

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002344.D
 Acq On : 01 Jun 2020 18:00
 Operator : CG/JU
 Sample : L2797-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 01 18:57:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

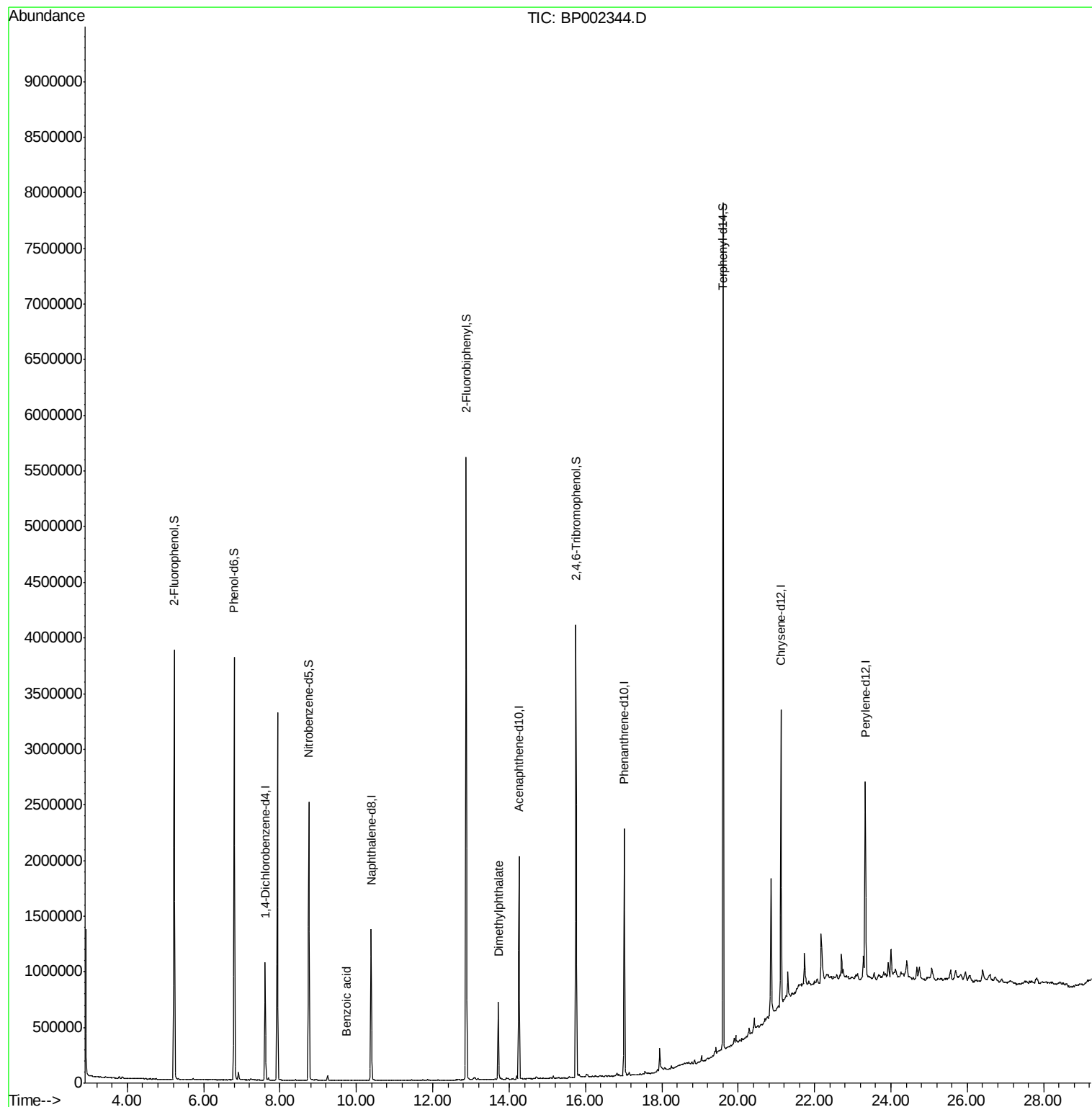
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	277510	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1102290	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	644593	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1333838	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1200857	20.00	ng	0.00
86) Perylene-d12	23.33	264	1245771	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1643775	111.25	ng	0.00
7) Phenol-d6	6.80	99	2191862	109.05	ng	0.00
23) Nitrobenzene-d5	8.75	82	1418473	77.37	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	712638	116.65	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2960224	81.03	ng	0.00
79) Terphenyl-d14	19.60	244	3852341	77.69	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	230	4.829	ng	Qvalue # 1
50) Dimethylphthalate	13.72	163	441243	10.113	ng	100

