

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001272.D
 Acq On : 09 Dec 2019 16:18
 Operator : JU
 Sample : K6187-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RPC-BOT-W

Quant Time: Dec 10 04:40:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

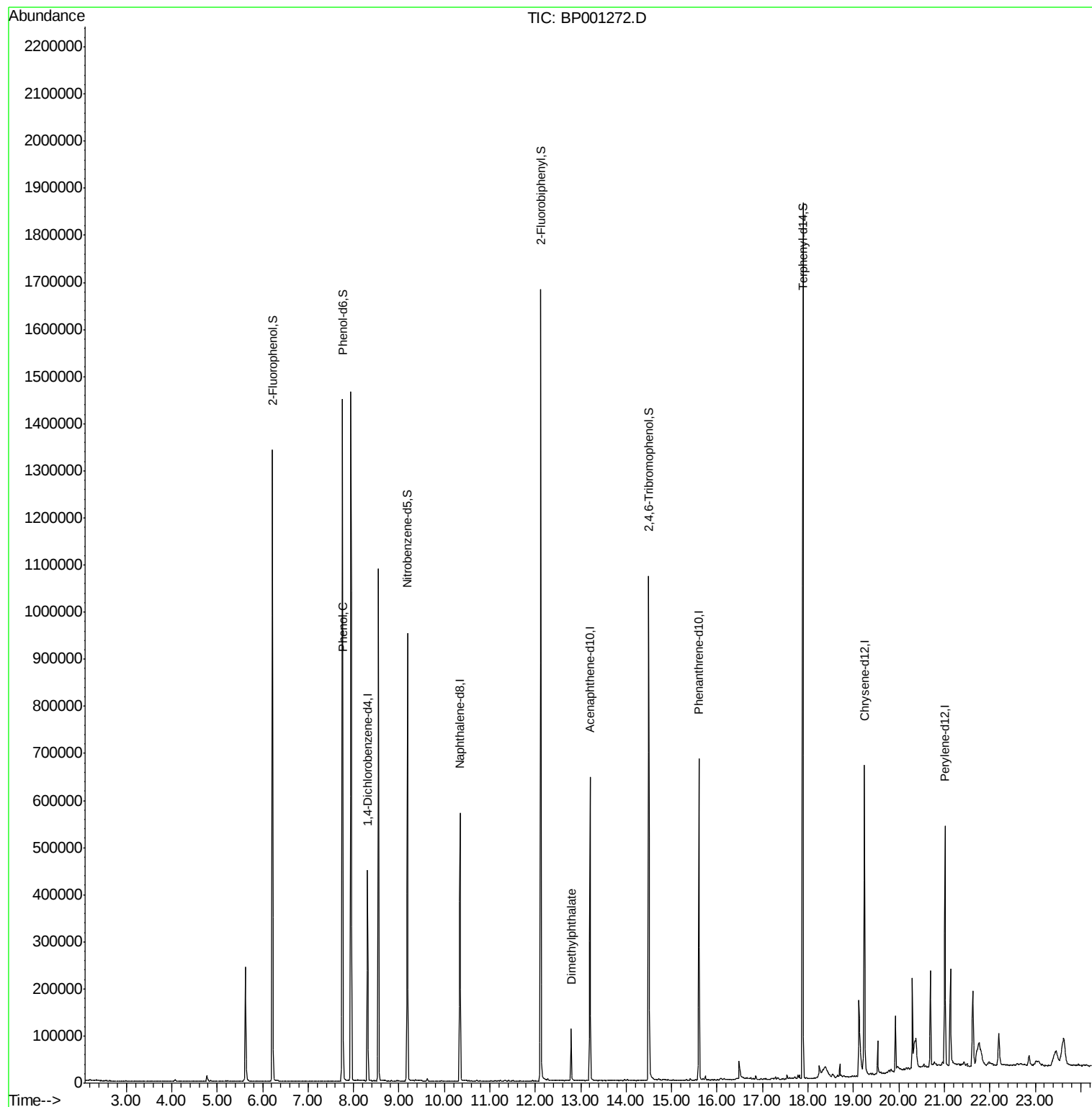
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	77229	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	285259	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	165784	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	313074	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	238575	20.00	ng	-0.02
87) Perylene-d12	21.02	264	252057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	384156	82.53	ng	0.00
7) Phenol-d6	7.76	99	535643	86.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	374744	57.00	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	150111	94.47	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	639881	56.49	ng	-0.01
79) Terphenyl-d14	17.89	244	735684	57.05	ng	0.00
Target Compounds						
10) Phenol	7.77	94	22312	3.163	ng	95
50) Dimethylphthalate	12.79	163	48483	3.910	ng	99

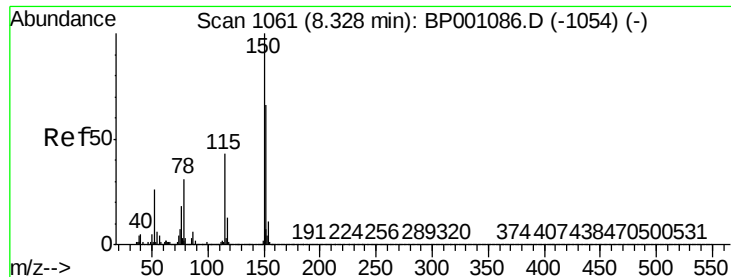
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

