

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003106.D
 Acq On : 25 Aug 2020 19:39
 Operator : CG/JU
 Sample : L3780-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-B

Quant Time: Aug 26 00:55:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

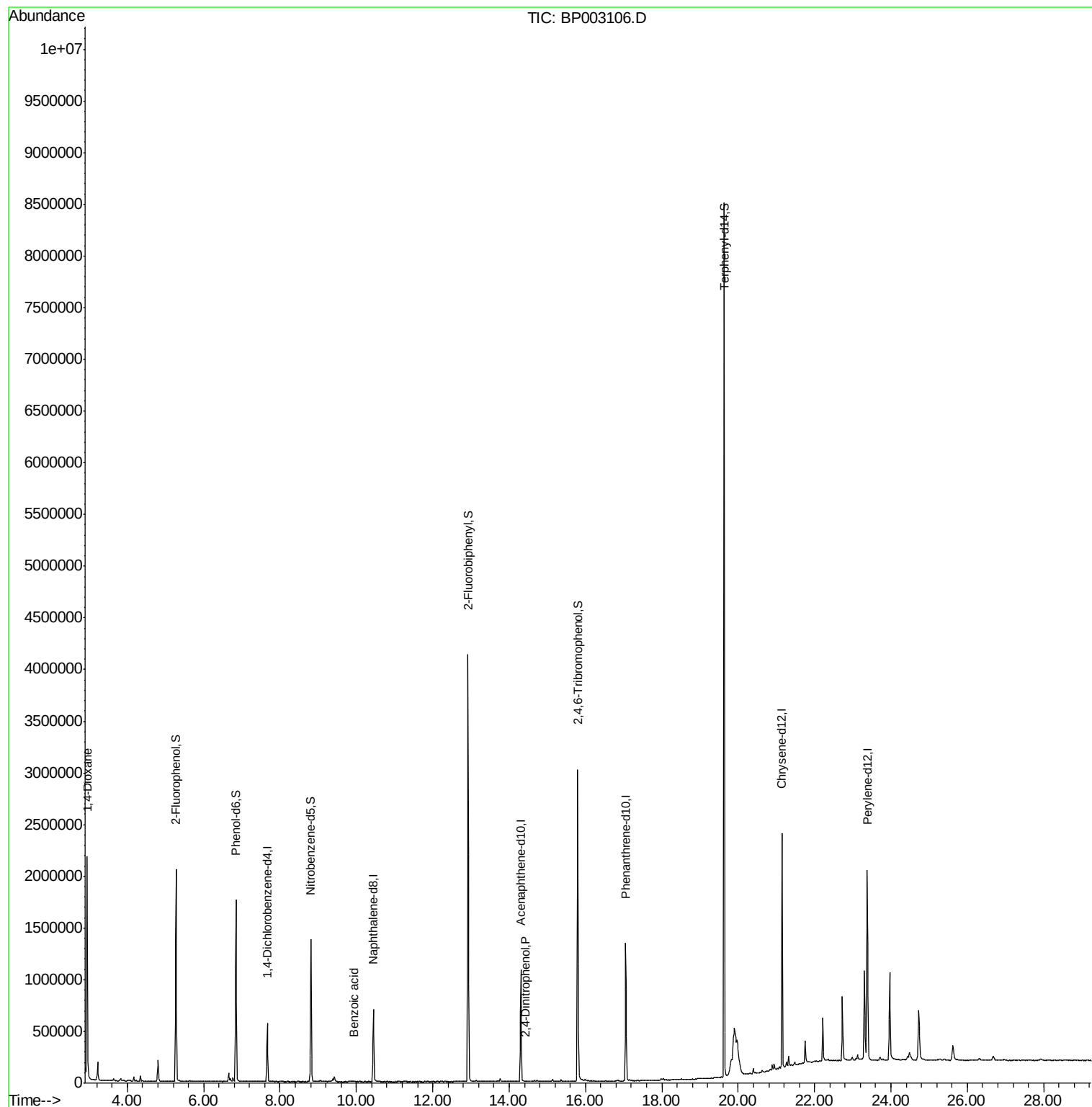
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	173733	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	671561	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	397754	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	879527	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1077671	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1384657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1112282	113.19	ng	0.00
7) Phenol-d6	6.85	99	1185580	96.25	ng	0.00
23) Nitrobenzene-d5	8.80	82	826384	88.71	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	750143	139.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2342055	86.23	ng	0.00
79) Terphenyl-d14	19.63	244	3700142	75.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.95	88	22780	6.064	ng	# 1
32) Benzoic acid	9.93	122	176	9.019	ng	91
54) 2,4-Dinitrophenol	14.42	184	17	7.759	ng	# 1

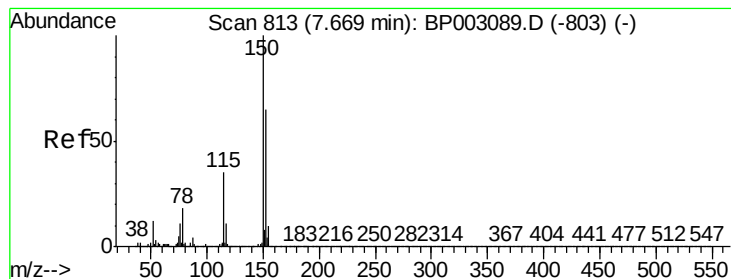
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BP003106.D

