

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104462.D
 Acq On : 12 Apr 2018 20:16
 Operator : JU/SJ
 Sample : J2310-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S004-0001-01

Quant Time: Apr 13 01:12:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

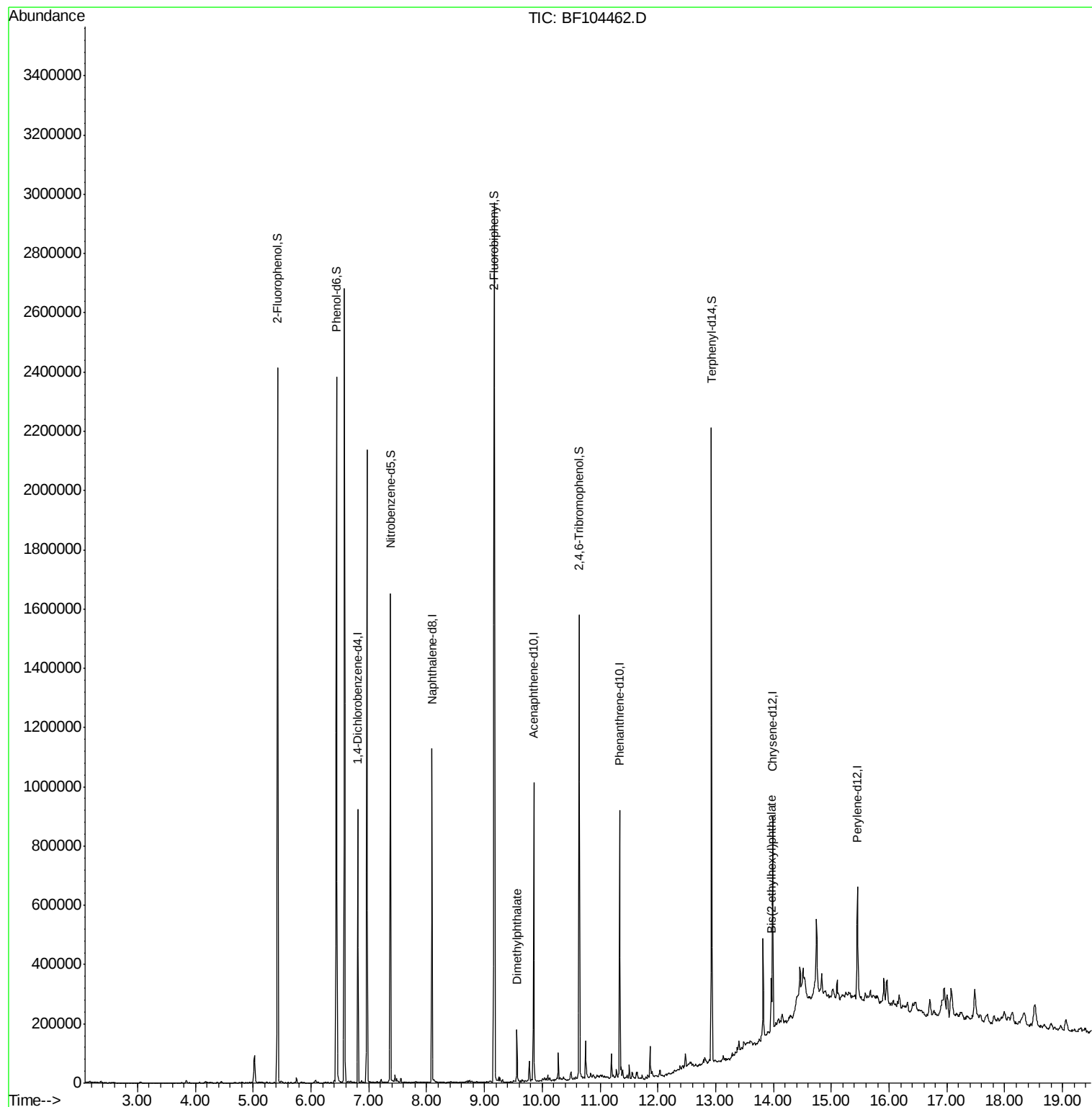
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120206	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453122	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	179710	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	283248	20.00	ng	0.00
75) Chrysene-d12	13.99	240	235365	20.00	ng	0.00
86) Perylene-d12	15.45	264	171297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	721732	91.81	ng	0.00
7) Phenol-d6	6.45	99	889803	92.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	521375	75.13	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	180429	96.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	929725	81.73	ng	0.00
78) Terphenyl-d14	12.93	244	757045	73.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	61081	4.310	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	45063	4.263	ng	98

