

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001658.D
 Acq On : 17 Jan 2020 15:39
 Operator : JU
 Sample : L1171-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 02:32:43 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

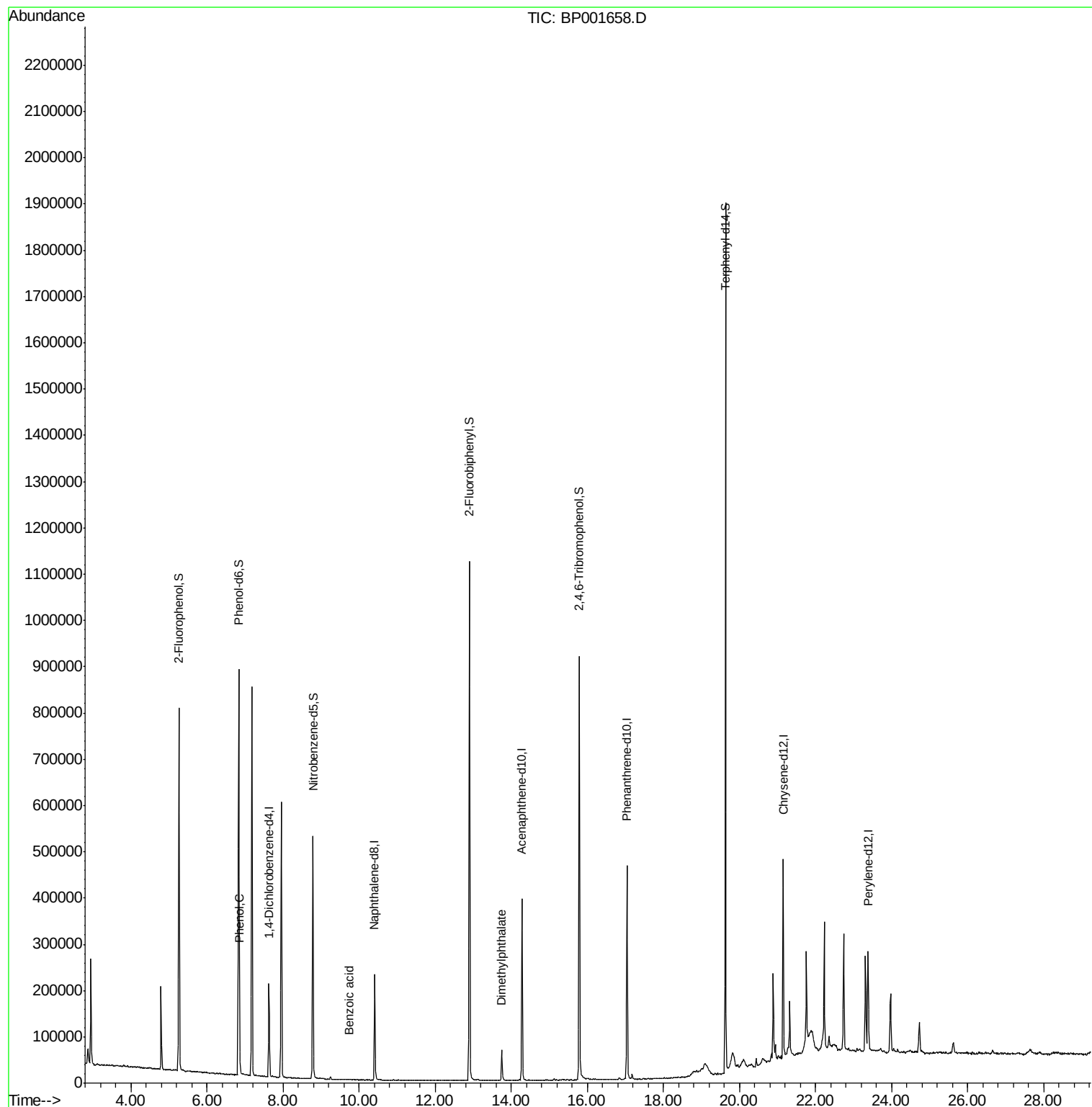
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	45074	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	170784	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	122260	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	282575	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	190648	20.00	ng	-0.01
87) Perylene-d12	23.37	264	161495	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	251847	109.45	ng	0.00
7) Phenol-d6	6.83	99	384234	104.48	ng	0.00
23) Nitrobenzene-d5	8.78	82	265411	67.91	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	145465	78.16	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	531400	63.91	ng	0.00
79) Terphenyl-d14	19.63	244	798908	76.65	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	14629	3.846	ng	95
32) Benzoic acid	9.75	122	6	4.706	ng	# 1
50) Dimethylphthalate	13.75	163	42826	4.253	ng	99

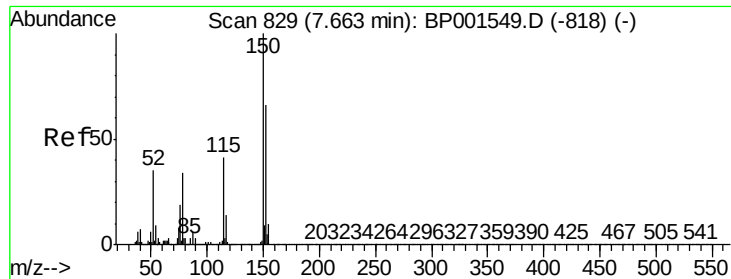
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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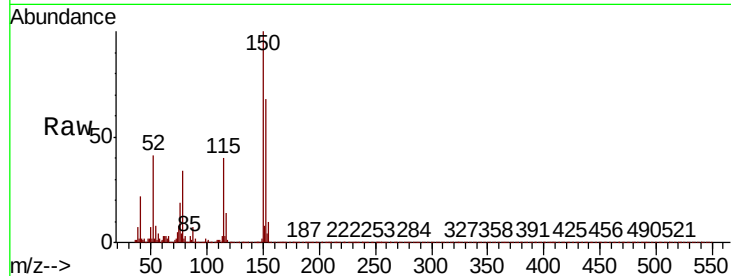


