

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010671.D
 Acq On : 02 Jun 2022 15:06
 Operator : CG/JU
 Sample : N2953-04 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P044-SS001-0006-01

Quant Time: Jun 03 00:52:14 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)

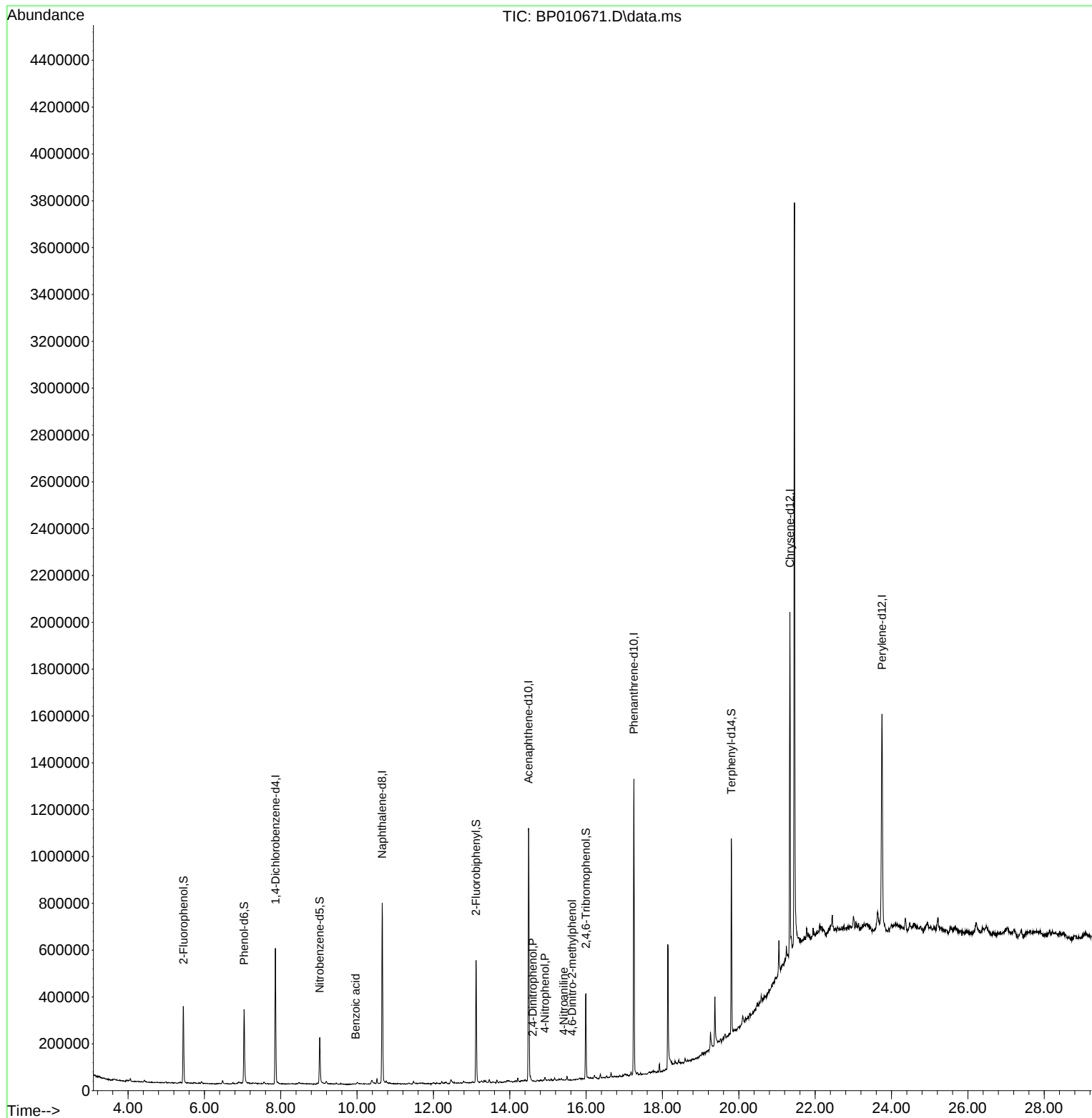
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	152996	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	621153	20.000	ng	-0.01
39) Acenaphthene-d10	14.493	164	381003	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	753208	20.000	ng	0.00
76) Chrysene-d12	21.339	240	682763	20.000	ng	0.00
86) Perylene-d12	23.751	264	684199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	133606	15.931	ng	0.00
7) Phenol-d6	7.040	99	180442	15.156	ng	0.00
23) Nitrobenzene-d5	9.022	82	119852	9.122	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	66632	15.450	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	261228	9.731	ng	-0.01
79) Terphenyl-d14	19.804	244	379793	10.448	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	355	7.377	ng	# 65
54) 2,4-Dinitrophenol	14.604	184	7	6.647	ng	# 1
56) 4-Nitrophenol	14.922	139	216	3.640	ng	92
62) 4-Nitroaniline	15.410	138	189	2.163	ng	90
65) 4,6-Dinitro-2-methylph...	15.634	198	6	4.604	ng	# 1

