

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001661.D
 Acq On : 17 Jan 2020 17:20
 Operator : JU
 Sample : L1172-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 02:33:22 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

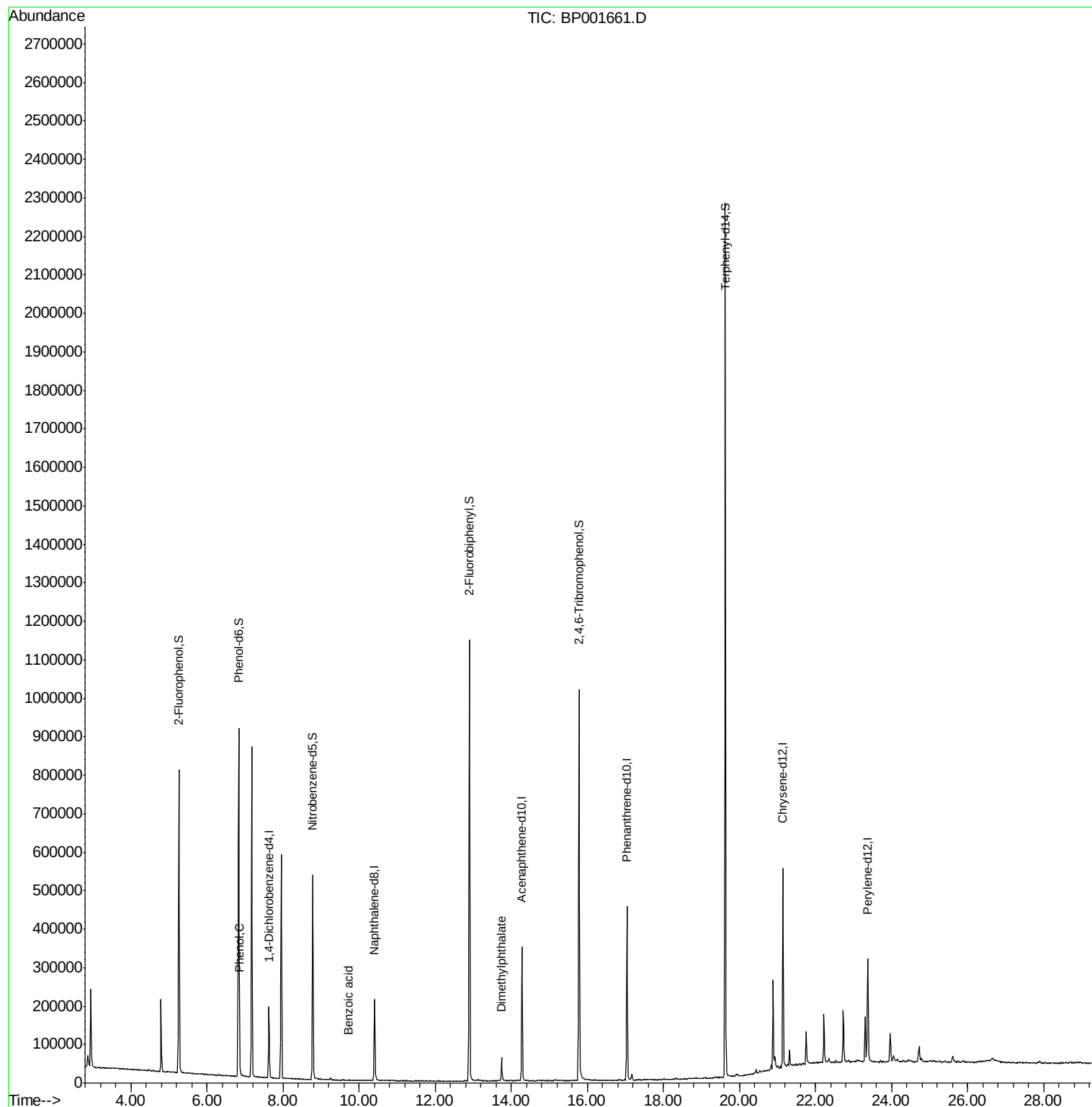
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	40516	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	156396	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	112458	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	268358	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	233302	20.00	ng	-0.01
87) Perylene-d12	23.37	264	199916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	258775	125.11	ng	0.00
7) Phenol-d6	6.83	99	404260	122.30	ng	0.00
23) Nitrobenzene-d5	8.78	82	283767	79.29	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	164415	96.05	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	561265	73.38	ng	0.00
79) Terphenyl-d14	19.63	244	973415	76.31	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	13192	3.858	ng	93
32) Benzoic acid	9.72	122	12	4.709	ng	# 10
50) Dimethylphthalate	13.75	163	39195	4.232	ng	98