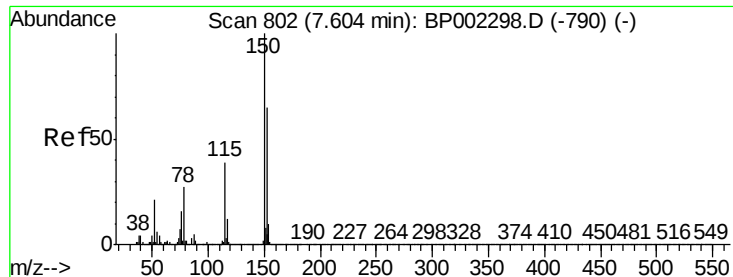
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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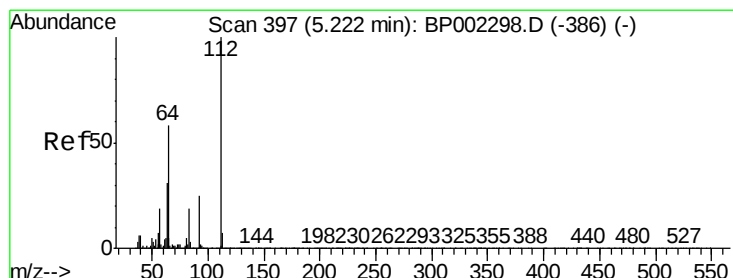
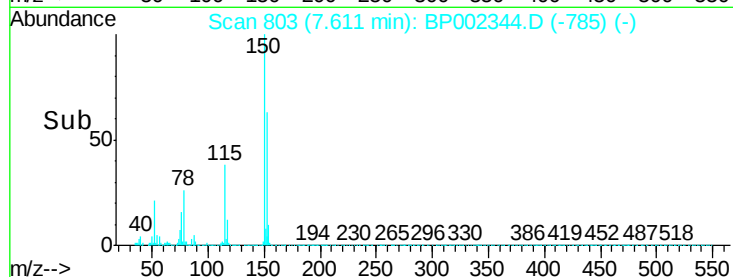
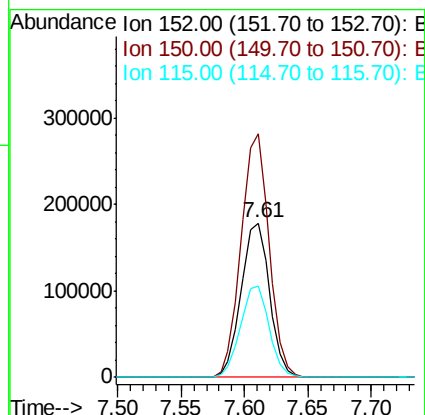
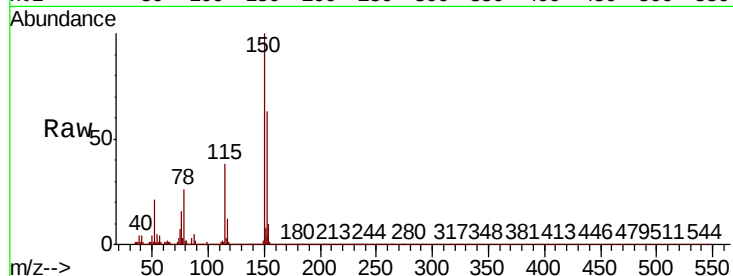


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

Instrument :
BNA_P
ClientSampleId :

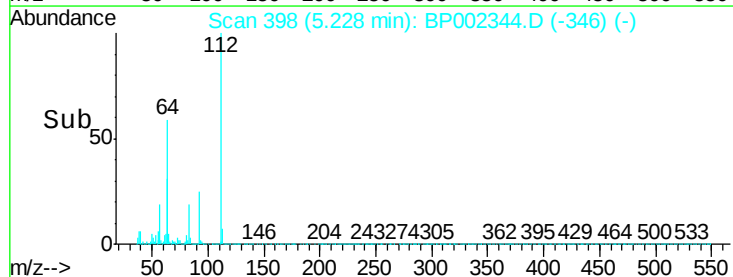
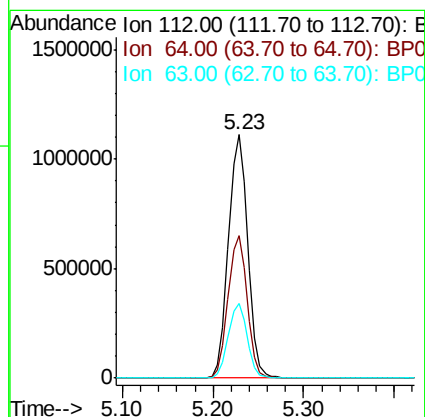
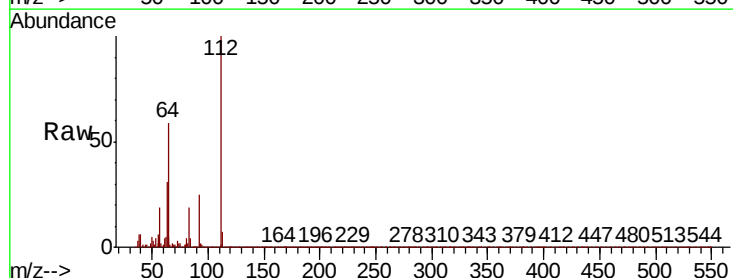
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	59.5	49.4	74.2

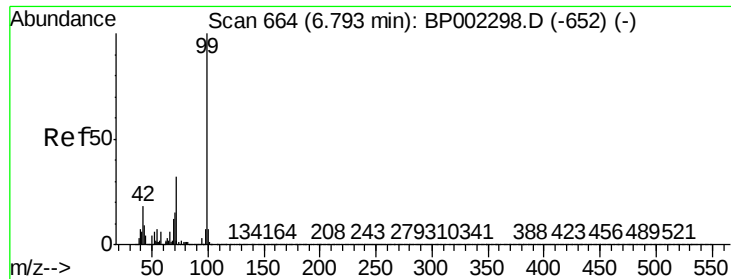


#5

2-Fluorophenol
Concen: 111.247 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.4
63	30.9	24.0	36.0





