

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001344.D
 Acq On : 20 Dec 2019 15:46
 Operator : JU
 Sample : K6300-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSI-BFD

Quant Time: Dec 20 23:43:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

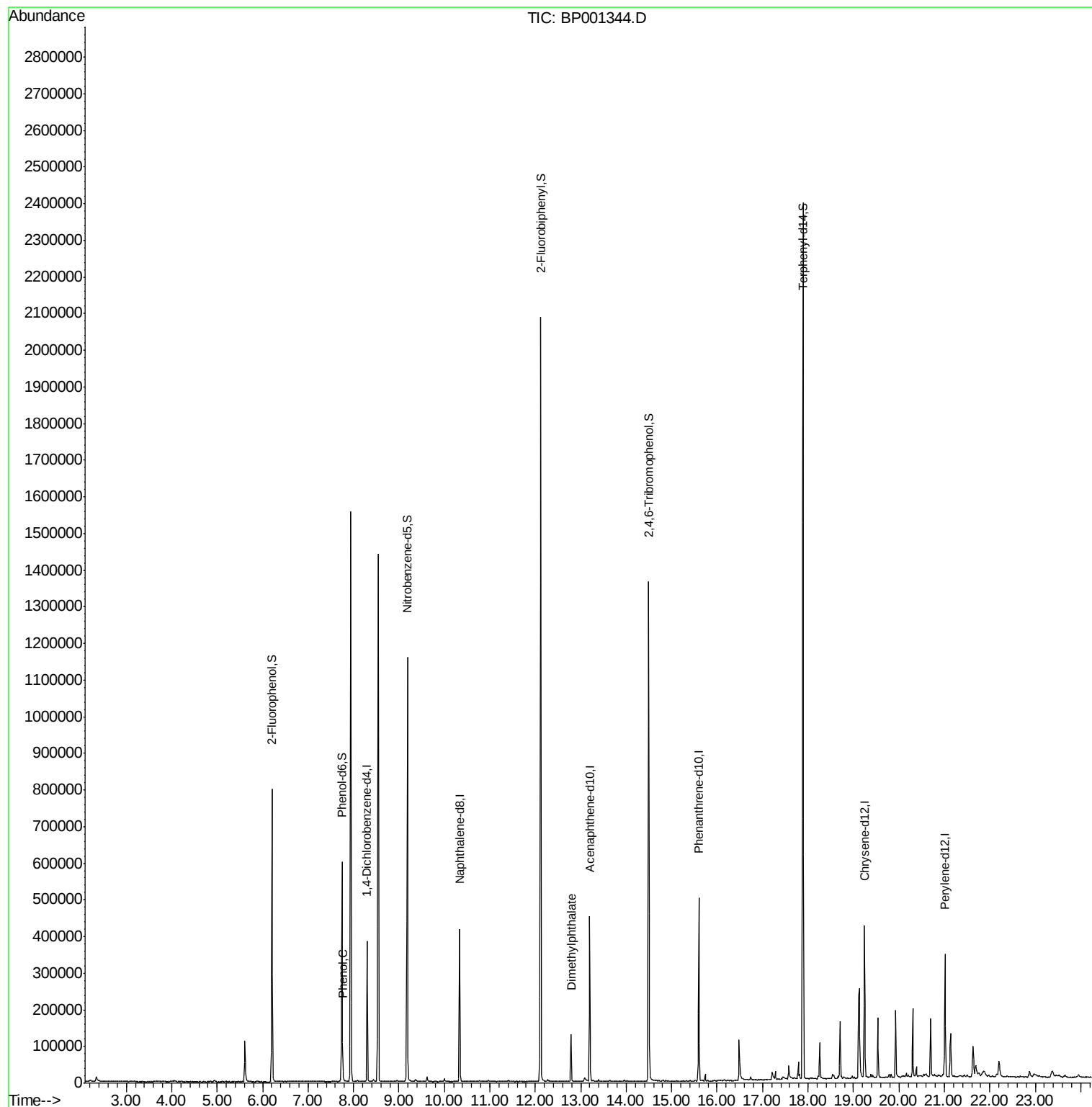
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	59188	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	204627	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	115204	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	216366	20.00	ng	0.00
76) Chrysene-d12	19.25	240	152852	20.00	ng	0.00
87) Perylene-d12	21.02	264	161914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	226953	61.97	ng	0.00
7) Phenol-d6	7.75	99	194745	40.75	ng	0.00
23) Nitrobenzene-d5	9.19	82	482552	90.56	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	183275	127.25	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	808713	88.76	ng	0.00
79) Terphenyl-d14	17.89	244	956114	107.14	ng	0.00
Target Compounds						
10) Phenol	7.76	94	13433	2.460	ng	Qvalue # 79
50) Dimethylphthalate	12.79	163	58762	6.217	ng	99

