

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
 Data File : BP005662.D
 Acq On : 01 Jun 2021 18:45
 Operator : CG/JU
 Sample : M2565-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-052821

Quant Time: Jun 02 01:47:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

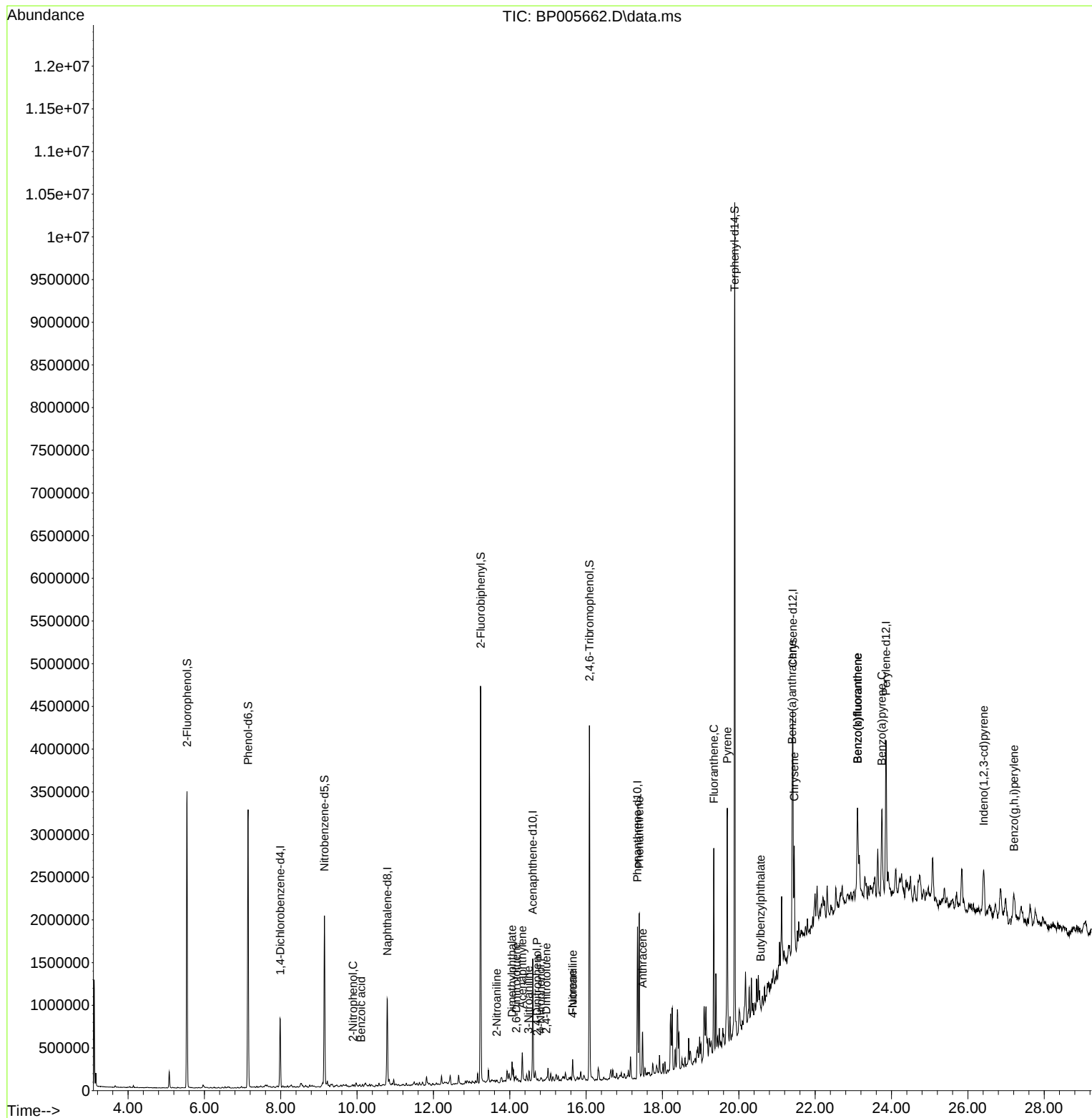
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	217590	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	798330	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	473664	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	1035263	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1191143	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1346749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1463668	104.58	ng	0.00
7) Phenol-d6	7.146	99	1777667	93.17	ng	0.00
23) Nitrobenzene-d5	9.146	82	1128119	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	784729	129.20	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2457706	68.67	ng	0.00
79) Terphenyl-d14	19.892	244	4299432	67.73	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.893	139	286	4.20	ng	# 1
32) Benzoic acid	10.110	122	113	5.03	ng	# 37
48) 2-Nitroaniline	13.657	65	183	4.51	ng	# 61
49) Acenaphthylene	14.328	152	234878	4.82	ng	98
50) Dimethylphthalate	14.057	163	95953	2.55	ng	# 96
51) 2,6-Dinitrotoluene	14.169	165	143	5.07	ng	# 32
53) 3-Nitroaniline	14.493	138	139	3.67	ng	# 34
54) 2,4-Dinitrophenol	14.716	184	203	6.58	ng	# 1
56) 4-Nitrophenol	14.810	139	1670	3.97	ng	# 75
57) 2,4-Dinitrotoluene	14.957	165	836	4.33	ng	# 49
58) Fluorene	15.645	166	107830	2.78	ng	99
62) 4-Nitroaniline	15.651	138	1818	3.82	ng	# 32
71) Phenanthrene	17.392	178	1164956	18.06	ng	99
72) Anthracene	17.481	178	331362	5.20	ng	99
75) Fluoranthene	19.345	202	1275147	16.47	ng	95
78) Pyrene	19.698	202	1598558	19.02	ng	99
80) Butylbenzylphthalate	20.569	149	2363	4.19	ng	# 39
81) Benzo(a)anthracene	21.398	228	719687	8.23	ng	92
83) Chrysene	21.451	228	692446	8.18	ng	97
87) Indeno(1,2,3-cd)pyrene	26.415	276	369662	3.23	ng	# 92
88) Benzo(b)fluoranthene	23.110	252	969009	9.92	ng	# 82
89) Benzo(k)fluoranthene	23.110	252	969009	10.47	ng	# 80
90) Benzo(a)pyrene	23.745	252	625295	7.03	ng	# 89
92) Benzo(g,h,i)perylene	27.209	276	420326	4.38	ng	# 89