#7

Phenol-d6

Concen: 109.048 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

Instrument :

BNA_P

ClientSampleId :

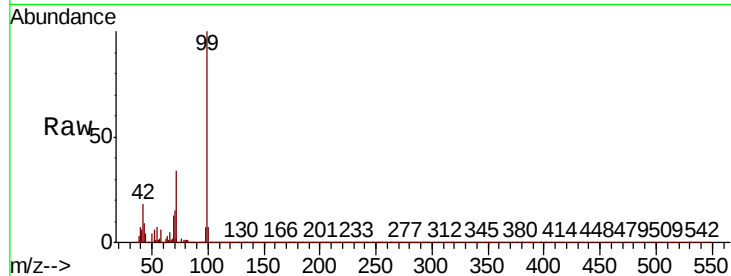
Tot Ion: 99 Resp: 2191862

Ion Ratio Lower Upper

99 100

42 17.9 13.9 20.9

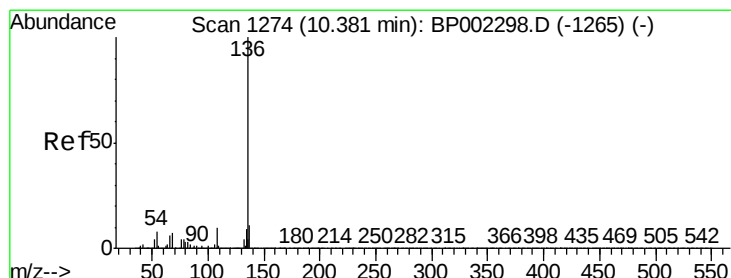
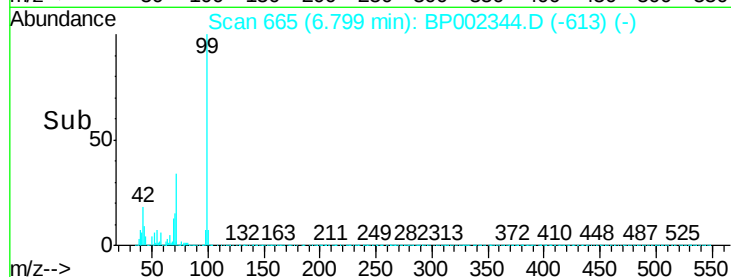
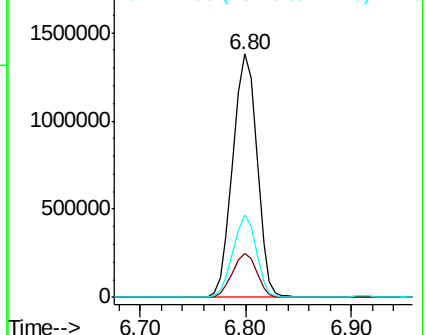
71 33.6 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

Tgt Ion: 136 Resp: 1102290

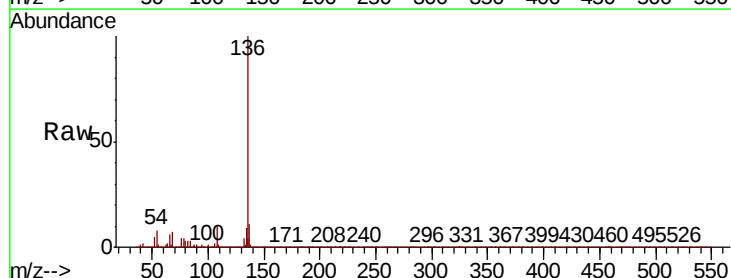
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.5 6.9 10.3

68 7.4 5.6 8.4

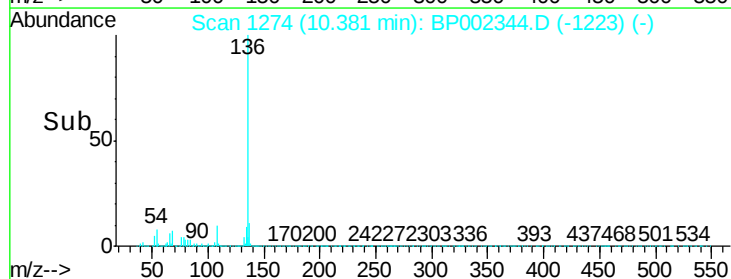
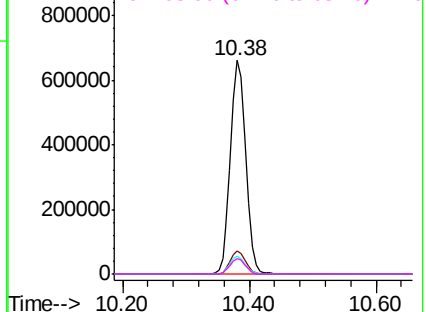


