

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001436.D
 Acq On : 26 Dec 2019 22:25
 Operator : JU
 Sample : K6437-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GP-5-(6-8)

Quant Time: Dec 27 08:38:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

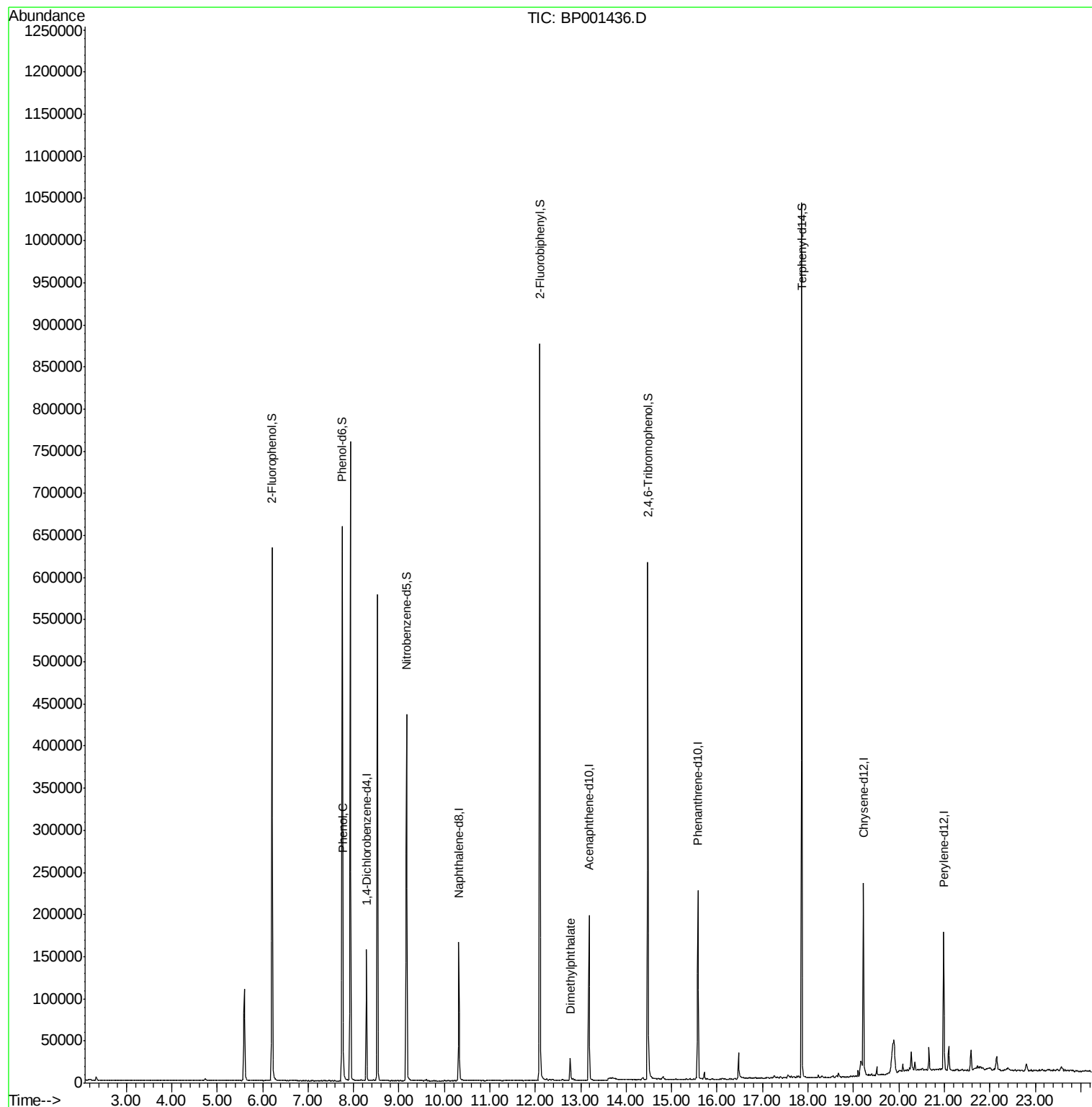
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25266	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	91513	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	55036	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	104277	20.00	ng	0.00
76) Chrysene-d12	19.22	240	81944	20.00	ng	0.00
87) Perylene-d12	20.99	264	84512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	189443	121.18	ng	0.01
7) Phenol-d6	7.75	99	259122	127.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	176399	74.02	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	84033	122.13	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	330279	75.88	ng	0.00
79) Terphenyl-d14	17.86	244	381165	79.67	ng	0.00
Target Compounds						
10) Phenol	7.77	94	7315	3.138	ng	85
50) Dimethylphthalate	12.77	163	14259	3.158	ng	98

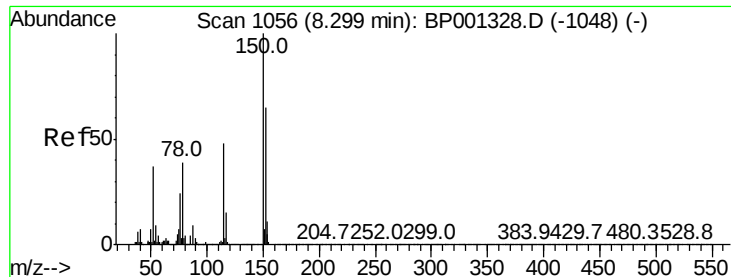
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