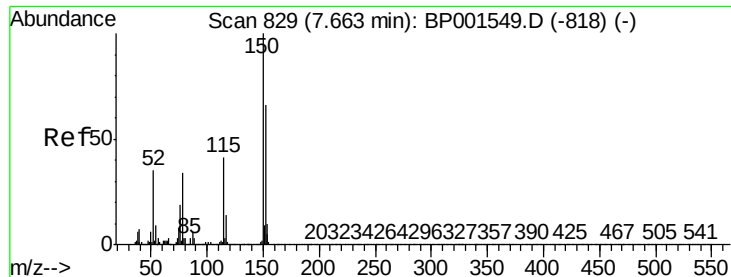
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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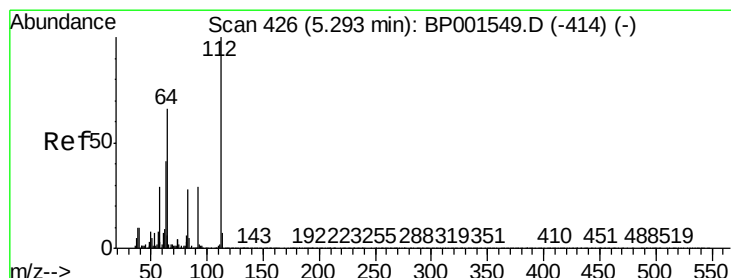
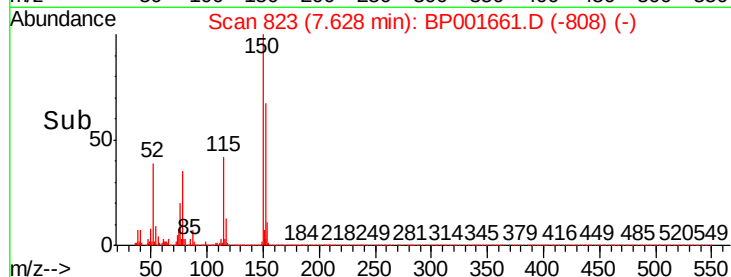
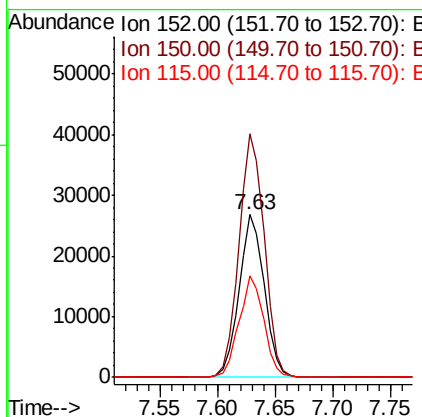
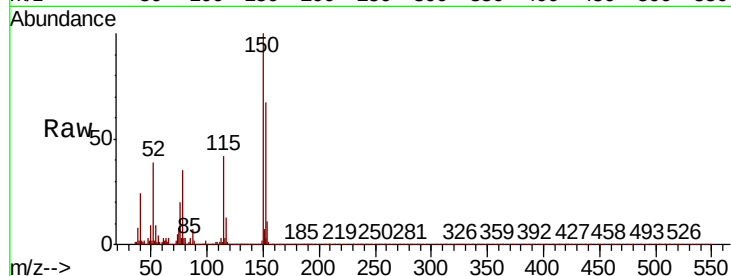


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Instrument :
BNA_P
ClientSampleId :

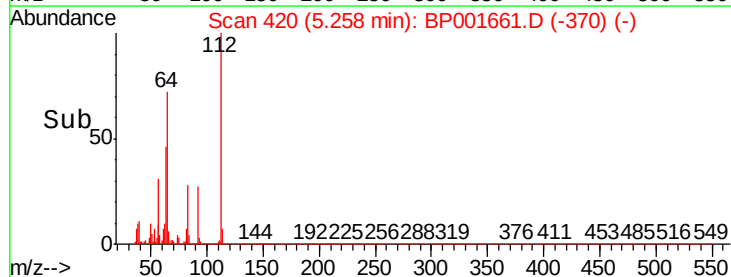
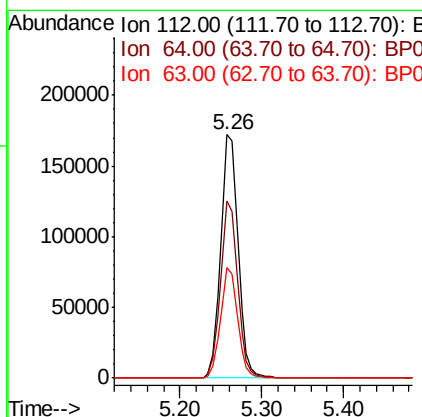
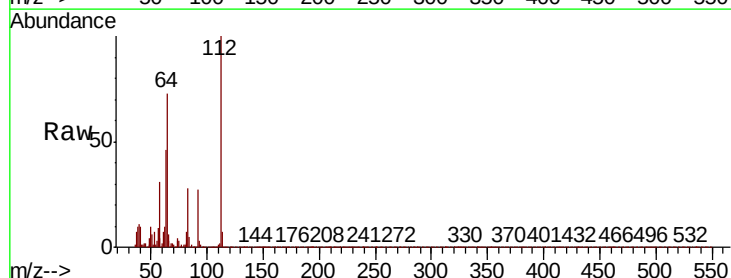
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	122.0	183.0
115	62.3	50.7	76.1

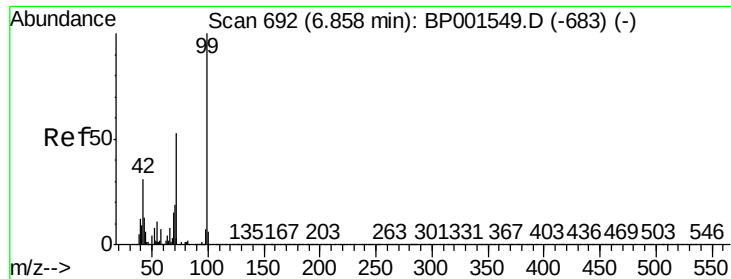


#5

2-Fluorophenol
Concen: 125.115 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	52.8	79.2
63	45.6	33.1	49.7





