

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002553.D
 Acq On : 26 Jun 2020 16:14
 Operator : CG/JU
 Sample : L3125-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-2

Quant Time: Jun 27 05:23:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

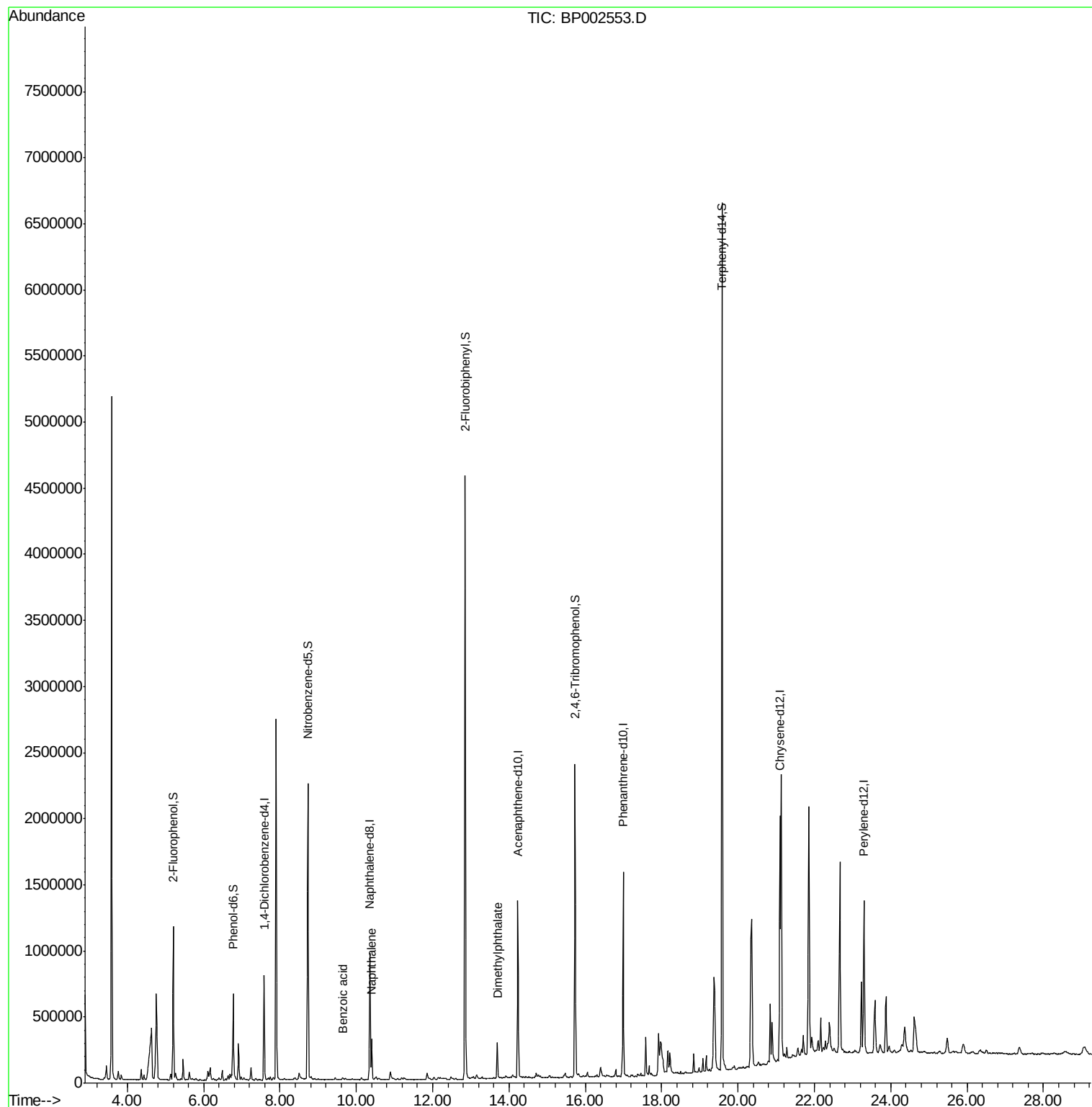
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	204297	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	760288	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	447506	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	939318	20.00	ng	0.00
76) Chrysene-d12	21.10	240	842611	20.00	ng	0.00
86) Perylene-d12	23.29	264	791621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	475266	43.05	ng	0.00
7) Phenol-d6	6.78	99	372693	25.35	ng	0.00
23) Nitrobenzene-d5	8.73	82	1294021	101.64	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	443036	103.40	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2439096	91.64	ng	0.00
79) Terphenyl-d14	19.58	244	3146996	101.33	ng	0.00
Target Compounds						
31) Naphthalene	10.40	128	252570	7.151	ng	99
32) Benzoic acid	9.64	122	8558	5.580	ng	84
50) Dimethylphthalate	13.69	163	180738	5.894	ng	100

