

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003107.D
 Acq On : 25 Aug 2020 20:14
 Operator : CG/JU
 Sample : L3780-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 26 00:55:52 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

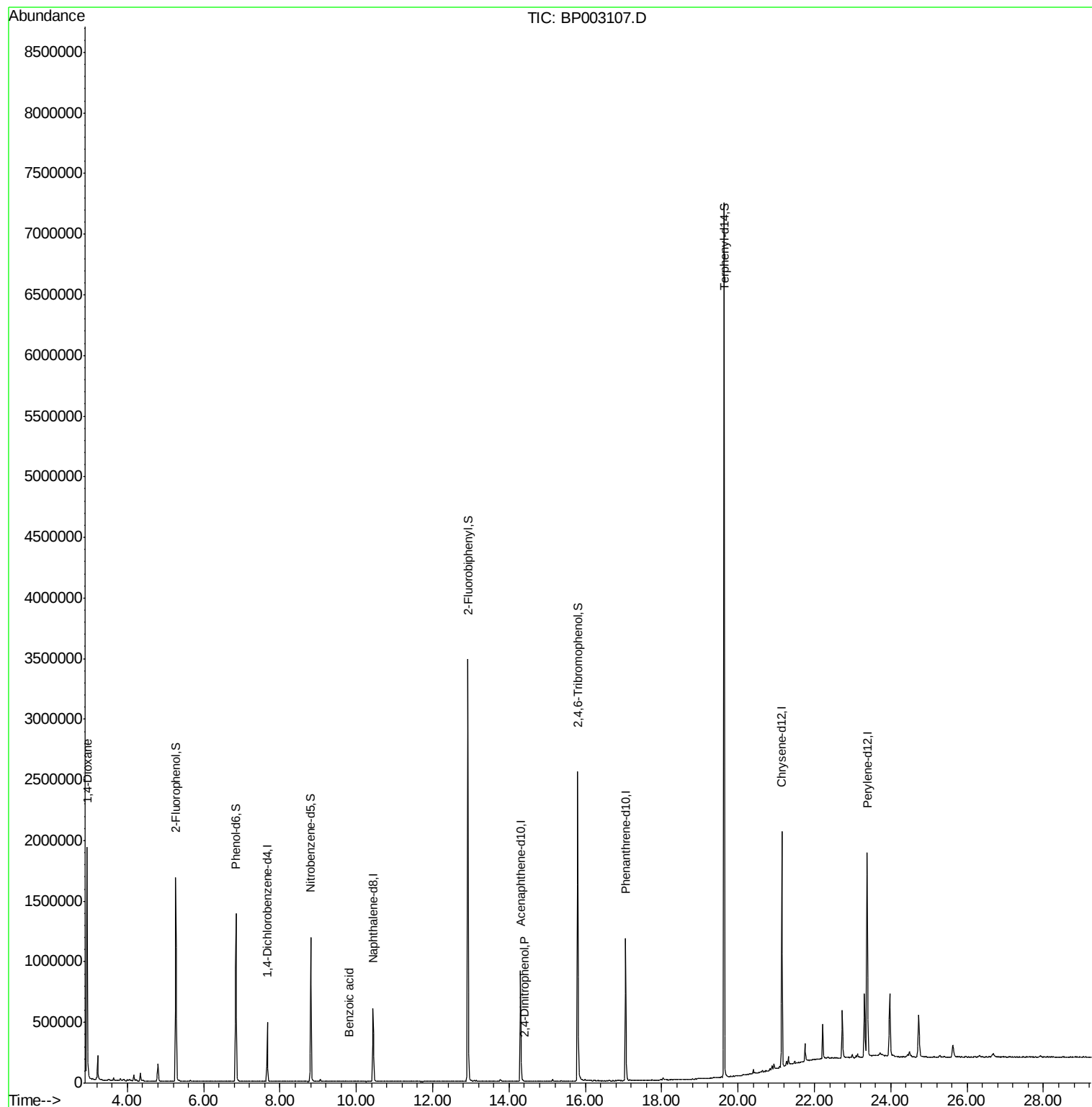
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	151141	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	579171	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	343452	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	756323	20.00	ng	0.00
76) Chrysene-d12	21.14	240	956346	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1255701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	924502	108.15	ng	0.00
7) Phenol-d6	6.85	99	951655	88.80	ng	0.00
23) Nitrobenzene-d5	8.80	82	695898	86.62	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	615003	132.40	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1994459	85.04	ng	0.00
79) Terphenyl-d14	19.63	244	3240333	74.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.94	88	18433	5.640	ng	# 1
32) Benzoic acid	9.80	122	44	9.003	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	10	7.758	ng	# 1