#7

Phenol-d6

Concen: 122.298 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001661.D

Acq: 17 Jan 2020 17:20

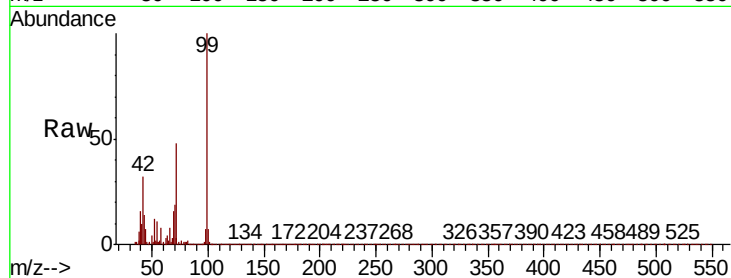
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 404260

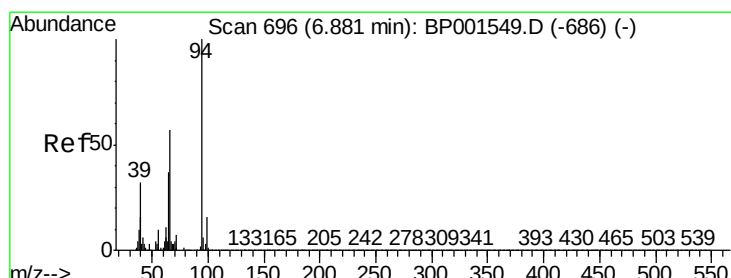
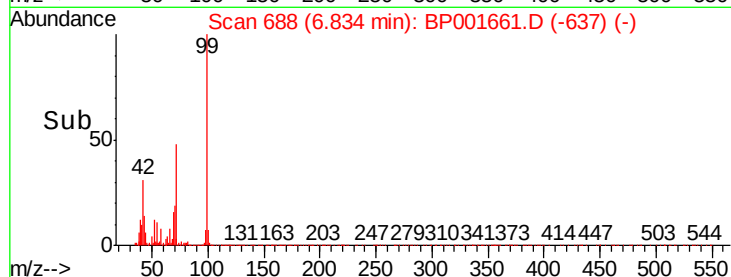
Ion	Ratio	Lower	Upper
99	100		
42	31.5	24.5	36.7
71	48.0	42.4	63.6



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: 3.858 ng

RT: 6.86 min Scan# 692

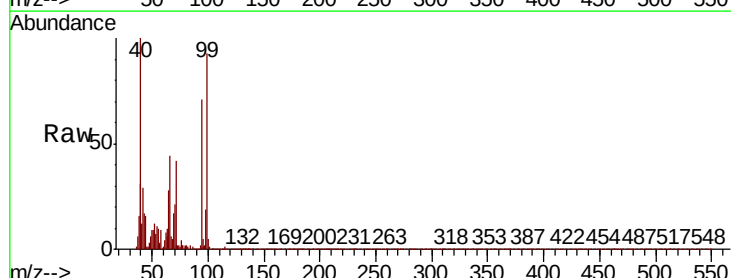
Delta R.T. 0.00 min

Lab File: BP001661.D

Acq: 17 Jan 2020 17:20

Tgt Ion: 94 Resp: 13192

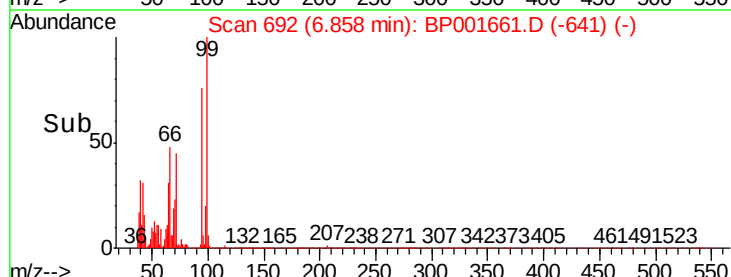
Ion	Ratio	Lower	Upper
94	100		
65	40.3	17.5	57.5
66	62.5	36.7	76.7