Instrument :

BNA_P

ClientSampleId :

RPC-BOT-W

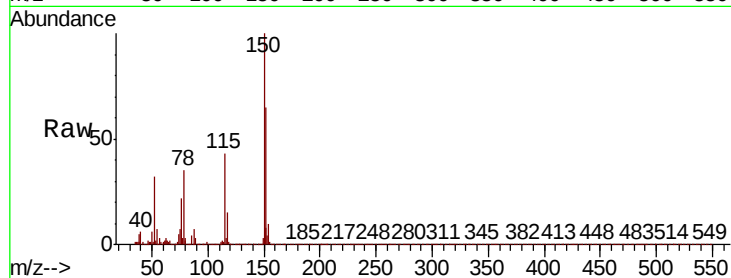
Tot Ion:152 Resp: 77229

Ion Ratio Lower Upper

152 100

150 154.3 127.3 190.9

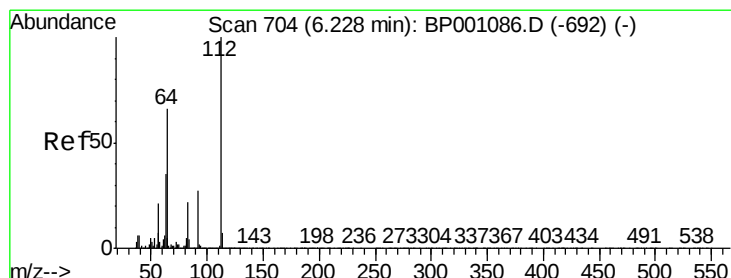
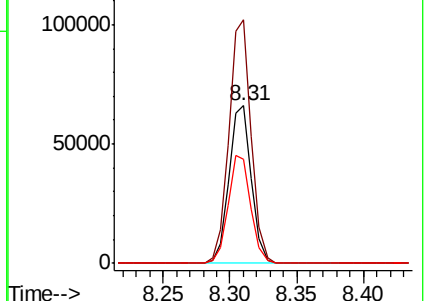
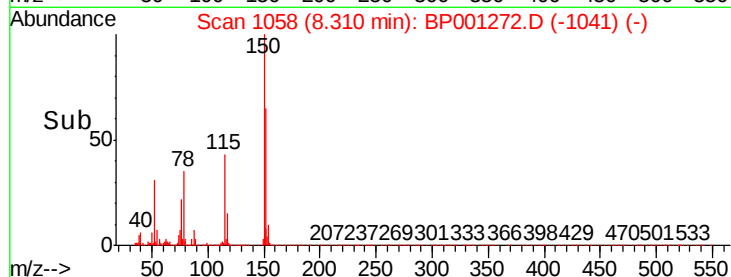
115 66.0 56.0 84.0



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: 82.527 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

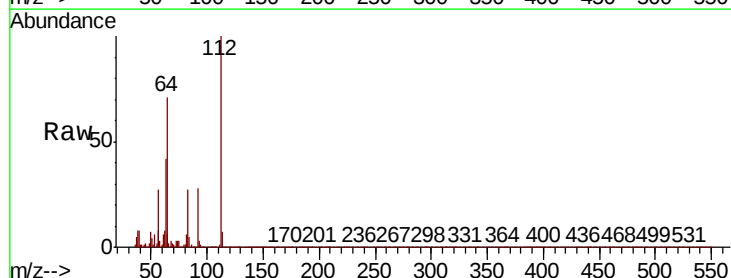
Tgt Ion:112 Resp: 384156

Ion Ratio Lower Upper

112 100

64 71.0 56.8 85.2

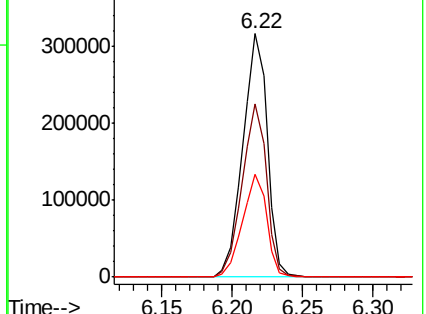
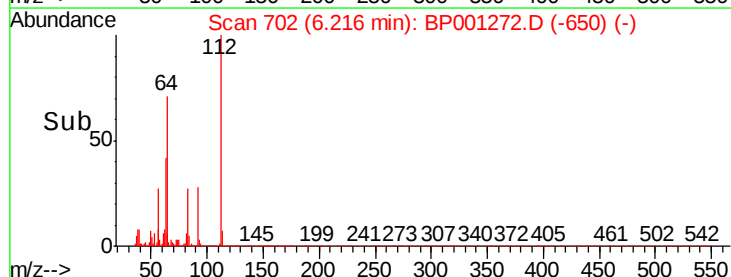
63 42.3 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 86.373 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

Instrument :

BNA_P

ClientSampleId :