#1

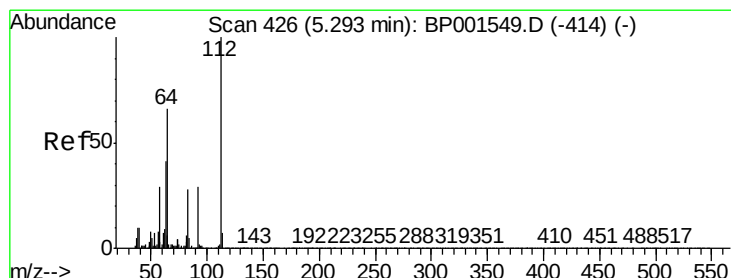
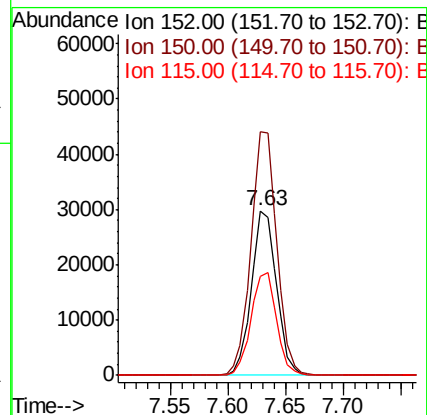
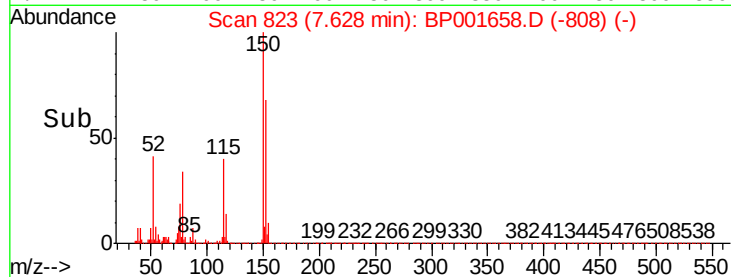
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Instrument :
BNA_P
ClientSampled :

Tot Ion:152 Resp: 45074
Ion Ratio Lower Upper
152 100
150 148.0 122.0 183.0
115 59.9 50.7 76.1



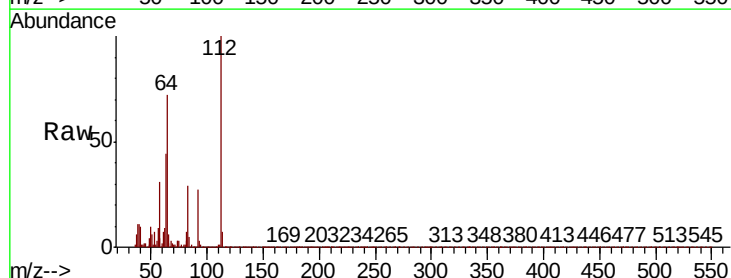
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



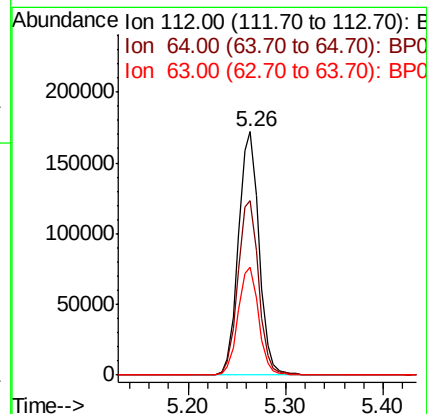
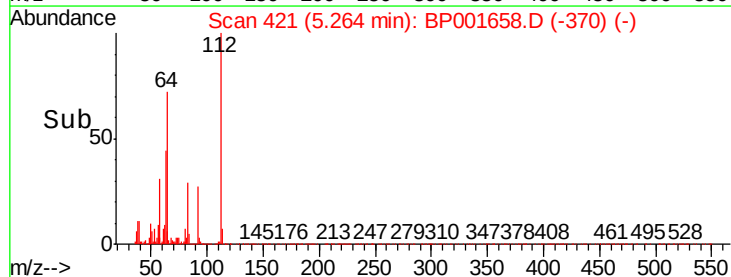
#5

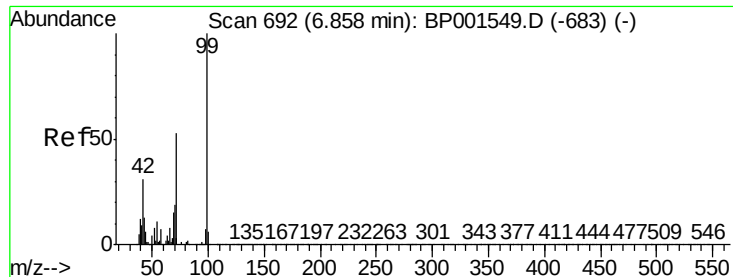
2-Fluorophenol
Concen: 109.452 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Tgt Ion:112 Resp: 251847
Ion Ratio Lower Upper
112 100
64 71.9 52.8 79.2
63 44.3 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 104.485 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001658.D