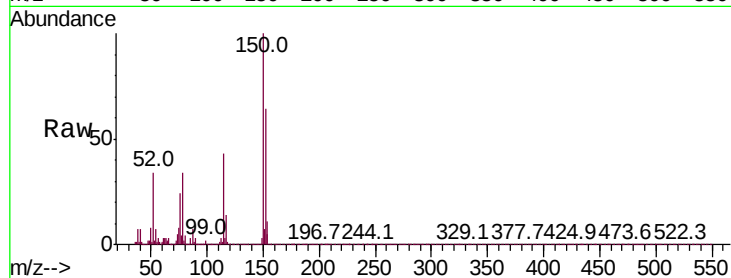
Tot Ion:152 Resp: 25266

Ion Ratio Lower Upper

152 100

150 157.1 127.0 190.6

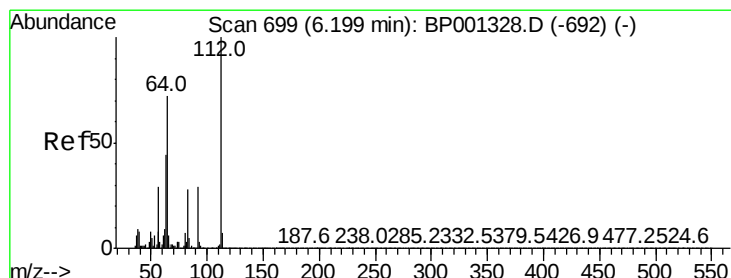
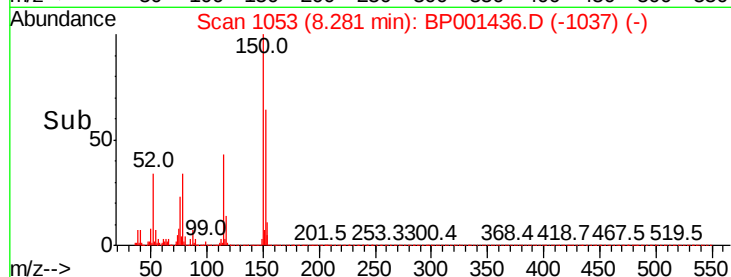
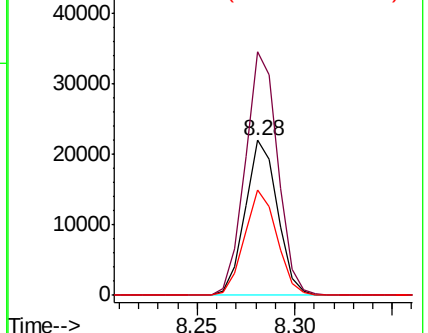
115 67.6 56.1 84.1



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: 121.181 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

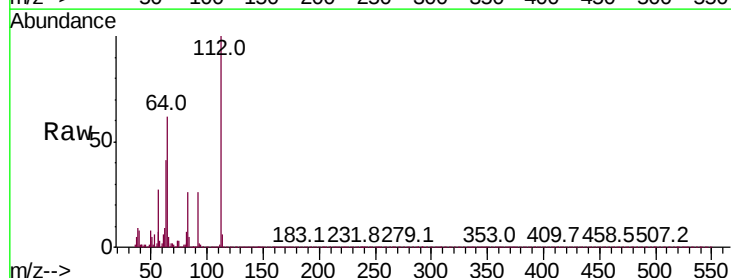
Tgt Ion:112 Resp: 189443

Ion Ratio Lower Upper

112 100

64 61.8 53.9 80.9

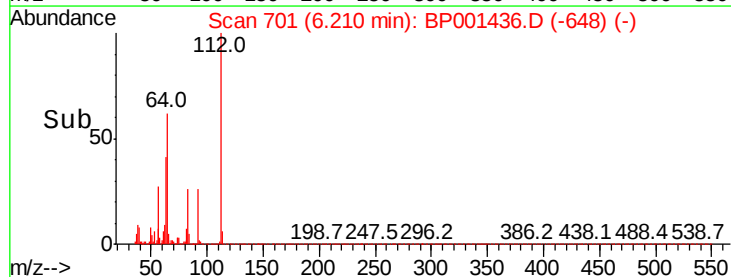
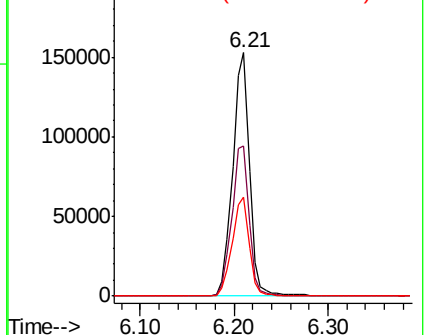
63 40.6 33.4 50.0

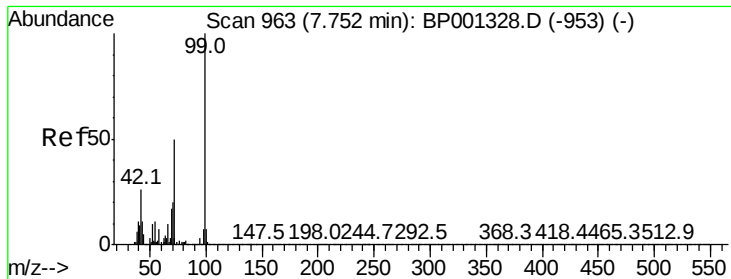


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 127.026 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

