

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102318.D
 Acq On : 22 Jan 2018 23:51
 Operator : SJ/JU
 Sample : J1238-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0

Quant Time: Jan 23 05:38:33 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

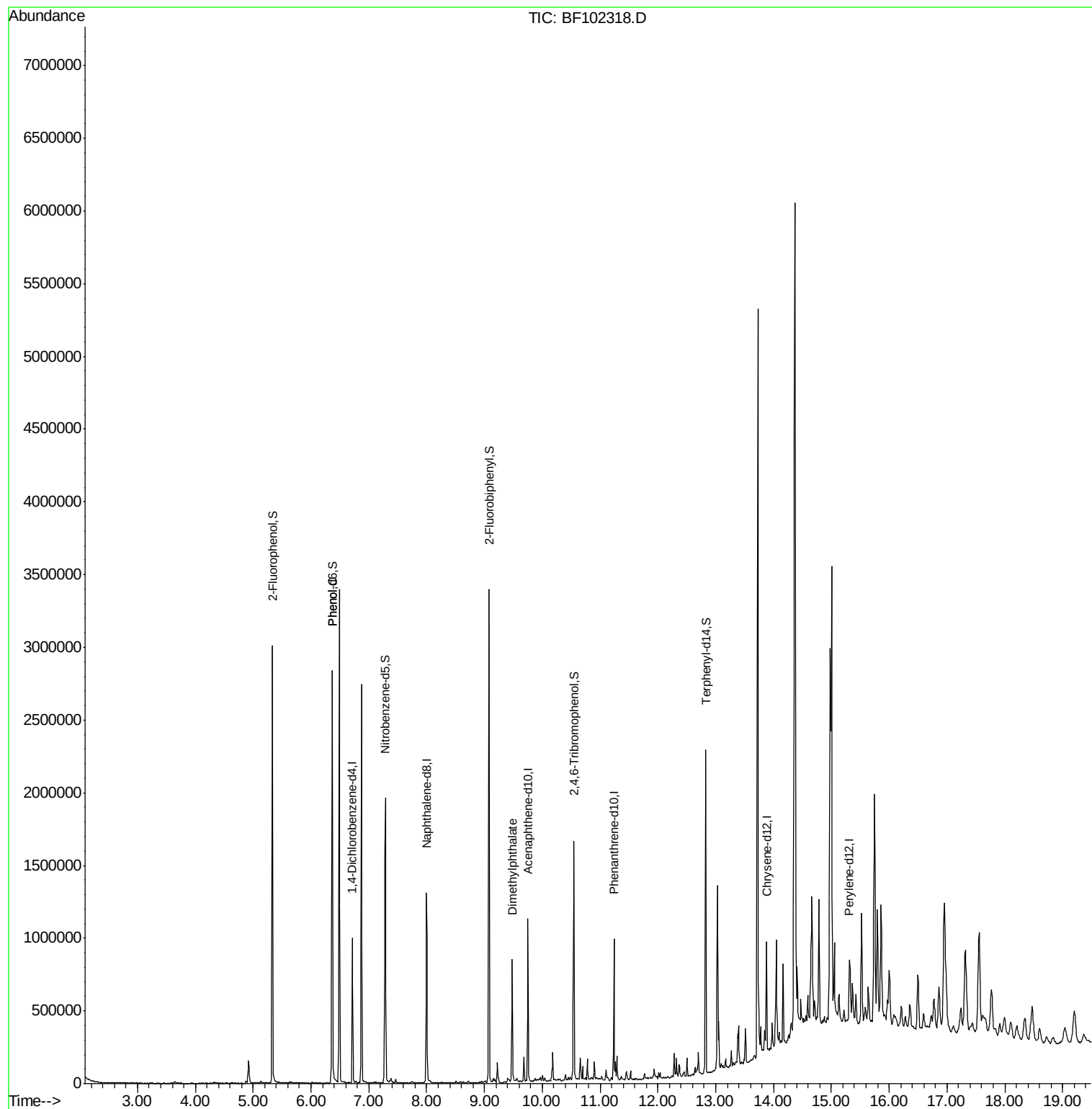
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144262	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	580734	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	229377	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	317541	20.00	ng	0.00
75) Chrysene-d12	13.88	240	250578	20.00	ng	0.00
86) Perylene-d12	15.31	264	162059	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	897480	94.33	ng	0.01
7) Phenol-d6	6.37	99	1078266	94.00	ng	0.01
23) Nitrobenzene-d5	7.29	82	650987	64.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	179007	78.76	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1106258	70.91	ng	0.00
78) Terphenyl-d14	12.83	244	742894	66.84	ng	0.00
Target Compounds						
10) Phenol	6.37	94	44795	3.577	ng	# 71
49) Dimethylphthalate	9.47	163	128744	6.790	ng	# 59

