

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010679.D
 Acq On : 02 Jun 2022 19:39
 Operator : CG/JU
 Sample : N2984-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P021-SS002-0006-01

Quant Time: Jun 03 00:53:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

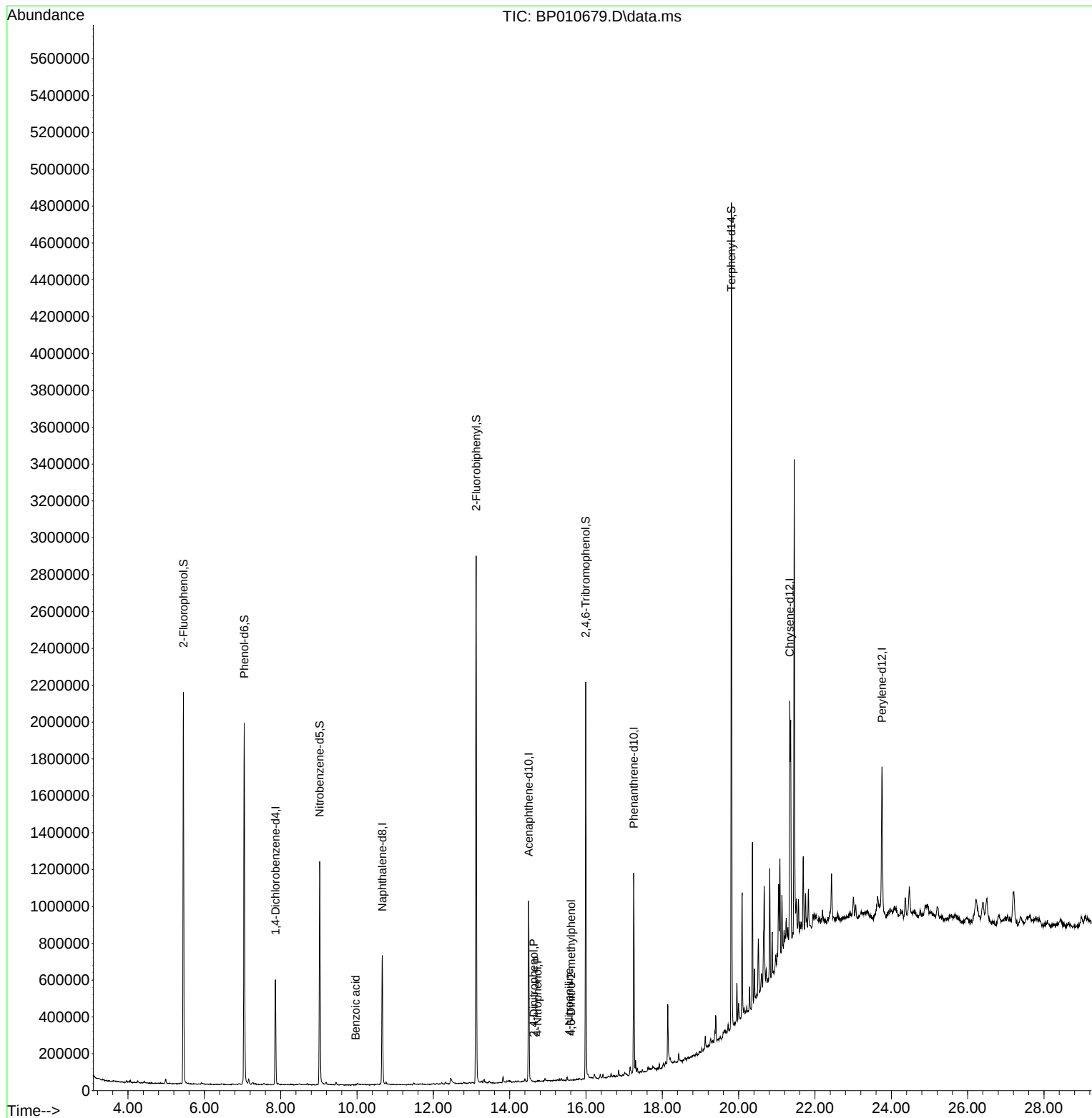
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	146438	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	566450	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	324684	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	644080	20.000	ng	0.00
76) Chrysene-d12	21.339	240	596556	20.000	ng	0.00
86) Perylene-d12	23.757	264	618099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	808420	100.712	ng	0.00
7) Phenol-d6	7.046	99	1059422	92.967	ng	0.00
23) Nitrobenzene-d5	9.022	82	710353	59.289	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	390594	106.276	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1425500	62.311	ng	0.00
79) Terphenyl-d14	19.810	244	2029975	63.915	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	832	7.461	ng	# 51
54) 2,4-Dinitrophenol	14.628	184	64	6.665	ng	# 1
56) 4-Nitrophenol	14.728	139	103	3.621	ng	# 1
62) 4-Nitroaniline	15.557	138	133	2.157	ng	87
65) 4,6-Dinitro-2-methylph...	15.610	198	66	4.617	ng	# 1