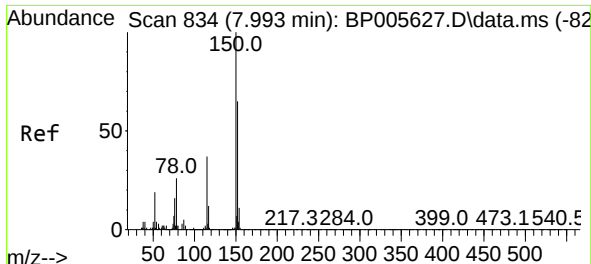
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
Operator : CG/JU
Sample : M2565-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

Quant Time: Jun 02 01:47:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

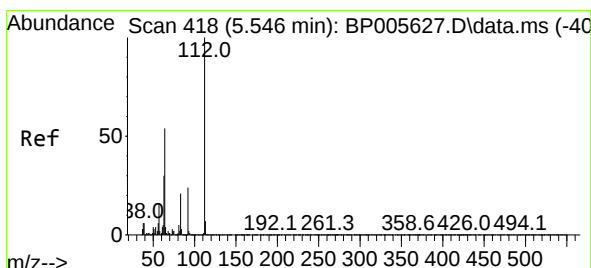
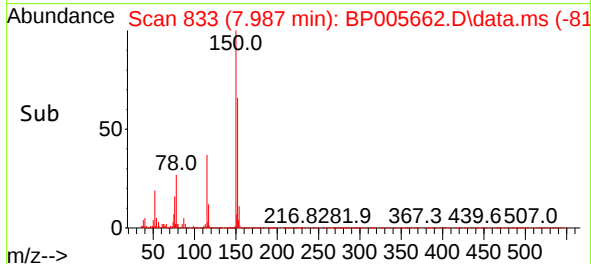
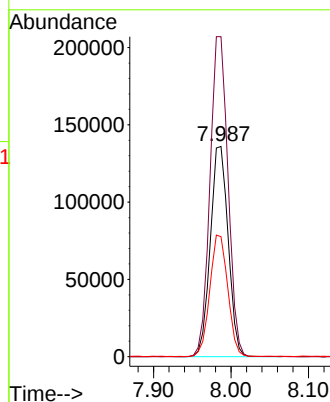
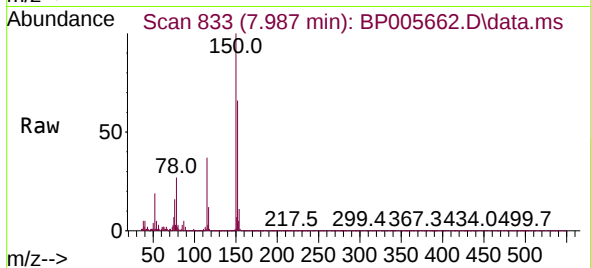




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

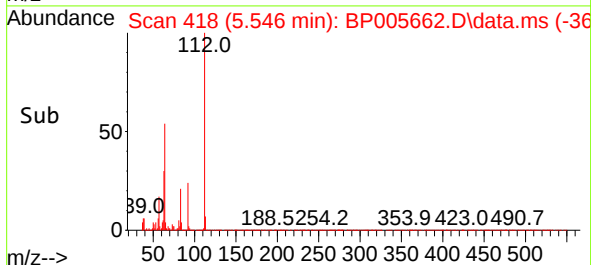
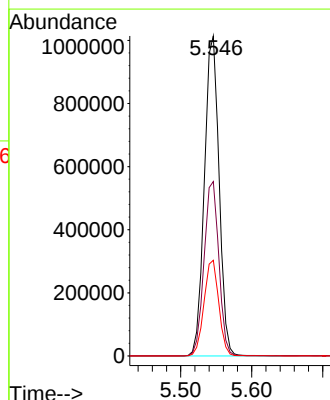
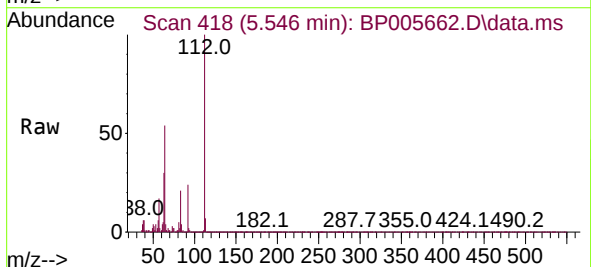
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