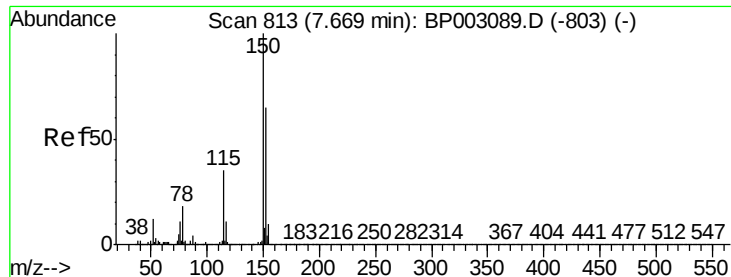
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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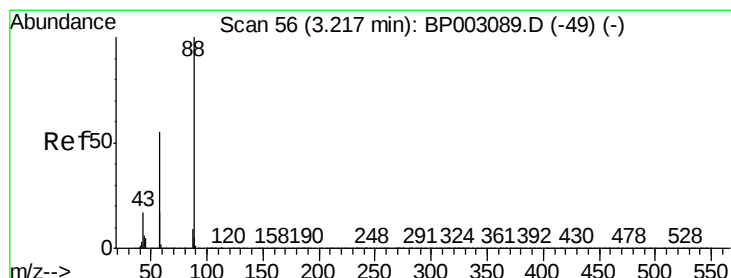
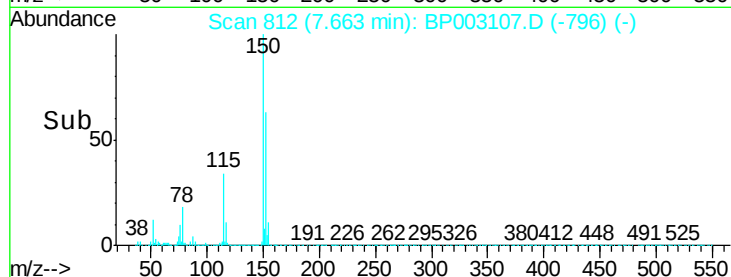
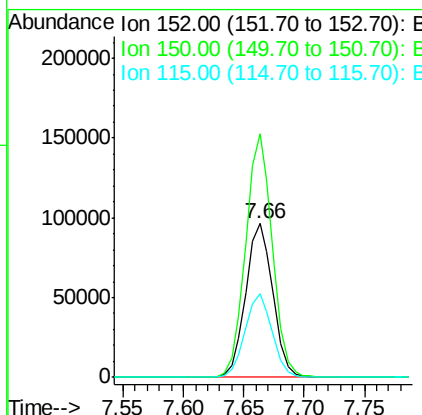
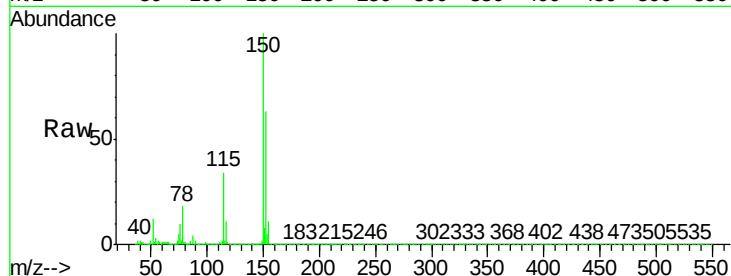


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

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

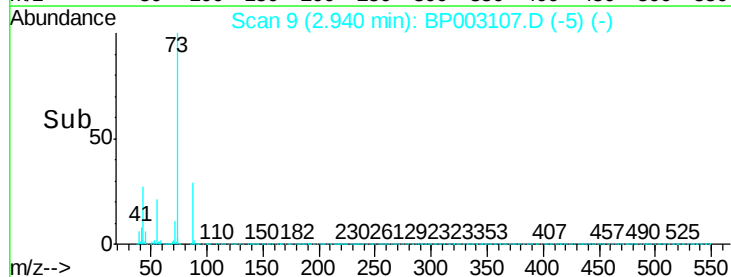
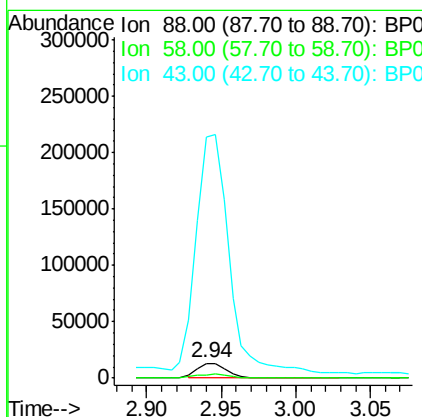
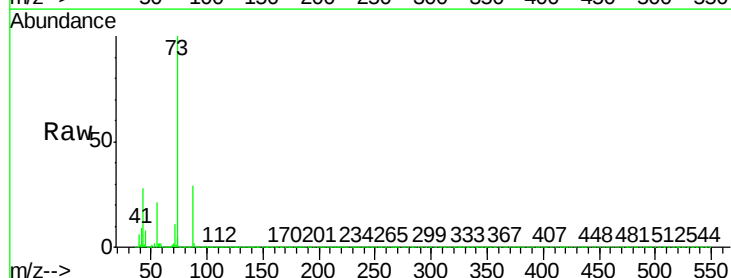
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.1	184.7
115	54.2	42.8	64.2

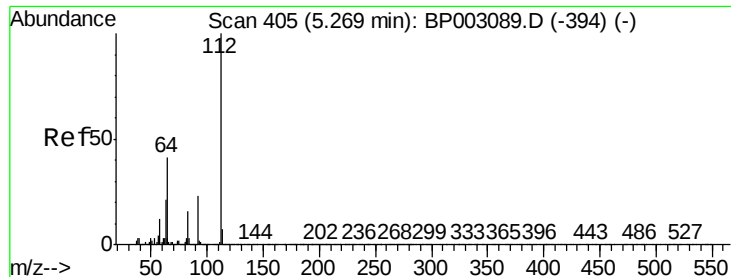


#2

1,4-Dioxane
Concen: 5.640 ng
RT: 2.94 min Scan# 9
Delta R.T. -0.28 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	20.5	44.3	66.5#
43	1644.6	14.3	21.5#





