

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002611.D
 Acq On : 01 Jul 2020 19:04
 Operator : CG/JU
 Sample : L3157-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB-D40

Quant Time: Jul 02 01:52:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

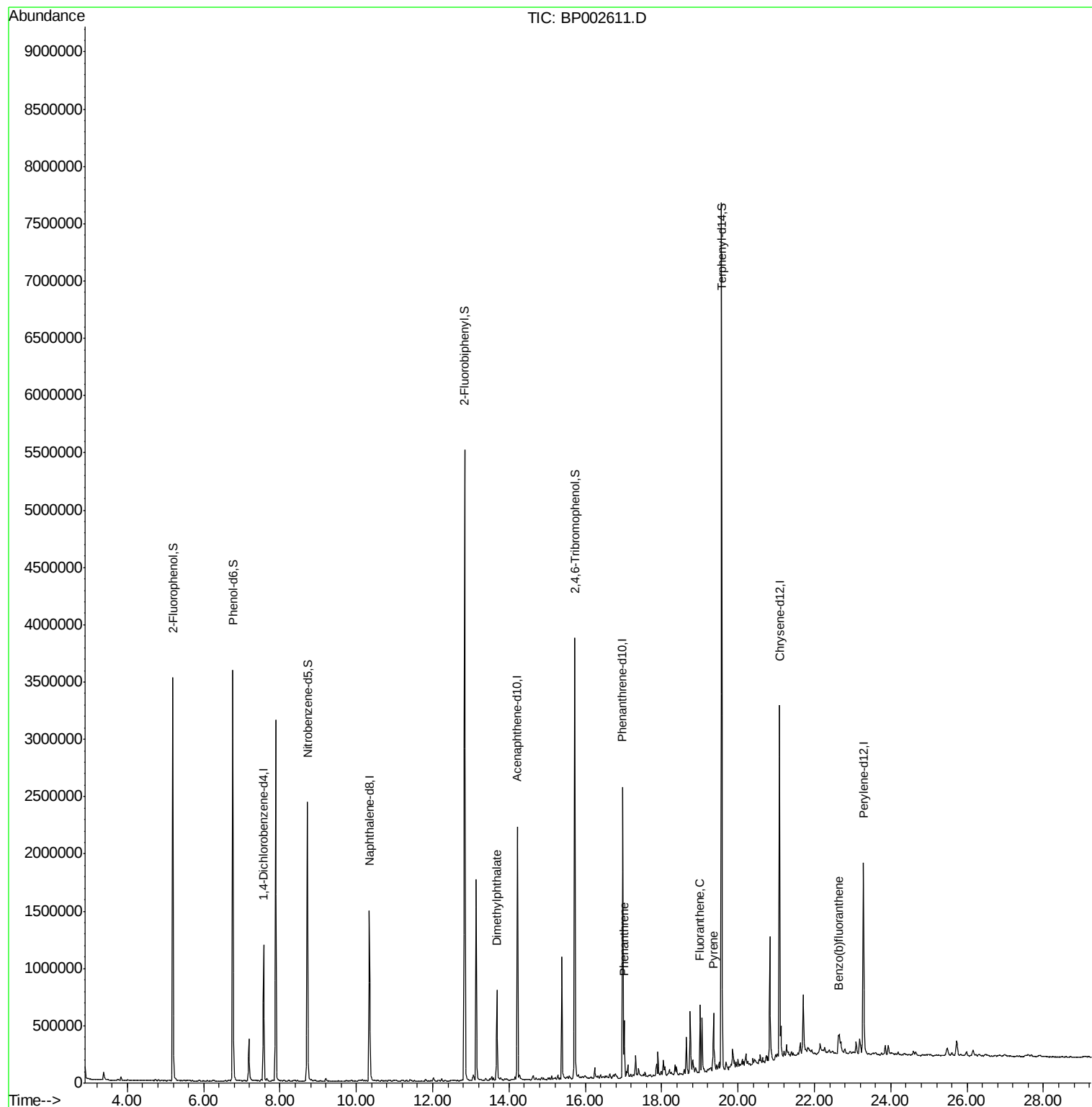
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	308363	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1231202	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	746366	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1543552	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1337138	20.00	ng	0.00
86) Perylene-d12	23.28	264	1104697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1594721	87.56	ng	0.00
7) Phenol-d6	6.76	99	2169432	85.34	ng	0.00
23) Nitrobenzene-d5	8.72	82	1456582	60.96	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	731563	80.59	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2991046	58.98	ng	0.00
79) Terphenyl-d14	19.57	244	3745294	60.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	528511	9.016	ng	99
71) Phenanthrene	17.02	178	282222	3.398	ng	99
75) Fluoranthene	19.00	202	314203	3.126	ng	97
78) Pyrene	19.36	202	294535	3.236	ng	99
88) Benzo(b)fluoranthene	22.63	252	141237	2.004	ng	98

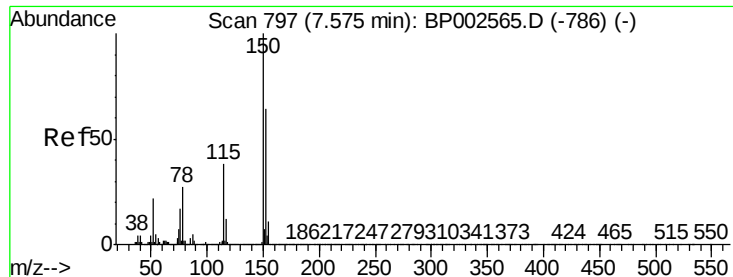
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



