

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104887.D
 Acq On : 27 Apr 2018 17:57
 Operator : JU/SJ
 Sample : J2522-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

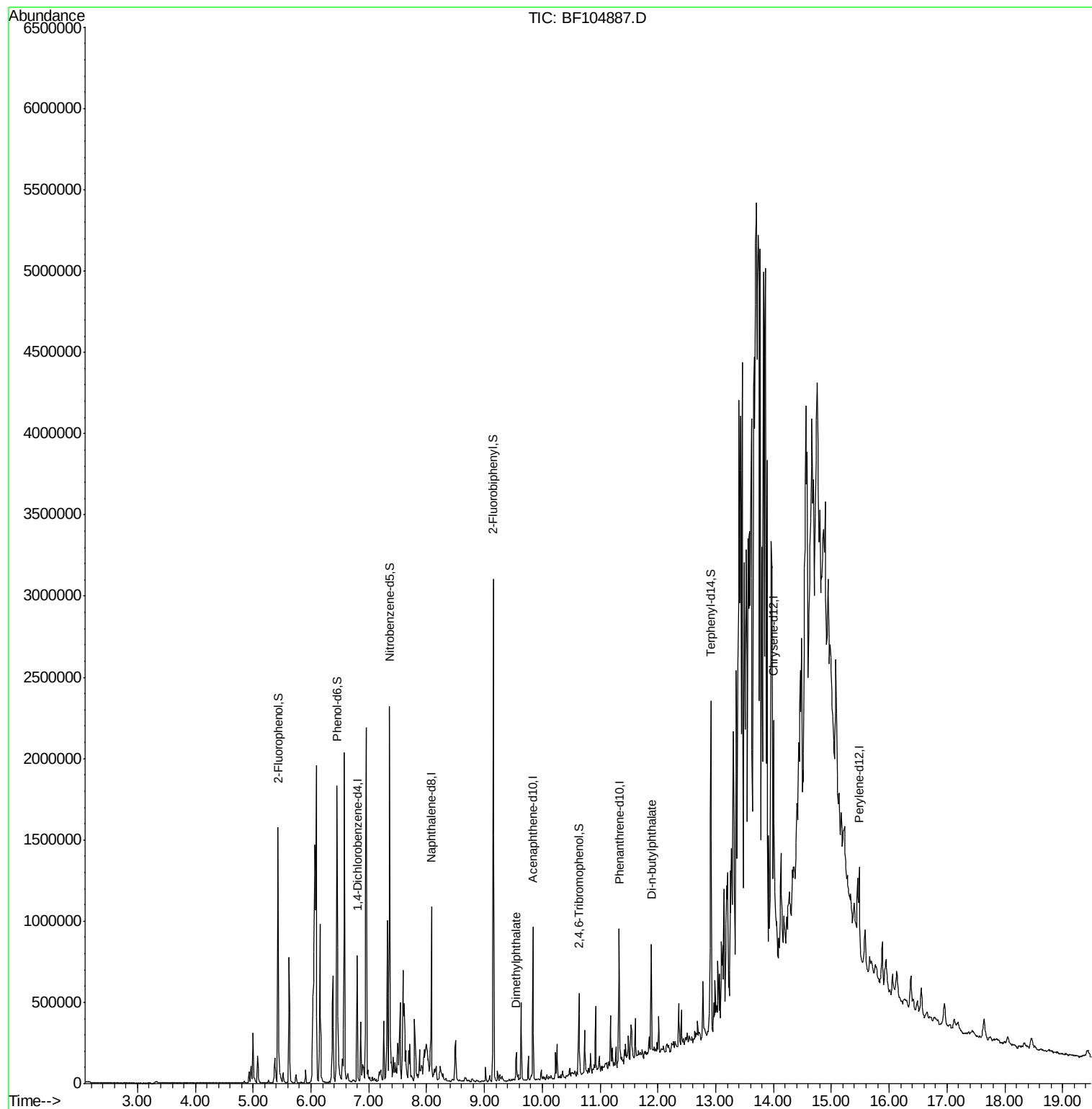
Quant Time: Apr 30 17:47:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

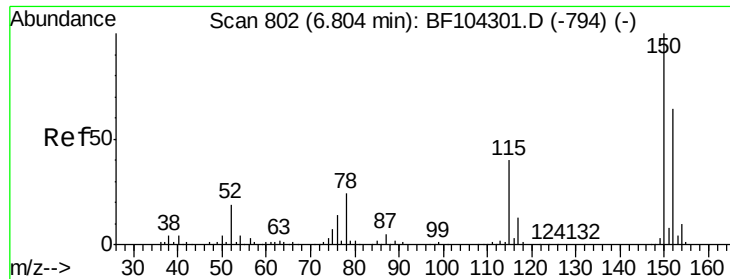
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109240	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436207	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189741	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	287879	20.00	ng	0.00
75) Chrysene-d12	14.00	240	206442	20.00	ng	0.02
86) Perylene-d12	15.48	264	219791	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	537057	75.17	ng	0.02
7) Phenol-d6	6.45	99	795559	90.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	483687	72.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	55010	27.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	928425	77.30	ng	0.00
78) Terphenyl-d14	12.92	244	686440	75.81	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	59781	3.995	ng	98
73) Di-n-butylphthalate	11.89	149	358245	18.416	ng	99

