

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003025.D
 Acq On : 18 Aug 2020 19:40
 Operator : CG/JU
 Sample : L3696-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 W-1

Quant Time: Aug 19 01:44:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

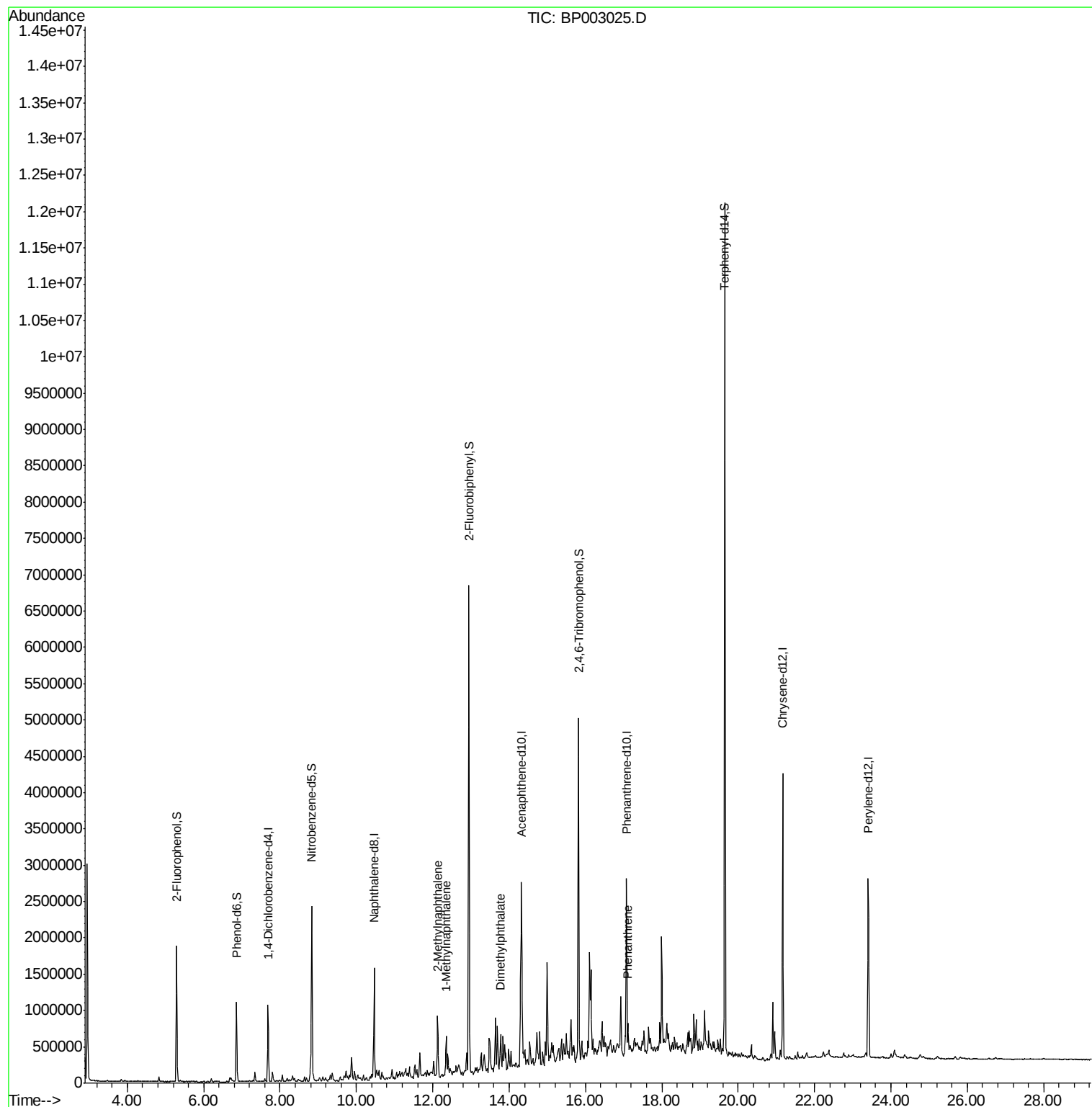
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	325120	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1286929	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	735969	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1524506	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1751180	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1756742	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1014643	47.76	ng	0.00
7) Phenol-d6	6.86	99	743840	25.22	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1424701	59.96	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1027388	112.32	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3758958	69.78	ng	0.00
79) Terphenyl-d14	19.65	244	5275340	60.31	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.13	142	417276	7.963	ng	99
38) 1-Methylnaphthalene	12.35	142	256846	5.207	ng	99
50) Dimethylphthalate	13.78	163	355579	6.177	ng	99
71) Phenanthrene	17.11	178	253408	2.835	ng	97

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

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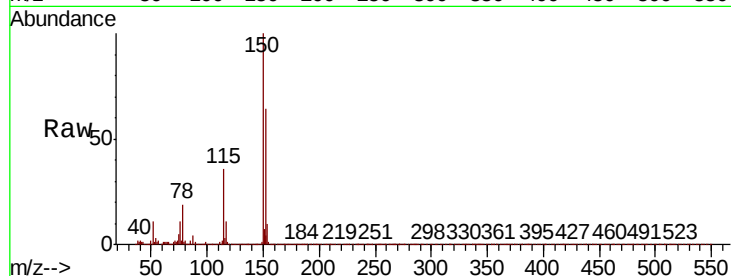