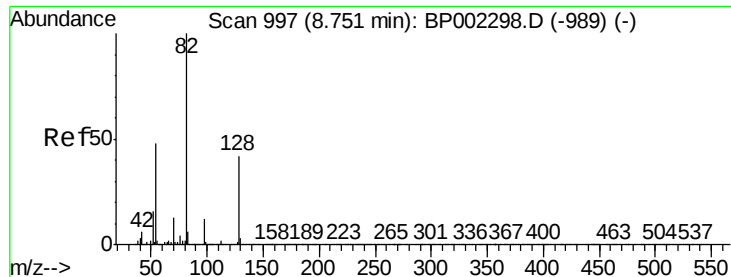
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

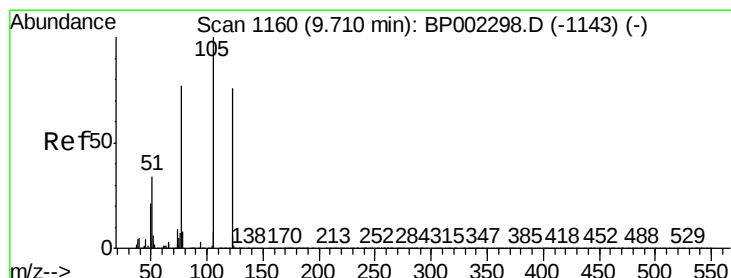
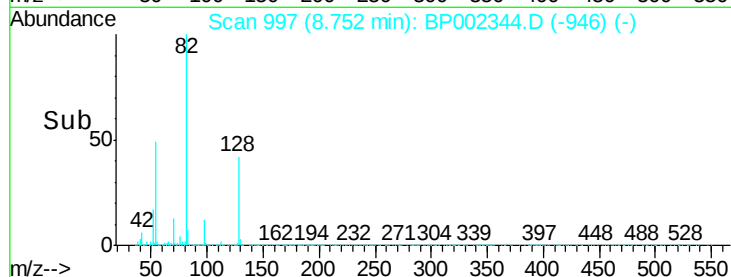
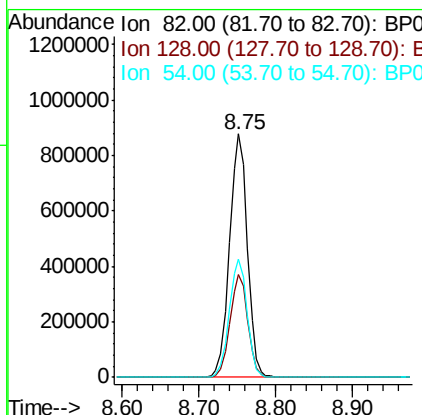
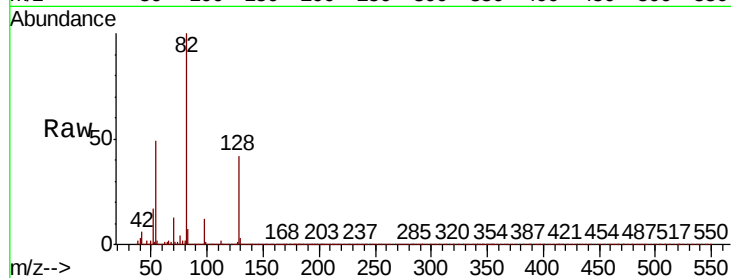




#23
Nitrobenzene-d5
Concen: 77.368 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.00 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

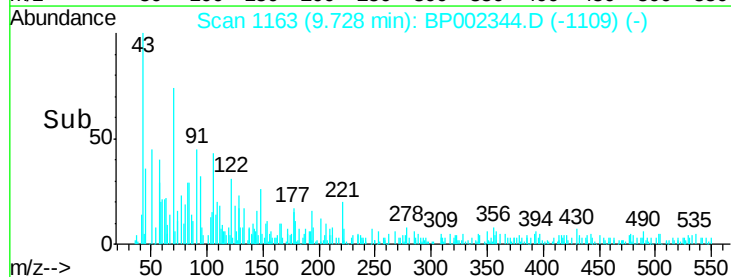
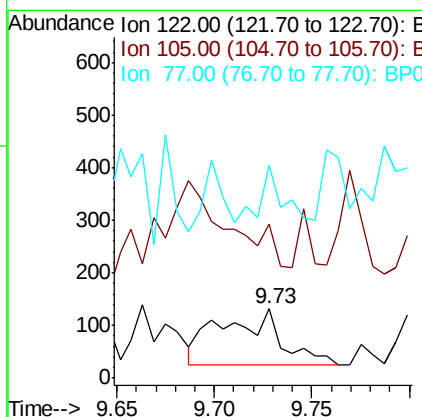
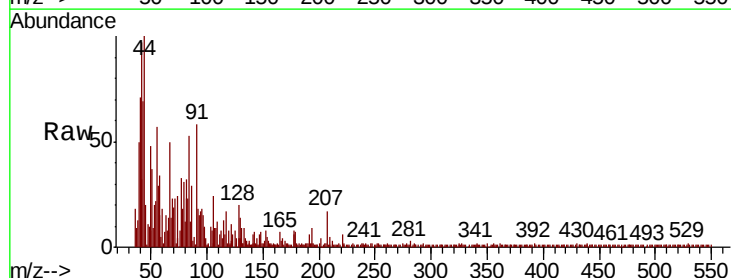
Instrument :
BNA_P
ClientSampleId :