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

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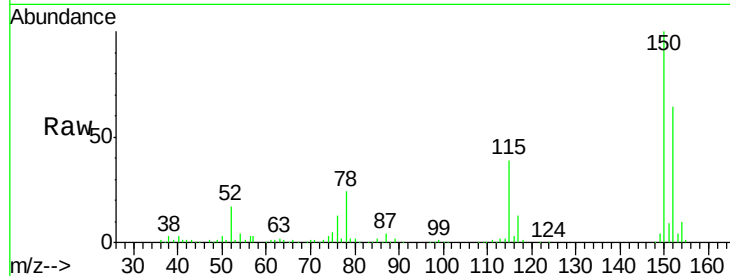




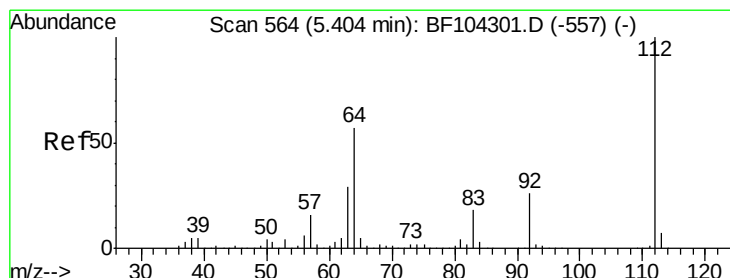
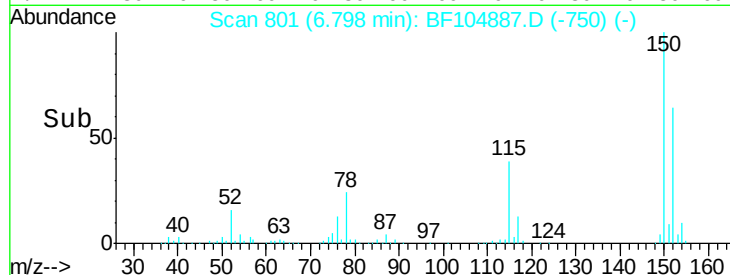
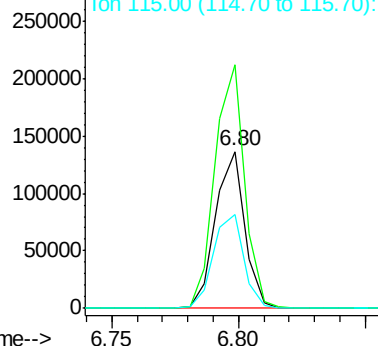
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.0	50.1	75.1



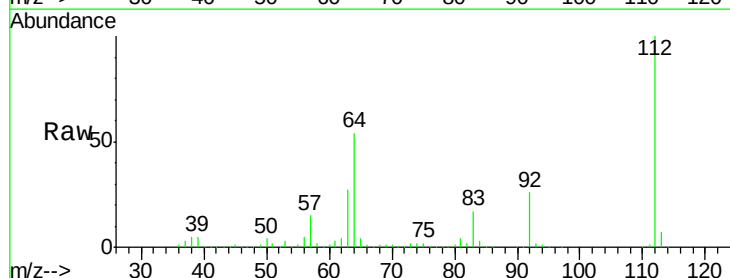
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



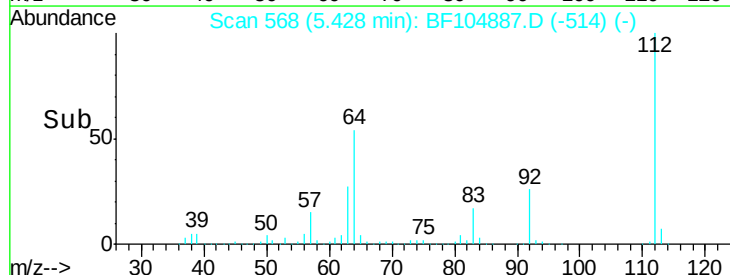
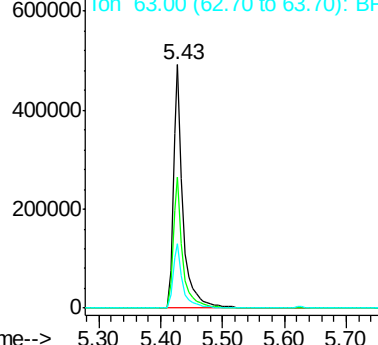
#5

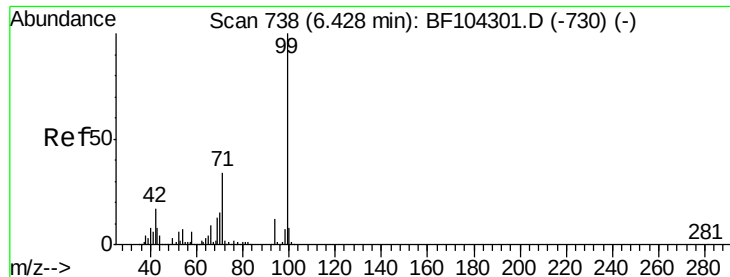
2-Fluorophenol
Concen: 75.173 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.6	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: 90.631 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