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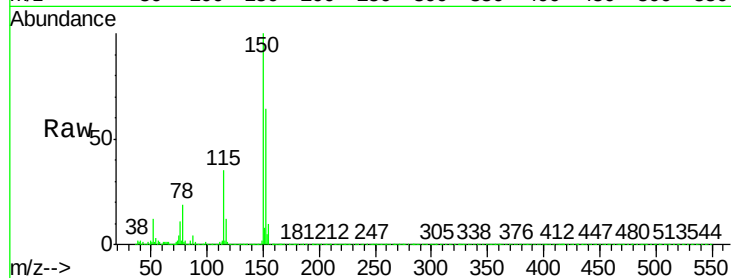
Tot Ion:152 Resp: 173733

Ion Ratio Lower Upper

152 100

150 156.3 123.1 184.7

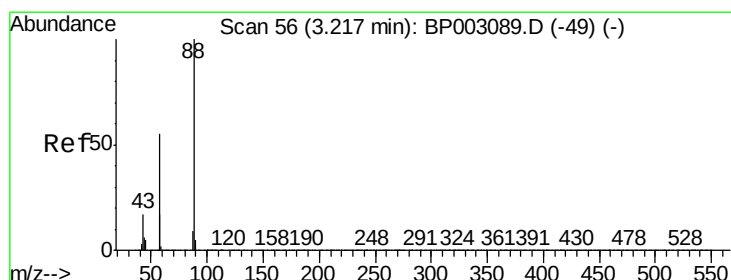
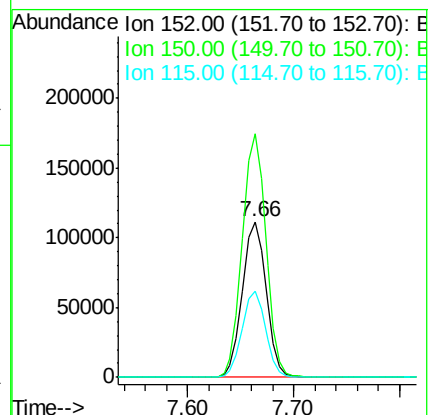
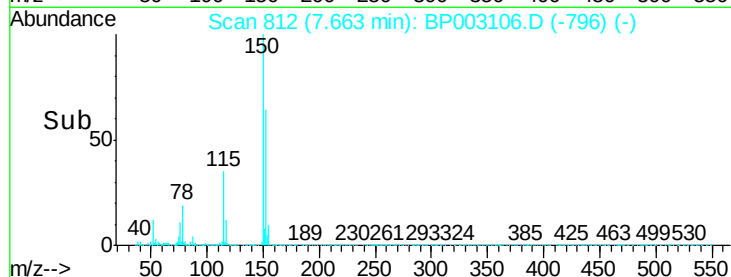
115 55.1 42.8 64.2



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



#2

1,4-Dioxane

Concen: 6.064 ng

RT: 2.95 min Scan# 10

Delta R.T. -0.27 min

Lab File: BP003106.D

Acq: 25 Aug 2020 19:39

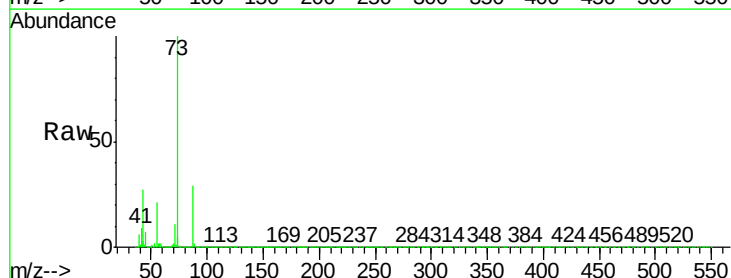
Tgt Ion: 88 Resp: 22780

Ion Ratio Lower Upper

88 100

58 22.5 44.3 66.5#

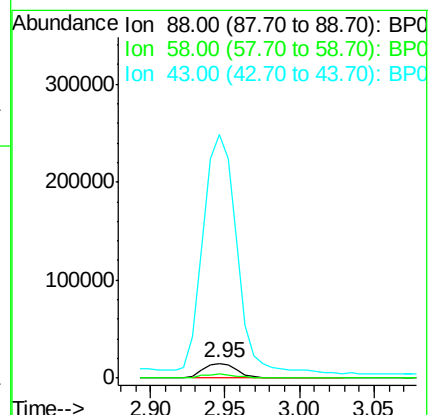
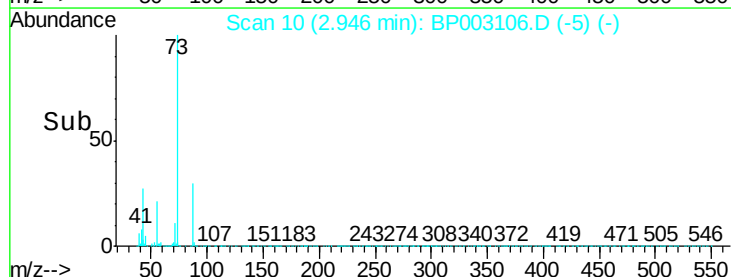
43 1620.1 14.3 21.5#

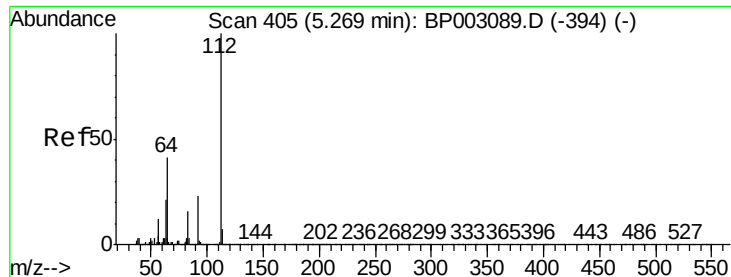


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 113.193 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003106.D

