

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001567.D
 Acq On : 08 Jan 2020 23:40
 Operator : JU
 Sample : L1051-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4G-(16-18)

Quant Time: Jan 09 04:55:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

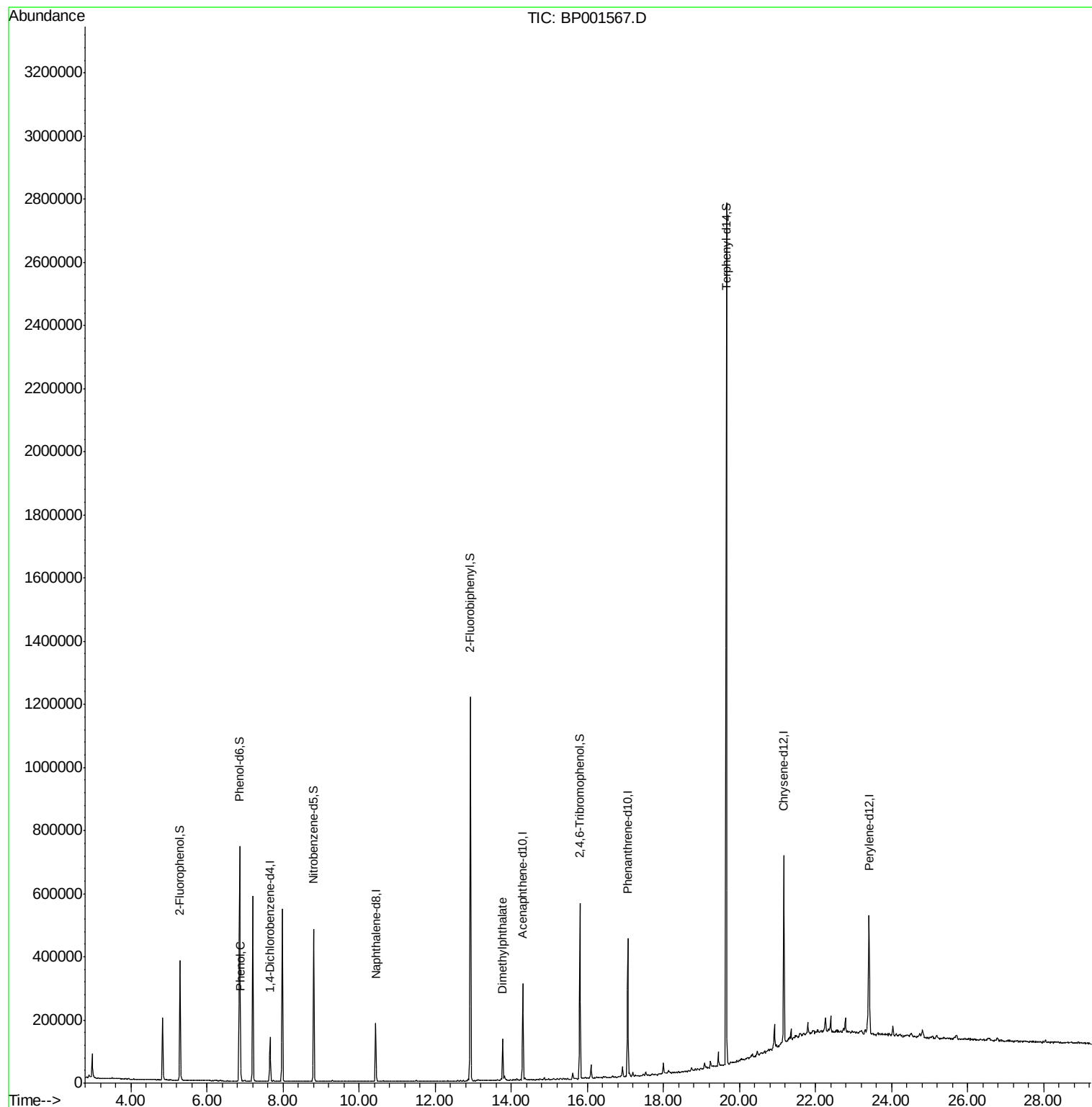
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	30351	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	127289	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	98191	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	250250	20.00	ng	0.00
76) Chrysene-d12	21.16	240	264588	20.00	ng	-0.01
87) Perylene-d12	23.40	264	282057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	121785	78.60	ng	0.00
7) Phenol-d6	6.86	99	304685	123.04	ng	0.00
23) Nitrobenzene-d5	8.80	82	234930	80.65	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	84769	56.71	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	562149	84.17	ng	0.00
79) Terphenyl-d14	19.65	244	1183972	81.85	ng	0.00
Target Compounds						
10) Phenol	6.88	94	15686	6.124	ng	97
50) Dimethylphthalate	13.77	163	70595	8.729	ng	98