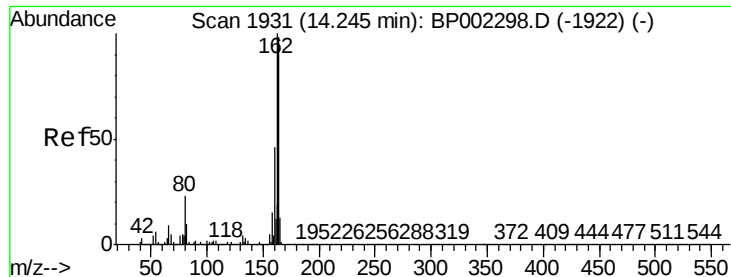
Tot Ion: 82 Resp: 1418473
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 48.6 38.3 57.5



#32
Benzoic acid
Concen: 4.829 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

Tgt Ion: 122 Resp: 230
Ion Ratio Lower Upper
122 100
105 223.7 102.7 142.7#
77 308.4 74.8 114.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

Instrument :

BNA_P

ClientSampleId :

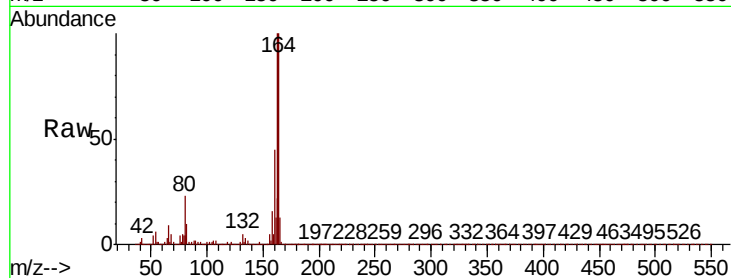
Tot Ion:164 Resp: 644593

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

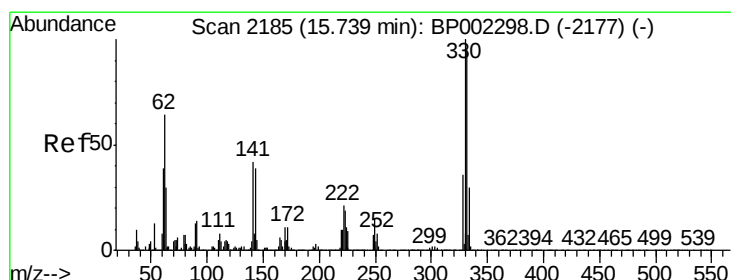
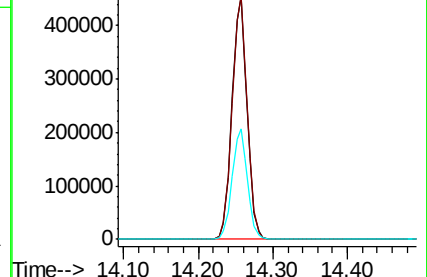
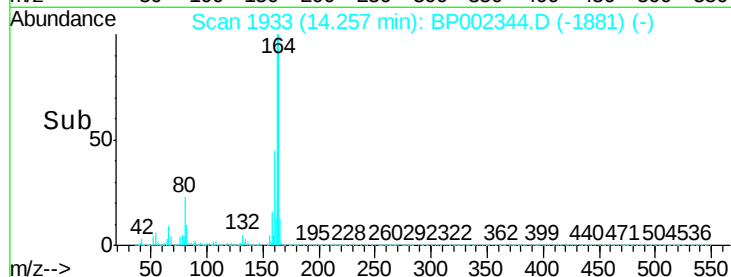
160 45.7 37.2 55.8



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



#42

2,4,6-Tribromophenol

Concen: 116.651 ng

RT: 15.76 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

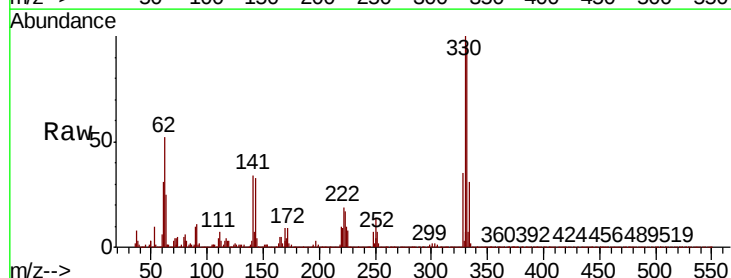
Tgt Ion:330 Resp: 712638

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

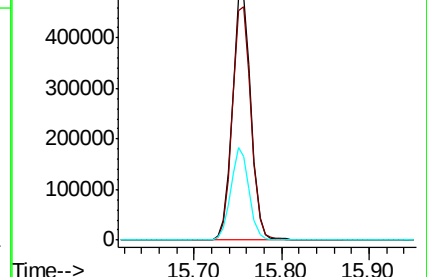
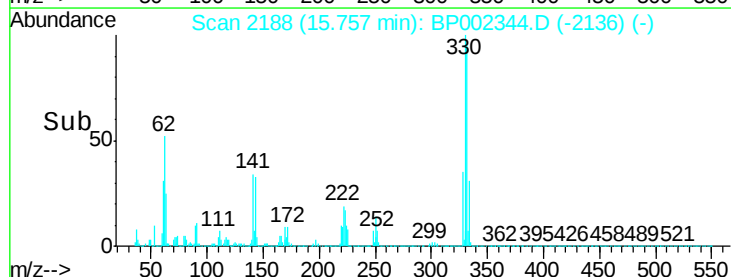
141 36.8 31.4 47.2