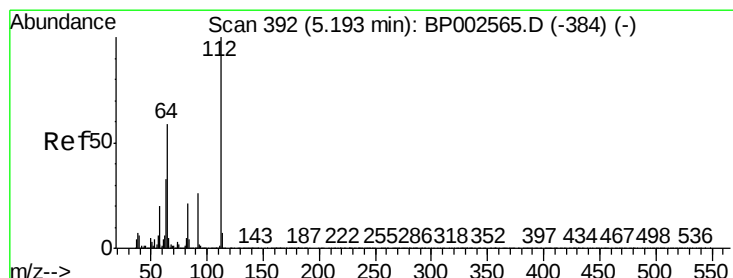
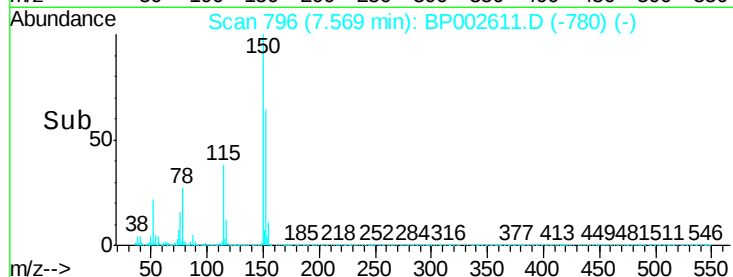
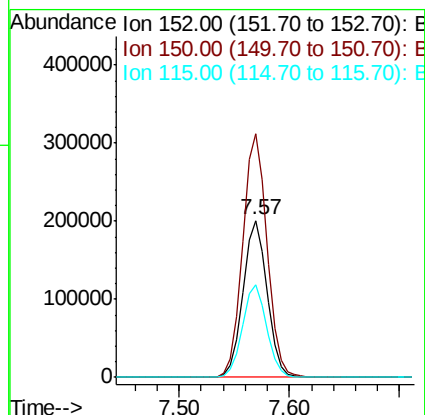
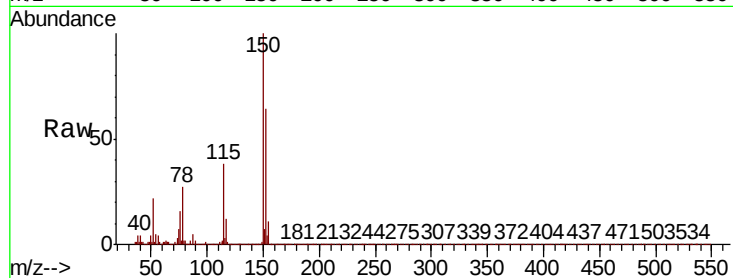


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

Instrument :
BNA_P
ClientSampleId :
CB-D40

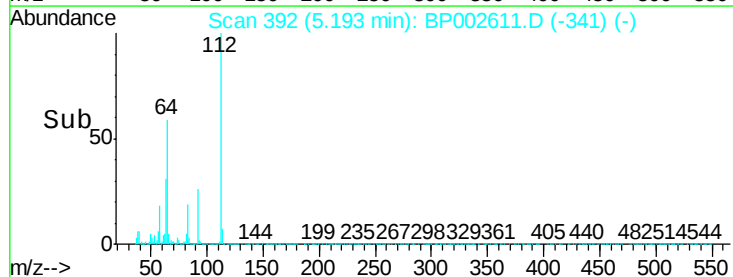
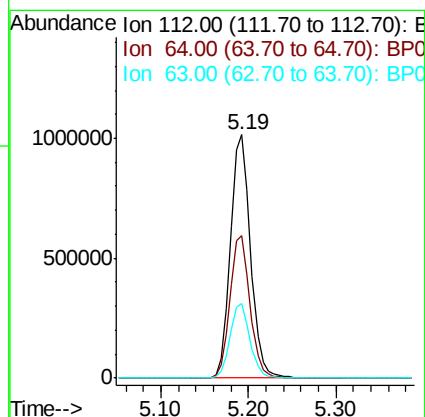
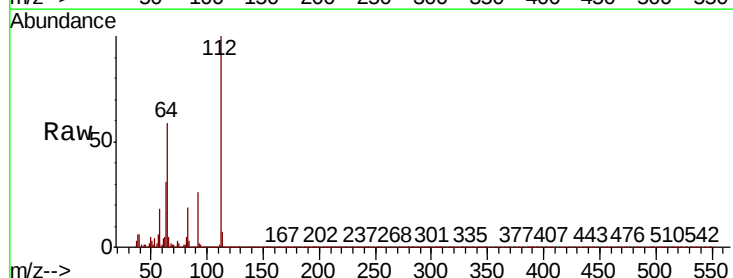
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	59.3	47.1	70.7

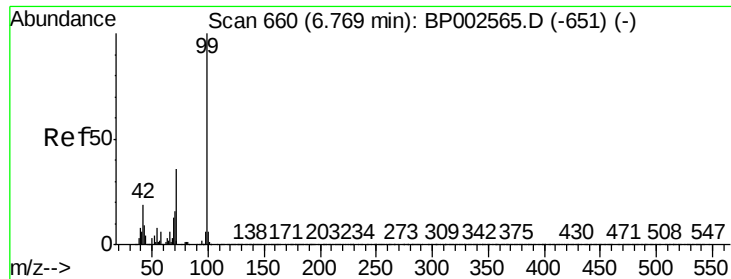


#5

2-Fluorophenol
Concen: 87.561 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	30.6	26.1	39.1





#7

Phenol-d6

Concen: 85.342 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

Instrument :

BNA_P

ClientSampleId :

CB-D40

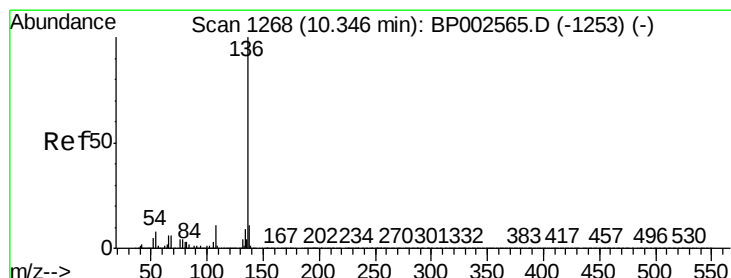
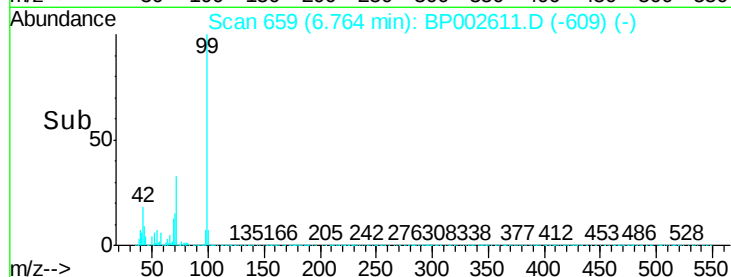
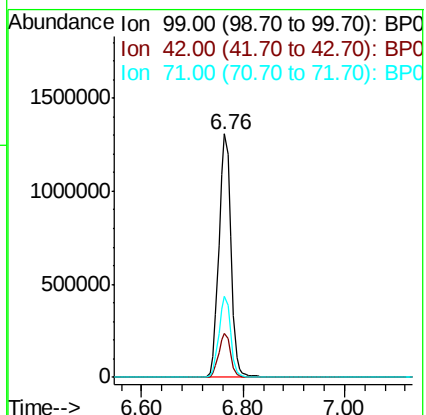
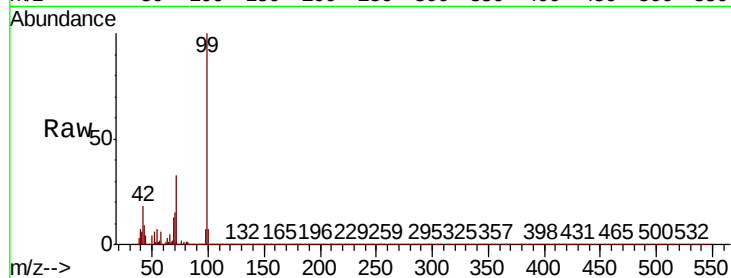
Tot Ion: 99 Resp: 2169432

