

Data File : BP001619.D
Acq On : 15 Jan 2020 20:47
Operator : JU
Sample : L1126-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-01142020

Quant Time: Jan 16 06:02:49 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

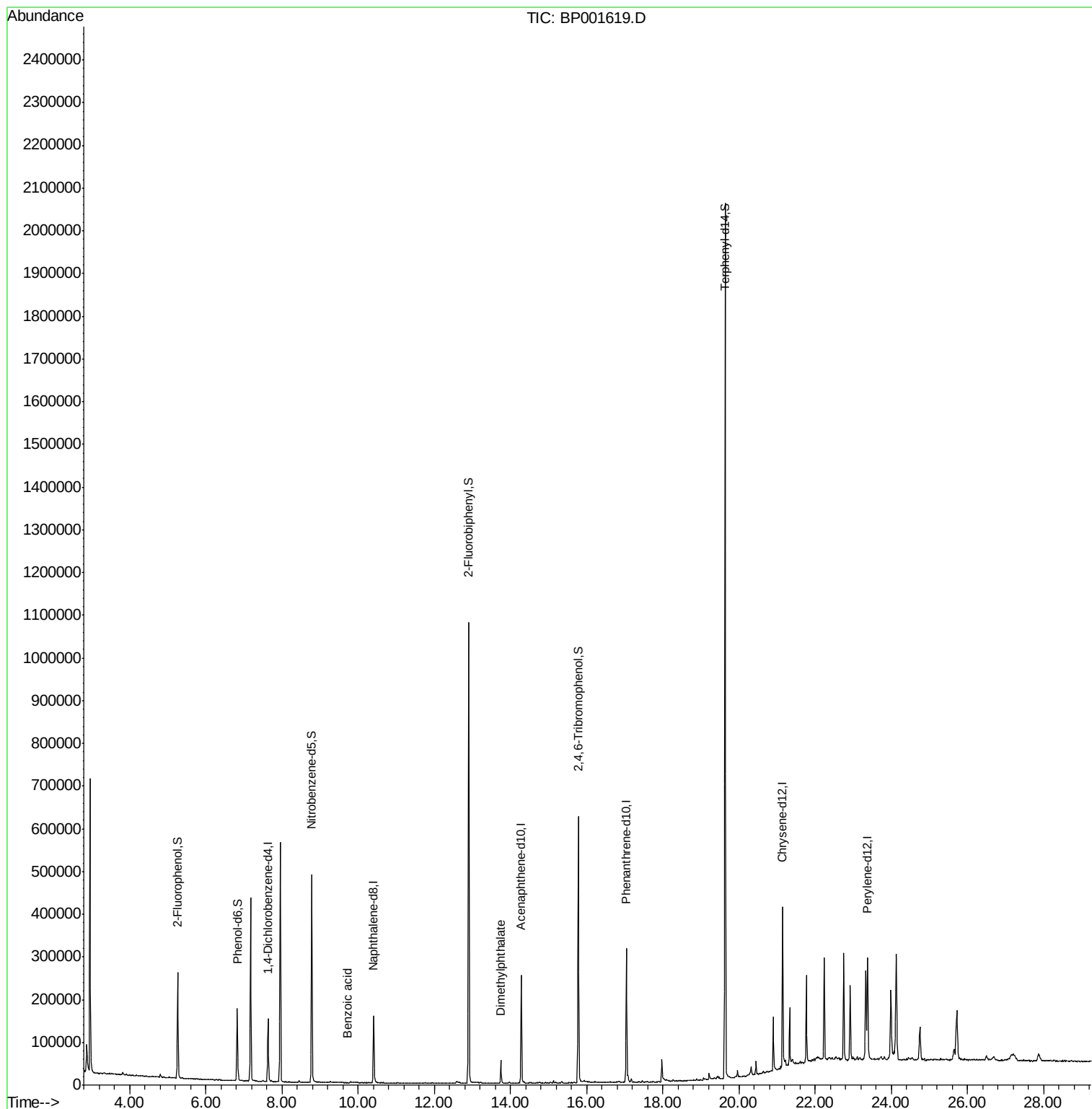
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	31363	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	115101	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	80535	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	182003	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	173139	20.00	ng	-0.01
87) Perylene-d12	23.37	264	176697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	81442	50.87	ng	0.00
7) Phenol-d6	6.82	99	73368	28.67	ng	-0.01
23) Nitrobenzene-d5	8.78	82	243363	92.39	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	94553	77.13	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	500675	91.40	ng	0.00
79) Terphenyl-d14	19.63	244	883591	93.34	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	5	4.706	ng	Qvalue # 4
50) Dimethylphthalate	13.75	163	30037	4.528	ng	97