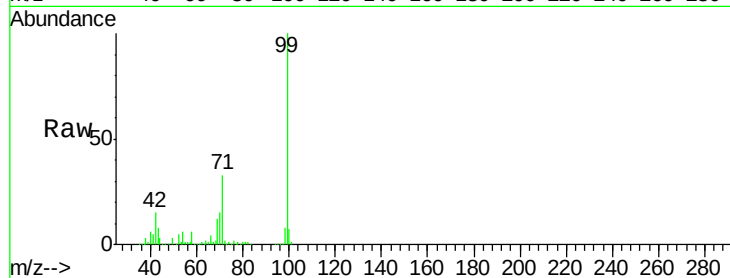
Tot Ion: 99 Resp: 795559

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

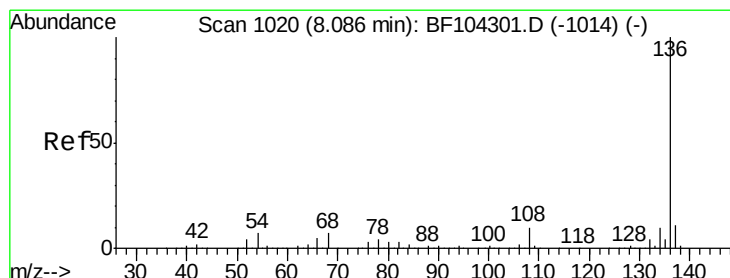
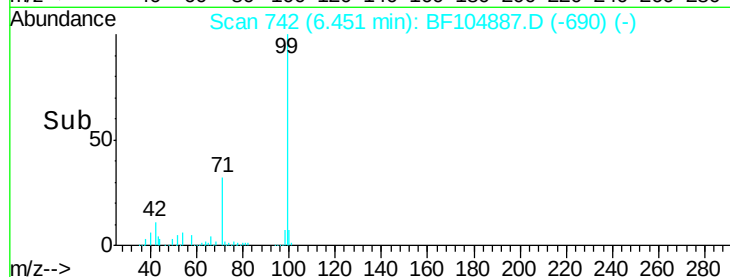
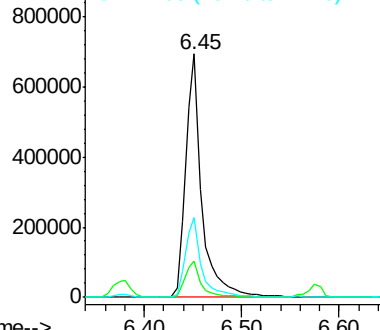
71 32.8 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

Tgt Ion: 136 Resp: 436207

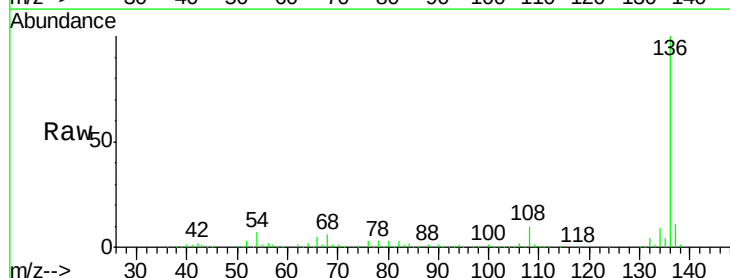
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

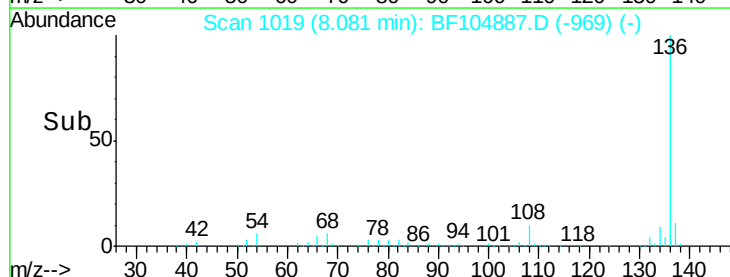
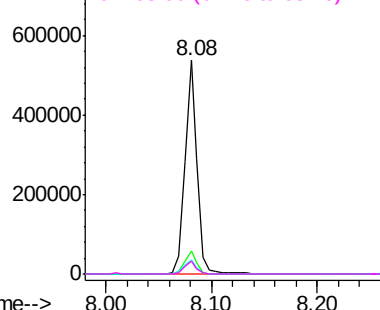


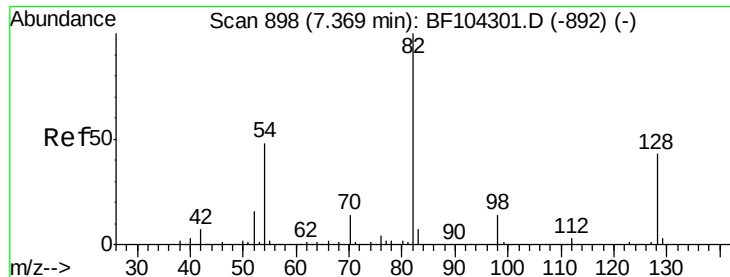
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