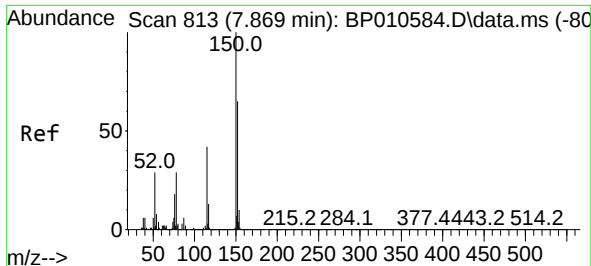
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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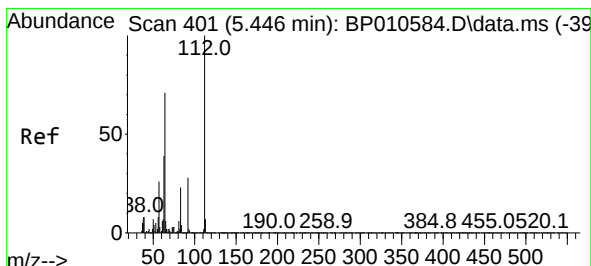
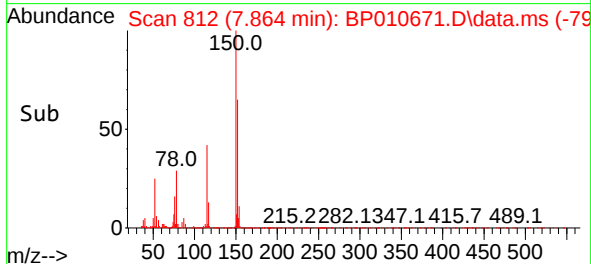
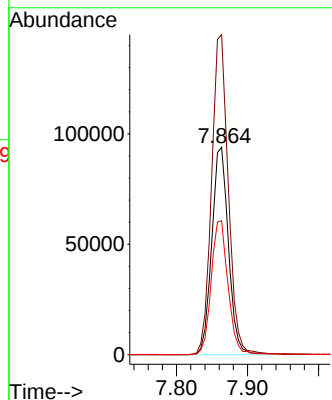
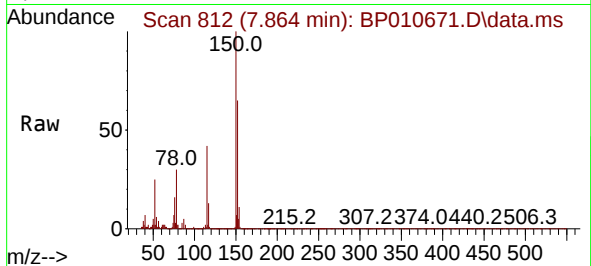




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

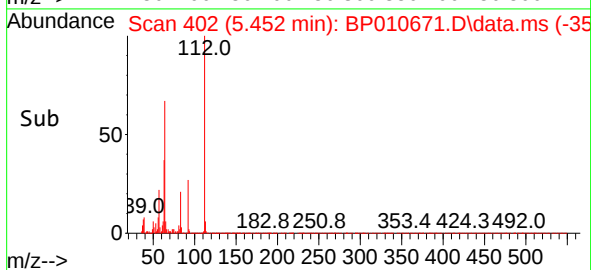
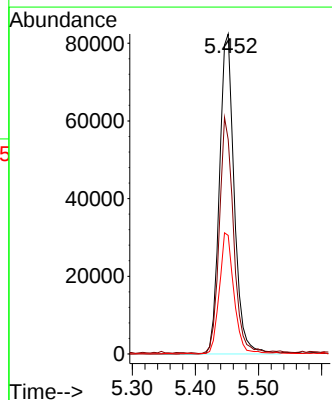
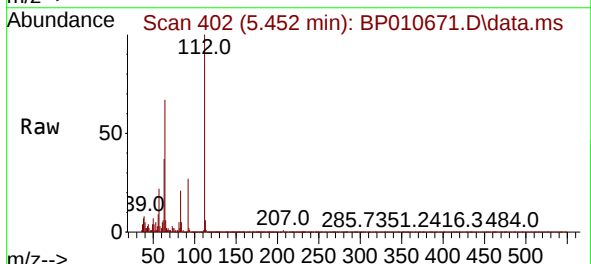
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

Tgt Ion:152 Resp: 152996
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 64.6 51.3 76.9



#5
2-Fluorophenol
Concen: 15.931 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion:112 Resp: 133606
Ion Ratio Lower Upper
112 100
64 67.0 56.9 85.3
63 37.0 31.2 46.8