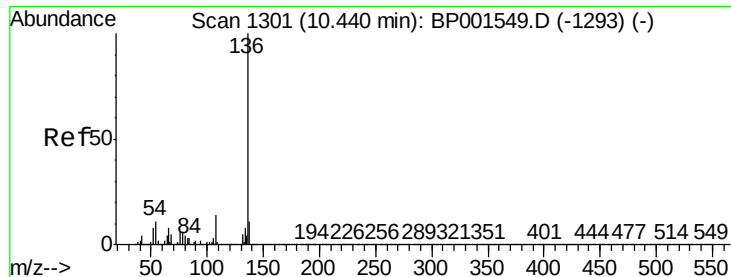


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

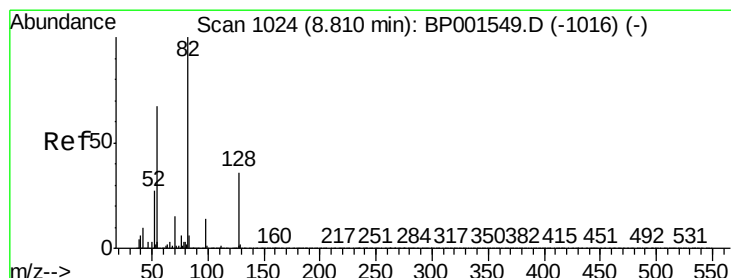
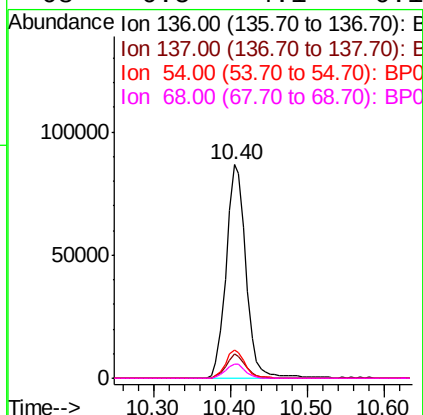
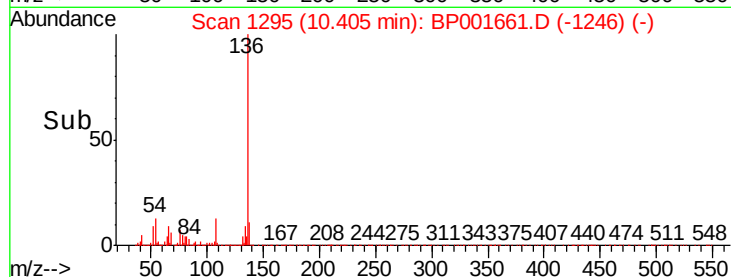
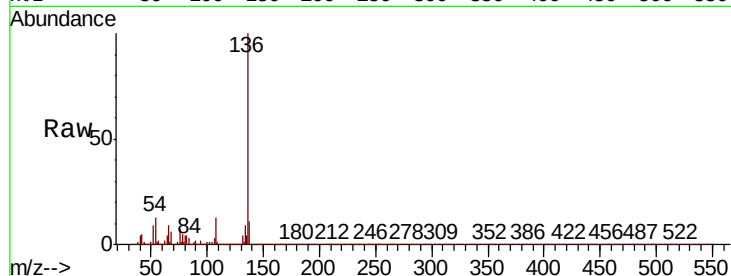




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

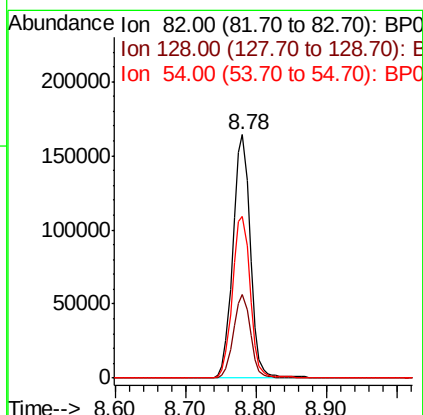
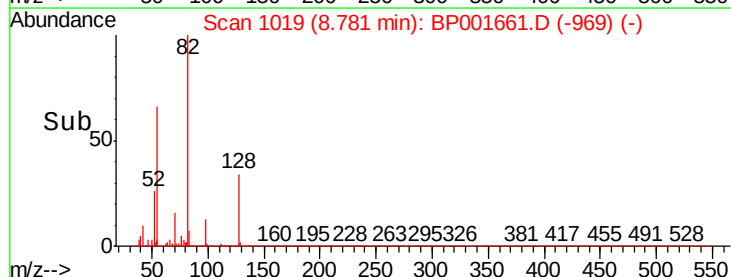
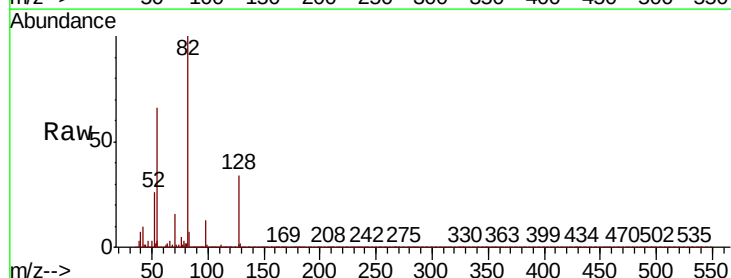
Instrument :
BNA_P
ClientSampled :

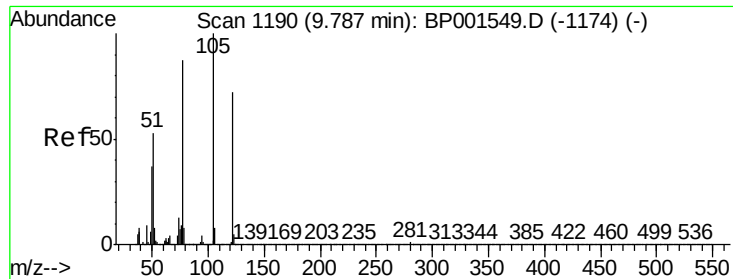
Tot Ion:136	Resp:	156396
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.6 12.8
54	13.3	9.2 13.8
68	6.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 79.285 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Tgt Ion: 82	Resp:	283767
Ion Ratio	Lower	Upper
82	100	
128	34.4	28.4 42.6
54	66.2	53.4 80.2