RPC-BOT-W

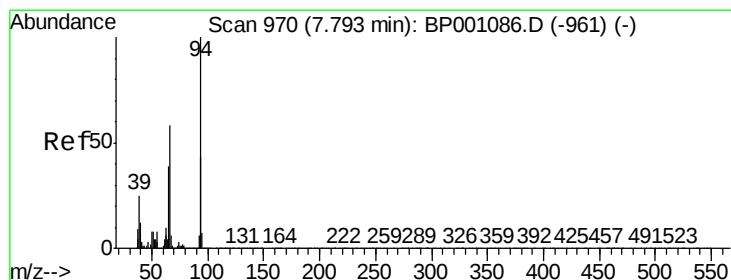
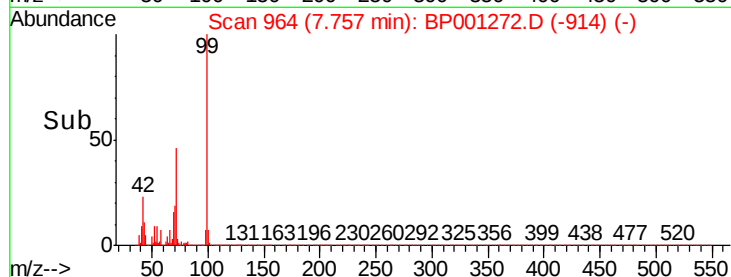
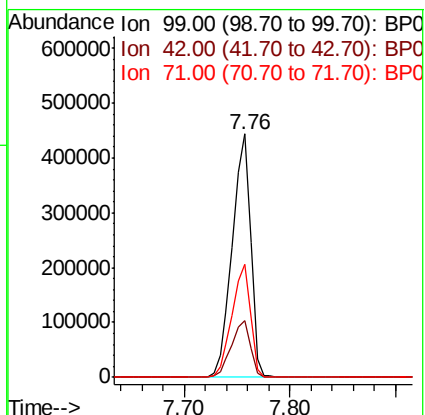
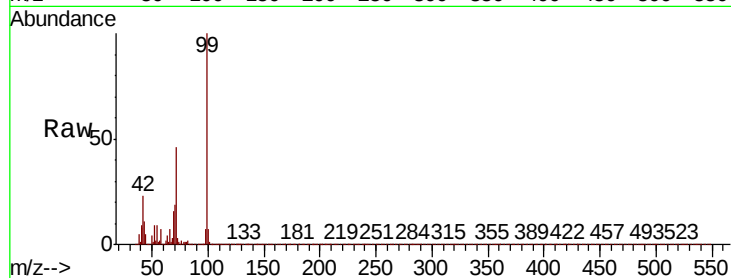
Tot Ion: 99 Resp: 535643

Ion Ratio Lower Upper

99 100

42 23.3 17.6 26.4

71 46.4 33.8 50.8



#10

Phenol

Concen: 3.163 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

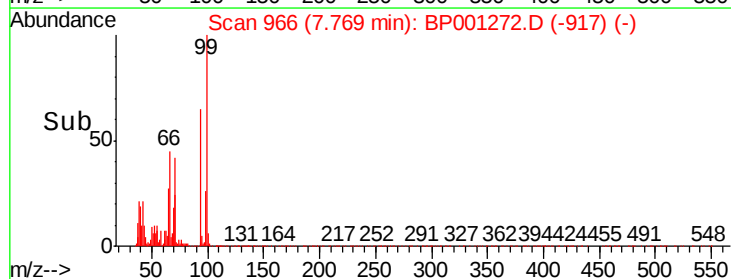
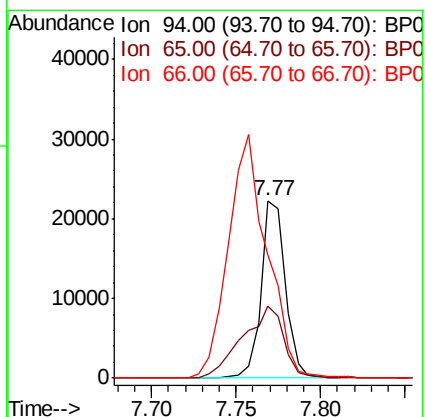
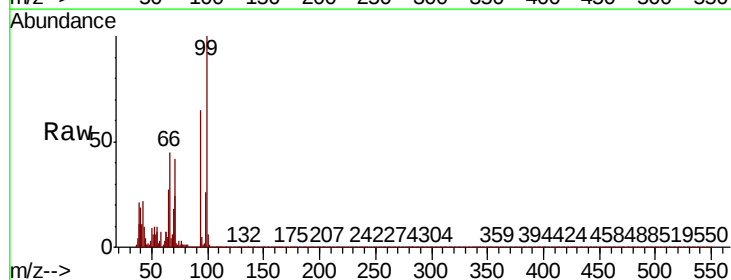
Tgt Ion: 94 Resp: 22312