Acq: 25 Aug 2020 19:39

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-B

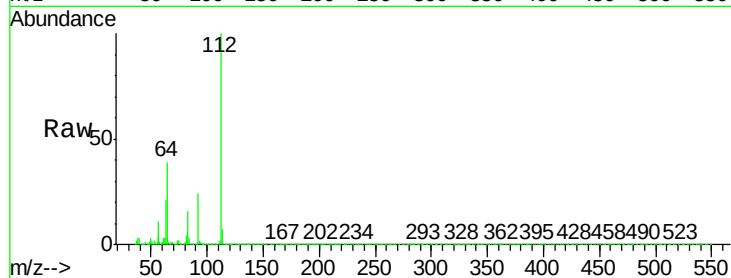
Tot Ion:112 Resp: 1112282

Ion Ratio Lower Upper

112 100

64 38.5 33.0 49.6

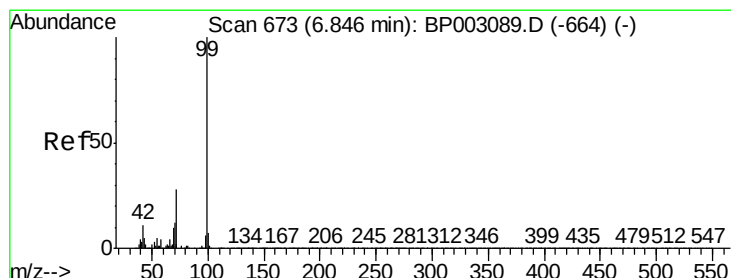
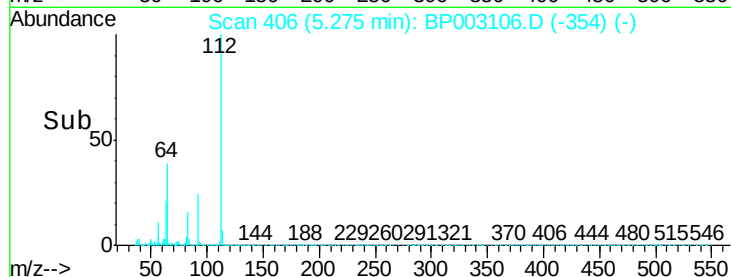
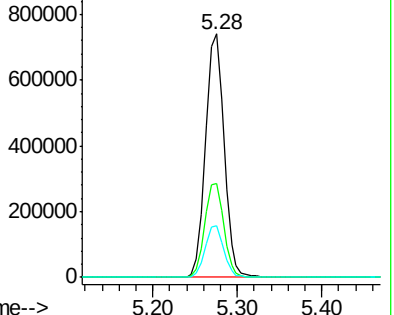
63 21.0 16.9 25.3



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: 96.247 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003106.D

Acq: 25 Aug 2020 19:39

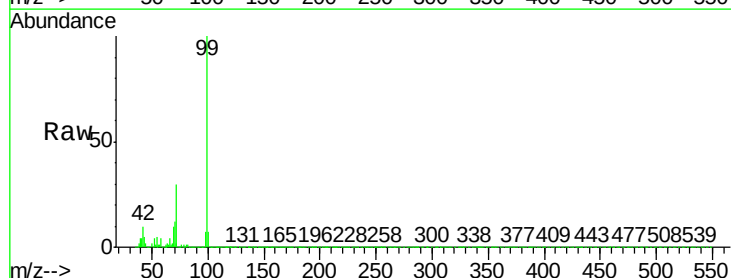
Tgt Ion: 99 Resp: 1185580

Ion Ratio Lower Upper

99 100

42 10.3 8.5 12.7

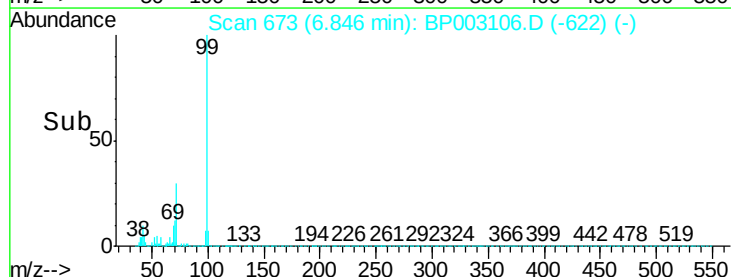
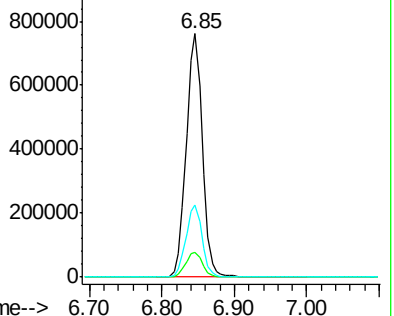
71 29.7 22.8 34.2