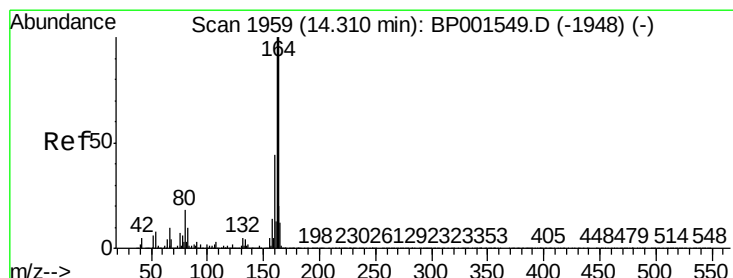
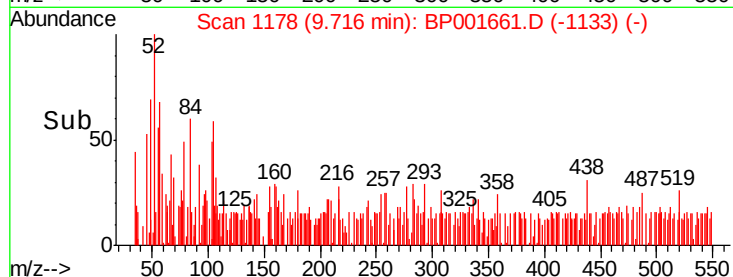
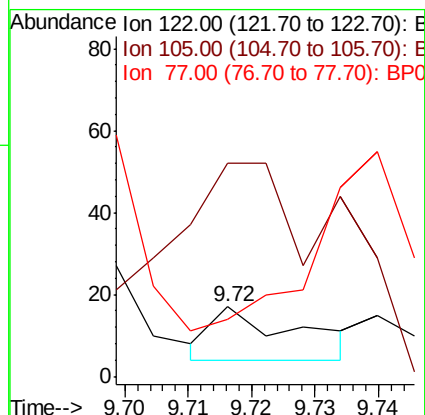
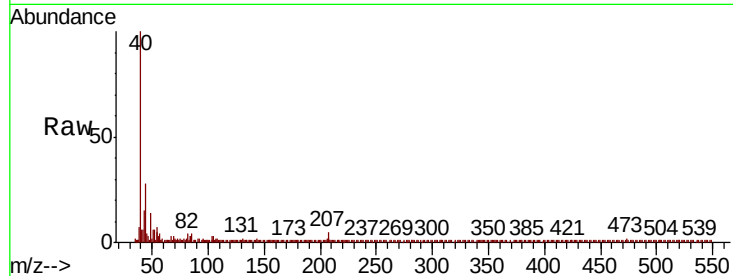




#32
Benzoic acid
Concen: 4.709 ng
RT: 9.72 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

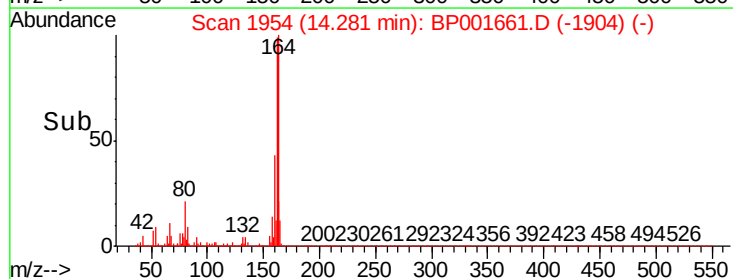
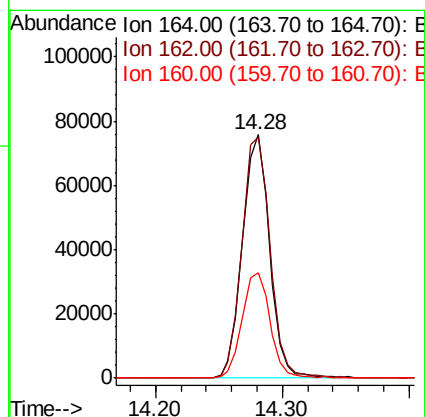
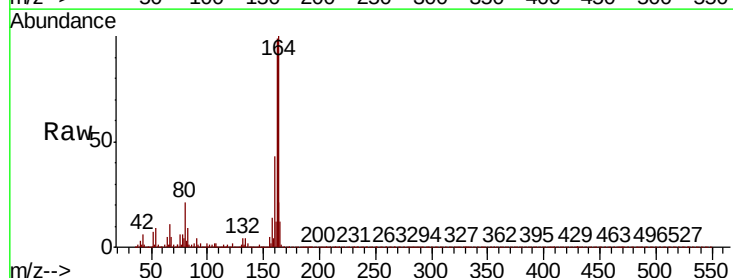
Instrument :
BNA_P
ClientSampleId :

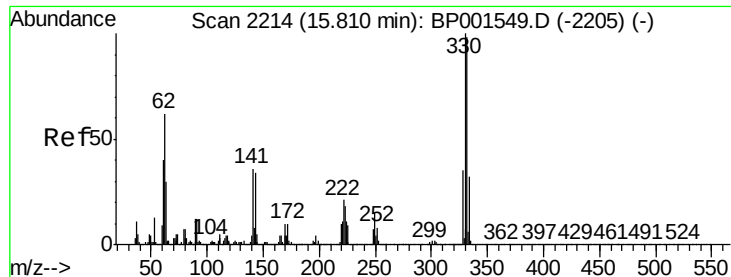
Tot Ion	Ratio	Lower	Upper
122	100		
105	305.9	119.5	159.5#
77	82.4	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.8	119.6
160	43.4	35.0	52.6

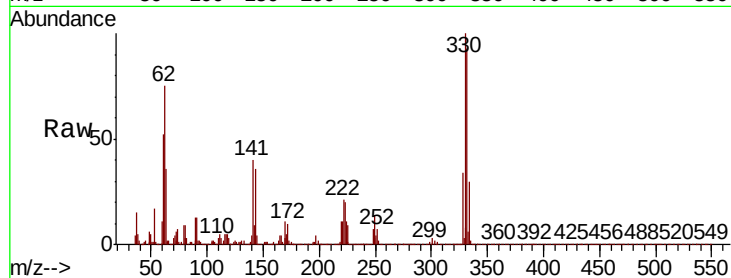




#42
2,4,6-Tribromophenol
Concen: 96.046 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	38.9	28.7	43.1

