

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000644.D
 Acq On : 11 Oct 2019 20:22
 Operator : JU
 Sample : K5298-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7

Quant Time: Oct 12 00:02:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

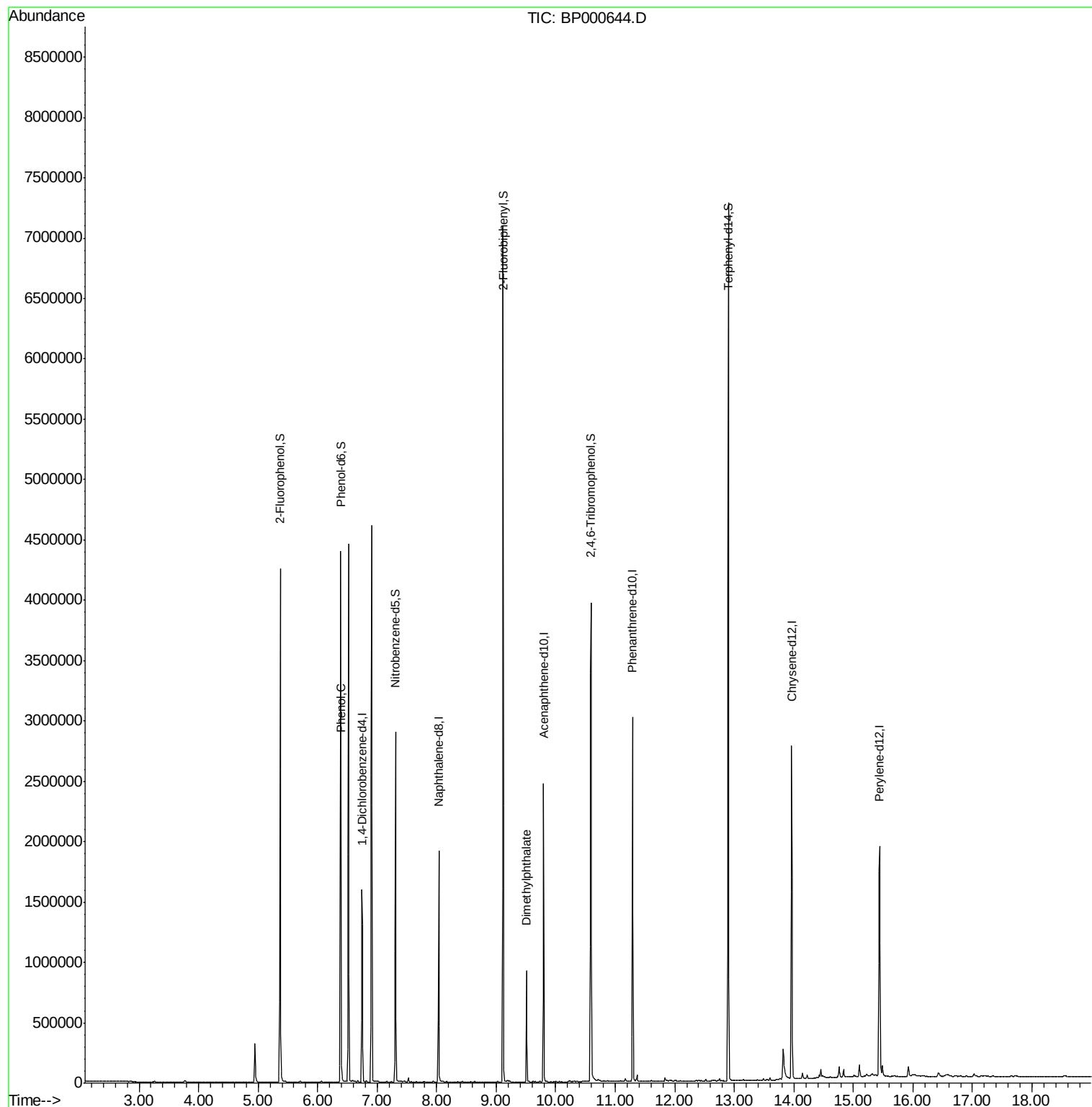
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	243396	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	909908	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	517865	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	982184	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	823586	20.00	ng	-0.02
87) Perylene-d12	15.44	264	864756	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1304415	86.15	ng	-0.02
7) Phenol-d6	6.39	99	1699178	93.12	ng	-0.02
23) Nitrobenzene-d5	7.31	82	947673	63.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	500662	90.72	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2092373	65.37	ng	-0.02
79) Terphenyl-d14	12.90	244	2580704	63.44	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	86928	4.653	ng	91
50) Dimethylphthalate	9.51	163	330777	9.192	ng	100