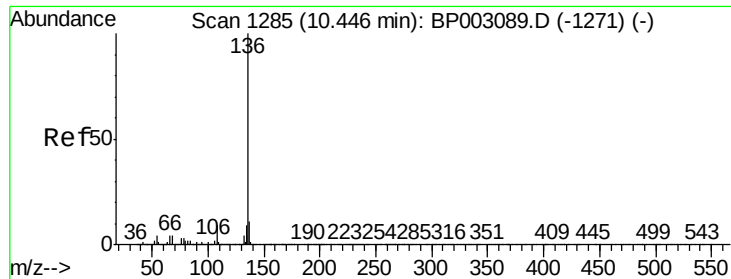


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

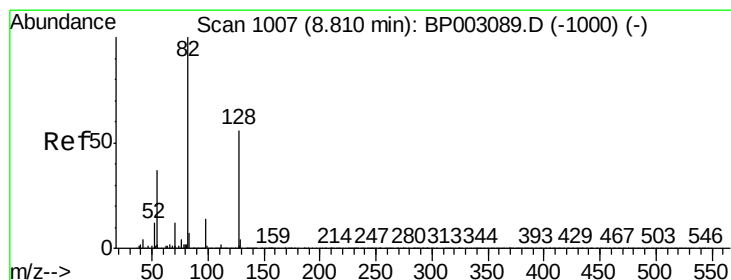
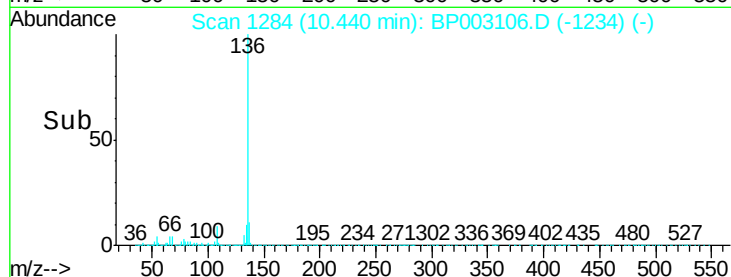
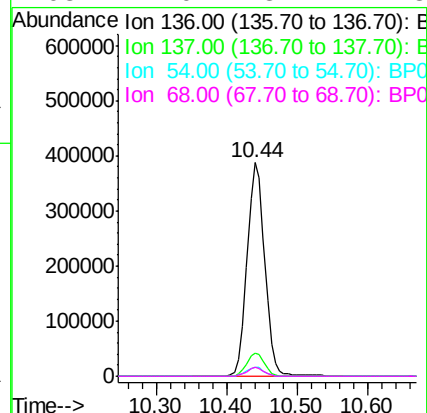
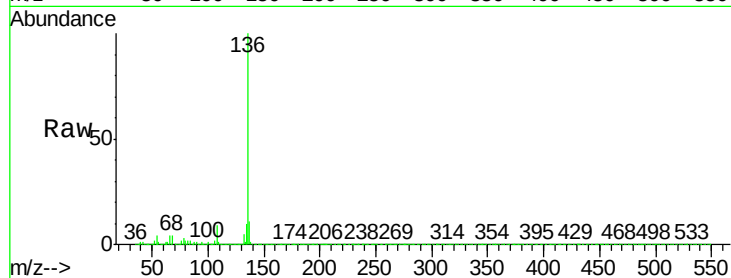




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

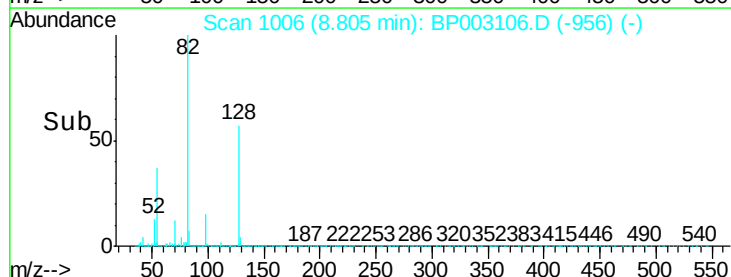
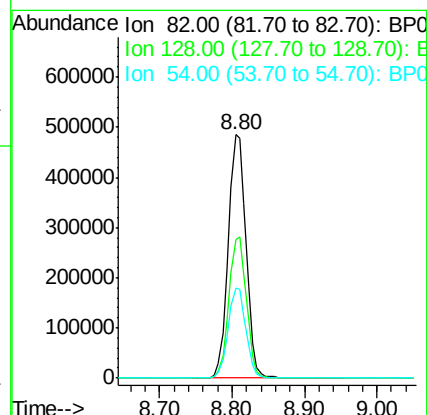
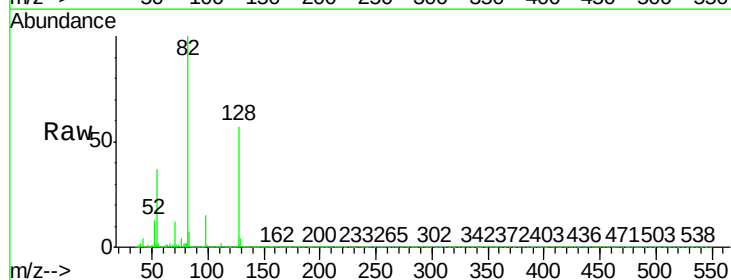
Instrument :
BNA_P
ClientSampleId :
JC-03-082120-B

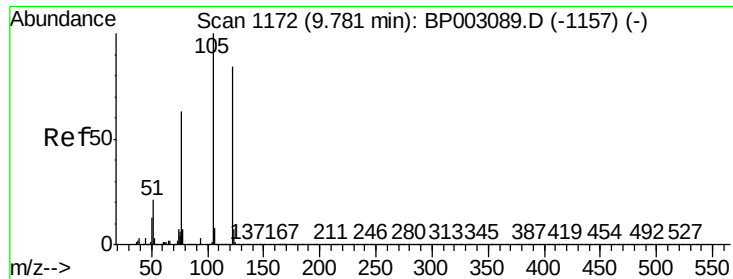
Tot Ion:136	Resp:	671561	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 4.3	3.5	5.3	
68 4.0	3.2	4.8	



#23
Nitrobenzene-d5
Concen: 88.711 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

Tgt Ion: 82	Resp: 826384
Ion Ratio	Lower Upper
82 100	
128 56.9	44.9 67.3
54 37.1	29.4 44.2