Ion Ratio Lower Upper

99 100

42 18.0 15.5 23.3

71 33.2 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

Tgt Ion: 136 Resp: 1231202

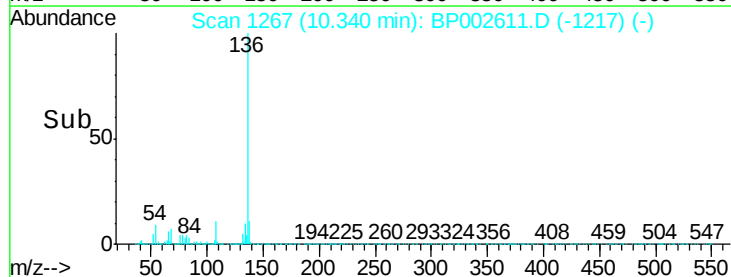
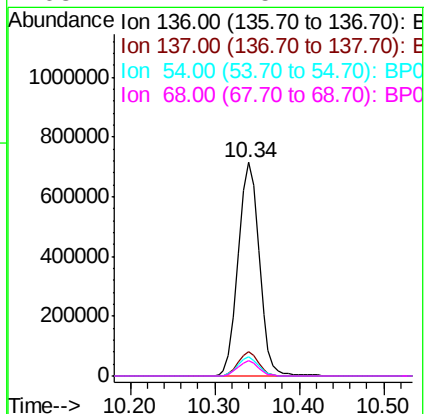
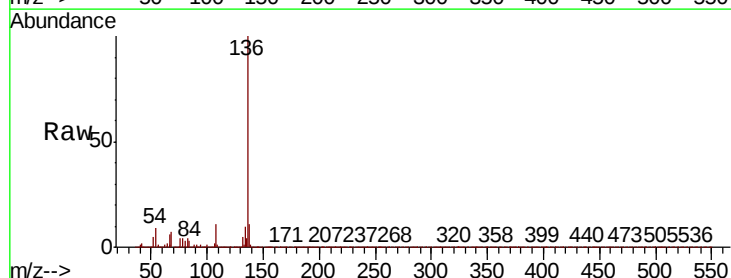
Ion Ratio Lower Upper

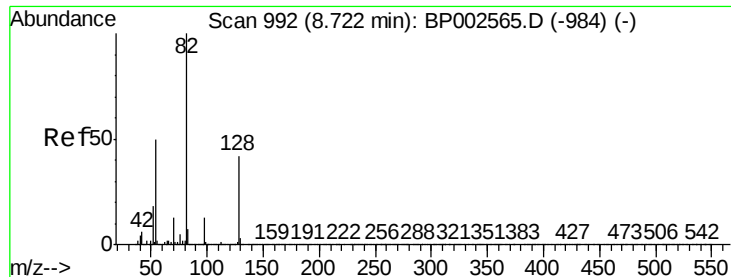
136 100

137 11.3 8.8 13.2

54 8.9 6.4 9.6

68 7.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 60.957 ng

RT: 8.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

Instrument :

BNA_P

ClientSampled :

CB-D40

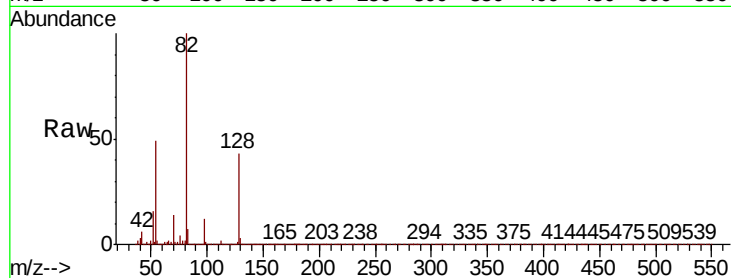
Tot Ion: 82 Resp: 1456582

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.2

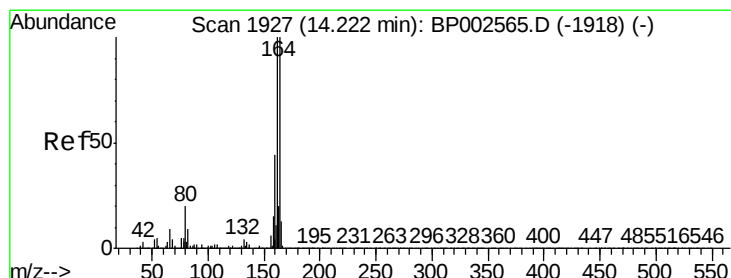
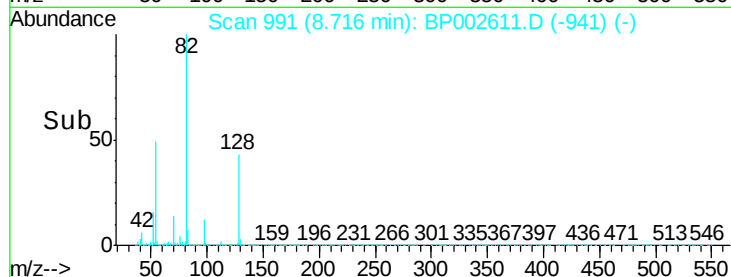
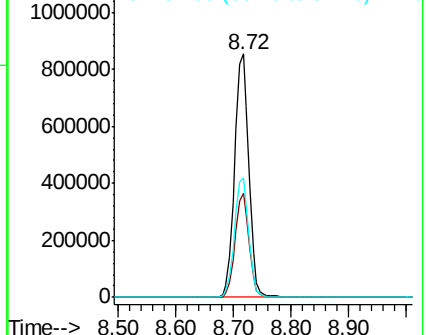
54 49.2 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