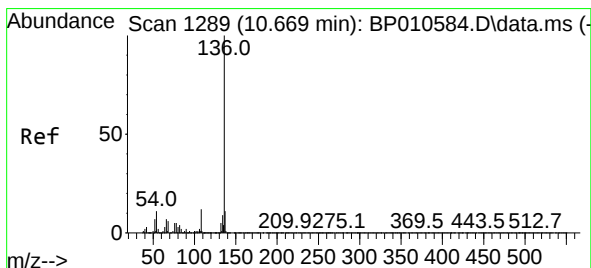
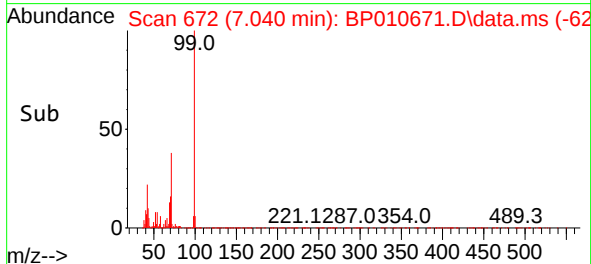
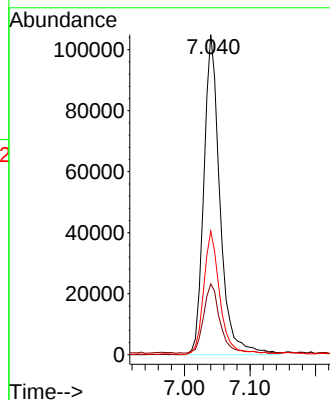
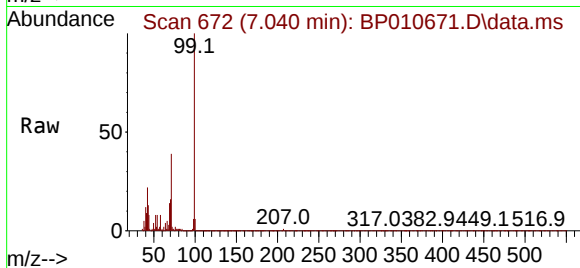




#7
Phenol-d6
Concen: 15.156 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

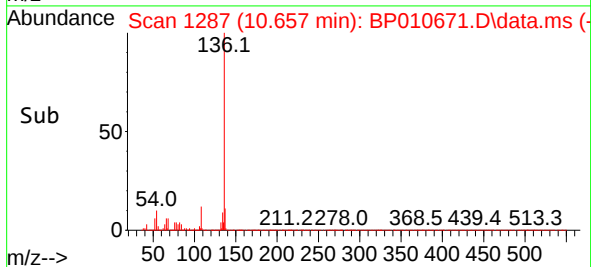
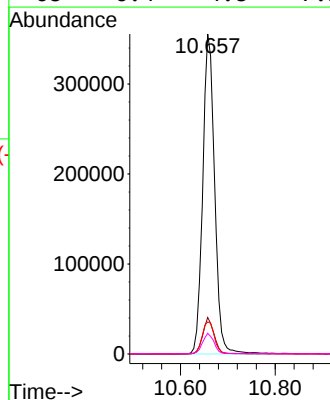
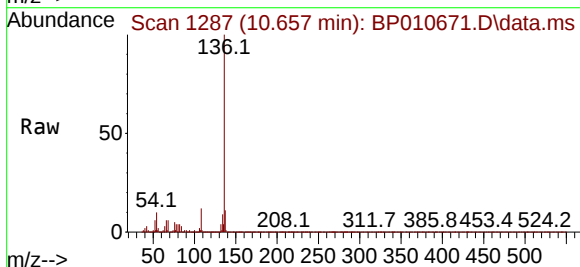
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

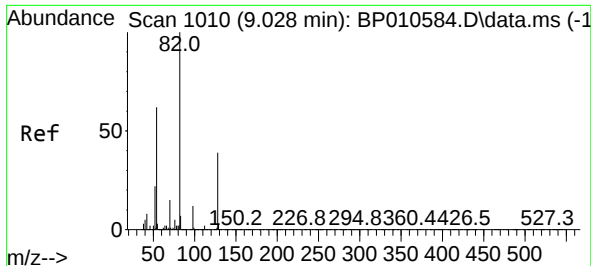
Tgt Ion: 99 Resp: 180442
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 38.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion: 136 Resp: 621153
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.0 8.7 13.1
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 9.122 ng

RT: 9.022 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BP010671.D

Acq: 02 Jun 2022 15:06

Instrument :

BNA_P

ClientSampleId :

P044-SS001-0006-01

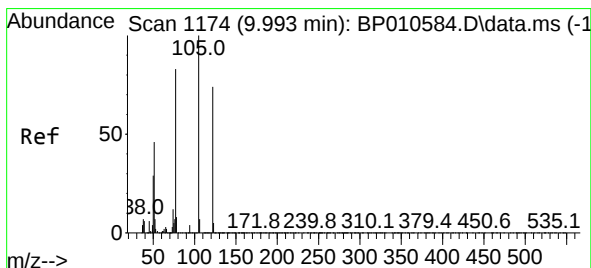
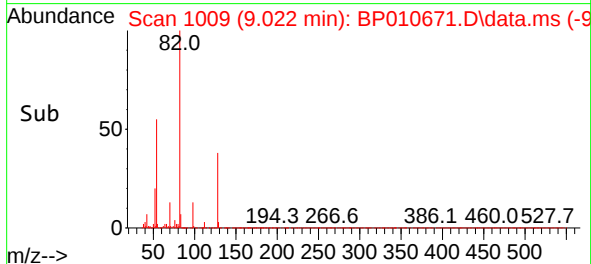
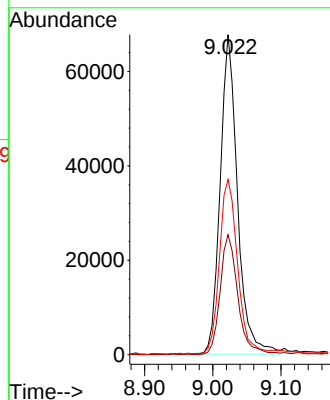
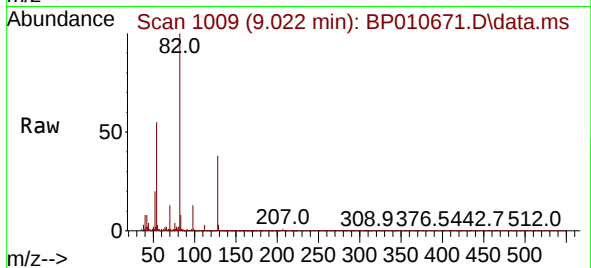
Tgt Ion: 82 Resp: 119852