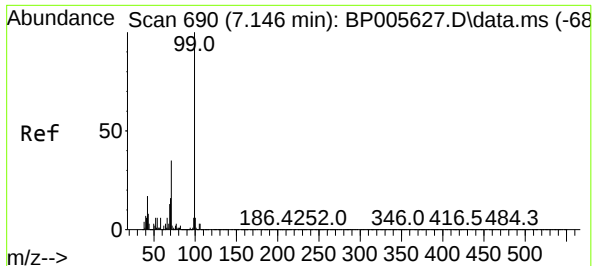
Tgt Ion:152 Resp: 217590
Ion Ratio Lower Upper
152 100
150 152.2 119.8 179.8
115 57.1 49.0 73.4



#5
2-Fluorophenol
Concen: 104.58 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:112 Resp: 1463668
Ion Ratio Lower Upper
112 100
64 54.5 33.6 50.4#
63 29.9 18.6 27.8#



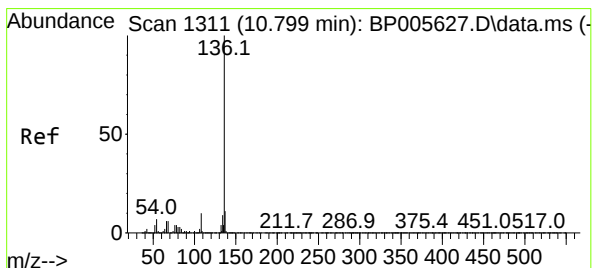
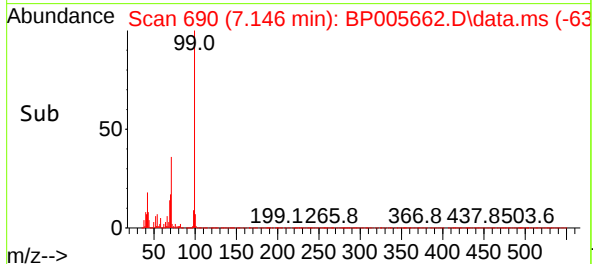
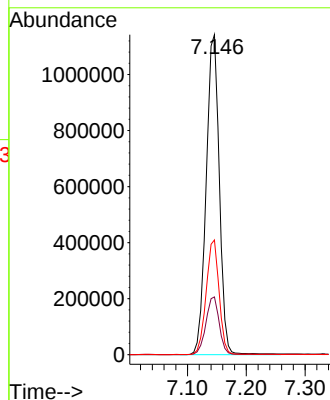
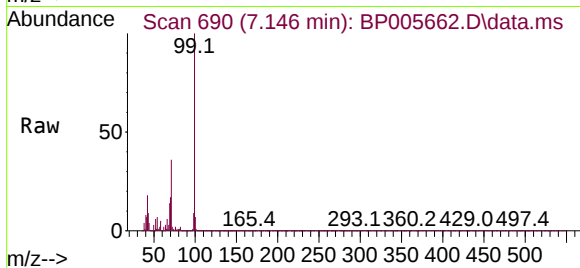


#7
Phenol-d6
Concen: 93.17 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

Tgt Ion: 99 Resp: 1777667

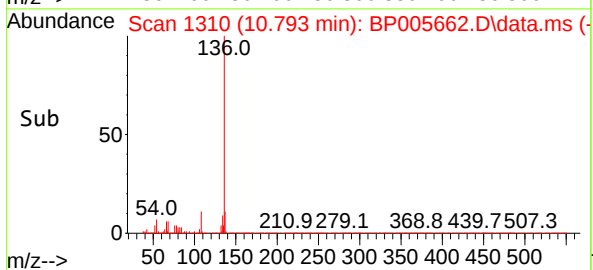
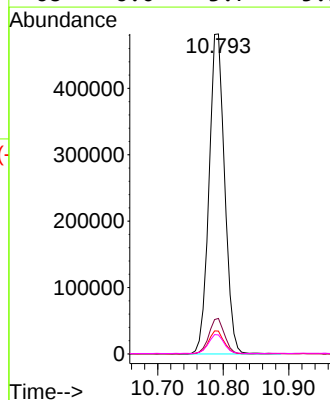
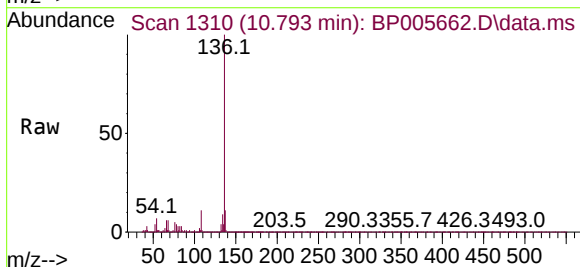
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.9	19.3
71	35.9	26.7	40.1