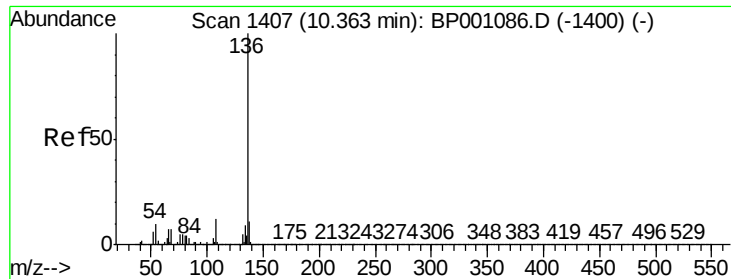
Ion Ratio Lower Upper

94 100

65 40.7 25.6 65.6

66 69.6 52.6 92.6

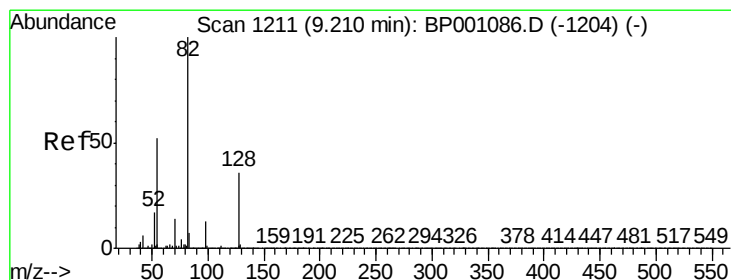
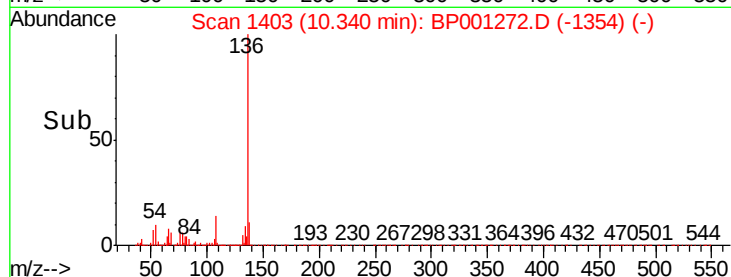
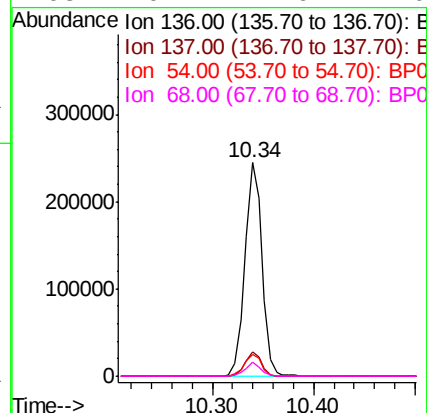
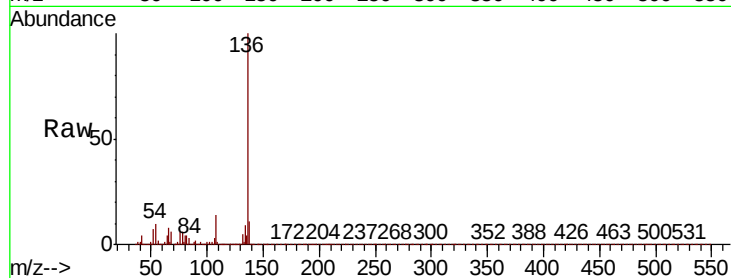




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001272.D
Acq: 09 Dec 2019 16:18

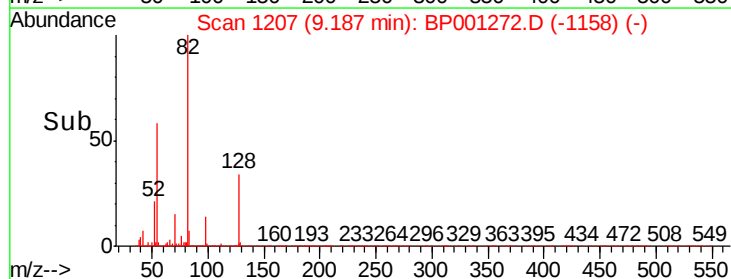
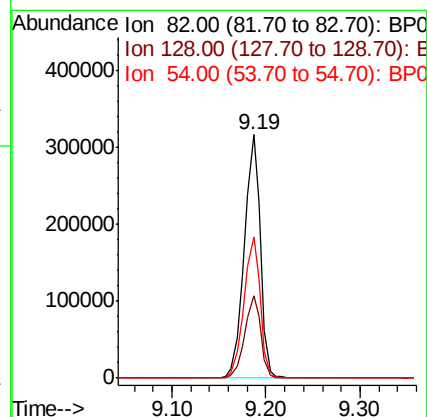
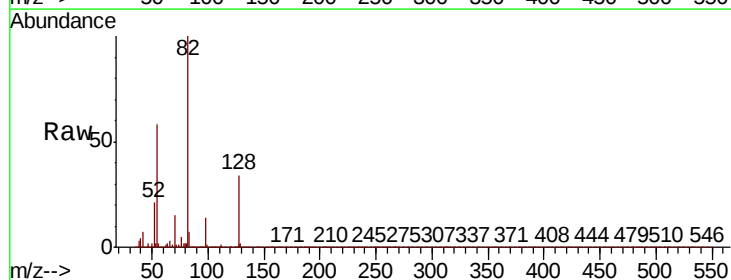
Instrument :
BNA_P
ClientSampleId :
RPC-BOT-W