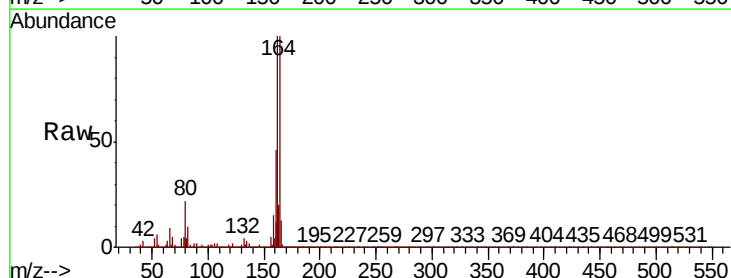
Tgt Ion: 164 Resp: 746366

Ion Ratio Lower Upper

164 100

162 100.2 80.3 120.5

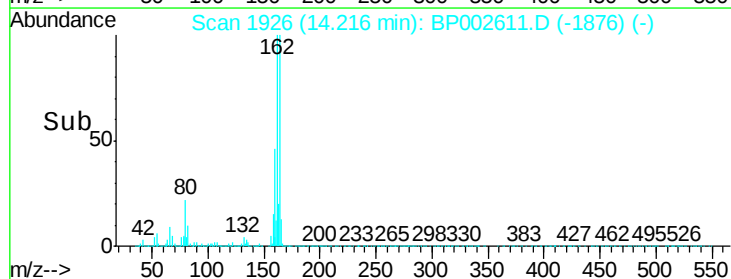
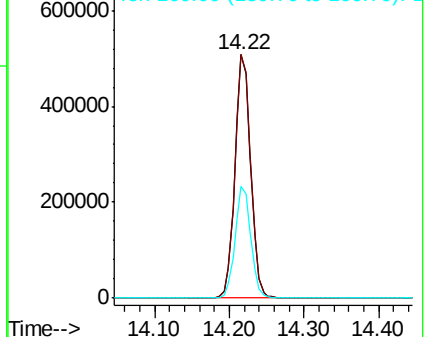
160 45.8 35.0 52.6

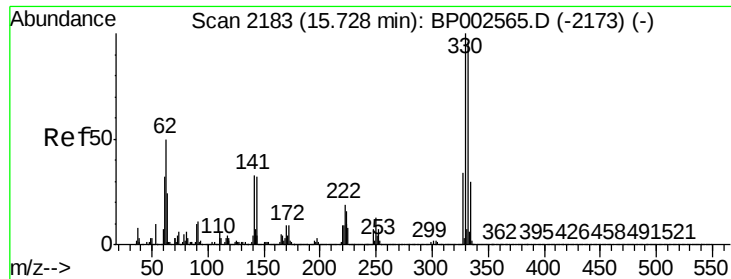


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

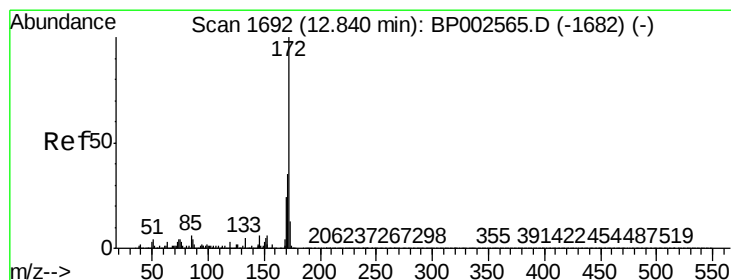
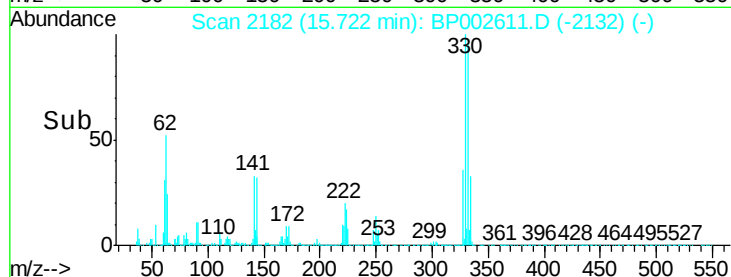
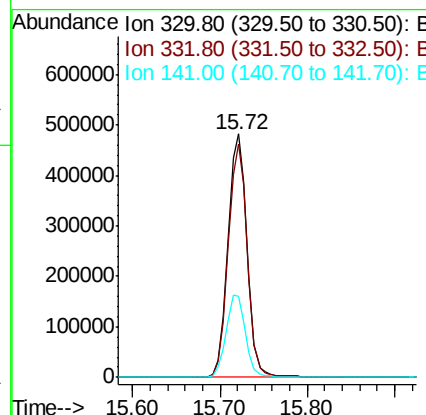
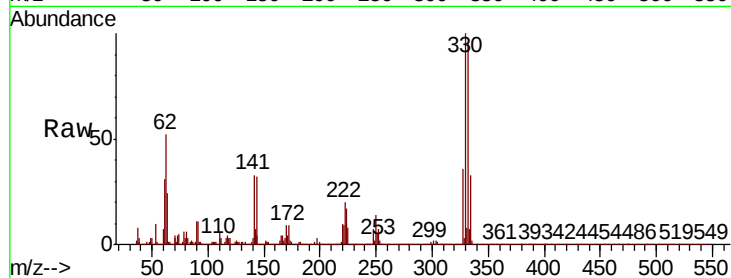




#42
 2,4,6-Tribromophenol
 Concen: 80.587 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002611.D
 Acq: 01 Jul 2020 19:04

