

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001634.D
 Acq On : 16 Jan 2020 18:43
 Operator : JU
 Sample : L1148-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)

Quant Time: Jan 17 04:51:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

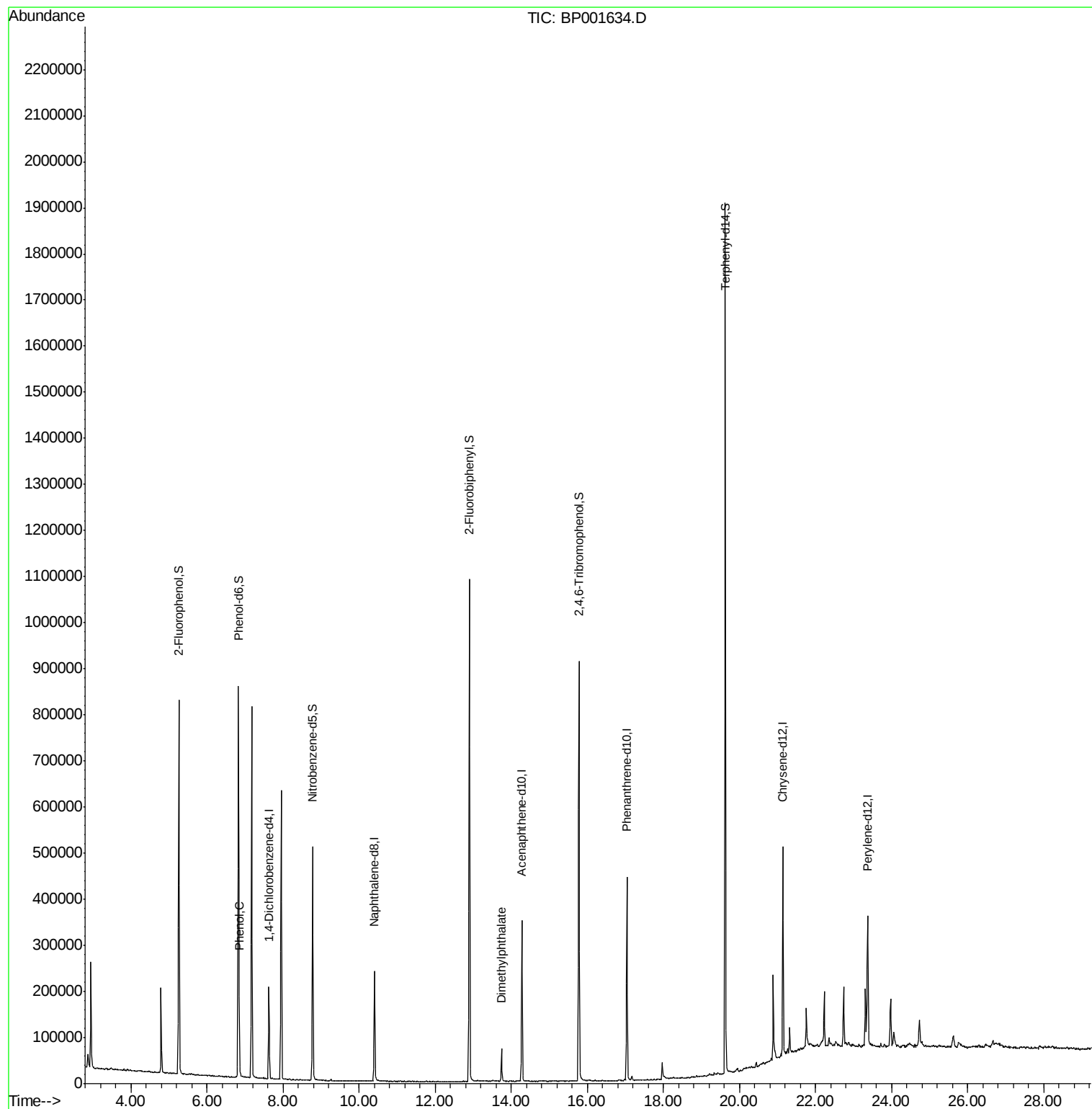
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44463	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	167876	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	113765	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	251775	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	211851	20.00	ng	-0.01
87) Perylene-d12	23.37	264	219141	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	254760	112.24	ng	0.00
7) Phenol-d6	6.83	99	369094	101.75	ng	0.00
23) Nitrobenzene-d5	8.78	82	260156	67.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	145660	84.11	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	530793	68.60	ng	0.00
79) Terphenyl-d14	19.63	244	816320	70.48	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	8251	2.199	ng	83
50) Dimethylphthalate	13.75	163	45032	4.806	ng	100