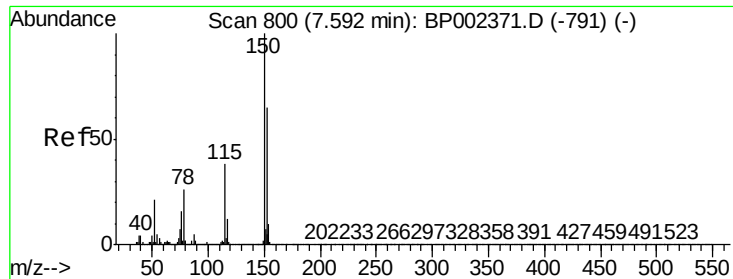
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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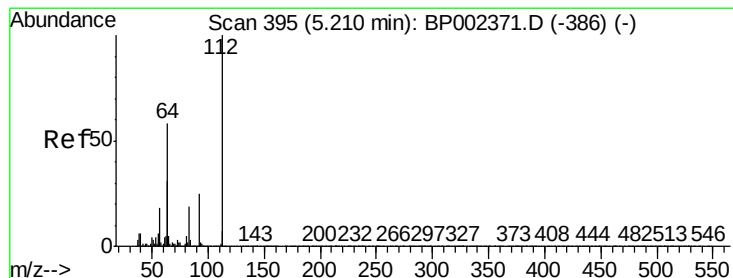
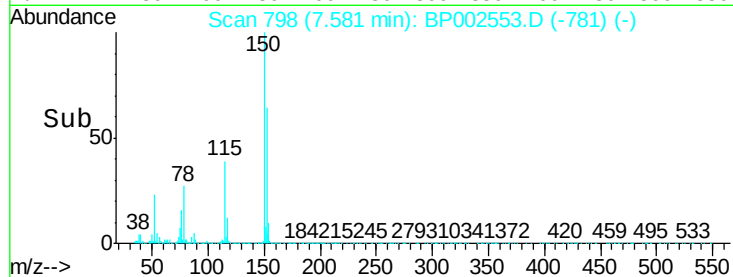
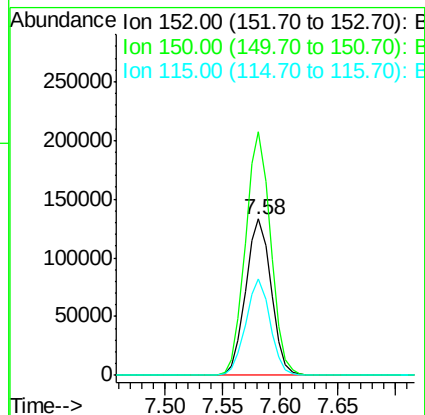
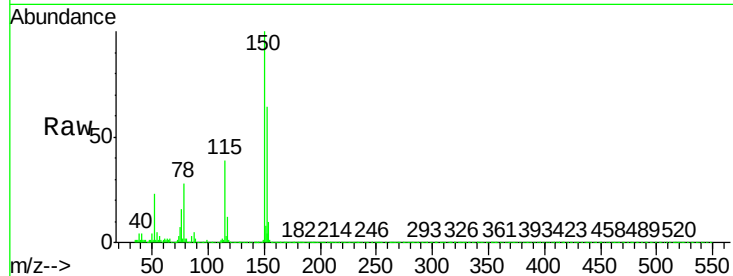


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Instrument :
BNA_P
ClientSampleId :
TW-2

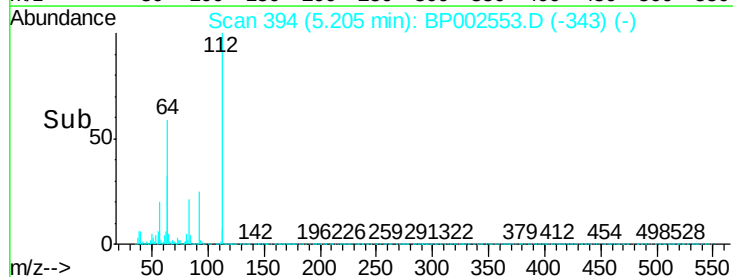
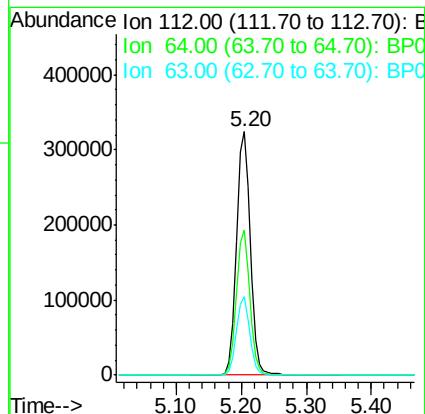
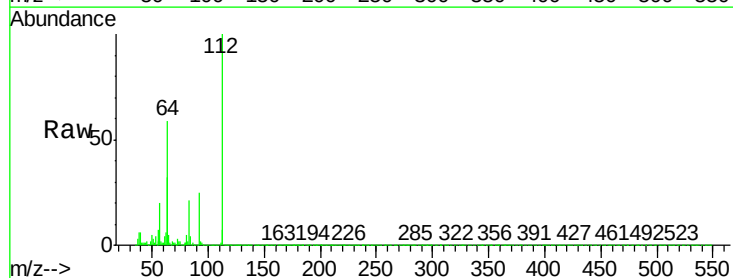
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.4	186.6
115	61.3	47.8	71.6

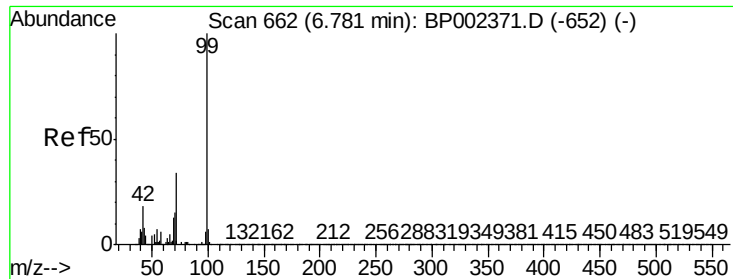


#5

2-Fluorophenol
Concen: 43.047 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.4	69.6
63	32.1	25.0	37.6