#1

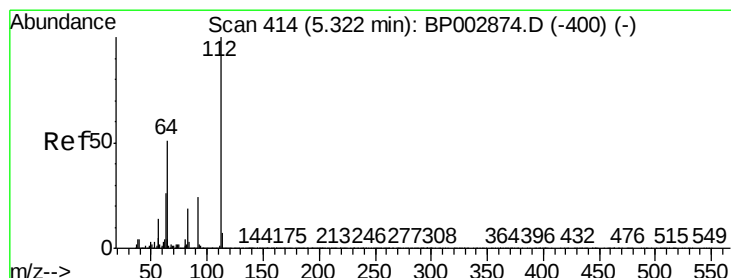
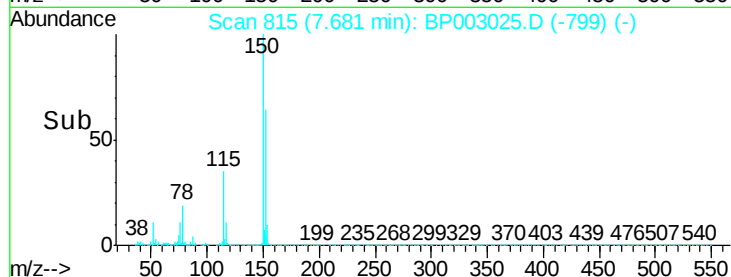
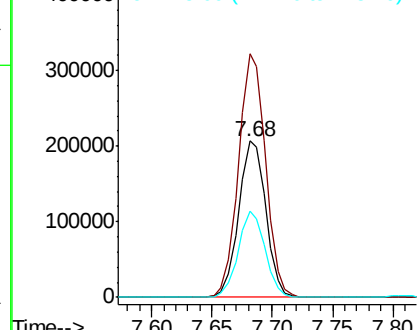
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003025.D
Acq: 18 Aug 2020 19:40

Instrument :
BNA_P
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	55.3	43.4	65.2



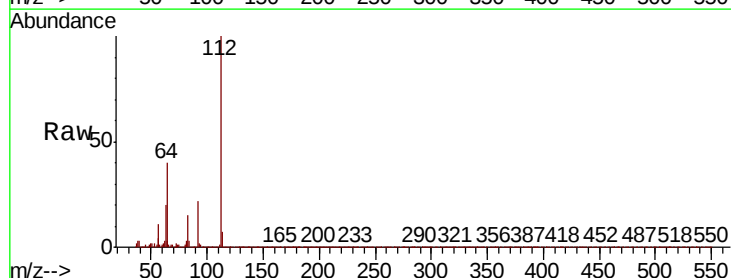
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



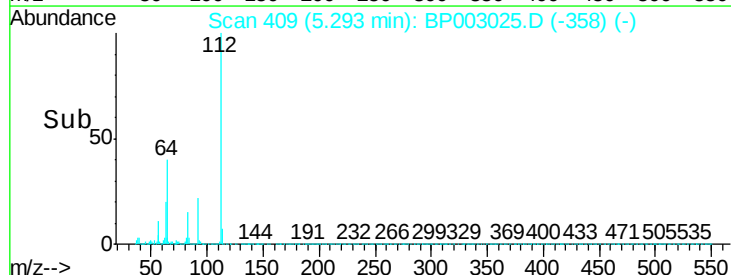
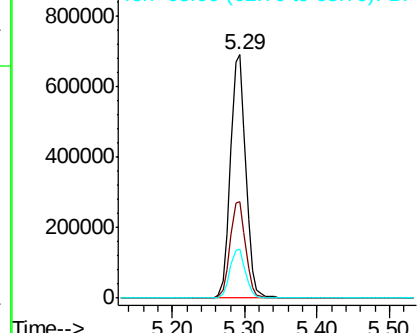
#5

2-Fluorophenol
Concen: 47.764 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003025.D
Acq: 18 Aug 2020 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.6	33.4	50.2
63	20.1	17.4	26.0



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: 25.221 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

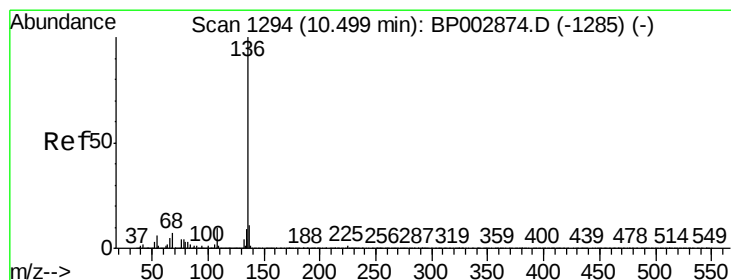
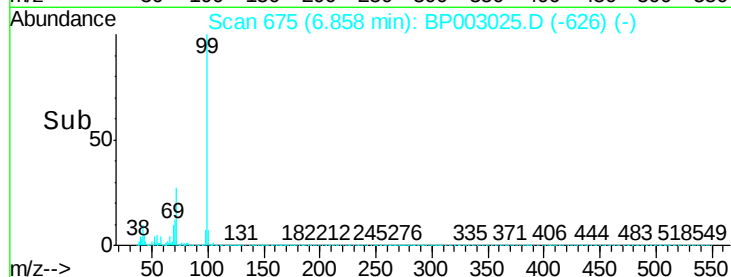
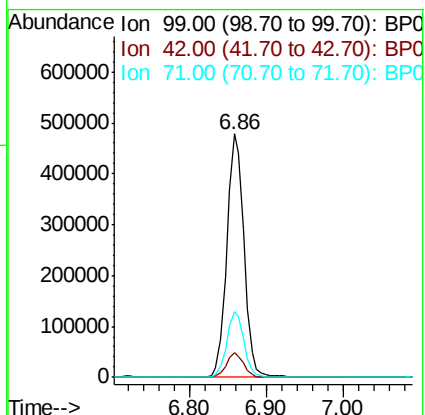
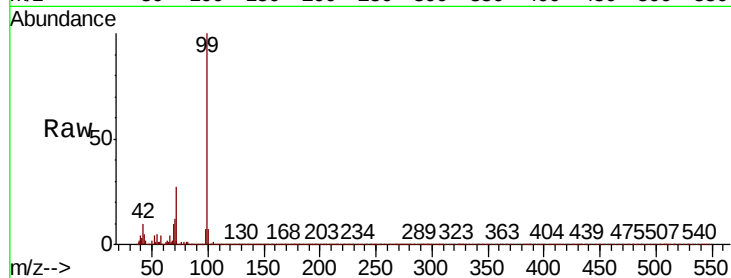
Tot Ion: 99 Resp: 743840