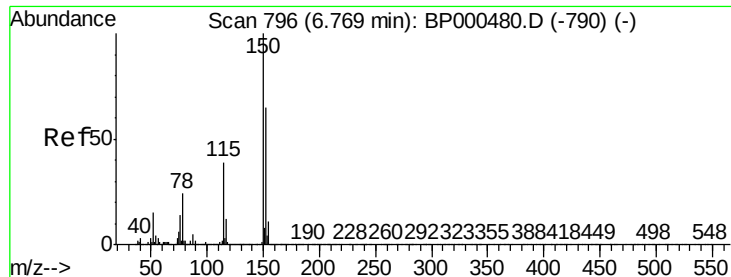
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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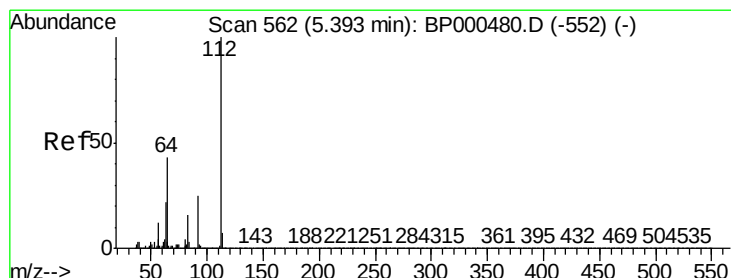
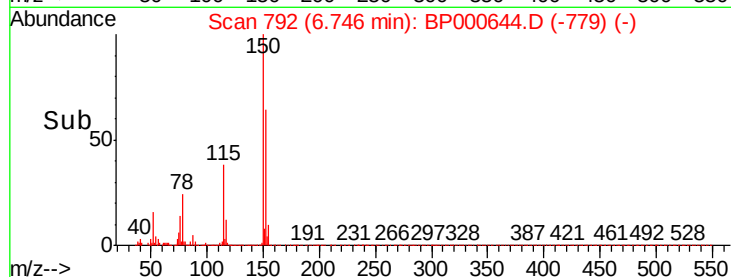
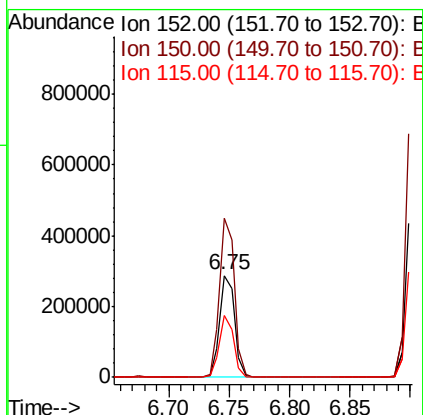
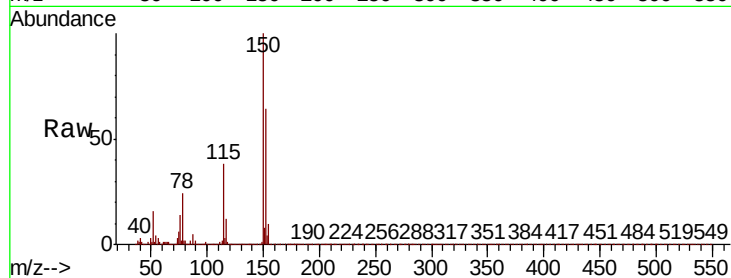


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampled :
TP-7

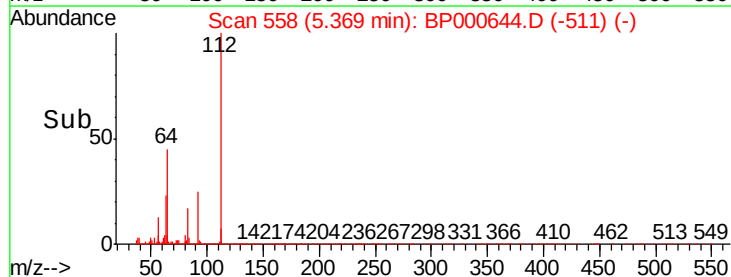
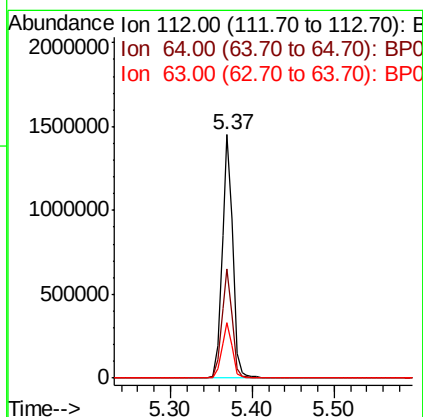
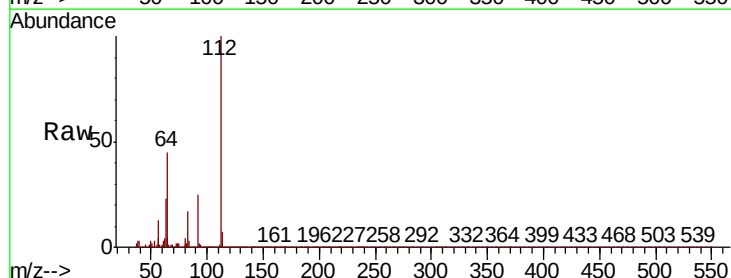
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.1	186.1
115	60.2	48.7	73.1

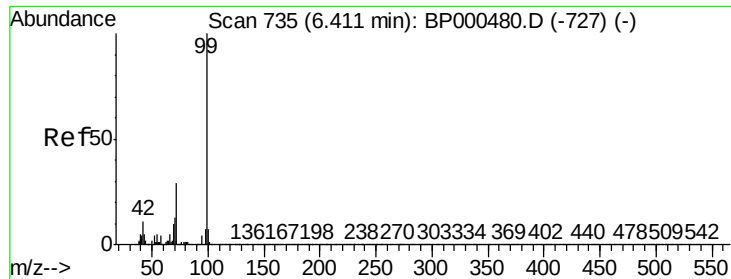


#5

2-Fluorophenol
Concen: 86.147 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 93.123 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