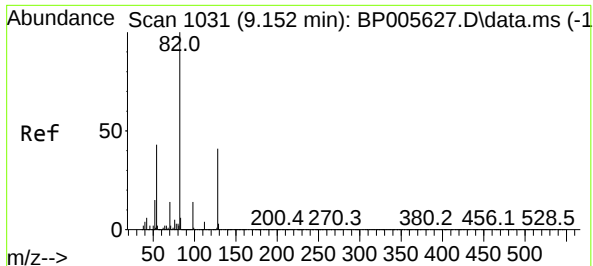


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:136 Resp: 798330

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	5.0	7.4
68	6.0	3.7	5.5

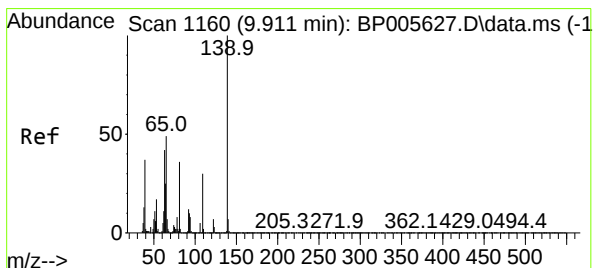
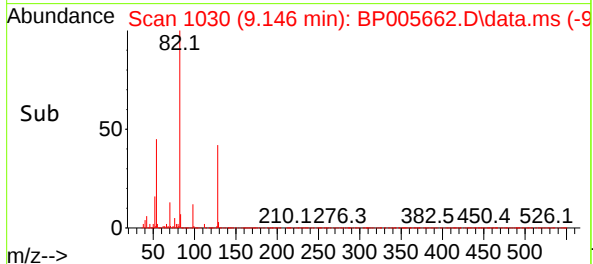
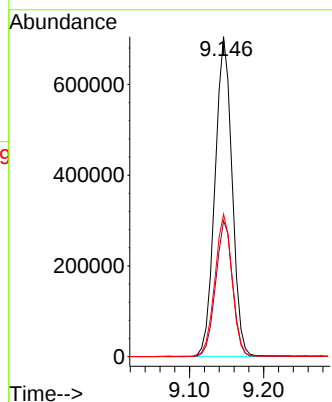
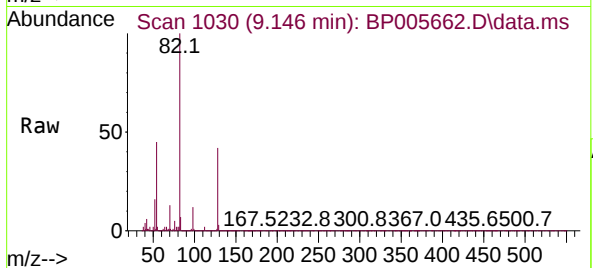




#23
Nitrobenzene-d5
Concen: 78.59 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

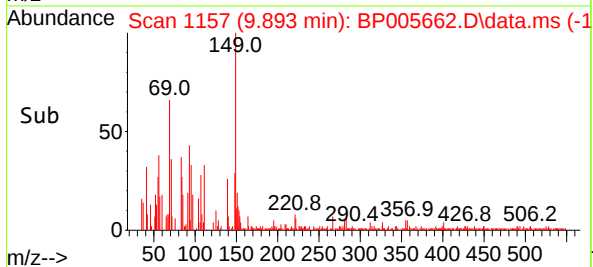
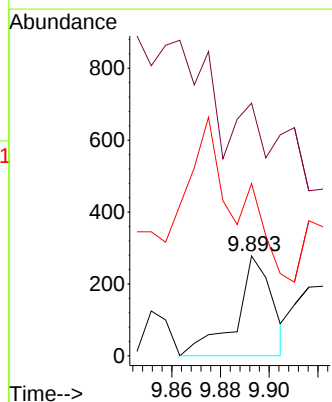
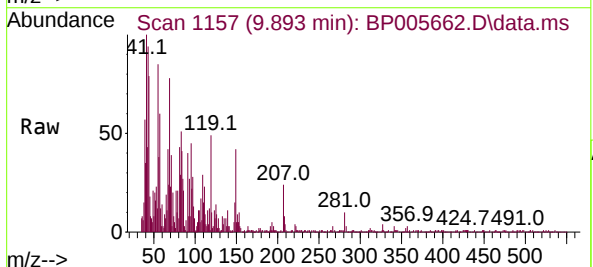
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

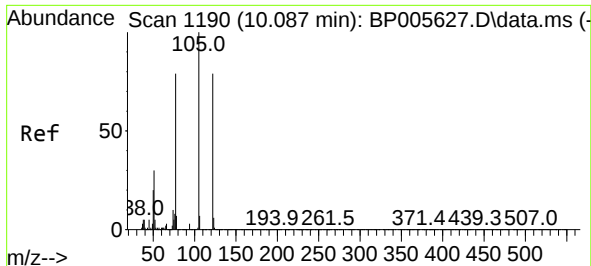
Tgt Ion: 82 Resp: 1128119
Ion Ratio Lower Upper
82 100
128 42.4 30.5 45.7
54 44.5 33.9 50.9



#26
2-Nitrophenol
Concen: 4.20 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion: 139 Resp: 286
Ion Ratio Lower Upper
139 100
109 252.9 40.7 61.1#
65 172.3 47.8 71.6#