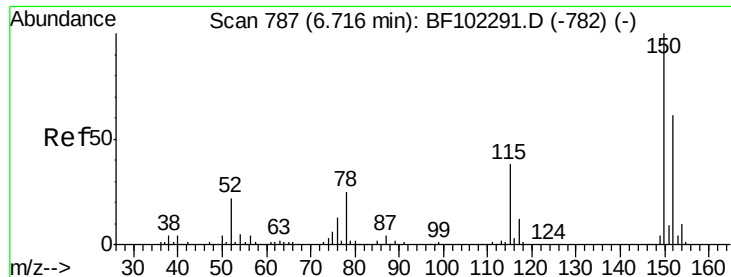
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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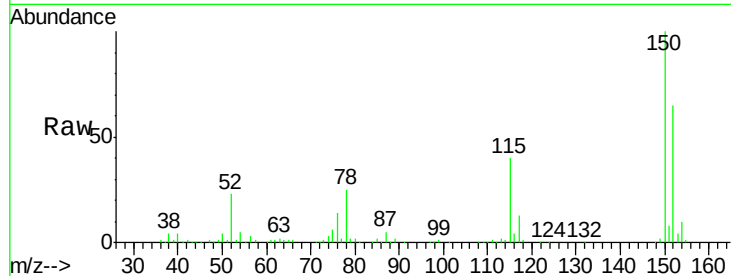


#1

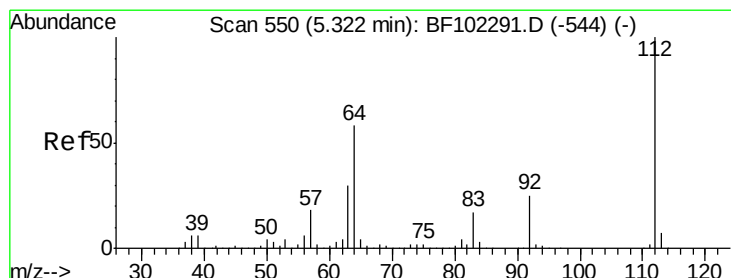
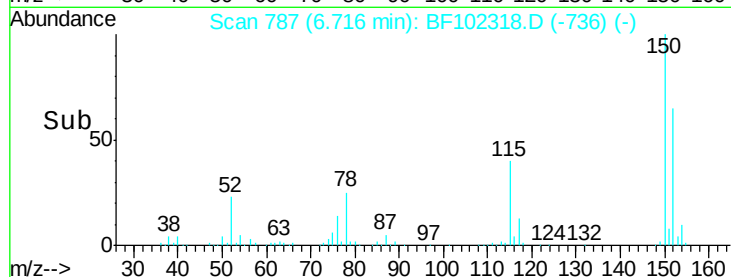
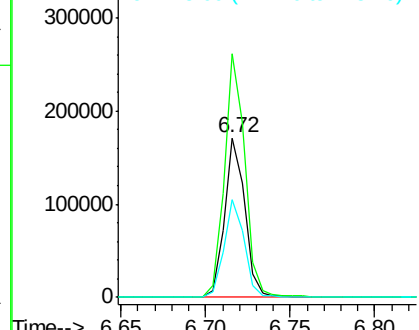
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0

Tot Ion:152 Resp: 144262
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 61.8 50.1 75.1



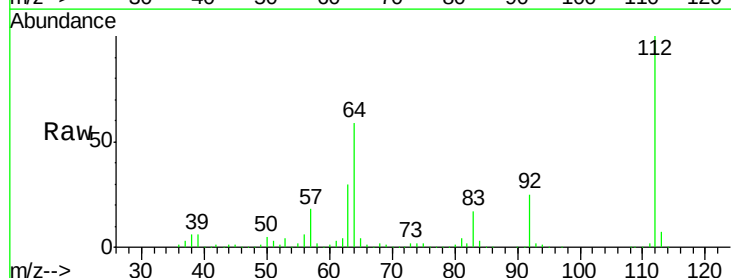
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



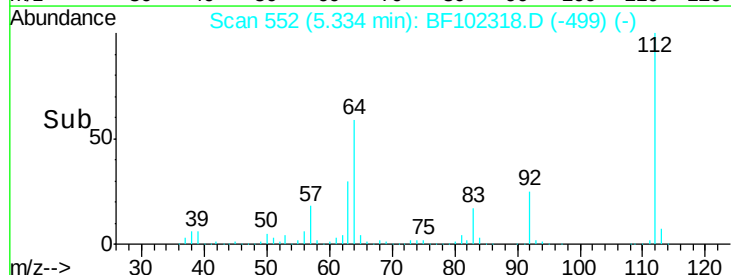
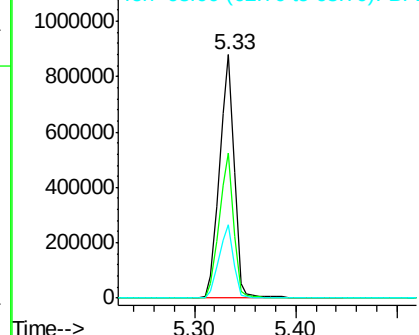
#5

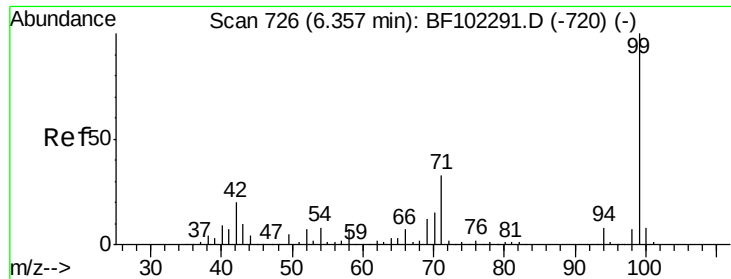
2-Fluorophenol
Concen: 94.329 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