#7

Phenol-d6

Concen: 25.354 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

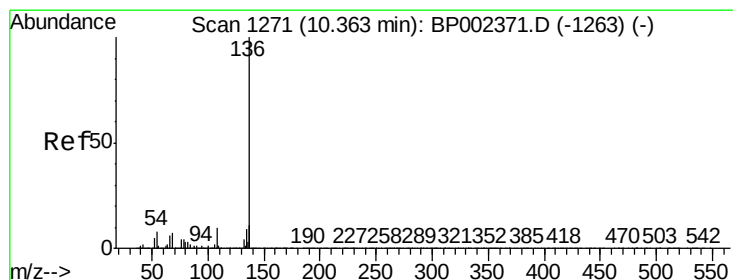
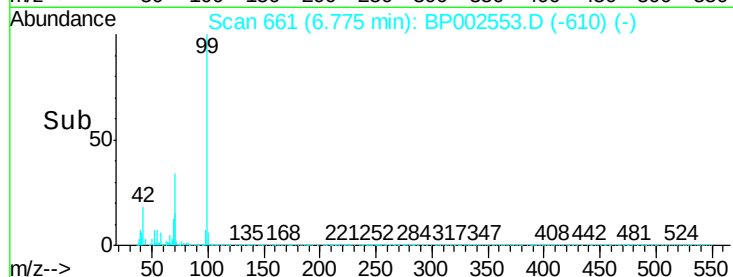
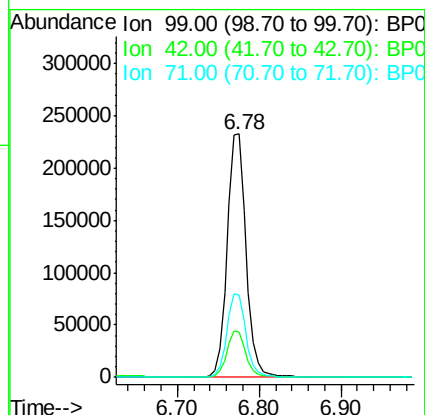
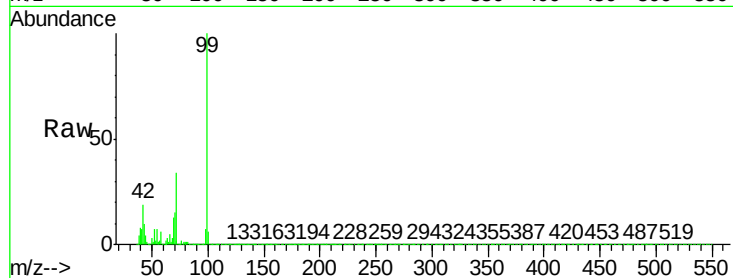
Tot Ion: 99 Resp: 372693

Ion Ratio Lower Upper

99 100

42 18.8 15.3 22.9

71 33.8 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Tgt Ion: 136 Resp: 760288

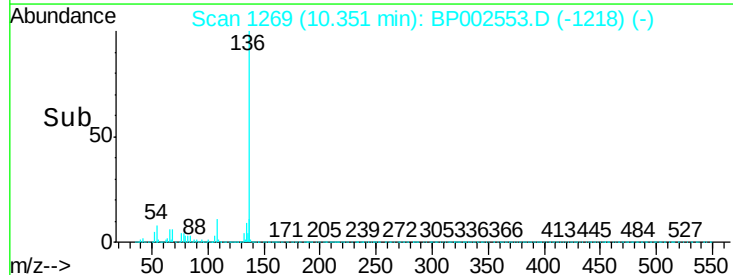
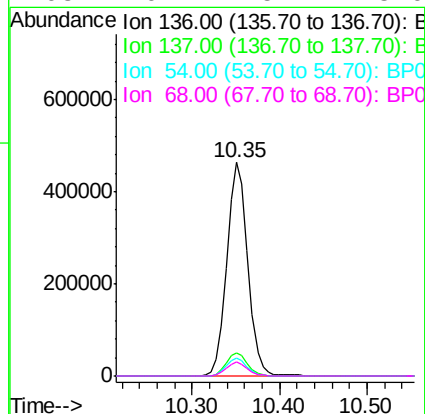
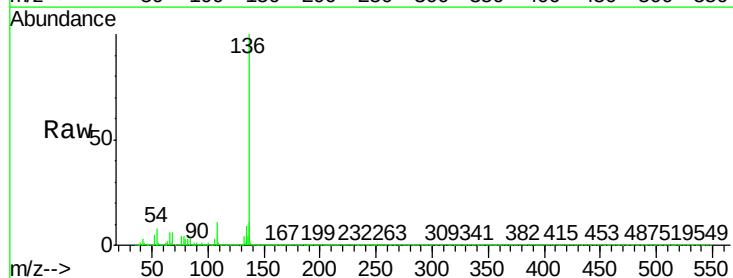
Ion Ratio Lower Upper