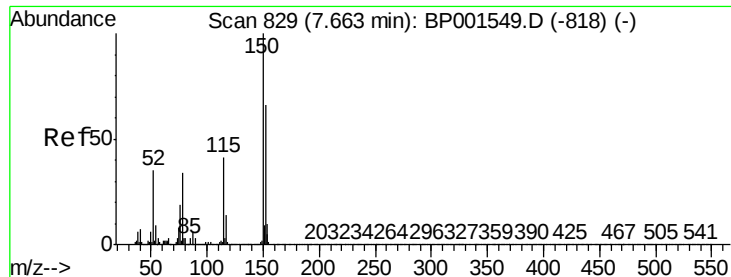
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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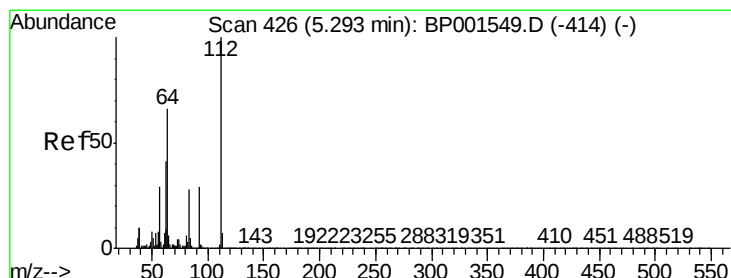
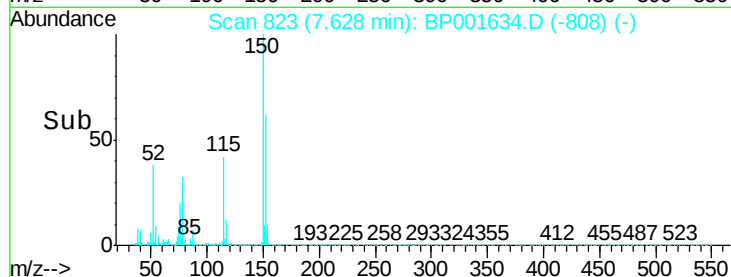
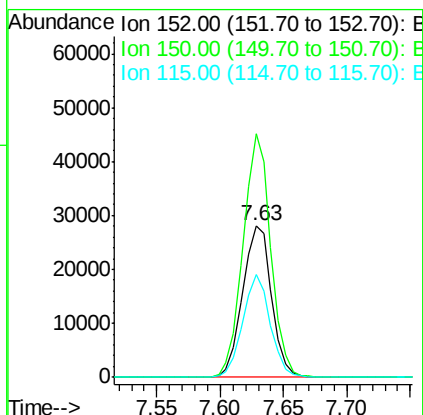
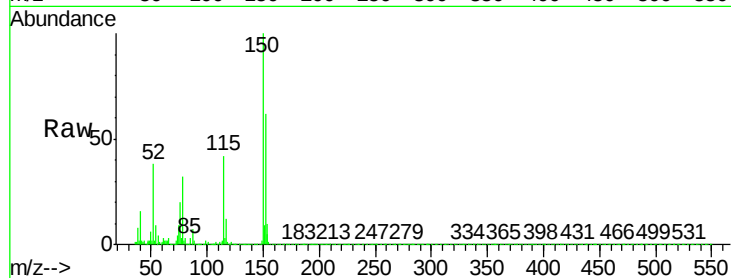


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)

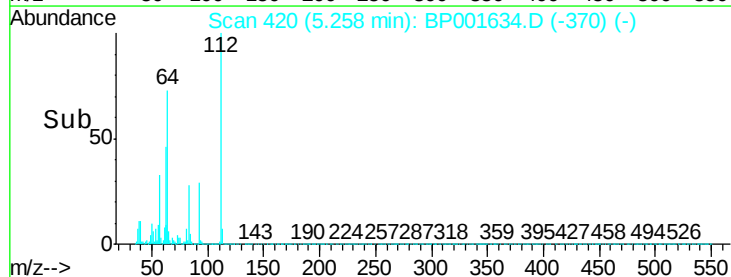
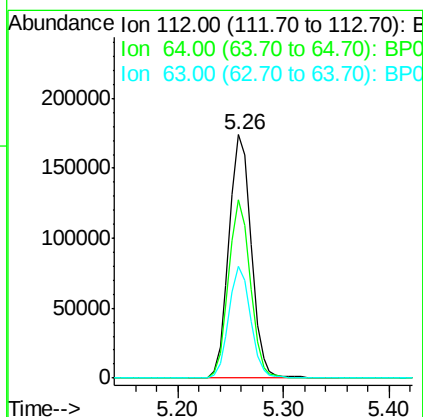
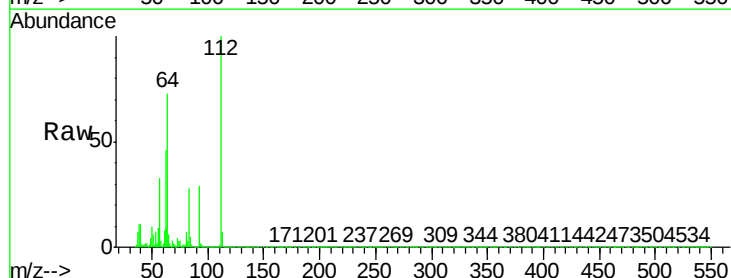
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.0	183.0
115	67.4	50.7	76.1

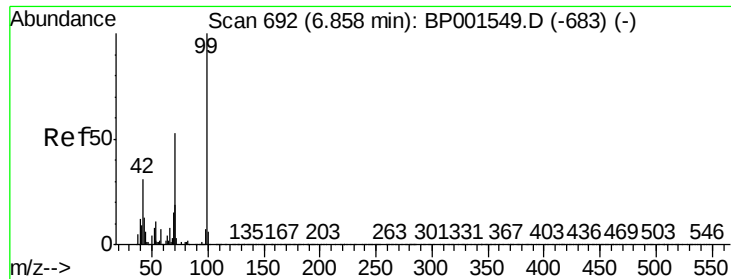


#5

2-Fluorophenol
Concen: 112.239 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	52.8	79.2
63	46.2	33.1	49.7