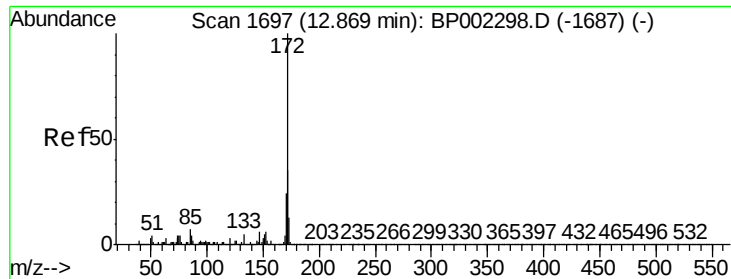


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

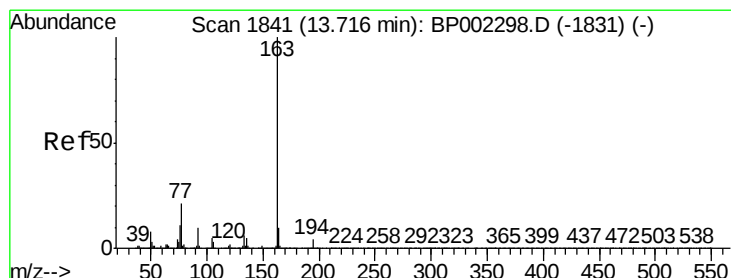
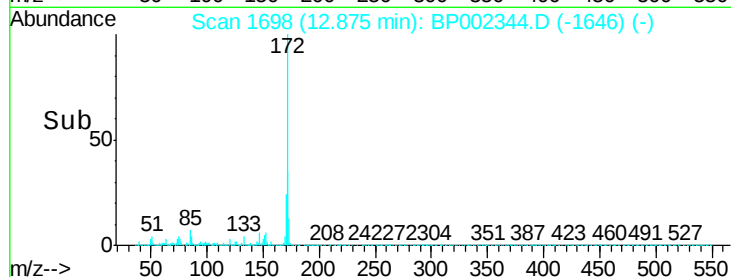
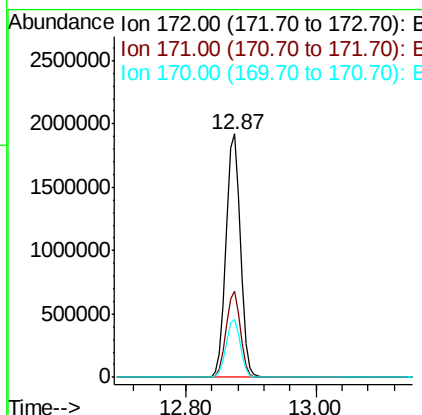
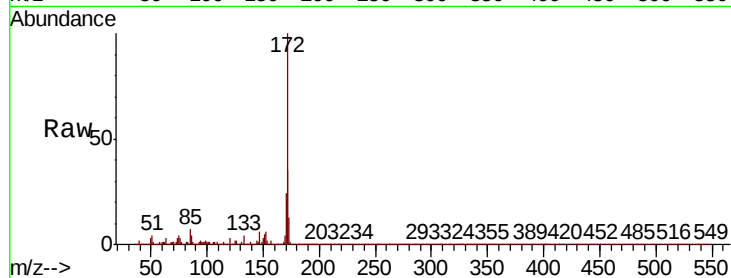




#45
2-Fluorobiphenyl
Concen: 81.034 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

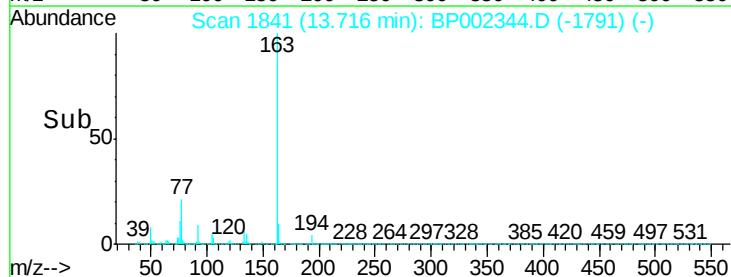
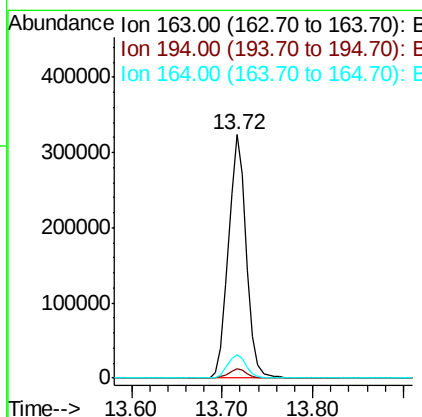
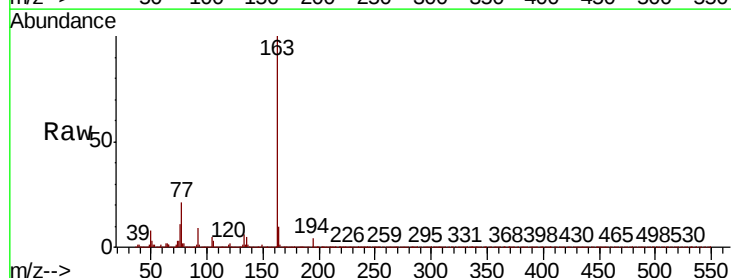
Instrument :
BNA_P
ClientSampleId :