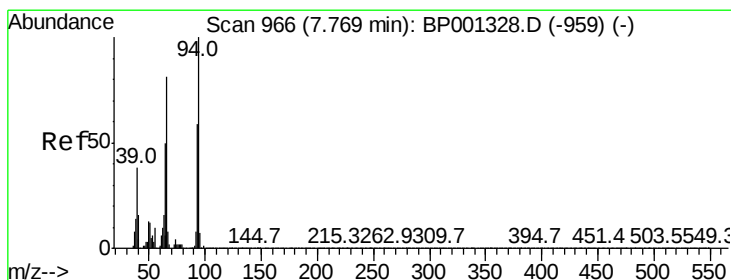
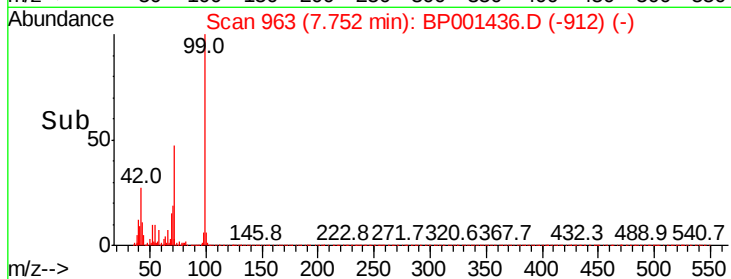
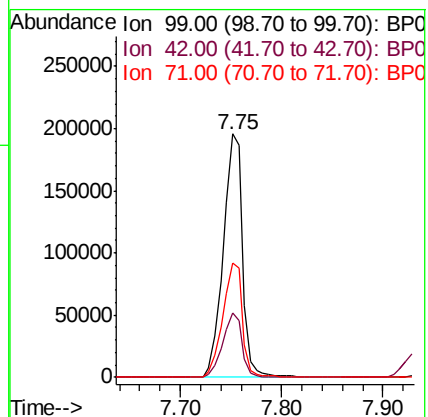
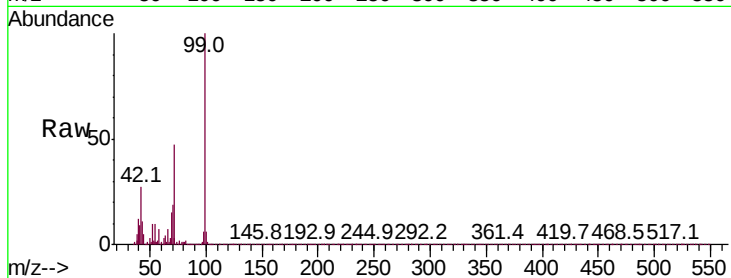
Tot Ion: 99 Resp: 259122

Ion Ratio Lower Upper

99 100

42 26.5 20.8 31.2

71 47.2 38.2 57.4



#10

Phenol

Concen: 3.138 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

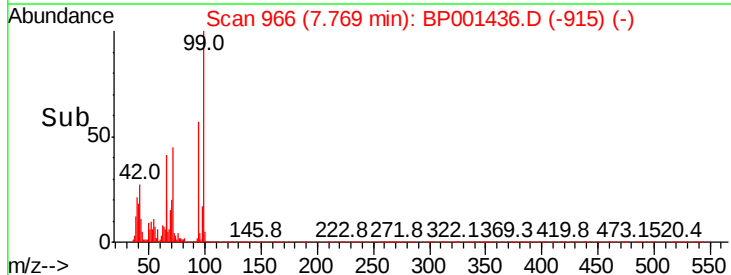
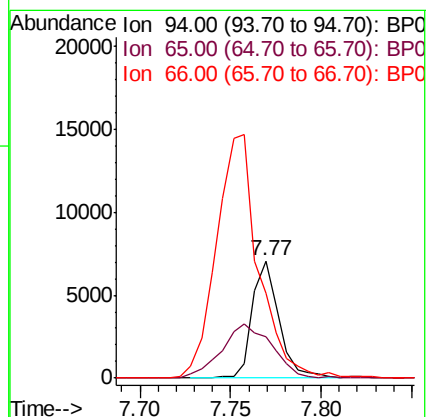
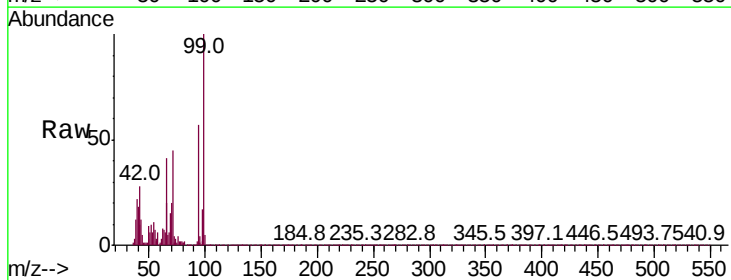
Tgt Ion: 94 Resp: 7315