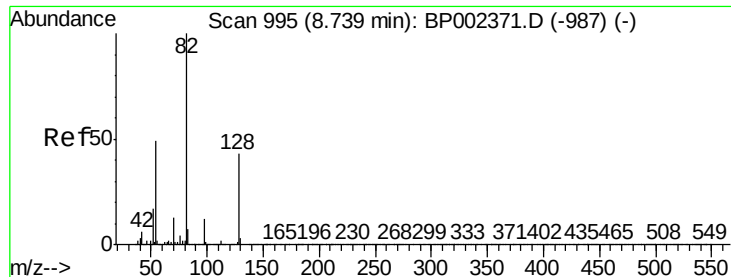
136 100

137 10.9 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

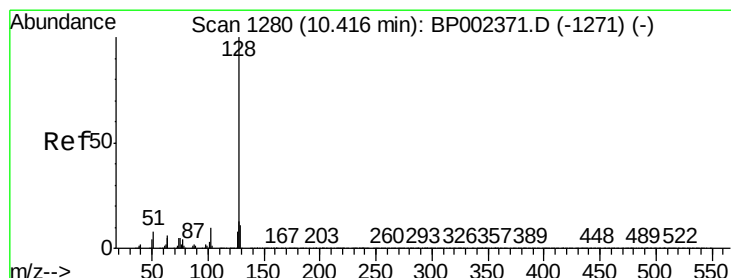
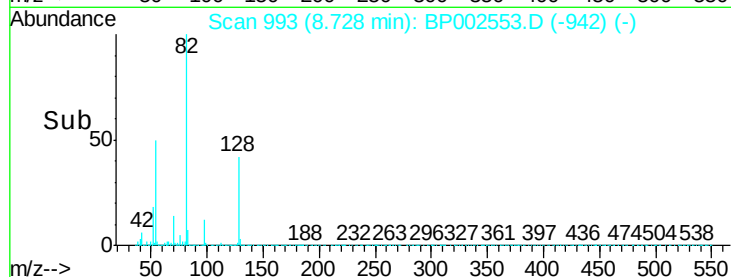
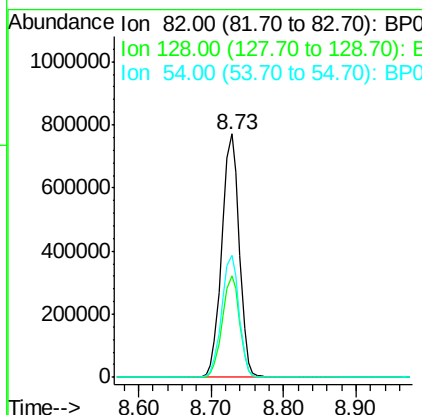
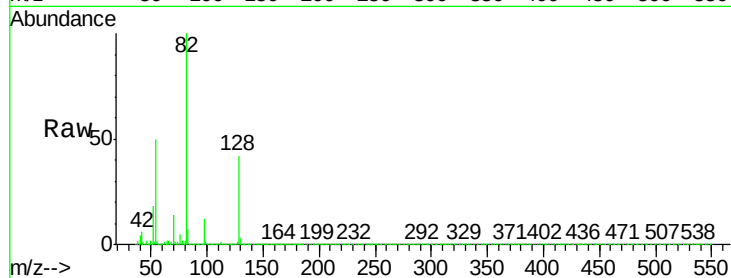




#23
 Nitrobenzene-d5
 Concen: 101.642 ng
 RT: 8.73 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BP002553.D
 Acq: 26 Jun 2020 16:14

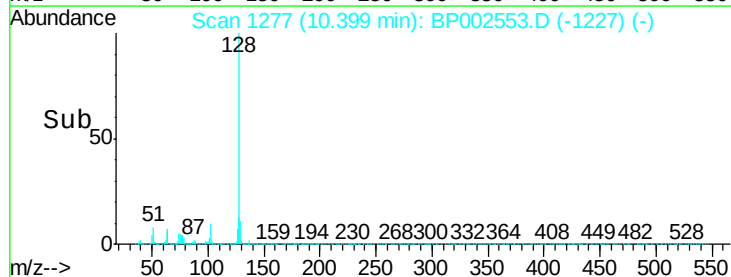
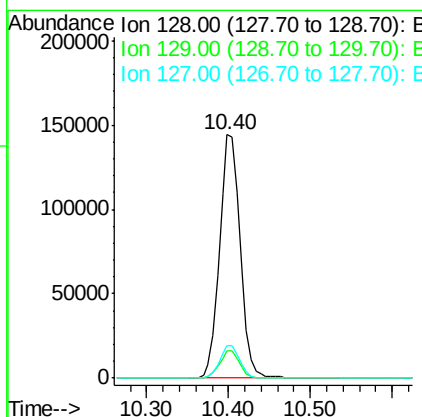
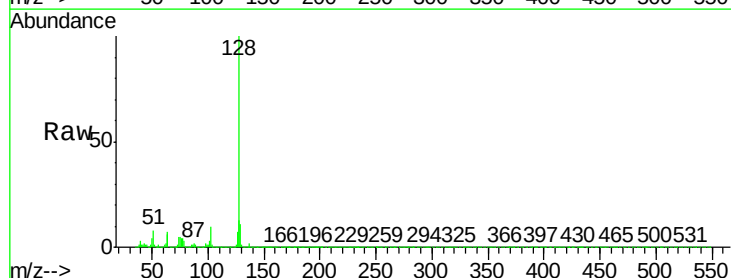
Instrument :
 BNA_P
 ClientSampleId :
 TW-2

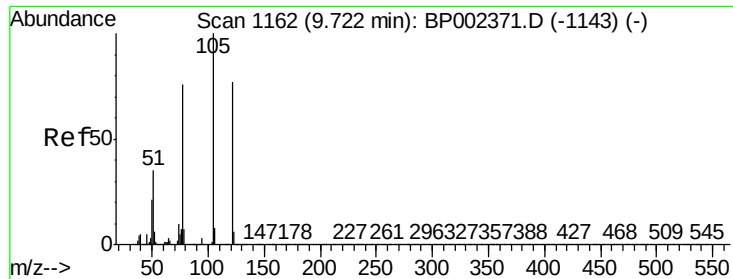
Tot Ion: 82 Resp: 1294021
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.8 49.2
 54 50.1 39.9 59.9



#31
 Naphthalene
 Concen: 7.151 ng
 RT: 10.40 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BP002553.D
 Acq: 26 Jun 2020 16:14

Tgt Ion:128 Resp: 252570
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.7 13.1
 127 13.4 10.4 15.6