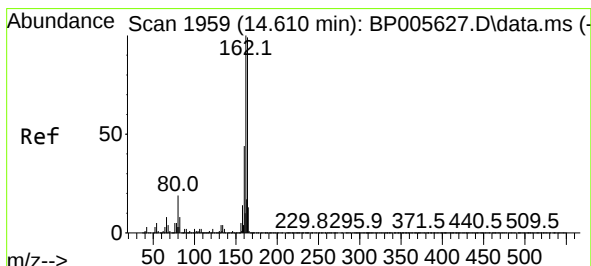
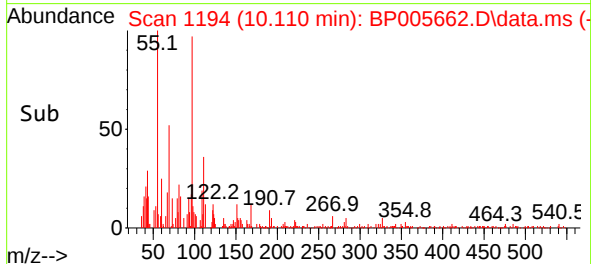
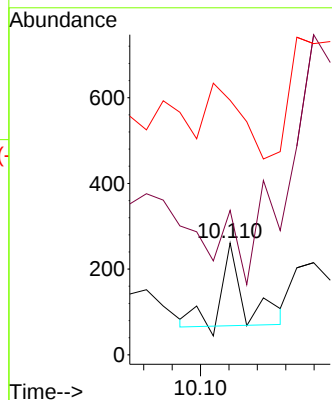
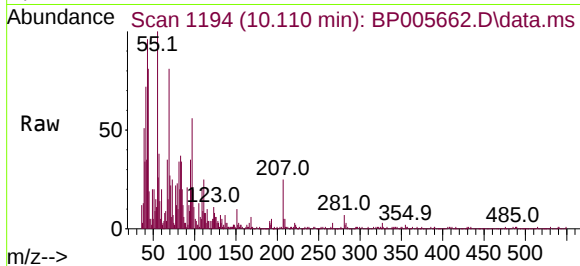




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.110 min Scan# 1194
Delta R.T. 0.023 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

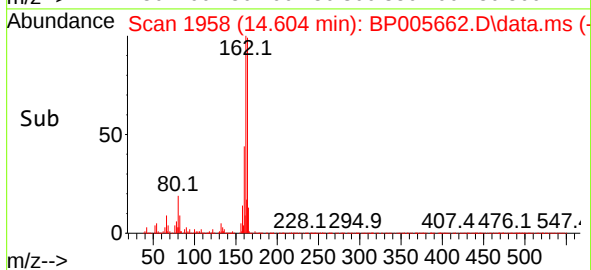
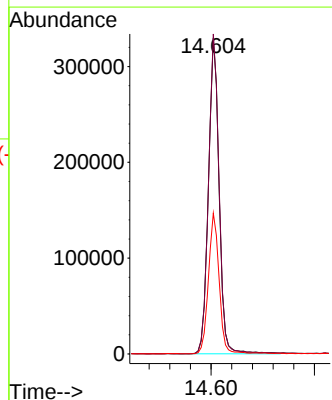
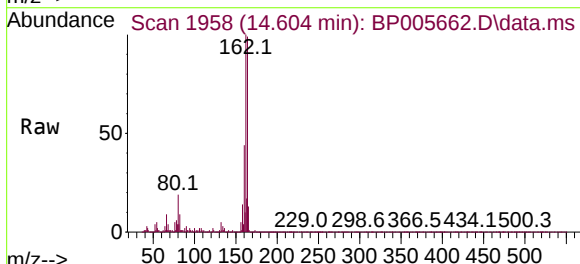
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

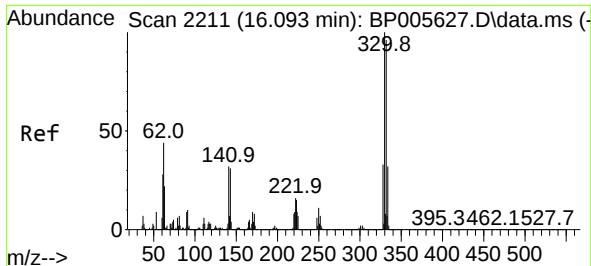
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 129.1 105.1 145.1
77 227.6 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:164 Resp: 473664
Ion Ratio Lower Upper
164 100
162 101.2 73.5 110.3
160 44.6 40.6 61.0