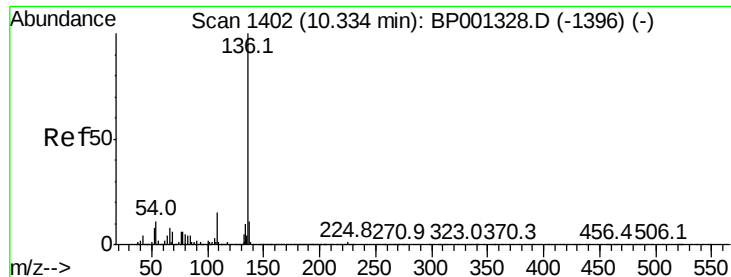
Ion Ratio Lower Upper

94 100

65 35.2 29.6 69.6

66 72.3 62.3 102.3

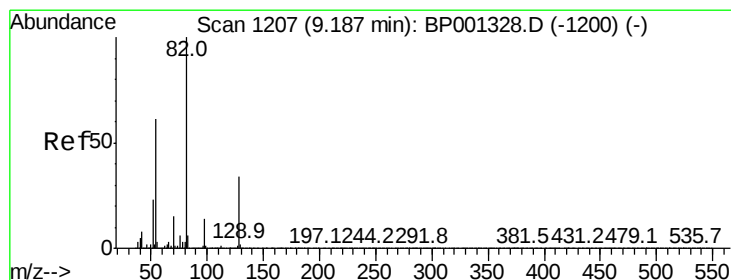
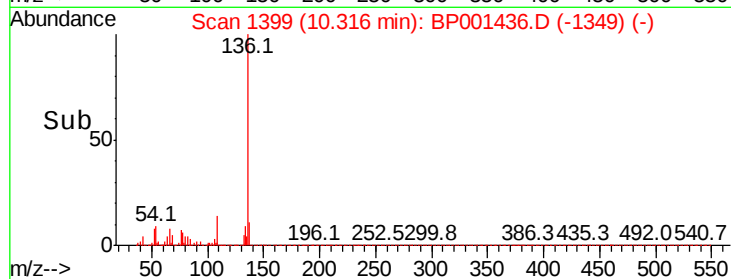
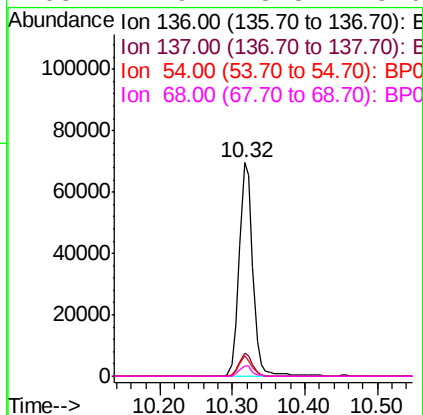
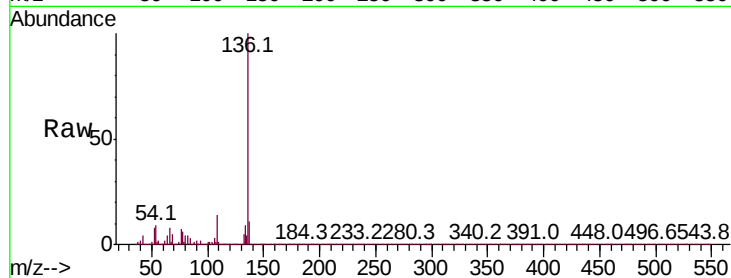




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

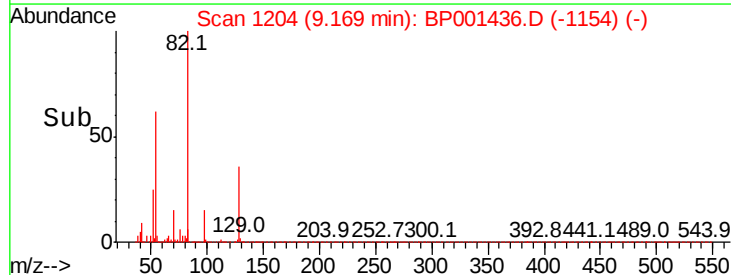
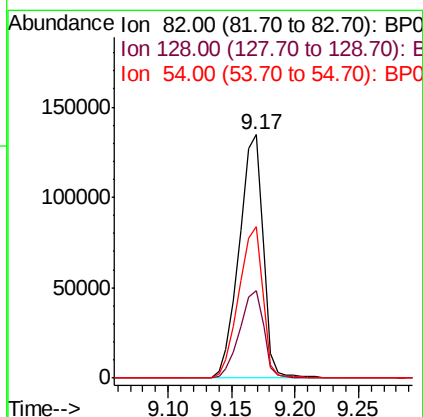
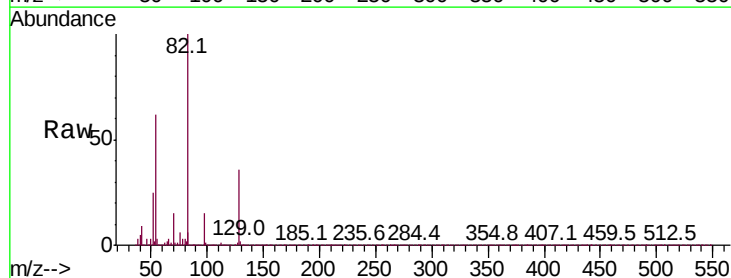
Instrument :
BNA_P
ClientSampleId :
GP-5-(6-8)