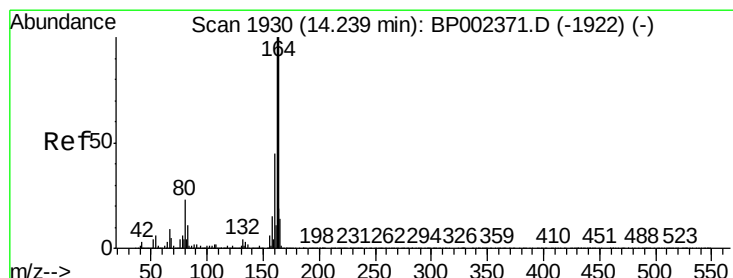
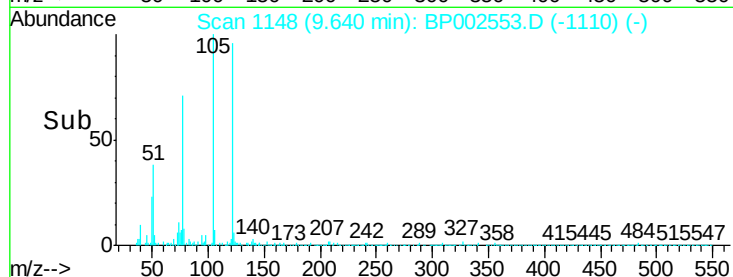
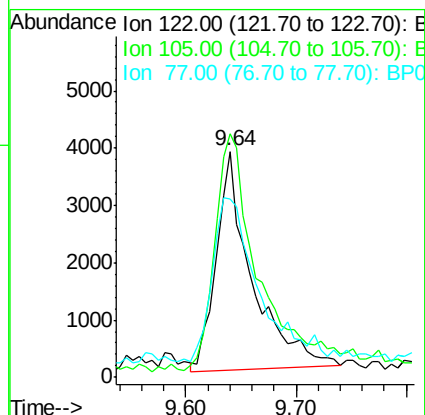
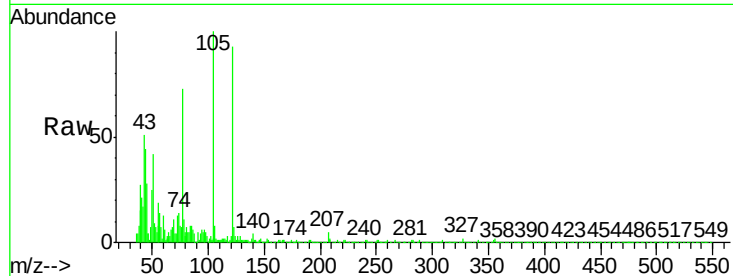




#32
Benzoic acid
Concen: 5.580 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

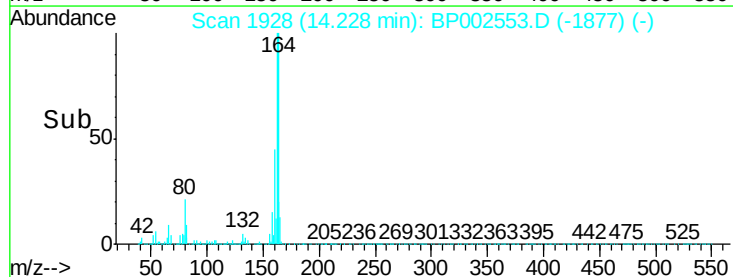
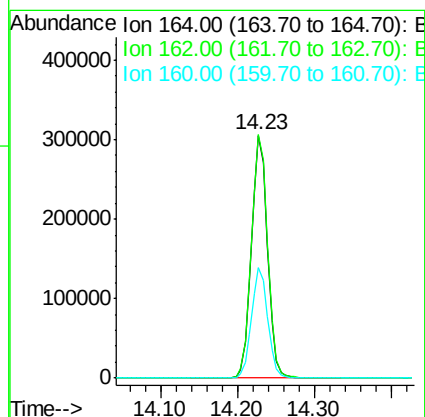
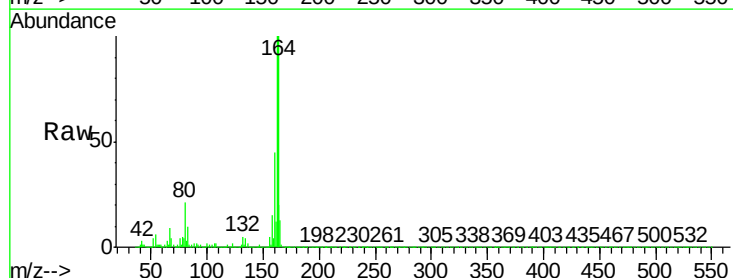
Instrument :
BNA_P
ClientSampled :
TW-2

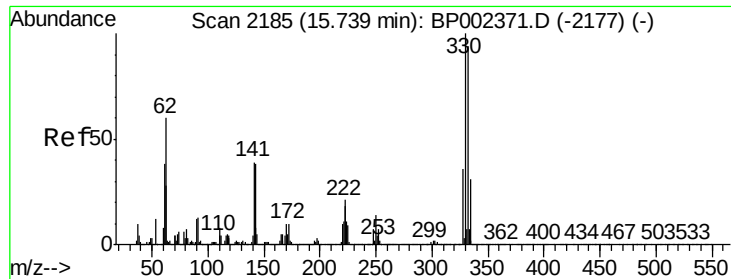
Tot Ion:122 Resp: 8558
Ion Ratio Lower Upper
122 100
105 107.9 105.0 145.0
77 78.9 76.9 116.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion:164 Resp: 447506
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.3 35.4 53.2