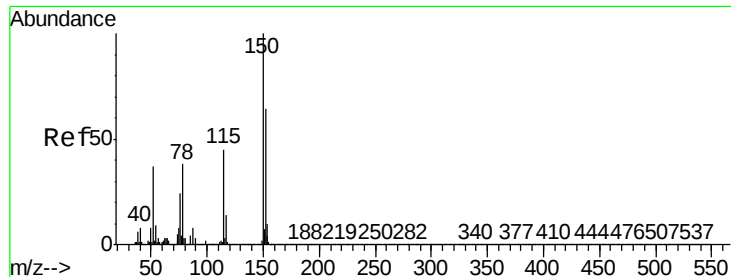
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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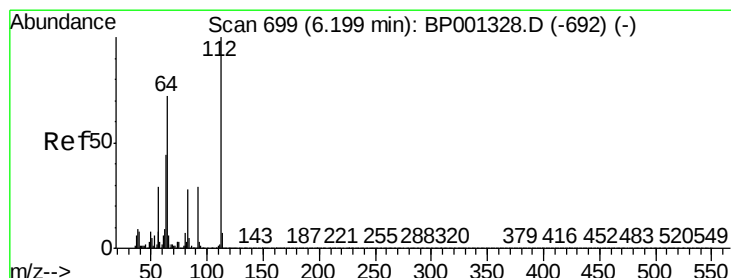
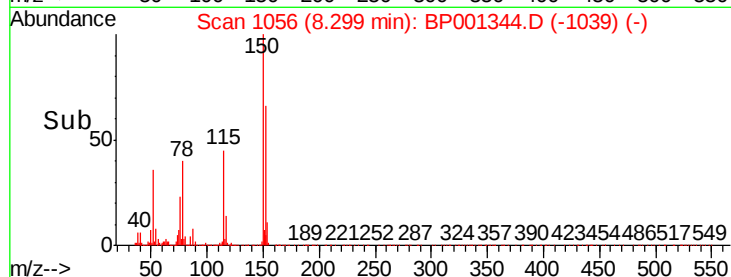
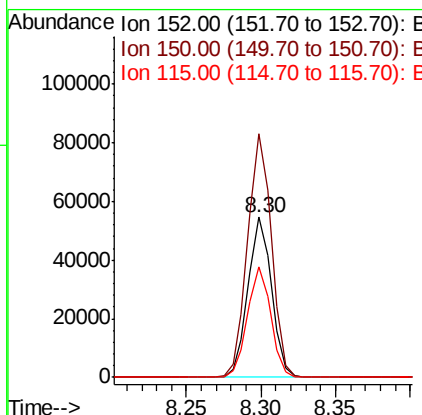
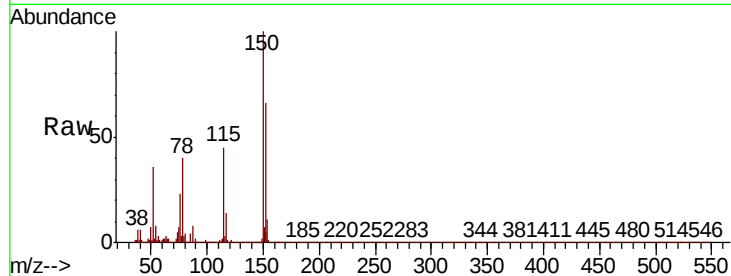




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

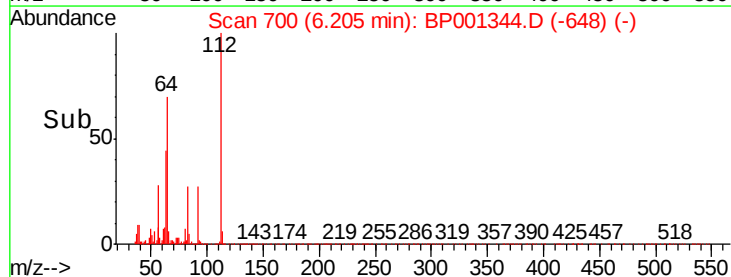
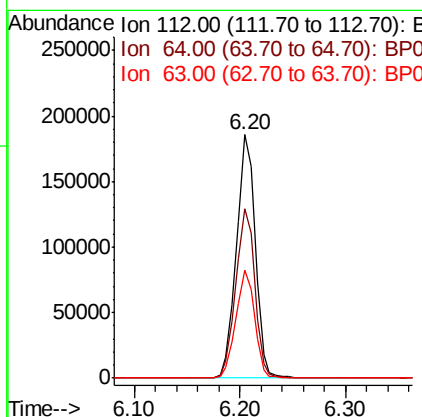
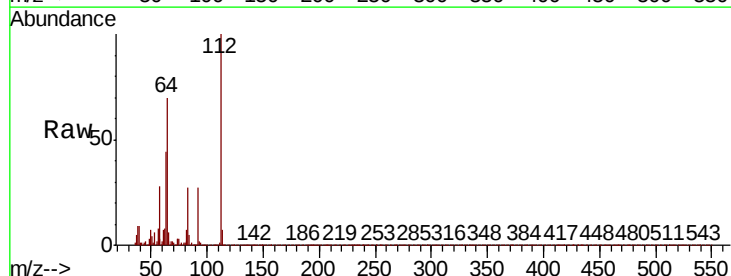
Instrument :
BNA_P
ClientSampled :
SSI-BFD

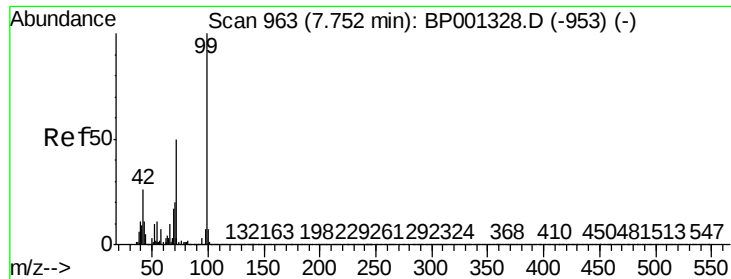
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.0	186.0
115	69.2	59.3	88.9