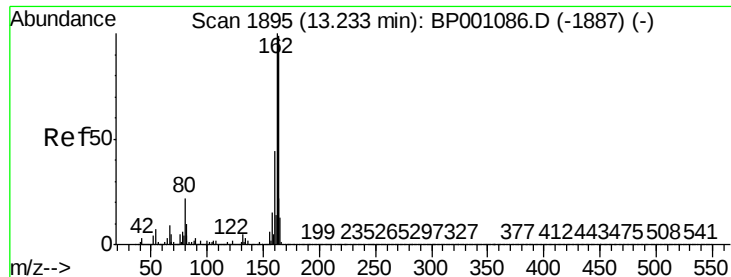
Tot Ion:136	Resp:	285259
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.4	12.6
54 10.3	7.4	11.0
68 6.4	4.6	7.0



#23
Nitrobenzene-d5
Concen: 56.996 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001272.D
Acq: 09 Dec 2019 16:18

Tgt Ion: 82	Resp: 374744
Ion Ratio	Lower Upper
82 100	
128 34.0	27.5 41.3
54 57.8	45.7 68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

Instrument :

BNA_P

ClientSampleId :

RPC-BOT-W

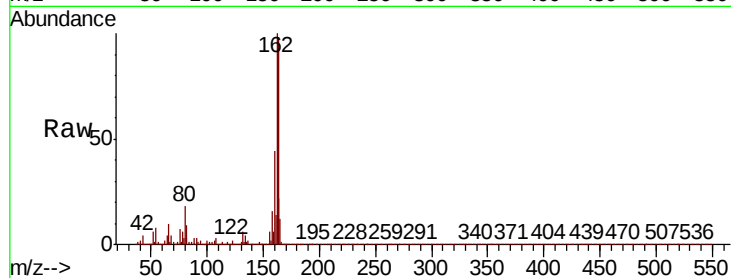
Tot Ion:164 Resp: 165784

Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

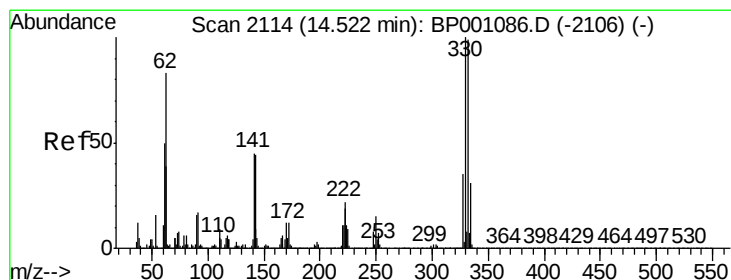
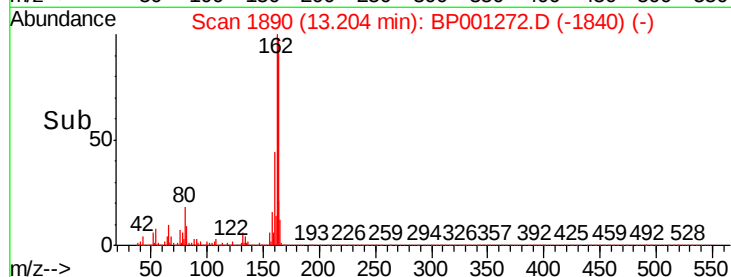
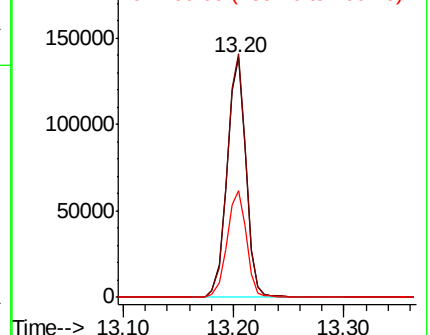
160 44.8 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 94.466 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

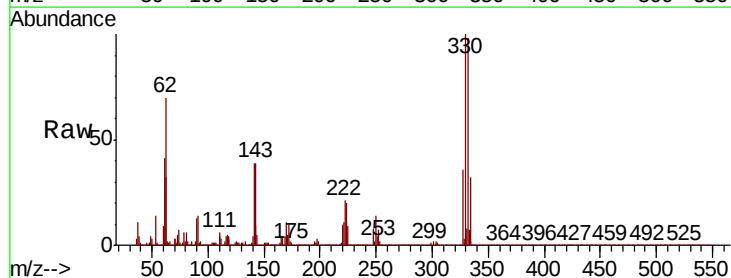
Tgt Ion:330 Resp: 150111

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

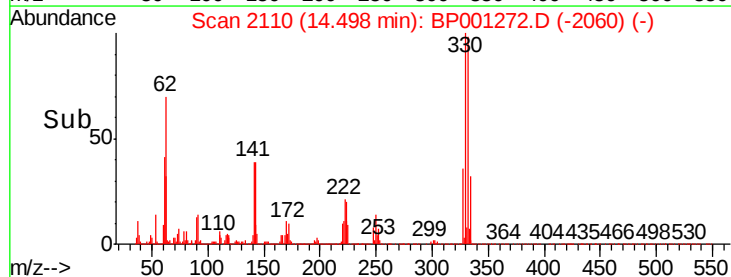
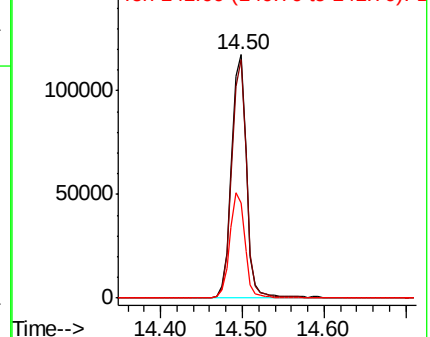
141 43.8 35.9 53.9