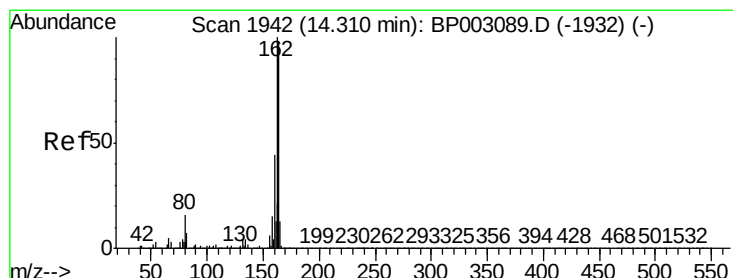
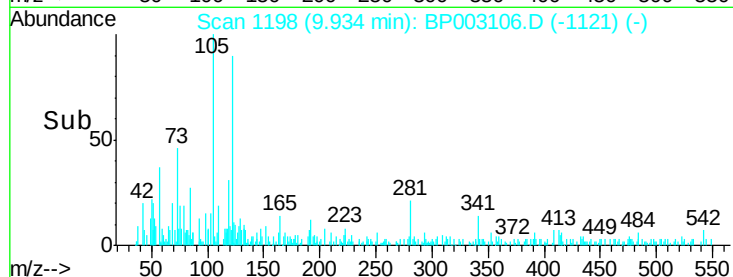
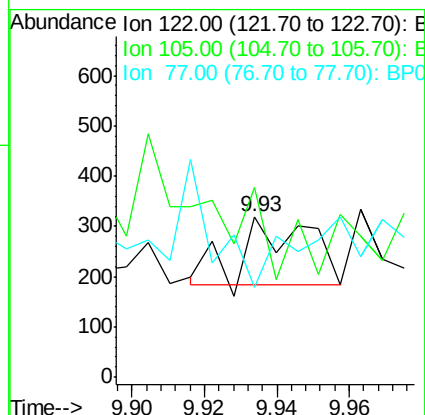
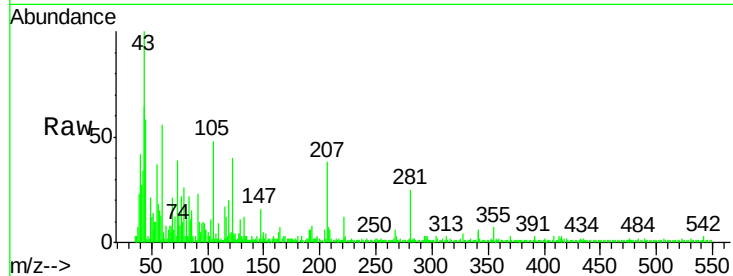




#32
Benzoic acid
Concen: 9.019 ng
RT: 9.93 min Scan# 1198
Delta R.T. 0.15 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

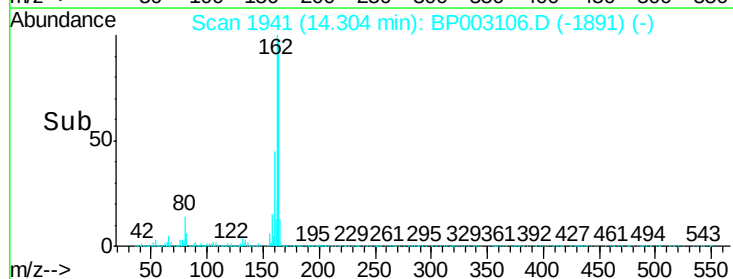
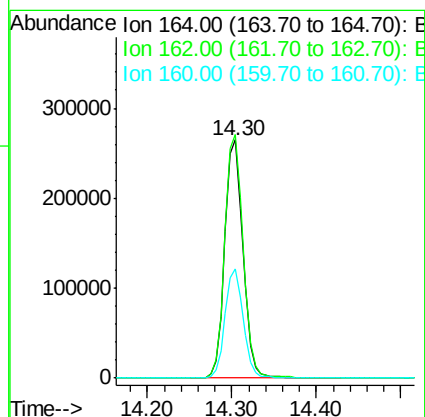
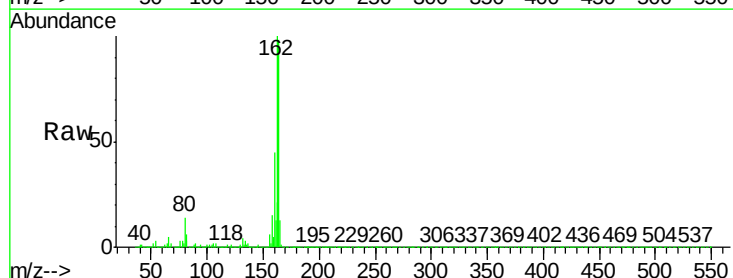
Instrument :
BNA_P
ClientSampleId :
JC-03-082120-B

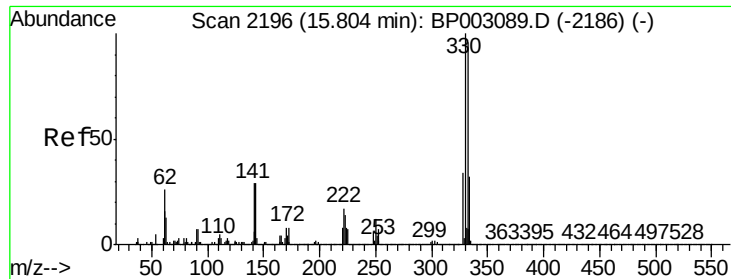
Tot Ion:122 Resp: 176
Ion Ratio Lower Upper
122 100
105 117.8 98.1 138.1
77 55.6 55.3 95.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