#5
2-Fluorophenol
Concen: 61.972 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.6	86.4
63	44.1	35.1	52.7





#7

Phenol-d6

Concen: 40.753 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

Instrument :

BNA_P

ClientSampleId :

SSI-BFD

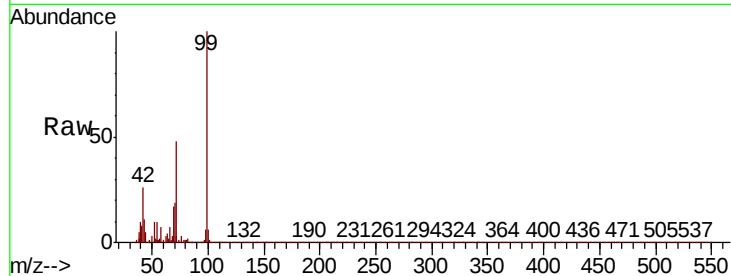
Tot Ion: 99 Resp: 194745

Ion Ratio Lower Upper

99 100

42 25.8 20.9 31.3

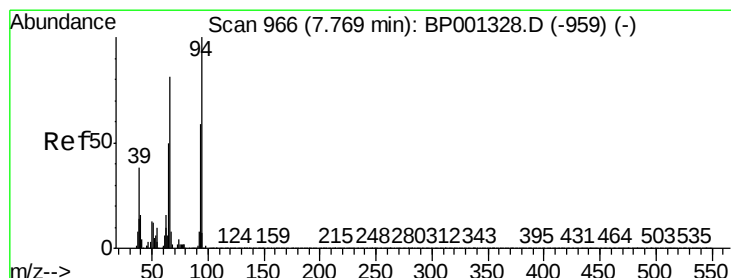
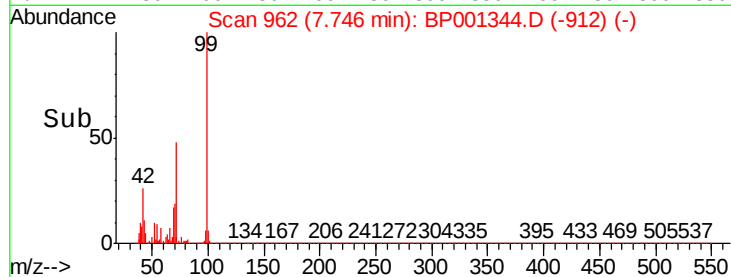
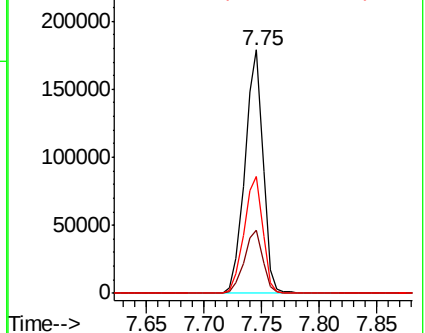
71 48.1 40.0 60.0



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



#10

Phenol

Concen: 2.460 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

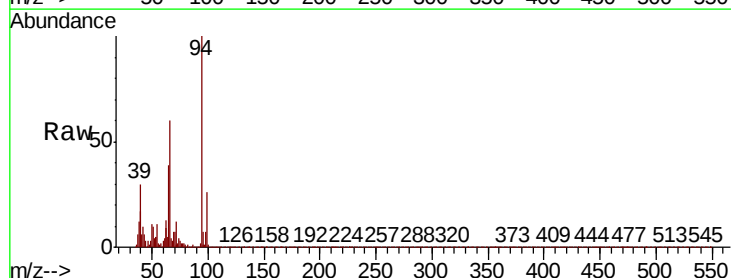
Tgt Ion: 94 Resp: 13433

Ion Ratio Lower Upper

94 100

65 38.8 30.4 70.4

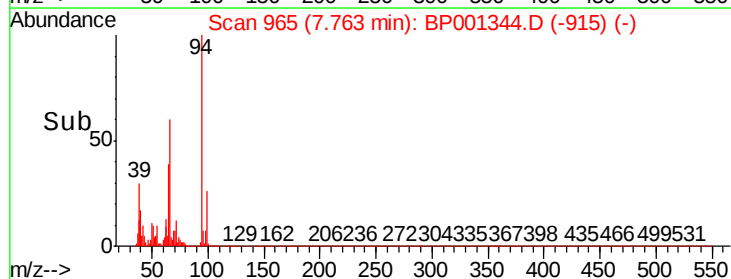
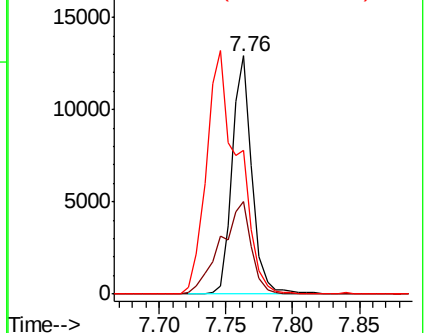
66 60.5 62.0 102.0#