Instrument :

BNA_P

ClientSampled :

TP-7

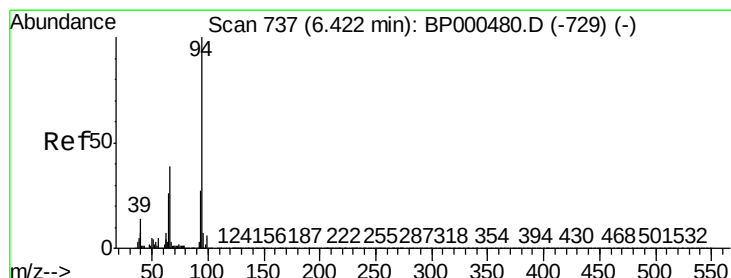
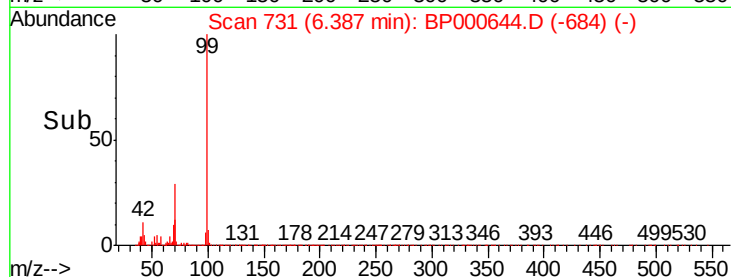
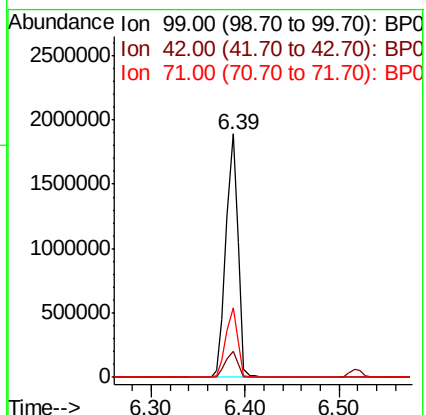
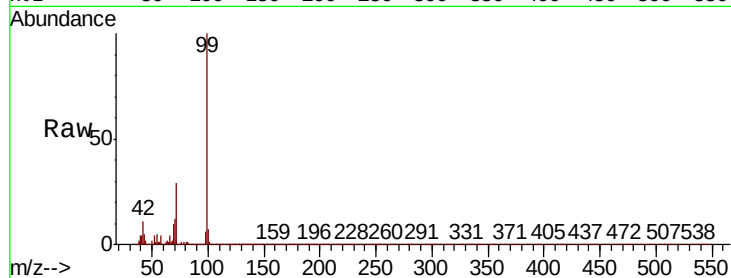
Tot Ion: 99 Resp: 1699178

Ion Ratio Lower Upper

99 100

42 10.7 8.6 12.8

71 28.6 23.0 34.4



#10

Phenol

Concen: 4.653 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

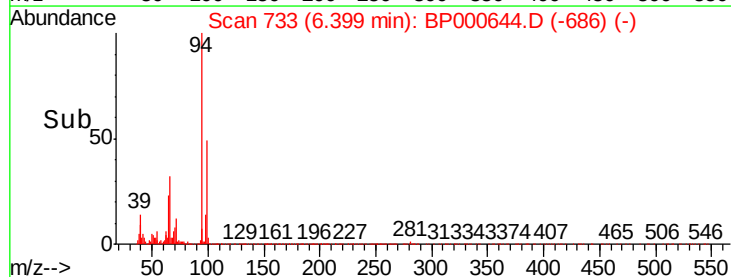
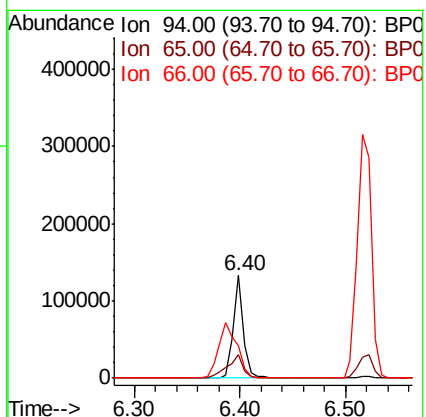
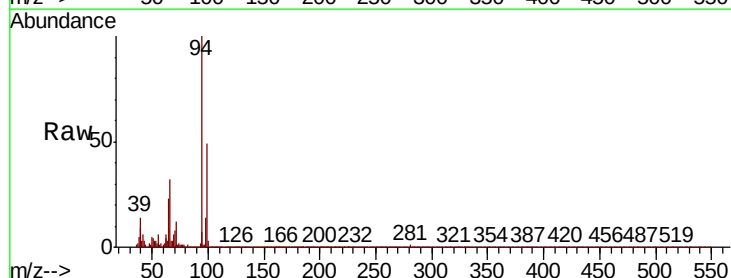
Tgt Ion: 94 Resp: 86928