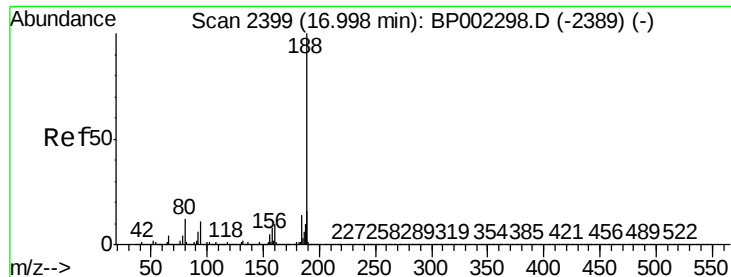
Tot Ion:172 Resp: 2960224
Ion Ratio Lower Upper
172 100
171 35.2 27.6 41.4
170 24.0 18.9 28.3



#50
Dimethylphthalate
Concen: 10.113 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002344.D
Acq: 01 Jun 2020 18:00

Tgt Ion:163 Resp: 441243
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

Instrument :

BNA_P

ClientSampleId :

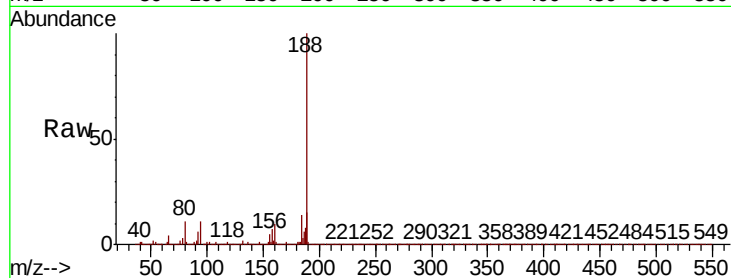
Tot Ion:188 Resp: 1333838

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

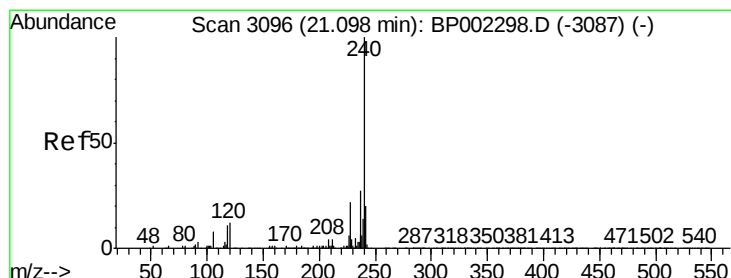
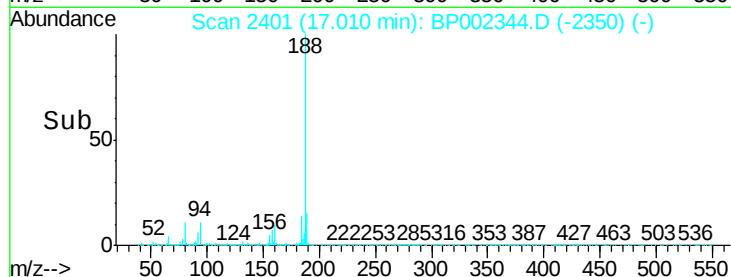
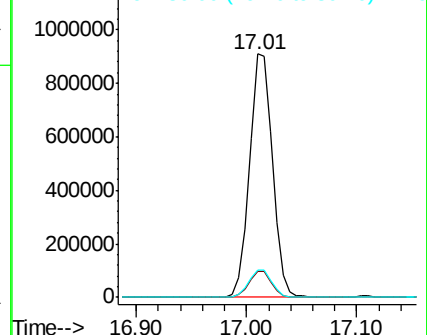
80 11.3 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