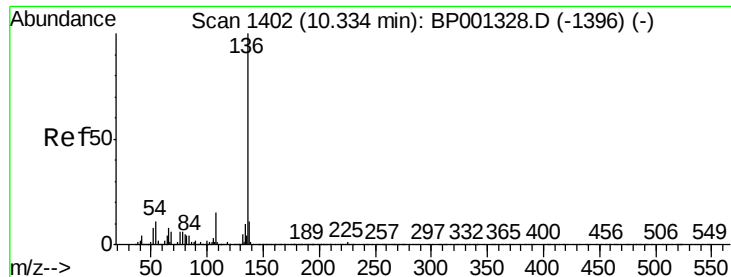


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

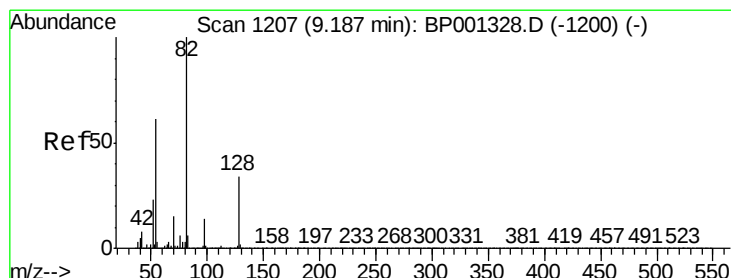
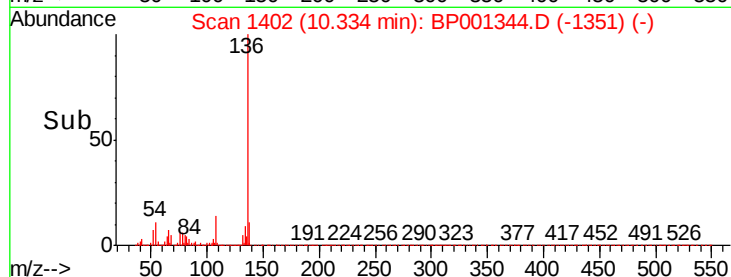
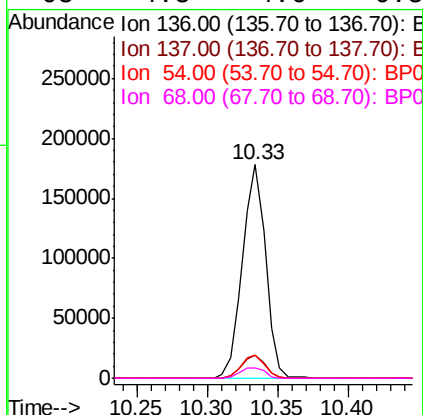
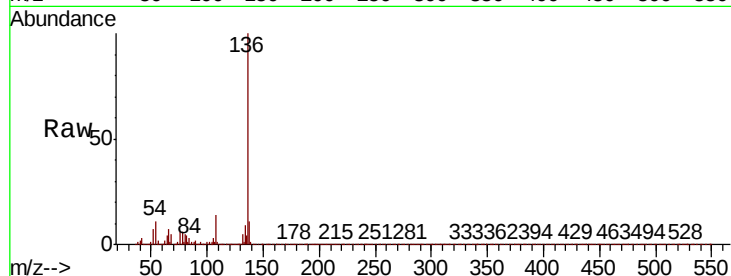




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

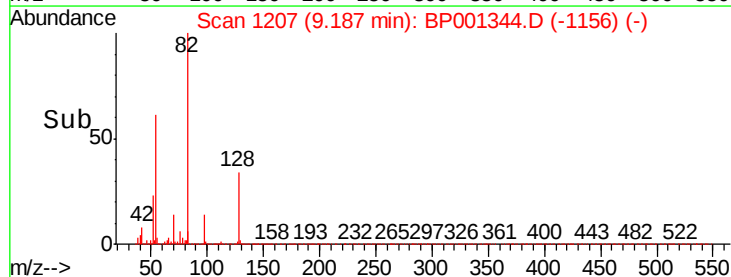
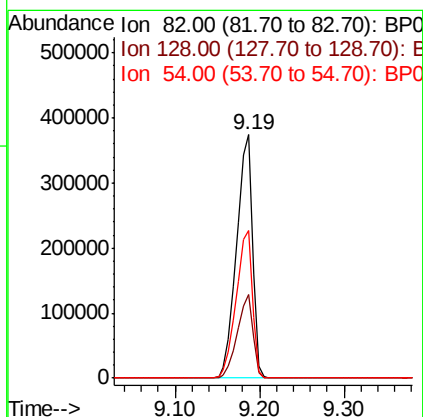
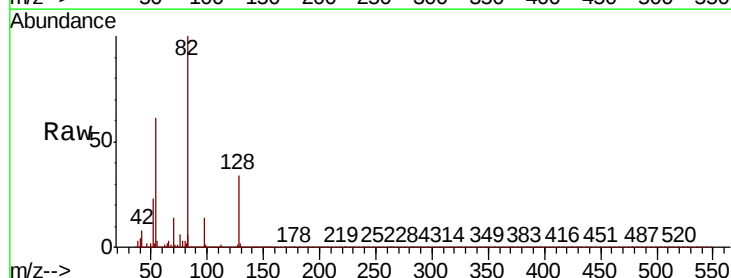
Instrument :
BNA_P
ClientSampleId :
SSI-BFD

