

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001654.D
 Acq On : 17 Jan 2020 13:24
 Operator : JU
 Sample : L1148-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 18 02:59:48 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

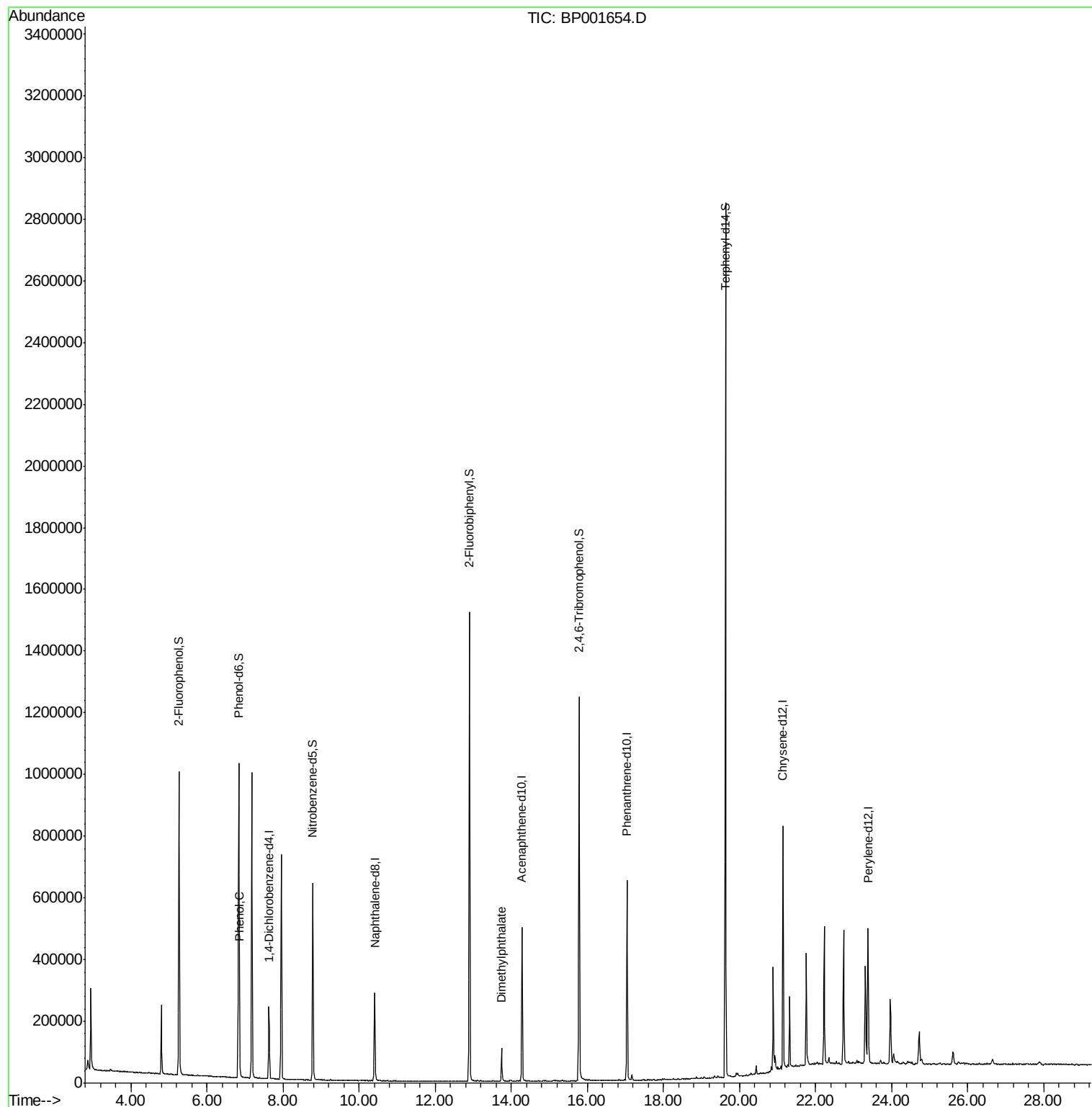
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	52741	20.00	ng	-0.01
21) Naphthalene-d8	10.41	136	210488	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	155939	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	380317	20.00	ng	0.00
76) Chrysene-d12	21.15	240	343022	20.00	ng	-0.01
87) Perylene-d12	23.38	264	321177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	314965	116.98	ng	0.00
7) Phenol-d6	6.83	99	467158	108.57	ng	0.00
23) Nitrobenzene-d5	8.78	82	326321	67.74	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	204353	86.09	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	700625	66.06	ng	0.00
79) Terphenyl-d14	19.63	244	1266614	67.54	ng	0.00
Target Compounds						
10) Phenol	6.86	94	11566	2.598	ng	84
50) Dimethylphthalate	13.75	163	66421	5.171	ng	# 98