#7

Phenol-d6

Concen: 101.747 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)

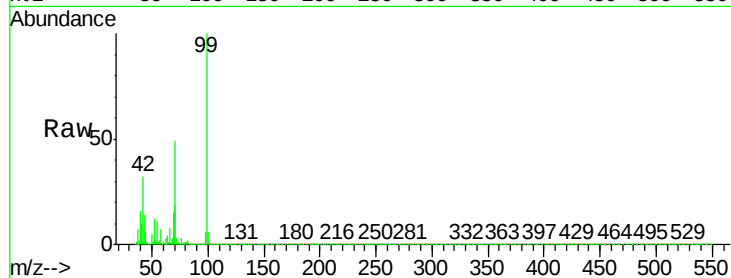
Tot Ion: 99 Resp: 369094

Ion Ratio Lower Upper

99 100

42 31.6 24.5 36.7

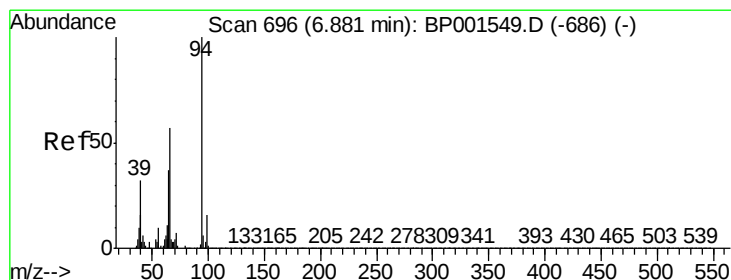
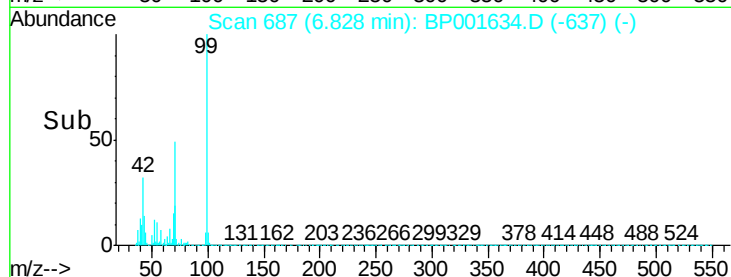
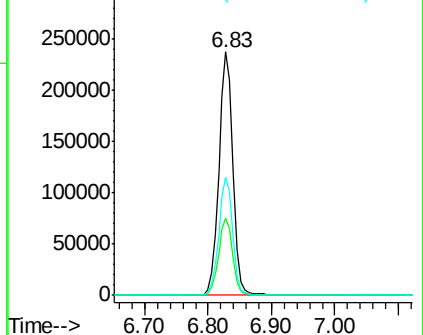
71 48.6 42.4 63.6



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: 2.199 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

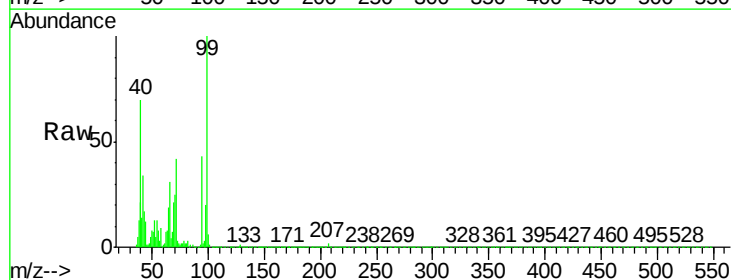
Tgt Ion: 94 Resp: 8251

Ion Ratio Lower Upper

94 100

65 42.9 17.5 57.5

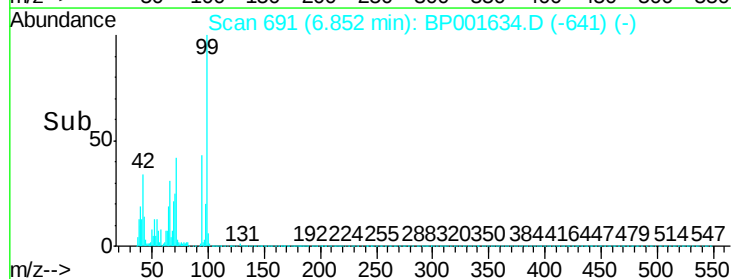
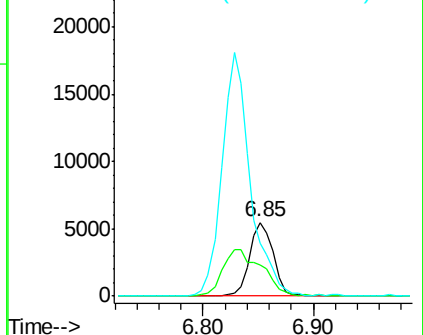
66 72.5 36.7 76.7