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

71 26.9 21.3 31.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Tgt Ion: 136 Resp: 1286929

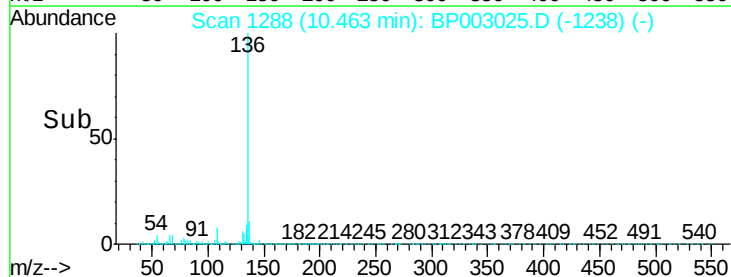
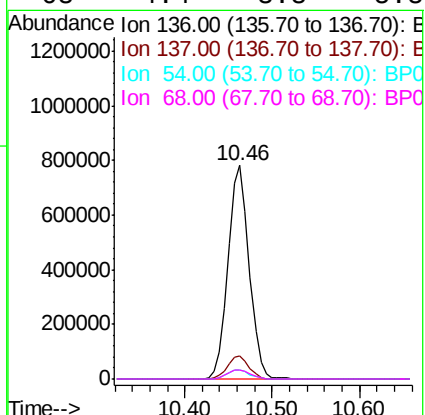
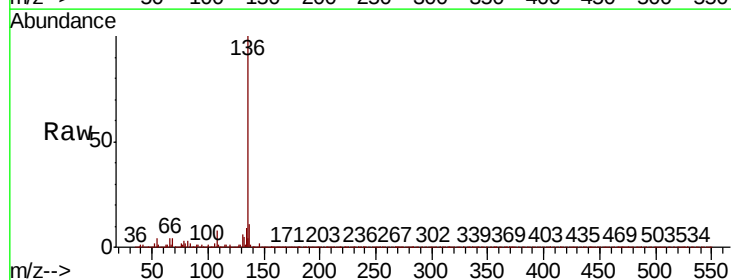
Ion Ratio Lower Upper

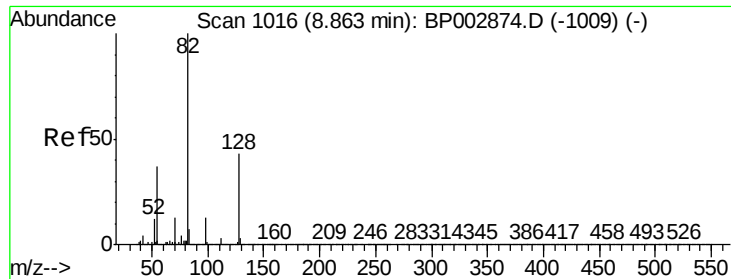
136 100

137 11.0 8.8 13.2

54 4.4 3.8 5.8

68 4.4 3.8 5.8

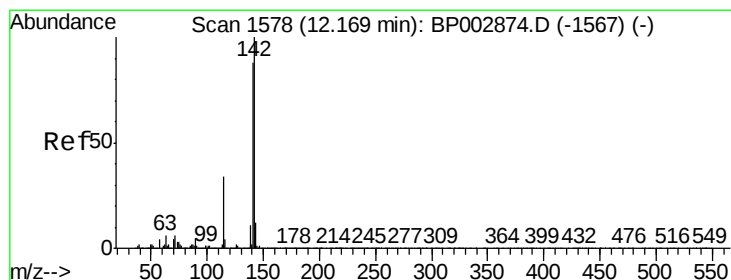
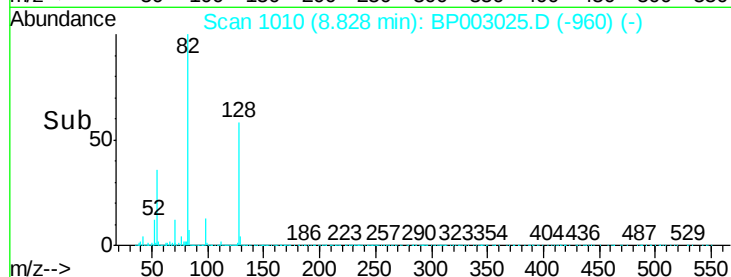
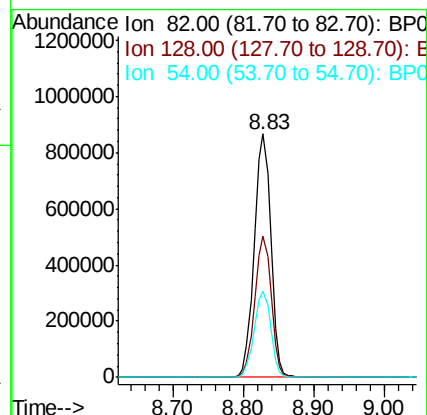
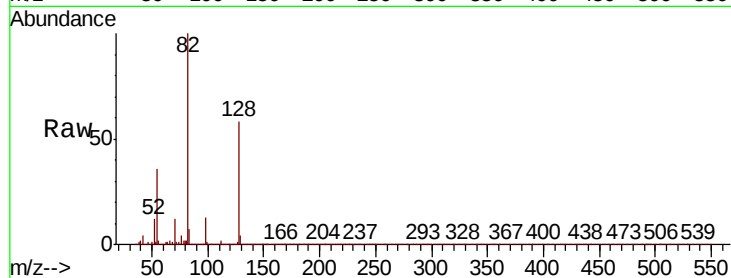