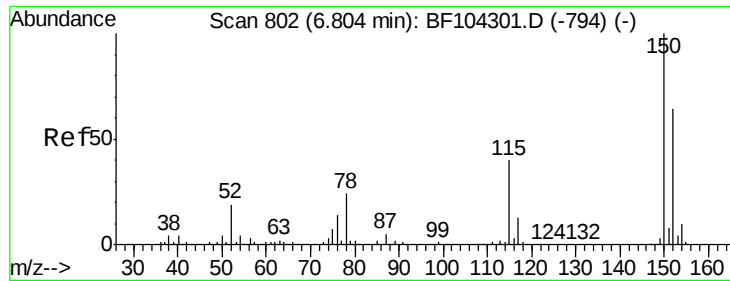
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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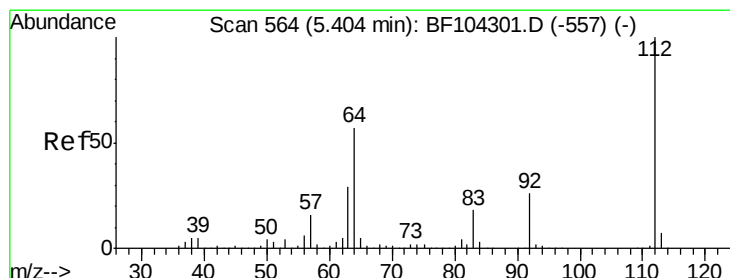
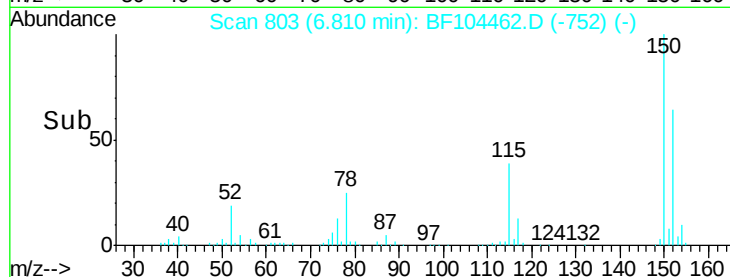
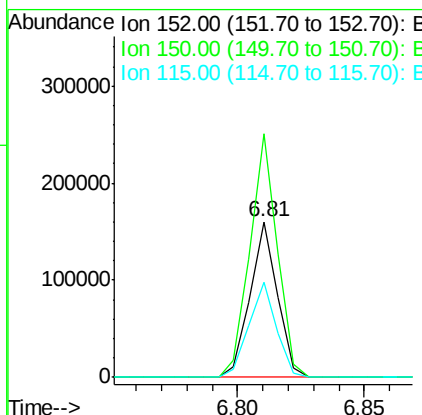
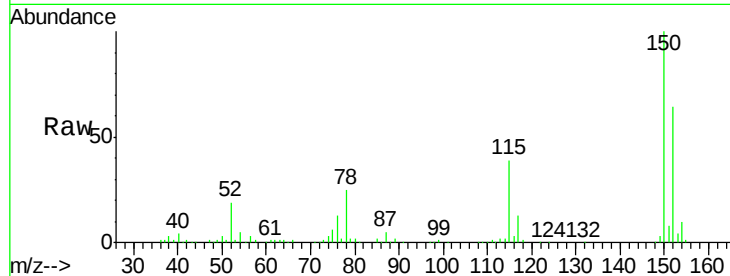


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104462.D
Acq: 12 Apr 2018 20:16

Instrument :
BNA_F
ClientSampleId :
P004-S004-0001-01

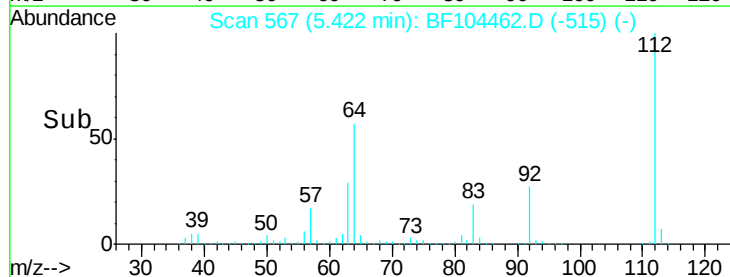
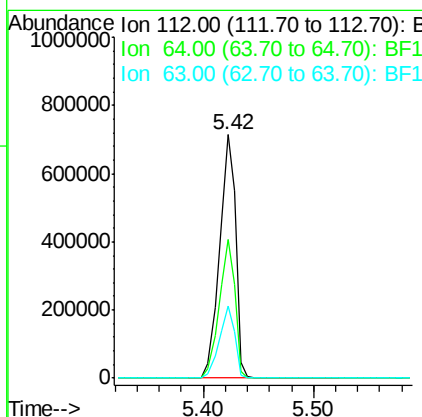
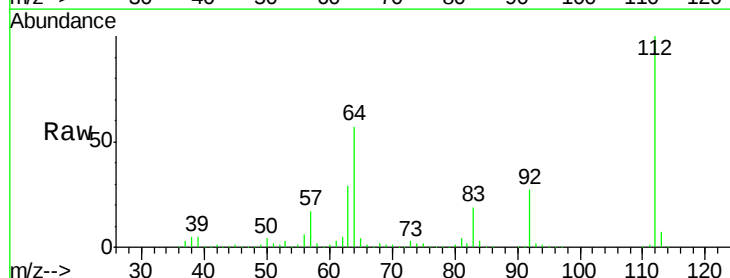
Tot Ion:152 Resp: 120206
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.5 50.1 75.1



#5

2-Fluorophenol
Concen: 91.806 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104462.D
Acq: 12 Apr 2018 20:16

Tgt Ion:112 Resp: 721732
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 92.120 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