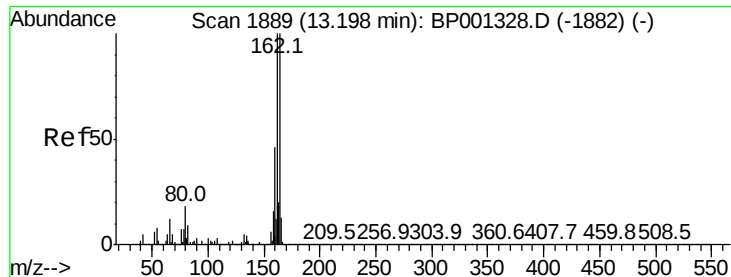
Tot Ion:136	Resp:	91513
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	9.5	7.3 10.9
68	4.9	3.8 5.6



#23
Nitrobenzene-d5
Concen: 74.022 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

Tgt Ion: 82	Resp:	176399
Ion Ratio	Lower	Upper
82	100	
128	35.8	27.4 41.0
54	62.5	47.5 71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

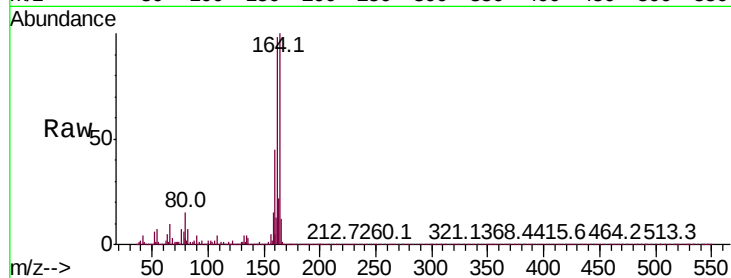
Tot Ion:164 Resp: 55036

Ion Ratio Lower Upper

164 100

162 98.3 78.2 117.4

160 44.9 35.1 52.7

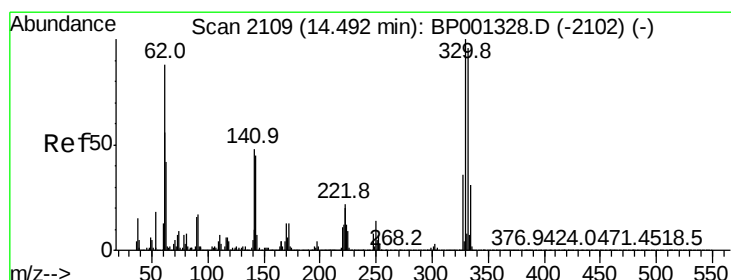
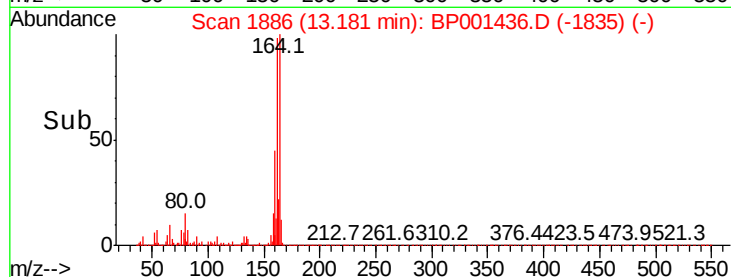
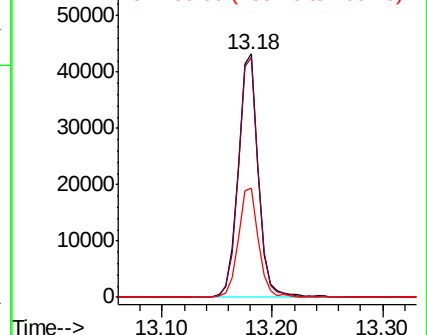


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 122.128 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

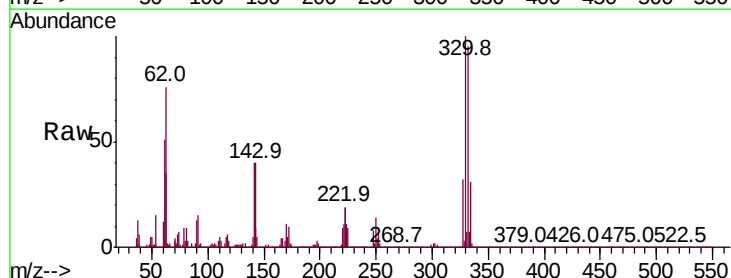
Tgt Ion:330 Resp: 84033

Ion Ratio Lower Upper

330 100

332 97.0 78.3 117.5

141 40.1 26.8 40.2

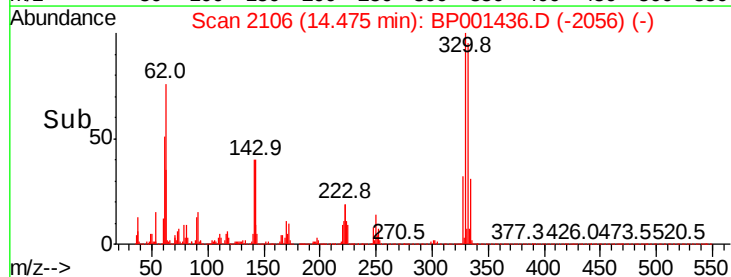
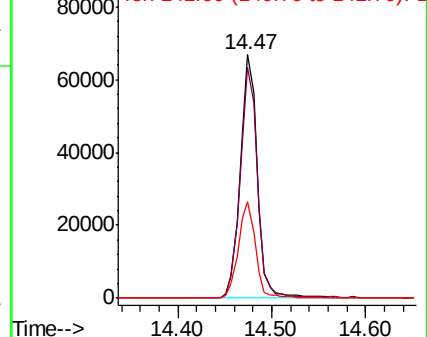