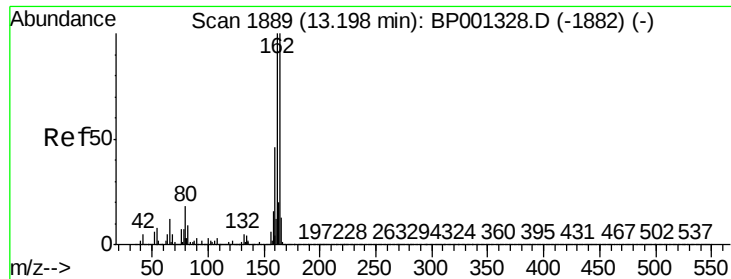
Tot Ion:136	Resp:	204627	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 10.6	8.8	13.2	
68 4.8	4.6	6.8	



#23
Nitrobenzene-d5
Concen: 90.558 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

Tgt	Ion: 82	Resp:	482552
Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.0	40.4
54	60.8	49.0	73.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

Instrument :

BNA_P

ClientSampled :

SSI-BFD

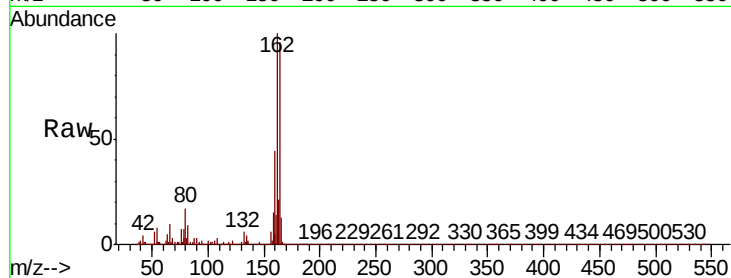
Tot Ion:164 Resp: 115204

Ion Ratio Lower Upper

164 100

162 103.9 80.3 120.5

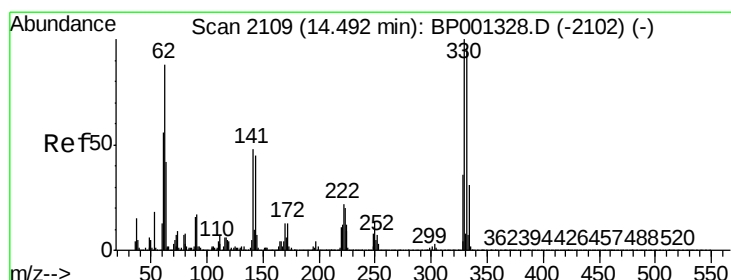
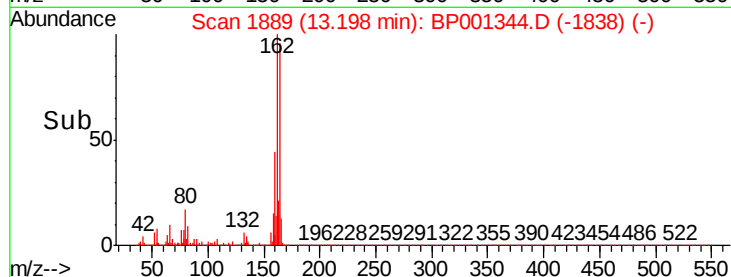
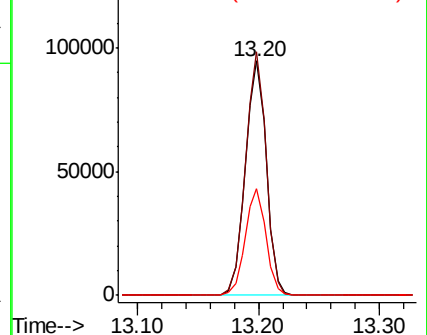
160 45.6 36.6 54.8



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: 127.247 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

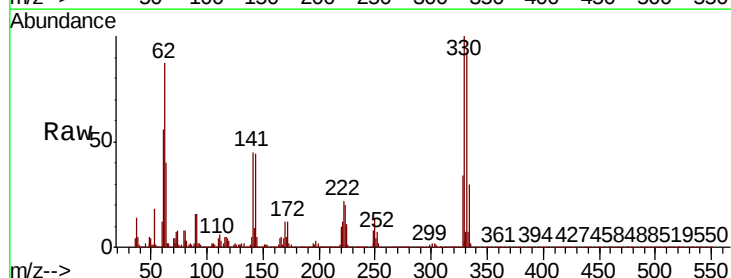
Tgt Ion:330 Resp: 183275

Ion Ratio Lower Upper

330 100

332 94.6 78.7 118.1

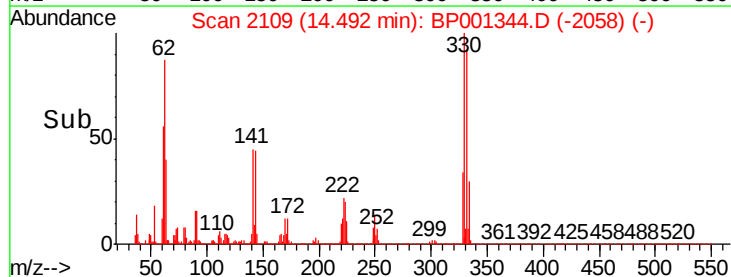
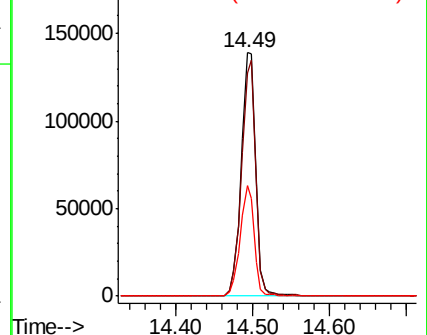
141 44.3 36.2 54.4