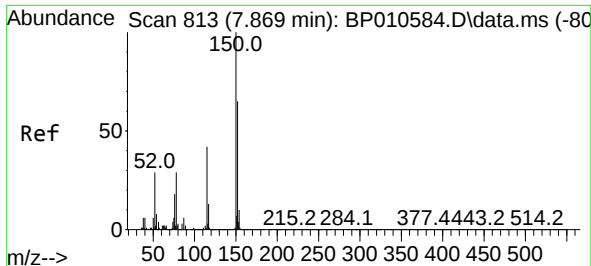
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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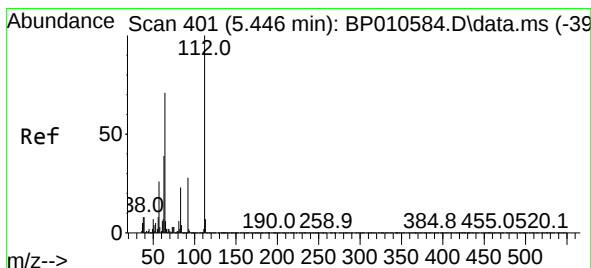
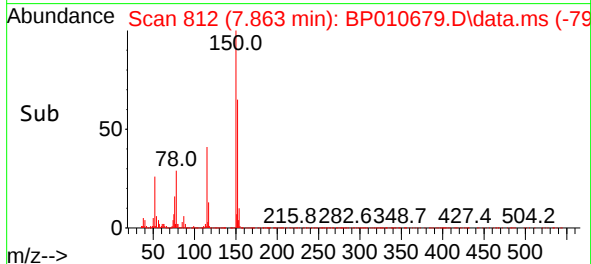
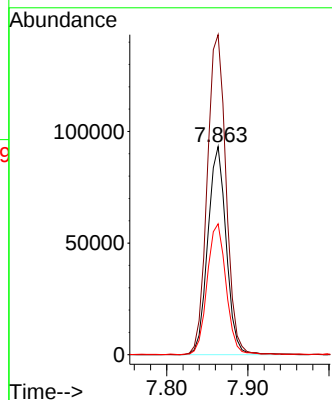
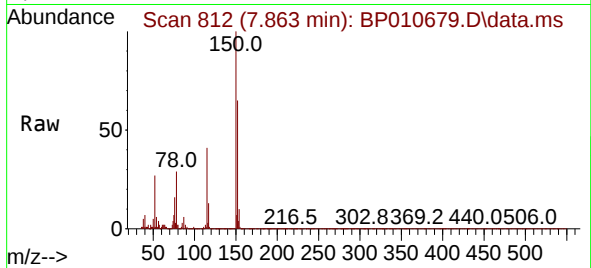




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

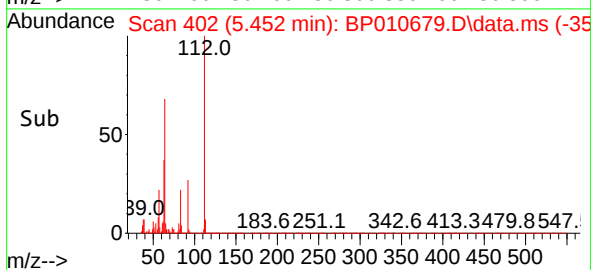
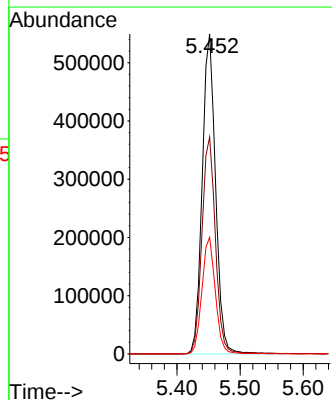
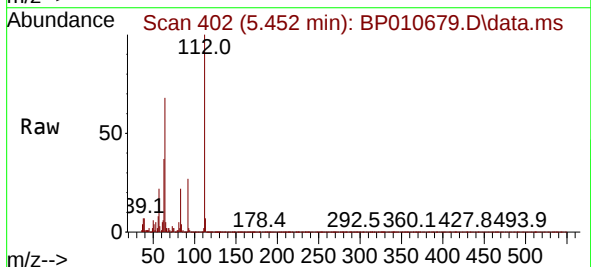
Instrument :
BNA_P
ClientSampleId :
P021-SS002-0006-01

Tgt Ion:152 Resp: 146438
Ion Ratio Lower Upper
152 100
150 153.7 123.4 185.2
115 62.9 51.3 76.9



#5
2-Fluorophenol
Concen: 100.712 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

Tgt Ion:112 Resp: 808420
Ion Ratio Lower Upper
112 100
64 67.8 56.9 85.3
63 36.5 31.2 46.8