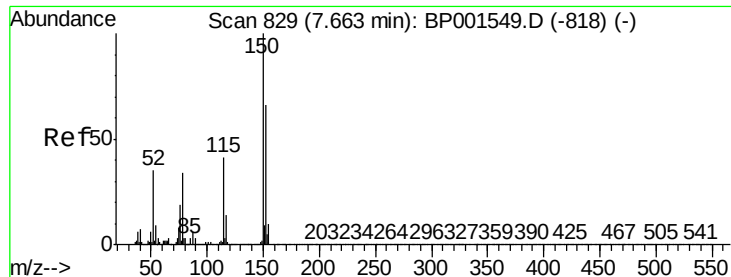
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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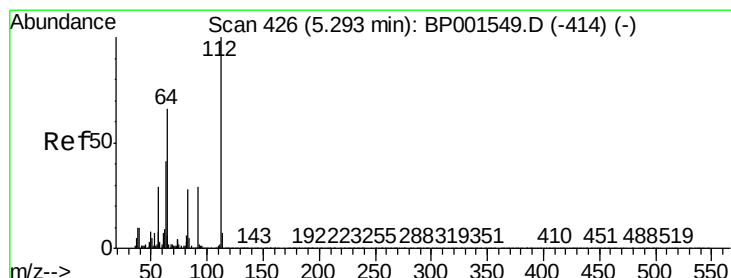
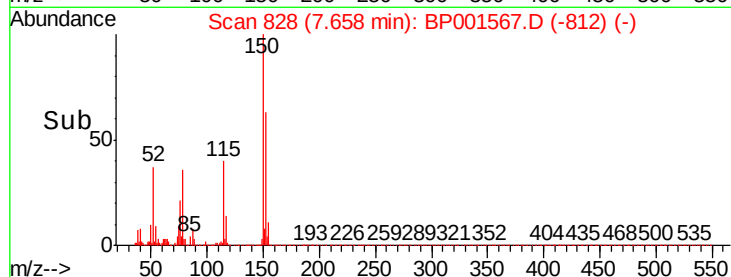
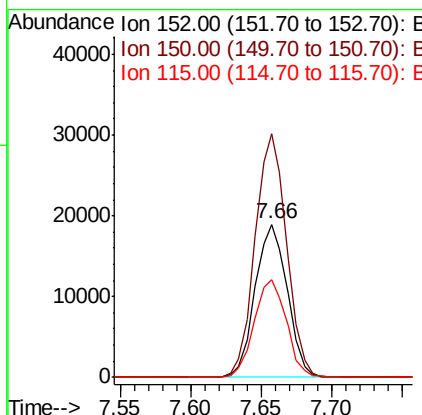
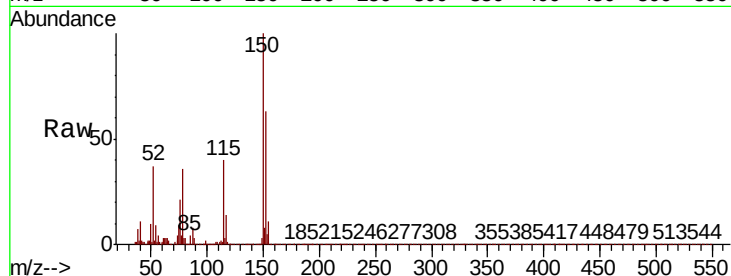


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

Instrument :
BNA_P
ClientSampleId :
SB-4G-(16-18)

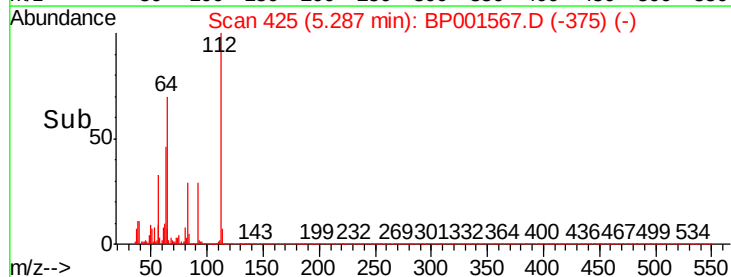
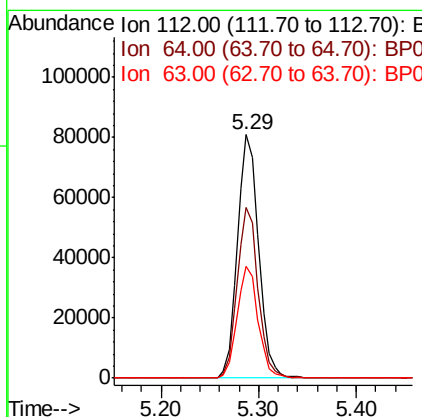
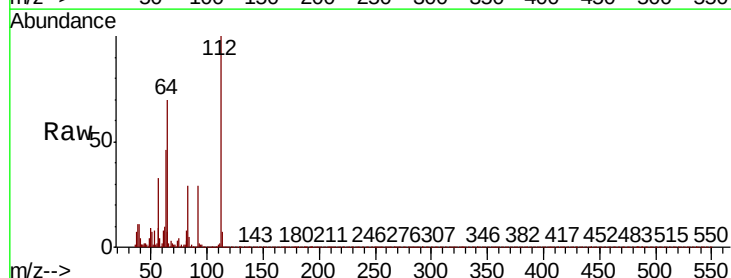
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.0	183.0
115	63.6	50.7	76.1

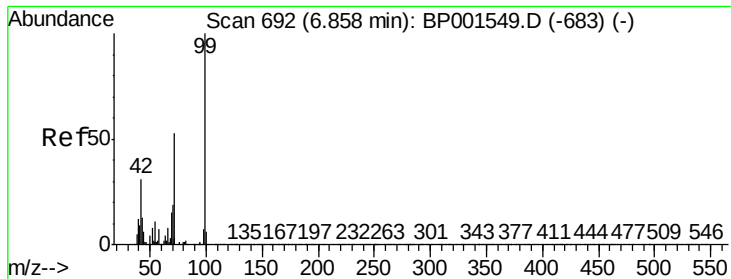


#5

2-Fluorophenol
Concen: 78.602 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	52.8	79.2
63	46.0	33.1	49.7