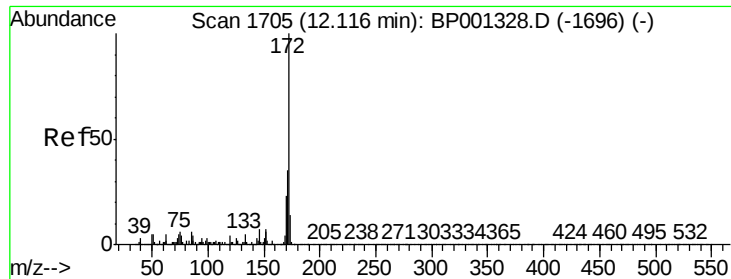


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

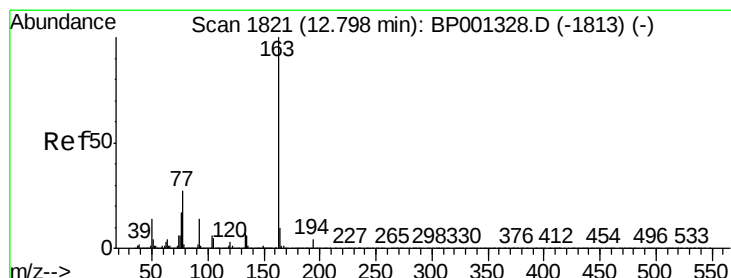
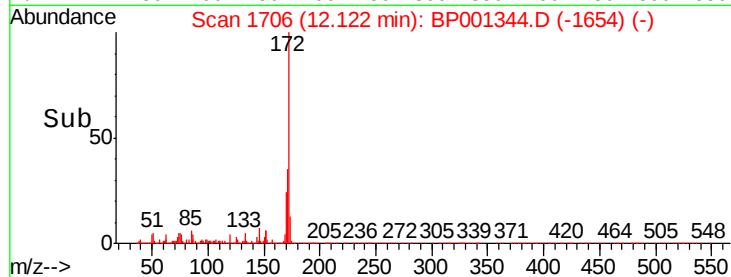
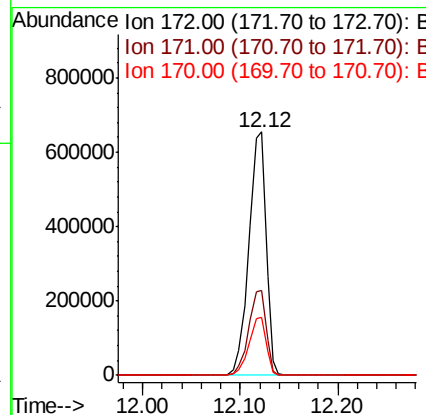
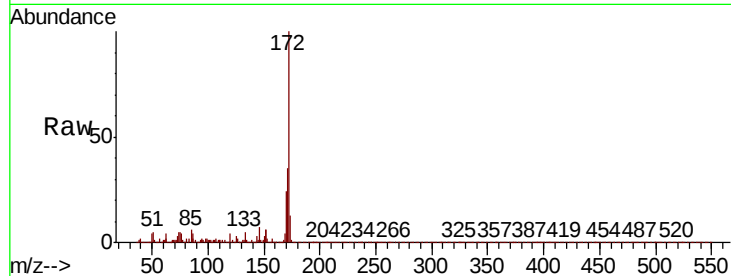




#45
2-Fluorobiphenyl
Concen: 88.765 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

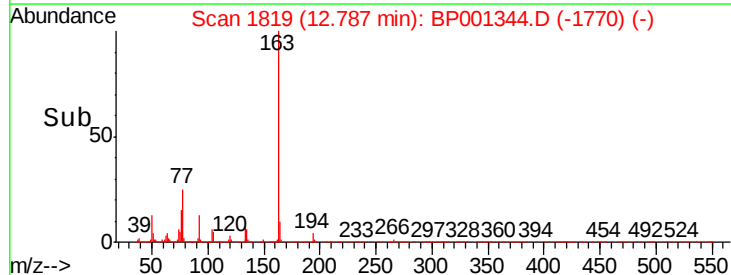
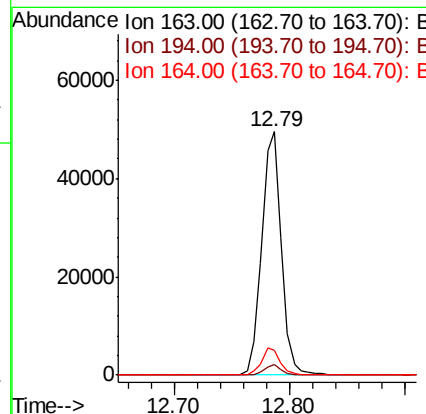
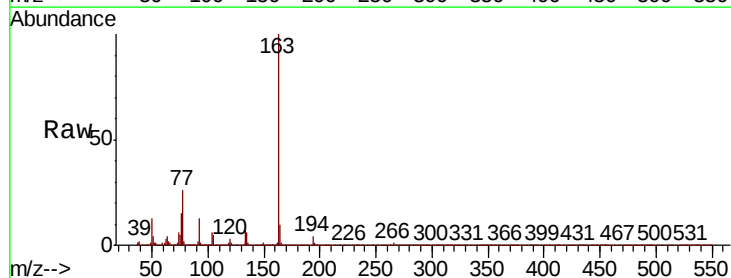
Instrument :
BNA_P
ClientSampleId :
SSI-BFD