Tgt Ion:112 Resp: 897480
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.3 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: 94.004 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0

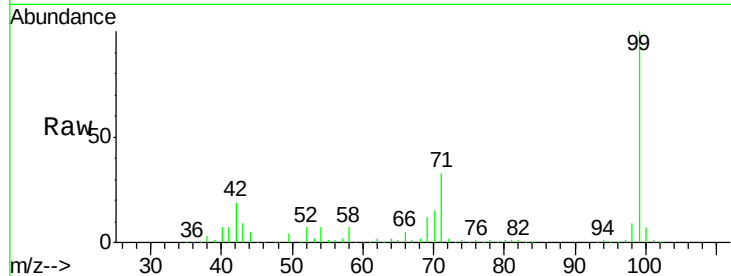
Tot Ion: 99 Resp: 1078266

Ion Ratio Lower Upper

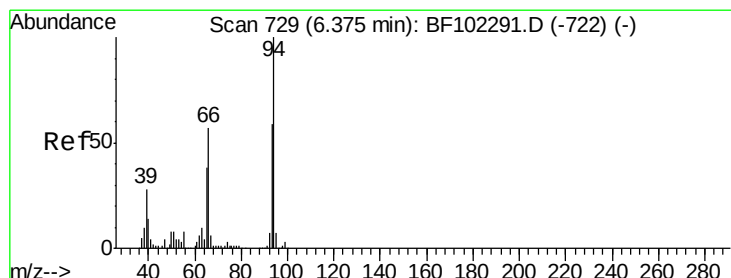
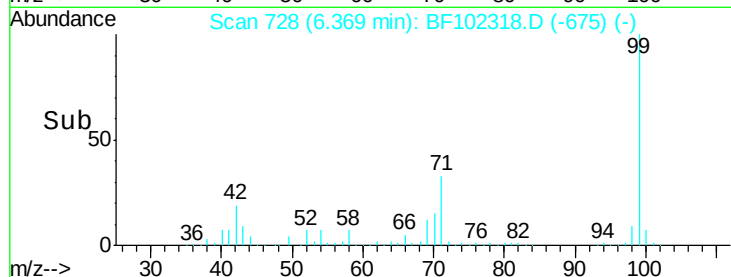
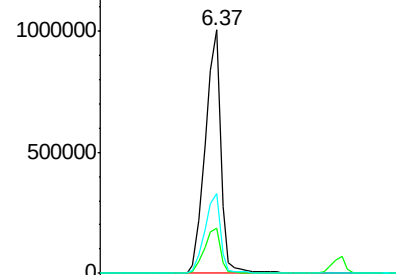
99 100

42 18.7 14.5 21.7

71 32.7 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: 3.577 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

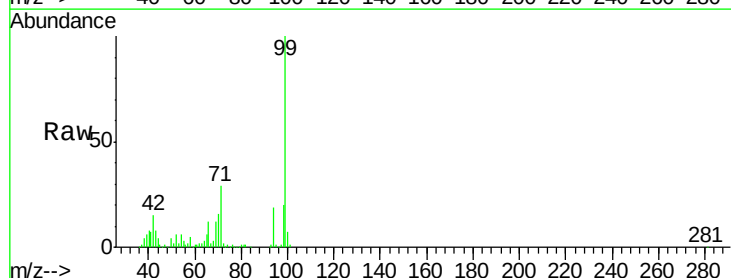
Tgt Ion: 94 Resp: 44795

Ion Ratio Lower Upper

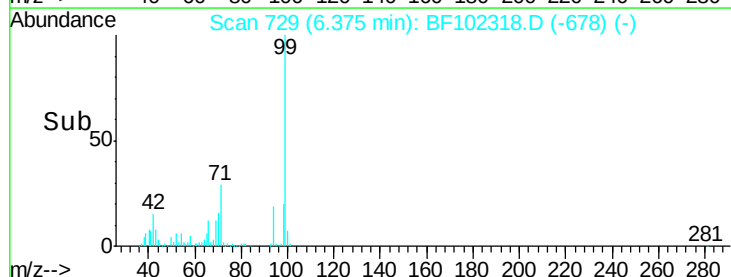
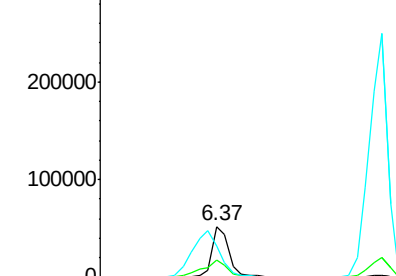
94 100