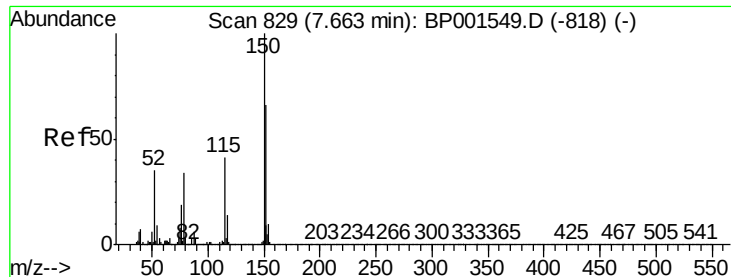
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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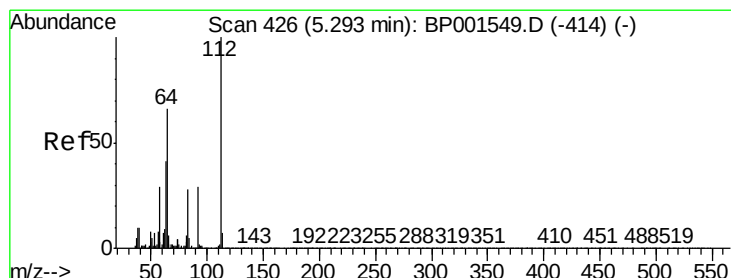
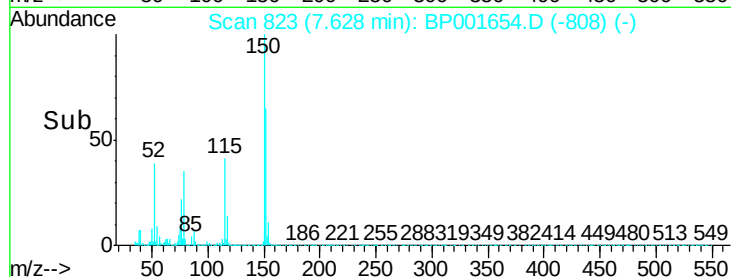
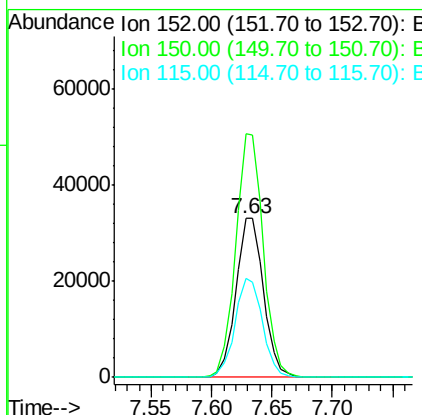
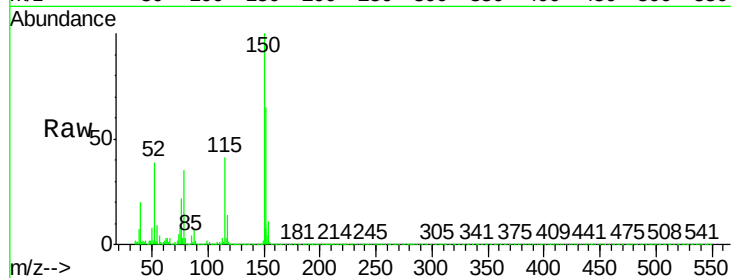


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

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

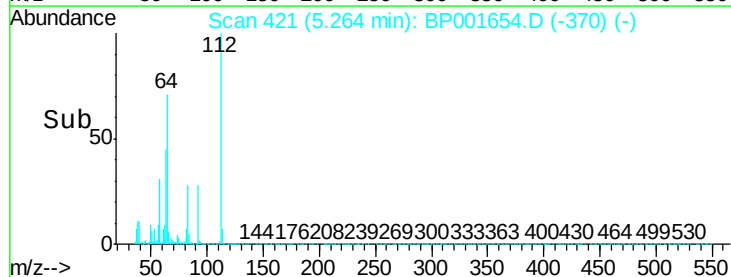
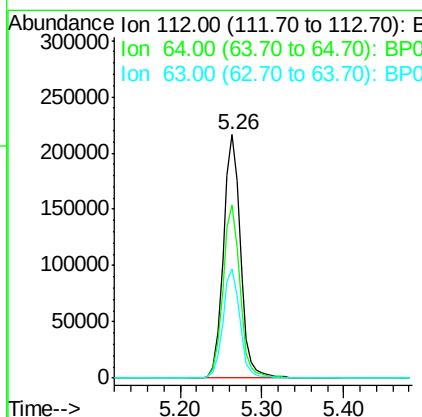
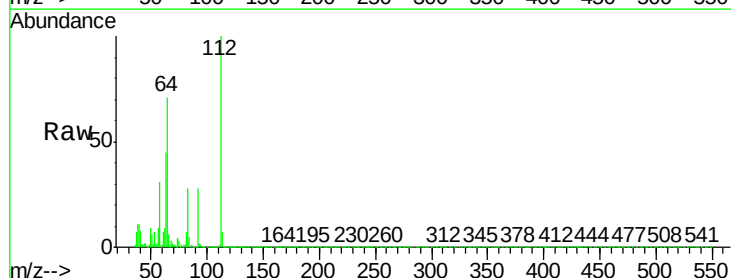
Tot Ion	152	Resp	52741
Ion Ratio	Lower	Upper	
152	100		
150	153.1	122.0	183.0
115	62.4	50.7	76.1

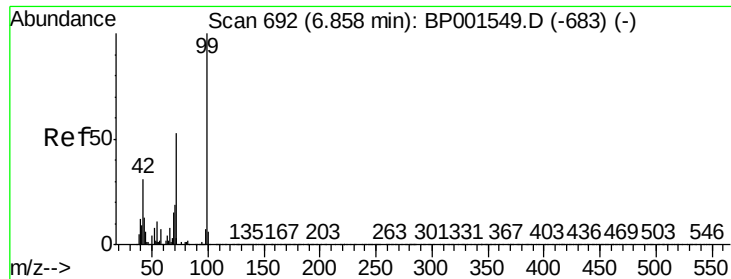


#5

2-Fluorophenol
Concen: 116.984 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