#5

2-Fluorophenol

Concen: 108.147 ng

RT: 5.27 min Scan# 405

Delta R.T. -0.00 min

Lab File: BP003107.D

Acq: 25 Aug 2020 20:14

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-C

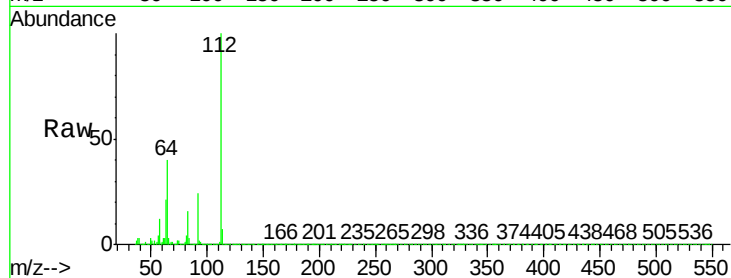
Tot Ion:112 Resp: 924502

Ion Ratio Lower Upper

112 100

64 40.2 33.0 49.6

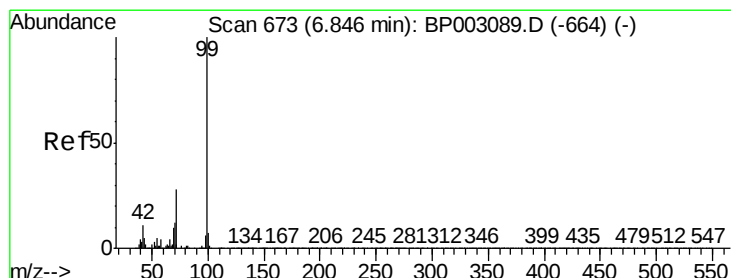
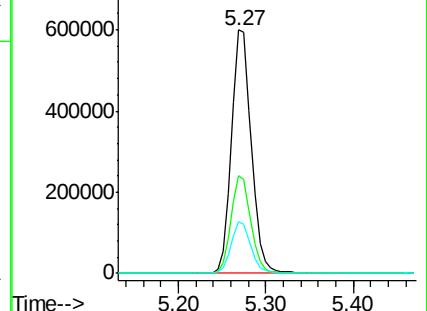
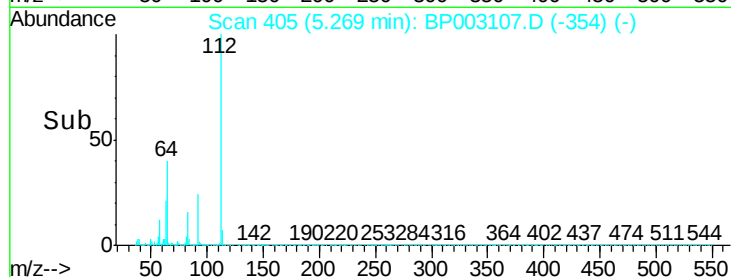
63 21.3 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 88.805 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003107.D

Acq: 25 Aug 2020 20:14

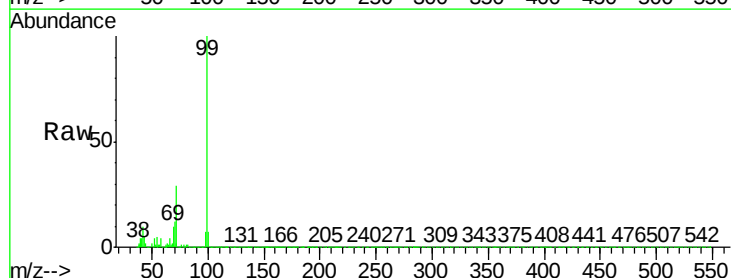
Tgt Ion: 99 Resp: 951655

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

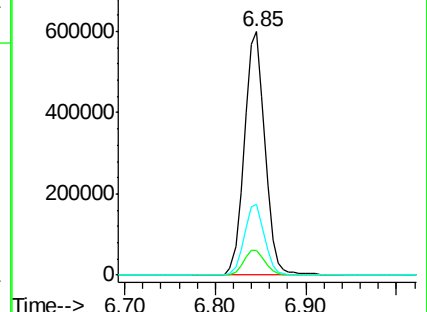
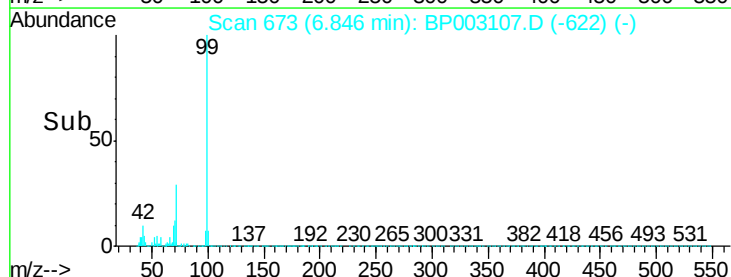
71 29.3 22.8 34.2