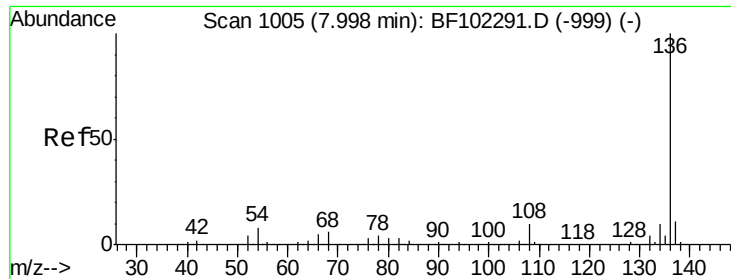
65 32.9 7.9 47.9

66 61.9 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

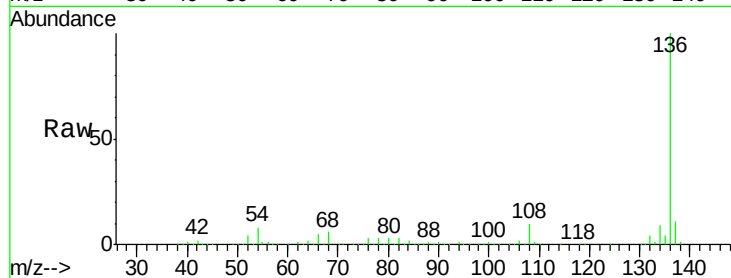




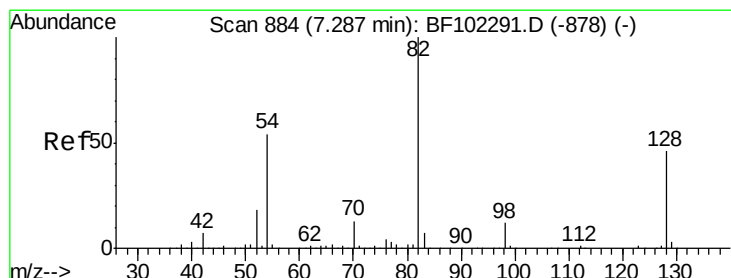
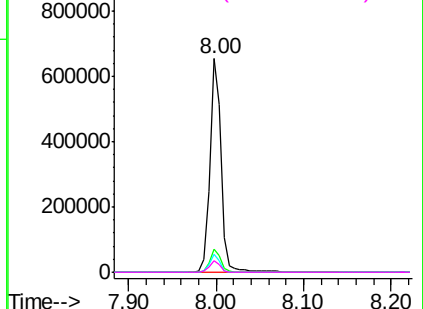
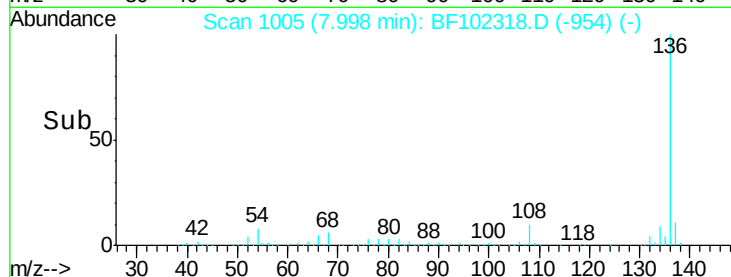
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0

Tot Ion:136	Resp:	580734
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.3	6.6 9.8
68	5.6	5.0 7.4

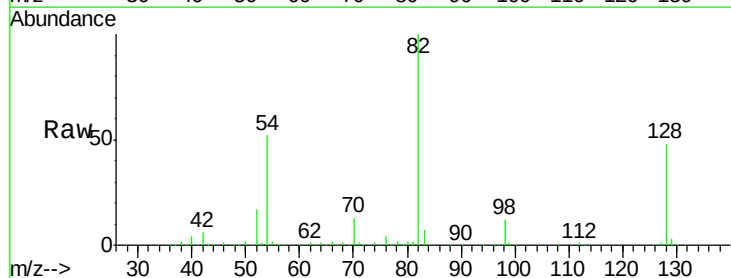


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

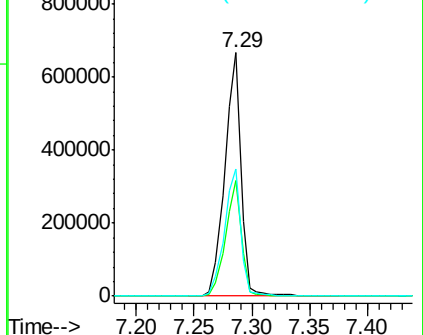
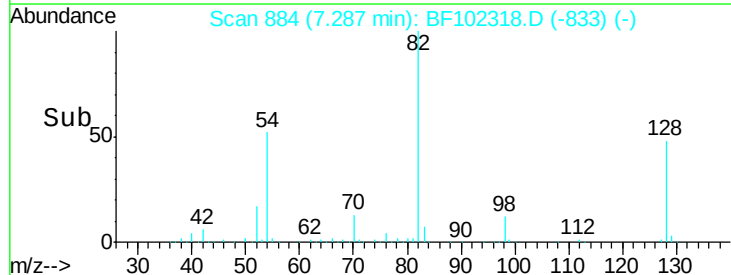