Acq: 17 Jan 2020 15:39

Instrument :

BNA_P

ClientSampleId :

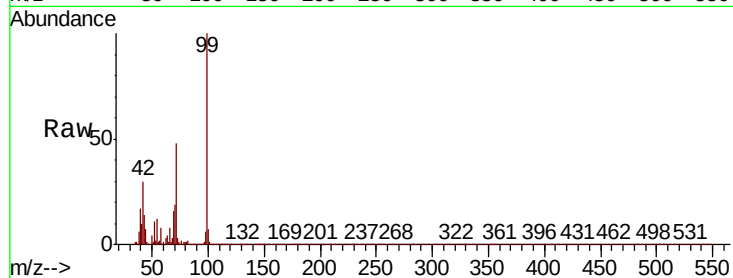
Tot Ion: 99 Resp: 384234

Ion Ratio Lower Upper

99 100

42 30.4 24.5 36.7

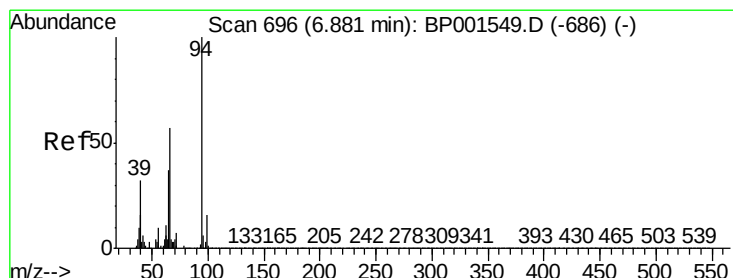
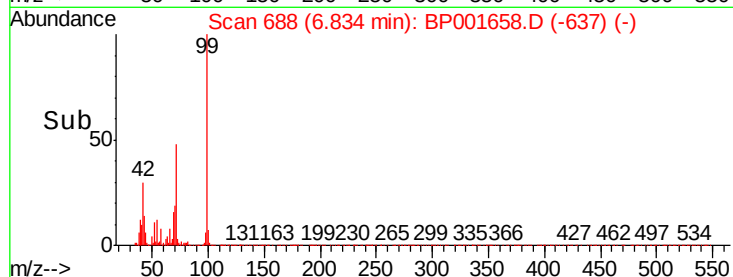
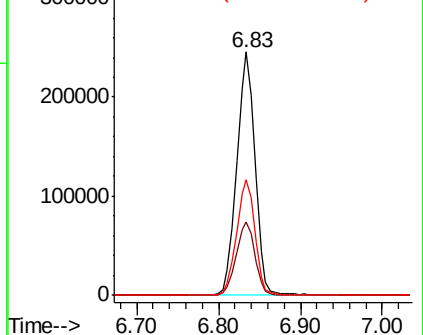
71 47.6 42.4 63.6



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: 3.846 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001658.D

Acq: 17 Jan 2020 15:39

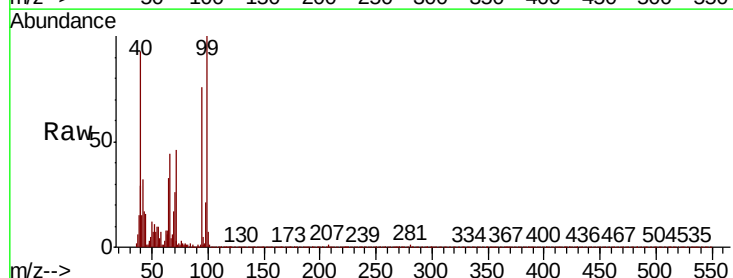
Tgt Ion: 94 Resp: 14629

Ion Ratio Lower Upper

94 100

65 43.6 17.5 57.5

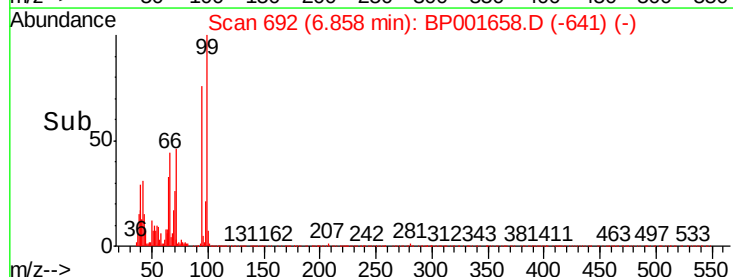
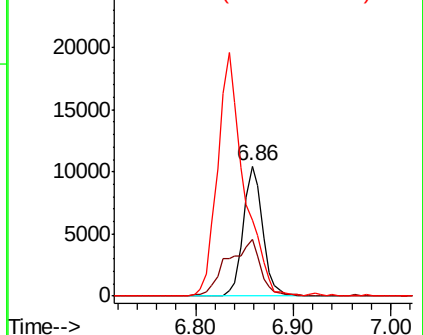
66 58.1 36.7 76.7