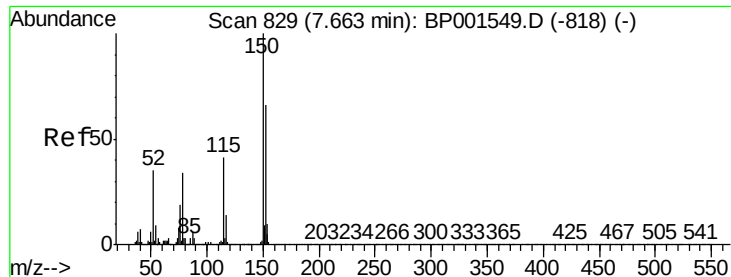
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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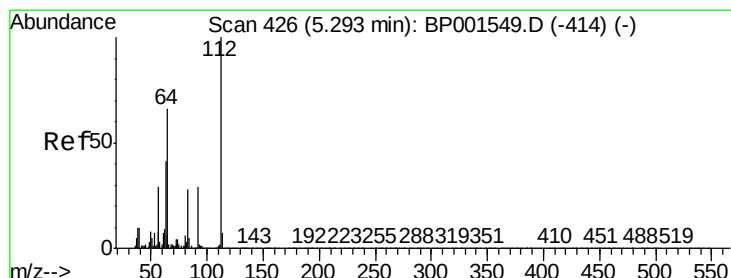
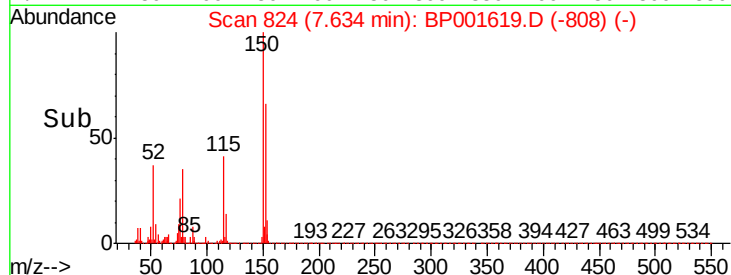
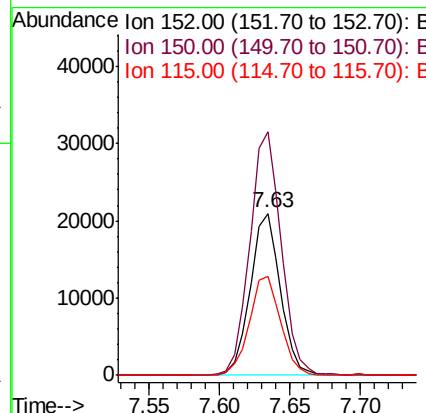
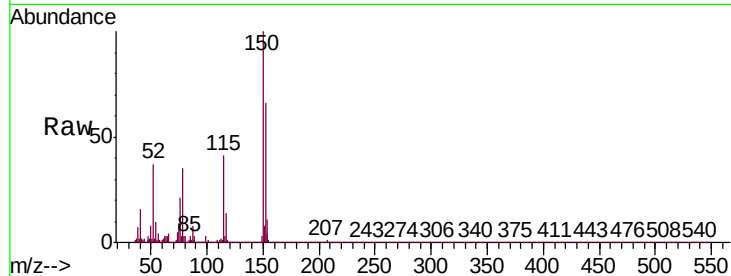


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

Instrument :
BNA_P
ClientSampleId :
FB-01142020

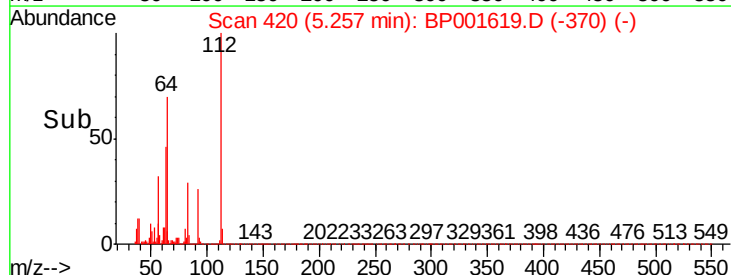
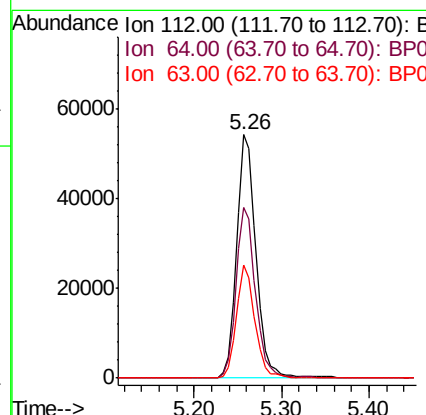
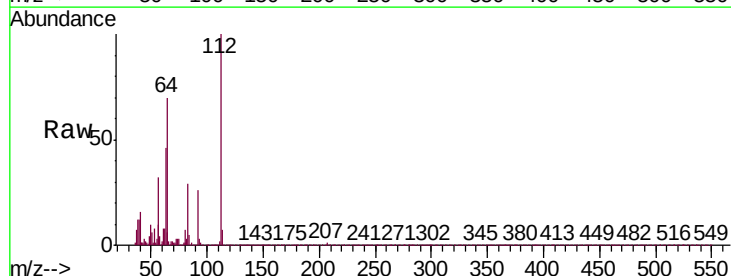
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.0	183.0
115	61.5	50.7	76.1

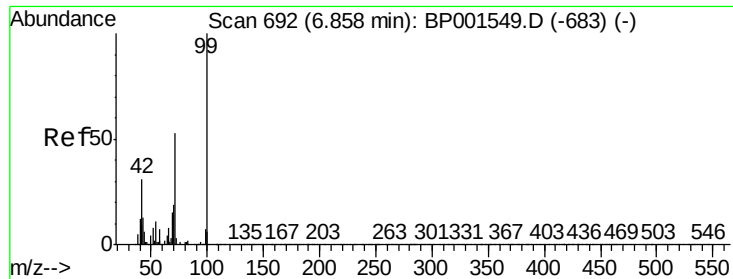


#5

2-Fluorophenol
Concen: 50.868 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	52.8	79.2
63	46.3	33.1	49.7