#7

Phenol-d6

Concen: 123.044 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

Instrument :

BNA_P

ClientSampleId :

SB-4G-(16-18)

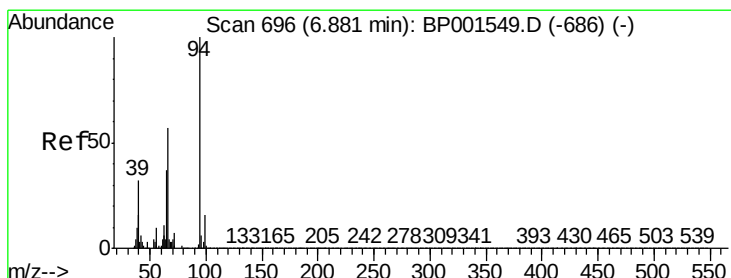
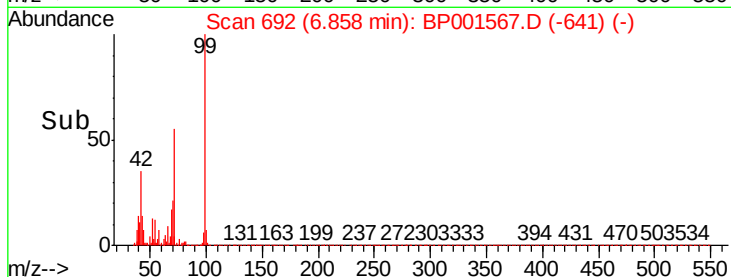
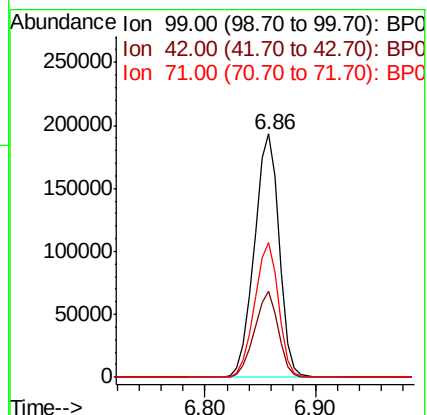
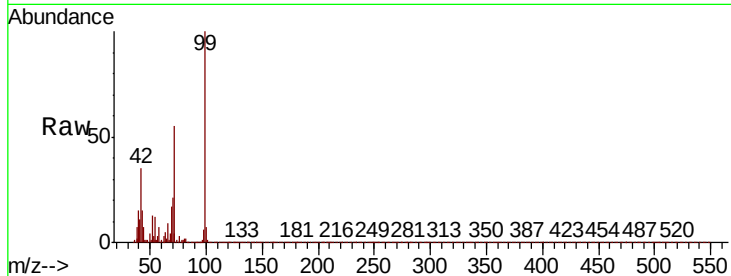
Tot Ion: 99 Resp: 304685

Ion Ratio Lower Upper

99 100

42 35.2 24.5 36.7

71 55.3 42.4 63.6



#10

Phenol

Concen: 6.124 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.00 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

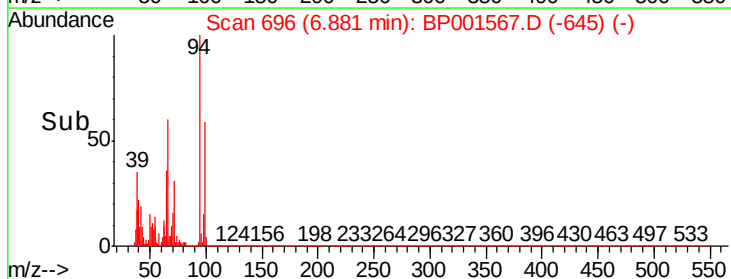
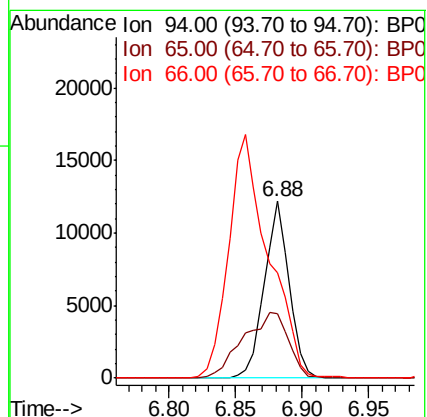
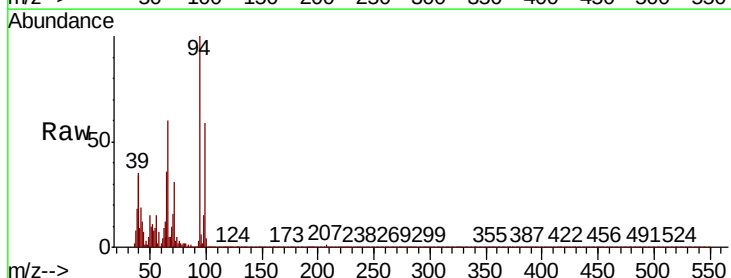
Tgt Ion: 94 Resp: 15686