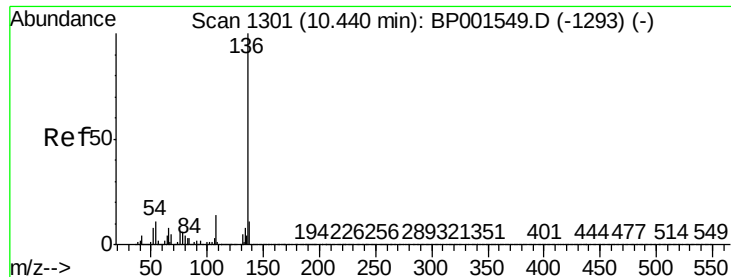


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

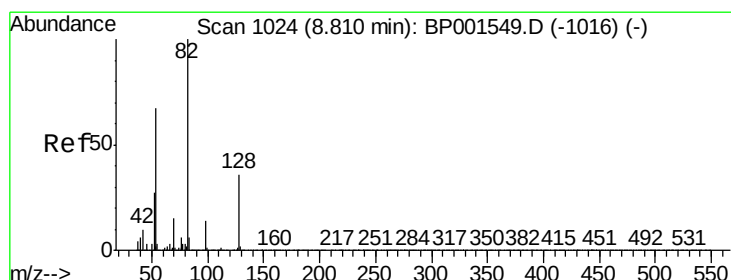
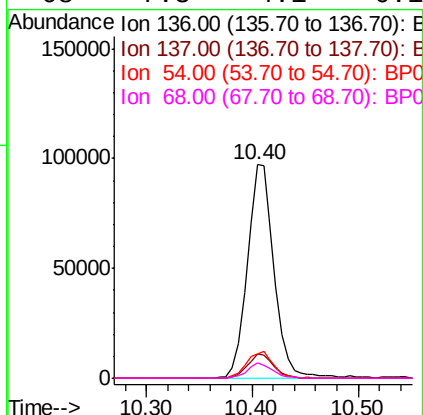
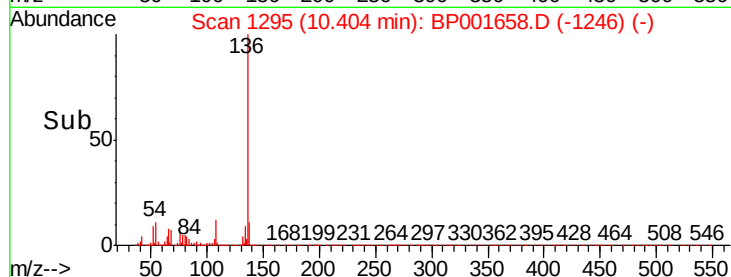
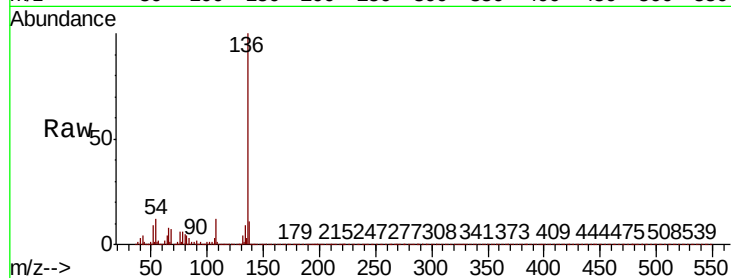




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

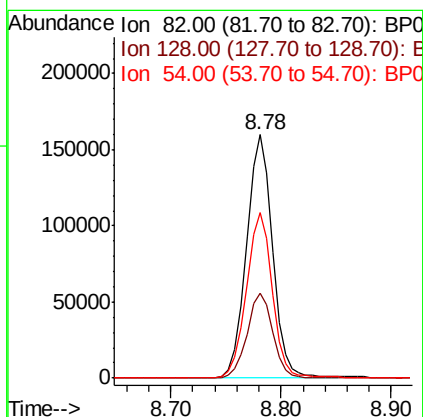
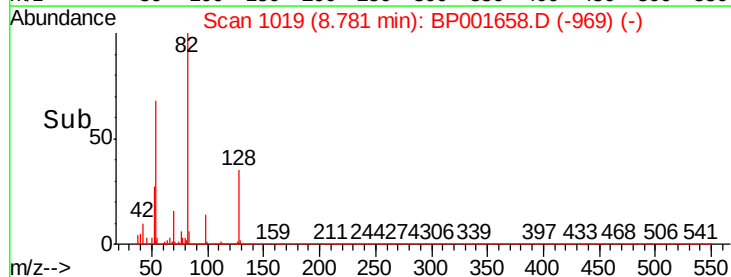
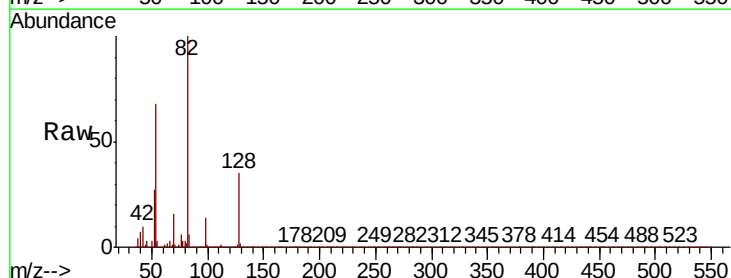
Instrument :
BNA_P
ClientSampled :