#7

Phenol-d6

Concen: 28.673 ng

RT: 6.82 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

Instrument :

BNA_P

ClientSampleId :

FB-01142020

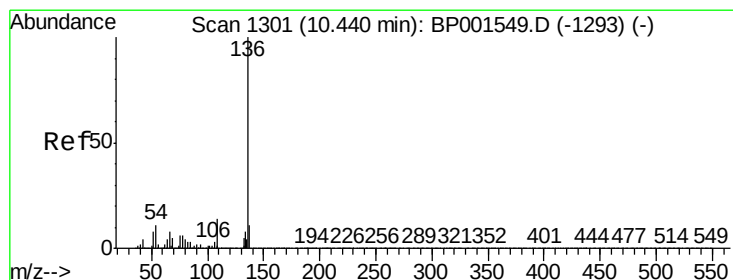
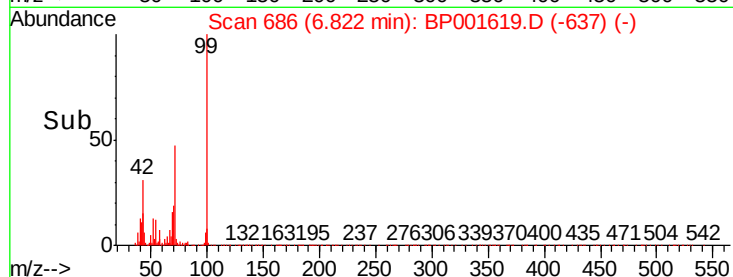
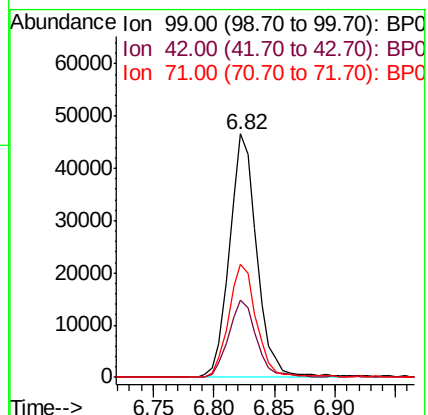
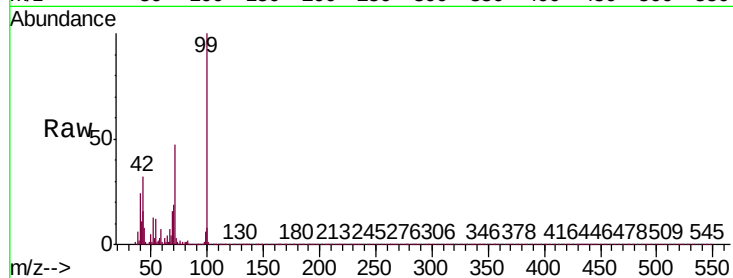
Tgt Ion: 99 Resp: 73368

Ion Ratio Lower Upper

99 100

42 31.6 24.5 36.7

71 46.6 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

Tgt Ion: 136 Resp: 115101

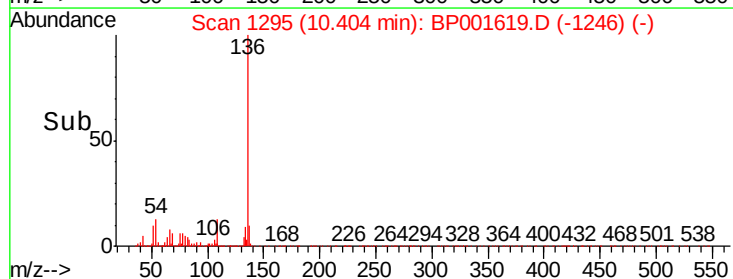
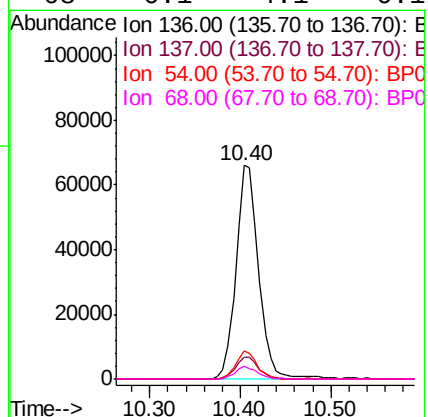
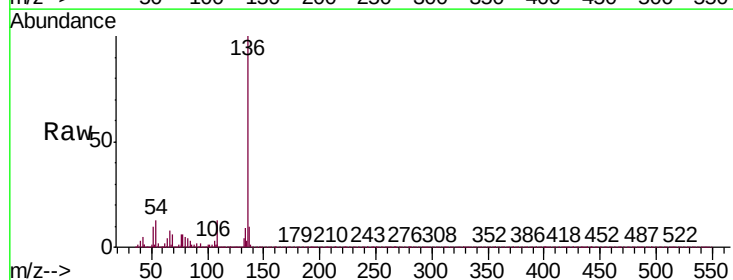
Ion Ratio Lower Upper