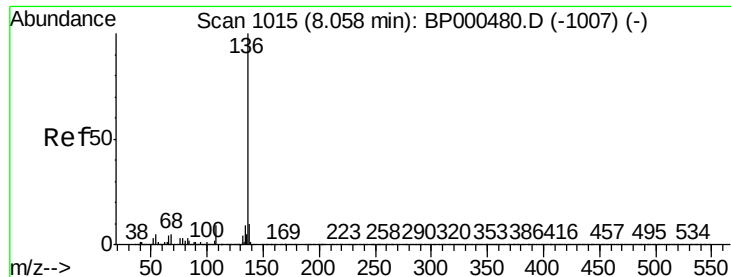
Ion Ratio Lower Upper

94 100

65 22.8 5.9 45.9

66 31.9 18.8 58.8

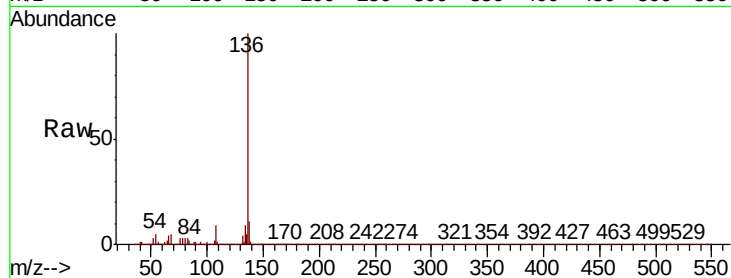




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :
TP-7

Tot Ion:136	Resp:	909908
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.4
54	5.1	4.1 6.1
68	5.2	4.1 6.1



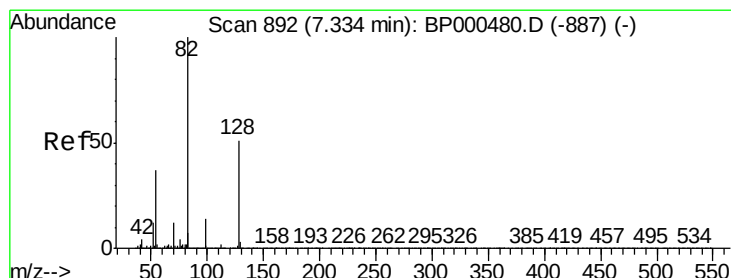
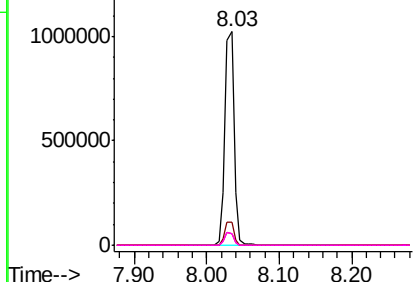
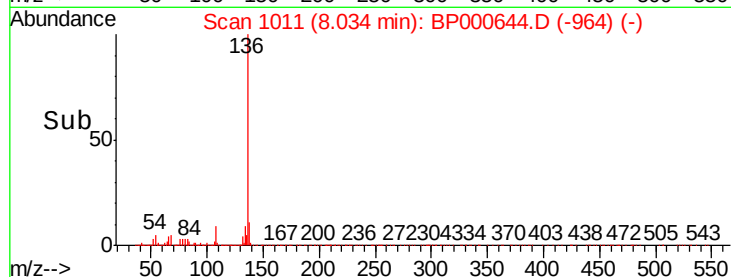
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

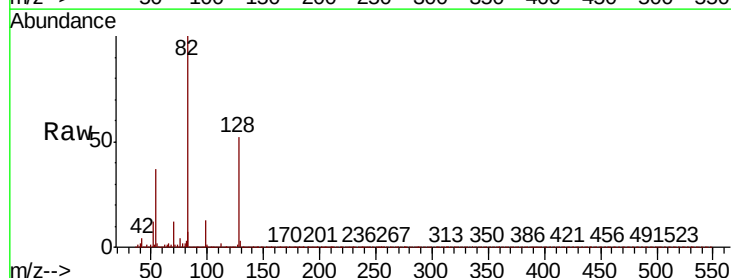
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23
Nitrobenzene-d5
Concen: 63.610 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion: 82	Resp:	947673
Ion Ratio	Lower	Upper
82	100	
128	52.5	40.9 61.3
54	36.8	29.4 44.2

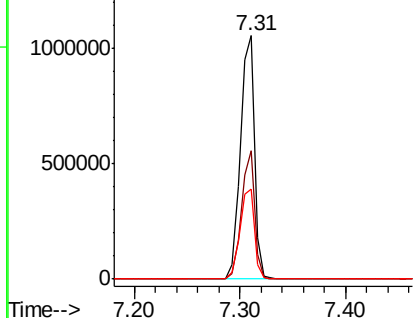
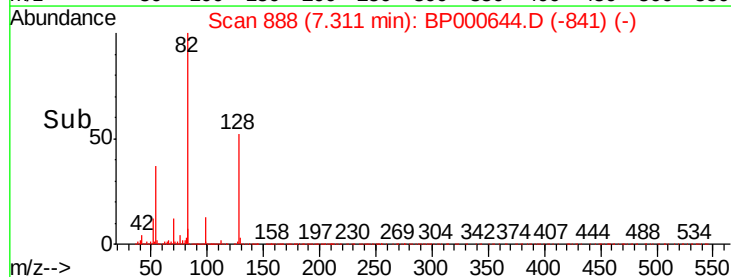