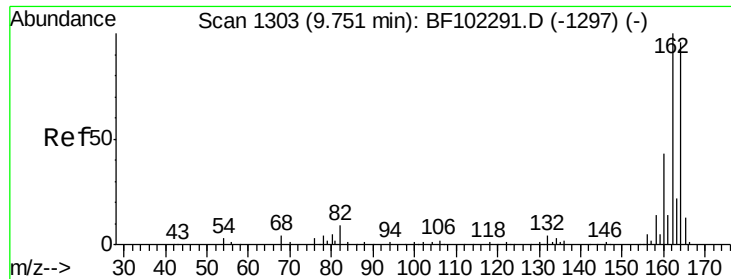
#23
Nitrobenzene-d5
Concen: 64.419 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

Tgt Ion: 82	Resp:	650987
Ion	Ratio	Lower Upper
82	100	
128	47.6	36.1 54.1
54	52.3	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

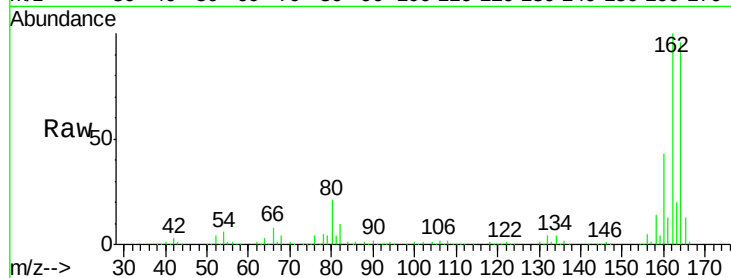




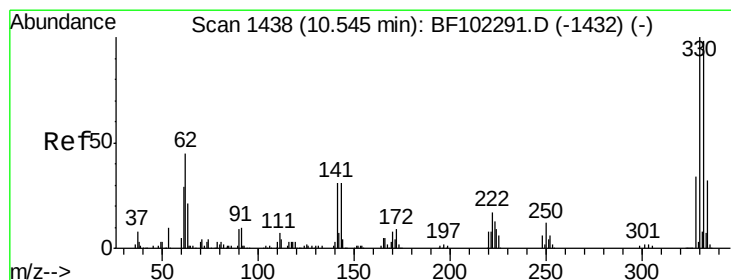
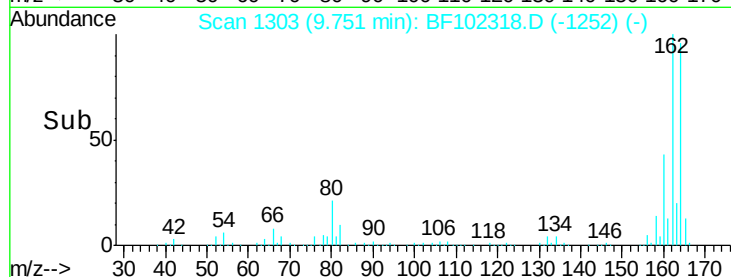
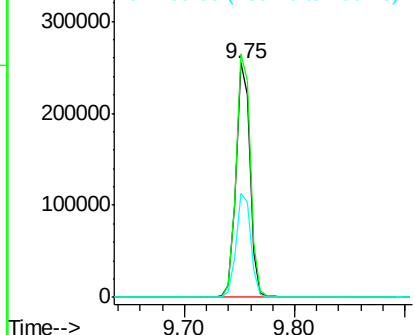
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102318.D
 Acq: 22 Jan 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-6.5-7.0

Tot Ion:164 Resp: 229377
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.6 38.3 57.5

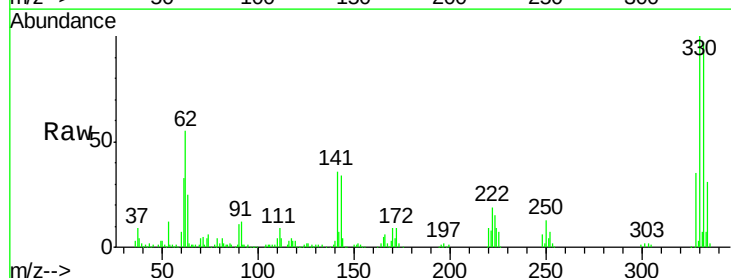


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

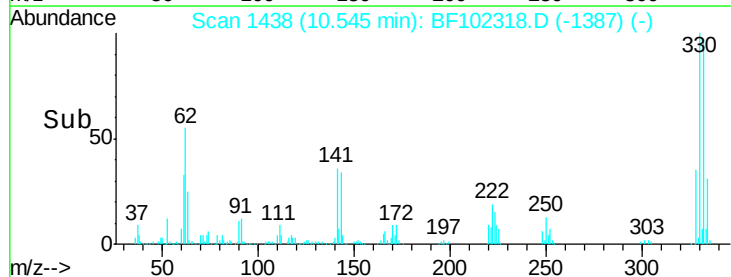
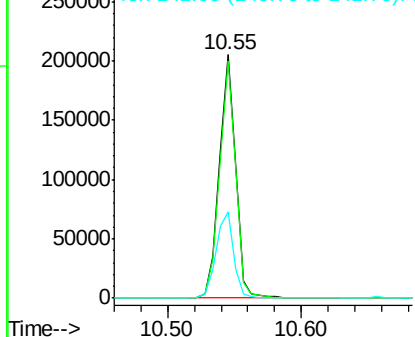