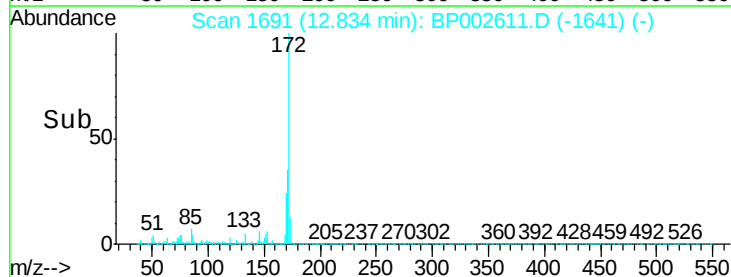
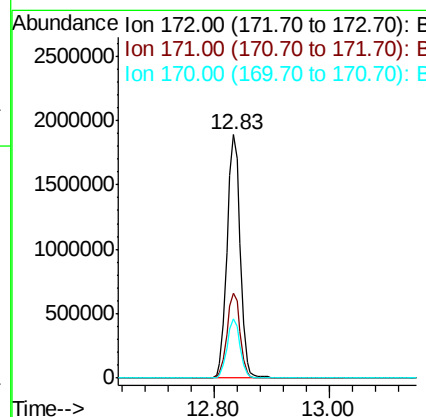
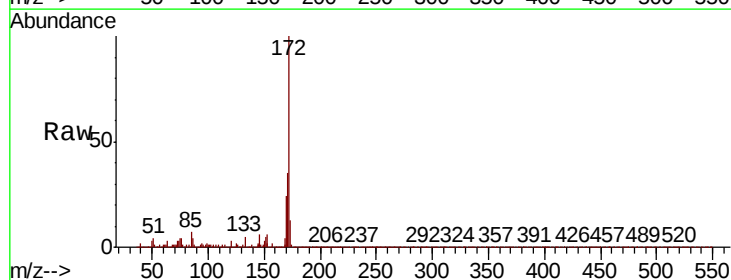
Instrument :
 BNA_P
 ClientSampleId :
 CB-D40

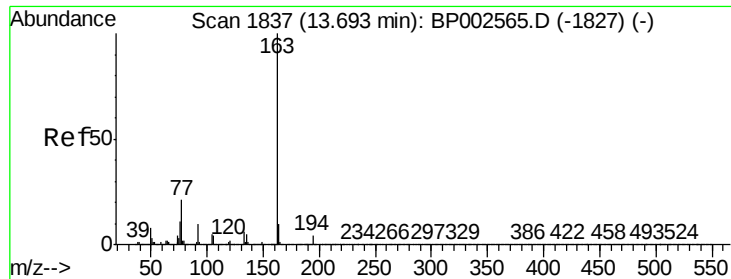
Tot Ion:330 Resp: 731563
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.7 116.5
 141 34.4 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 58.983 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002611.D
 Acq: 01 Jul 2020 19:04

Tgt Ion:172 Resp: 2991046
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 24.1 19.0 28.4

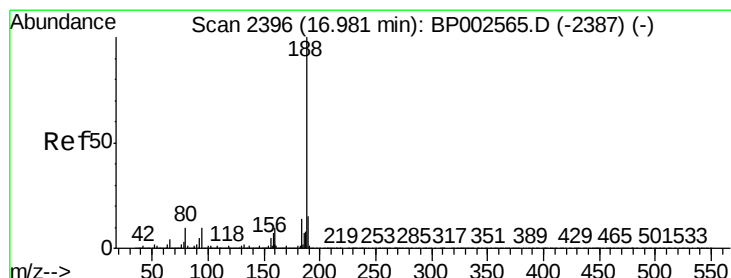
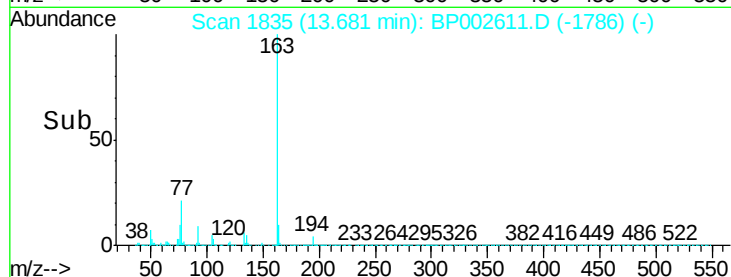
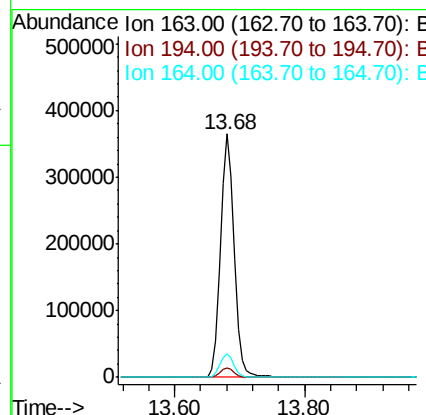
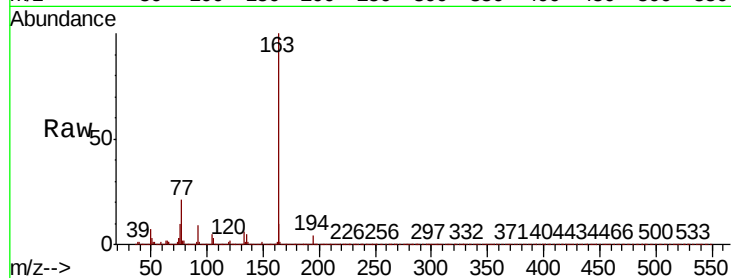




#50
Dimethylphthalate
Concen: 9.016 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