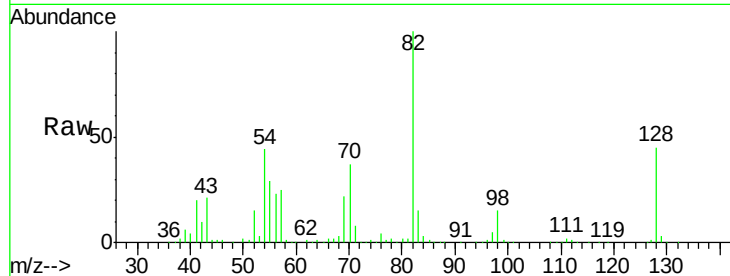
Ion 68.00 (67.70 to 68.70): BF1



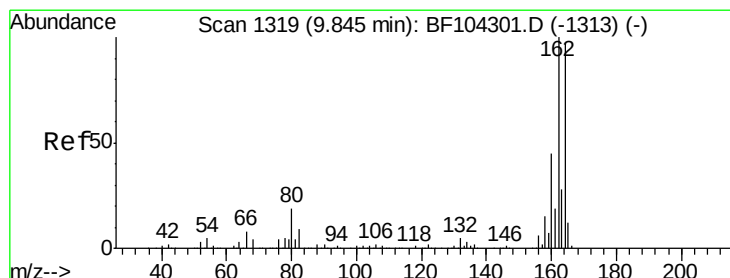
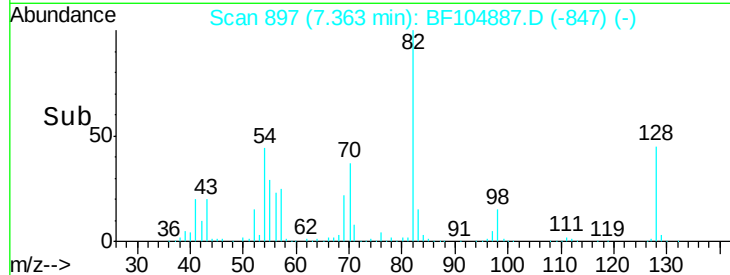
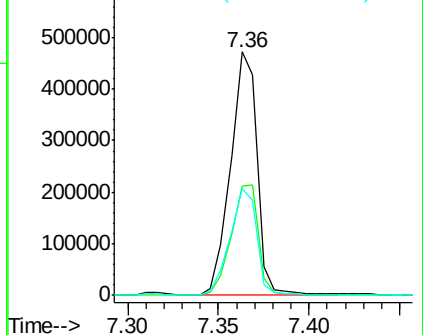


#23
 Nitrobenzene-d5
 Concen: 72.406 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tot Ion	82	Resp	483687
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	43.9	41.4	62.2

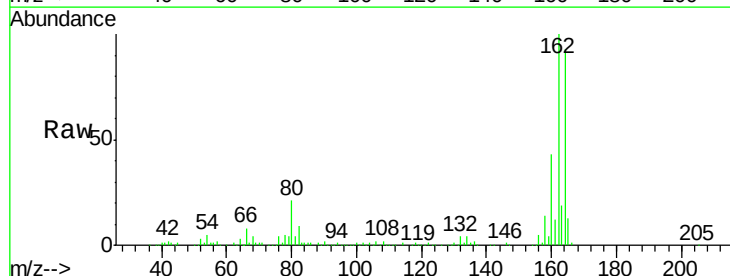


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

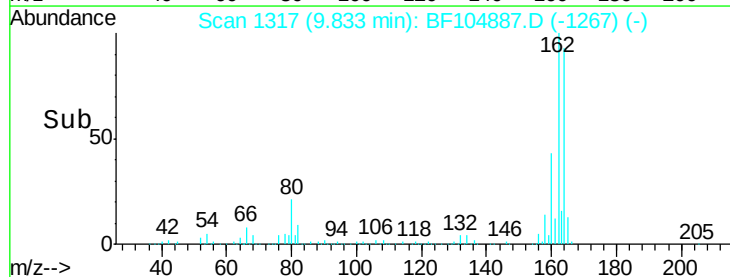
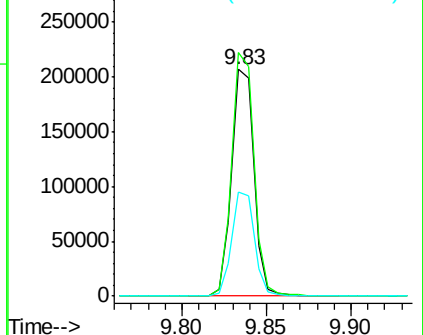