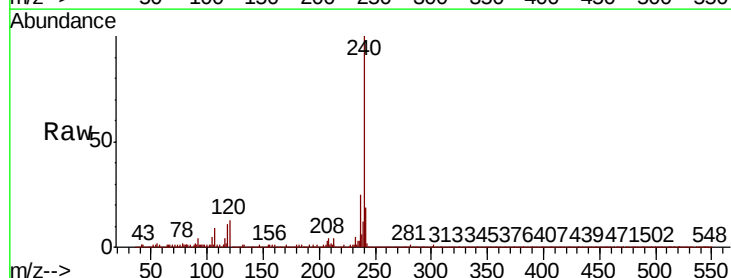
Tgt Ion:240 Resp: 1200857

Ion Ratio Lower Upper

240 100

120 12.7 8.7 13.1

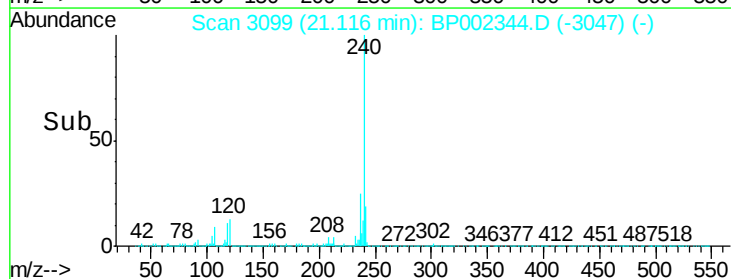
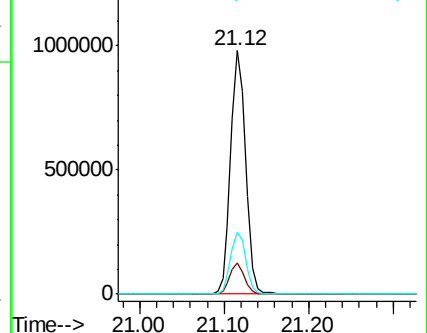
236 25.4 21.0 31.4

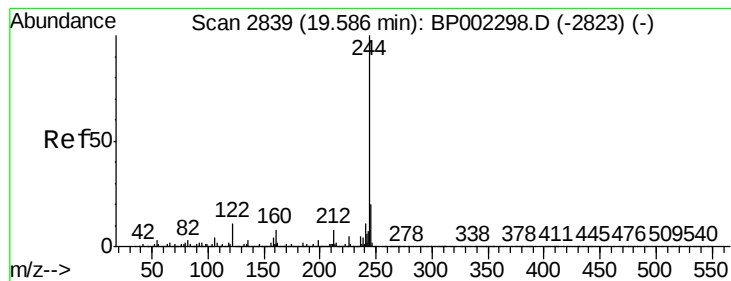


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.688 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

Instrument :

BNA_P

ClientSampleId :

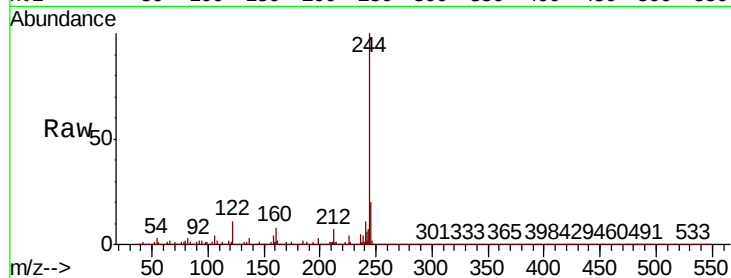
Tot Ion:244 Resp: 3852341

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

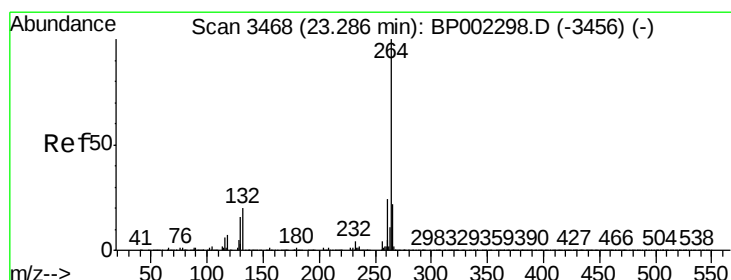
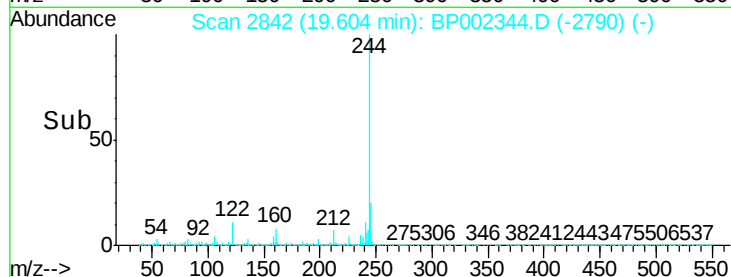
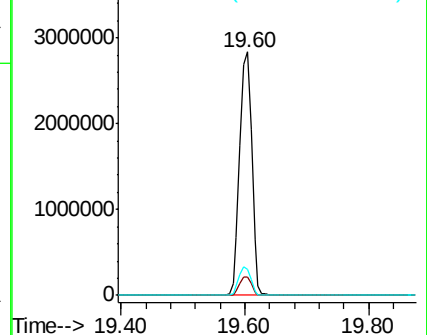
122 10.9 9.4 14.0



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: 23.33 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BP002344.D

Acq: 01 Jun 2020 18:00

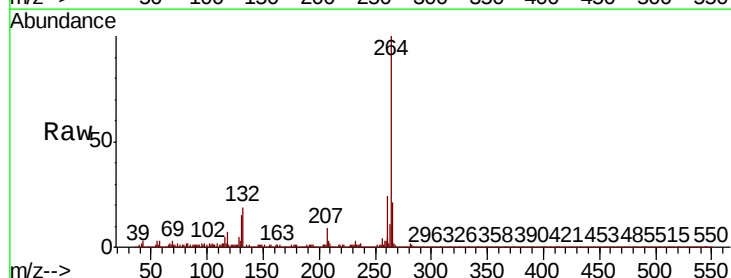
Tgt Ion:264 Resp: 1245771

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 17.8 26.6



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