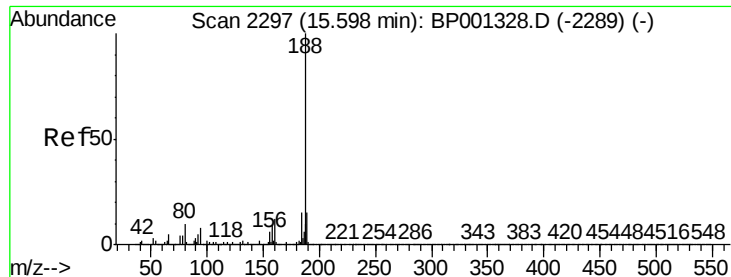
Tot Ion:172 Resp: 808713
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 6.217 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001344.D
Acq: 20 Dec 2019 15:46

Tgt Ion:163 Resp: 58762
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.2 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

Instrument :

BNA_P

ClientSampled :

SSI-BFD

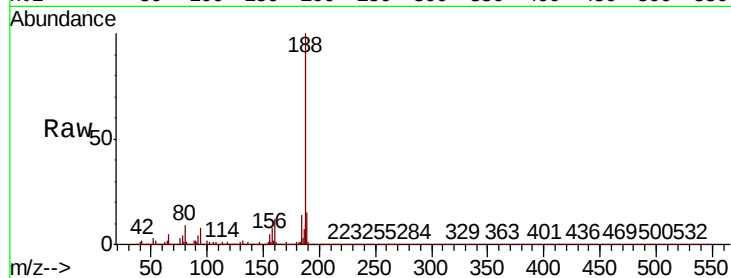
Tot Ion:188 Resp: 216366

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

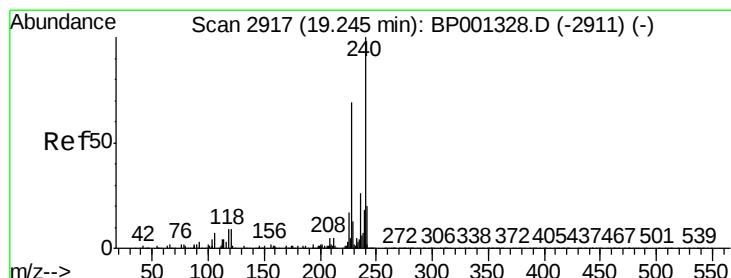
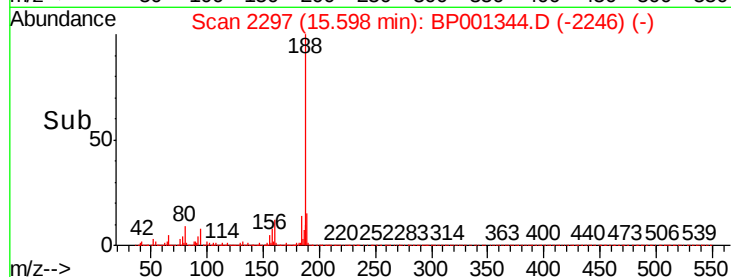
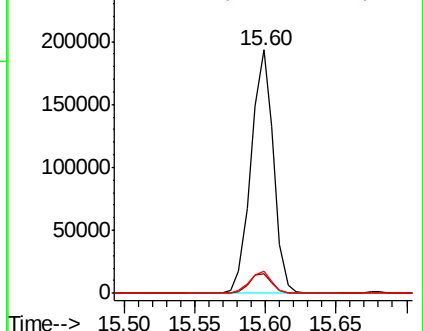
80 9.3 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