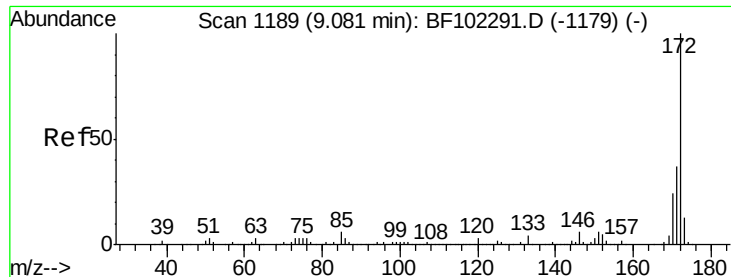
#41
 2,4,6-Tribromophenol
 Concen: 78.761 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102318.D
 Acq: 22 Jan 2018 23:51

Tgt Ion:330 Resp: 179007
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.2 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

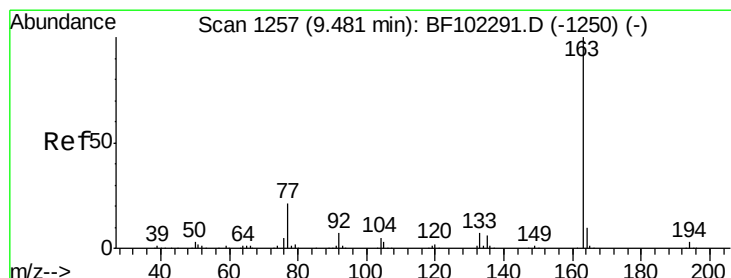
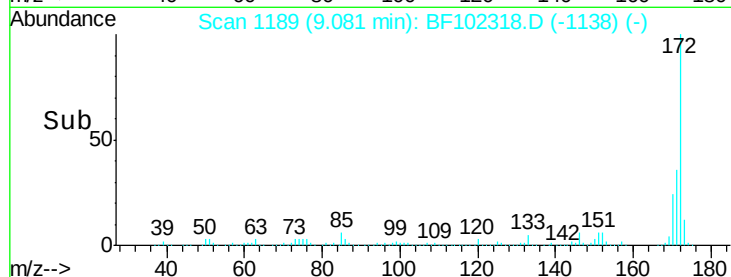
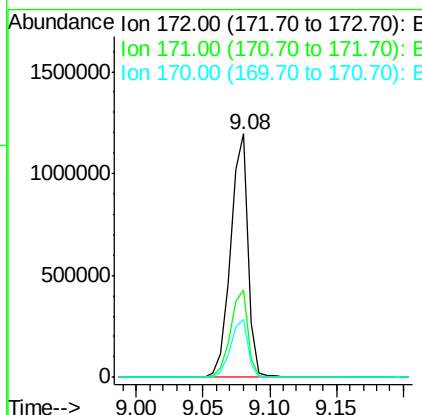
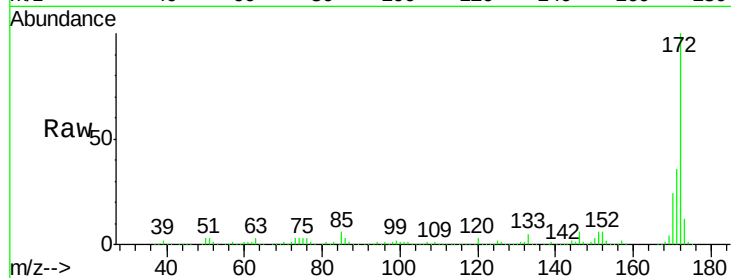




#44
2-Fluorobiphenyl
Concen: 70.913 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

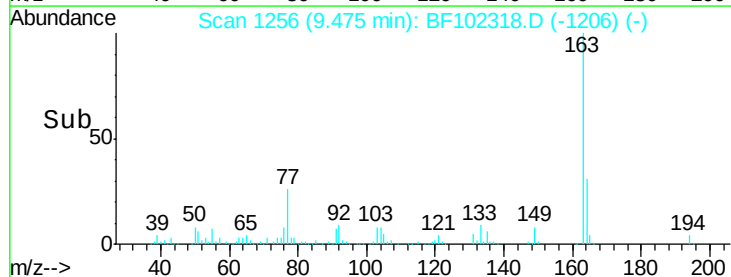
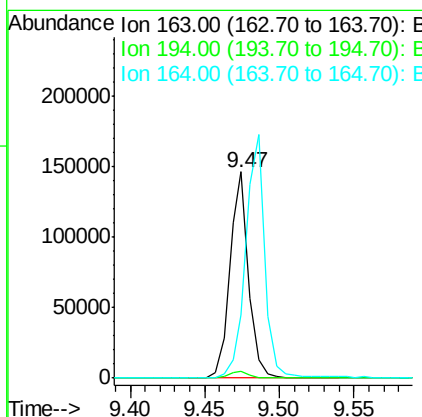
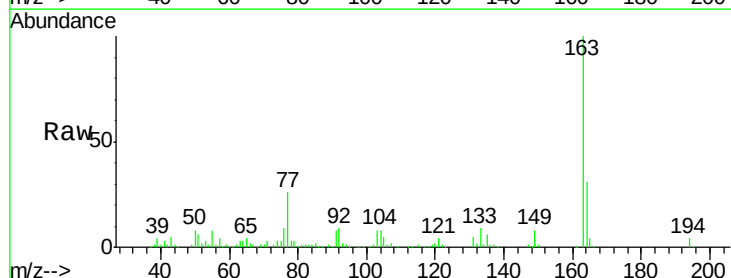
Instrument :
BNA_F
ClientSampleId :
SB-02-6.5-7.0