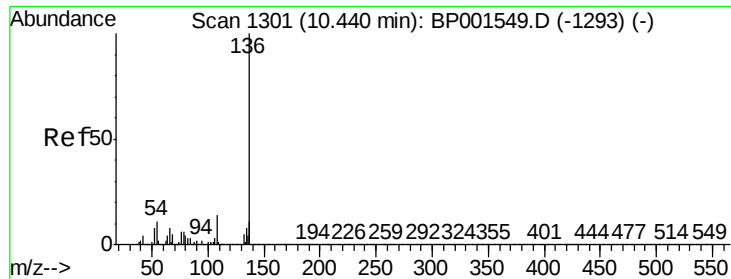


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

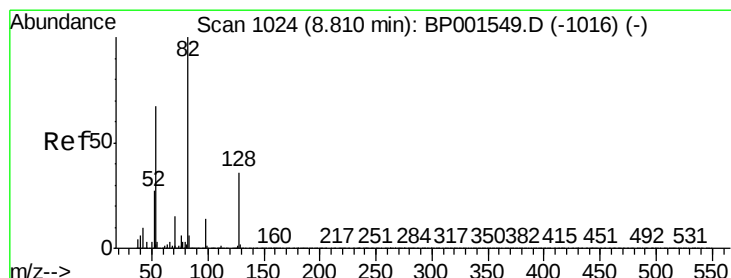
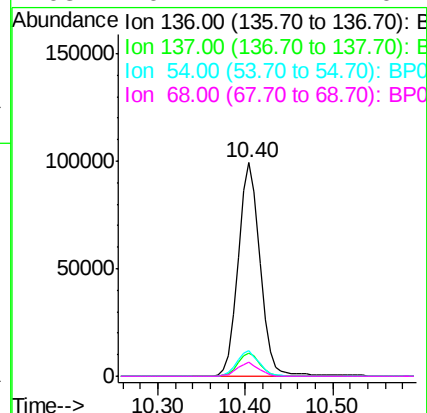
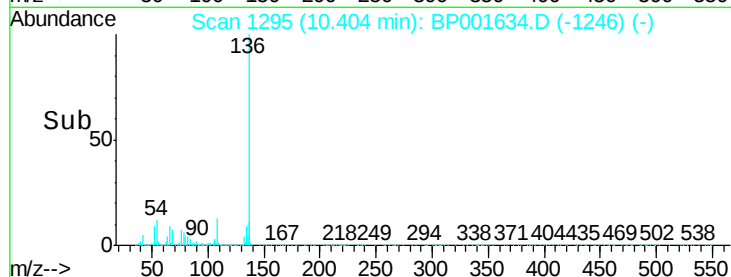
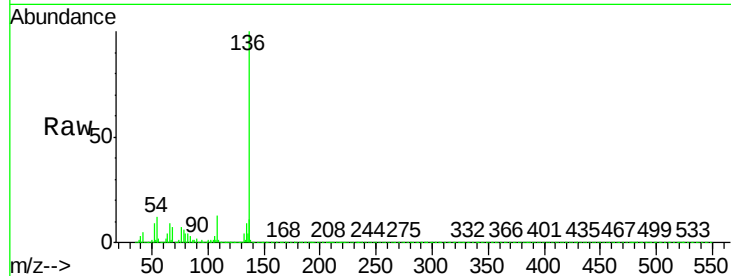




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

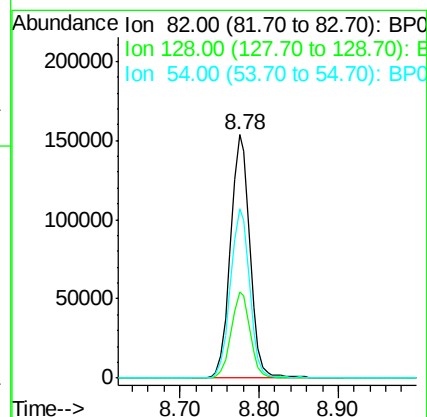
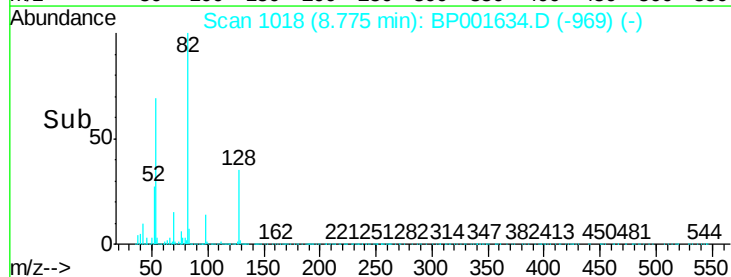
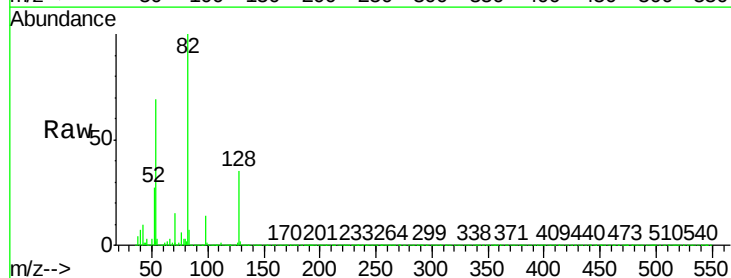
Instrument :
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SB-28-(4-6)