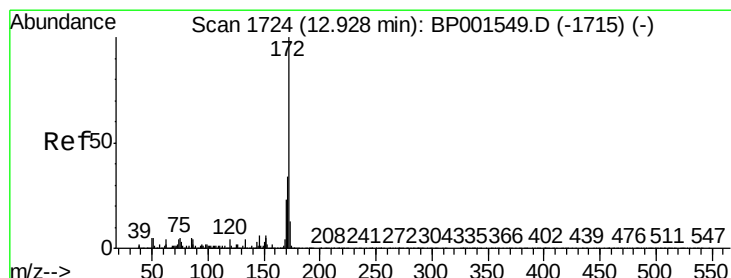
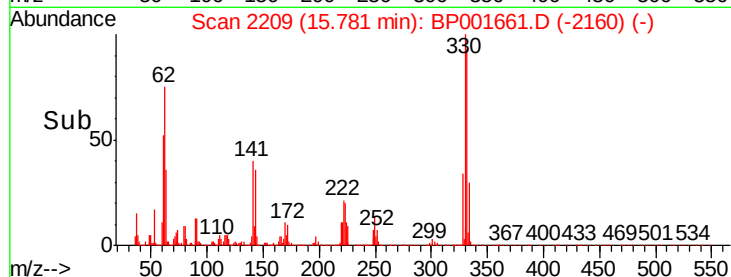
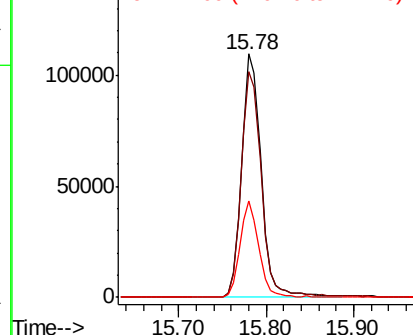


Abundance

Ion 329.80 (329.50 to 330.50): E

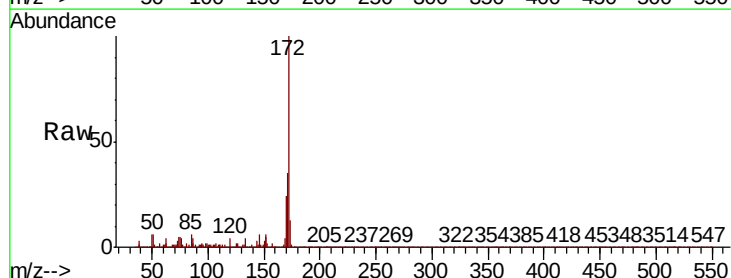
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 73.380 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.8	18.3	27.5

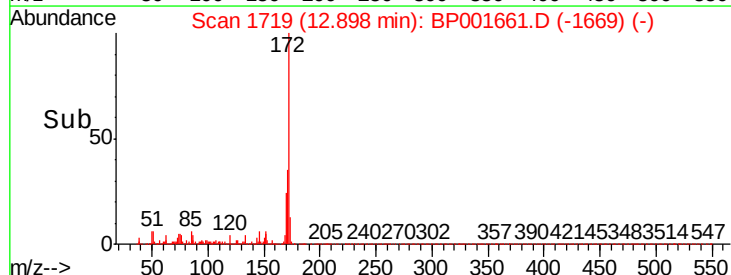
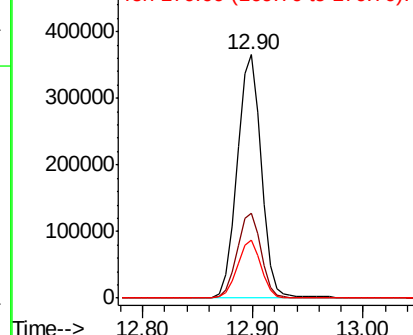