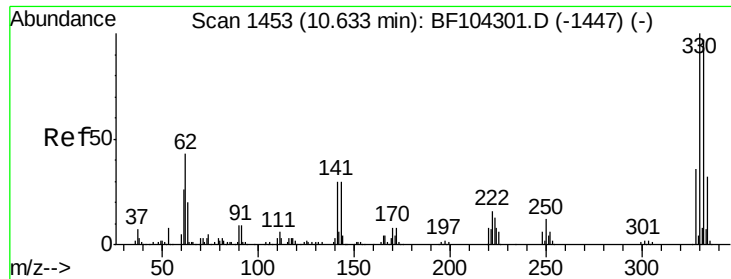
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tgt Ion	164	Resp	189741
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	107.4	38.3	57.5
160	45.7		



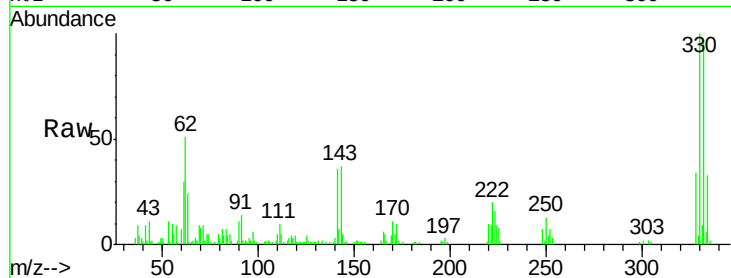
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



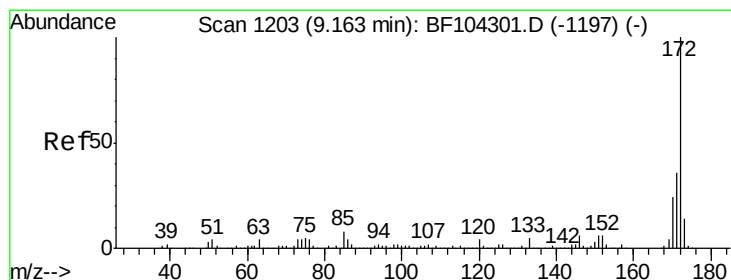
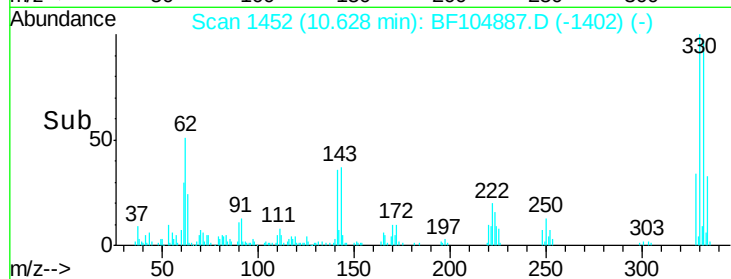
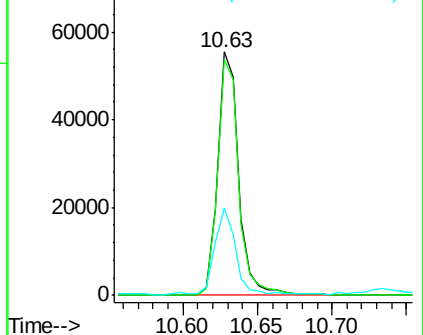


#41
 2,4,6-Tribromophenol
 Concen: 27.949 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.8	29.9	44.9

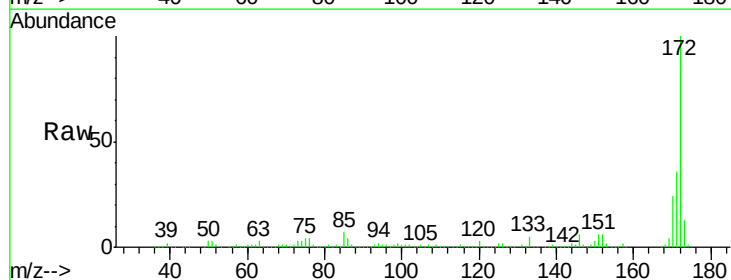


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

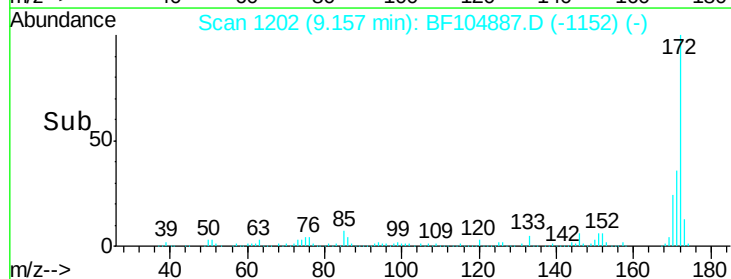
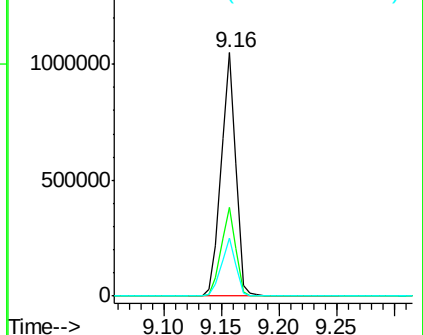