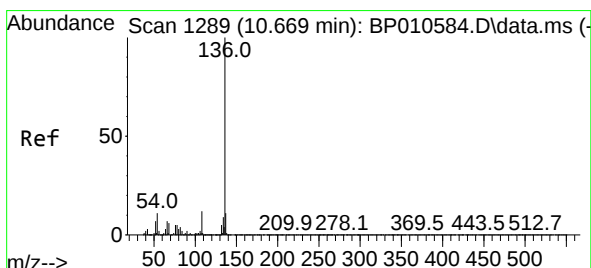
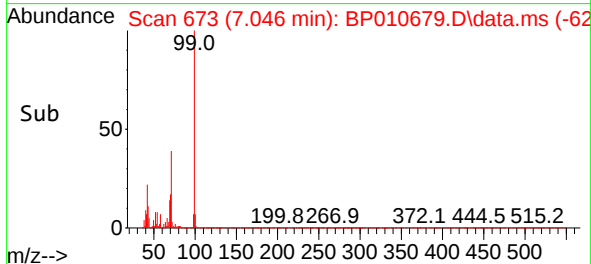
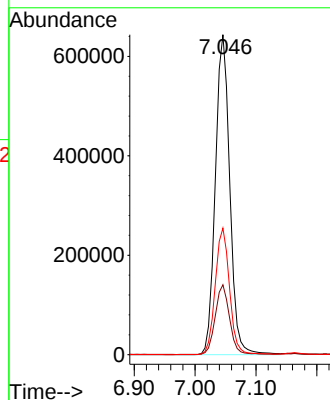
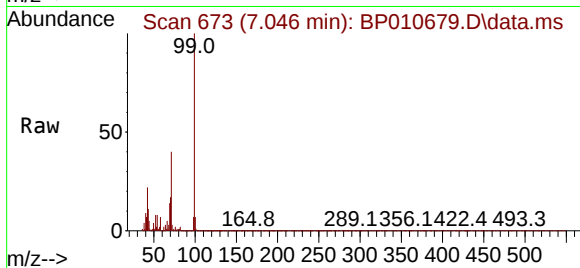




#7
Phenol-d6
Concen: 92.967 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

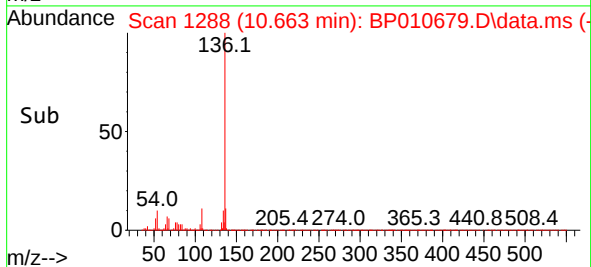
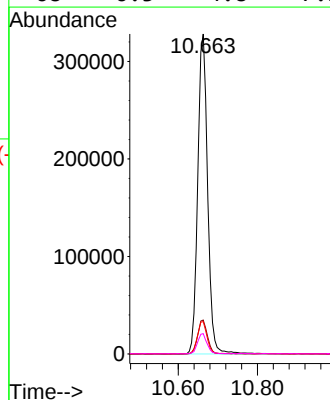
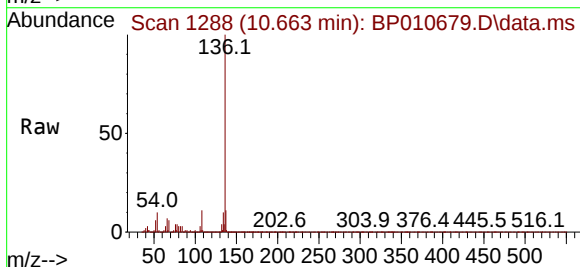
Instrument :
BNA_P
ClientSampleId :
P021-SS002-0006-01

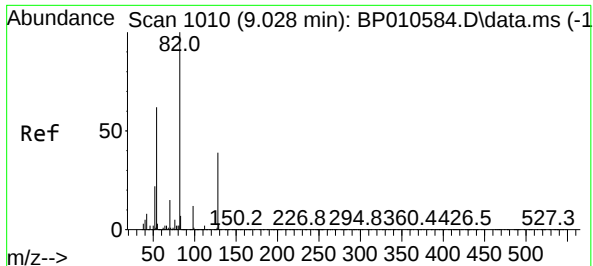
Tgt Ion: 99 Resp: 1059422
Ion Ratio Lower Upper
99 100
42 21.8 20.3 30.5
71 39.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

Tgt Ion:136 Resp: 566450
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 10.1 8.7 13.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.289 ng

RT: 9.022 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

Instrument :

BNA_P

ClientSampleId :

P021-SS002-0006-01

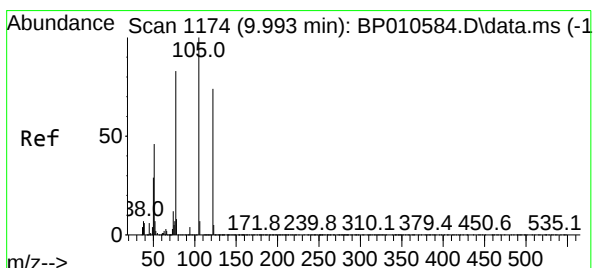
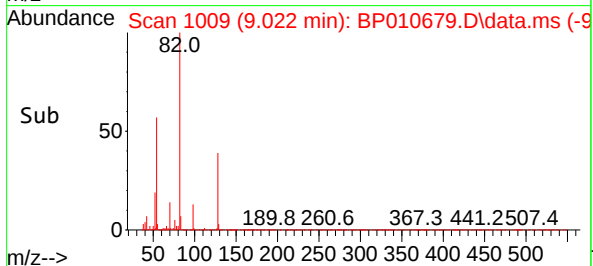
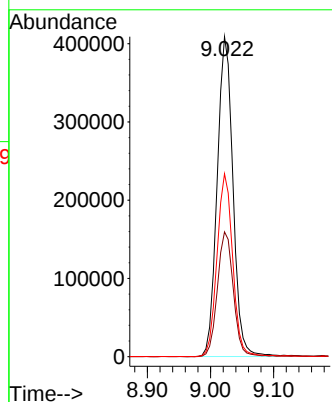
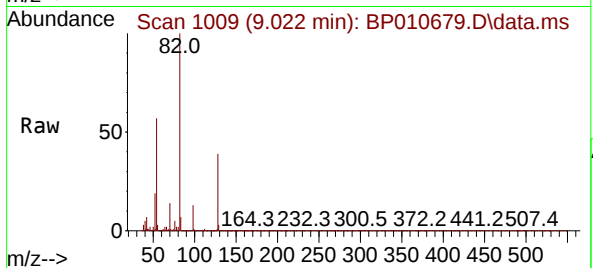
Tgt Ion: 82 Resp: 710353