#23
Nitrobenzene-d5
Concen: 59.961 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003025.D
Acq: 18 Aug 2020 19:40

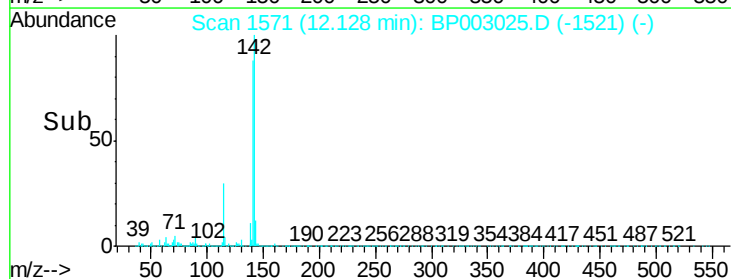
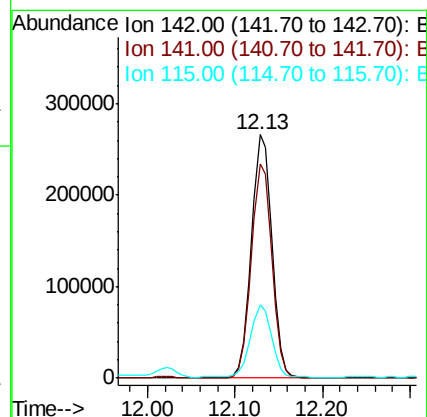
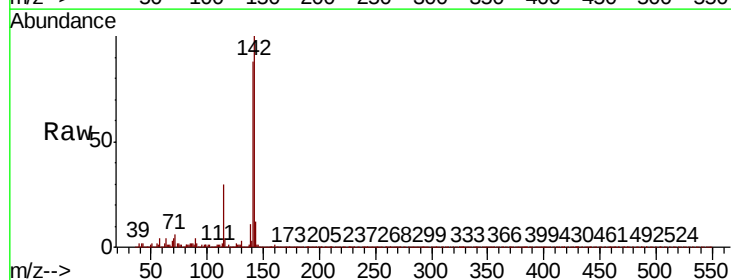
Instrument :
BNA_P
ClientSampled :
W-1

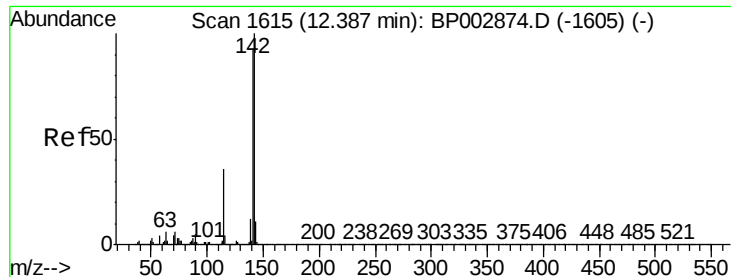
Tot Ion: 82 Resp: 1424701
Ion Ratio Lower Upper
82 100
128 57.9 45.1 67.7
54 35.5 28.8 43.2



#37
2-Methylnaphthalene
Concen: 7.963 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP003025.D
Acq: 18 Aug 2020 19:40

Tgt Ion: 142 Resp: 417276
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 30.0 25.0 37.4





#38

1-Methylnaphthalene

Concen: 5.207 ng

RT: 12.35 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

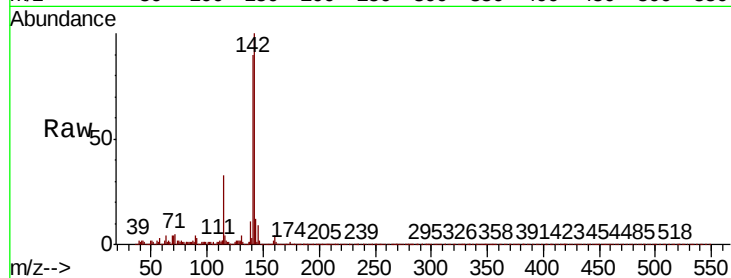
Tot Ion:142 Resp: 256846

Ion Ratio Lower Upper

142 100

141 90.5 73.5 110.3

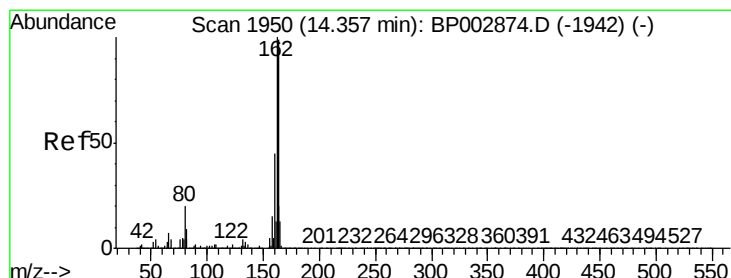
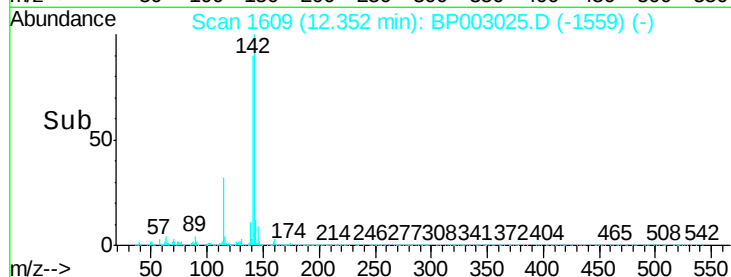
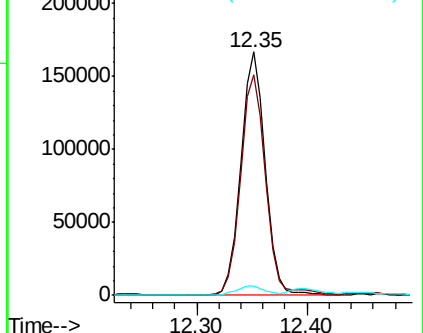
116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