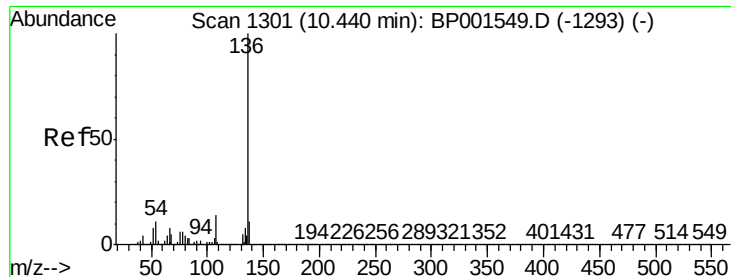
Ion Ratio Lower Upper

94 100

65 36.1 17.5 57.5

66 59.6 36.7 76.7

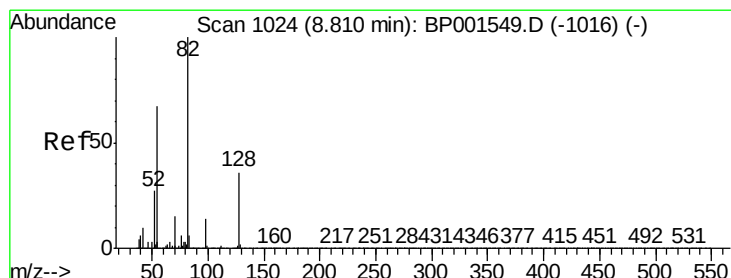
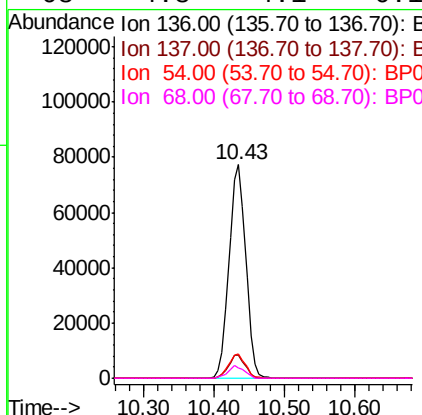
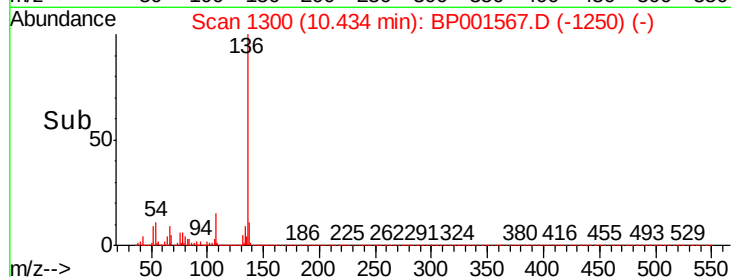
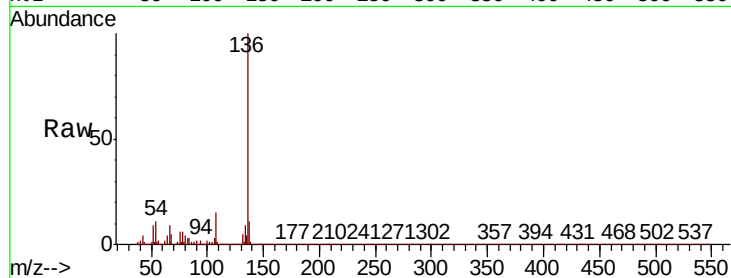




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

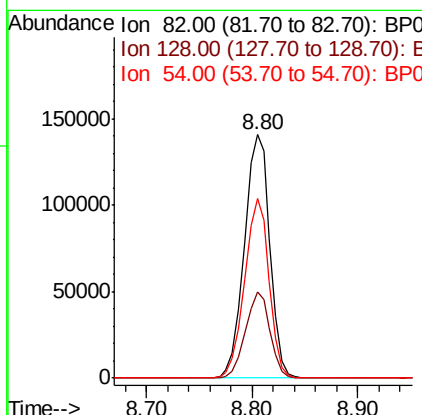
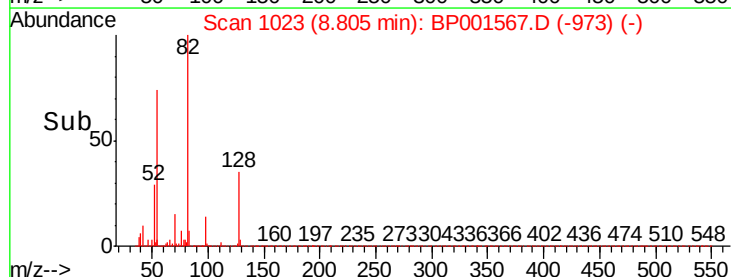
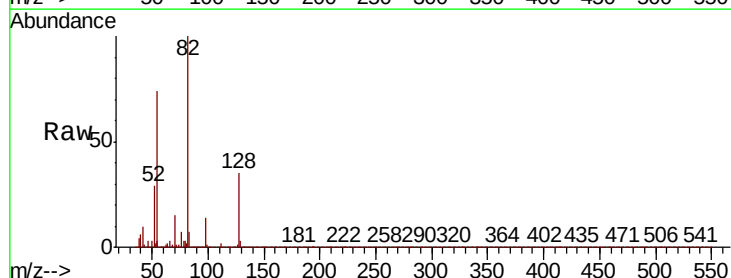
Instrument :
BNA_P
ClientSampleId :
SB-4G-(16-18)