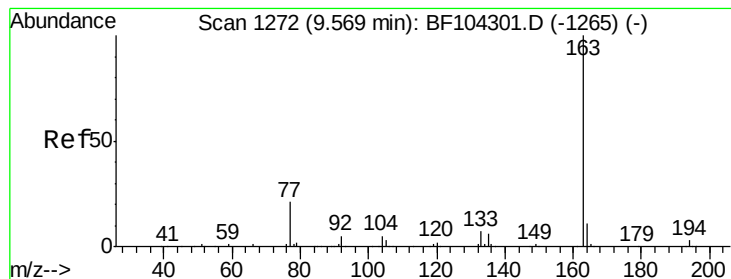
#44
 2-Fluorobiphenyl
 Concen: 77.299 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: 3.995 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

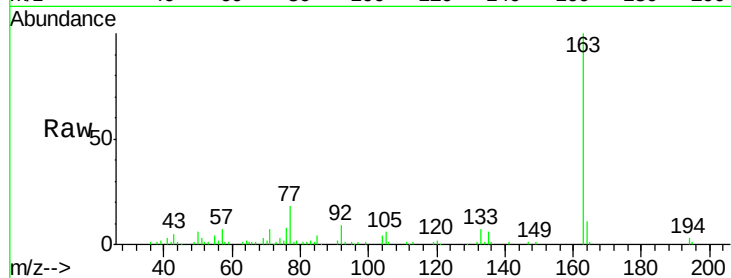
Tot Ion:163 Resp: 59781

Ion Ratio Lower Upper

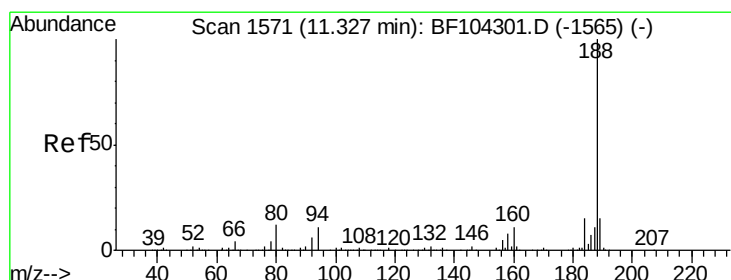
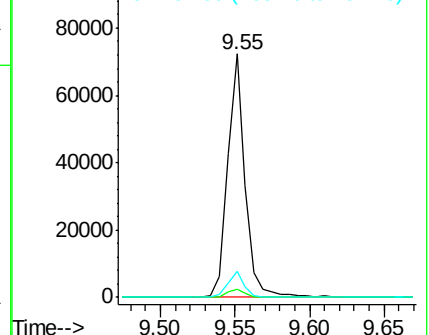
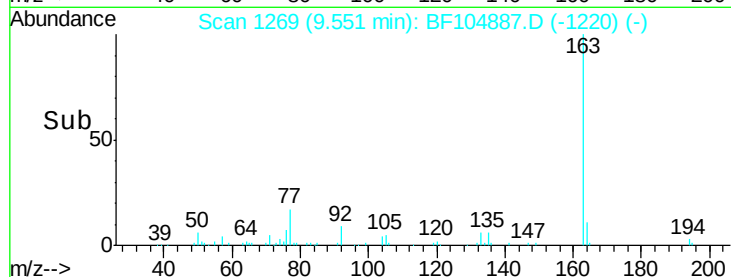
163 100

194 3.2 2.7 4.1

164 10.9 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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

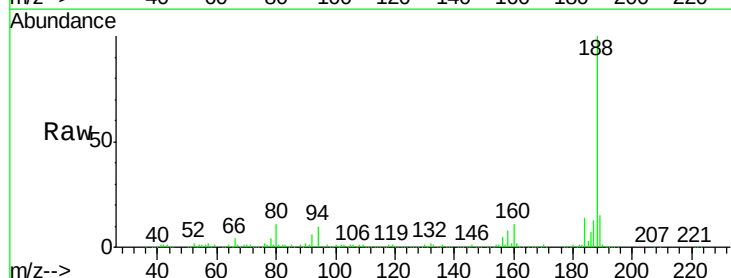
Tgt Ion:188 Resp: 287879

Ion Ratio Lower Upper

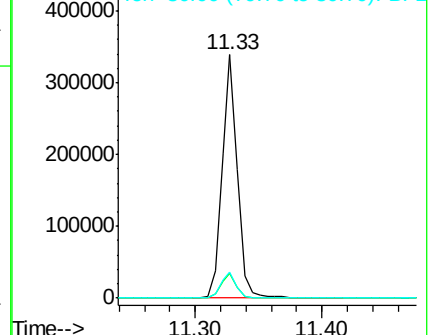
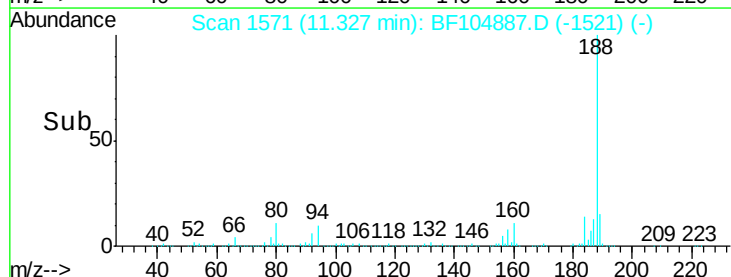
188 100