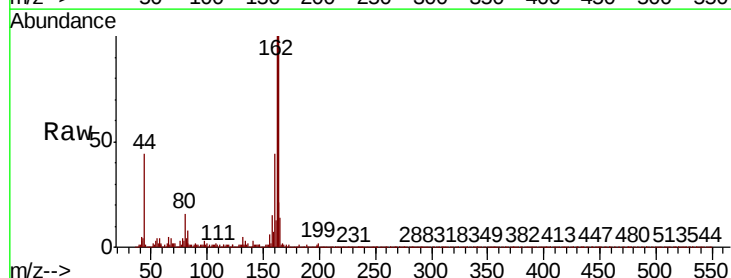
Tgt Ion:164 Resp: 735969

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

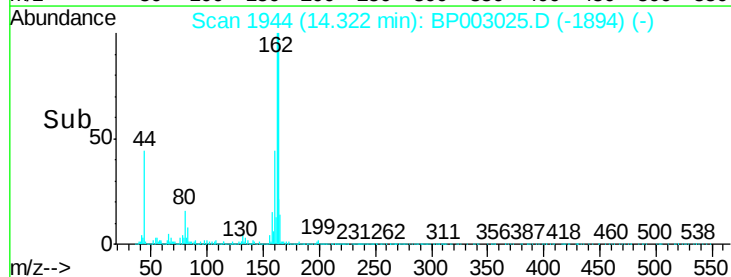
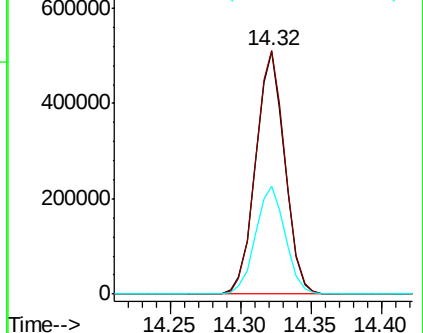
160 44.6 35.5 53.3

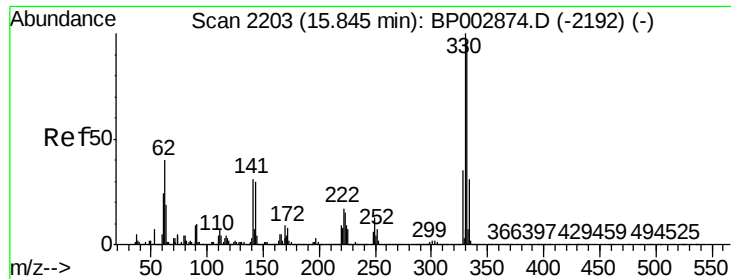


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 112.317 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

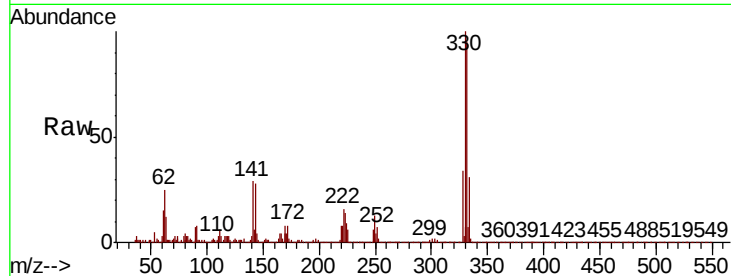
Tot Ion:330 Resp: 1027388

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

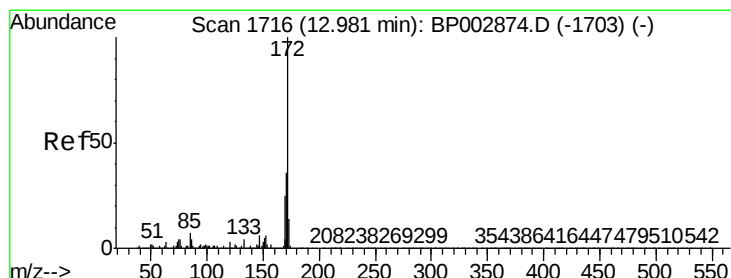
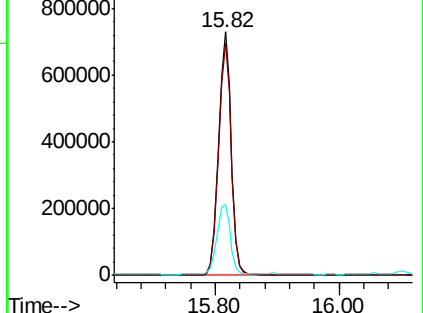
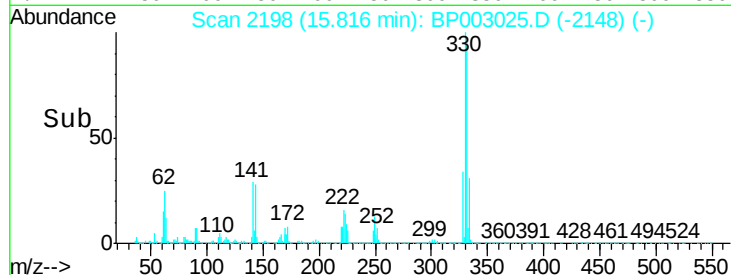
141 30.3 26.7 40.1