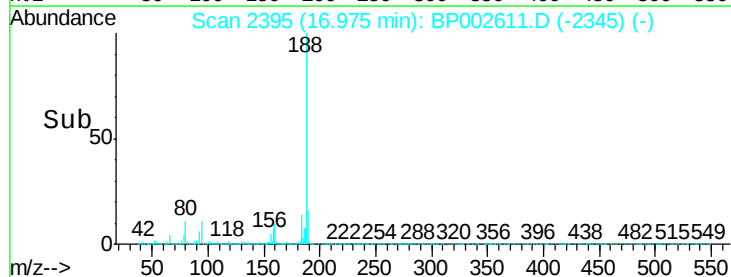
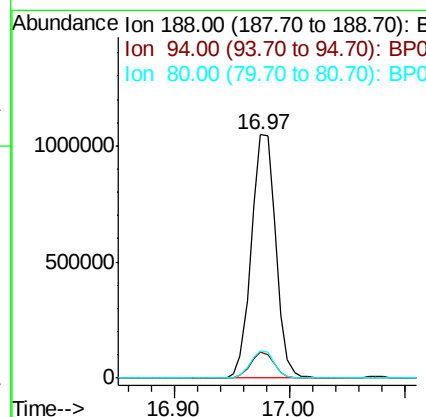
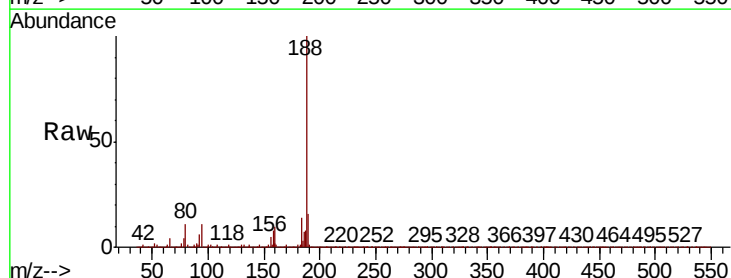
Instrument :
BNA_P
ClientSampleId :
CB-D40

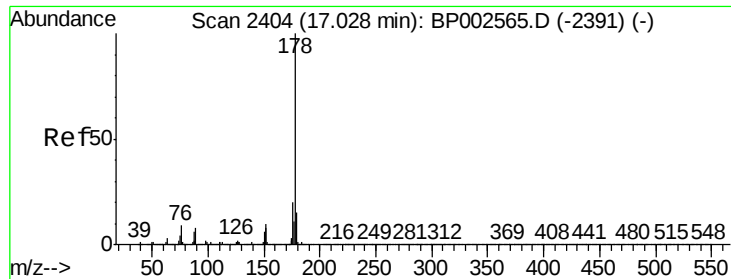
Tot Ion:163 Resp: 528511
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.7 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

Tgt Ion:188 Resp: 1543552
Ion Ratio Lower Upper
188 100
94 10.8 7.8 11.6
80 11.2 8.2 12.4





#71

Phenanthrene

Concen: 3.398 ng

RT: 17.02 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

Instrument :

BNA_P

ClientSampleId :

CB-D40

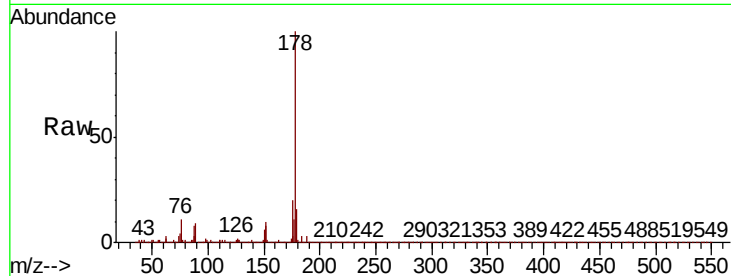
Tot Ion:178 Resp: 282222

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

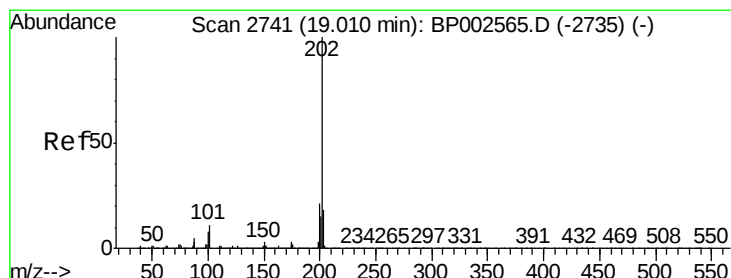
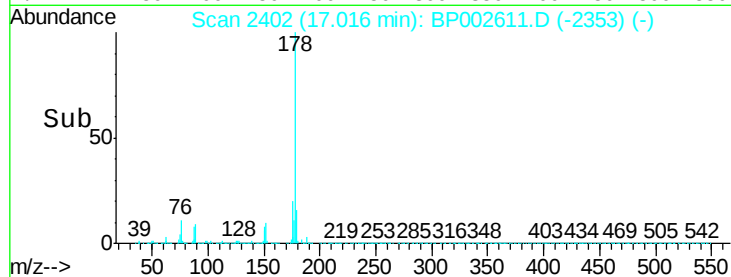
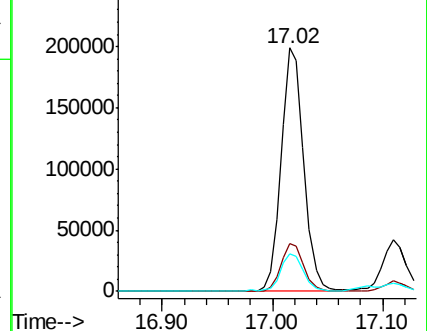
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.126 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

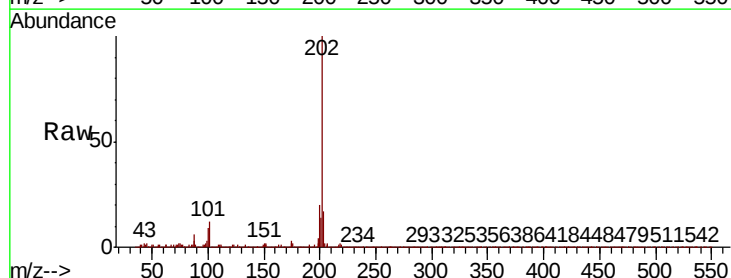
Tgt Ion:202 Resp: 314203

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.6

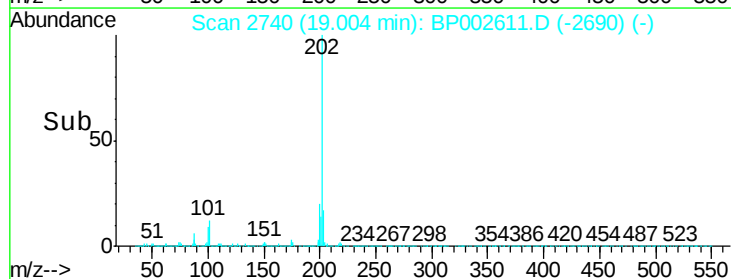
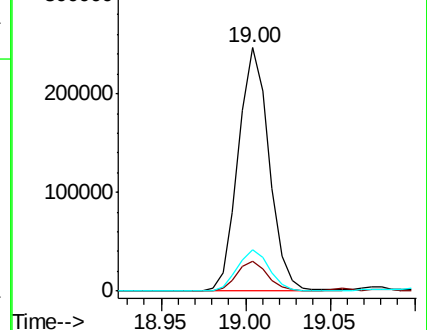
203 17.1 0.0 37.7