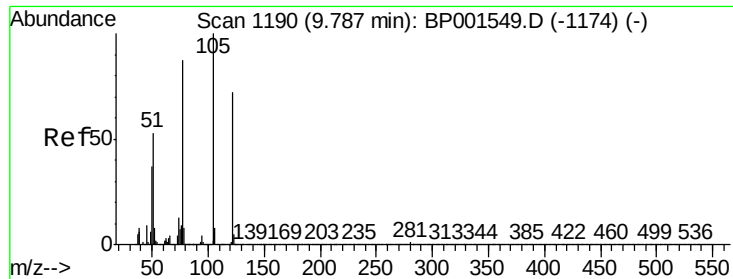
Tot Ion:136	Resp: 170784
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 12.8
54 11.5	9.2 13.8
68 7.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 67.909 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Tgt Ion: 82	Resp: 265411
Ion Ratio	Lower Upper
82 100	
128 34.9	28.4 42.6
54 67.9	53.4 80.2

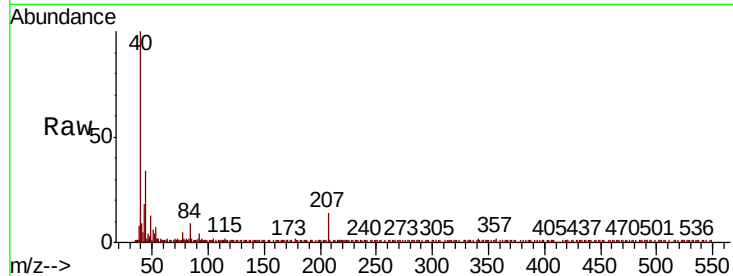




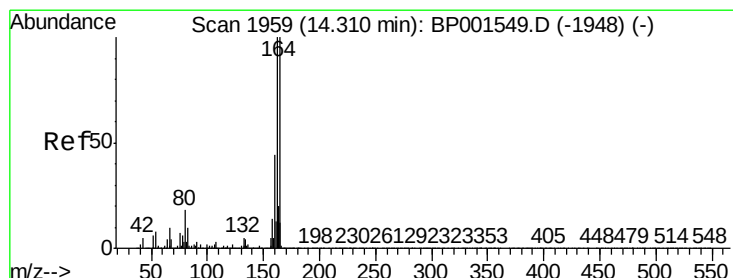
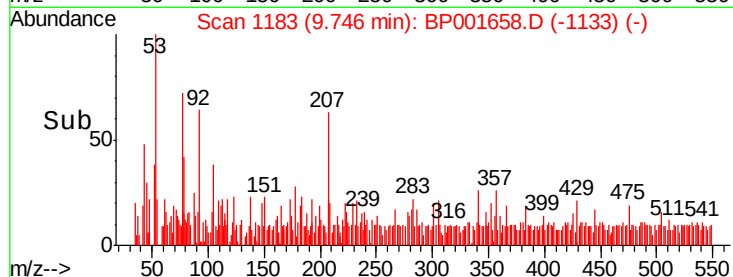
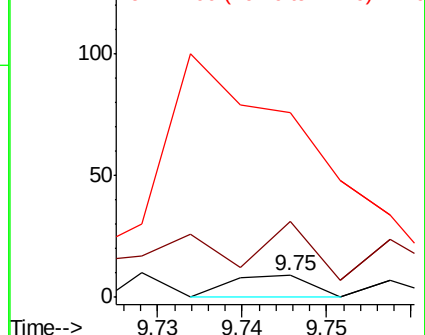
#32
Benzoic acid
Concen: 4.706 ng
RT: 9.75 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	344.4	119.5	159.5#
77	933.3	102.8	142.8#

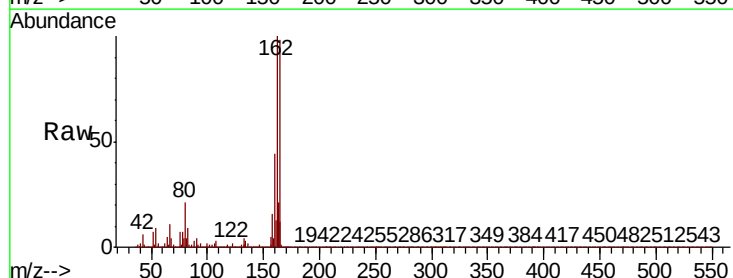


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BPO

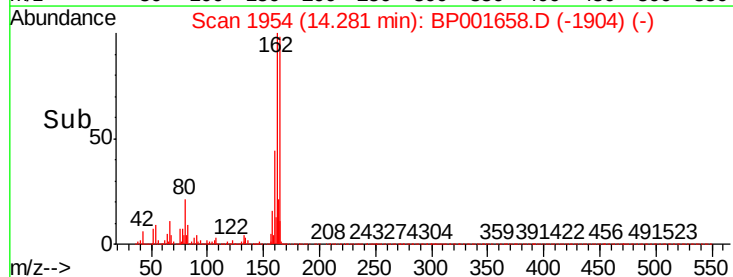
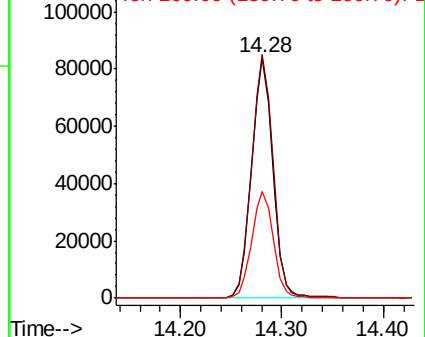