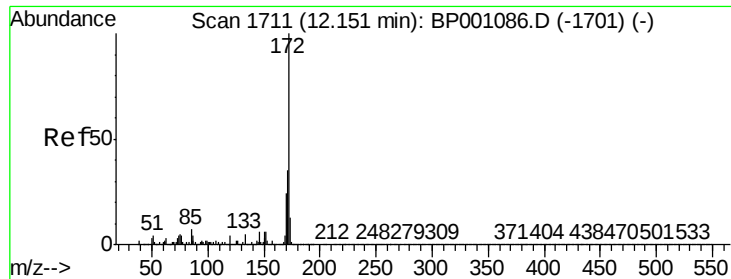


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

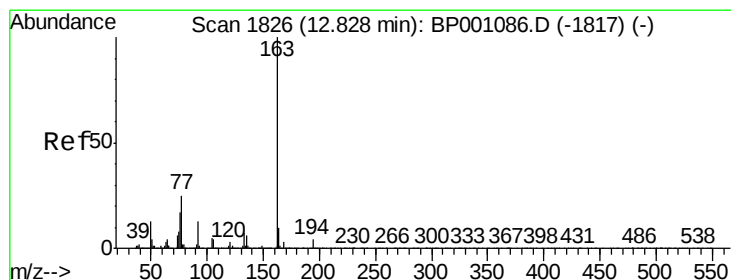
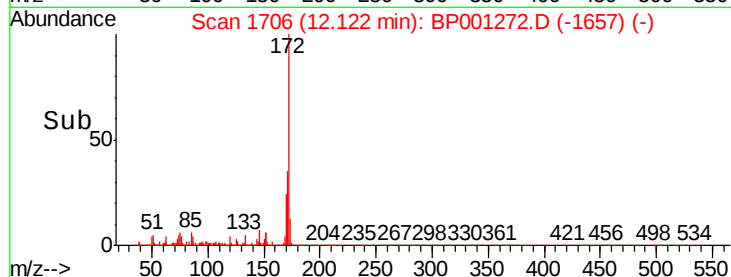
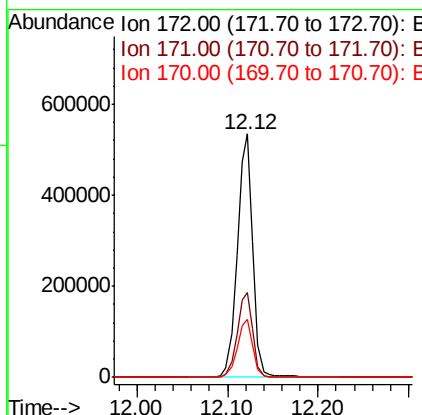
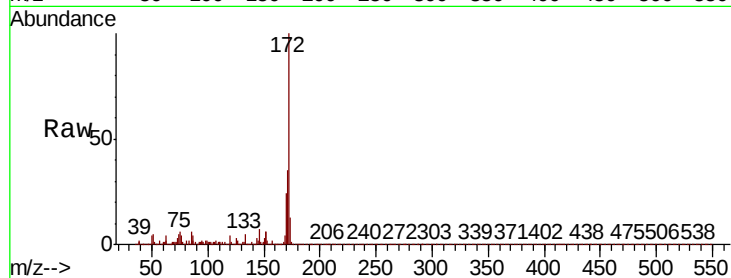




#45
2-Fluorobiphenyl
Concen: 56.490 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001272.D
Acq: 09 Dec 2019 16:18

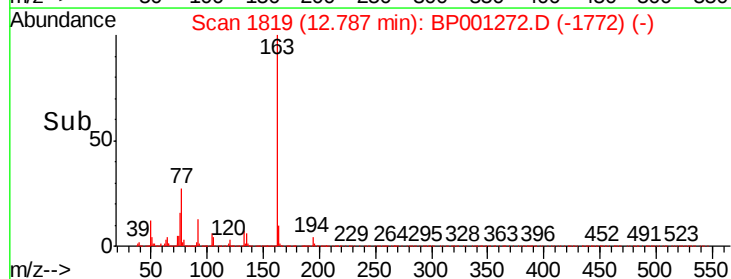
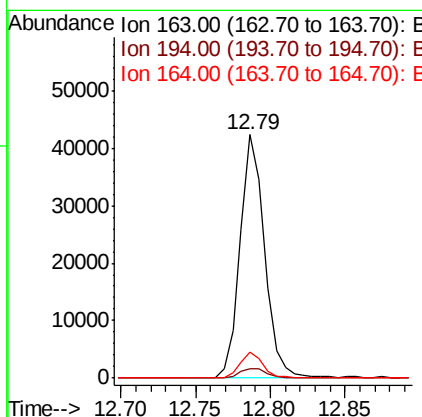
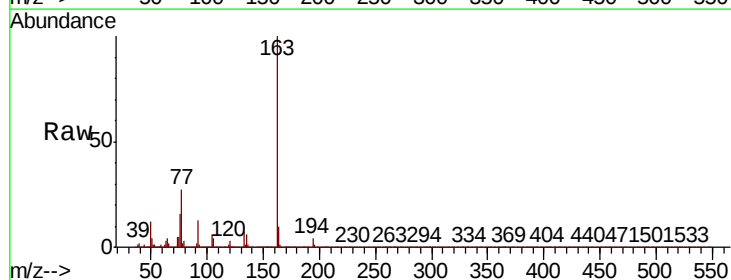
Instrument :
BNA_P
ClientSampleId :
RPC-BOT-W