Tgt Ion	112	Resp	314965
Ion Ratio	Lower	Upper	
112	100		
64	71.3	52.8	79.2
63	44.6	33.1	49.7





#7

Phenol-d6

Concen: 108.567 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)

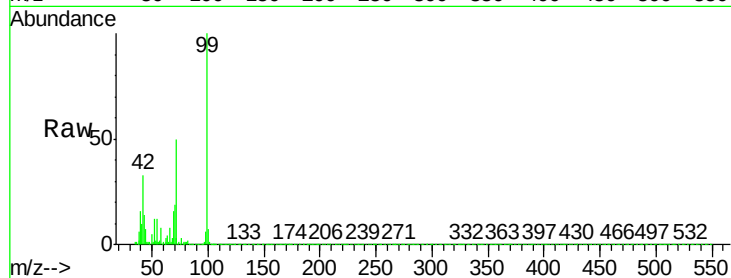
Tot Ion: 99 Resp: 467158

Ion Ratio Lower Upper

99 100

42 32.7 24.5 36.7

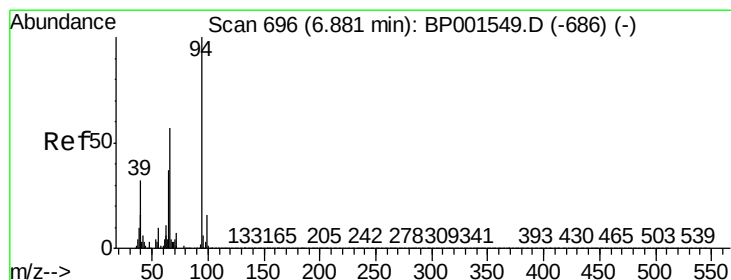
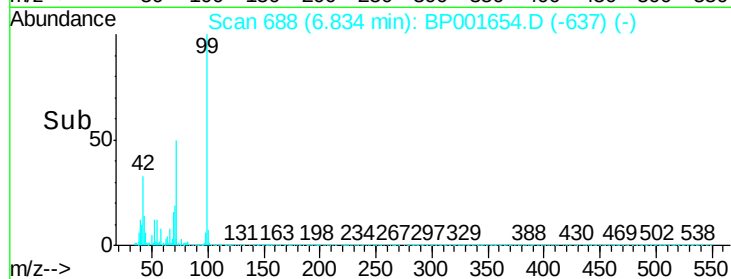
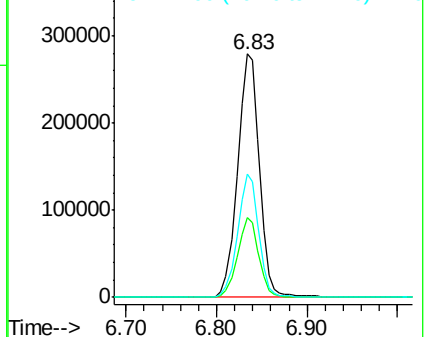
71 50.5 42.4 63.6



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: 2.598 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

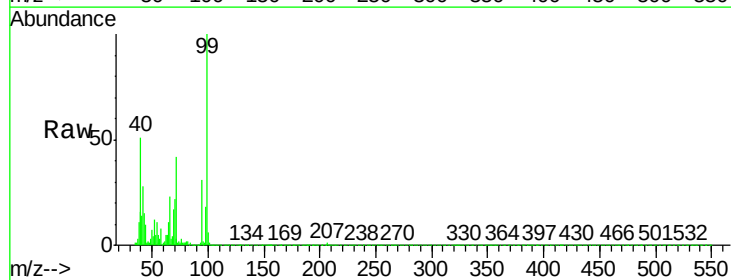
Tgt Ion: 94 Resp: 11566

Ion Ratio Lower Upper

94 100

65 37.3 17.5 57.5

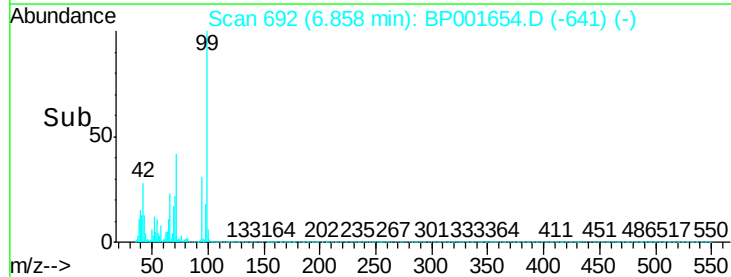
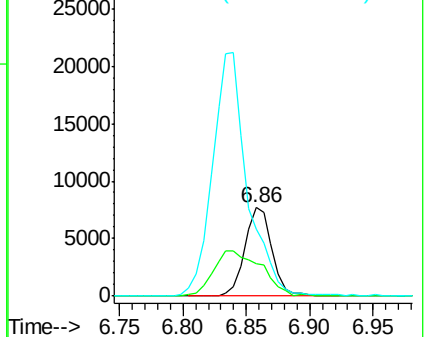
66 76.3 36.7 76.7