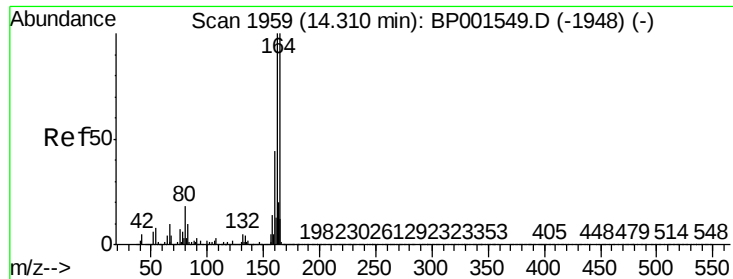
Tot Ion:136	Resp:	167876
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	12.8
54 12.1	9.2	13.8
68 6.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 67.718 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

Tgt Ion: 82	Resp: 260156
Ion Ratio	Lower Upper
82 100	
128 35.2	28.4 42.6
54 69.5	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

Instrument :

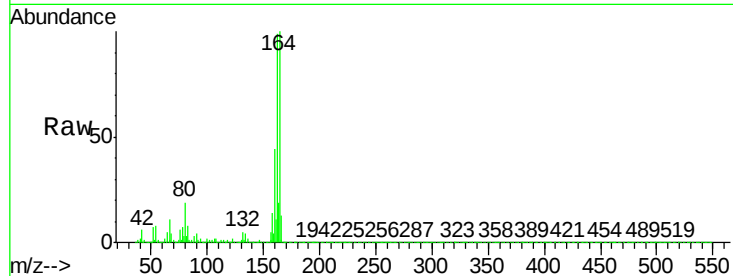
BNA_P

ClientSampleId :

SB-28-(4-6)

Tot Ion:164 Resp: 113765

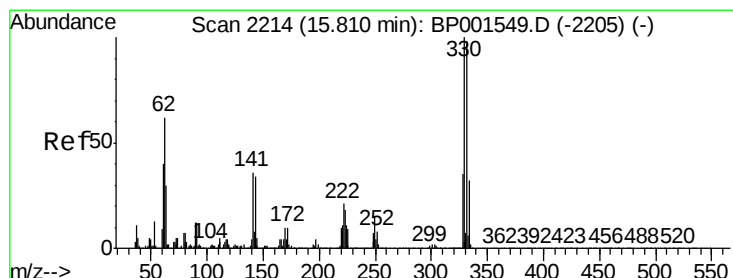
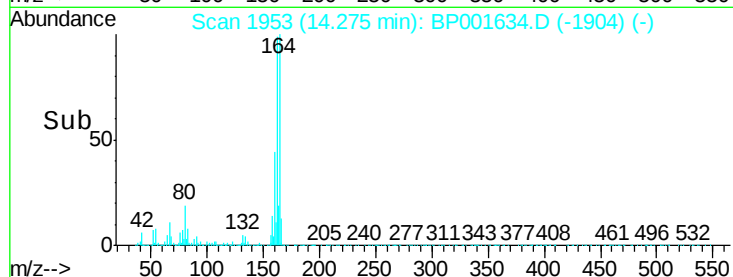
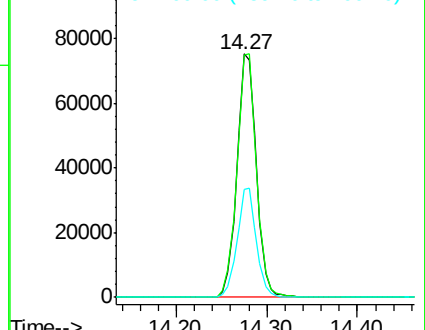
Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.8	119.6
160	44.2	35.0	52.6



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: 84.112 ng

RT: 15.78 min Scan# 2209

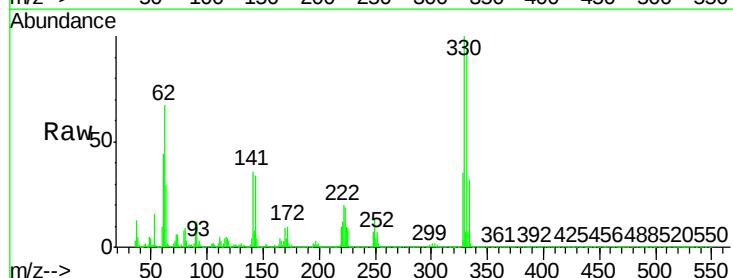
Delta R.T. -0.01 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

Tgt Ion:330 Resp: 145660

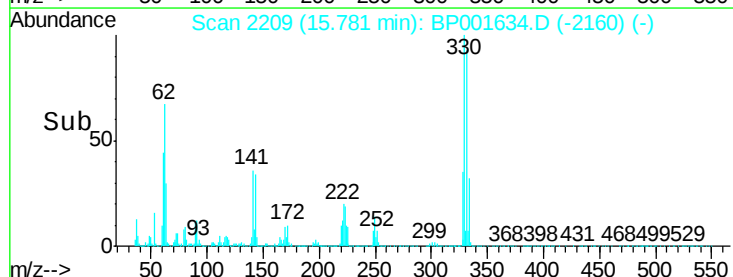
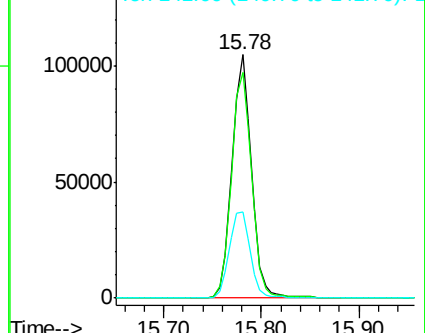
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	37.8	28.7	43.1