Tgt Ion:164 Resp: 397754
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 45.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 139.444 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003106.D

Acq: 25 Aug 2020 19:39

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-B

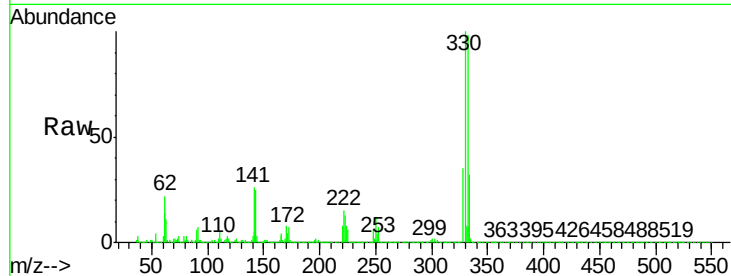
Tot Ion:330 Resp: 750143

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

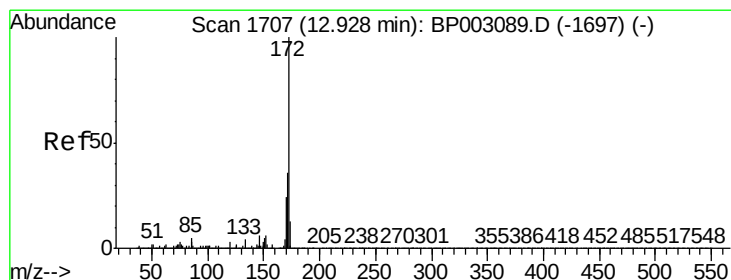
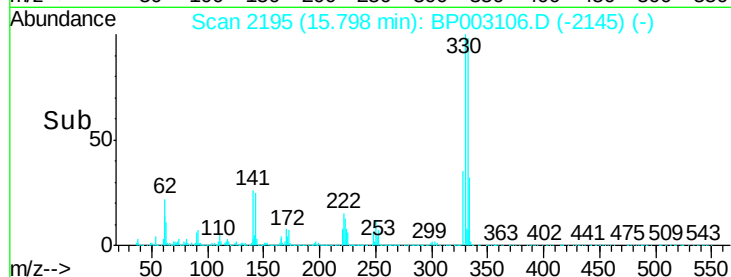
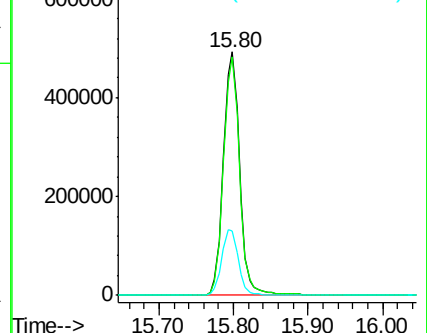
141 27.7 24.4 36.6



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: 86.230 ng

RT: 12.92 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP003106.D

Acq: 25 Aug 2020 19:39

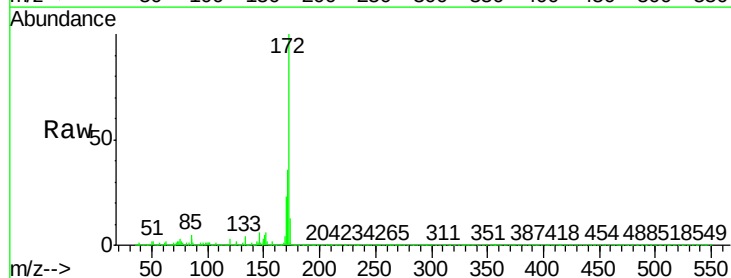
Tgt Ion:172 Resp: 2342055

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

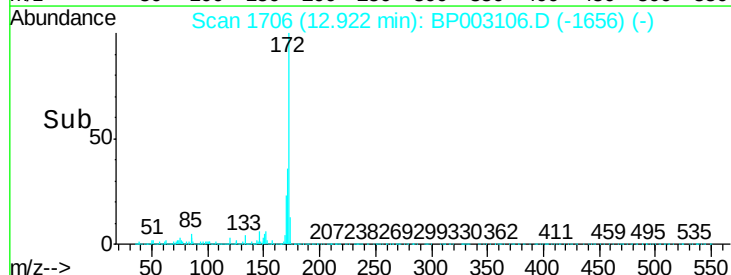
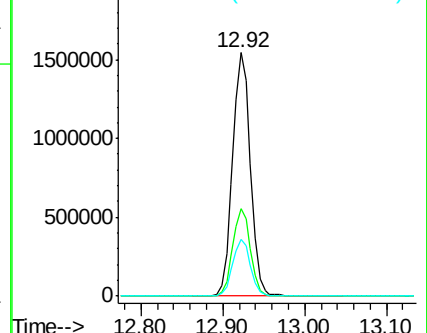
170 23.4 19.0 28.4