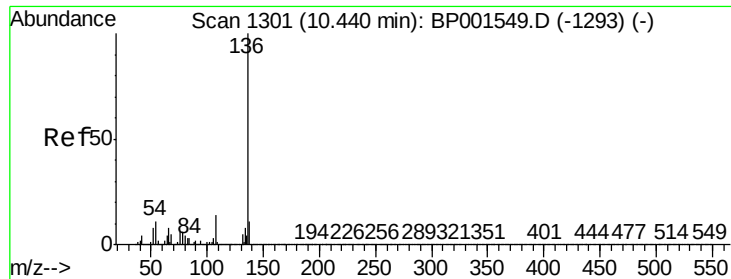


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

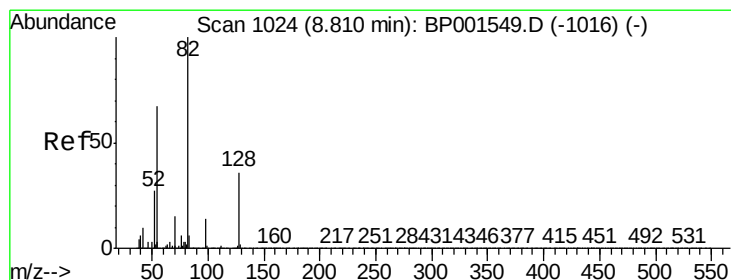
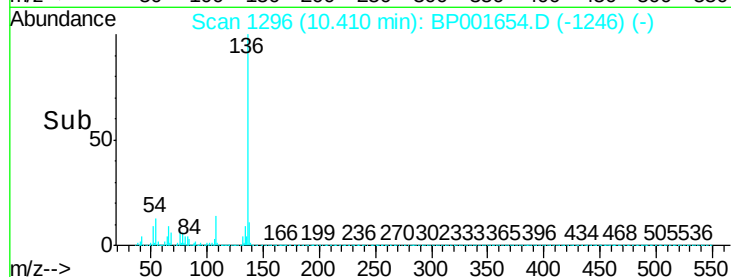
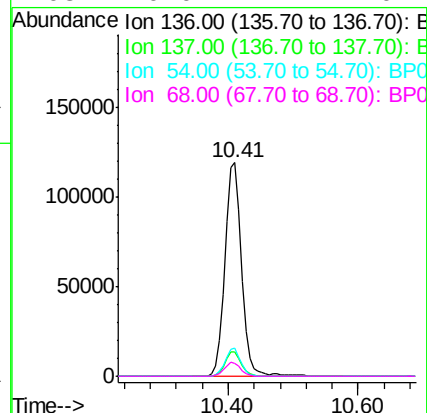
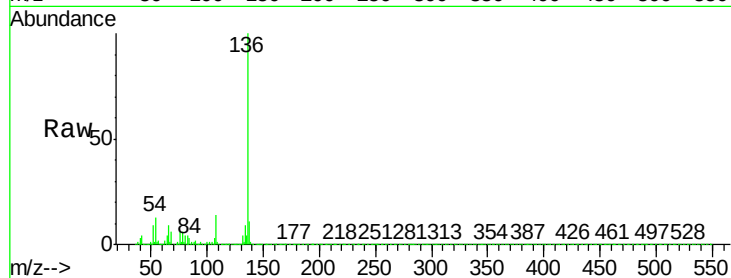




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

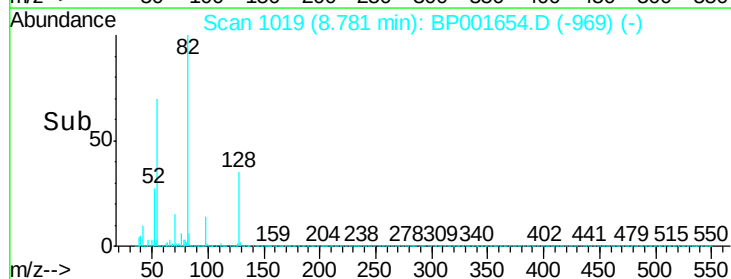
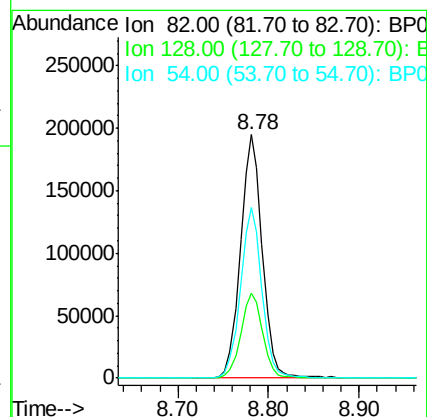
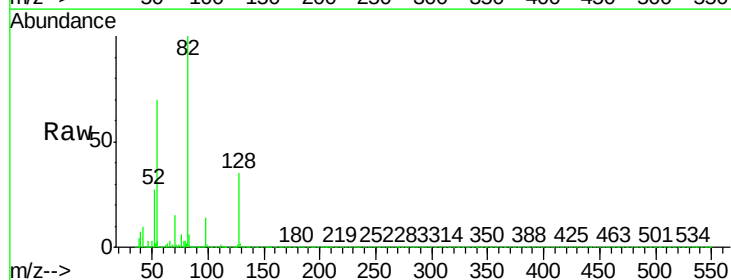
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)

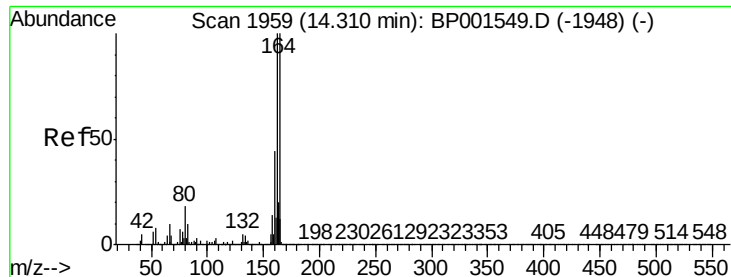
Tot Ion:136	Resp: 210488
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 12.8
54 13.4	9.2 13.8
68 6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 67.745 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