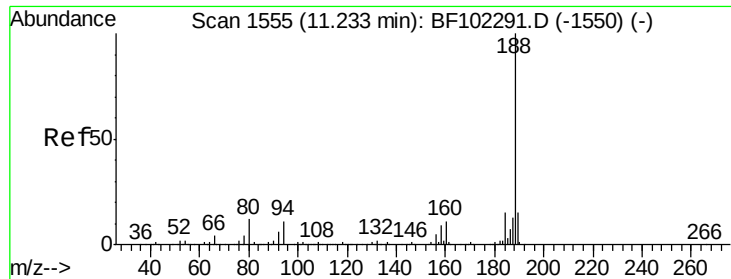
Tot Ion:172 Resp: 1106258
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 6.790 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102318.D
Acq: 22 Jan 2018 23:51

Tgt Ion:163 Resp: 128744
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 30.7 8.2 12.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0

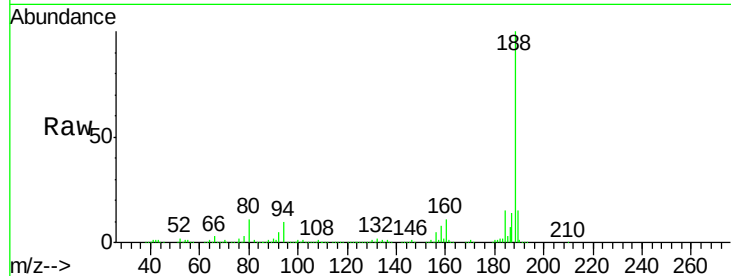
Tot Ion:188 Resp: 317541

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

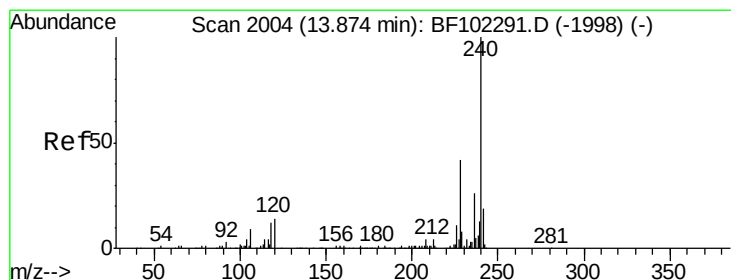
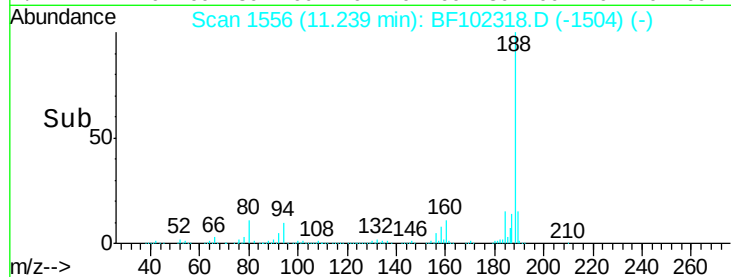
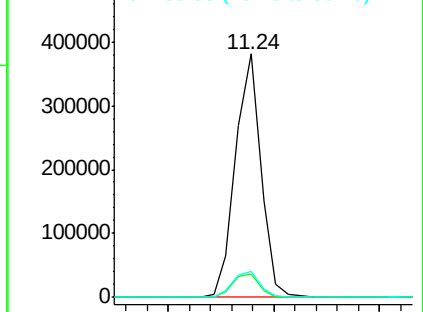
80 10.9 9.2 13.8



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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