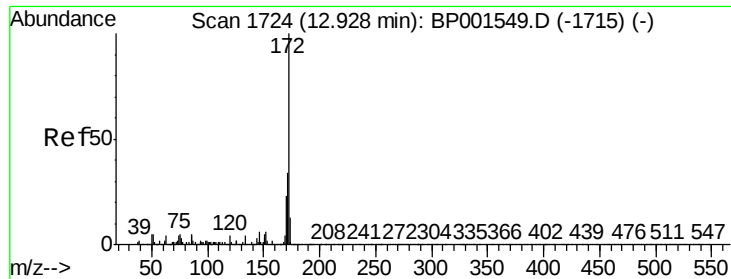


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

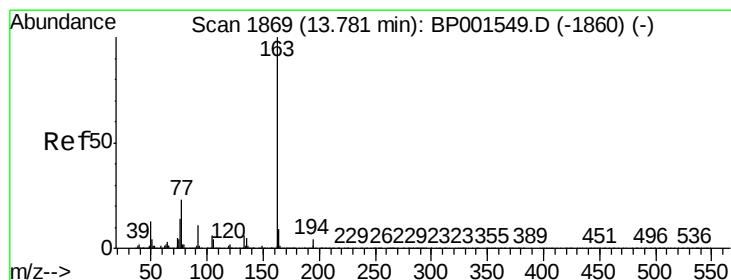
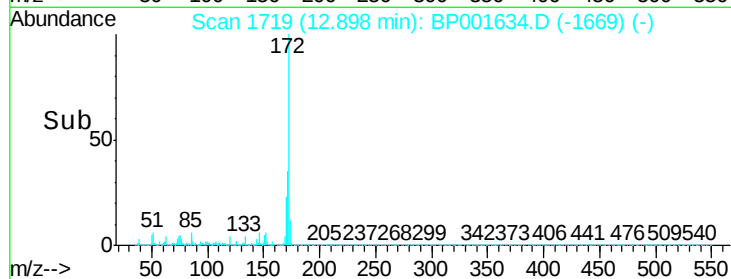
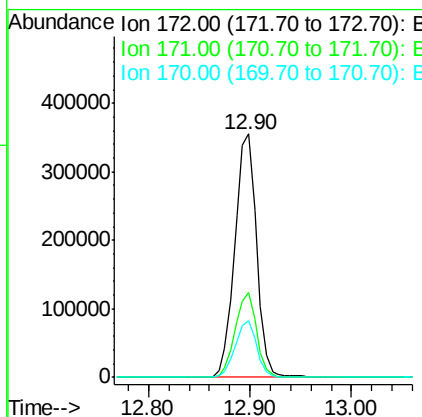
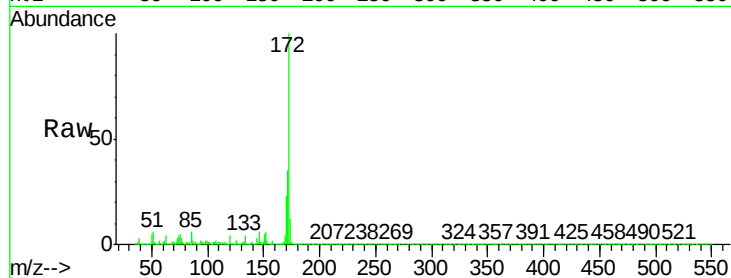




#45
2-Fluorobiphenyl
Concen: 68.599 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

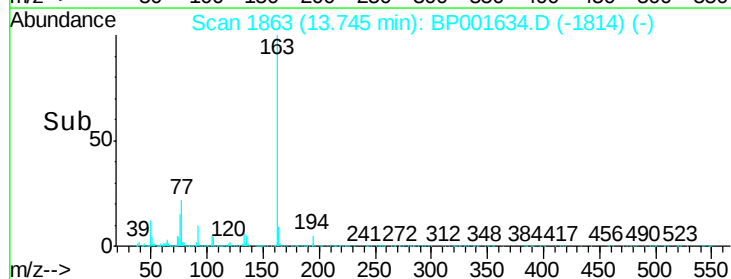
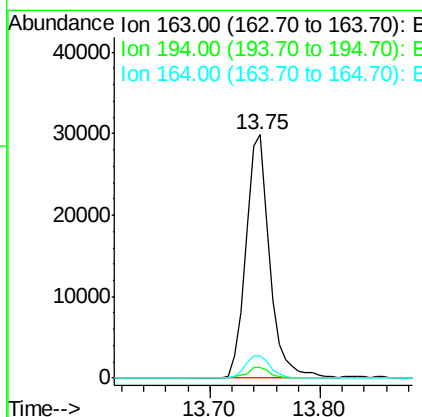
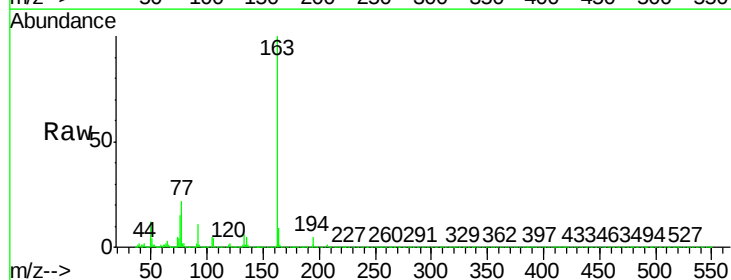
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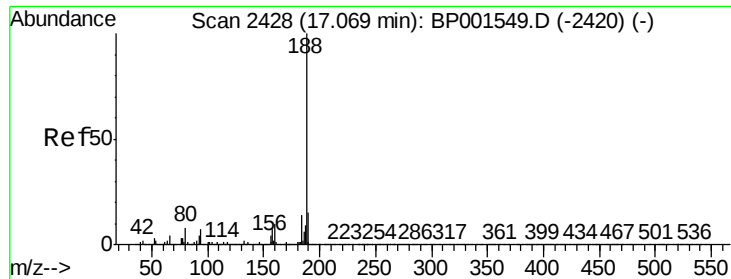
Tot Ion:172 Resp: 530793
Ion Ratio Lower Upper
172 100
171 34.7 27.6 41.4
170 23.2 18.3 27.5