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: 69.784 ng

RT: 12.95 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

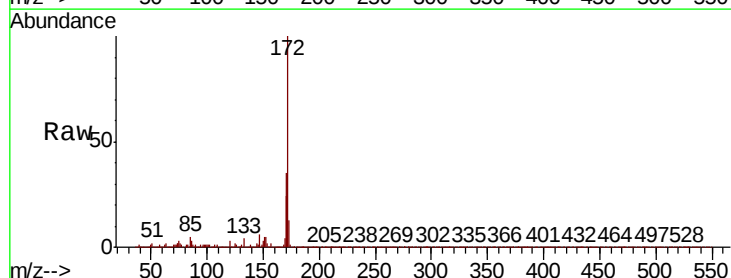
Tgt Ion:172 Resp: 3758958

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

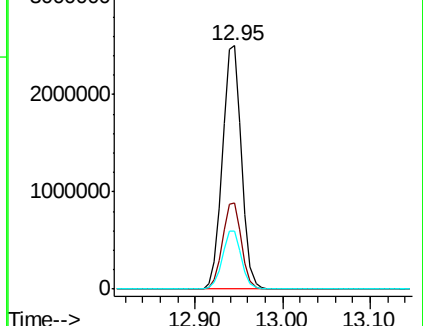
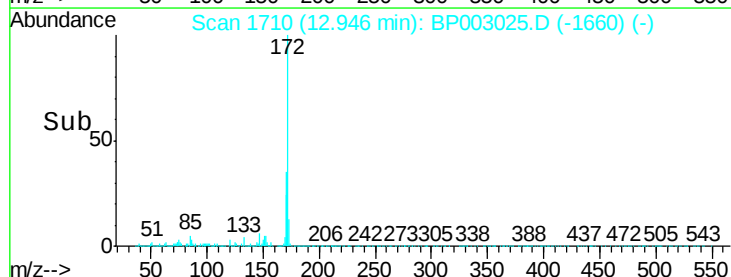
170 23.6 19.1 28.7

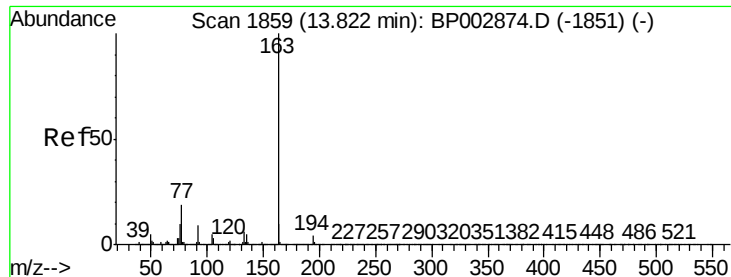


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.177 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

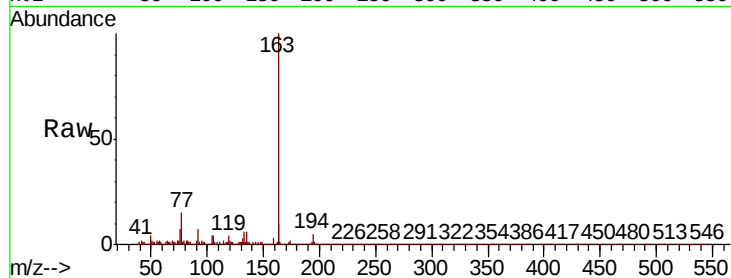
Tot Ion:163 Resp: 355579

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

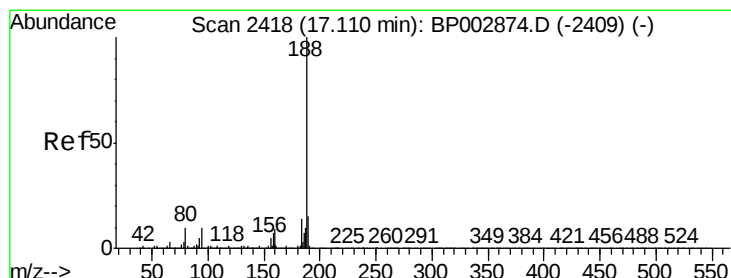
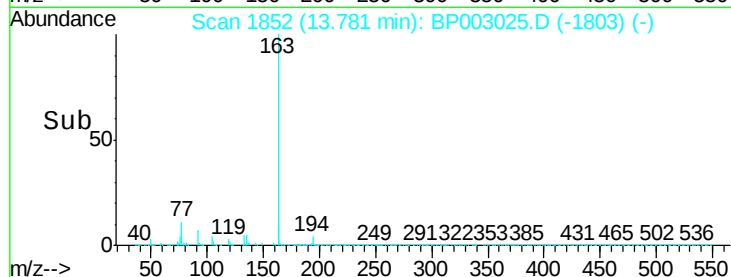
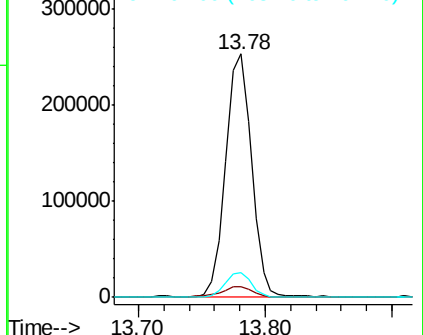
164 10.2 8.1 12.1



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: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