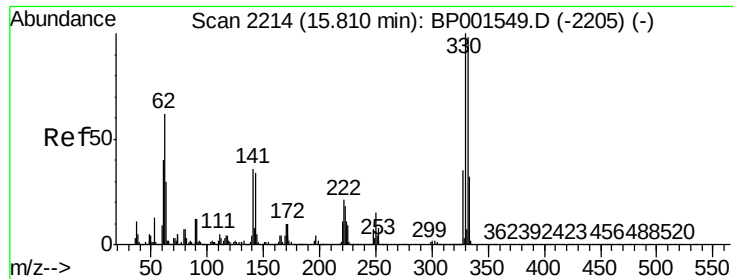
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.8	119.6
160	44.4	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: 78.163 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001658.D

Acq: 17 Jan 2020 15:39

Instrument :

BNA_P

ClientSampleId :

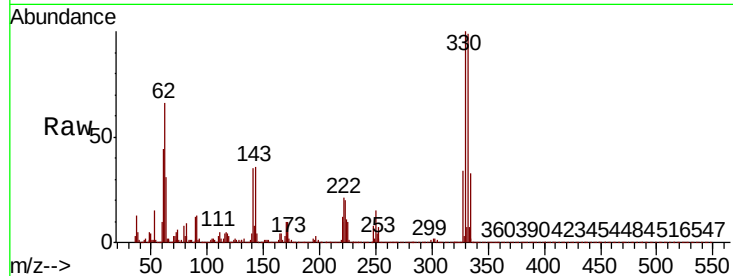
Tot Ion:330 Resp: 145465

Ion Ratio Lower Upper

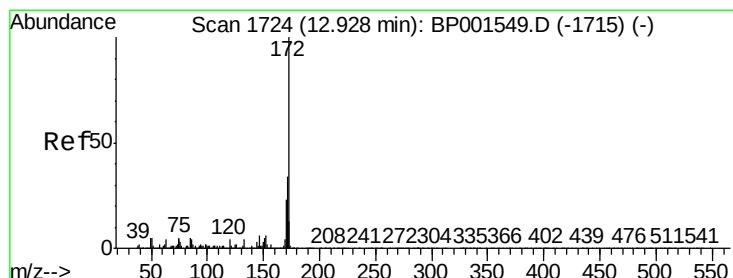
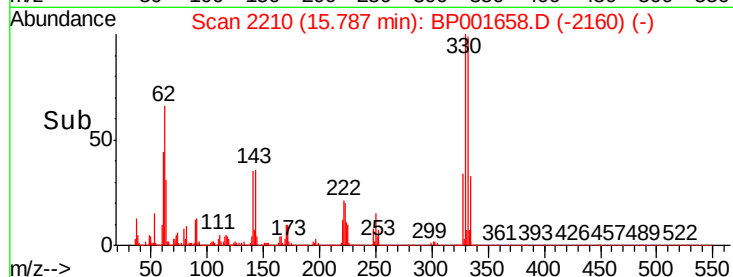
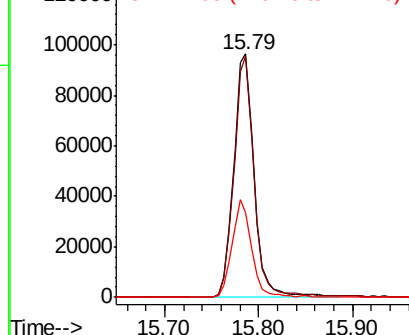
330 100

332 97.7 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: 63.905 ng

RT: 12.90 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BP001658.D

Acq: 17 Jan 2020 15:39

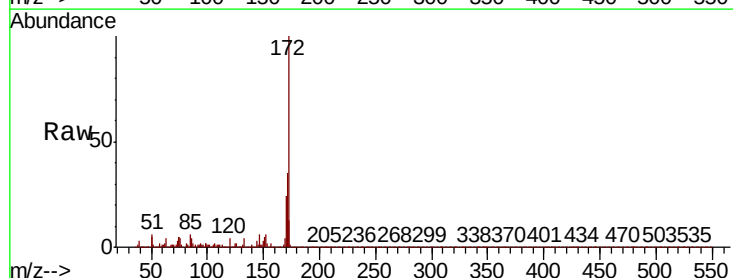
Tgt Ion:172 Resp: 531400

Ion Ratio Lower Upper

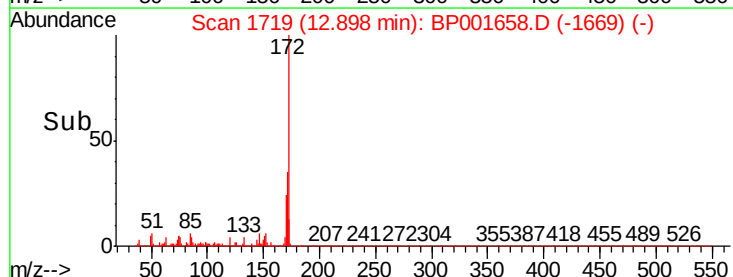
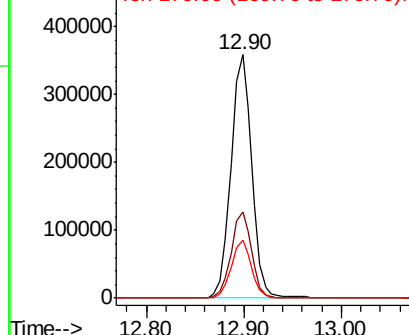
172 100