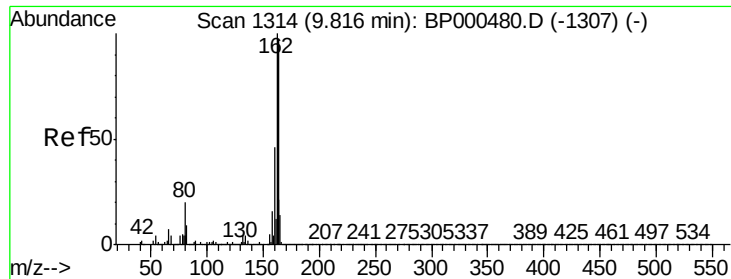
Abundance

Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

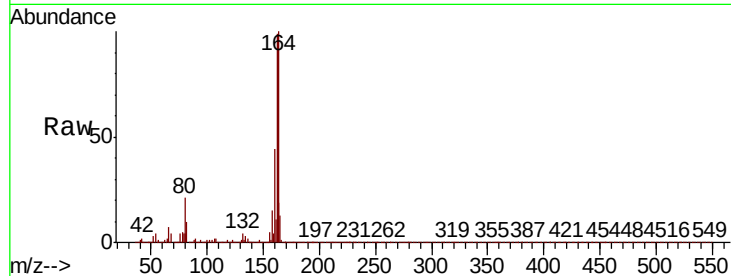




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Instrument :
BNA_P
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	44.0	37.6	56.4

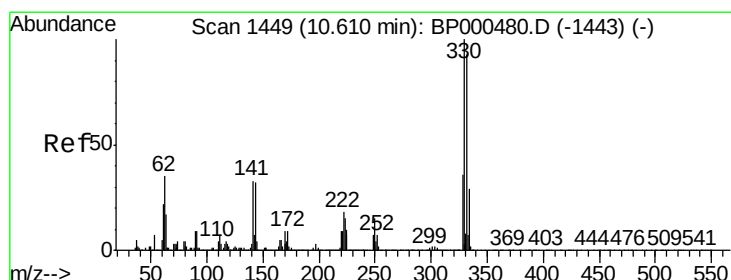
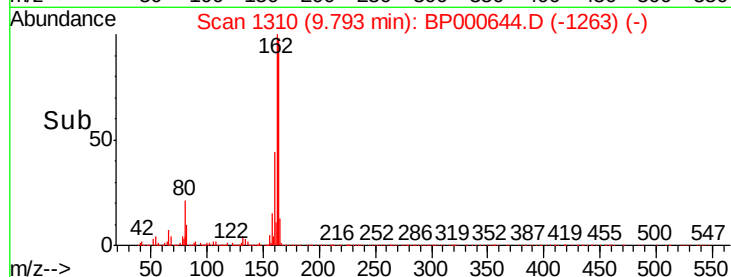
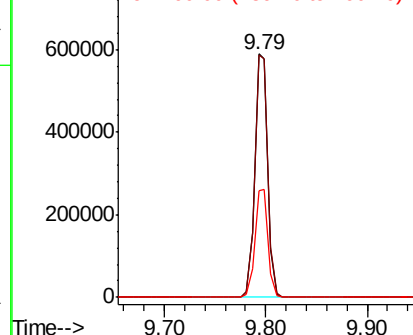


Abundance

Ion 164.00 (163.70 to 164.70): E

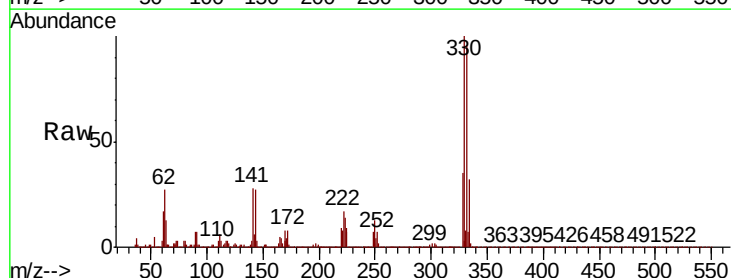
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 90.725 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	32.6	26.0	39.0

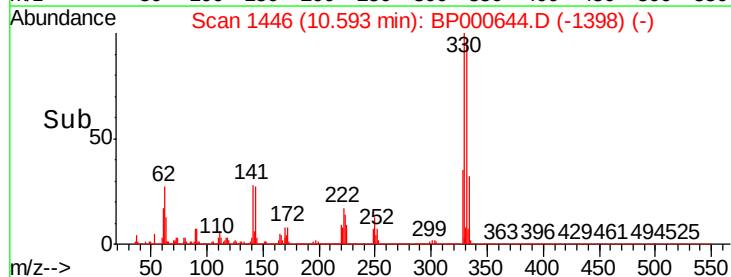
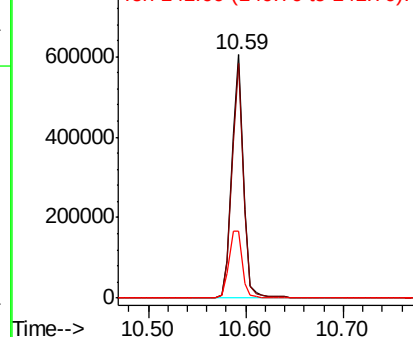