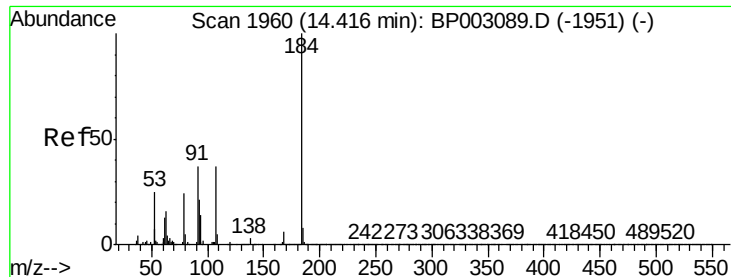


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

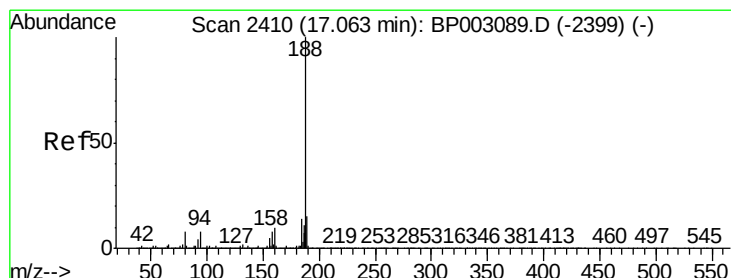
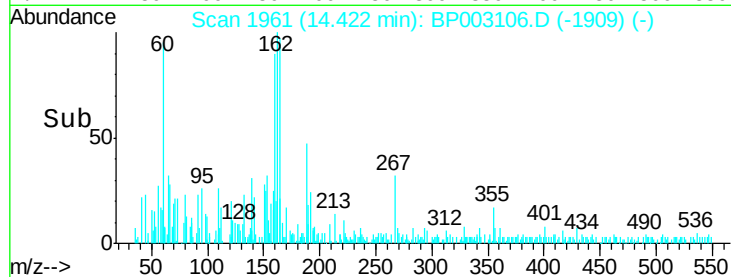
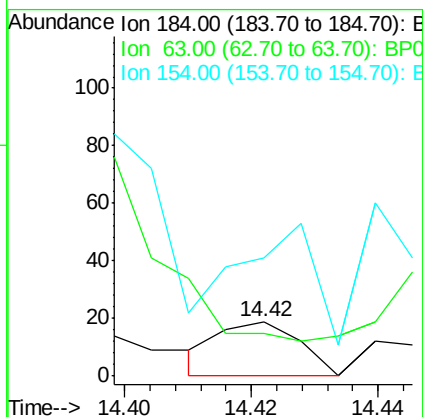
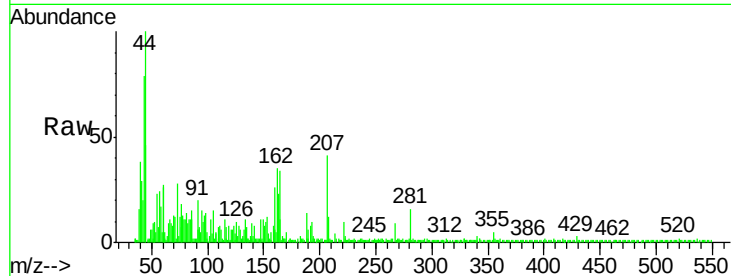




#54
2,4-Dinitrophenol
Concen: 7.759 ng
RT: 14.42 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

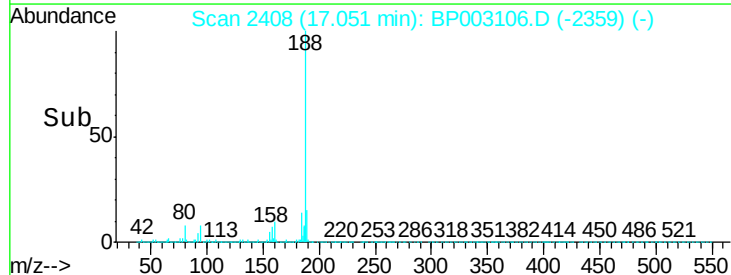
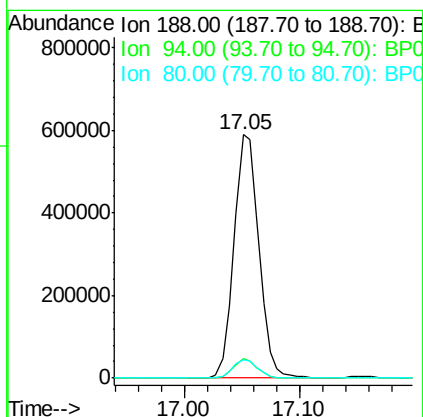
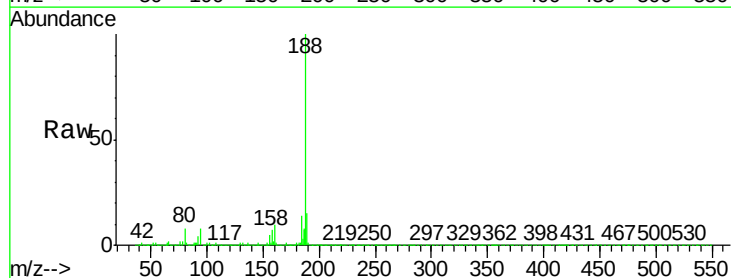
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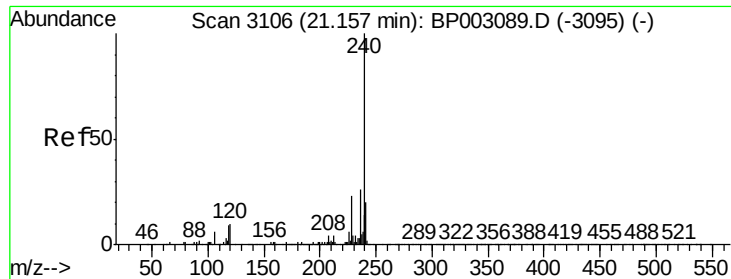
Tot Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 78.9 32.0 48.0#
154 215.8 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

Tgt Ion:188 Resp: 879527
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 7.7 6.4 9.6