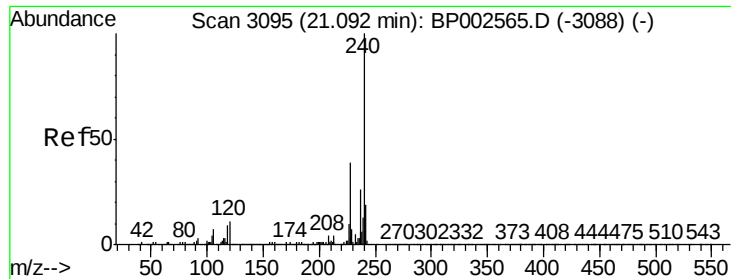


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

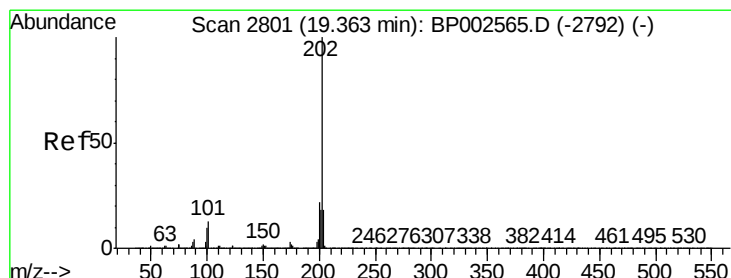
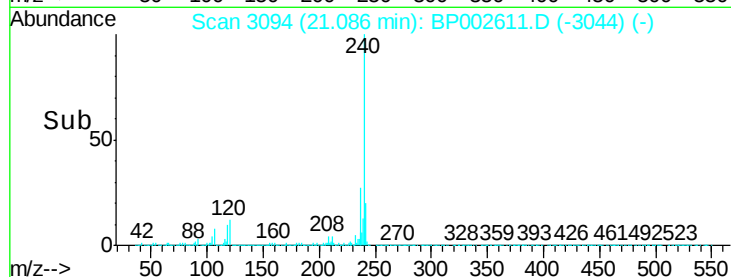
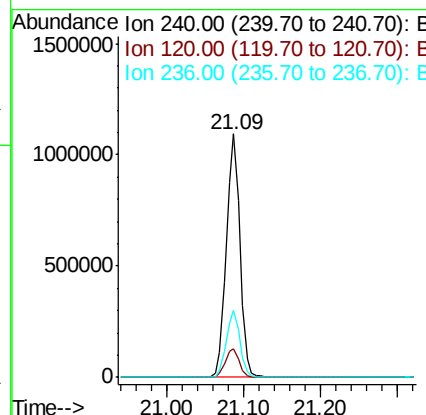
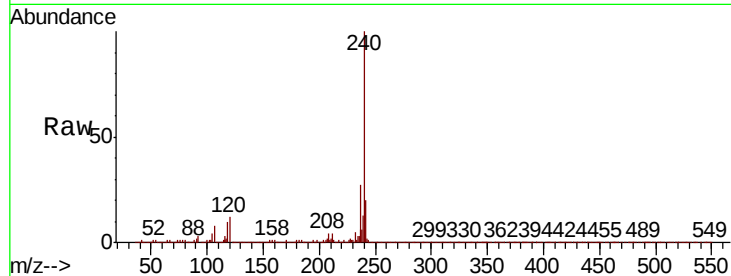




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

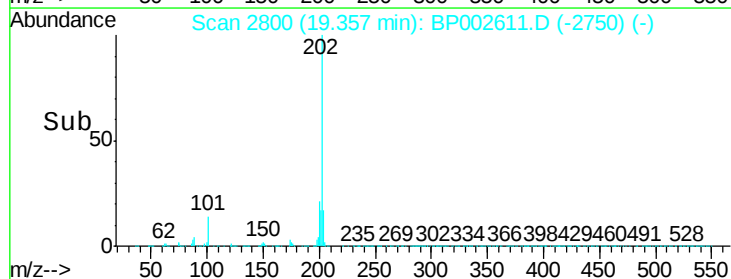
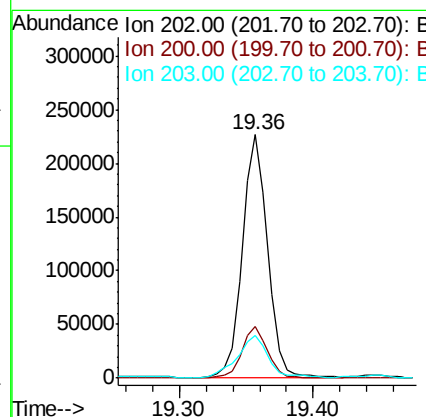
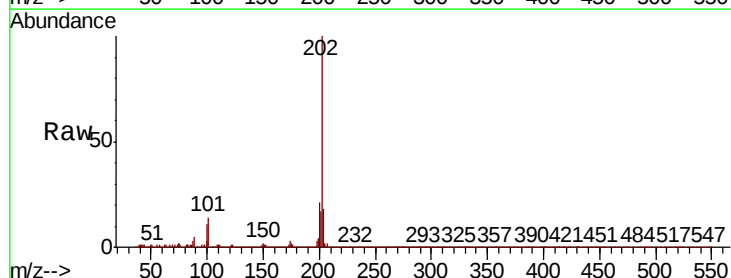
Instrument :
BNA_P
ClientSampled :
CB-D40