Ion Ratio Lower Upper

82 100

128 37.5 31.3 46.9

54 54.8 49.8 74.8



#32

Benzoic acid

Concen: 7.377 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP010671.D

Acq: 02 Jun 2022 15:06

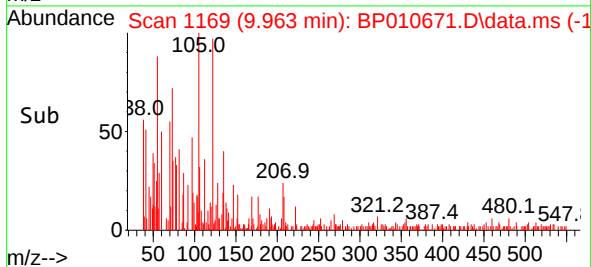
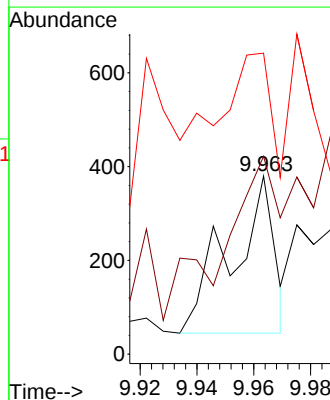
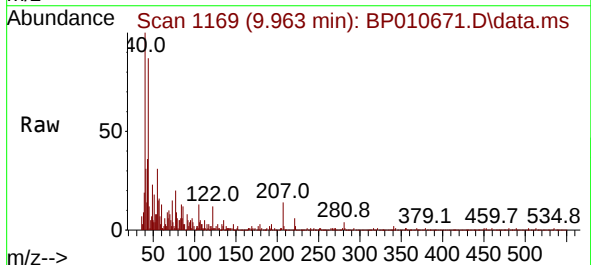
Tgt Ion: 122 Resp: 355

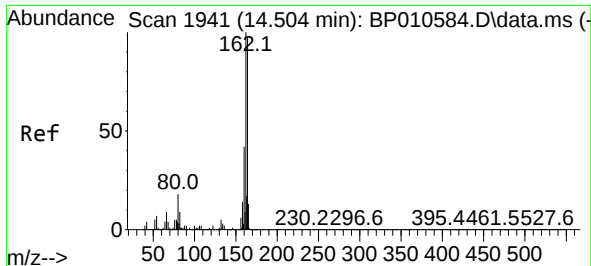
Ion Ratio Lower Upper

122 100

105 111.1 112.6 152.6#

77 168.9 90.2 130.2#

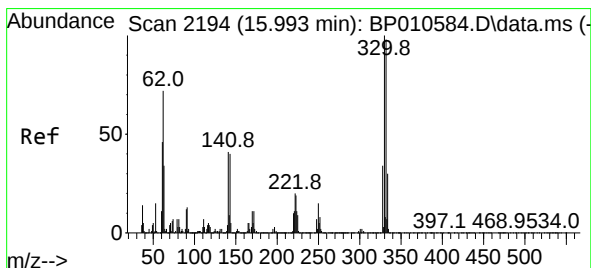
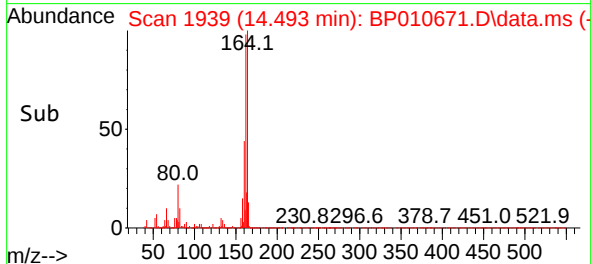
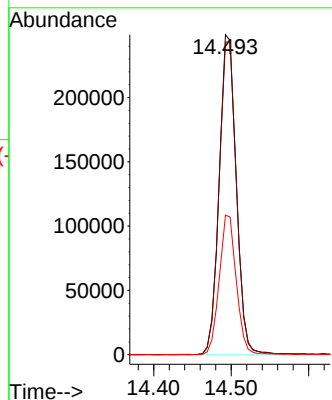
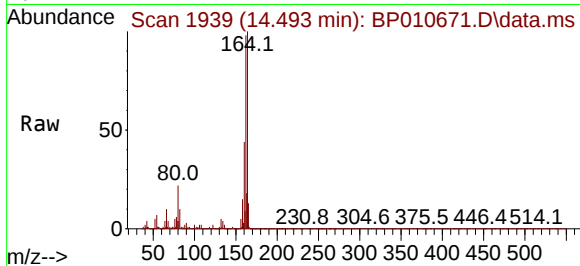




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.011 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