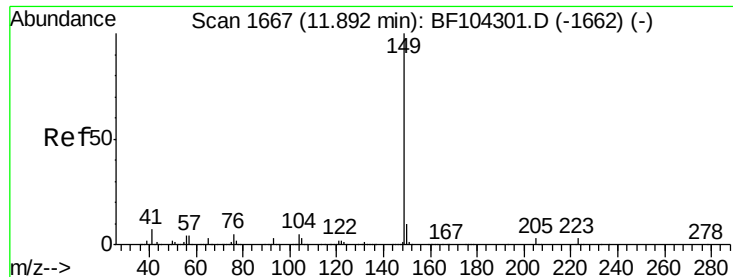
94 10.0 8.5 12.7

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





#73

Di-n-butylphthalate

Concen: 18.416 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

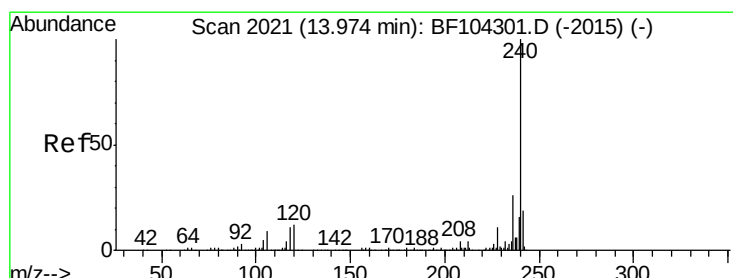
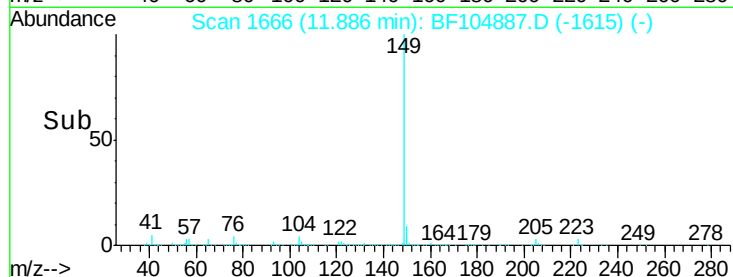
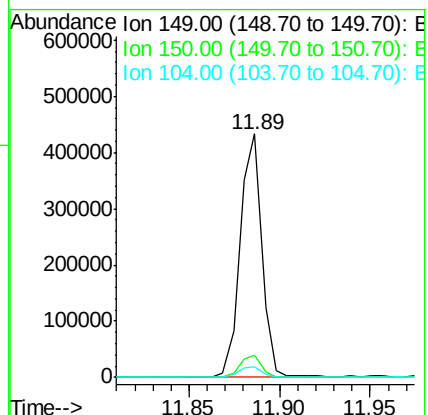
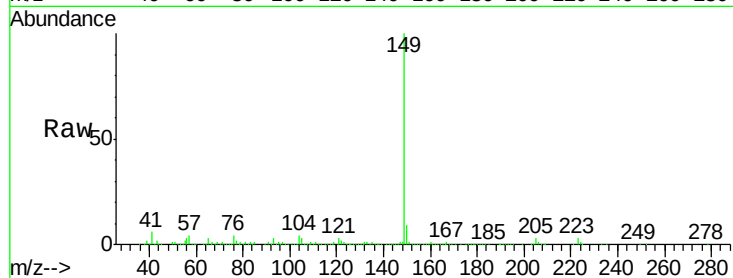
Tot Ion:149 Resp: 358245

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.3 3.8 5.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

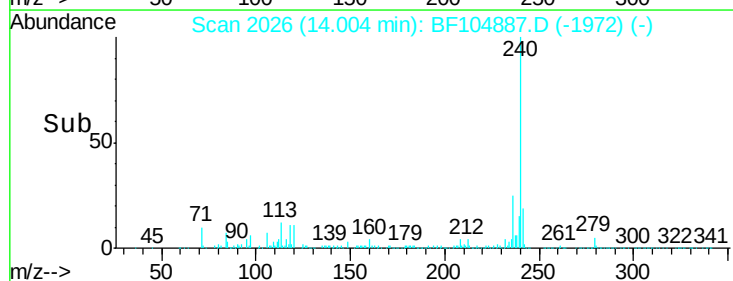
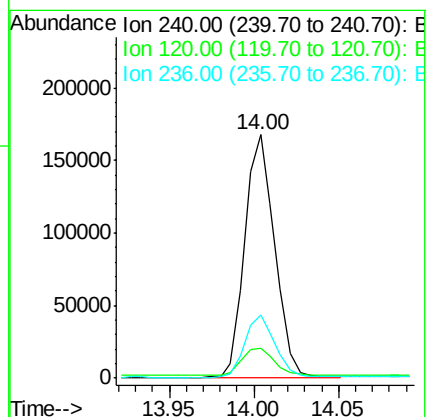
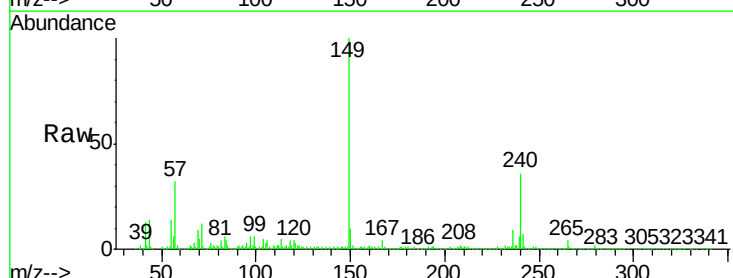
Tgt Ion:240 Resp: 206442