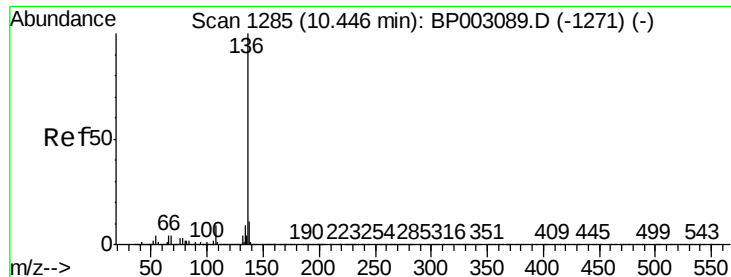


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

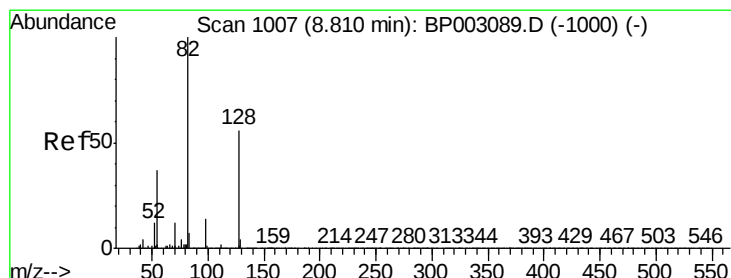
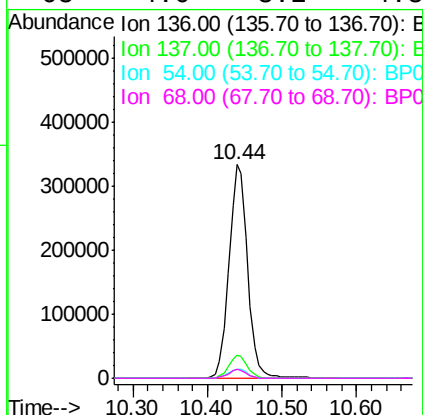
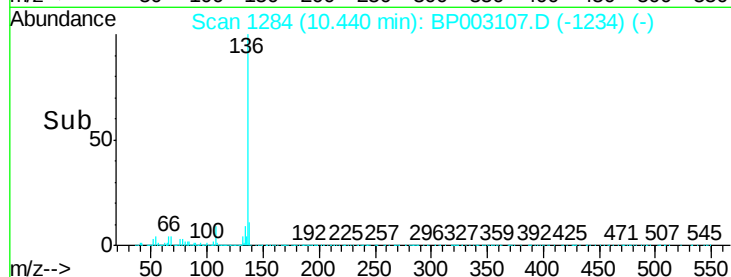
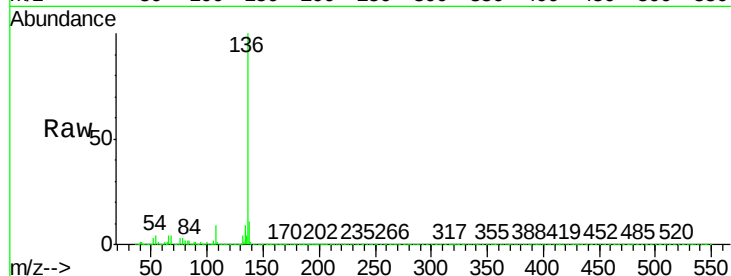




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

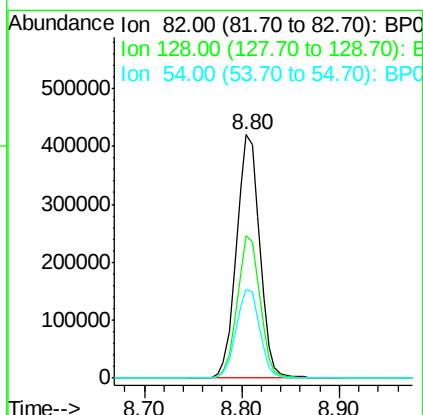
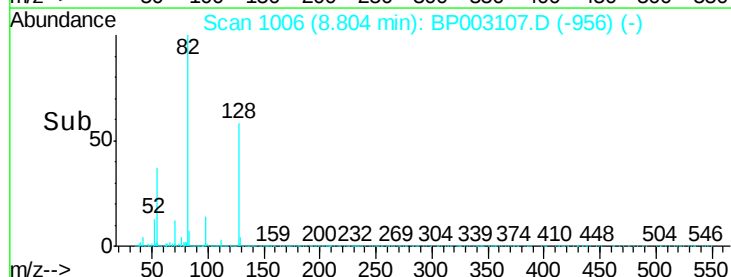
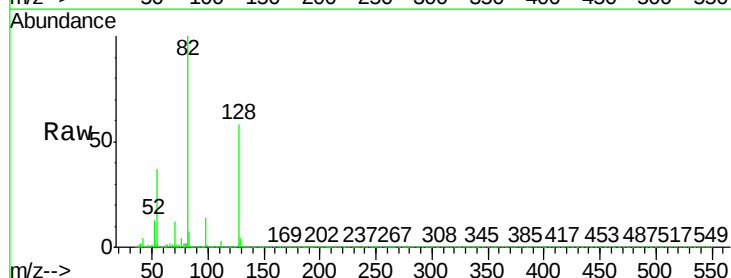
Instrument :
BNA_P
ClientSampleId :
JC-03-082120-C

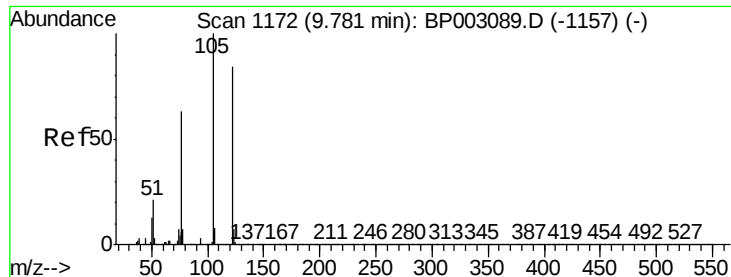
Tot Ion:136	Resp:	579171
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 4.1	3.5	5.3
68 4.0	3.2	4.8



#23
Nitrobenzene-d5
Concen: 86.620 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

Tgt	Ion: 82	Resp:	695898
Ion	Ratio	Lower	Upper
82	100		
128	58.5	44.9	67.3
54	36.6	29.4	44.2