Instrument :

BNA_F

ClientSampleId :

P004-S004-0001-01

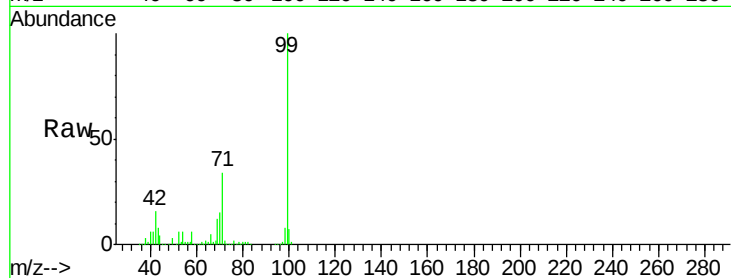
Tot Ion: 99 Resp: 889803

Ion Ratio Lower Upper

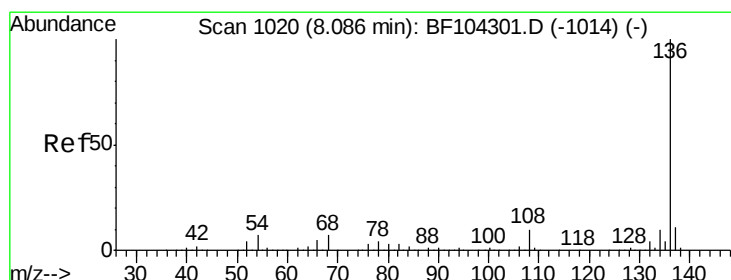
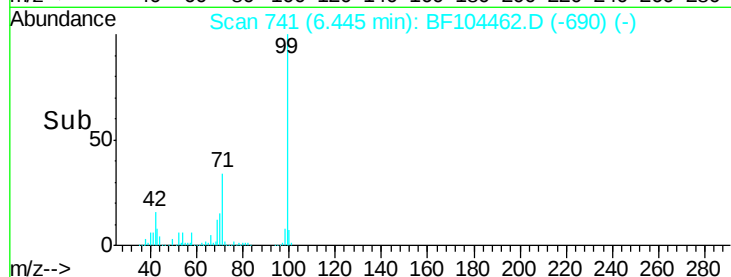
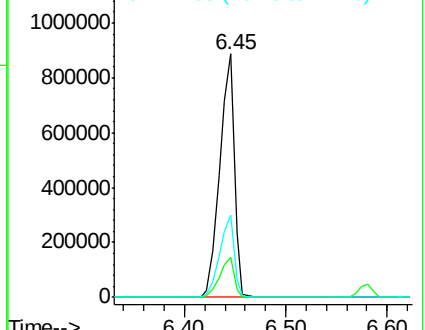
99 100

42 16.2 14.5 21.7

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

Tgt Ion: 136 Resp: 453122

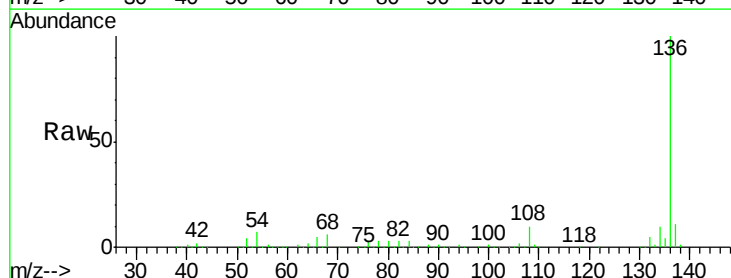
Ion Ratio Lower Upper

136 100

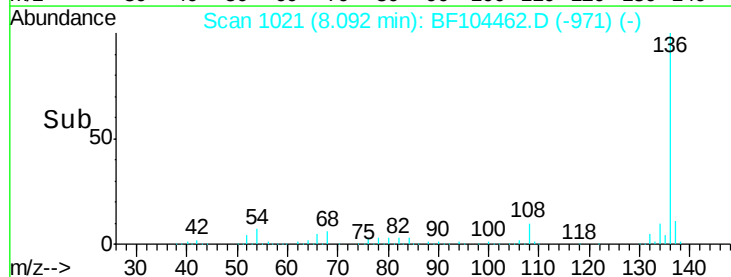
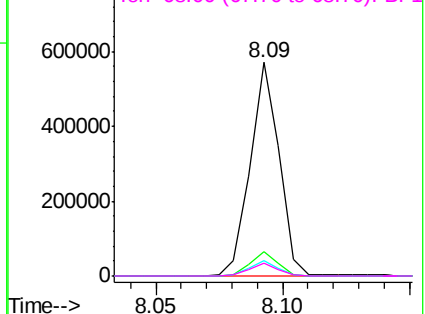
137 11.4 8.9 13.3