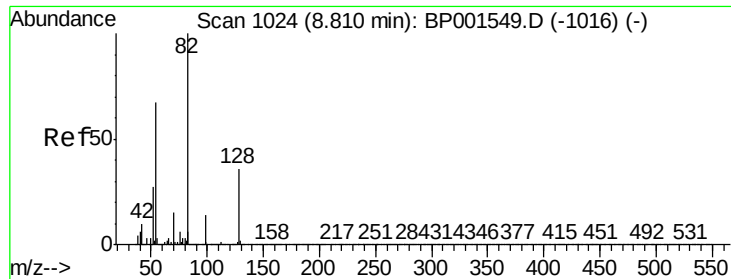
136 100

137 10.2 8.6 12.8

54 13.0 9.2 13.8

68 6.1 4.1 6.1#

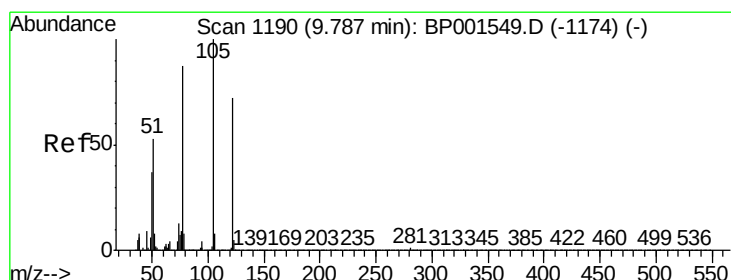
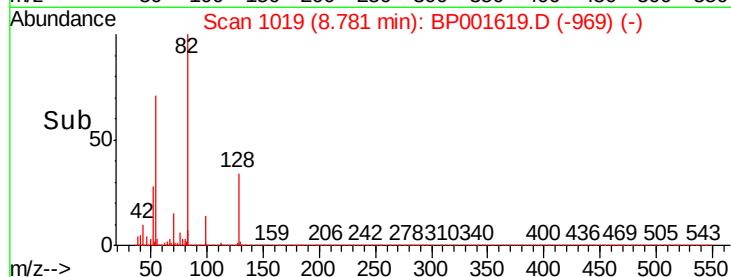
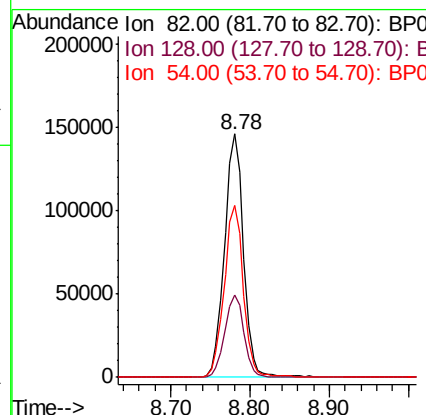
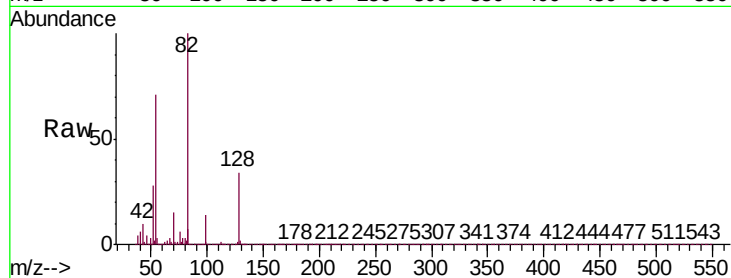




#23
 Nitrobenzene-d5
 Concen: 92.392 ng
 RT: 8.78 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BP001619.D
 Acq: 15 Jan 2020 20:47

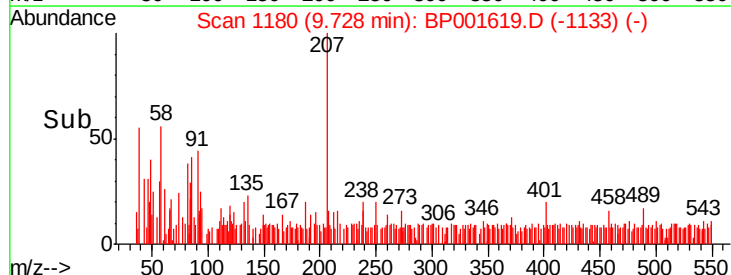
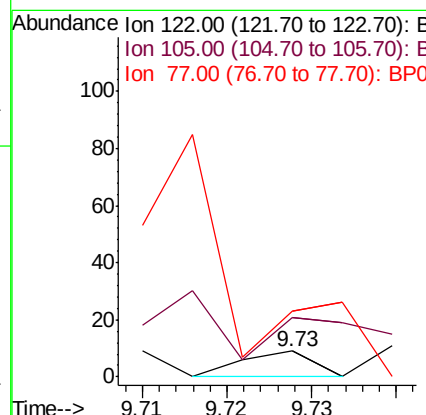
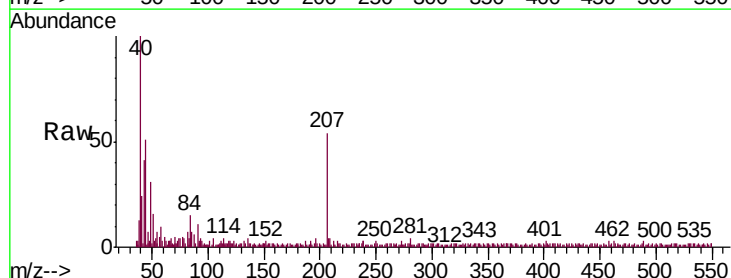
Instrument :
 BNA_P
 ClientSampleId :
 FB-01142020