Tgt Ion: 82	Resp: 326321
Ion Ratio	Lower Upper
82 100	
128 34.7	28.4 42.6
54 69.9	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)

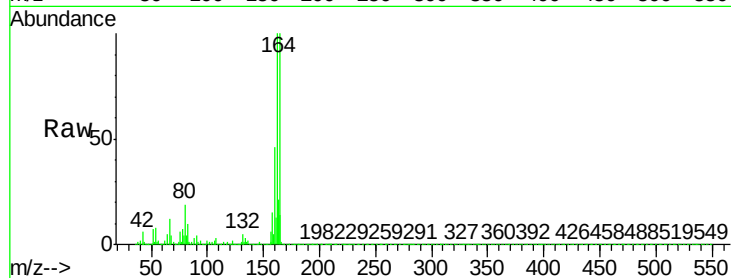
Tot Ion:164 Resp: 155939

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.6

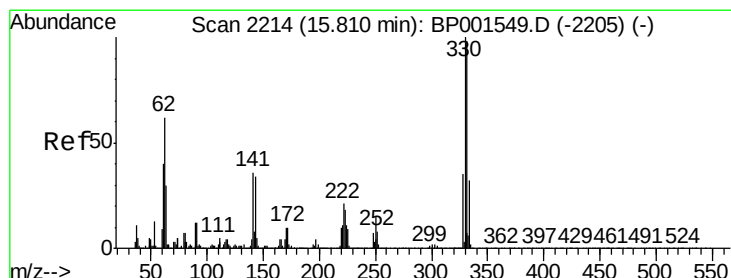
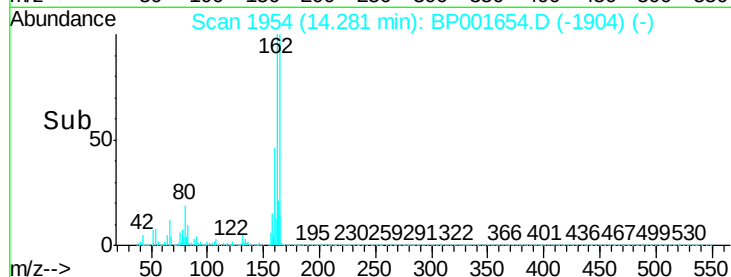
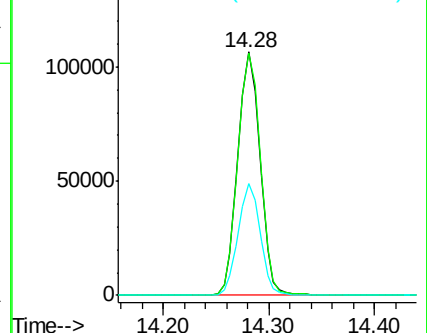
160 45.9 35.0 52.6



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: 86.090 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

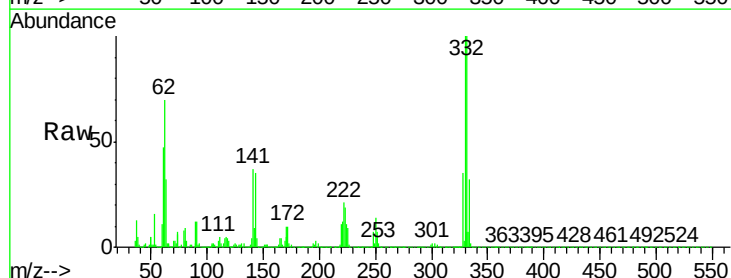
Tgt Ion:330 Resp: 204353

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

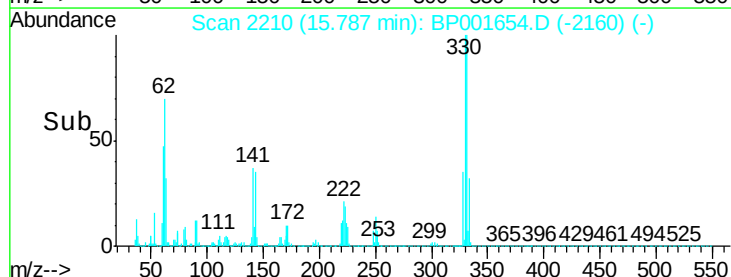
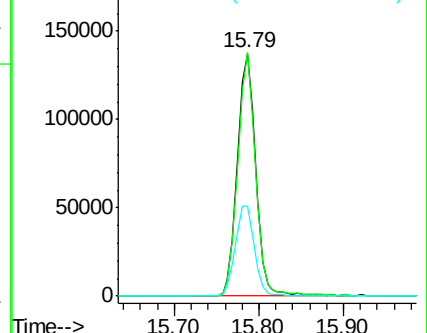
141 38.6 28.7 43.1