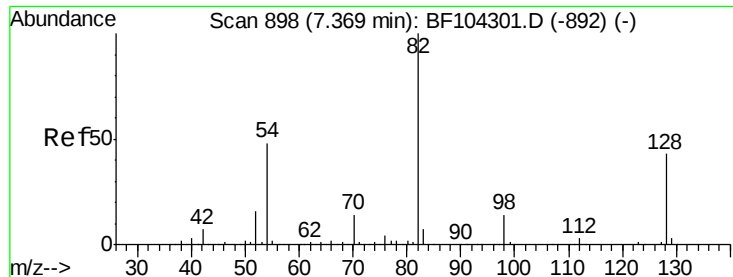
54 7.1 6.6 9.8

68 6.1 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

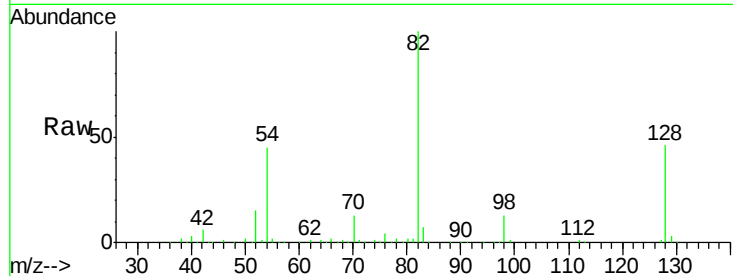




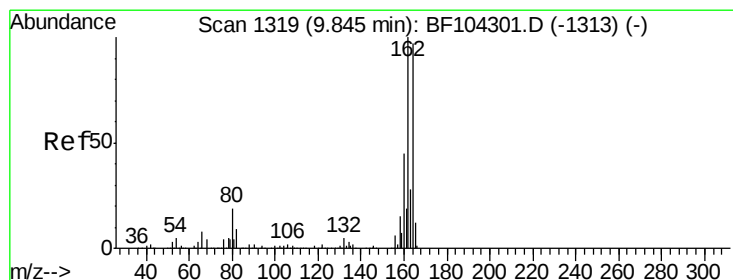
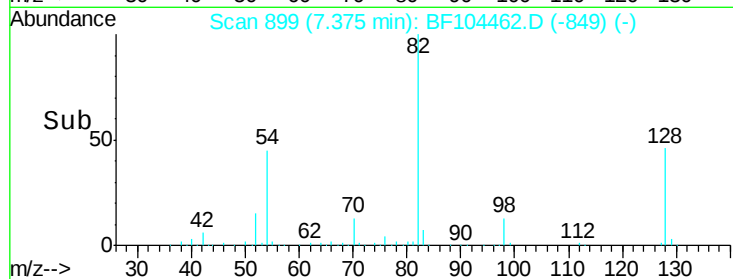
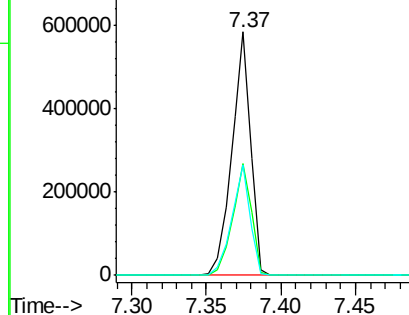
#23
 Nitrobenzene-d5
 Concen: 75.134 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104462.D
 Acq: 12 Apr 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 P004-S004-0001-01

Tot Ion: 82 Resp: 521375
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 45.3 41.4 62.2

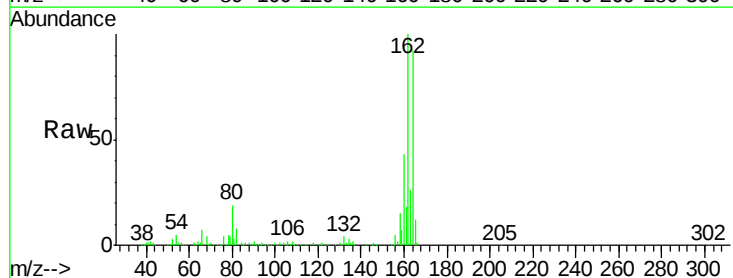


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

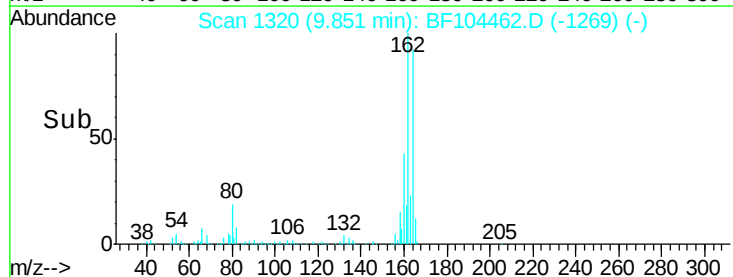
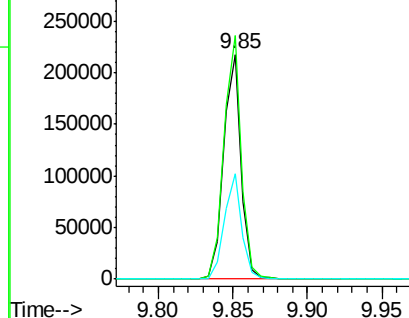