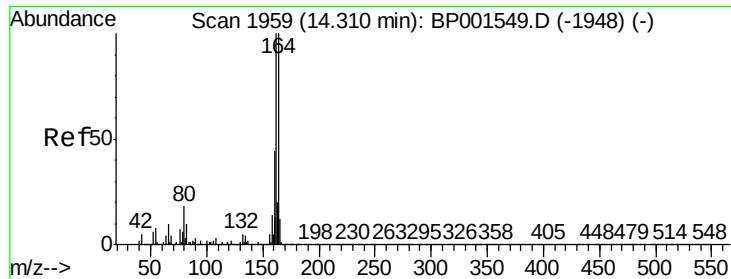
Tgt Ion:	82	Resp:	243363
Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.4	42.6
54	70.7	53.4	80.2



#32
 Benzoic acid
 Concen: 4.706 ng
 RT: 9.73 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BP001619.D
 Acq: 15 Jan 2020 20:47

Tgt Ion:	122	Resp:	5
Ion	Ratio	Lower	Upper
122	100		
105	233.3	119.5	159.5#
77	255.6	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

Instrument :

BNA_P

ClientSampleId :

FB-01142020

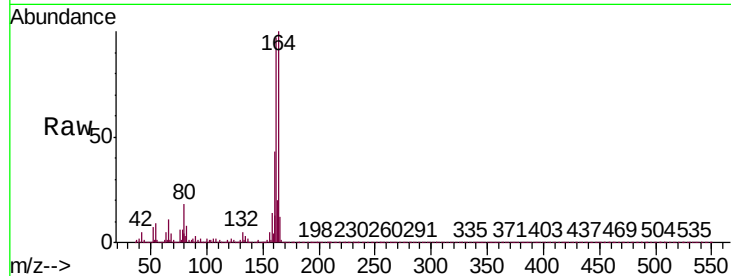
Tgt Ion:164 Resp: 80535

Ion Ratio Lower Upper

164 100

162 97.3 79.8 119.6

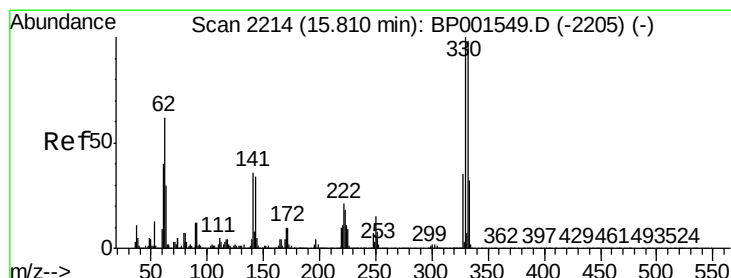
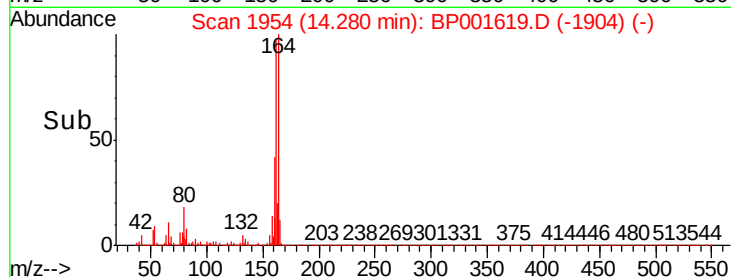
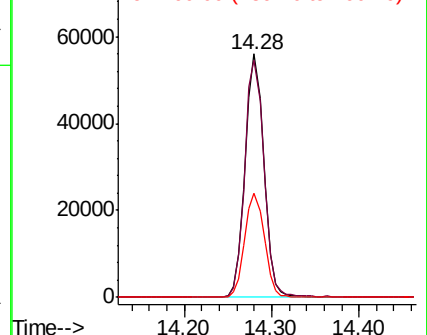
160 42.5 35.0 52.6



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: 77.129 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

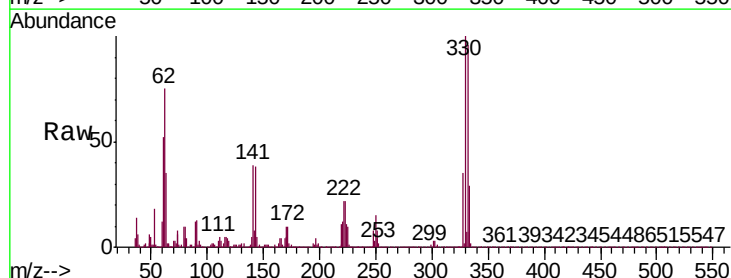
Tgt Ion:330 Resp: 94553

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

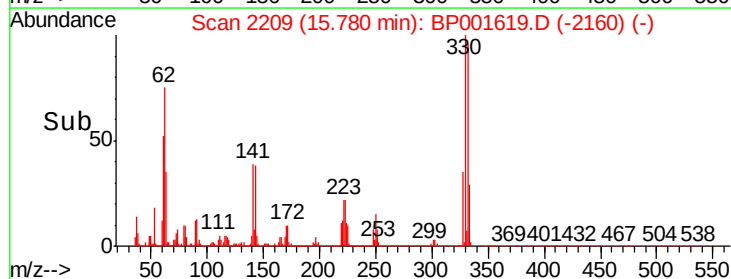
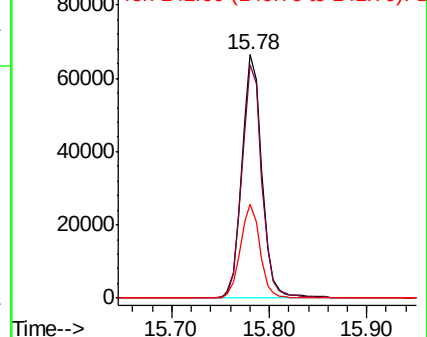
141 37.9 28.7 43.1