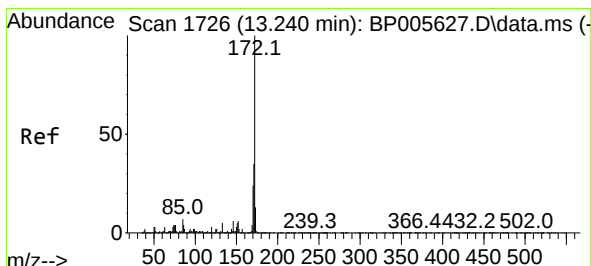
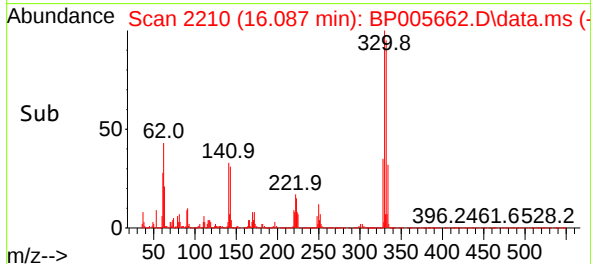
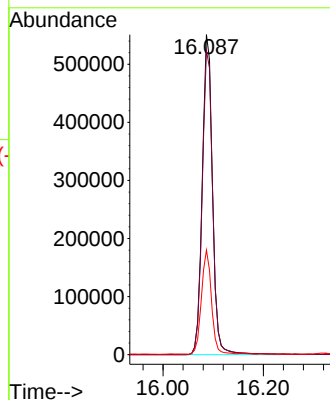
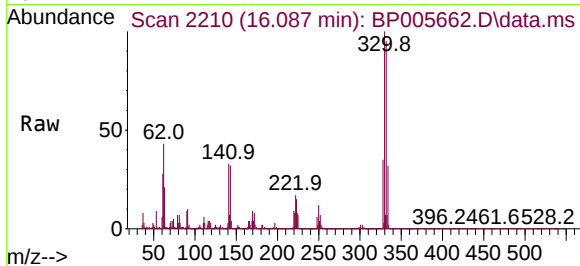




#42
2,4,6-Tribromophenol
Concen: 129.20 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

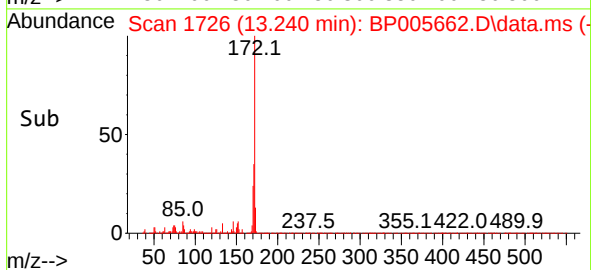
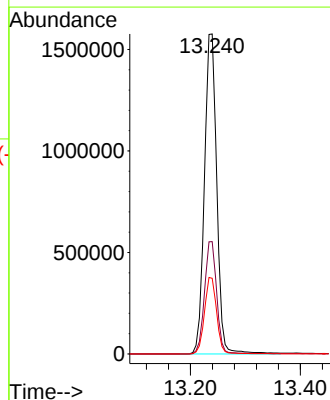
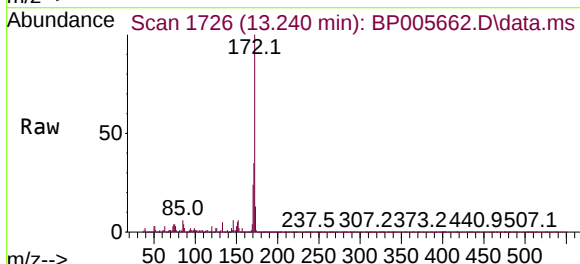
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

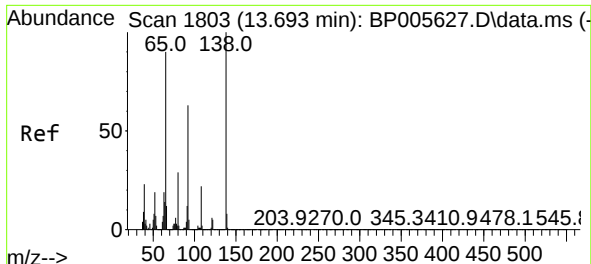
Tgt Ion:330 Resp: 784729
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 31.4 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:172 Resp: 2457706
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 19.6 29.4

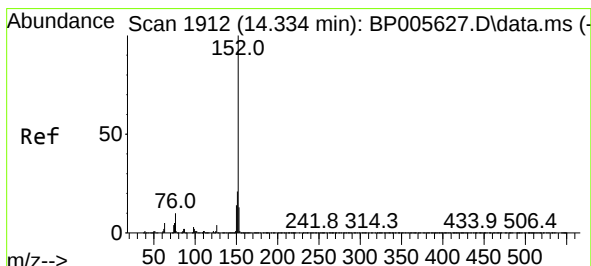
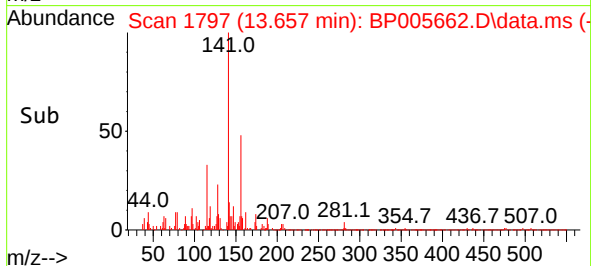
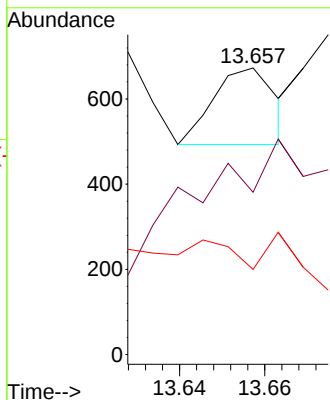
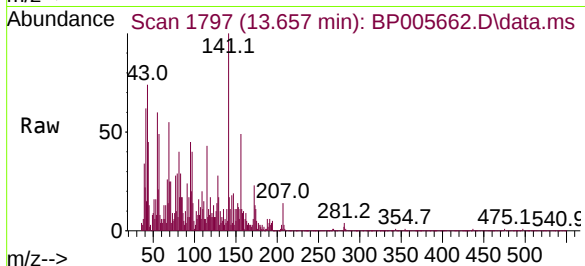