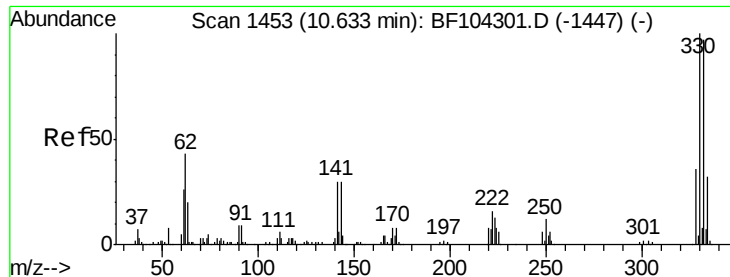
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104462.D
 Acq: 12 Apr 2018 20:16

Tgt Ion: 164 Resp: 179710
 Ion Ratio Lower Upper
 164 100
 162 108.3 86.1 129.1
 160 46.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

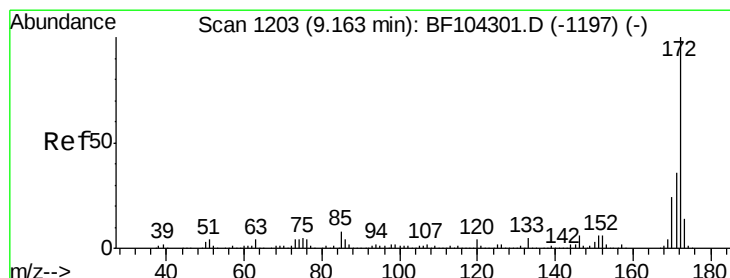
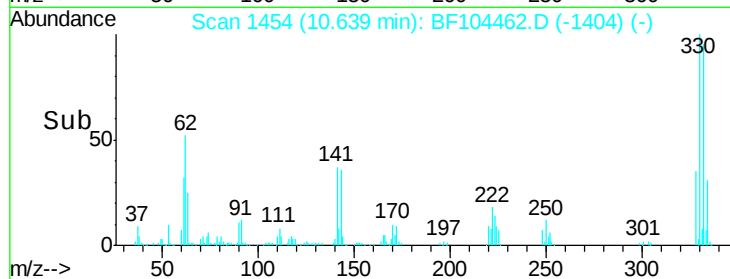
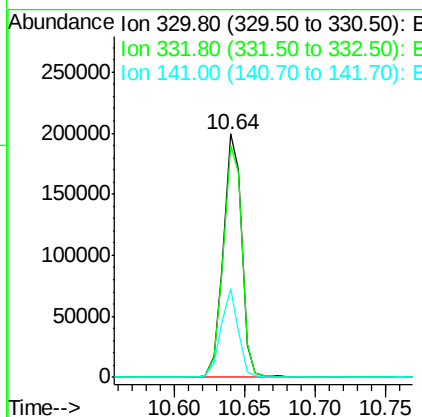
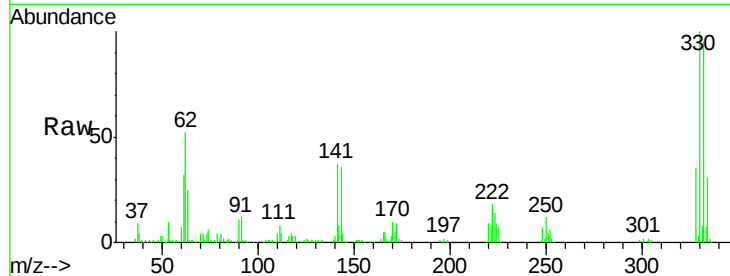




#41
 2,4,6-Tribromophenol
 Concen: 96.787 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104462.D
 Acq: 12 Apr 2018 20:16

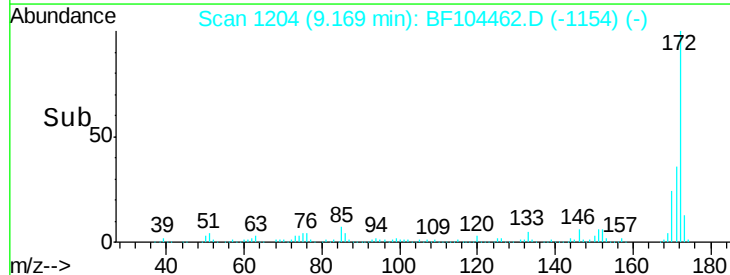
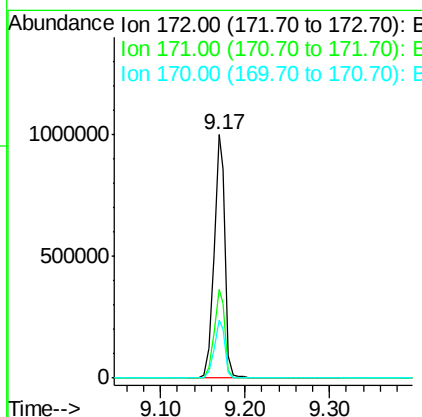
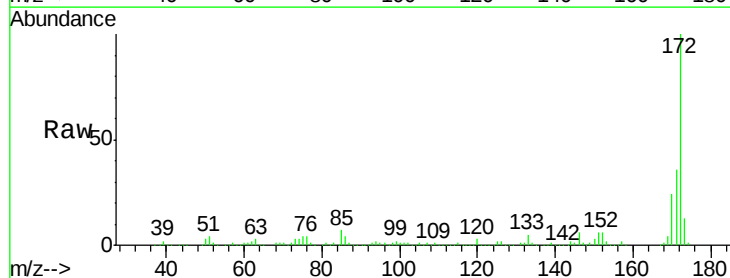
Instrument :
 BNA_F
 ClientSampleId :
 P004-S004-0001-01