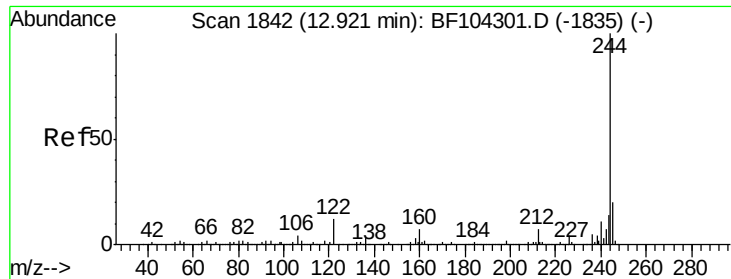
Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 75.807 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

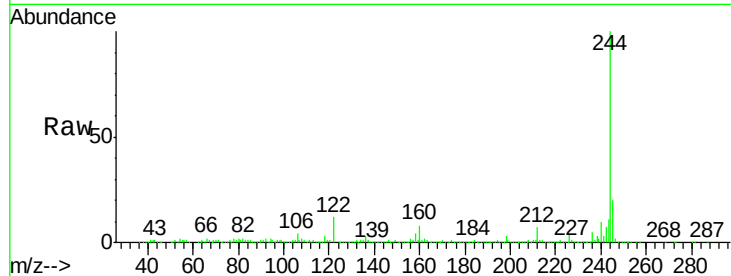
Tot Ion:244 Resp: 686440

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.2	11.0	16.4

244 100

212 7.0 5.4 8.0

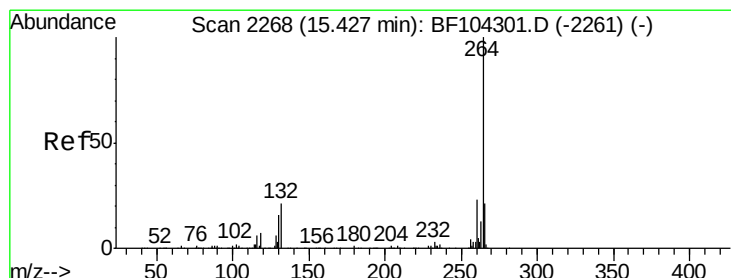
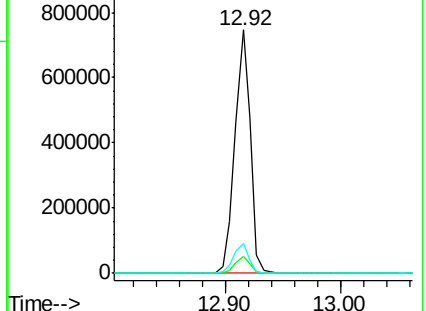
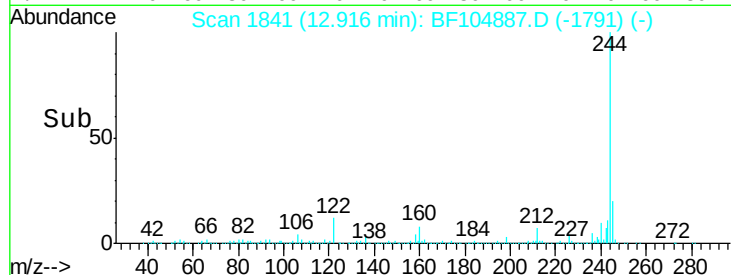
122 12.2 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.03 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

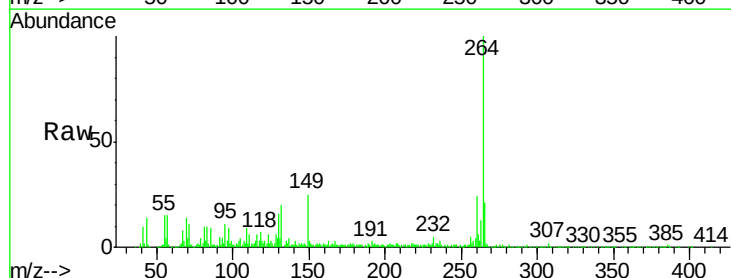
Tgt Ion:264 Resp: 219791

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3

264 100

260 23.8 19.2 28.8

265 21.2 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