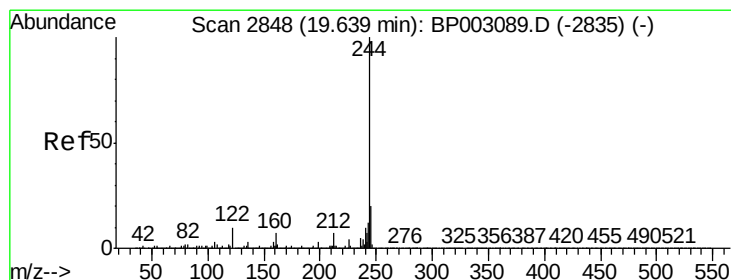
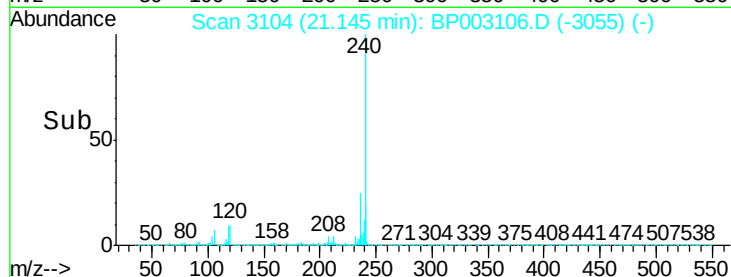
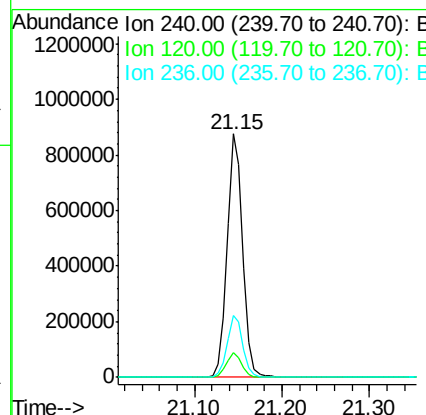
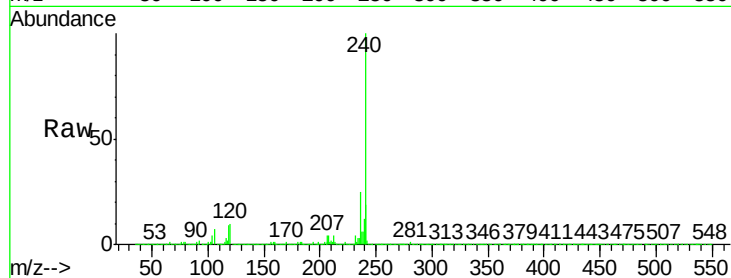




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

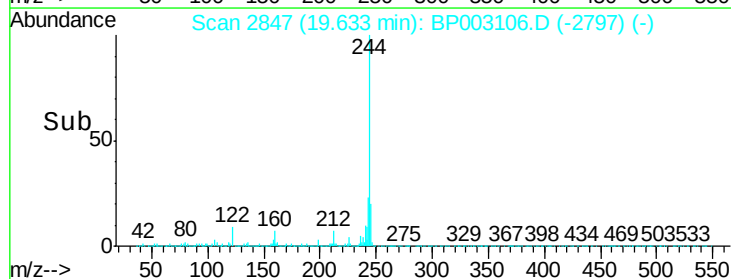
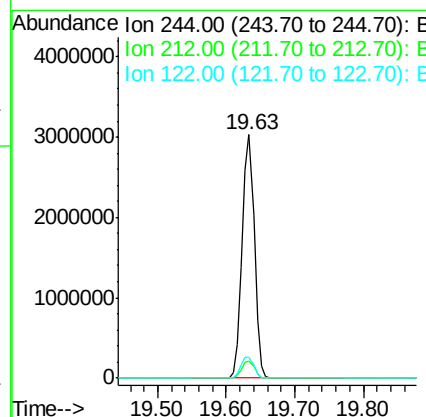
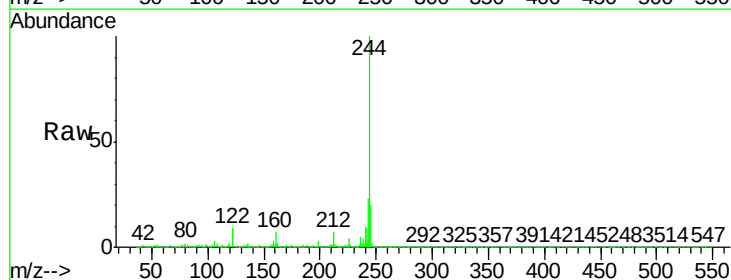
Instrument :
BNA_P
ClientSampleId :
JC-03-082120-B

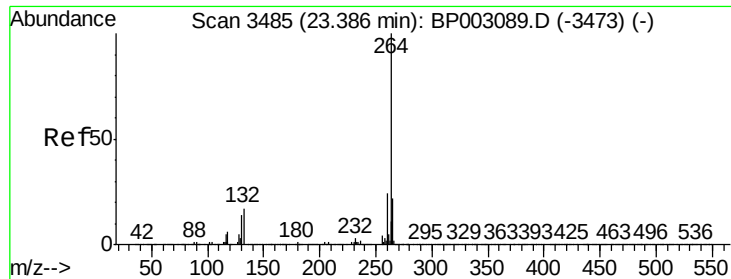
Tot Ion:240 Resp: 1077671
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.2 20.6 31.0



#79
Terphenyl-d14
Concen: 75.551 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

Tgt Ion:244 Resp: 3700142
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.6 7.7 11.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003106.D
Acq: 25 Aug 2020 19:39

Instrument :
BNA_P
ClientSampleId :
JC-03-082120-B

Tot Ion:264 Resp: 1384657

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.4	17.7	26.5