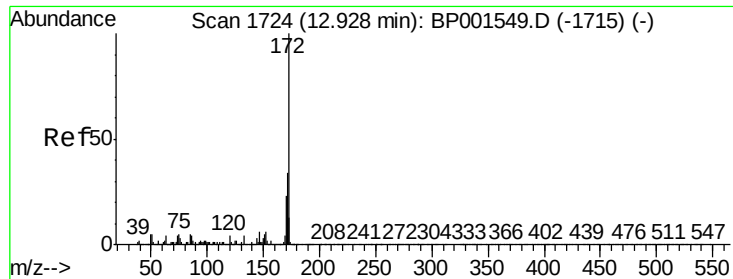


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

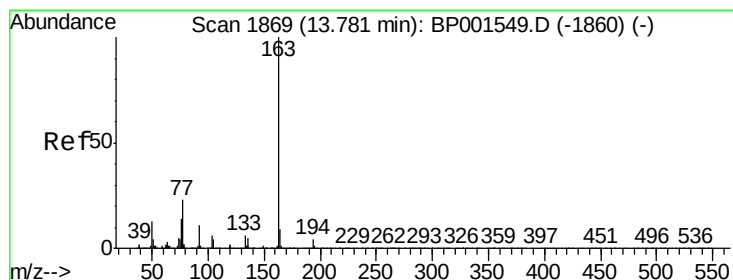
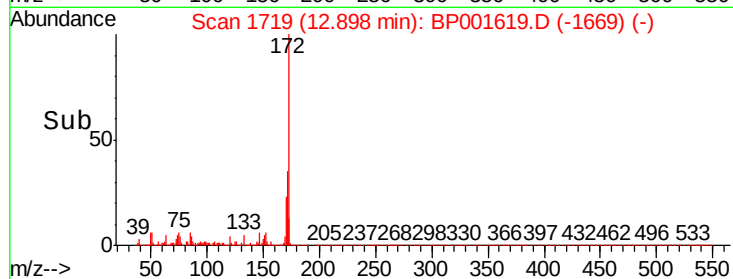
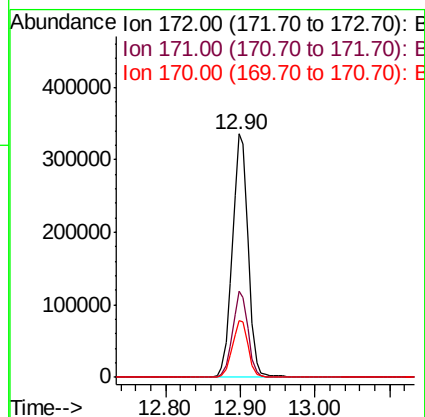
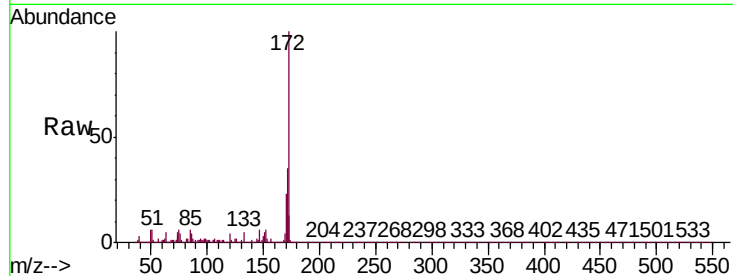




#45
2-Fluorobiphenyl
Concen: 91.405 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

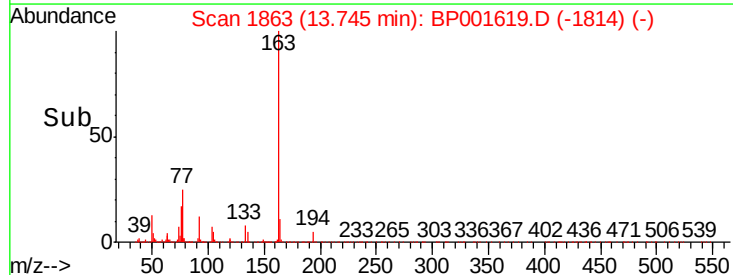
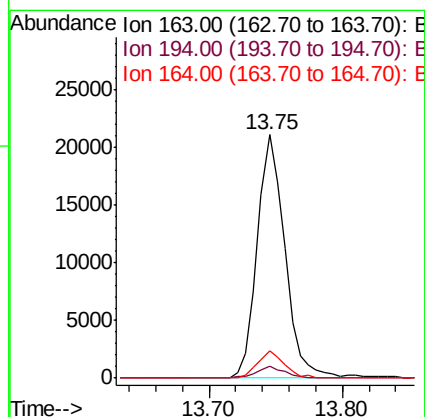
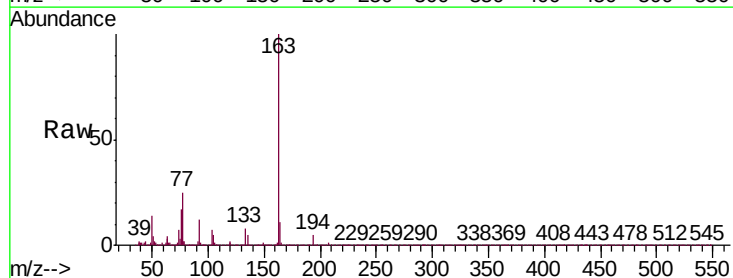
Instrument :
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FB-01142020