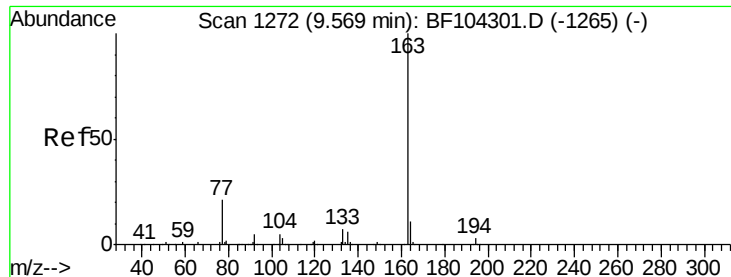
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.728 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104462.D
 Acq: 12 Apr 2018 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

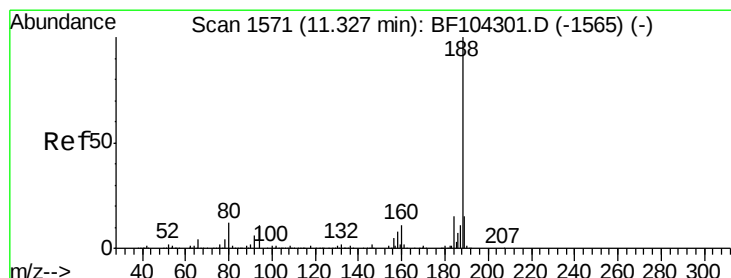
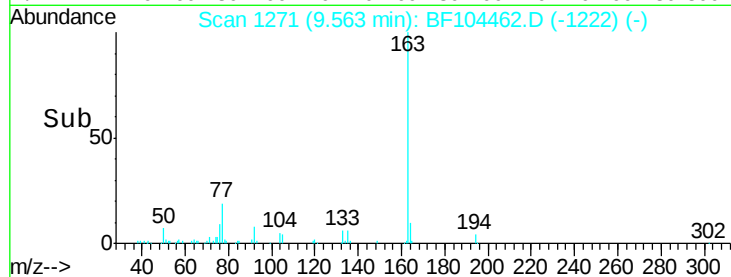
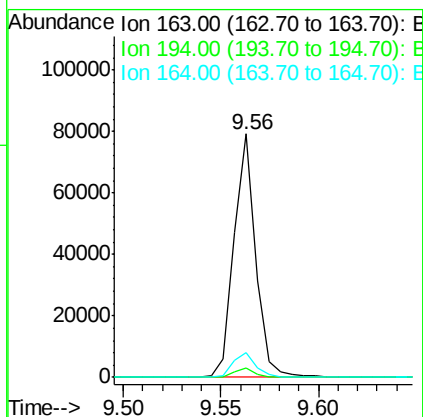
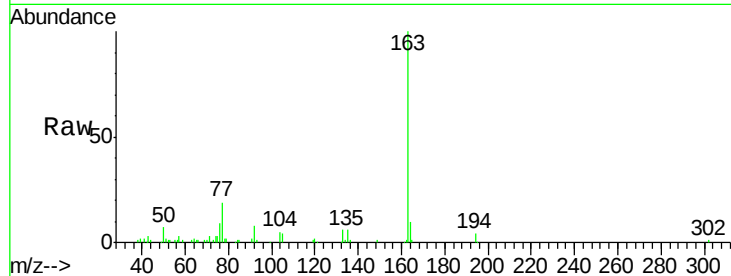




#49
Dimethylphthalate
Concen: 4.310 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104462.D
Acq: 12 Apr 2018 20:16

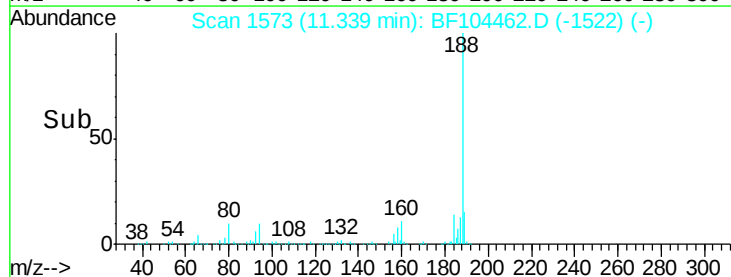
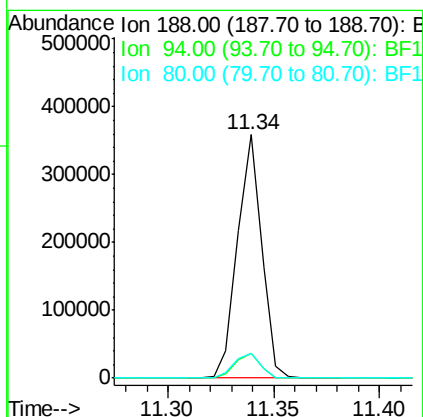
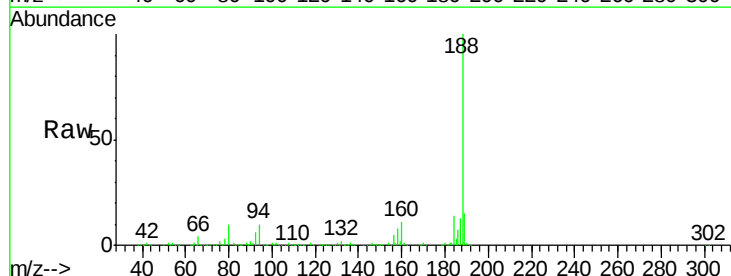
Instrument :
BNA_F
ClientSampleId :
P004-S004-0001-01