Ion Ratio Lower Upper

82 100

128 39.0 31.3 46.9

54 57.1 49.8 74.8



#32

Benzoic acid

Concen: 7.461 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

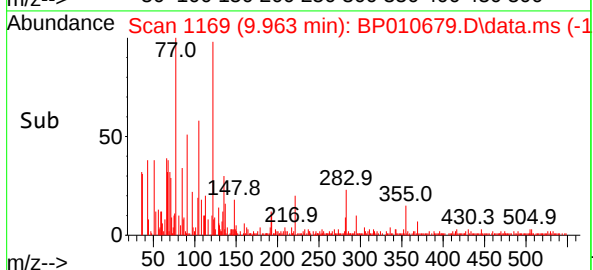
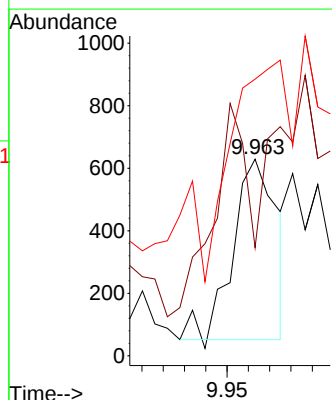
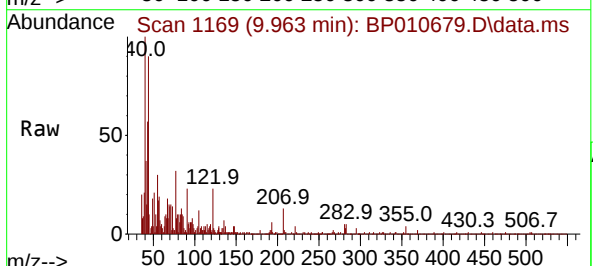
Tgt Ion: 122 Resp: 832

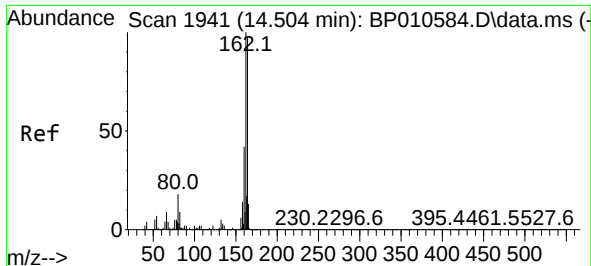
Ion Ratio Lower Upper

122 100

105 55.0 112.6 152.6#

77 140.7 90.2 130.2#

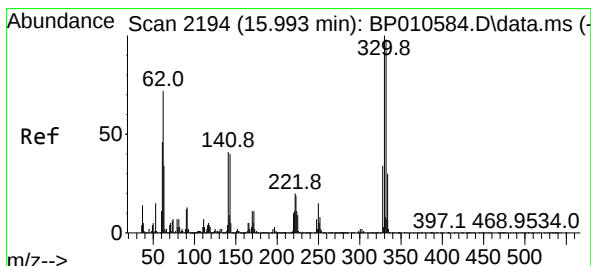
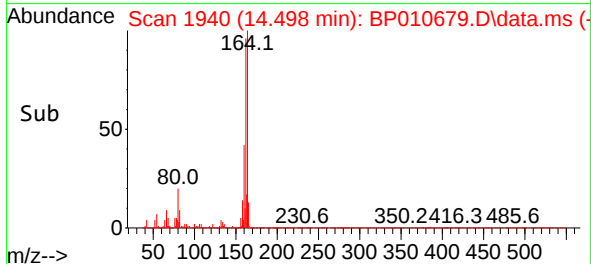
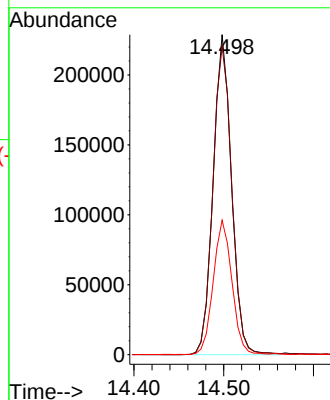
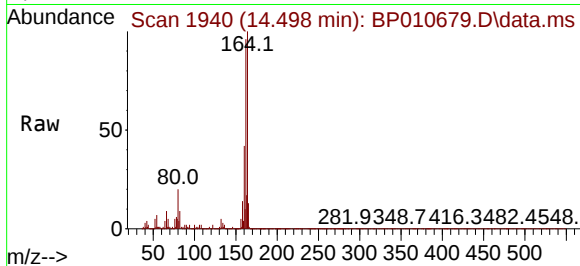