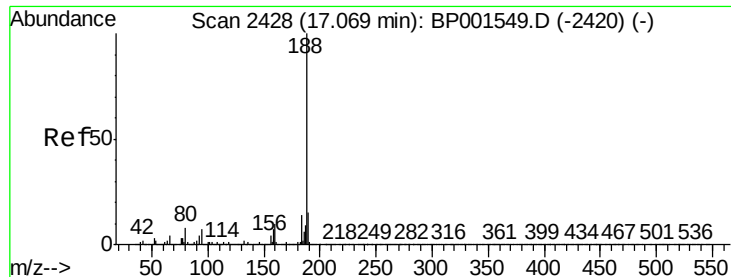
Tgt Ion:	172	Resp:	500675
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	23.3	18.3	27.5



#50
Dimethylphthalate
Concen: 4.528 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

Tgt Ion:	163	Resp:	30037
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	11.0	7.5	11.3

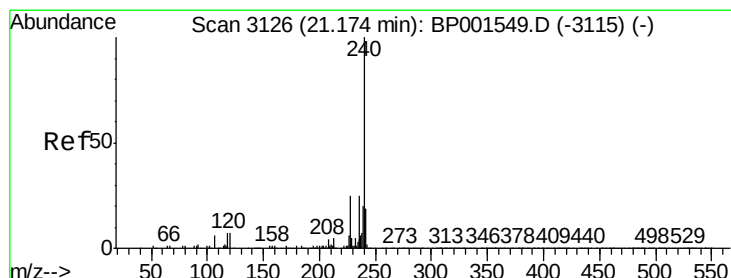
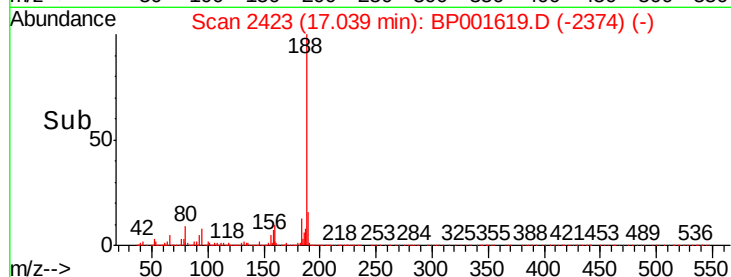
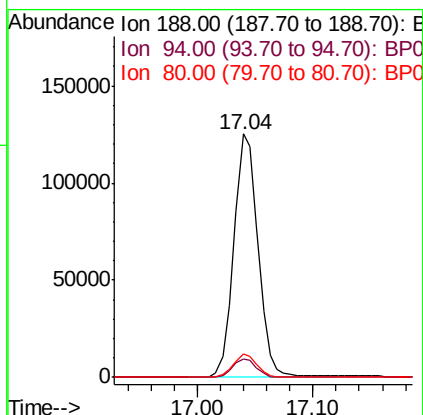
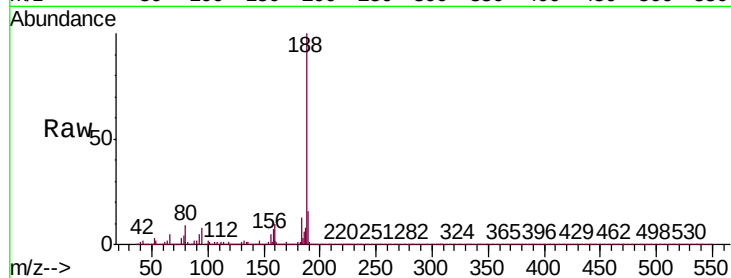




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

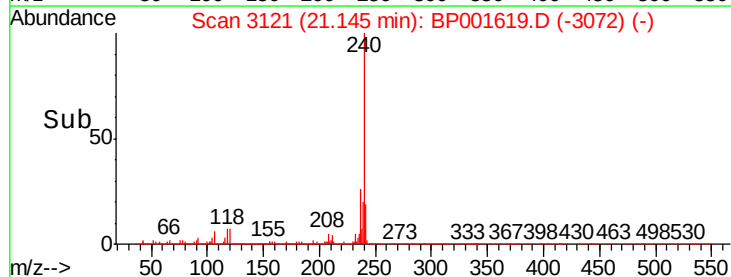
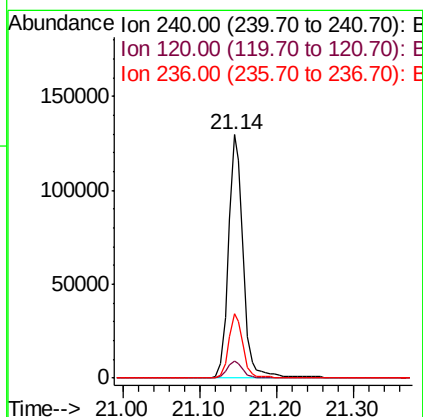
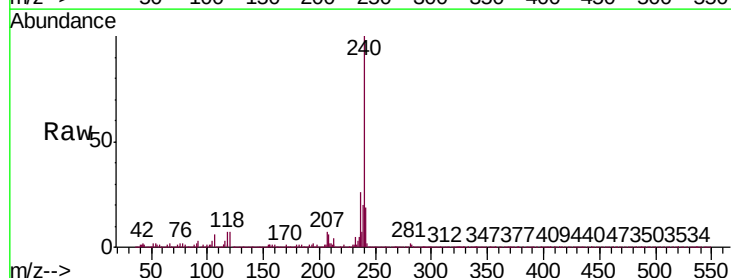
Instrument :
BNA_P
ClientSampleId :
FB-01142020