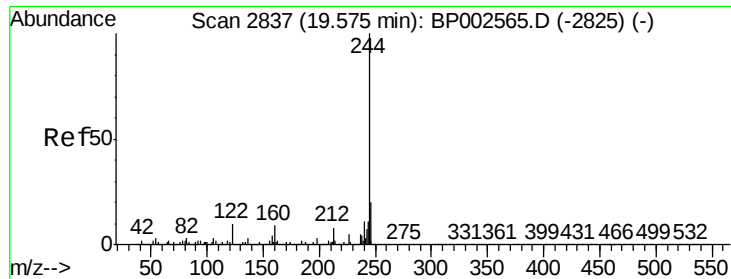
Tot Ion:240 Resp: 1337138
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 27.4 20.8 31.2



#78
Pyrene
Concen: 3.236 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002611.D
Acq: 01 Jul 2020 19:04

Tgt Ion:202 Resp: 294535
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 60.459 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

Instrument :

BNA_P

ClientSampleId :

CB-D40

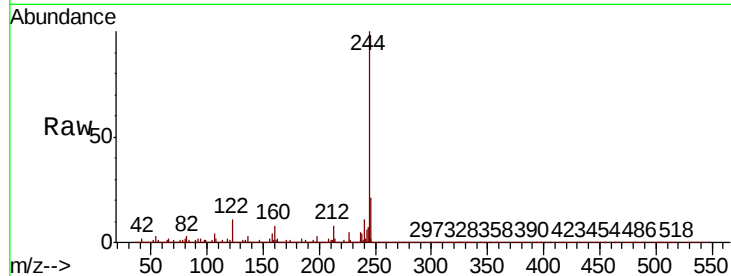
Tot Ion:244 Resp: 3745294

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

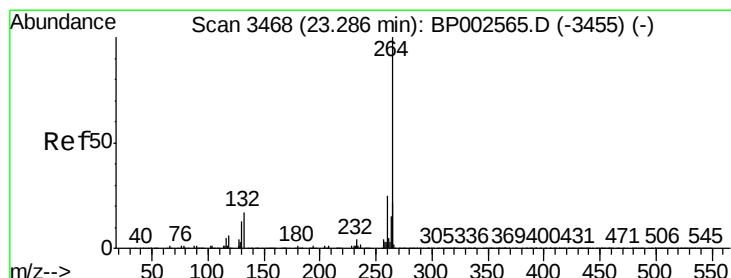
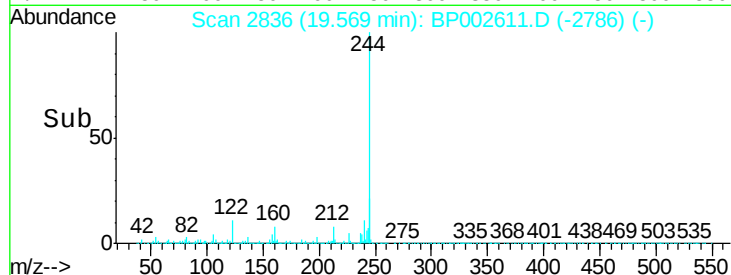
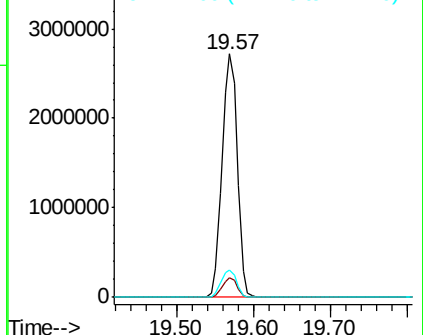
122 11.2 7.9 11.9



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

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002611.D

Acq: 01 Jul 2020 19:04

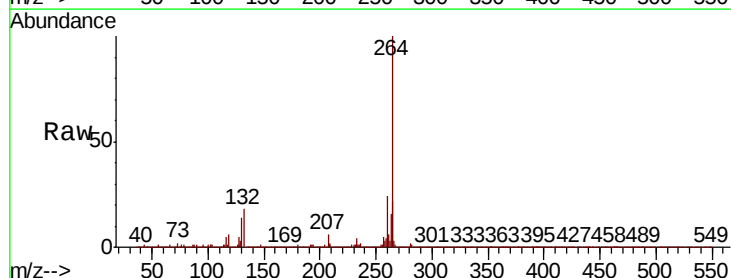
Tgt Ion:264 Resp: 1104697

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

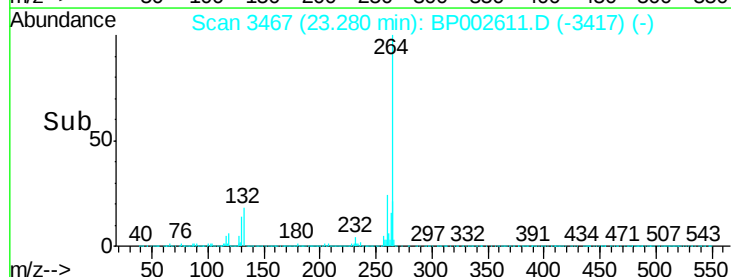
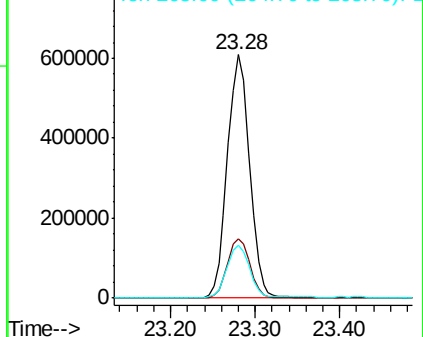
265 21.5 17.6 26.4

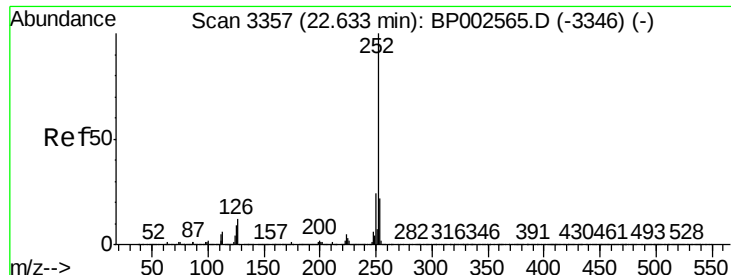


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88
 Benzo(b)fluoranthene
 Concen: 2.004 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002611.D
 Acq: 01 Jul 2020 19:04

Instrument :
 BNA_P
 ClientSampleId :
 CB-D40

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.4	7.4	11.2