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

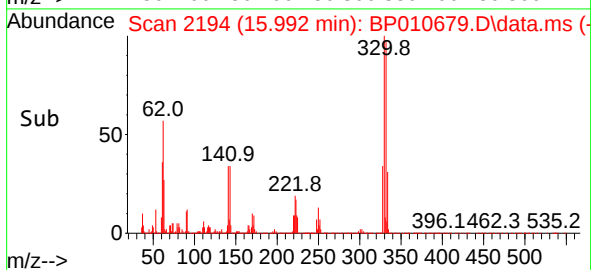
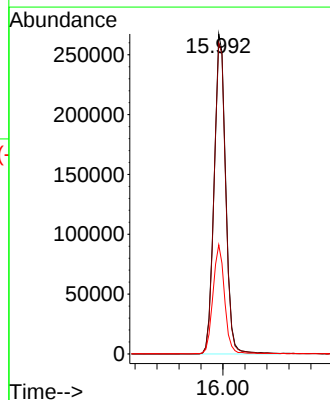
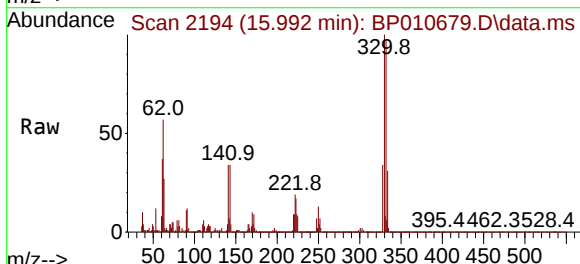
Instrument :
BNA_P
ClientSampleId :
P021-SS002-0006-01

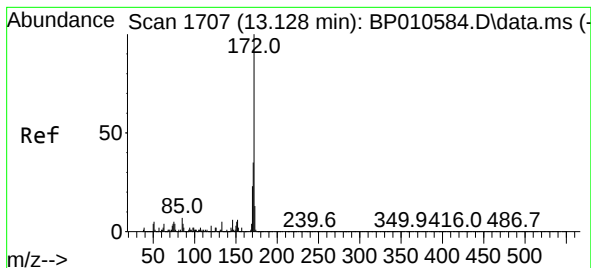
Tgt Ion:164 Resp: 324684
Ion Ratio Lower Upper
164 100
162 96.3 81.9 122.9
160 42.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 106.276 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

Tgt Ion:330 Resp: 390594
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 34.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 62.311 ng

RT: 13.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

Instrument :

BNA_P

ClientSampleId :

P021-SS002-0006-01

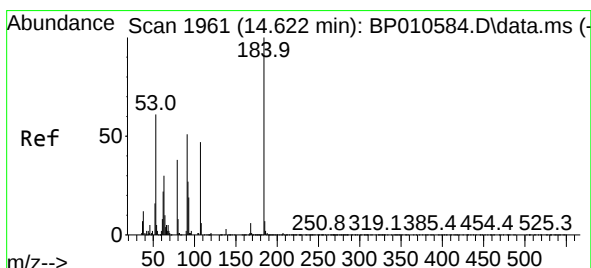
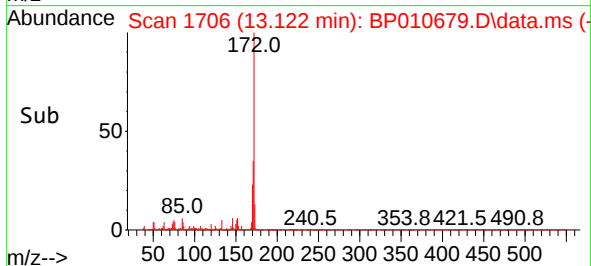
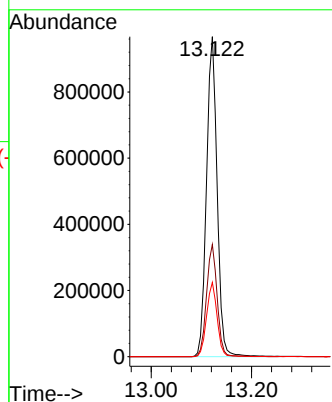
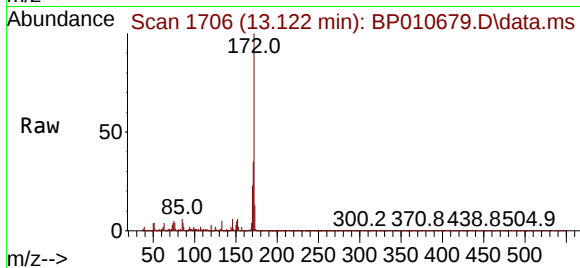
Tgt Ion:172 Resp: 1425500

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.2 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.665 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