#32

Benzoic acid

Concen: 9.003 ng

RT: 9.80 min Scan# 1175

Delta R.T. 0.02 min

Lab File: BP003107.D

Acq: 25 Aug 2020 20:14

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-C

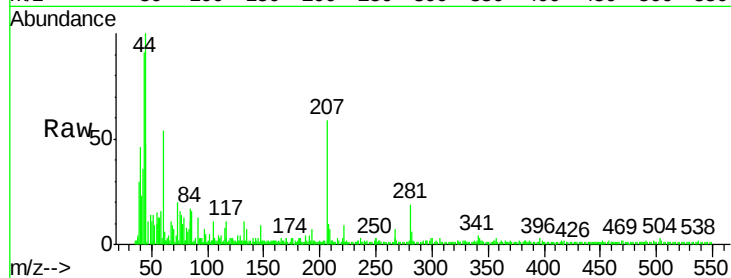
Tot Ion:122 Resp: 44

Ion Ratio Lower Upper

122 100

105 276.9 98.1 138.1#

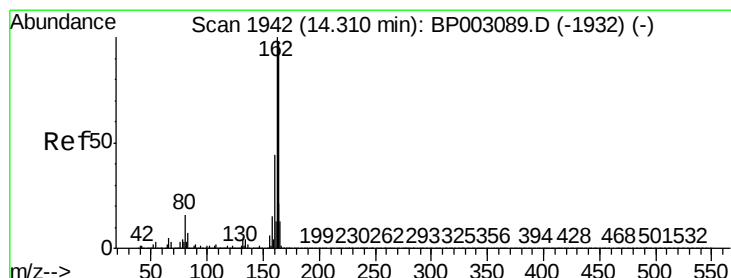
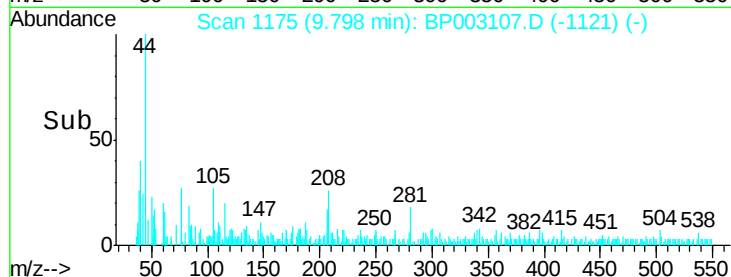
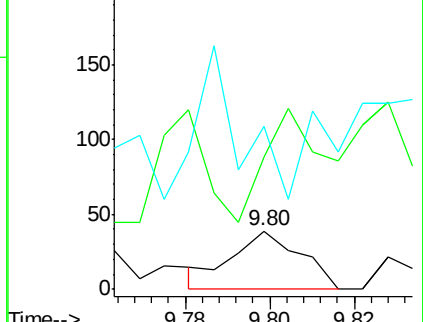
77 279.5 55.3 95.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003107.D

Acq: 25 Aug 2020 20:14

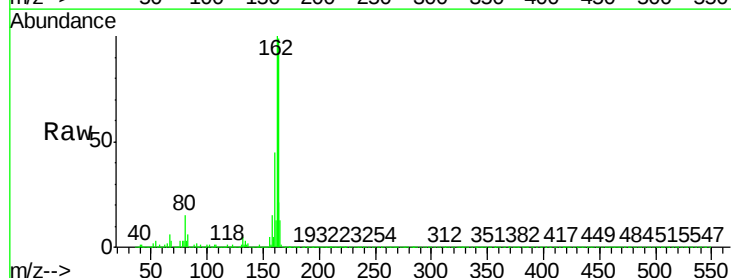
Tgt Ion:164 Resp: 343452

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

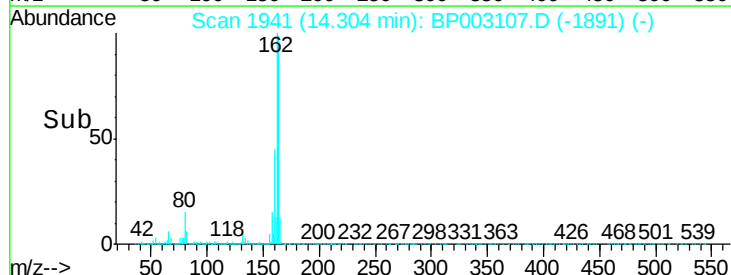
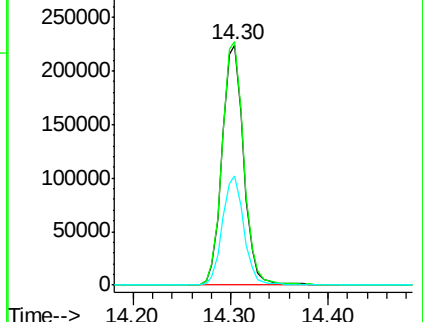
160 45.3 36.0 54.0