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.657 min Scan# 1797
Delta R.T. -0.036 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

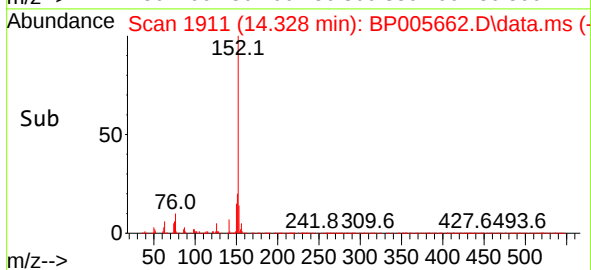
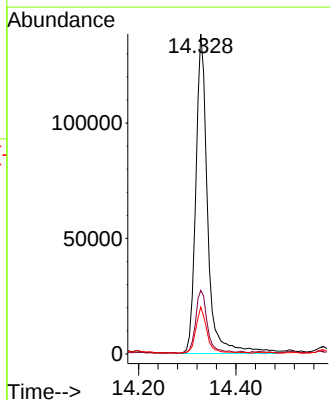
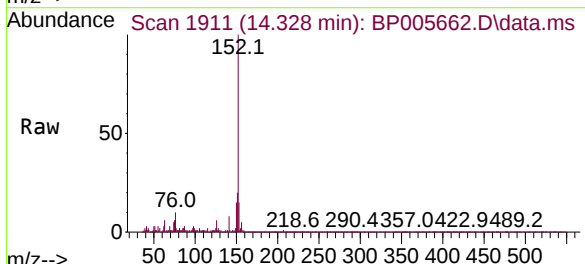
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

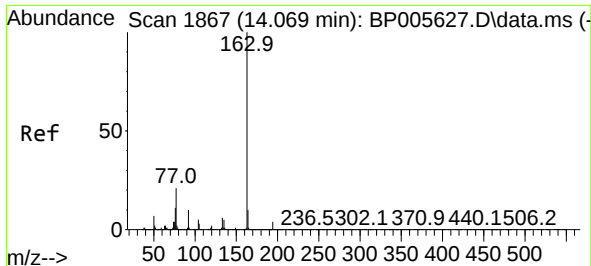
Tgt Ion: 65 Resp: 183
Ion Ratio Lower Upper
65 100
92 56.6 48.8 73.2
138 29.7 69.5 104.3#



#49
Acenaphthylene
Concen: 4.82 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion: 152 Resp: 234878
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 14.6 10.5 15.7

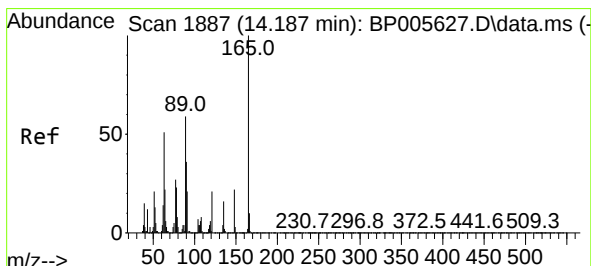
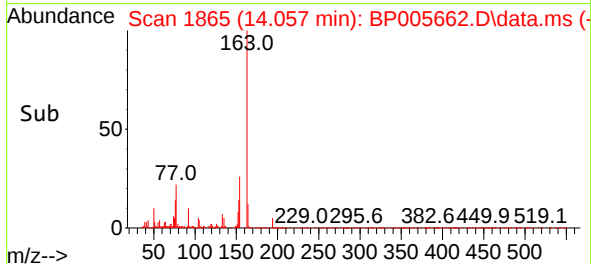
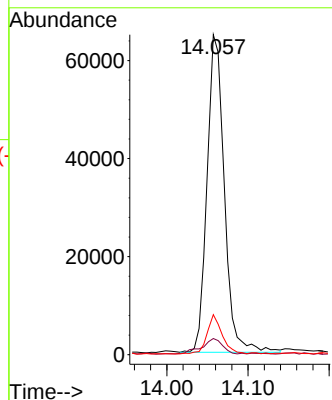
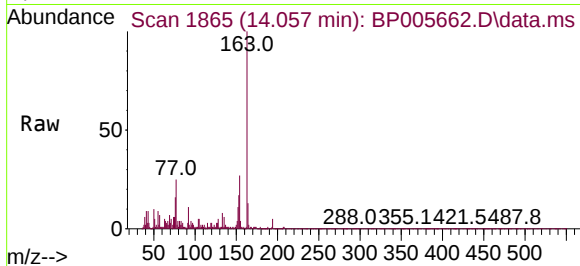