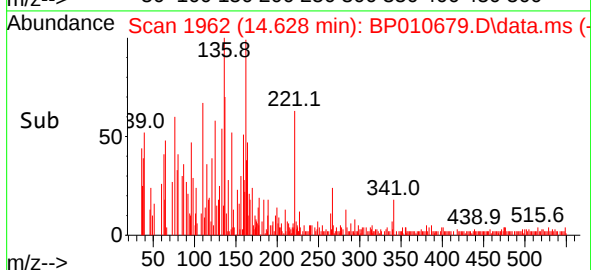
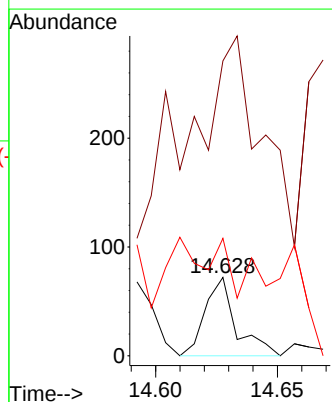
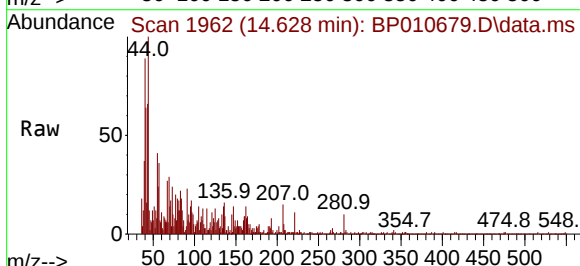
Tgt Ion:184 Resp: 64

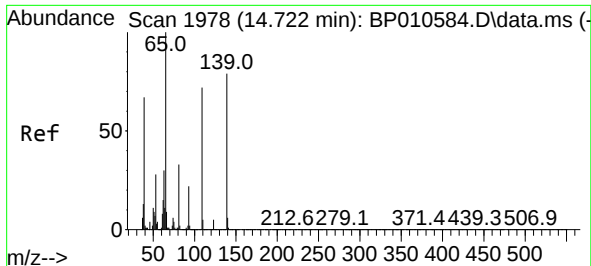
Ion Ratio Lower Upper

184 100

63 376.4 65.4 98.2#

154 150.0 55.4 83.2#

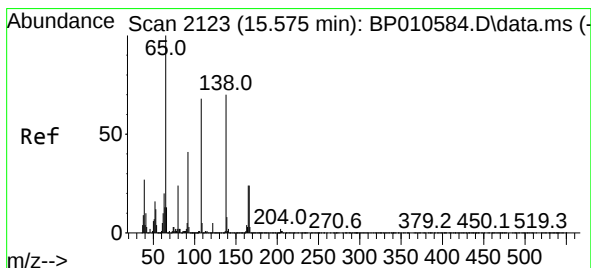
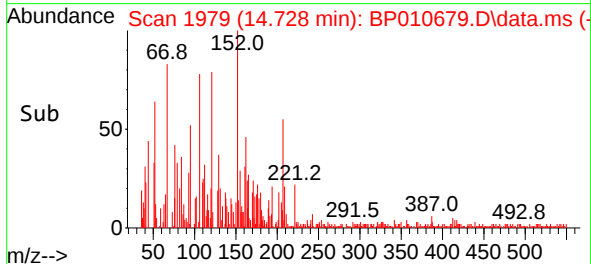
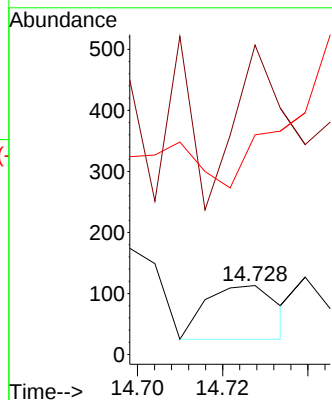
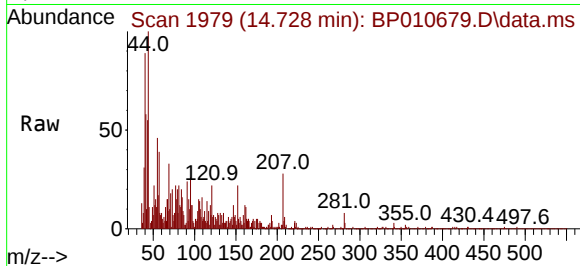




#56
4-Nitrophenol
Concen: 3.621 ng
RT: 14.728 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

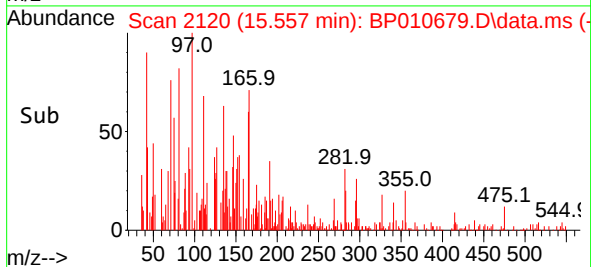
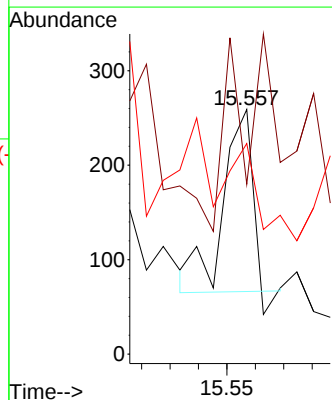
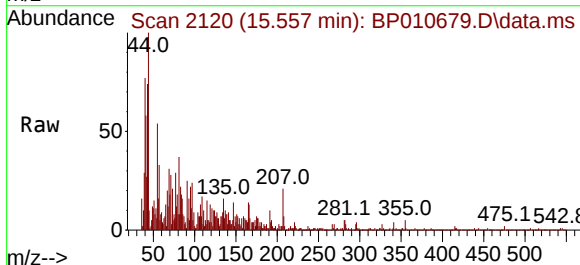
Instrument :
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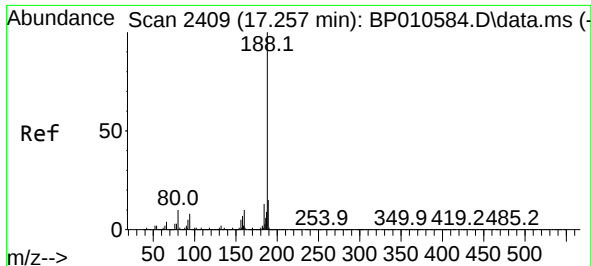
Tgt Ion:139 Resp: 103
Ion Ratio Lower Upper
139 100
109 561.9 70.6 110.6#
65 318.6 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.157 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