#50
Dimethylphthalate
Concen: 4.806 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

Tgt Ion:163 Resp: 45032
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 9.2 7.5 11.3

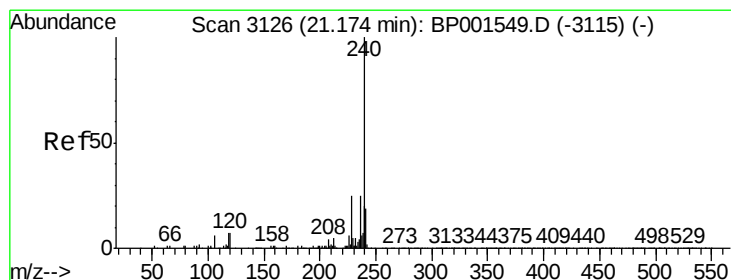
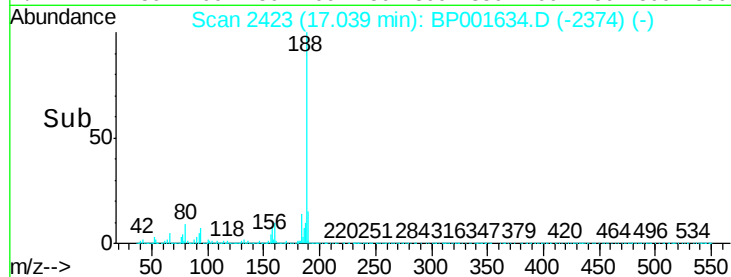
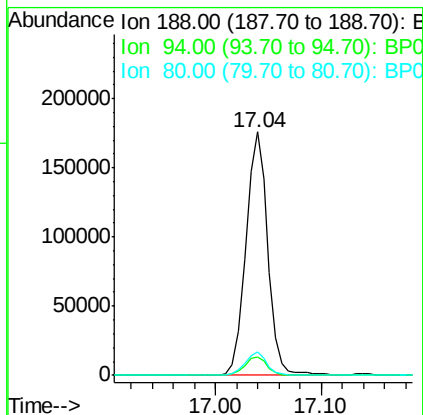
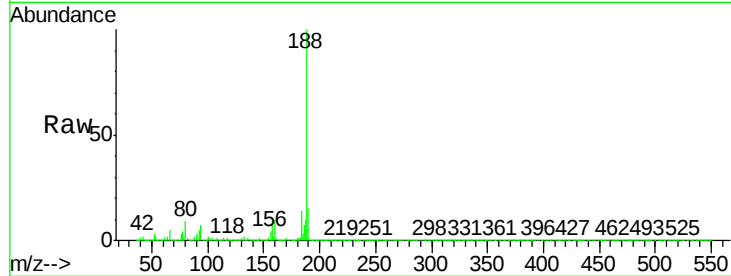