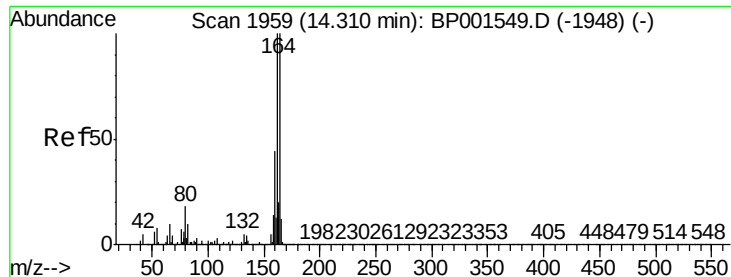
Tot Ion:136	Resp:	127289
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	12.8
54 11.2	9.2	13.8
68 4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 80.650 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

Tgt Ion: 82	Resp: 234930
Ion Ratio	Lower Upper
82 100	
128 35.5	28.4 42.6
54 73.9	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

Instrument :

BNA_P

ClientSampleId :

SB-4G-(16-18)

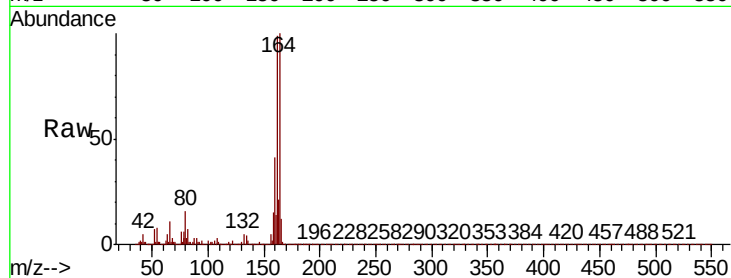
Tot Ion:164 Resp: 98191

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

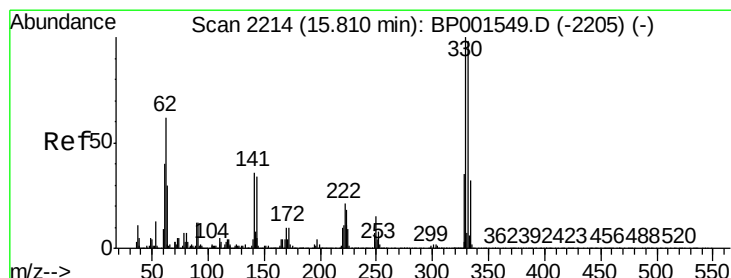
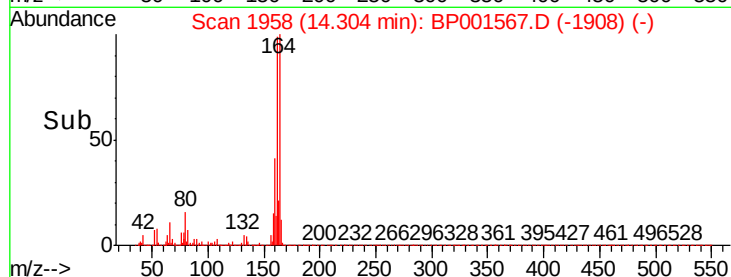
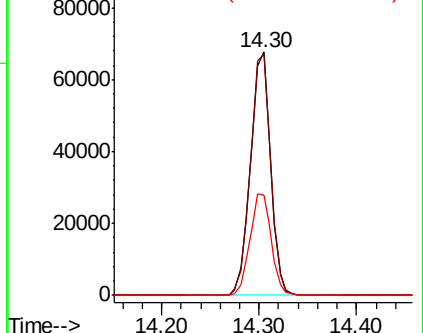
160 41.4 35.0 52.6



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: 56.714 ng

RT: 15.80 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

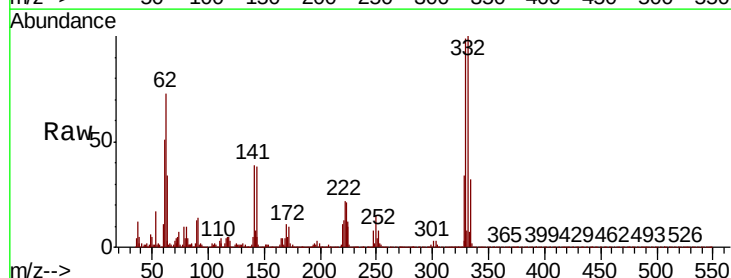
Tgt Ion:330 Resp: 84769

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

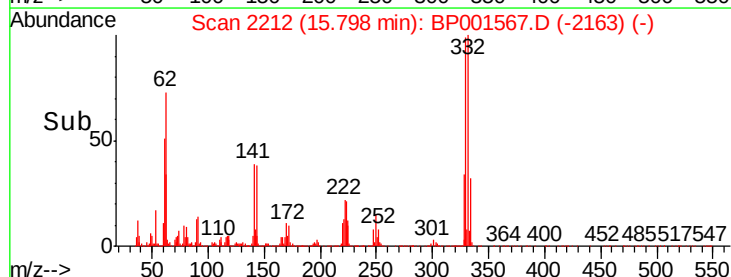
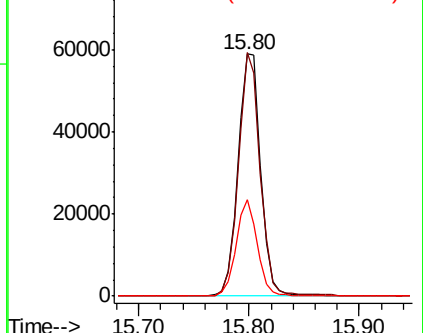
141 37.0 28.7 43.1