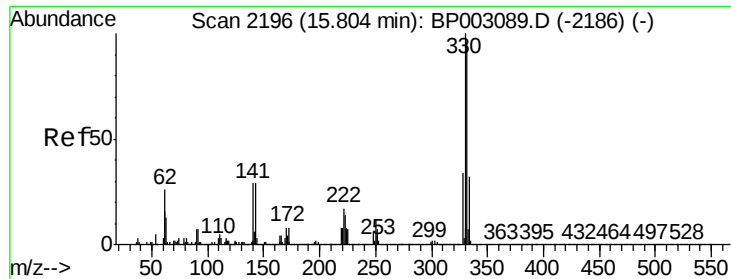


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

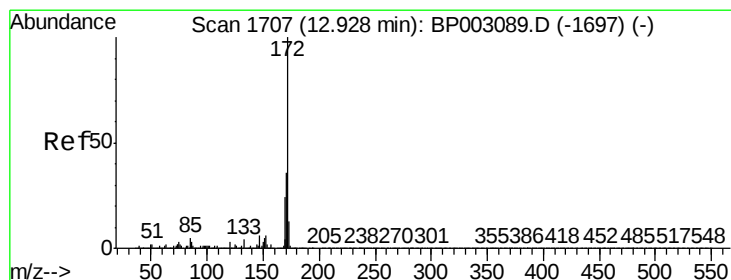
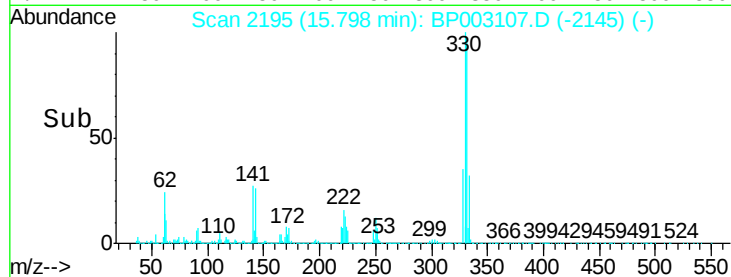
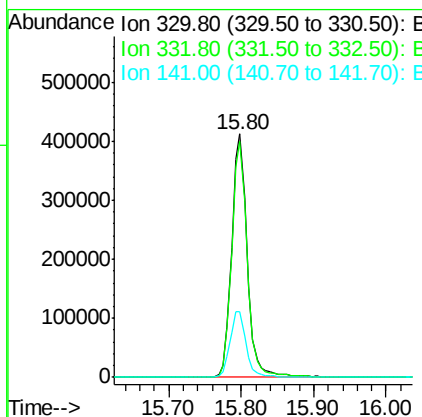
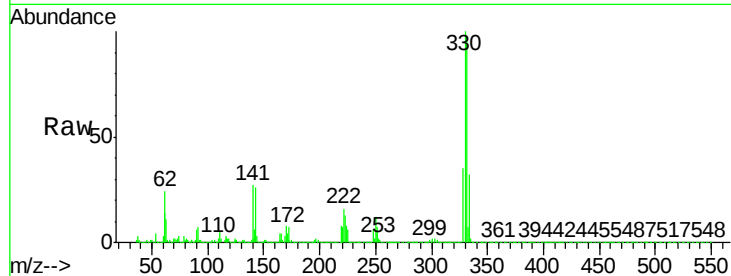




#42
 2,4,6-Tribromophenol
 Concen: 132.398 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003107.D
 Acq: 25 Aug 2020 20:14

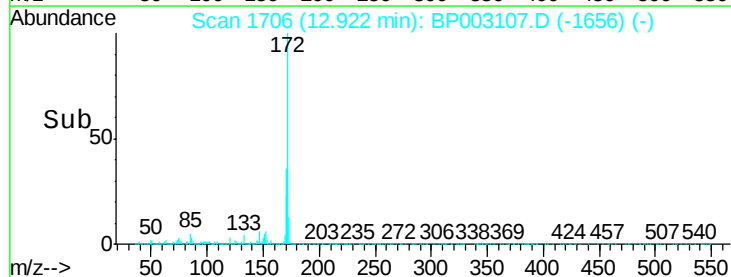
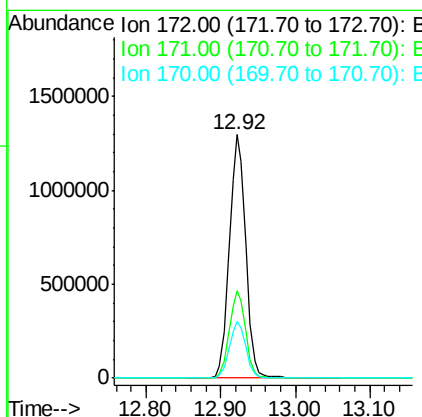
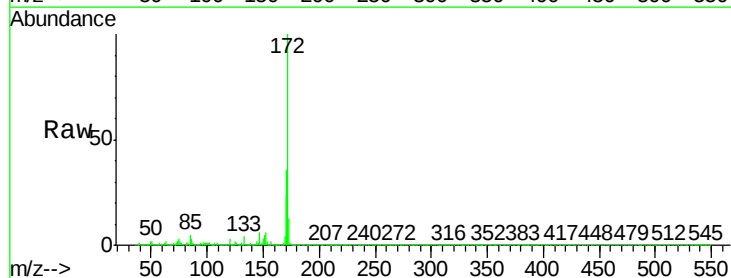
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 JC-03-082120-C

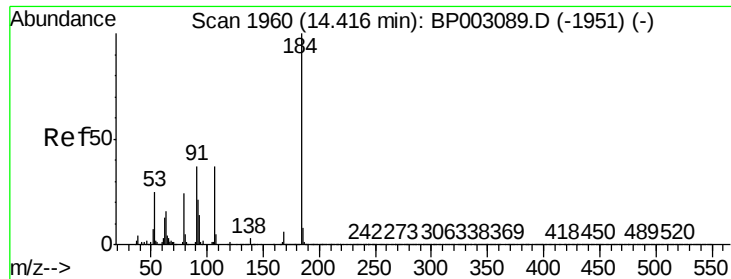
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	28.2	24.4	36.6



#45
 2-Fluorobiphenyl
 Concen: 85.042 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003107.D
 Acq: 25 Aug 2020 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.4	19.0	28.4