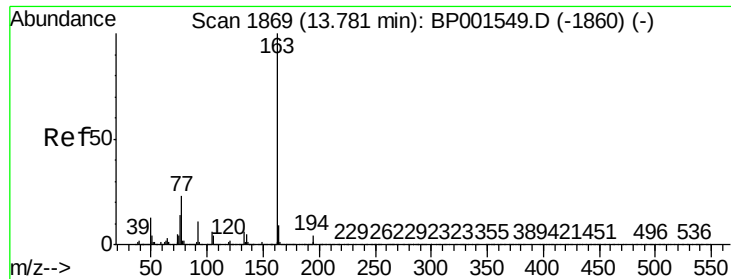
171 35.4 27.6 41.4

170 23.8 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

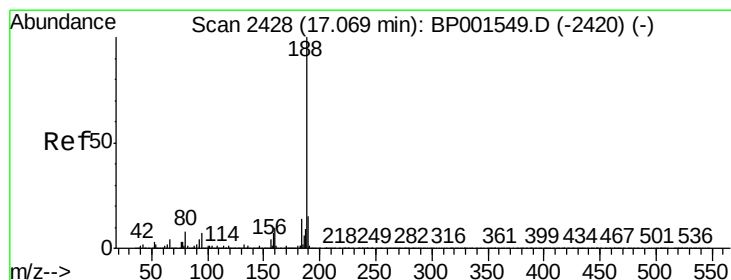
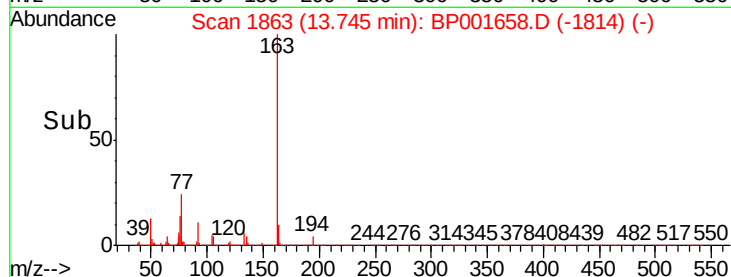
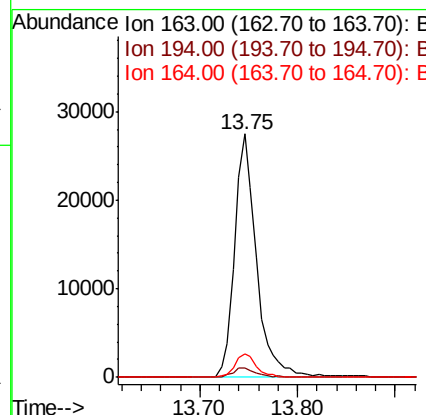
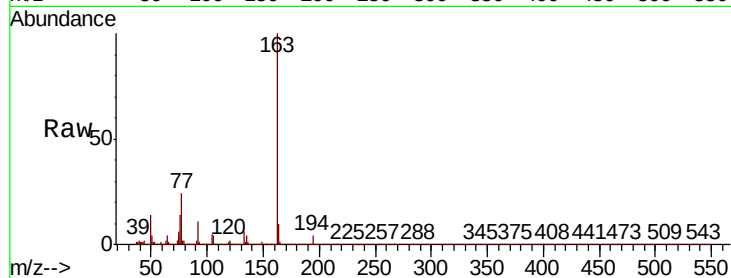




#50
Dimethylphthalate
Concen: 4.253 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

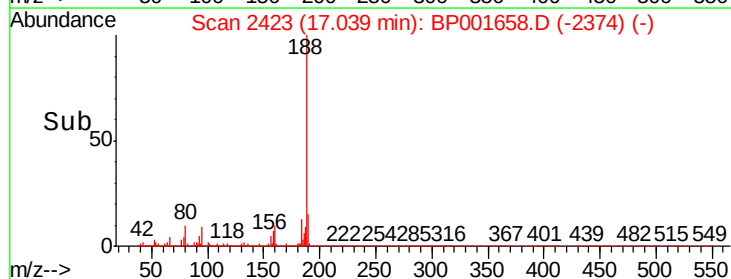
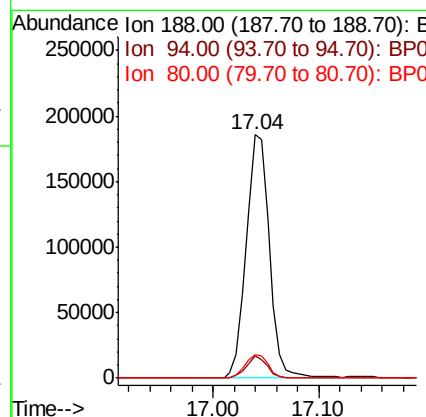
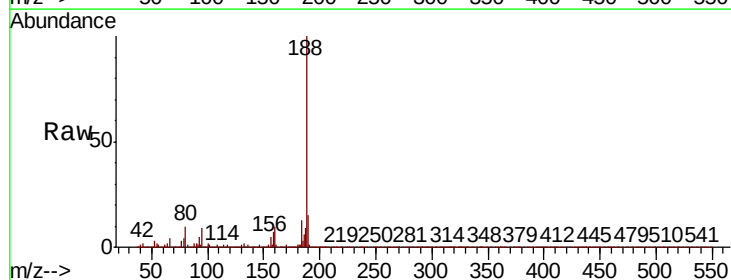
Instrument :
BNA_P
ClientSampleId :