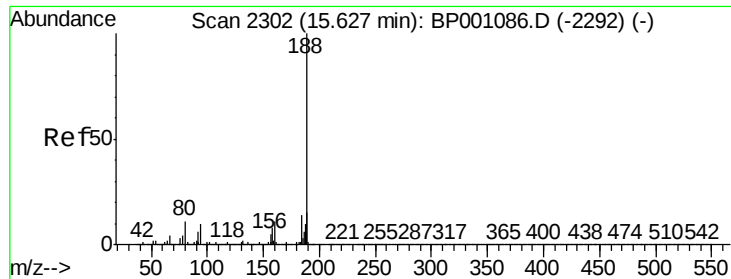
Tot Ion:172 Resp: 639881
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 3.910 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001272.D
Acq: 09 Dec 2019 16:18

Tgt Ion:163 Resp: 48483
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.5 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

Instrument :

BNA_P

ClientSampleId :

RPC-BOT-W

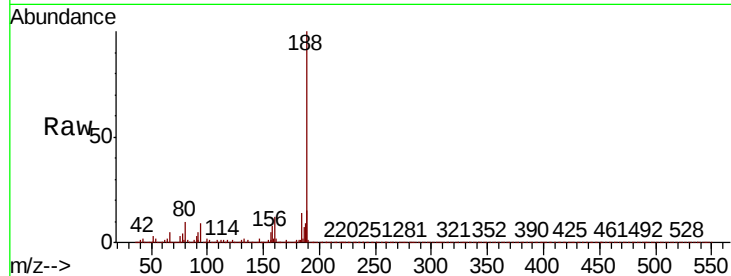
Tot Ion:188 Resp: 313074

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

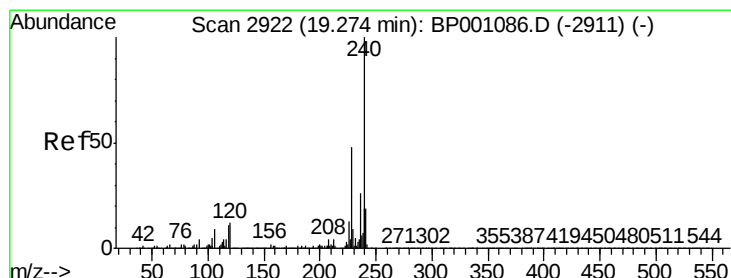
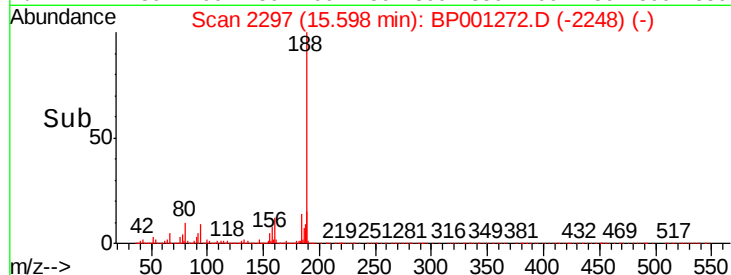
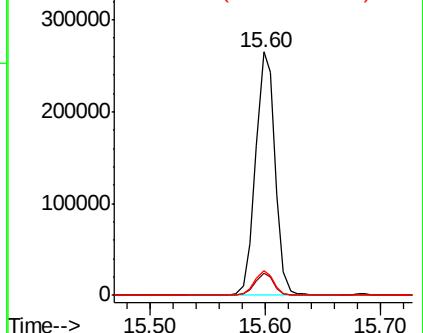
80 10.3 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