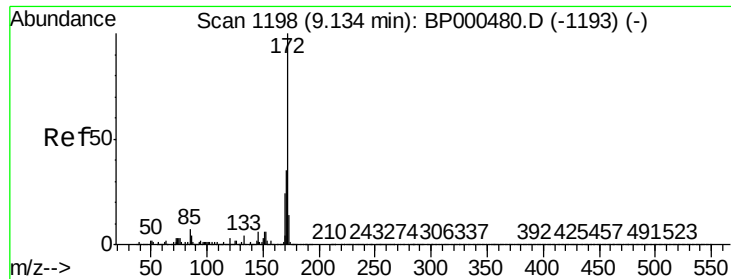
Abundance

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

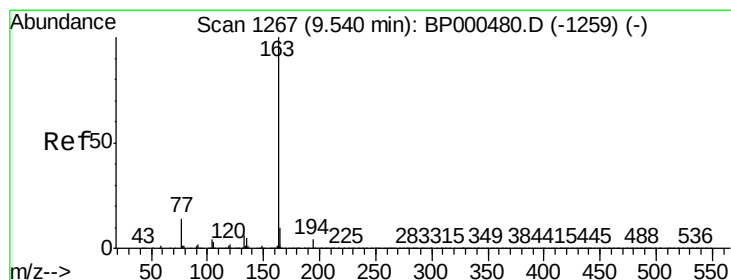
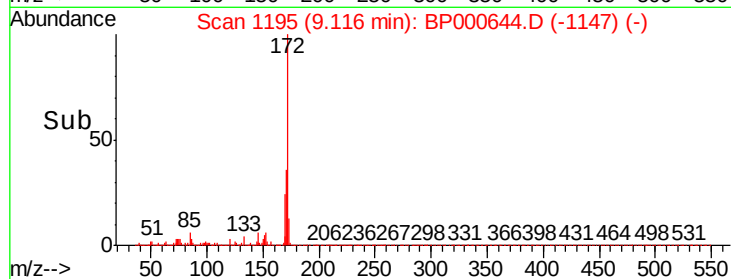
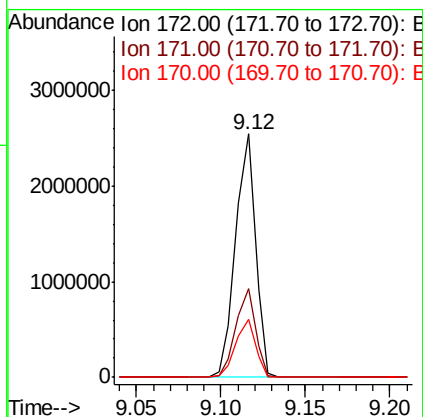
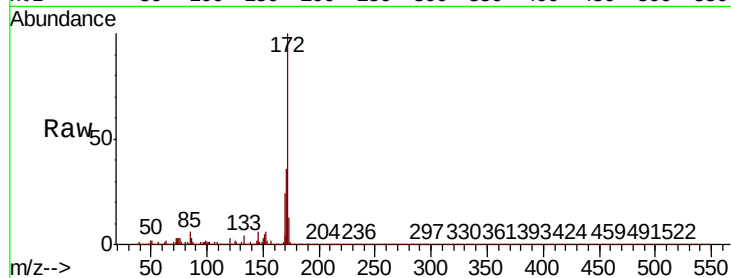




#45
2-Fluorobiphenyl
Concen: 65.373 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

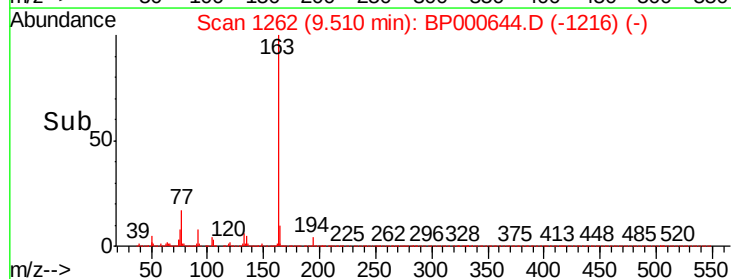
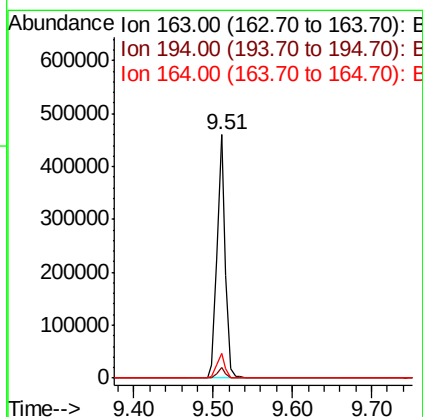
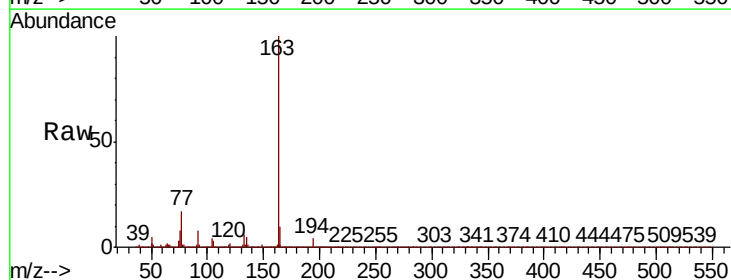
Instrument :
BNA_P
ClientSampleId :
TP-7