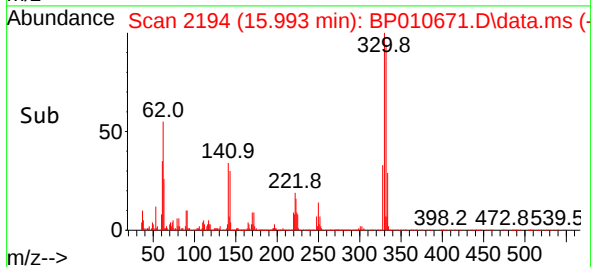
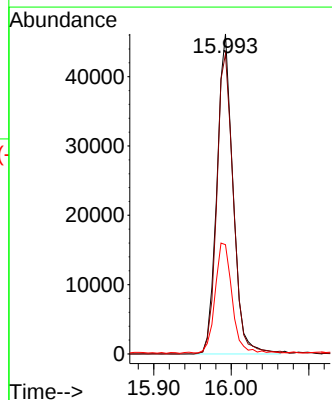
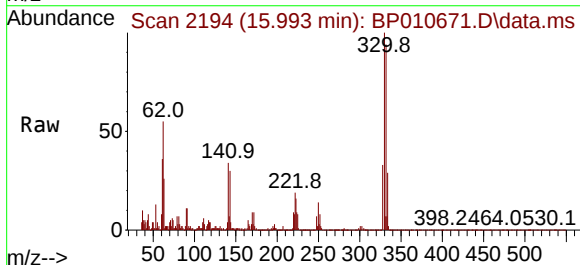
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

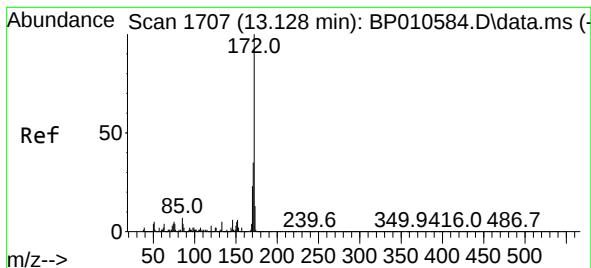
Tgt Ion:164 Resp: 381003
Ion Ratio Lower Upper
164 100
162 97.7 81.9 122.9
160 43.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 15.450 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion:330 Resp: 66632
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 35.8 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 9.731 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010671.D

Acq: 02 Jun 2022 15:06

Instrument :

BNA_P

ClientSampleId :

P044-SS001-0006-01

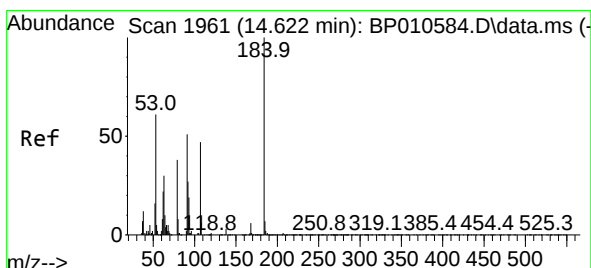
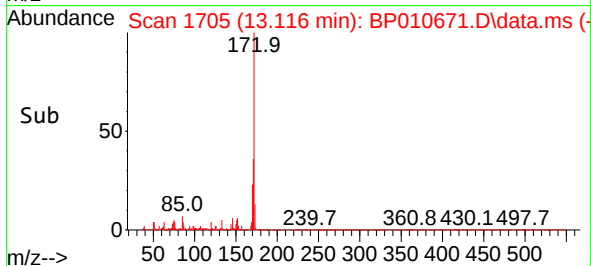
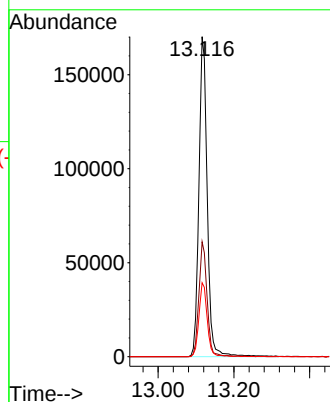
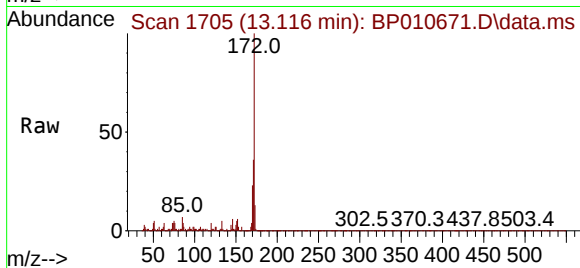
Tgt Ion:172 Resp: 261228

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 23.1 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.647 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.018 min