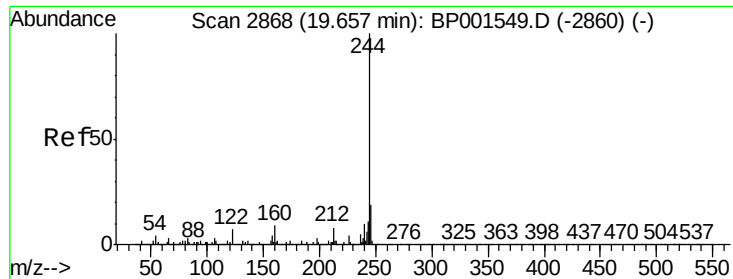
Tgt Ion:188 Resp: 182003
Ion Ratio Lower Upper
188 100
94 7.6 5.9 8.9
80 9.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001619.D
Acq: 15 Jan 2020 20:47

Tgt Ion:240 Resp: 173139
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 26.3 20.4 30.6





#79

Terphenyl-d14

Concen: 93.342 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

Instrument :

BNA_P

ClientSampleId :

FB-01142020

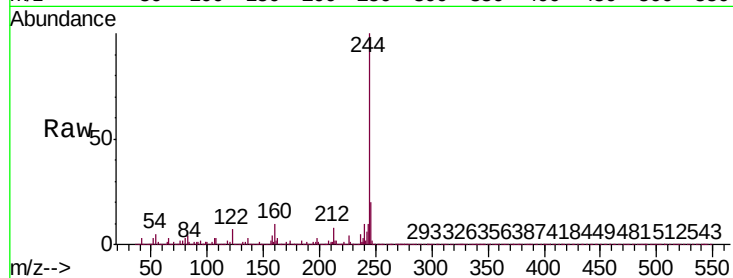
Tgt Ion:244 Resp: 883591

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

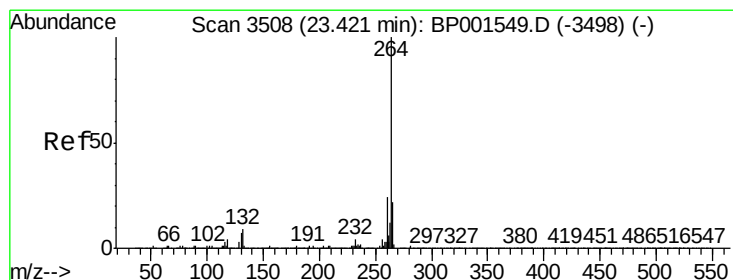
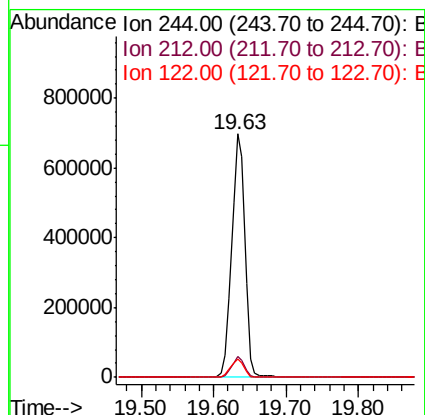
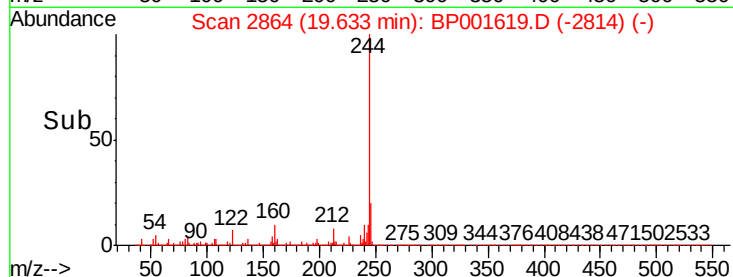
122 7.3 5.8 8.6



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# 3500

Delta R.T. -0.02 min

Lab File: BP001619.D

Acq: 15 Jan 2020 20:47

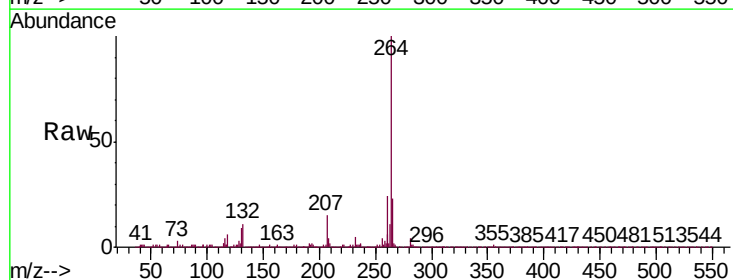
Tgt Ion:264 Resp: 176697

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.5 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