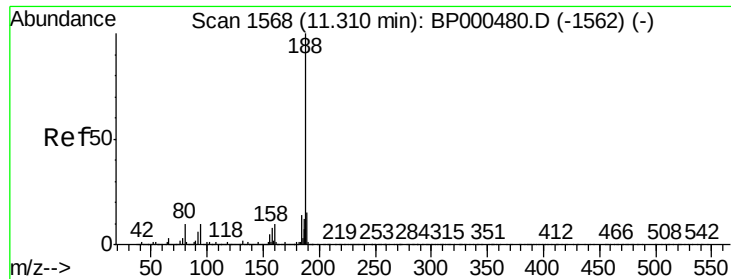
Tot Ion:172 Resp: 2092373
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.1 19.1 28.7



#50
Dimethylphthalate
Concen: 9.192 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000644.D
Acq: 11 Oct 2019 20:22

Tgt Ion:163 Resp: 330777
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

TP-7

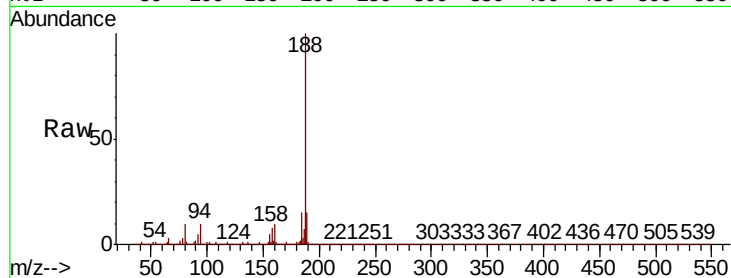
Tot Ion:188 Resp: 982184

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

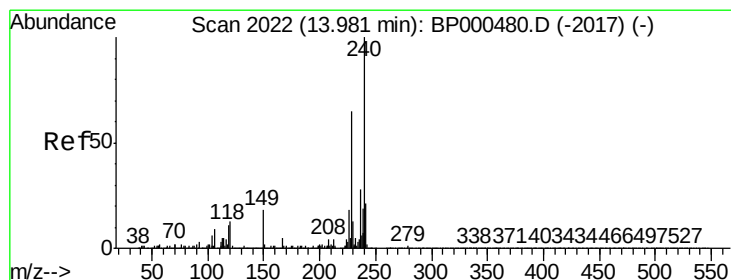
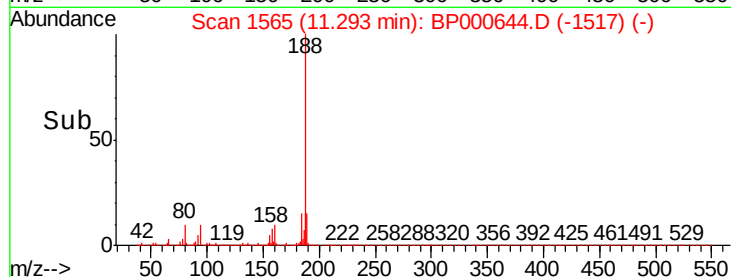
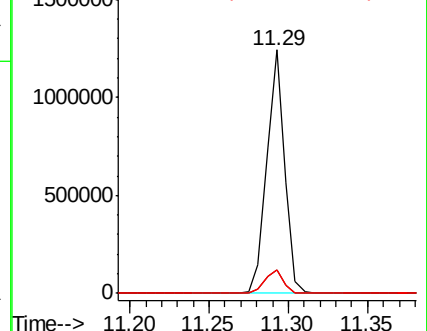
80 9.6 8.3 12.5