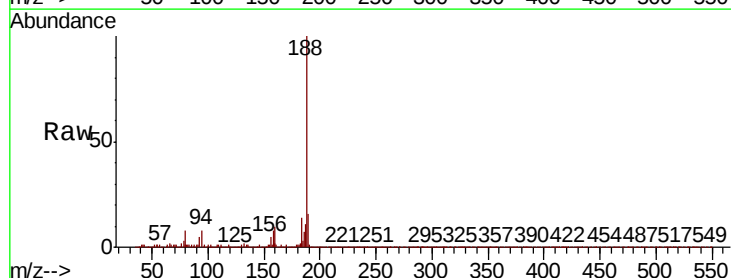
Tgt Ion:188 Resp: 1524506

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

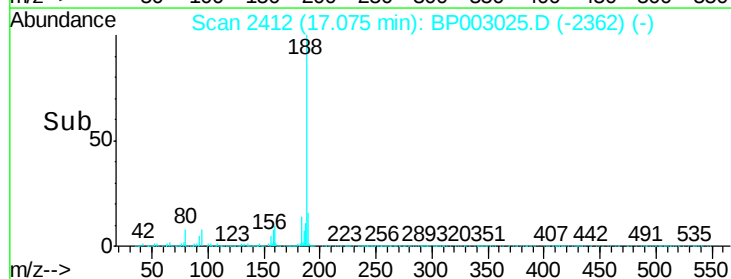
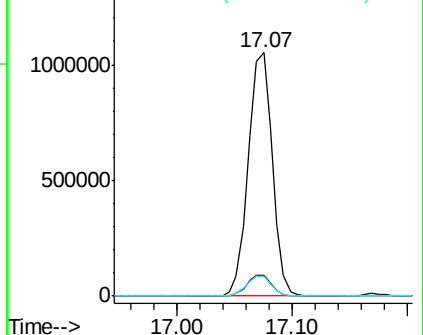
80 8.2 6.7 10.1

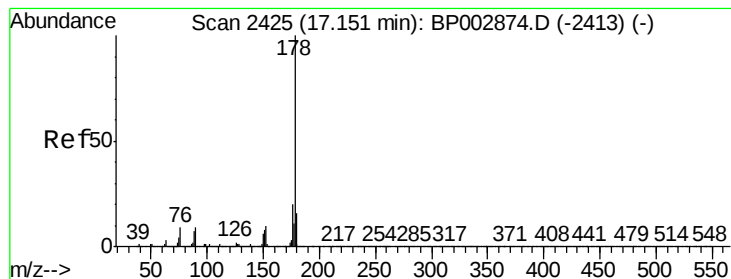


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#71

Phenanthrene

Concen: 2.835 ng

RT: 17.11 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

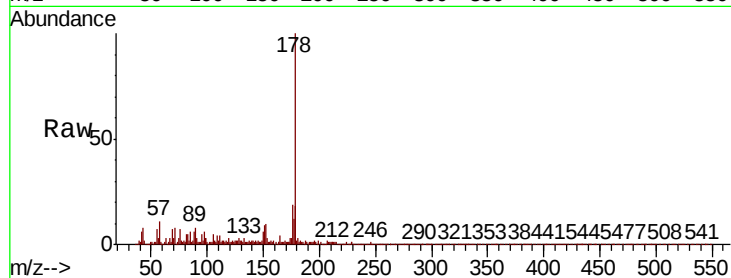
Tot Ion:178 Resp: 253408

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

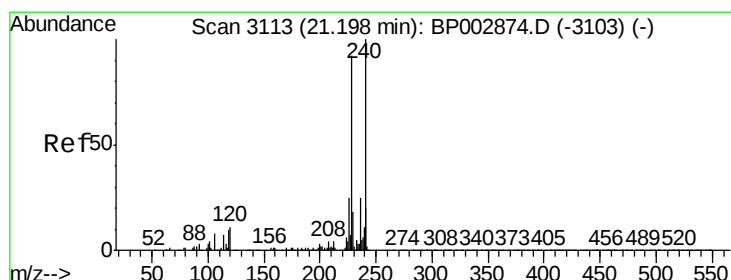
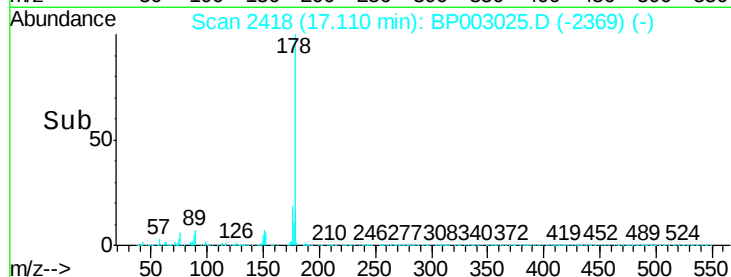
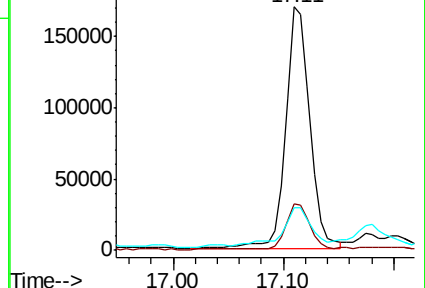
179 17.7 12.9 19.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