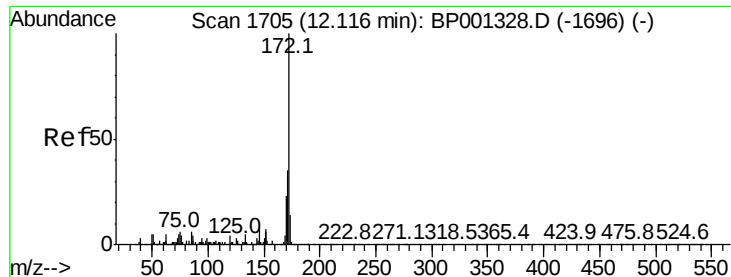
Abundance

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

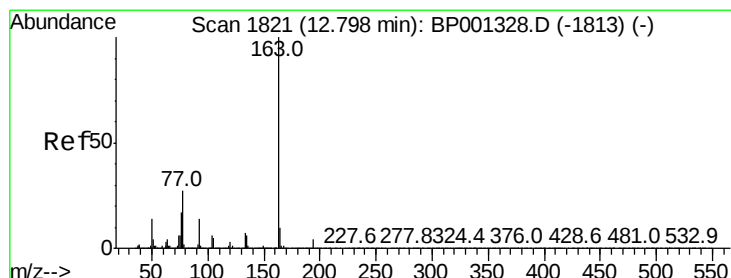
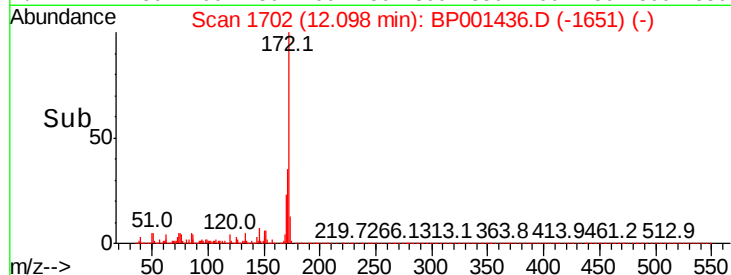
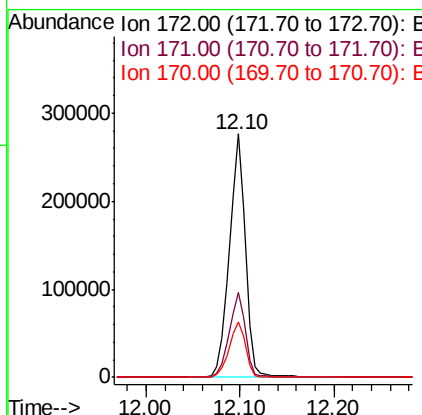
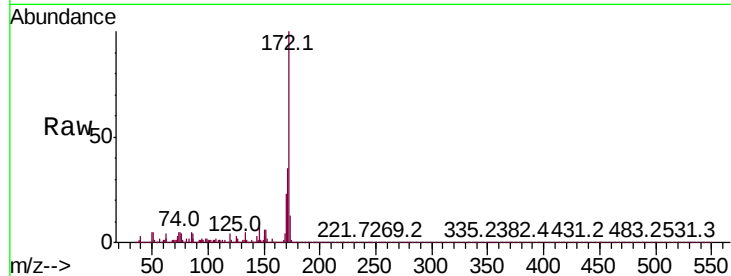




#45
2-Fluorobiphenyl
Concen: 75.884 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

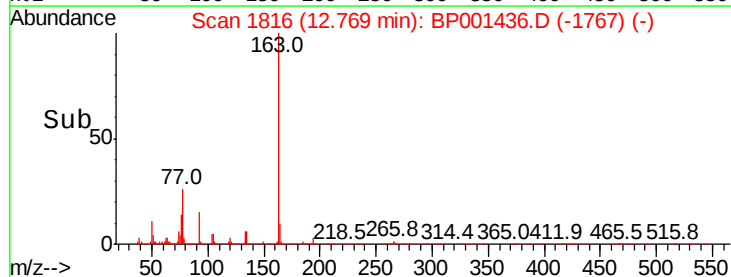
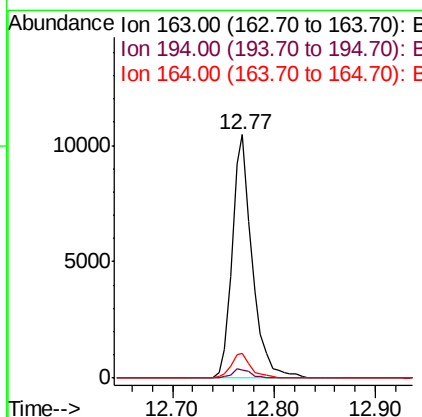
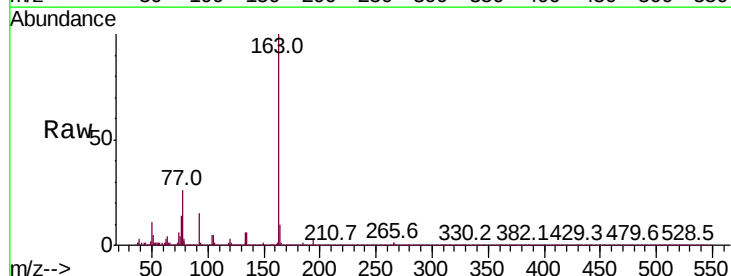
Instrument :
BNA_P
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GP-5-(6-8)