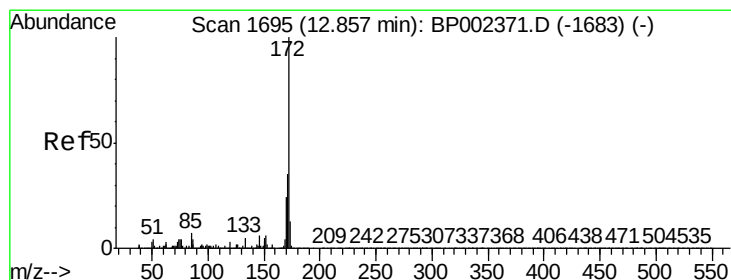
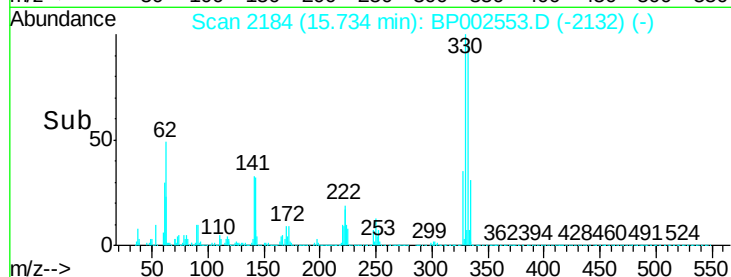
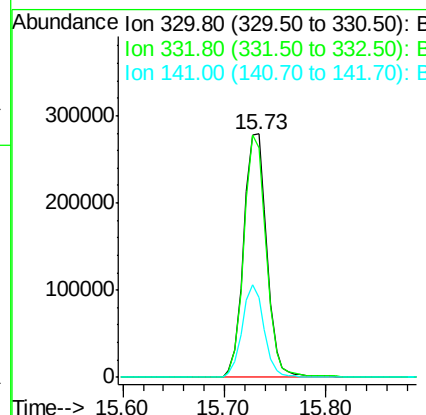
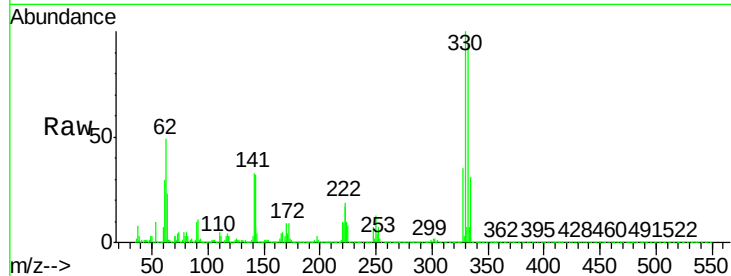




#42
2,4,6-Tribromophenol
Concen: 103.403 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

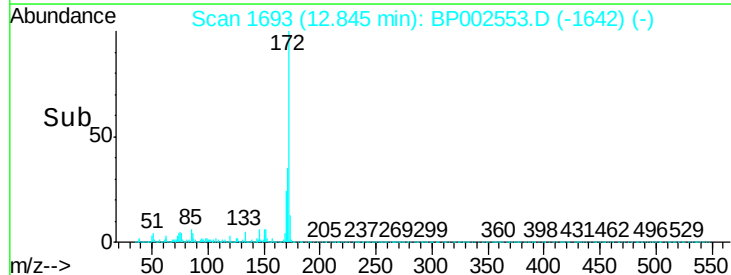
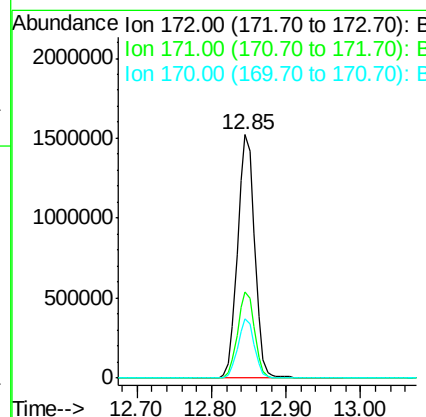
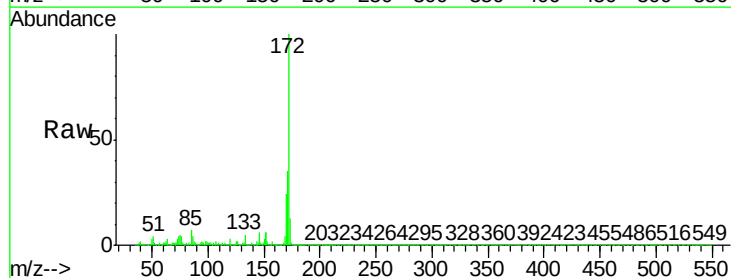
Instrument :
BNA_P
ClientSampleId :
TW-2

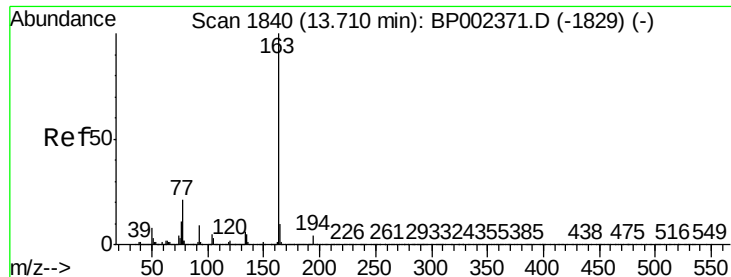
Tot Ion:330 Resp: 443036
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 36.2 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 91.644 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion:172 Resp: 2439096
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.2 19.0 28.6