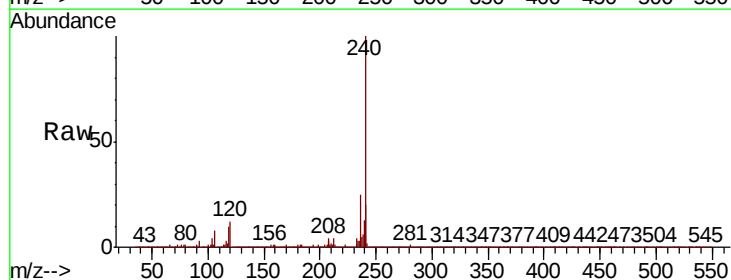
Tgt Ion:240 Resp: 1751180

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

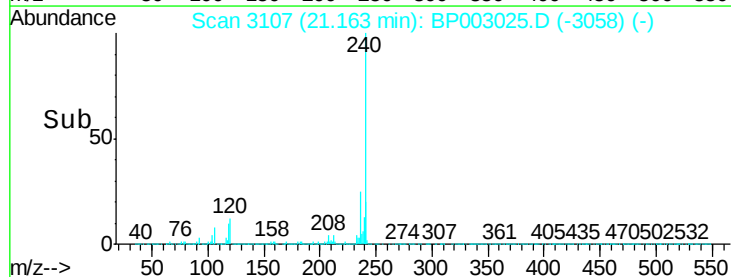
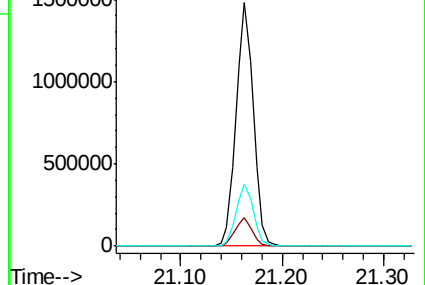
236 25.2 20.8 31.2

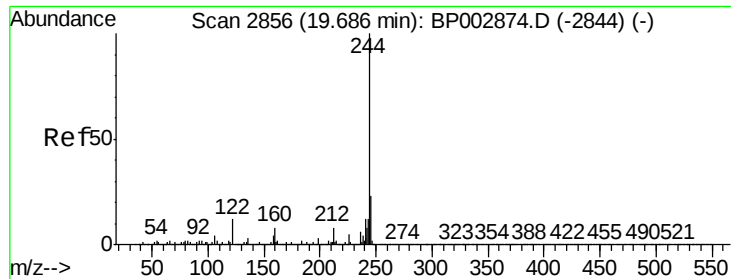


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.308 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

Instrument :

BNA_P

ClientSampleId :

W-1

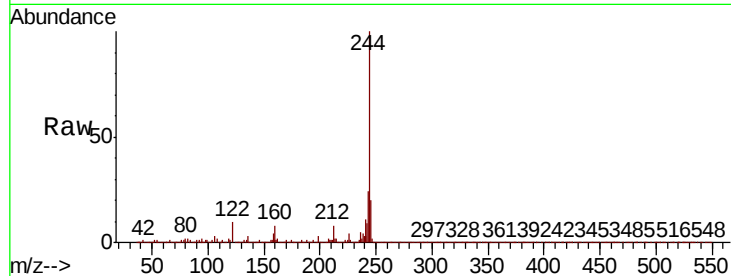
Tot Ion:244 Resp: 5275340

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

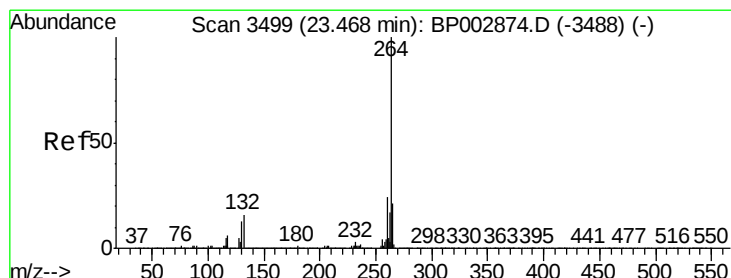
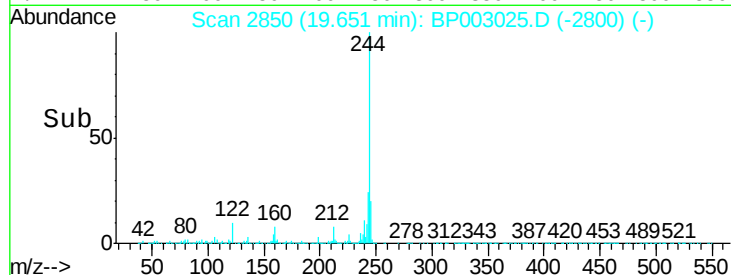
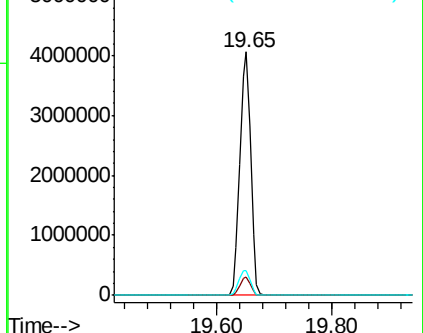
122 10.1 8.7 13.1



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003025.D

Acq: 18 Aug 2020 19:40

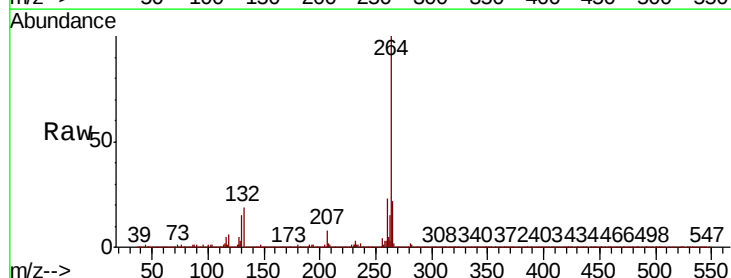
Tgt Ion:264 Resp: 1756742

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.3 25.9



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