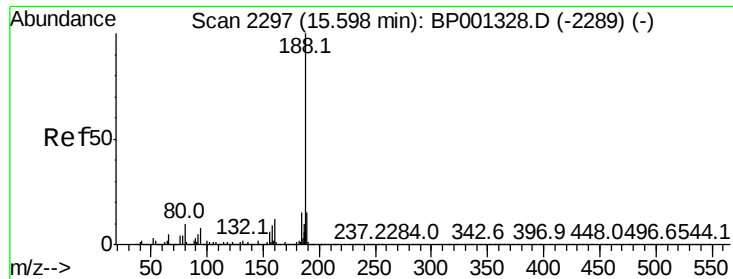
Tot Ion:172 Resp: 330279
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 22.9 18.2 27.4



#50
Dimethylphthalate
Concen: 3.158 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

Tgt Ion:163 Resp: 14259
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.2 7.7 11.5

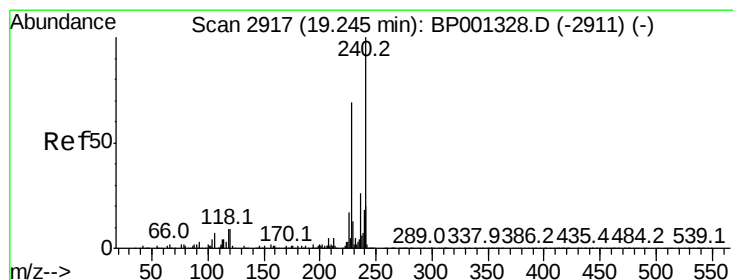
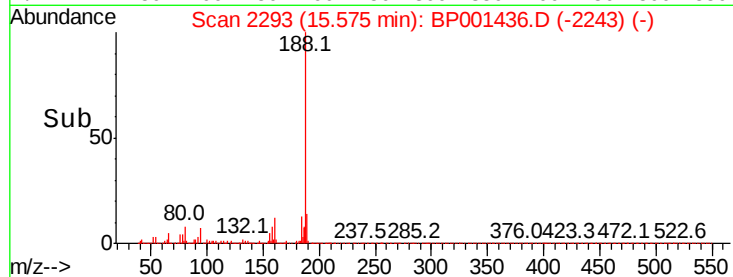
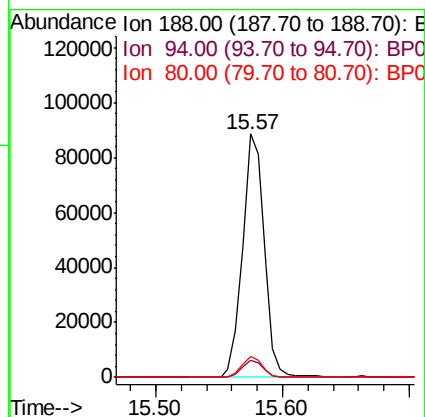
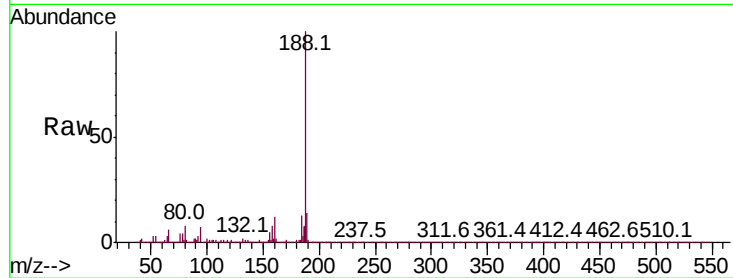