Tgt Ion:138 Resp: 133
Ion Ratio Lower Upper
138 100
92 69.5 38.0 78.0
108 86.1 77.6 117.6

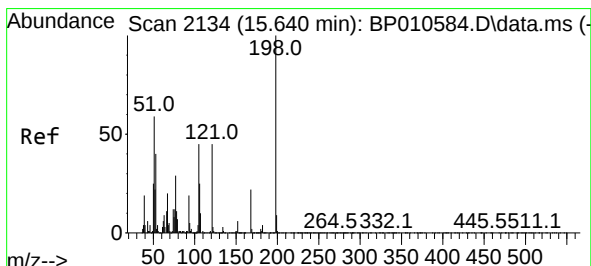
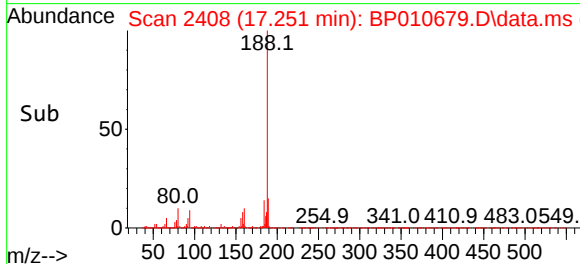
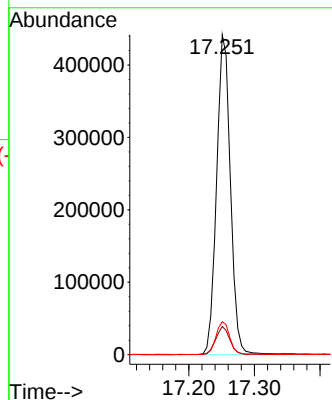
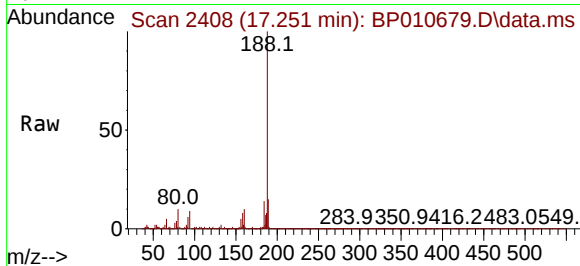




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

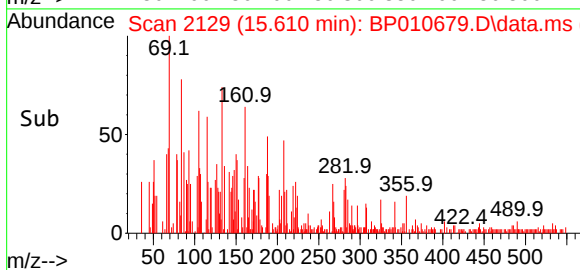
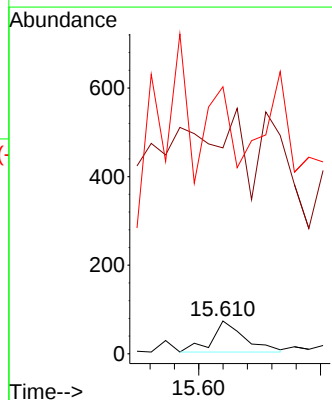
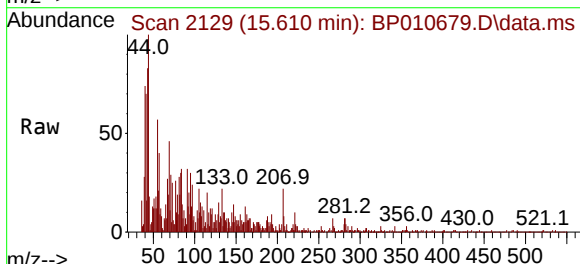
Instrument :
BNA_P
ClientSampleId :
P021-SS002-0006-01

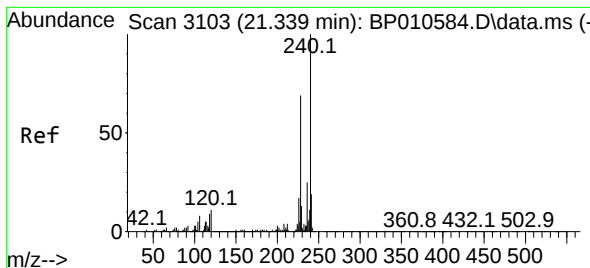
Tgt Ion:188 Resp: 644080
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 10.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.617 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.030 min
Lab File: BP010679.D
Acq: 02 Jun 2022 19:39

Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 628.4 41.2 81.2#
105 814.9 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

Instrument :

BNA_P

ClientSampleId :