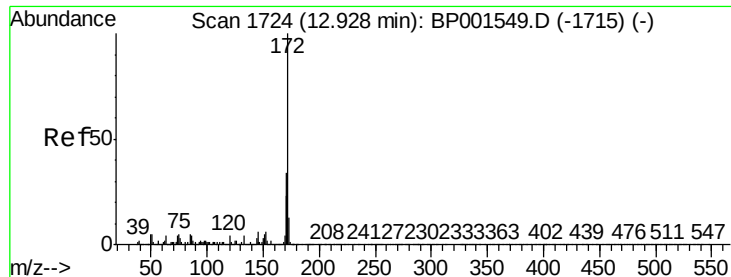


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

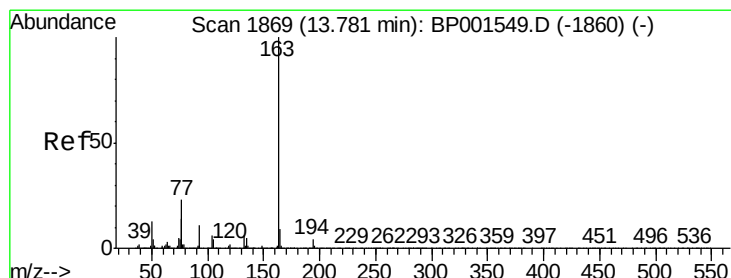
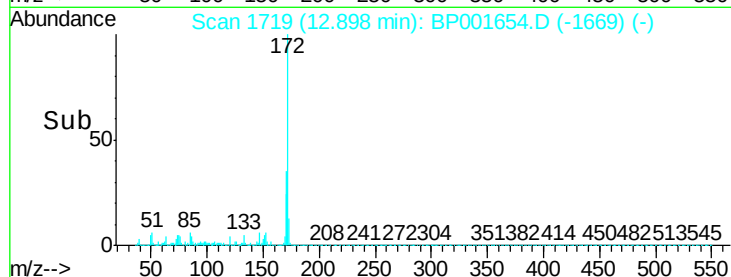
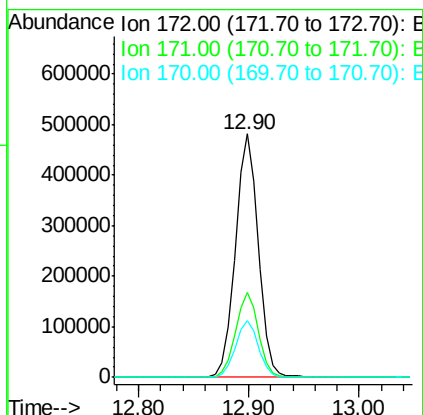
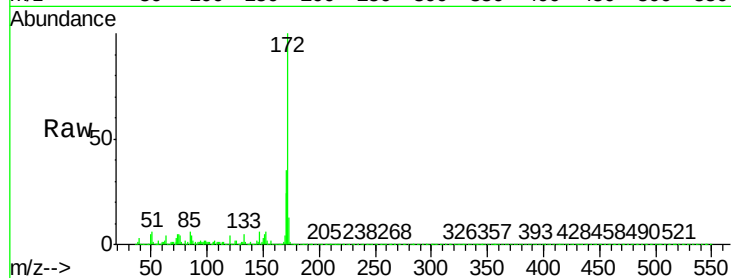




#45
2-Fluorobiphenyl
Concen: 66.059 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

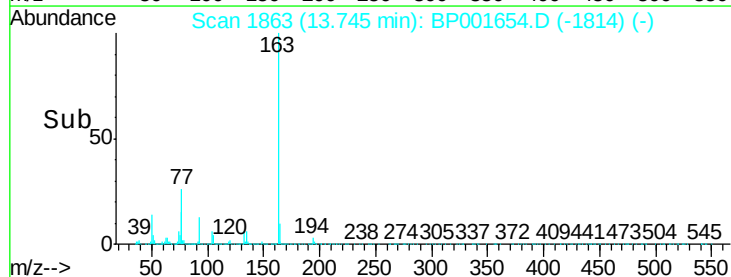
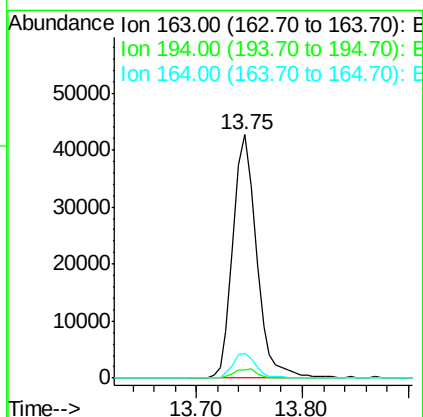
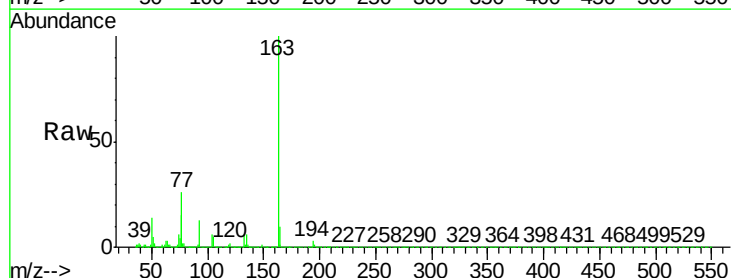
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)

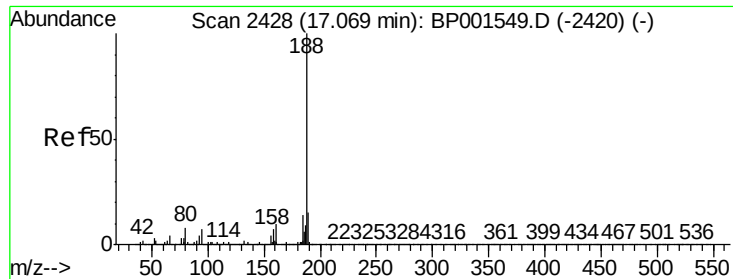
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.5	18.3	27.5