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

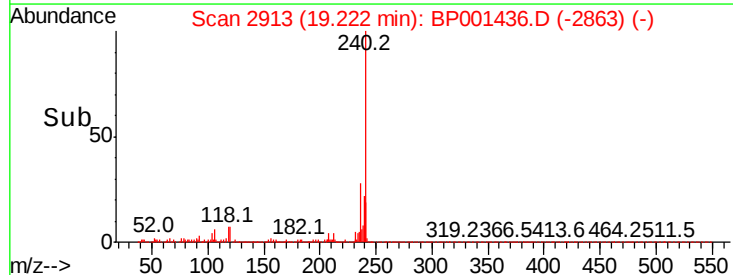
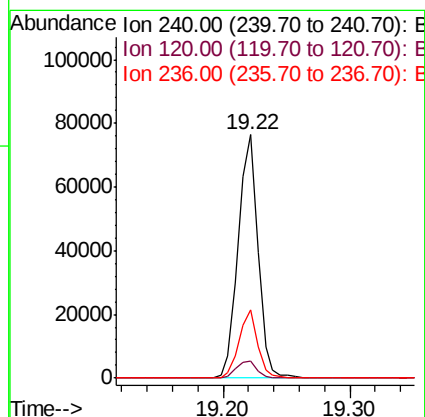
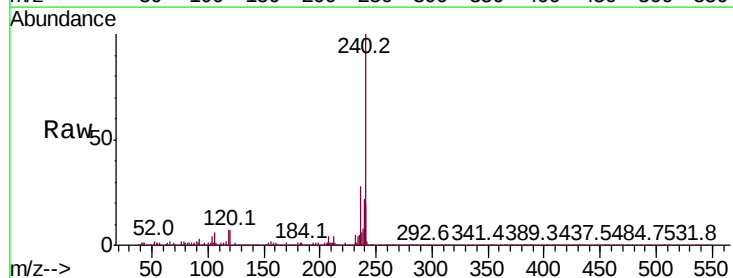
Instrument :
BNA_P
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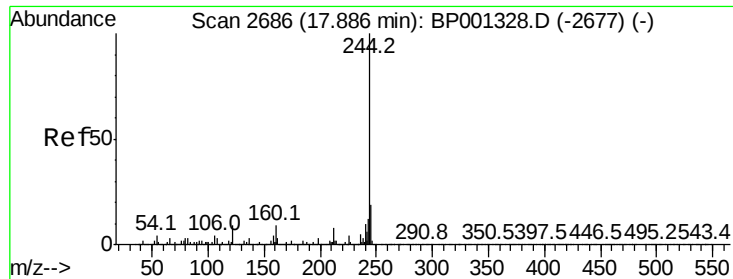
Tot Ion:188 Resp: 104277
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 8.4 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001436.D
Acq: 26 Dec 2019 22:25

Tgt Ion:240 Resp: 81944
Ion Ratio Lower Upper
240 100
120 6.7 6.2 9.2
236 28.1 20.2 30.2





#79

Terphenyl-d14

Concen: 79.670 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

Instrument :

BNA_P

ClientSampleId :

GP-5-(6-8)

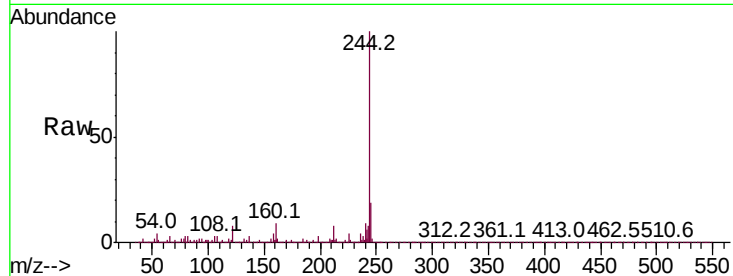
Tot Ion:244 Resp: 381165

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

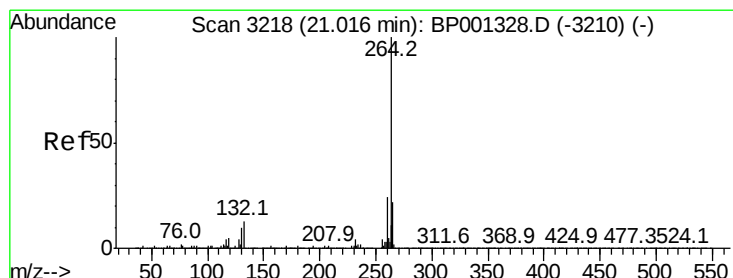
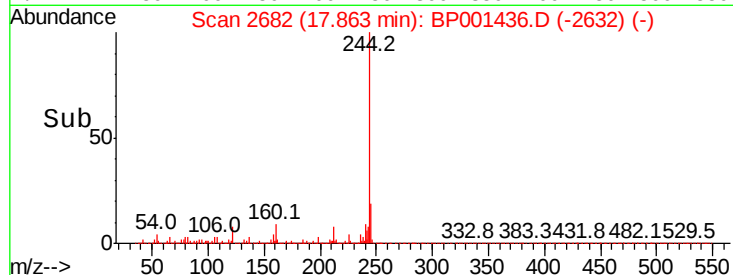
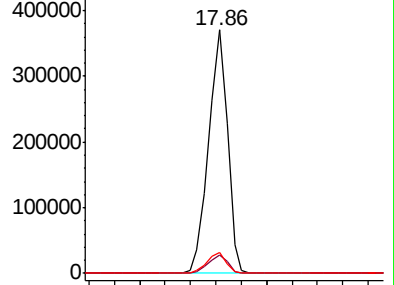
122 8.5 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001436.D

Acq: 26 Dec 2019 22:25

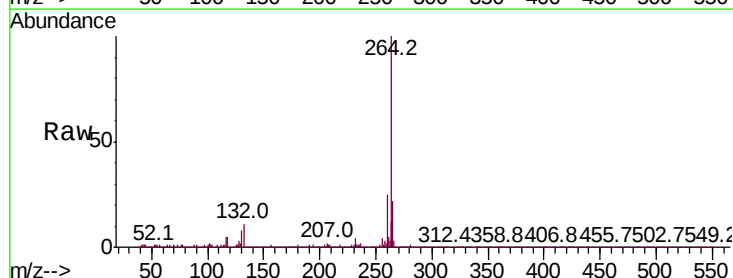
Tgt Ion:264 Resp: 84512

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 22.4 17.0 25.4



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