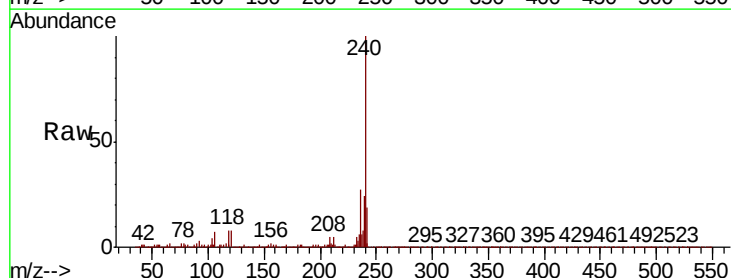
Tgt Ion:240 Resp: 152852

Ion Ratio Lower Upper

240 100

120 8.1 7.6 11.4

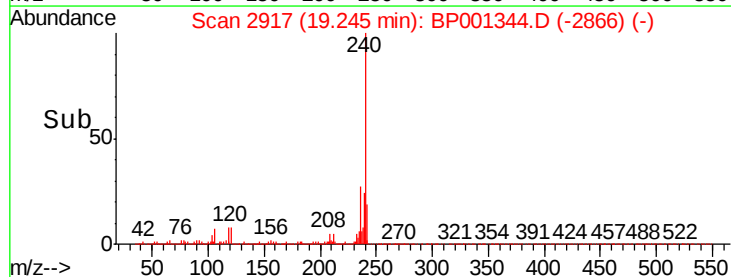
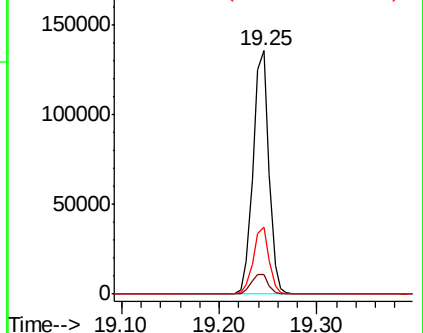
236 27.4 21.0 31.4

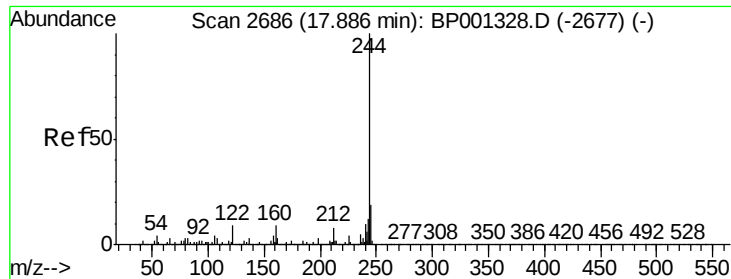


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.136 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

Instrument :

BNA_P

ClientSampleId :

SSI-BFD

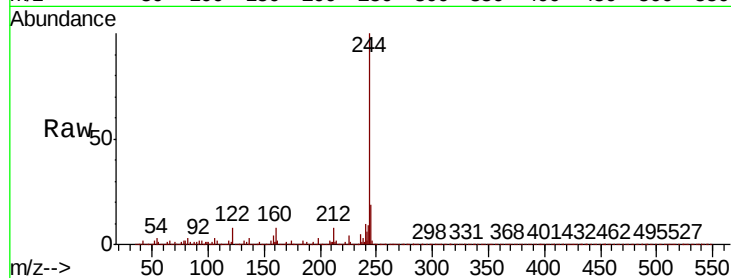
Tot Ion:244 Resp: 956114

Ion Ratio Lower Upper

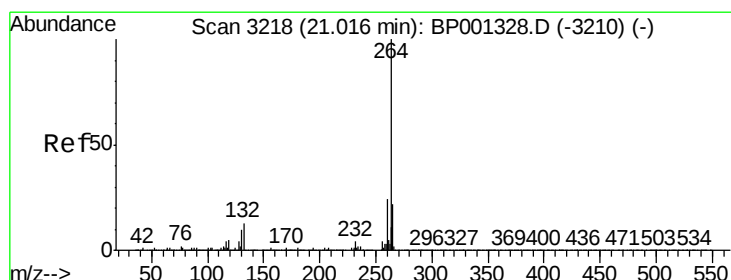
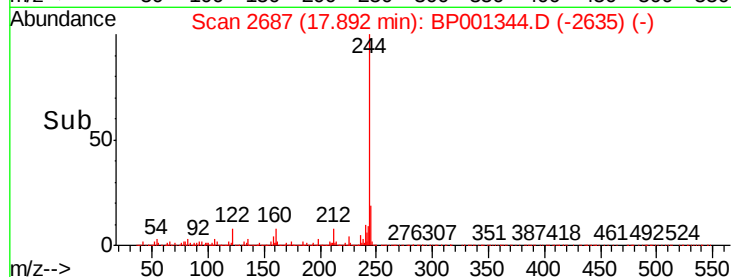
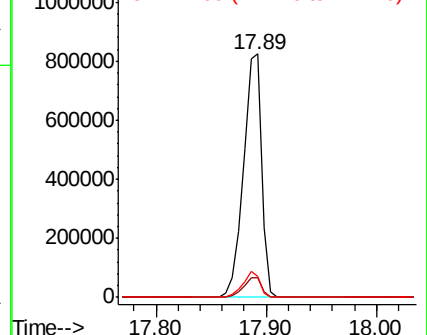
244 100

212 8.1 6.6 9.8

122 8.5 7.6 11.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BP001344.D

Acq: 20 Dec 2019 15:46

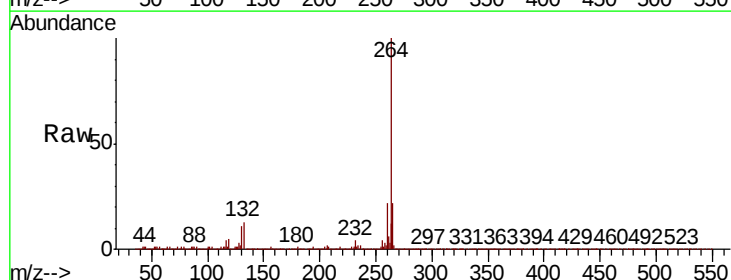
Tgt Ion:264 Resp: 161914

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.8 17.4 26.2



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