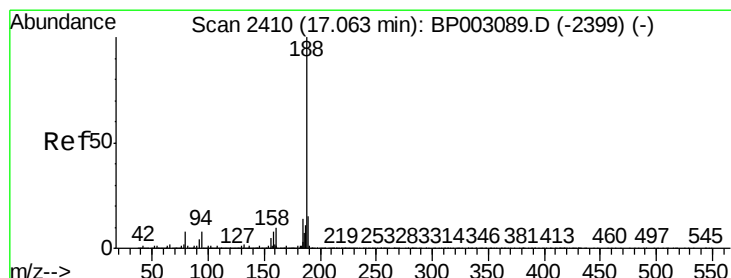
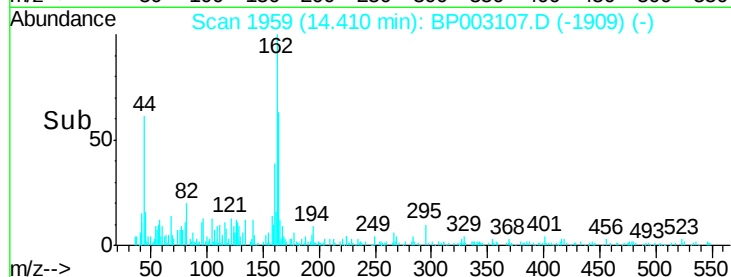
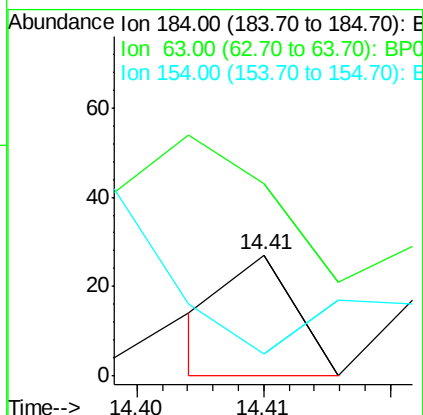
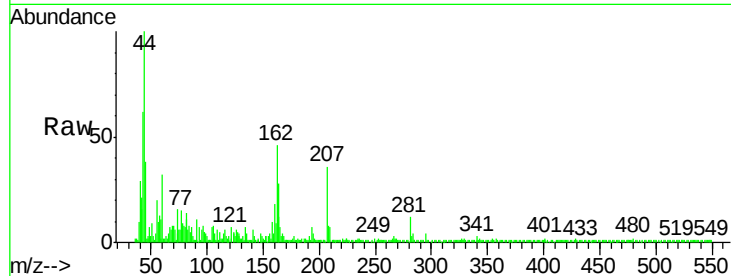




#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.41 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

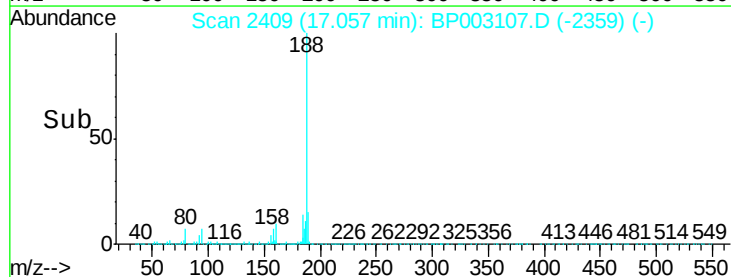
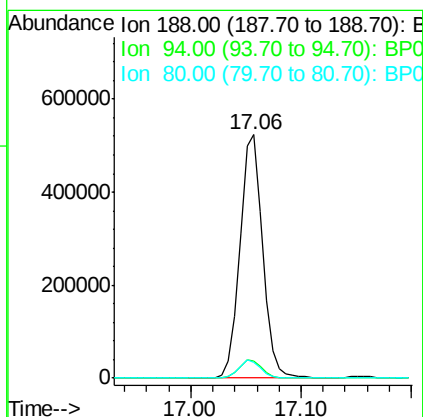
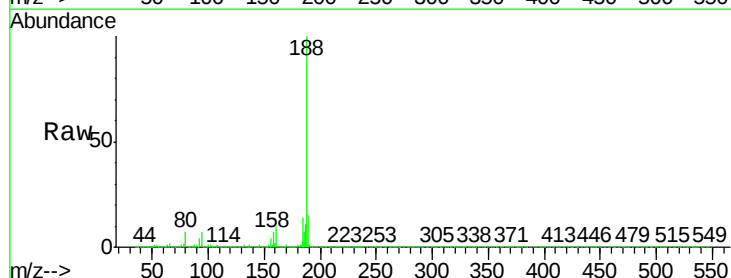
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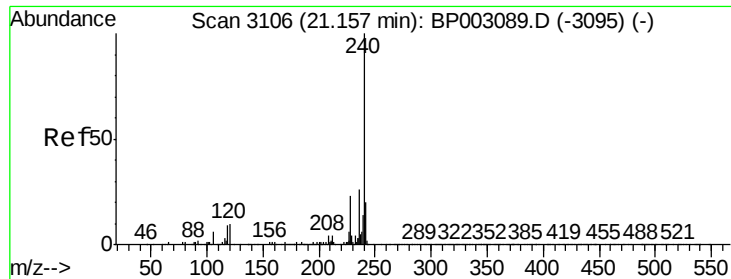
Tot Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 159.3 32.0 48.0#
154 18.5 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

Tgt Ion:188 Resp: 756323
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.4
80 6.6 6.4 9.6