Lab File: BP010671.D

Acq: 02 Jun 2022 15:06

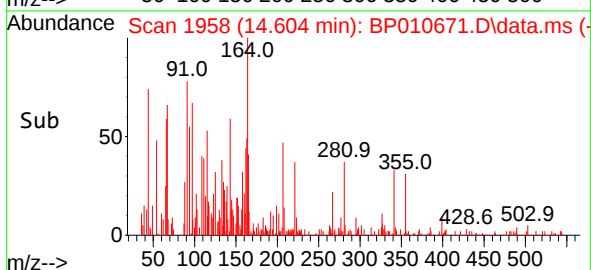
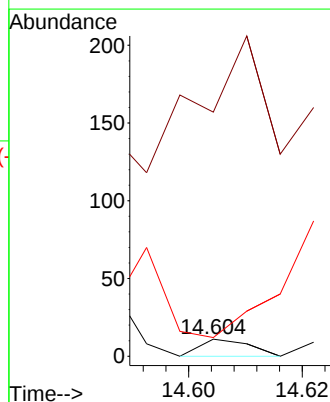
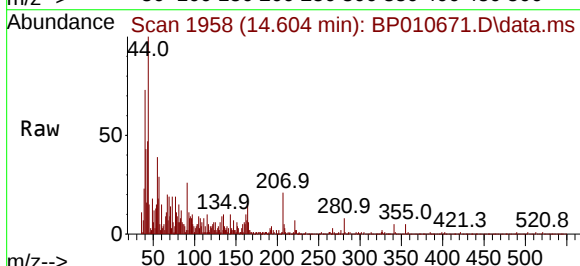
Tgt Ion:184 Resp: 7

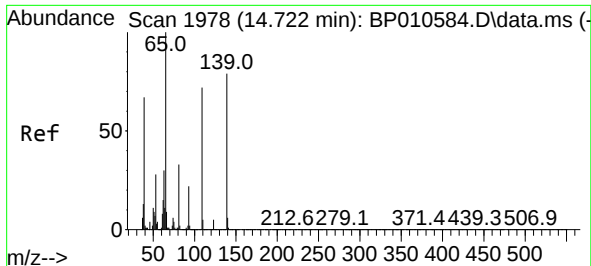
Ion Ratio Lower Upper

184 100

63 1427.3 65.4 98.2#

154 109.1 55.4 83.2#

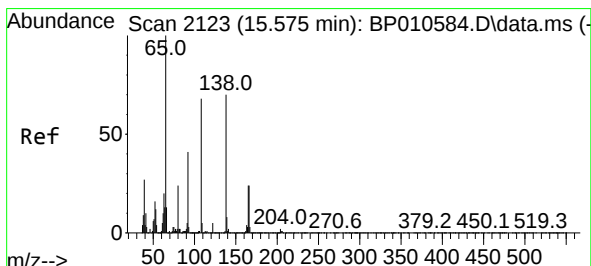
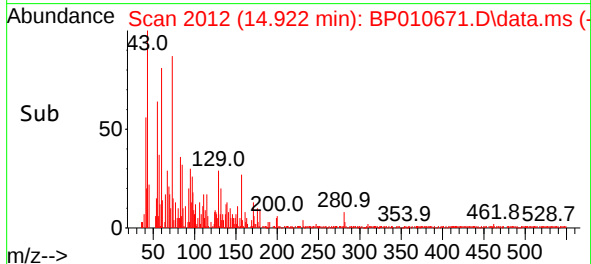
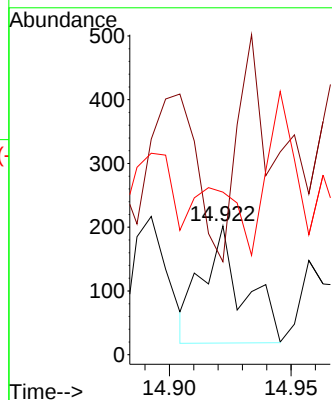
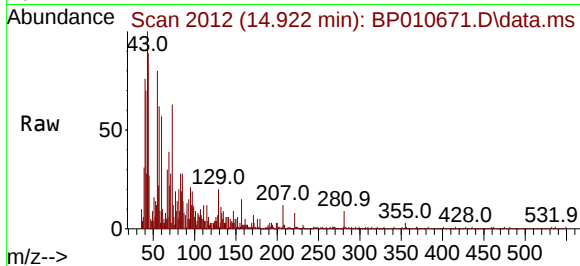




#56
4-Nitrophenol
Concen: 3.640 ng
RT: 14.922 min Scan# 2095
Delta R.T. 0.200 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

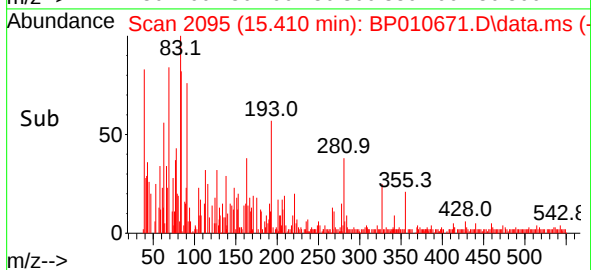
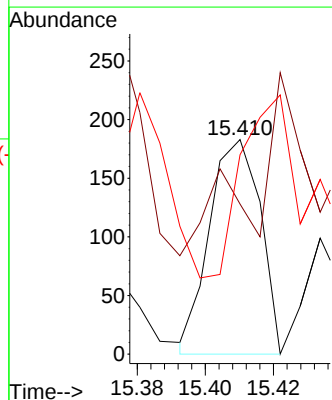
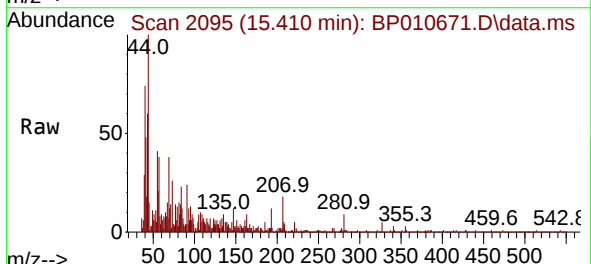
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