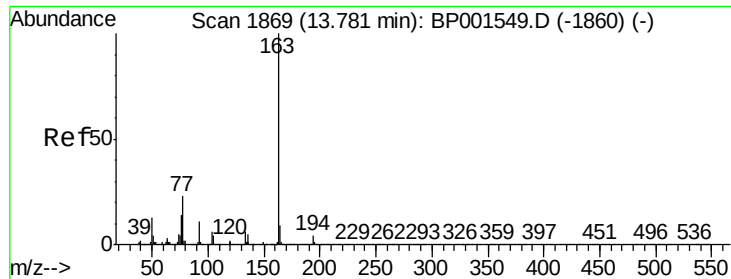
Abundance

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

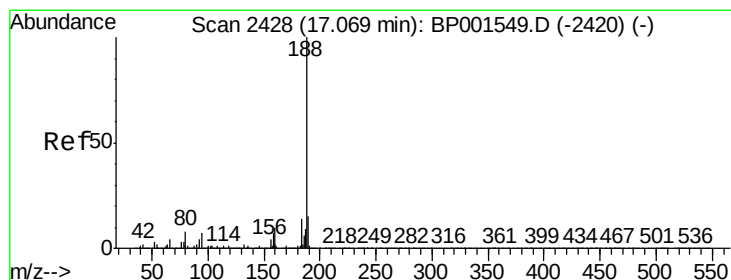
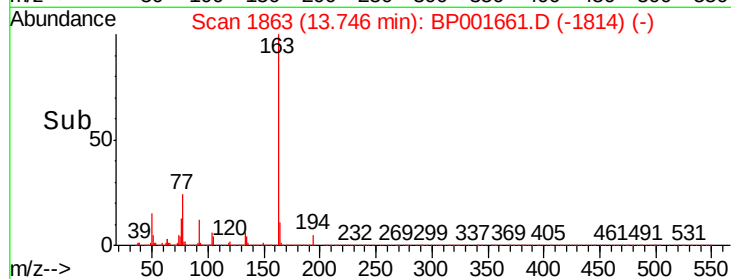
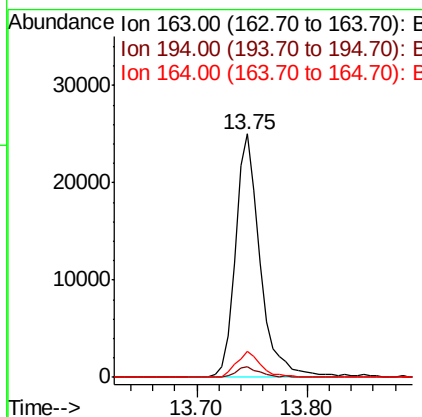
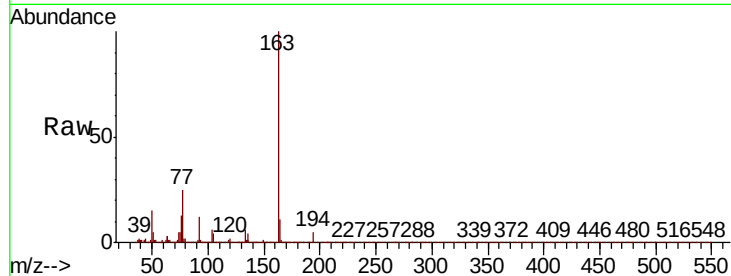




#50
Dimethylphthalate
Concen: 4.232 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

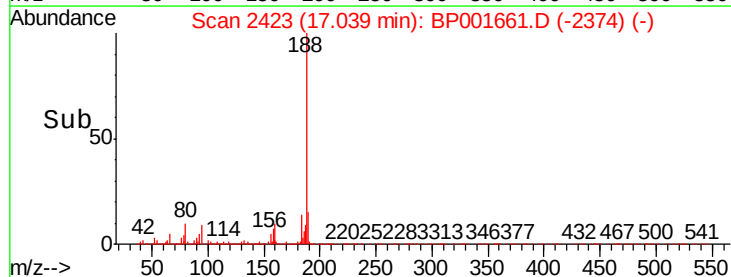
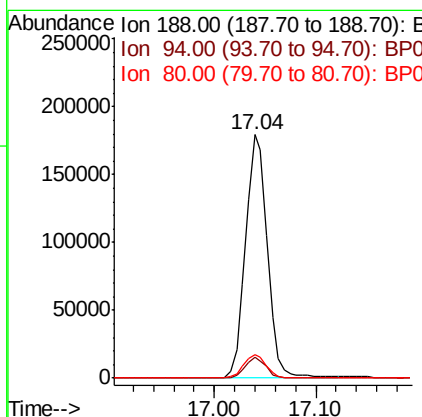
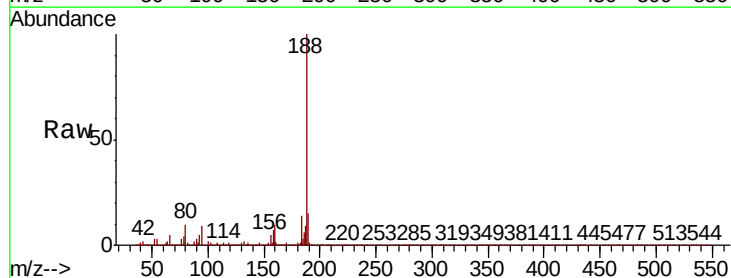
Instrument :
BNA_P
ClientSampleId :

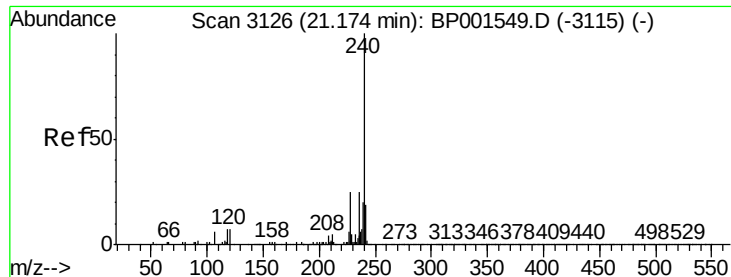
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.6	7.5	11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001661.D
Acq: 17 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.9	8.9
80	9.9	6.8	10.2

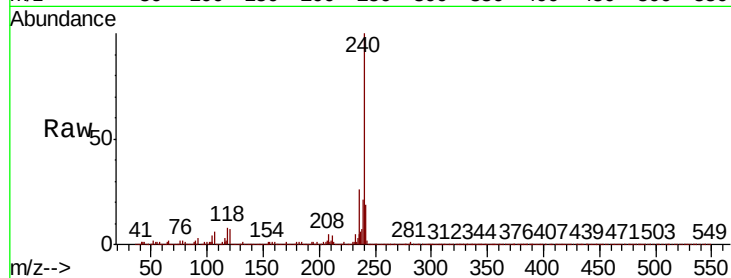




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BP001661.D
 Acq: 17 Jan 2020 17:20