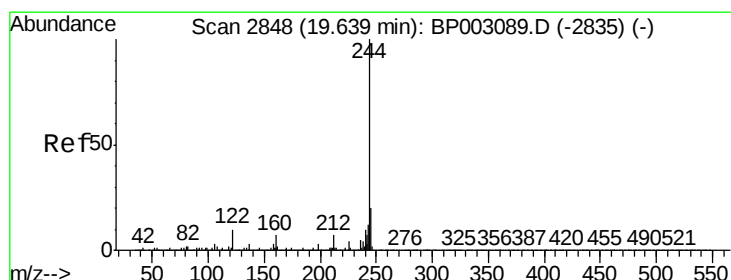
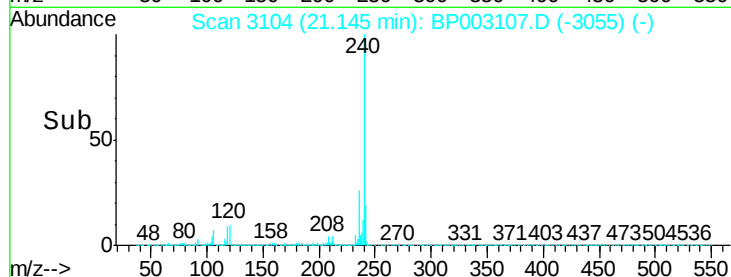
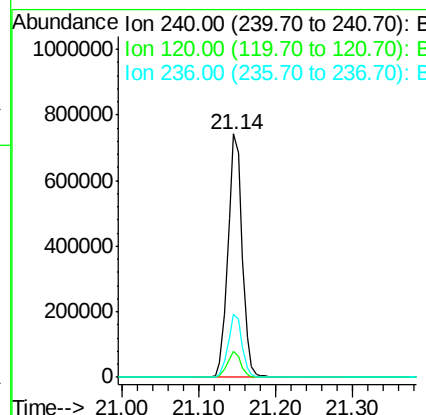
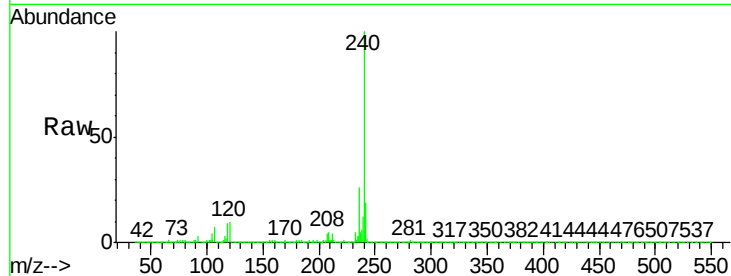




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

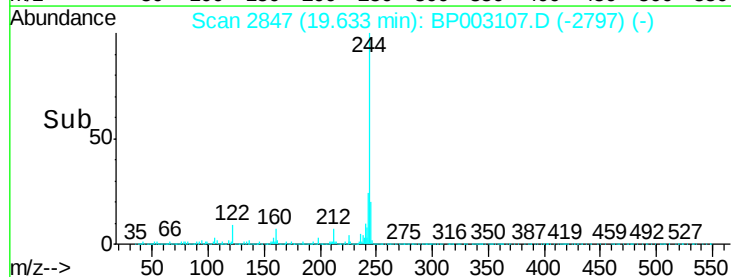
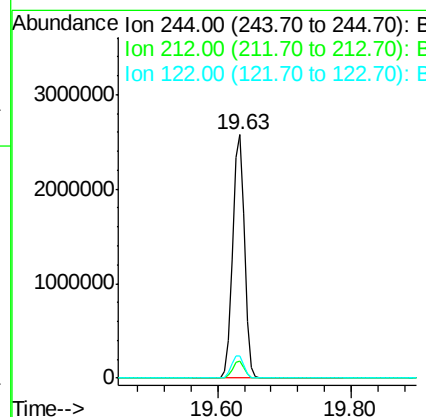
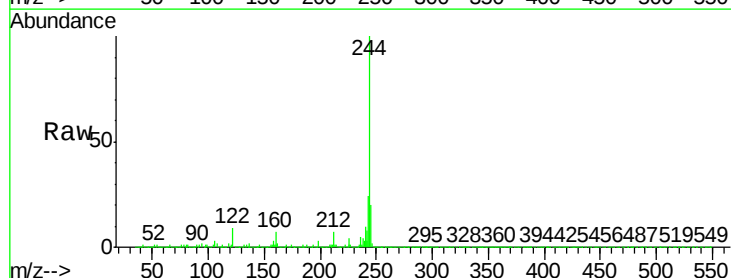
Instrument :
BNA_P
ClientSampleId :
JC-03-082120-C

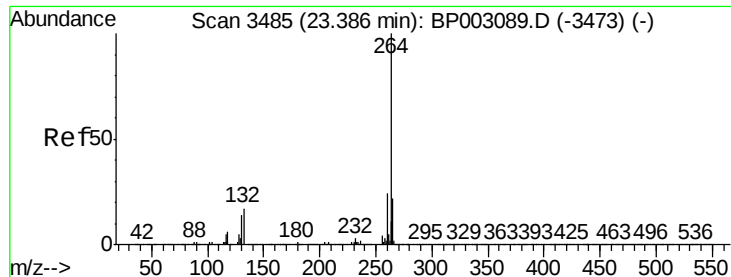
Tot Ion:240 Resp: 956346
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 74.556 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003107.D
Acq: 25 Aug 2020 20:14

Tgt Ion:244 Resp: 3240333
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.1 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: BP003107.D
Acq: 25 Aug 2020 20:14

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

Tot Ion:264 Resp: 1255701

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.5	17.7	26.5