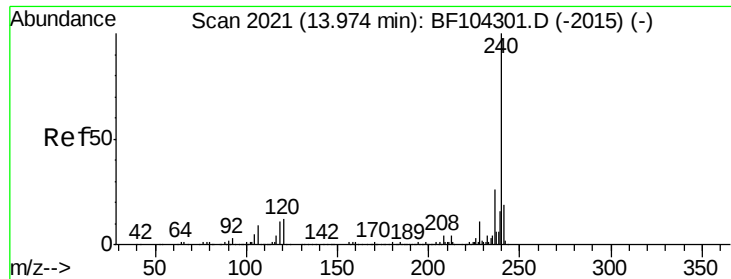
Tot Ion:163 Resp: 61081
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104462.D
Acq: 12 Apr 2018 20:16

Tgt Ion:188 Resp: 283248
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.4 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

Instrument :

BNA_F

ClientSampleId :

P004-S004-0001-01

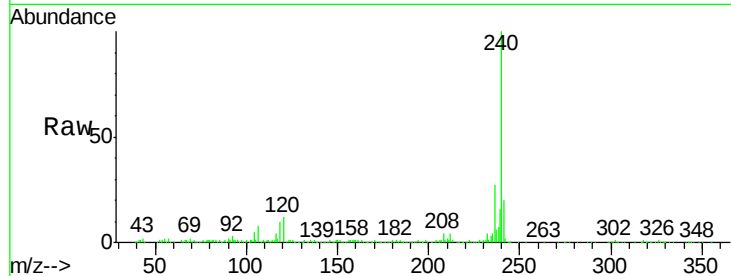
Tot Ion:240 Resp: 235365

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

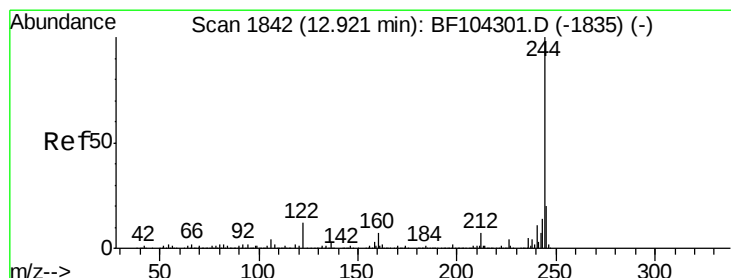
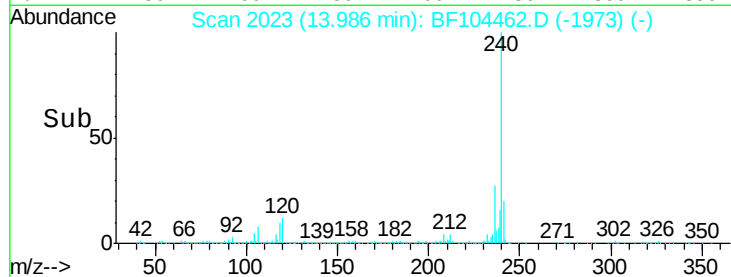
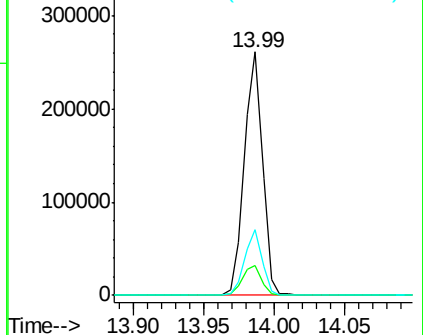
236 26.8 20.7 31.1



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: 73.330 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