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.7	8.5
236	26.2	20.4	30.6

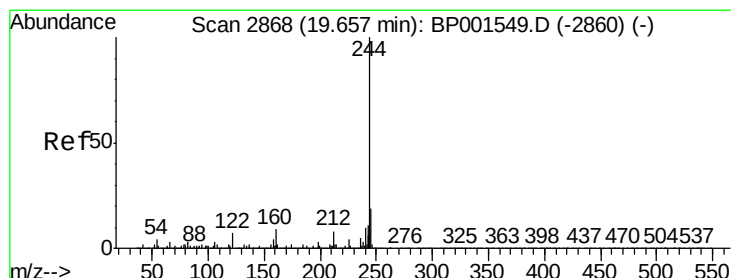
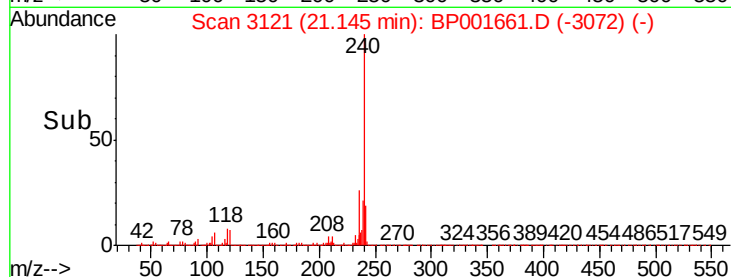
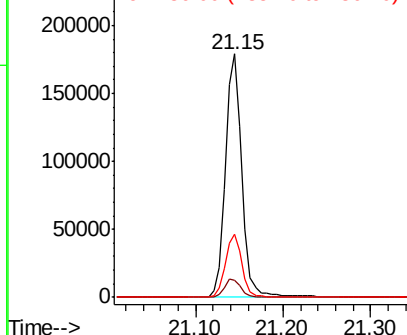


Abundance

Ion 240.00 (239.70 to 240.70): E

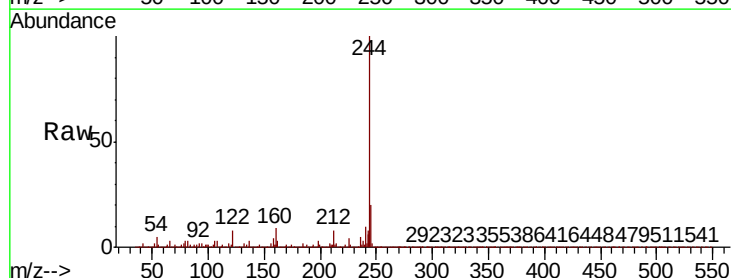
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 76.313 ng
 RT: 19.63 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BP001661.D
 Acq: 17 Jan 2020 17:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	7.9	5.8	8.6

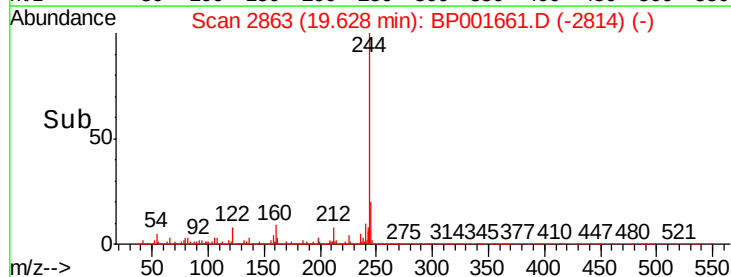
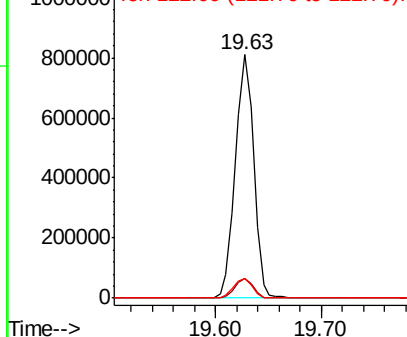


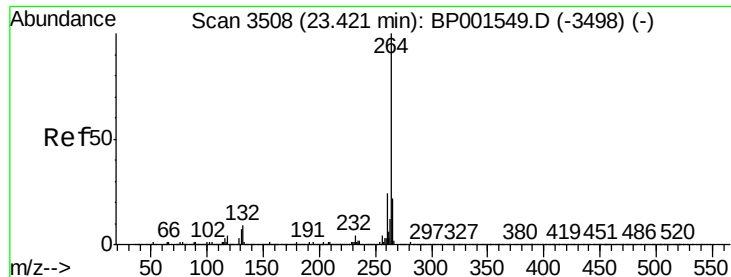
Abundance

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

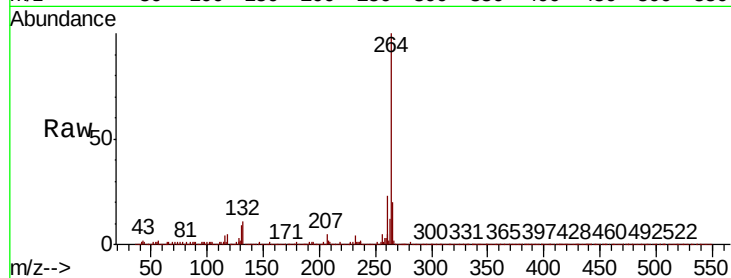




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: BP001661.D
 Acq: 17 Jan 2020 17:20

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	264	Resp:	199916
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	20.4	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