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

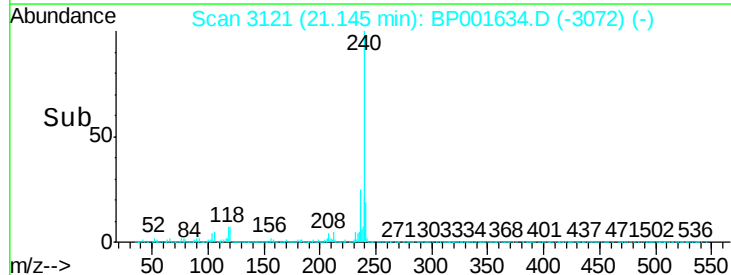
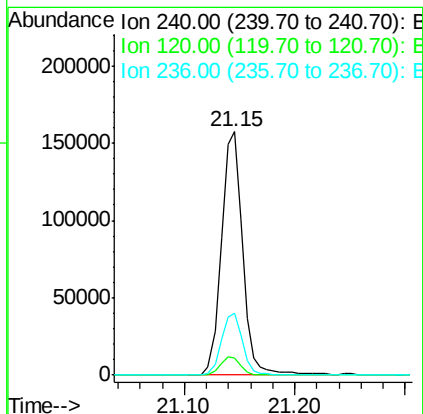
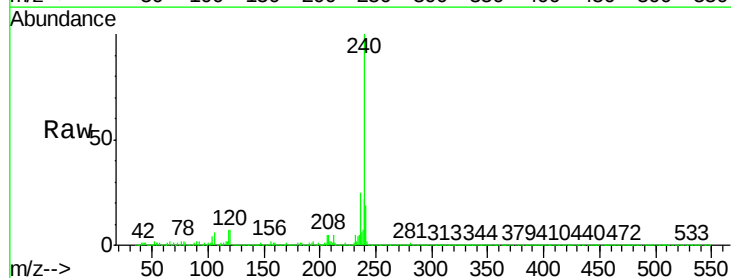
Instrument :
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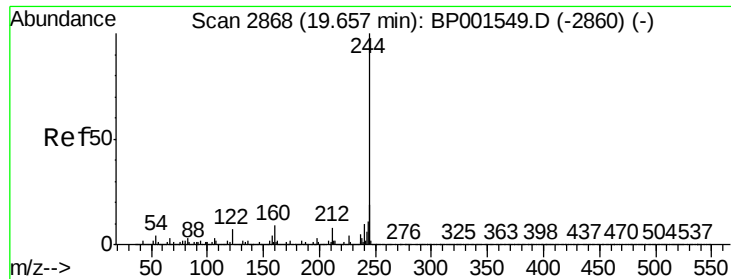
Tot Ion:188 Resp: 251775
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 9.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001634.D
Acq: 16 Jan 2020 18:43

Tgt Ion:240 Resp: 211851
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 70.478 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)

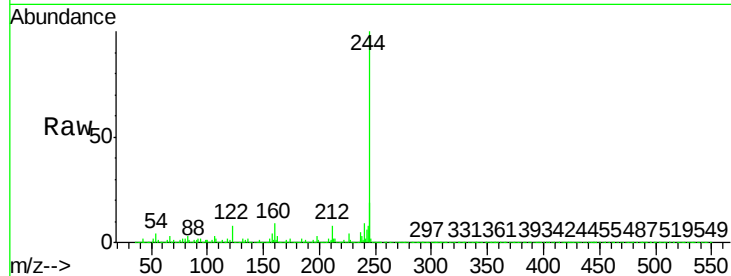
Tot Ion:244 Resp: 816320

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

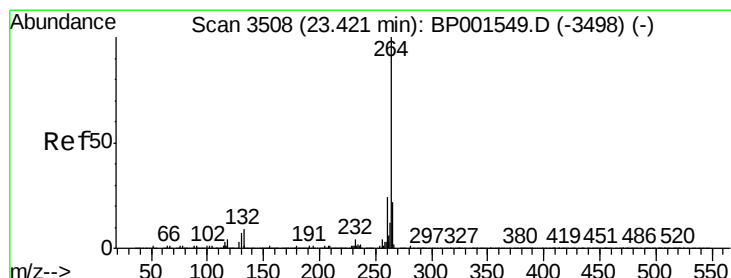
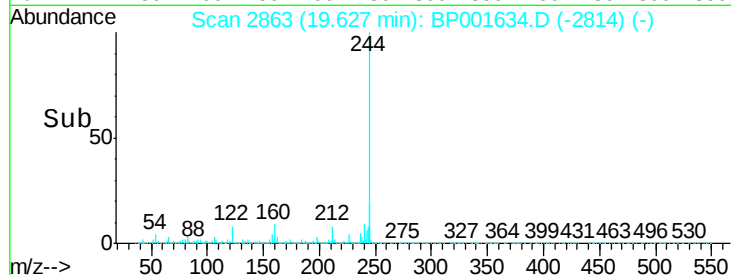
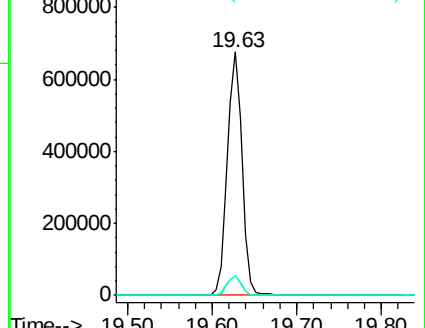
122 7.9 5.8 8.6



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: 23.37 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BP001634.D

Acq: 16 Jan 2020 18:43

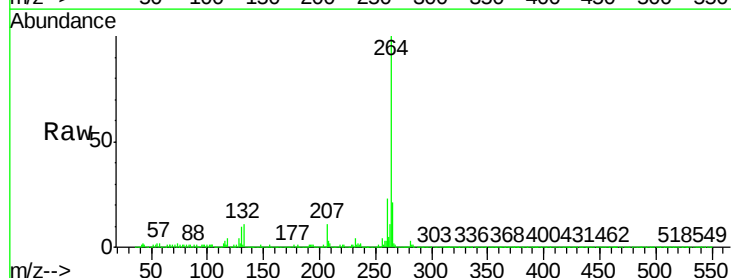
Tgt Ion:264 Resp: 219141

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.2 18.2 27.4



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