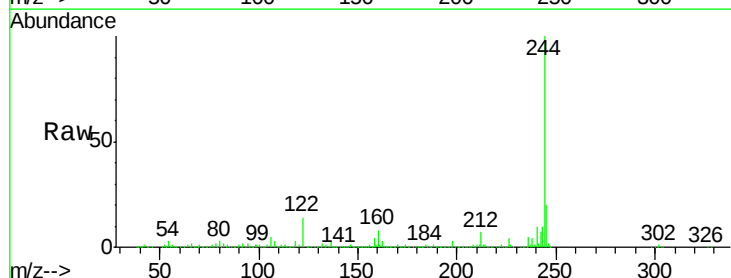
Tgt Ion:244 Resp: 757045

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

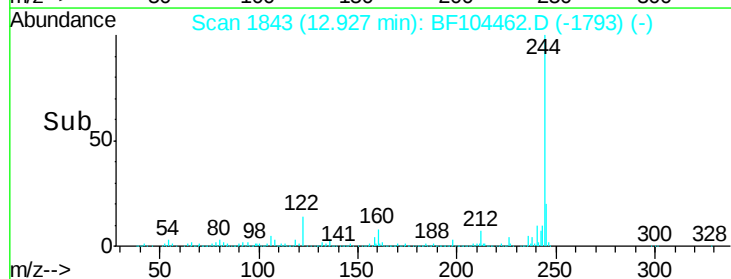
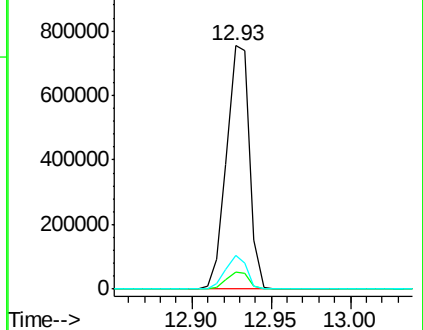
122 14.0 11.0 16.4

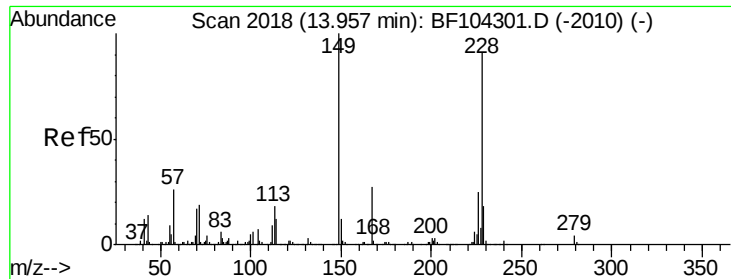


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.263 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

Instrument :

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P004-S004-0001-01

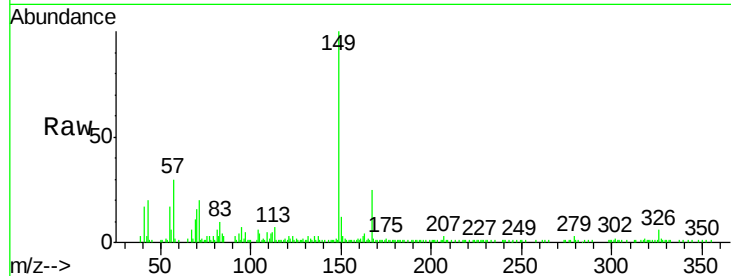
Tot Ion:149 Resp: 45063

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

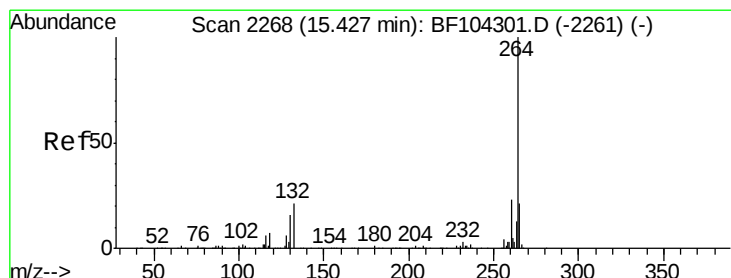
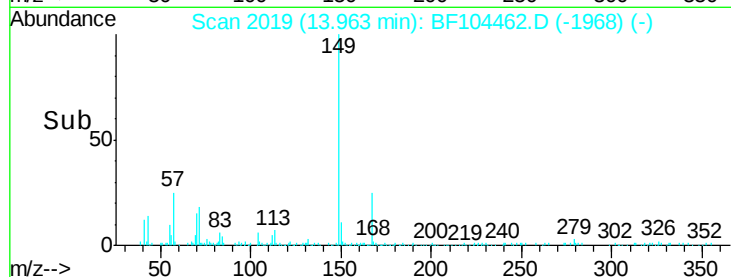
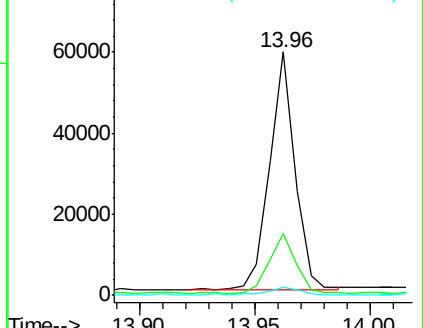
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104462.D

Acq: 12 Apr 2018 20:16

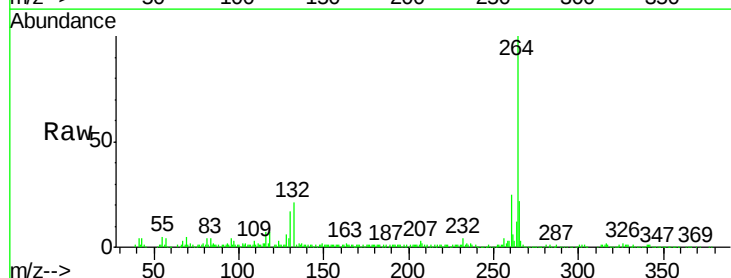
Tgt Ion:264 Resp: 171297

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.1 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