#50

Dimethylphthalate

Concen: 5.894 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

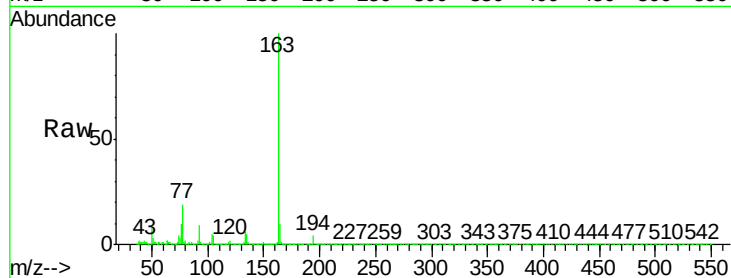
Tot Ion:163 Resp: 180738

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

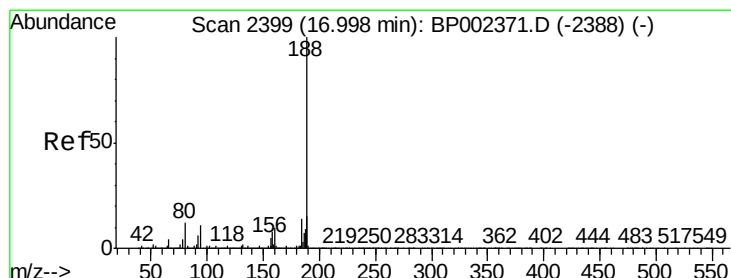
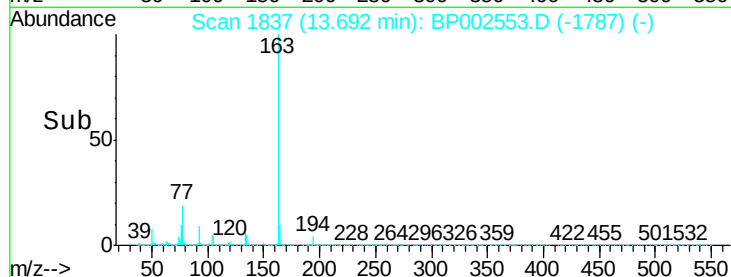
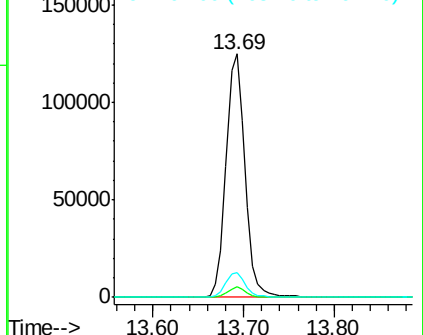
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

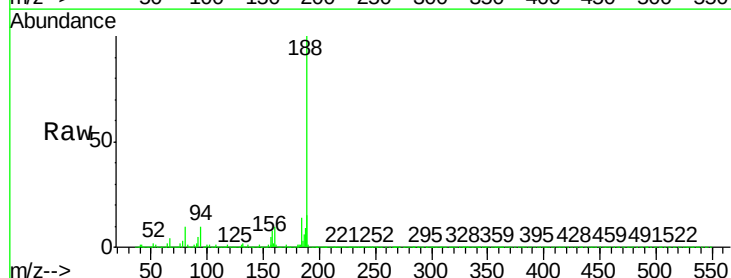
Tgt Ion:188 Resp: 939318

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

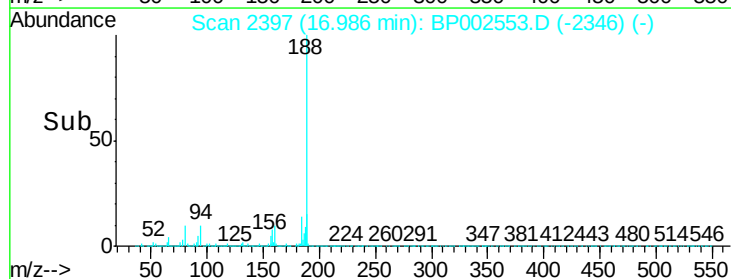
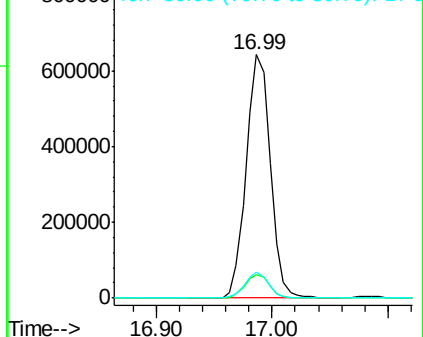
80 10.5 8.3 12.5