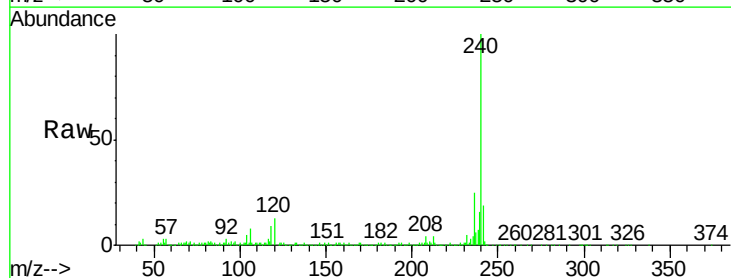
Tgt Ion:240 Resp: 250578

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

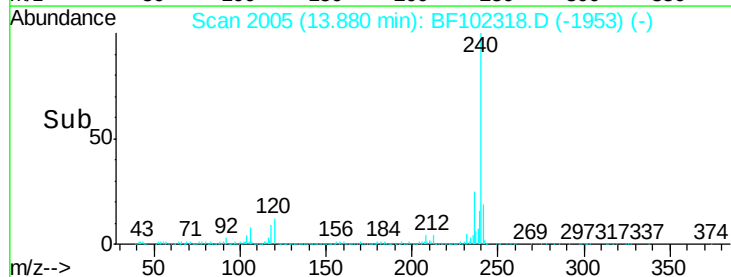
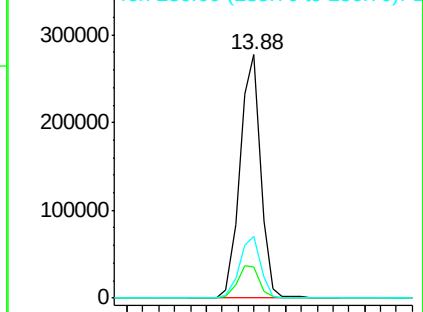
236 25.2 20.7 31.1

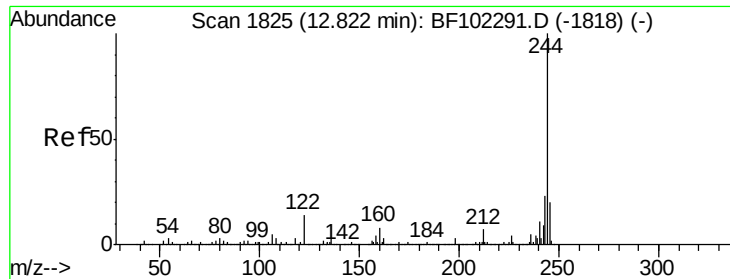


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.835 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-02-6.5-7.0

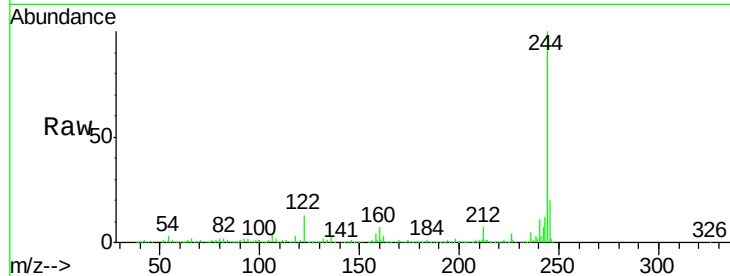
Tot Ion:244 Resp: 742894

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

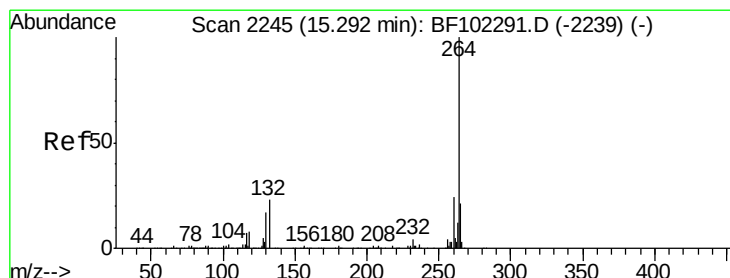
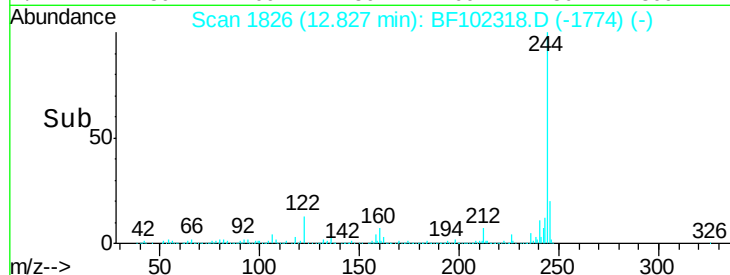
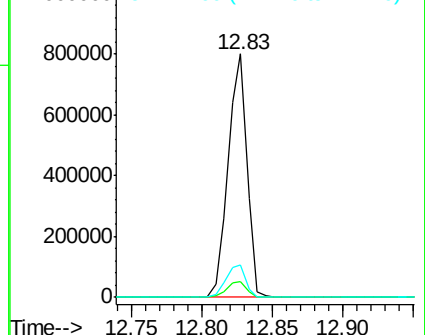
122 13.1 11.0 16.4



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: 15.31 min Scan# 2248

Delta R.T. 0.02 min

Lab File: BF102318.D

Acq: 22 Jan 2018 23:51

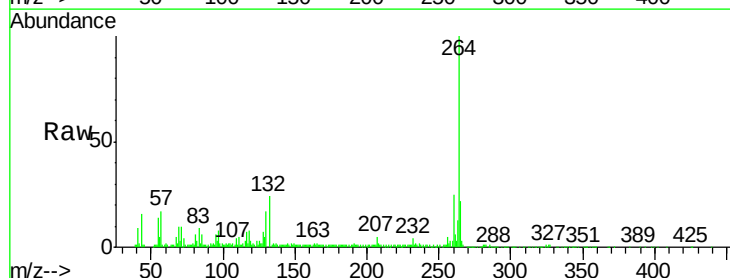
Tgt Ion:264 Resp: 162059

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 22.3 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

