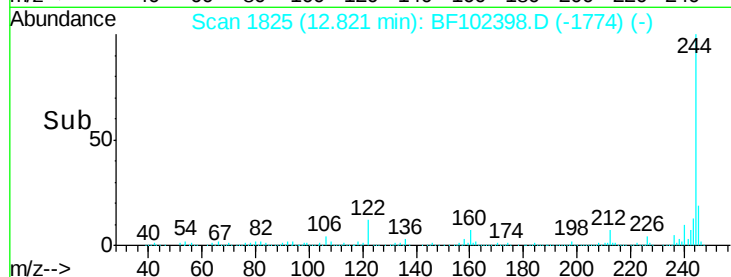
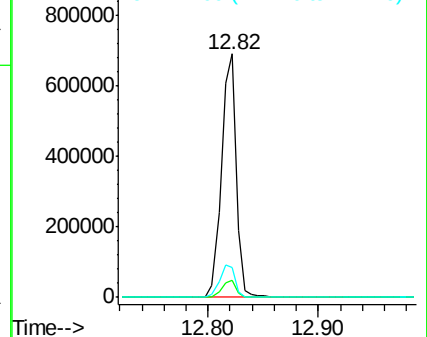
122 12.4 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

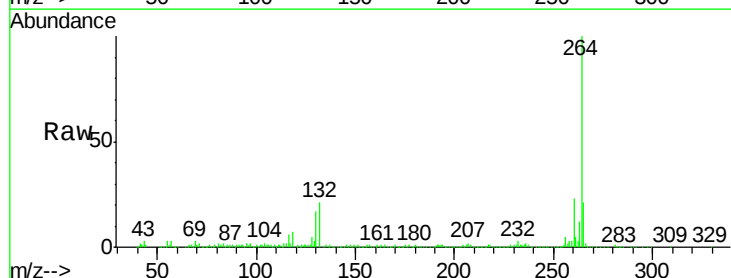
Tgt Ion:264 Resp: 242774

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 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