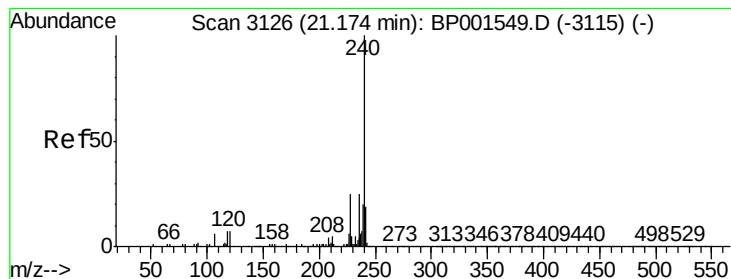
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.6	7.5	11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.9	8.9#
80	9.6	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: BP001658.D

Acq: 17 Jan 2020 15:39

Instrument :

BNA_P

ClientSampleId :

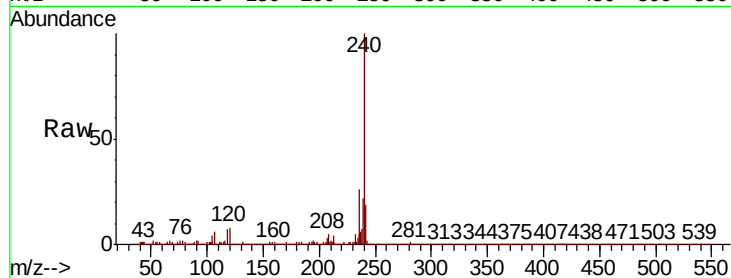
Tot Ion:240 Resp: 190648

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

236 26.0 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

21.15

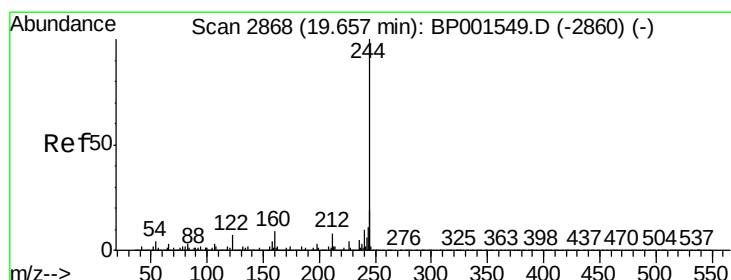
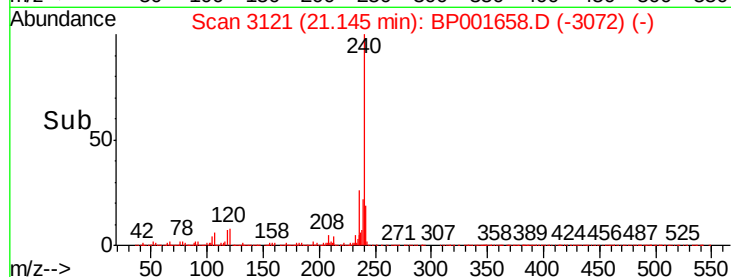
150000

100000

50000

0

Time--> 21.10 21.20 21.30



#79

Terphenyl-d14

Concen: 76.645 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001658.D

Acq: 17 Jan 2020 15:39

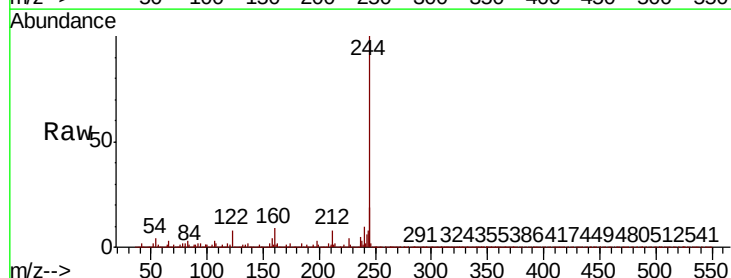
Tgt Ion:244 Resp: 798908

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.0 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

19.63

800000

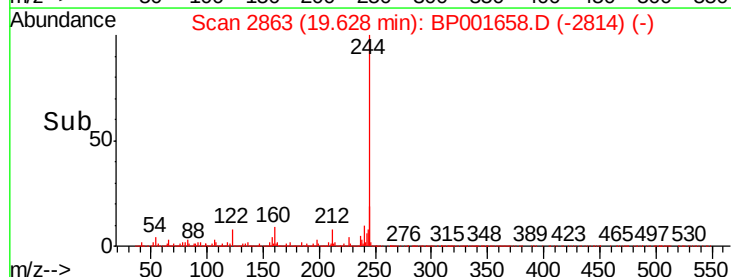
600000

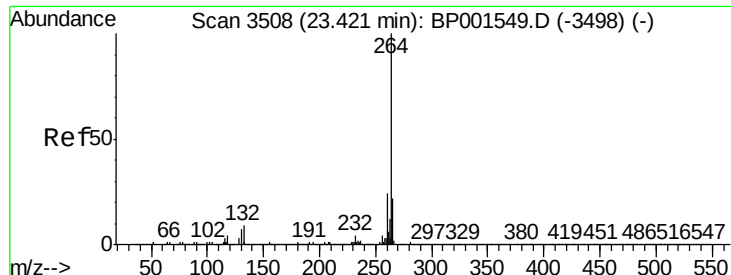
400000

200000

0

Time--> 19.50 19.60 19.70 19.80





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BP001658.D
Acq: 17 Jan 2020 15:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	161495
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.6
265	23.1	18.2	27.4