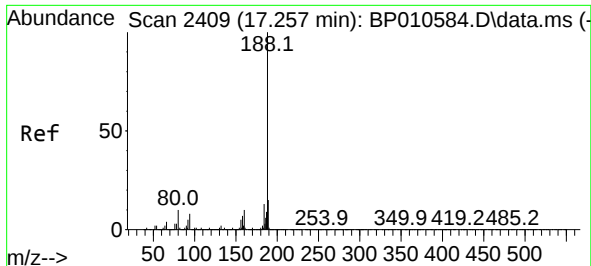
Tgt Ion:139 Resp: 216
Ion Ratio Lower Upper
139 100
109 72.3 70.6 110.6
65 126.2 106.6 146.6



#62
4-Nitroaniline
Concen: 2.163 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.165 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion:138 Resp: 189
Ion Ratio Lower Upper
138 100
92 66.7 38.0 78.0
108 88.5 77.6 117.6

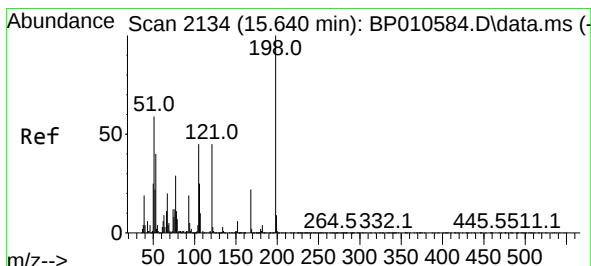
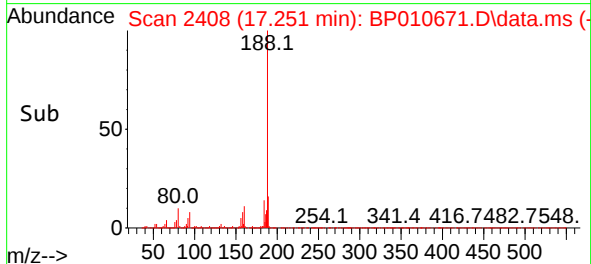
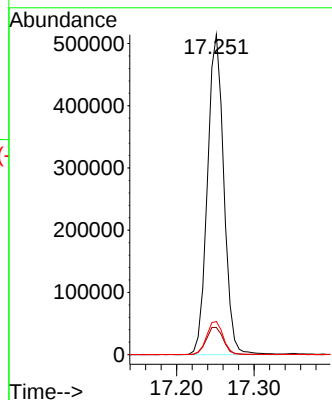
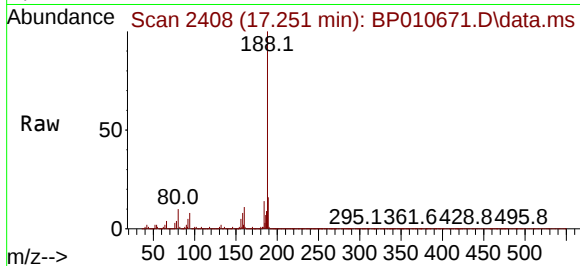




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

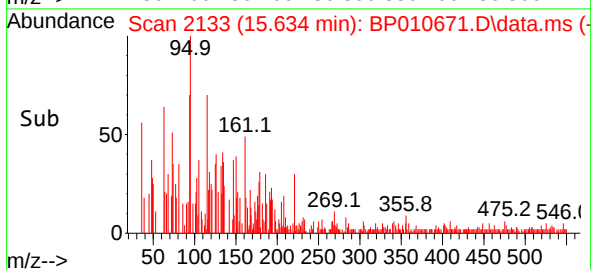
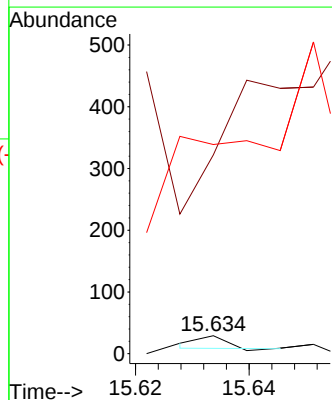
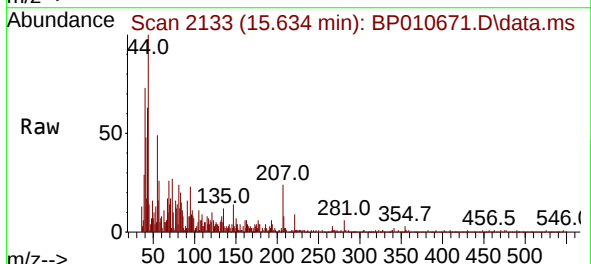
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

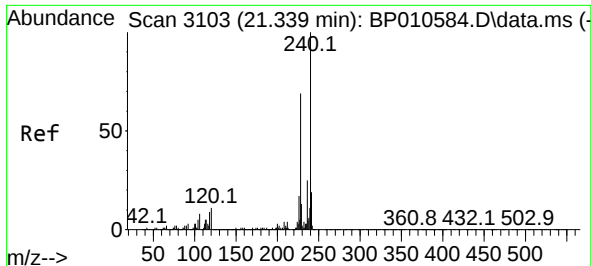
Tgt Ion:188 Resp: 753208
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 1110.3 41.2 81.2#
105 1169.0 25.3 65.3#