#50
Dimethylphthalate
Concen: 5.171 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001654.D
Acq: 17 Jan 2020 13:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	10.1	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

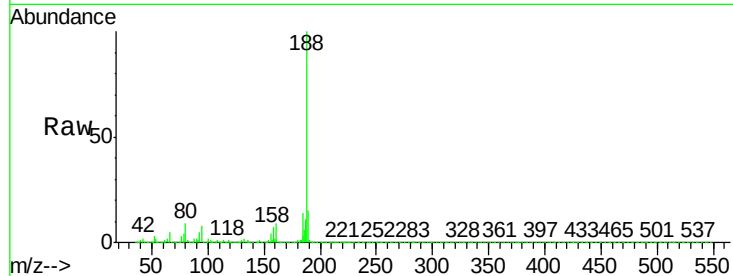
Instrument :

BNA_P

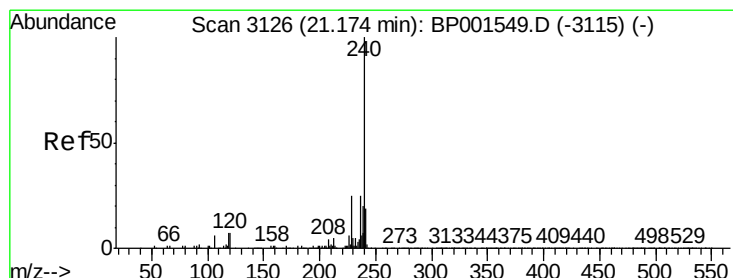
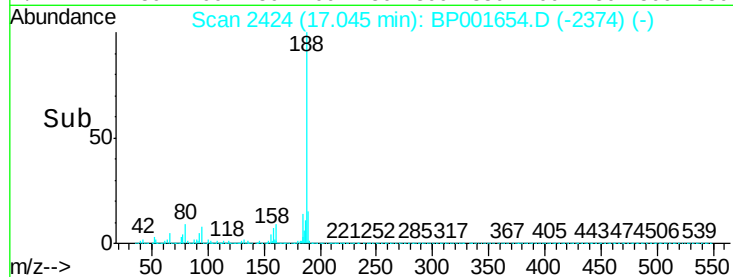
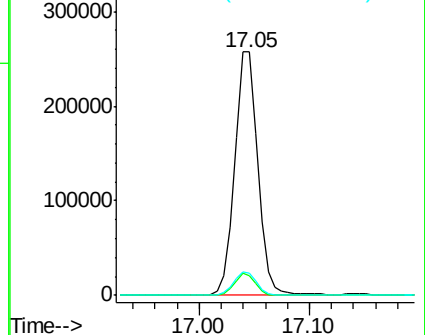
ClientSampleId :

SB-28-(4-6)

Tot Ion:188	Resp:	380317
Ion Ratio	Lower	Upper
188	100	
94	7.9	5.9 8.9
80	9.2	6.8 10.2



Abundance Ion 188.00 (187.70 to 188.70): E



#76

Chrysene-d12

Concen: 20.000 ng

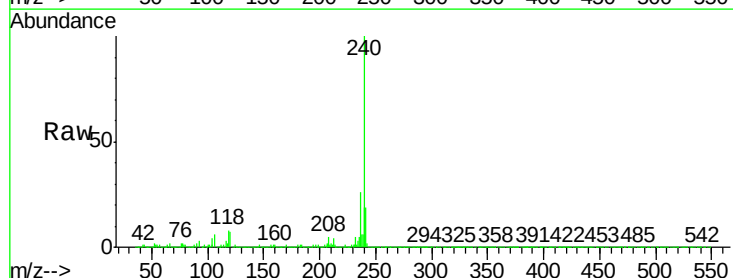
RT: 21.15 min Scan# 3121

Delta R.T. -0.01 min

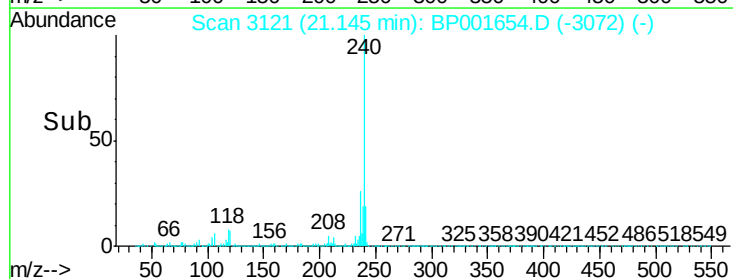
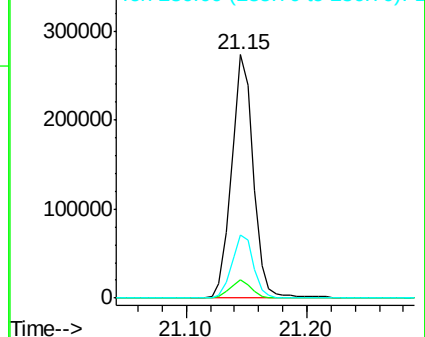
Lab File: BP001654.D