P021-SS002-0006-01

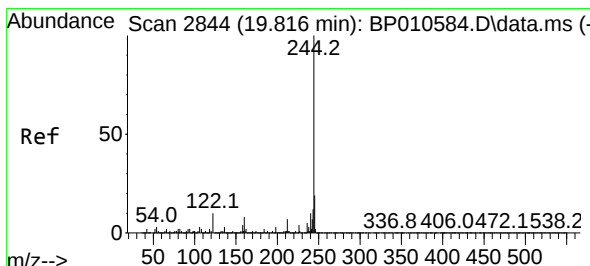
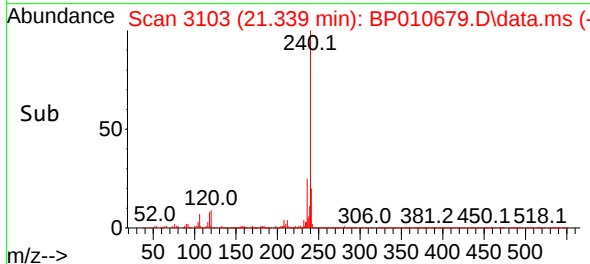
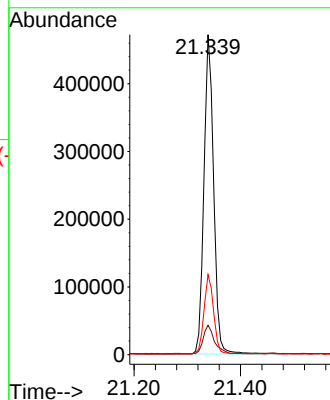
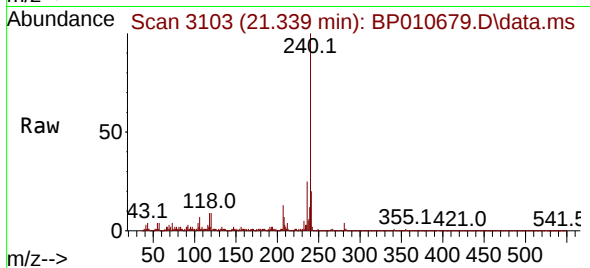
Tgt Ion:240 Resp: 596556

Ion Ratio Lower Upper

240 100

120 9.2 8.6 12.8

236 25.0 19.8 29.6



#79

Terphenyl-d14

Concen: 63.915 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010679.D

Acq: 02 Jun 2022 19:39

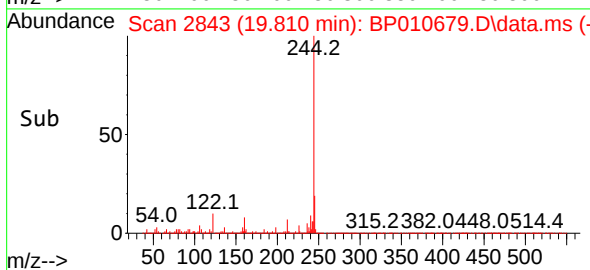
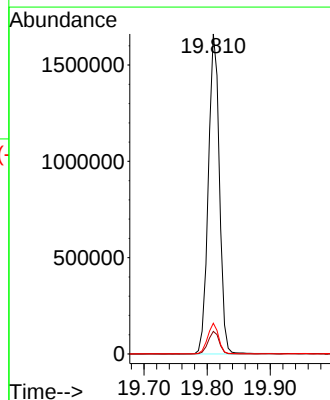
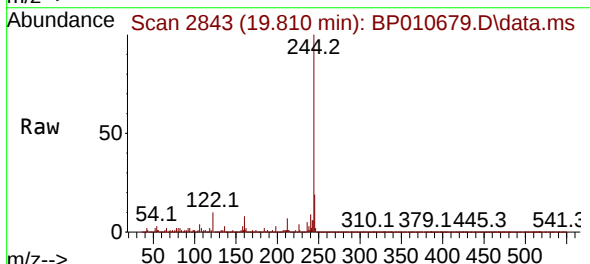
Tgt Ion:244 Resp: 2029975

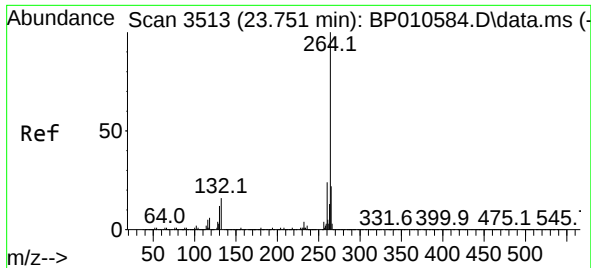
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP010679.D

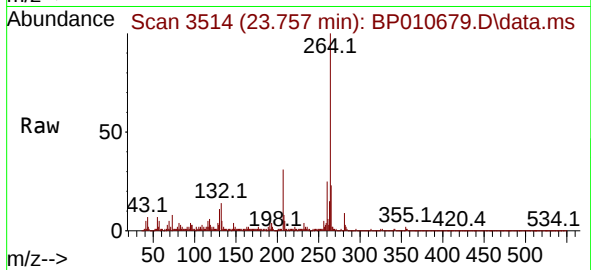
Acq: 02 Jun 2022 19:39

Instrument :

BNA_P

ClientSampleId :

P021-SS002-0006-01



Tgt Ion:264 Resp: 618099

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.9 18.0 27.0