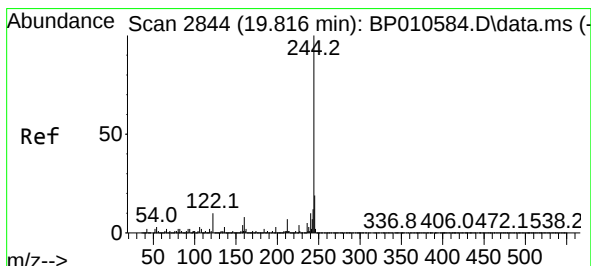
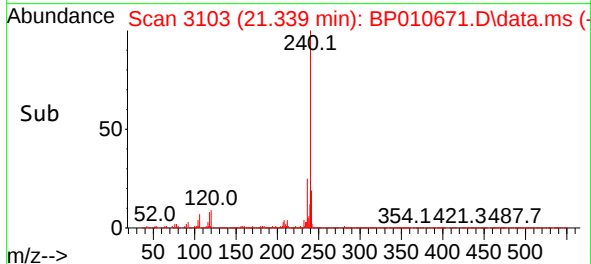
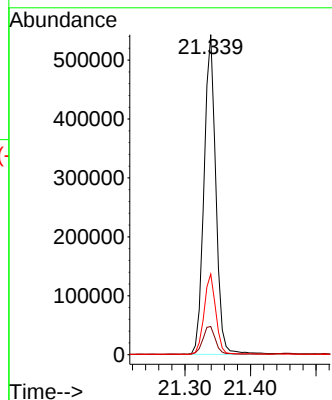
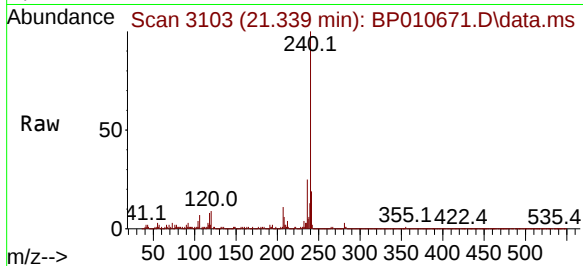




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

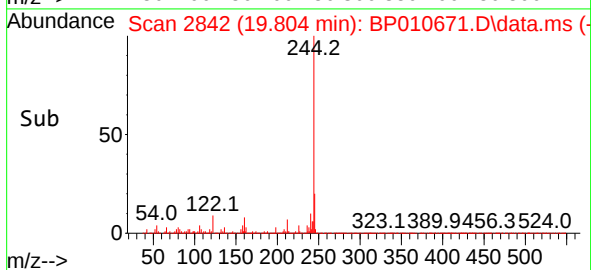
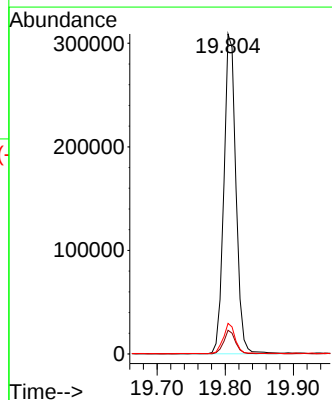
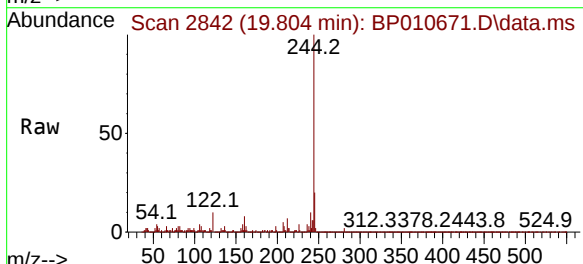
Instrument :
BNA_P
ClientSampleId :
P044-SS001-0006-01

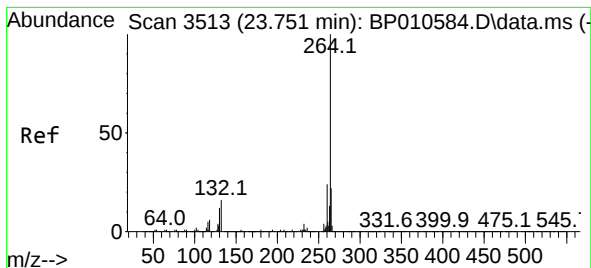
Tgt Ion:240 Resp: 682763
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 10.448 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP010671.D
Acq: 02 Jun 2022 15:06

Tgt Ion:244 Resp: 379793
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.6 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010671.D

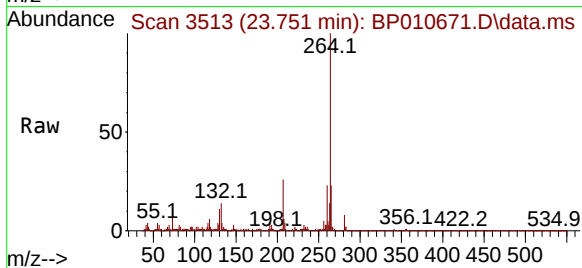
Acq: 02 Jun 2022 15:06

Instrument :

BNA_P

ClientSampleId :

P044-SS001-0006-01



Tgt Ion:264 Resp: 684199

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.9 18.0 27.0