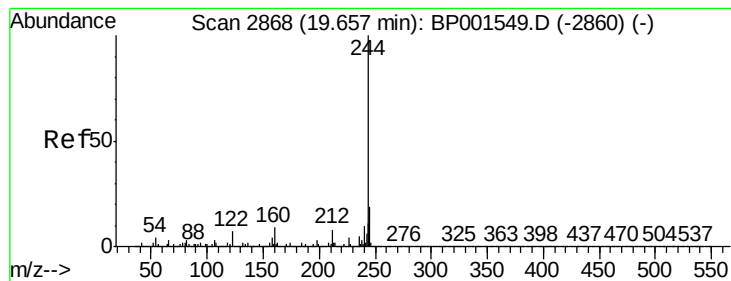
Acq: 17 Jan 2020 13:24

Tgt Ion:240	Resp:	343022
Ion Ratio	Lower	Upper
240	100	
120	7.5	5.7 8.5
236	26.1	20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E





#79

Terphenyl-d14

Concen: 67.537 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

Instrument :

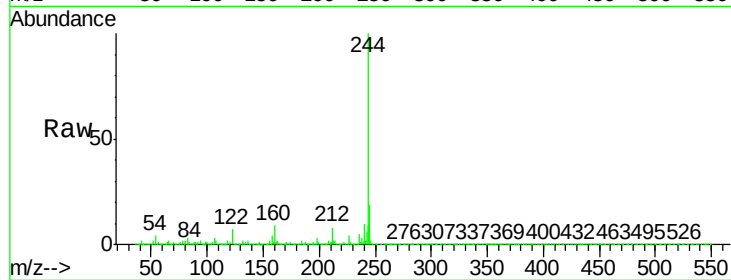
BNA_P

ClientSampleId :

SB-28-(4-6)

Tot Ion:244 Resp: 1266614

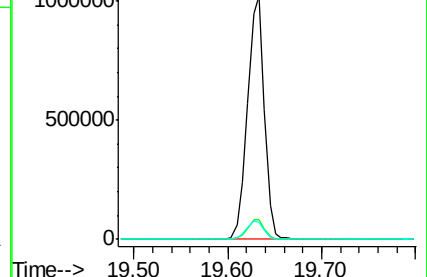
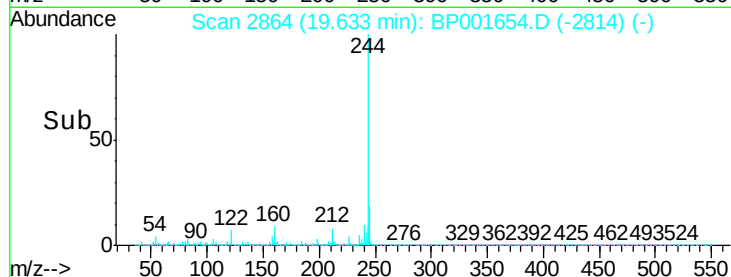
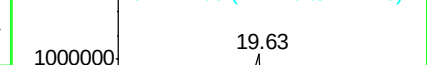
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	7.1	5.8	8.6



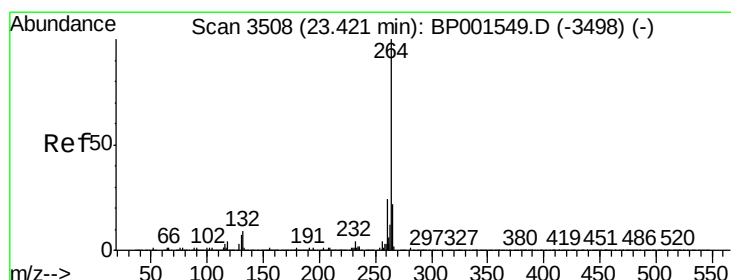
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3501

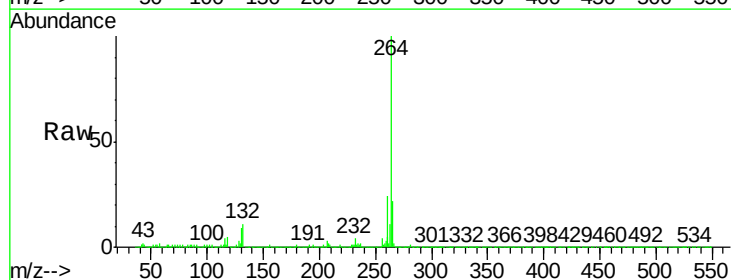
Delta R.T. -0.01 min

Lab File: BP001654.D

Acq: 17 Jan 2020 13:24

Tgt Ion:264 Resp: 321177

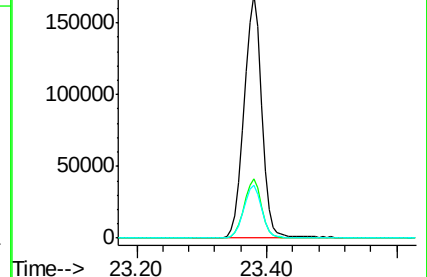
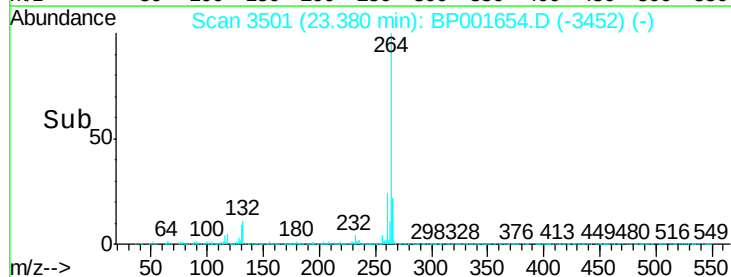
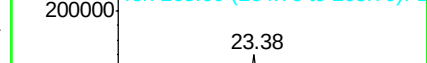
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.0	18.2	27.4



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



Time-->