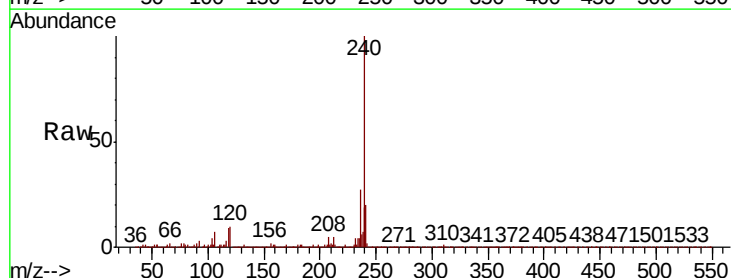
Tgt Ion:240 Resp: 238575

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

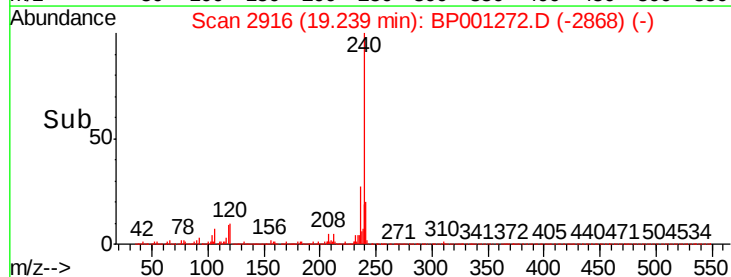
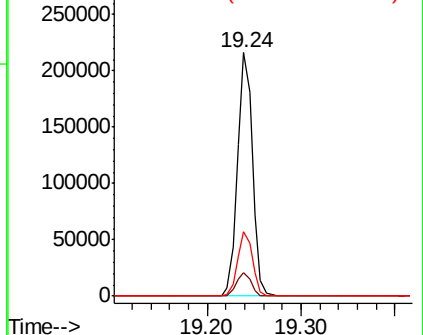
236 26.5 21.7 32.5

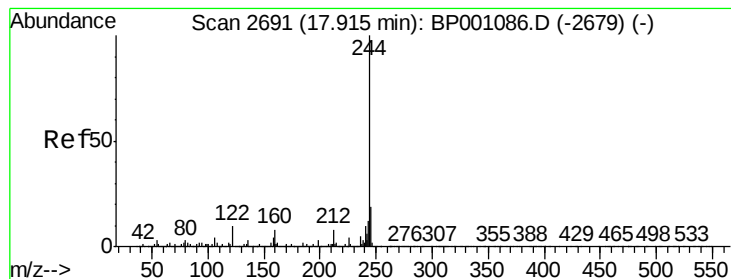


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.051 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

Instrument :

BNA_P

ClientSampleId :

RPC-BOT-W

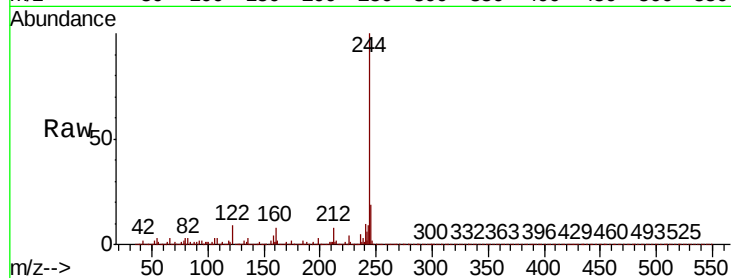
Tot Ion:244 Resp: 735684

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

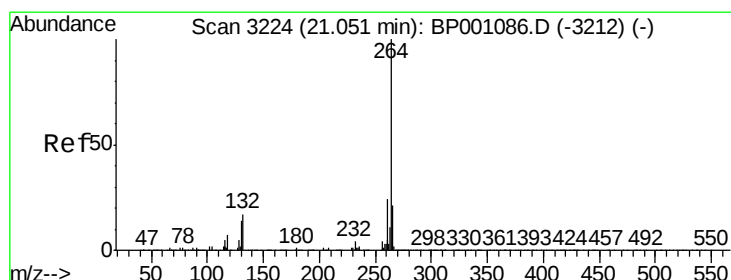
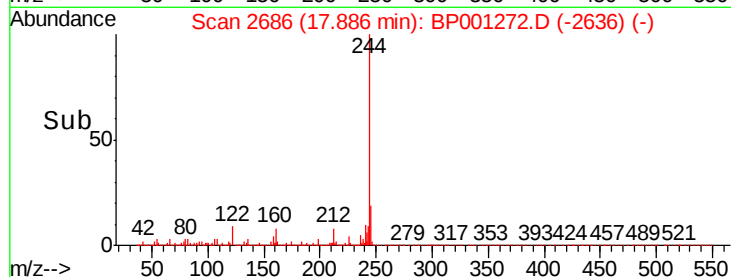
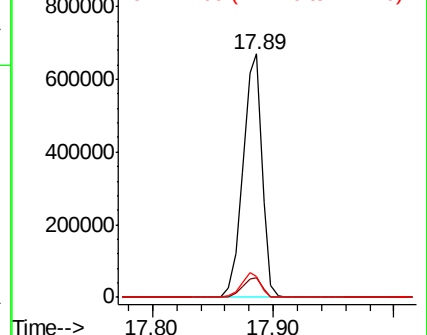
122 8.7 9.2 13.8#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001272.D

Acq: 09 Dec 2019 16:18

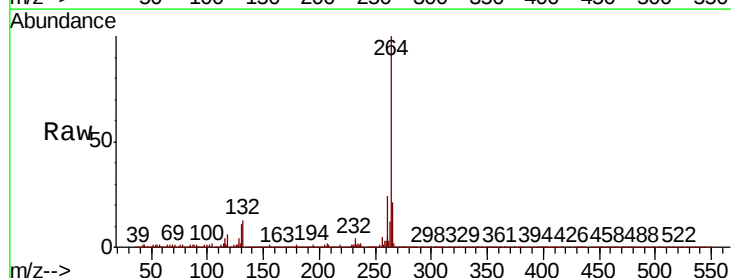
Tgt Ion:264 Resp: 252057

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.4 17.1 25.7



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