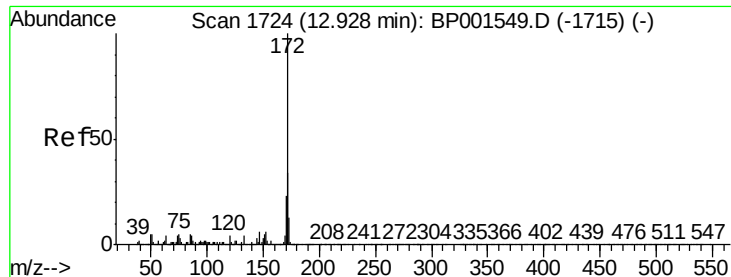


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

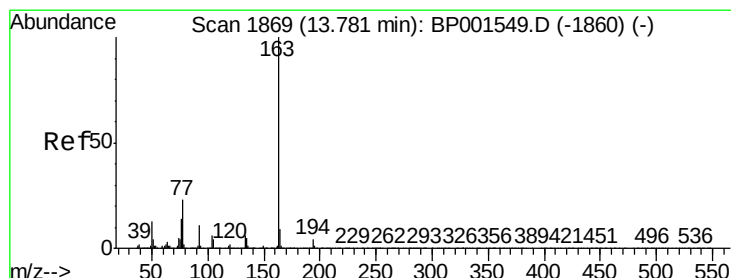
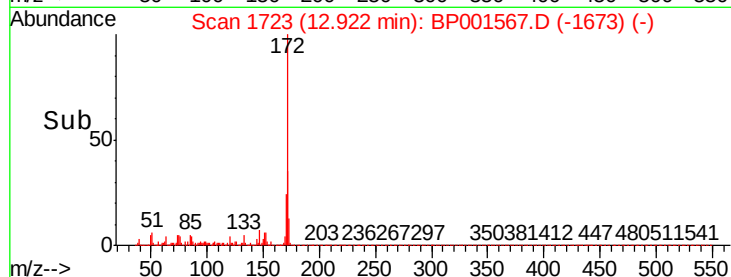
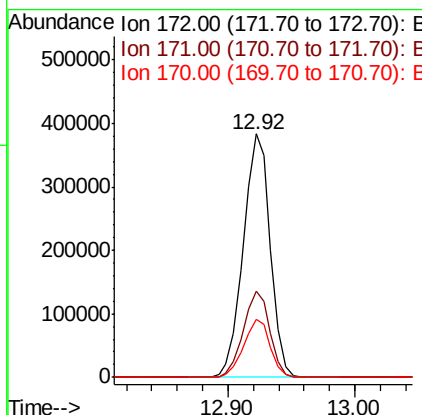
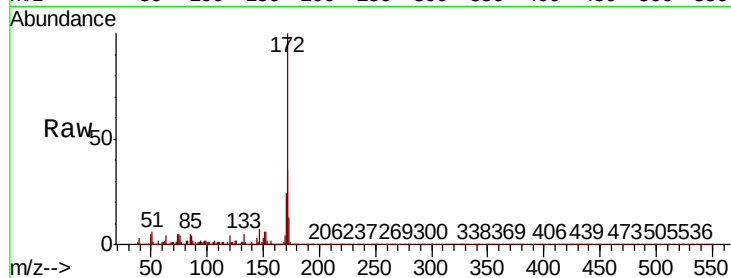




#45
2-Fluorobiphenyl
Concen: 84.174 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