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

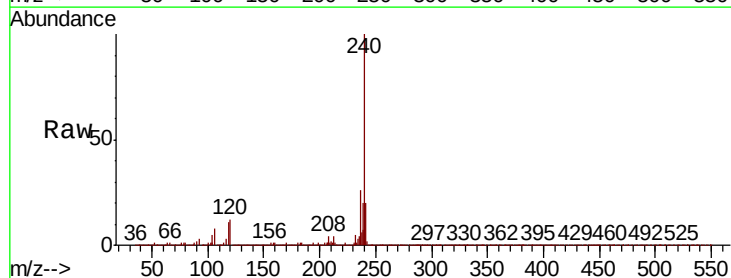
Tgt Ion:240 Resp: 823586

Ion Ratio Lower Upper

240 100

120 11.9 10.1 15.1

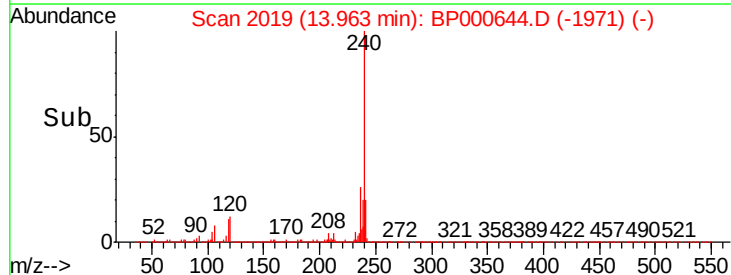
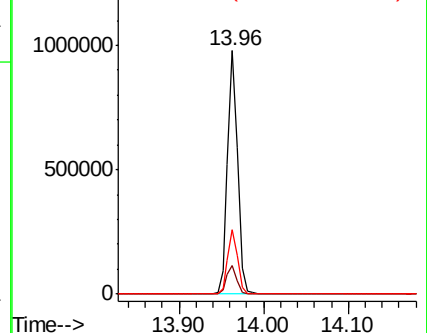
236 26.5 22.7 34.1

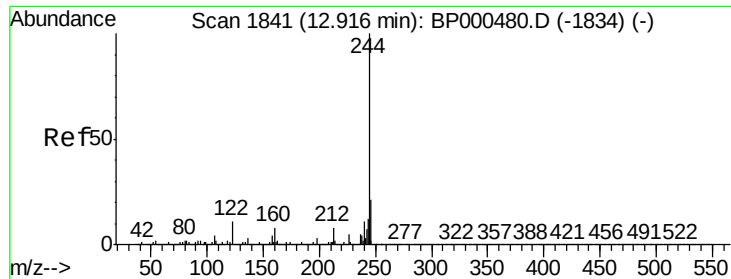


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.445 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

Instrument :

BNA_P

ClientSampleId :

TP-7

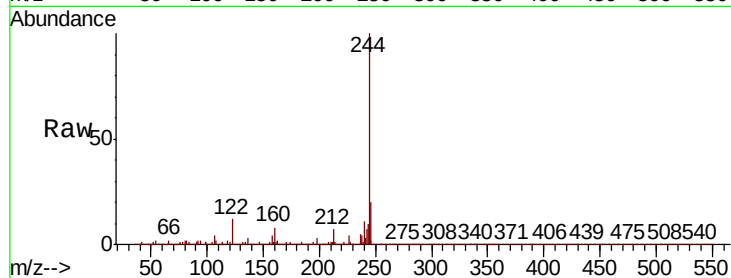
Tot Ion:244 Resp: 2580704

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

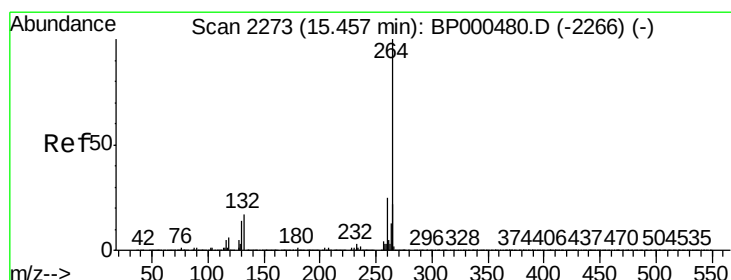
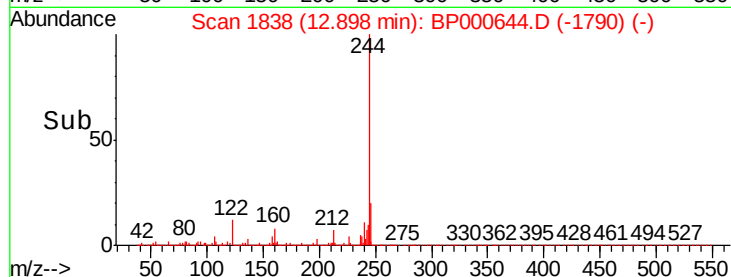
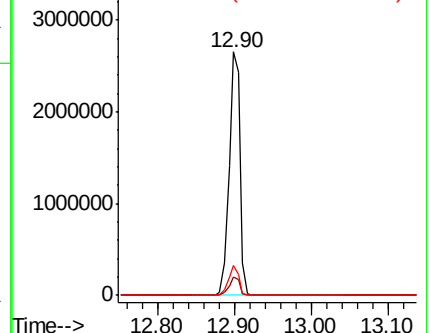
122 12.1 8.9 13.3



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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000644.D

Acq: 11 Oct 2019 20:22

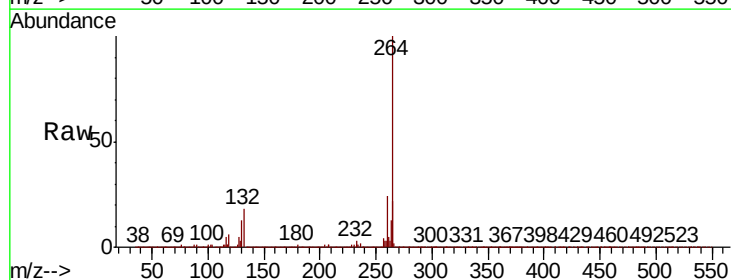
Tgt Ion:264 Resp: 864756

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 21.7 18.0 27.0



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