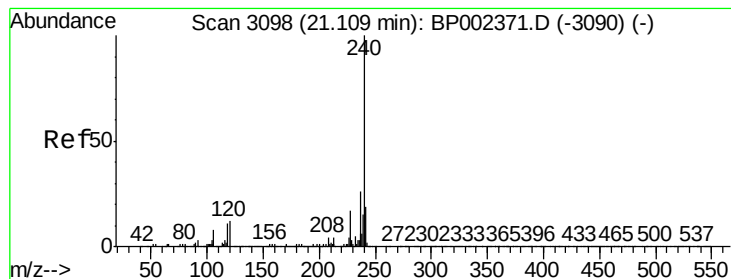


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

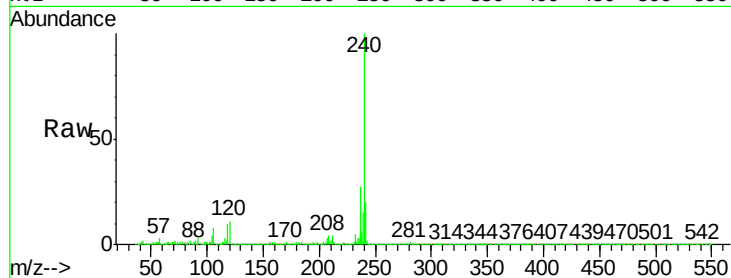
Tot Ion:240 Resp: 842611

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

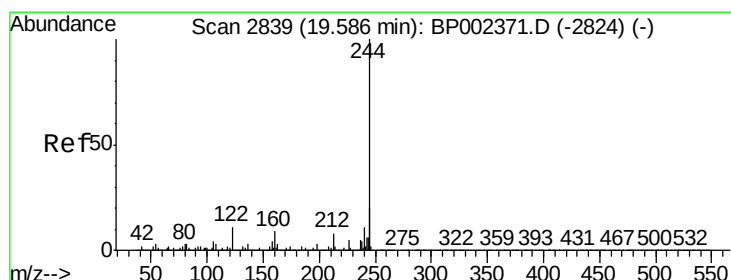
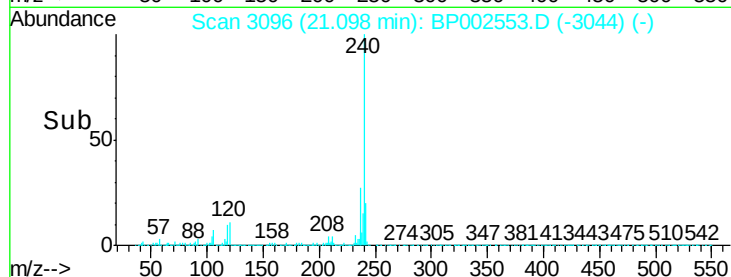
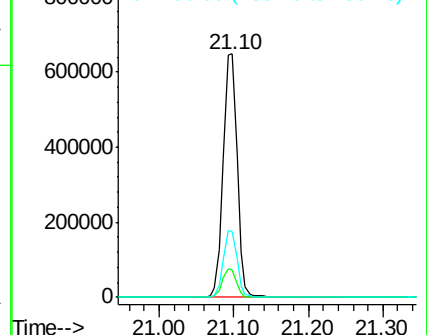
236 27.1 21.7 32.5



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: 101.332 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

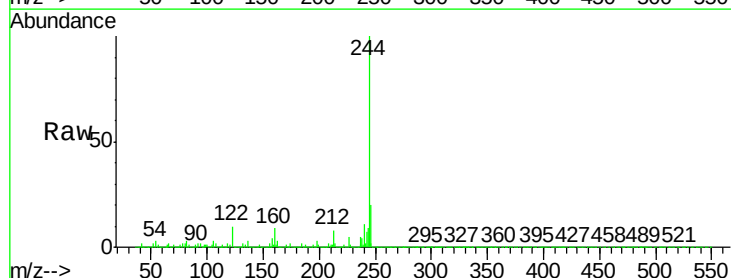
Tgt Ion:244 Resp: 3146996

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

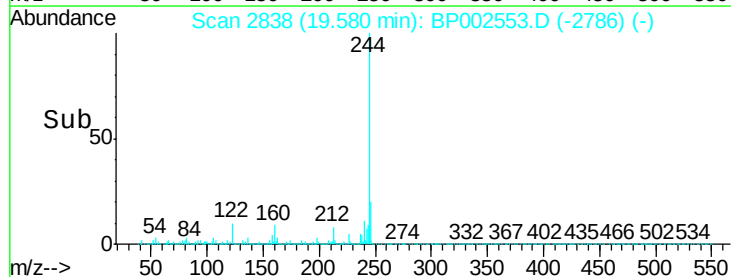
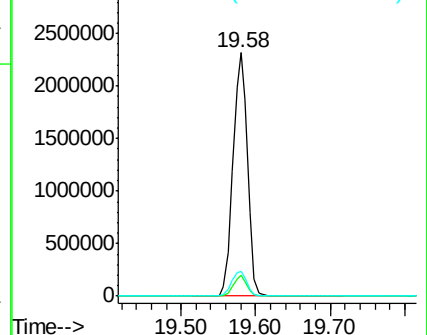
122 10.3 8.0 12.0

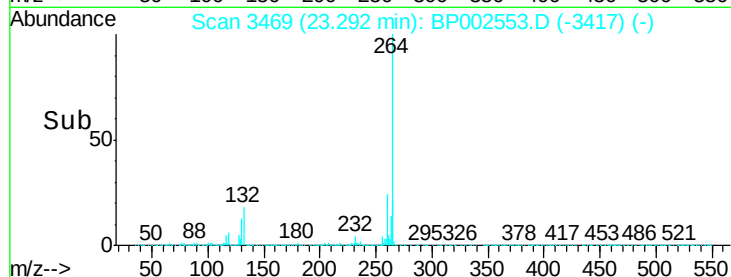
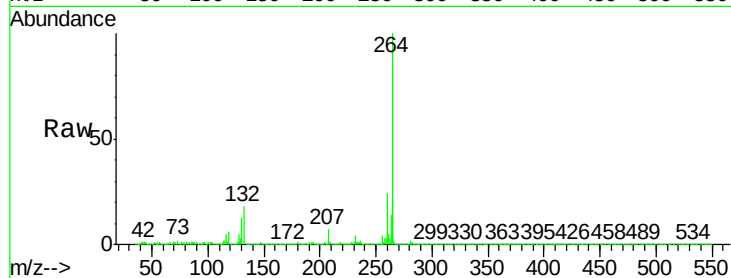
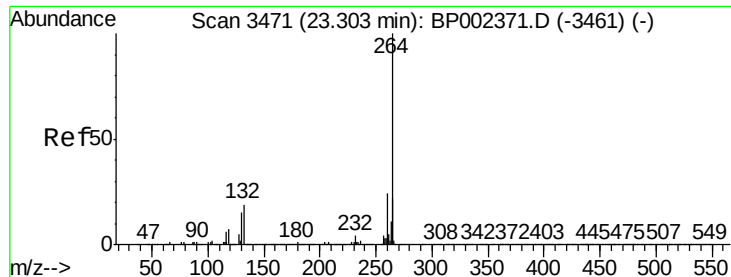


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Instrument :
BNA_P
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.2	17.6	26.4