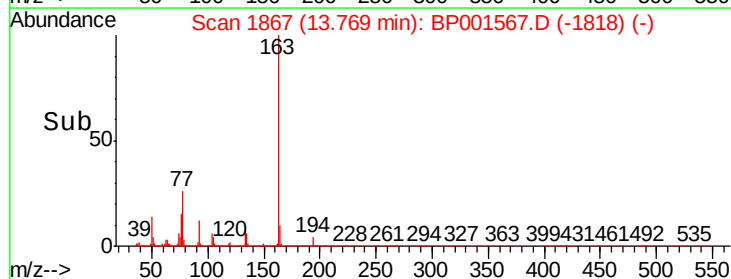
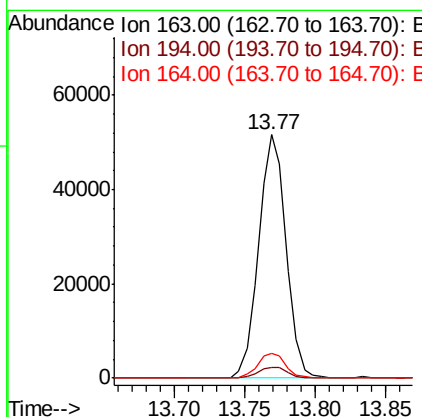
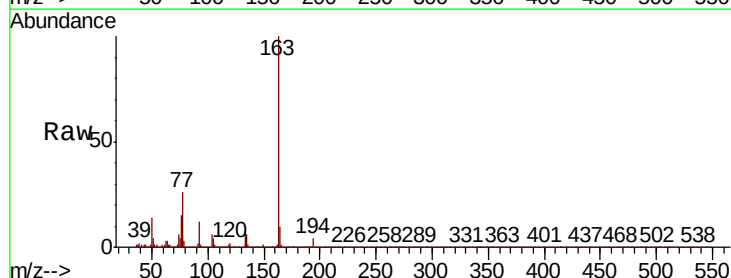
Instrument :
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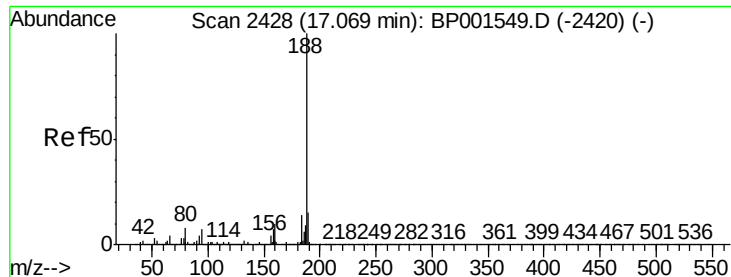
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	23.6	18.3	27.5



#50
Dimethylphthalate
Concen: 8.729 ng
RT: 13.77 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BP001567.D
Acq: 08 Jan 2020 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.4	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

Instrument :

BNA_P

ClientSampleId :

SB-4G-(16-18)

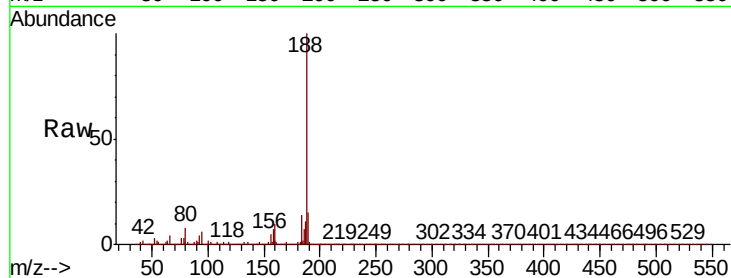
Tot Ion:188 Resp: 250250

Ion Ratio Lower Upper

188 100

94 6.0 5.9 8.9

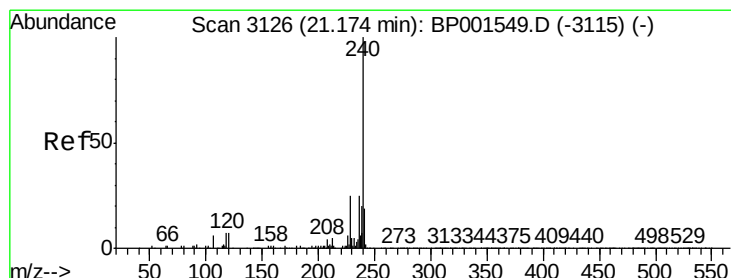
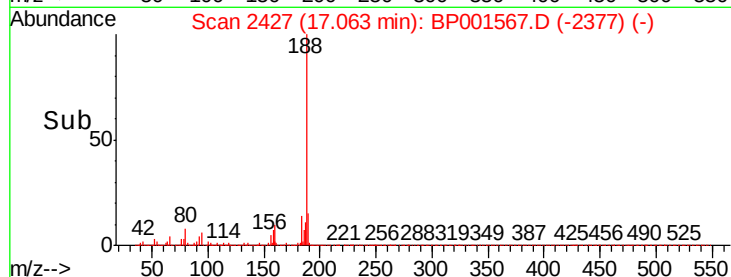
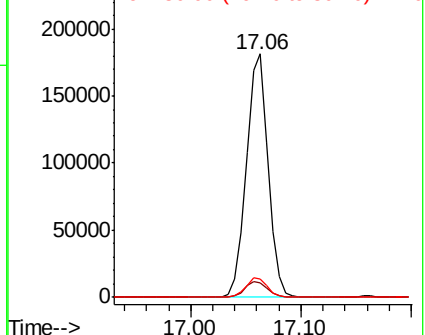
80 7.7 6.8 10.2



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: 21.16 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

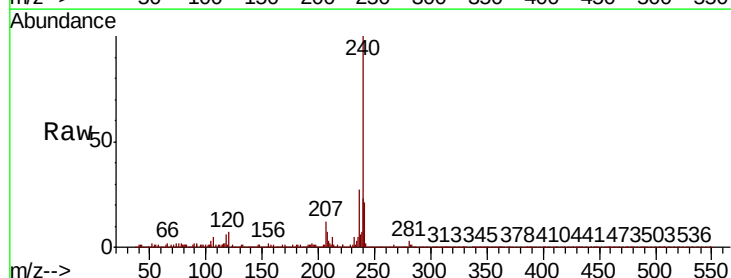
Tgt Ion:240 Resp: 264588

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

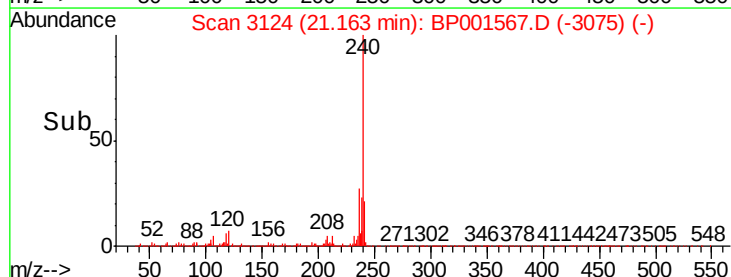
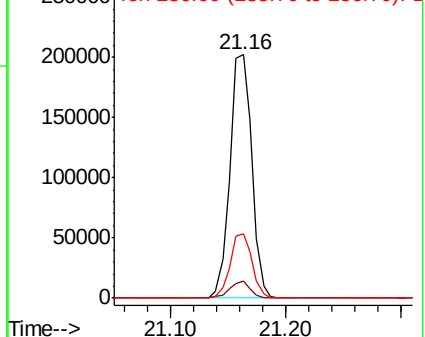
236 26.6 20.4 30.6

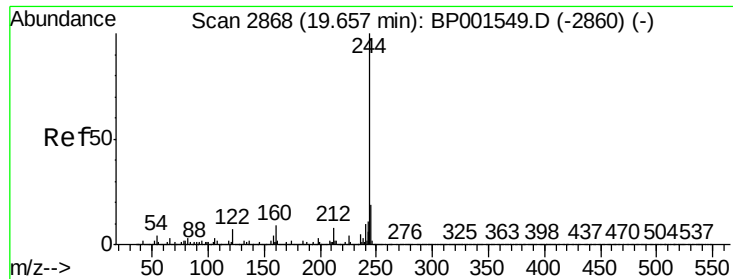


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.845 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

Instrument :

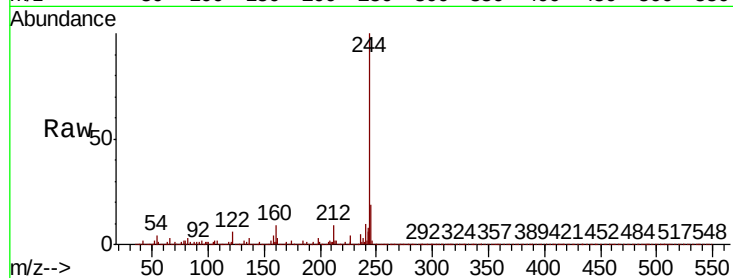
BNA_P

ClientSampleId :

SB-4G-(16-18)

Tot Ion:244 Resp: 1183972

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	6.4	5.8	8.6

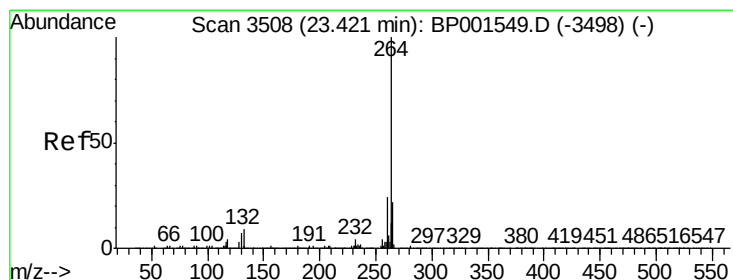
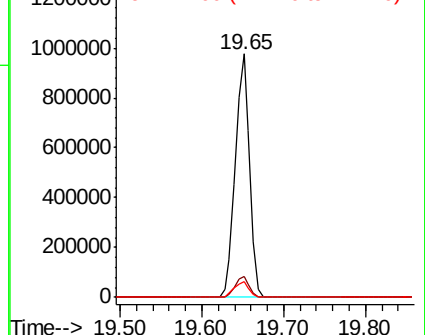
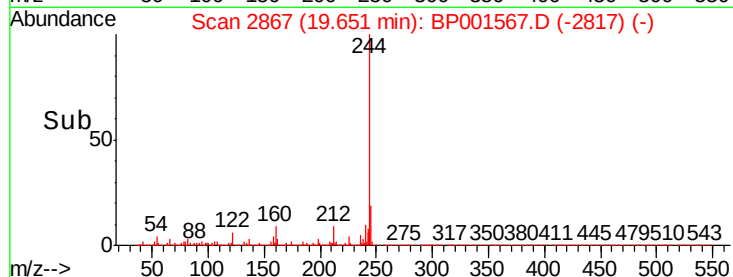


Abundance

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: 23.40 min Scan# 3504

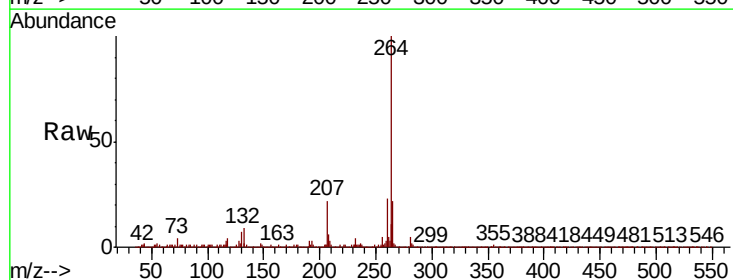
Delta R.T. -0.02 min

Lab File: BP001567.D

Acq: 08 Jan 2020 23:40

Tgt Ion:264 Resp: 282057

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.8	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