#50
Dimethylphthalate
Concen: 2.55 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

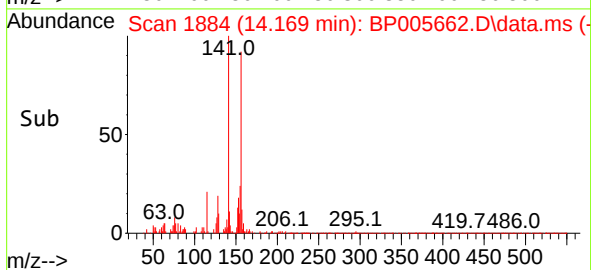
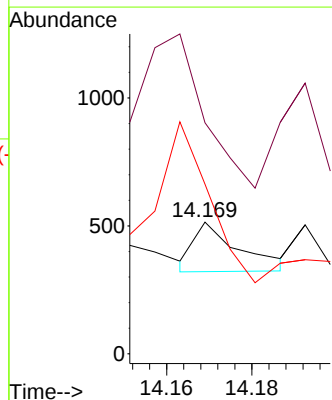
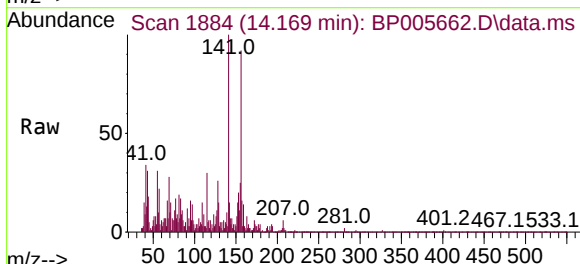
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

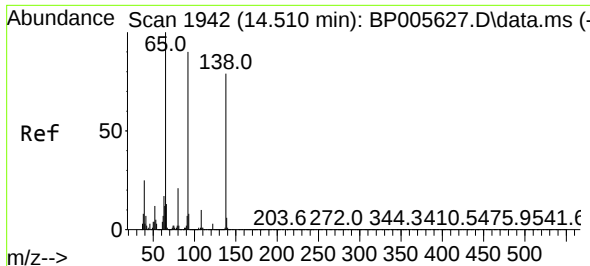
Tgt Ion:163 Resp: 95953
Ion Ratio Lower Upper
163 100
194 5.0 3.9 5.9
164 12.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:165 Resp: 143
Ion Ratio Lower Upper
165 100
63 175.3 67.4 101.0#
89 128.7 73.8 110.6#

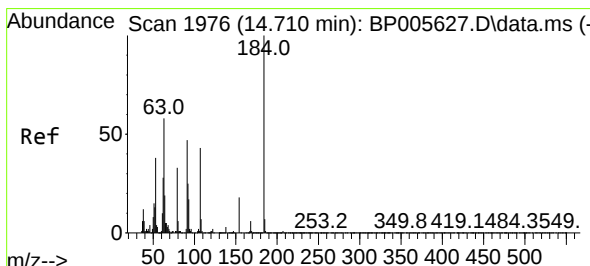
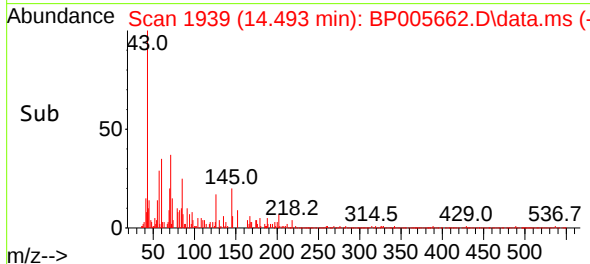
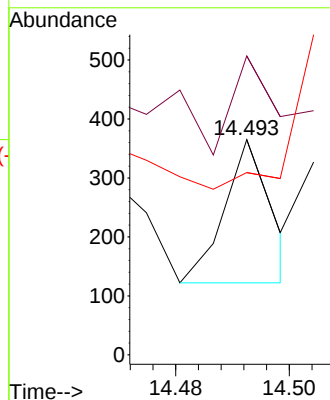
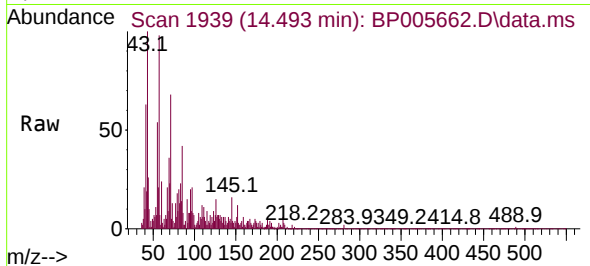




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

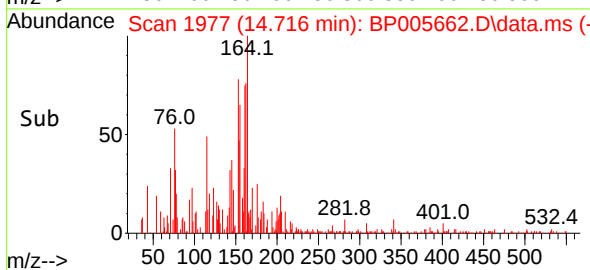
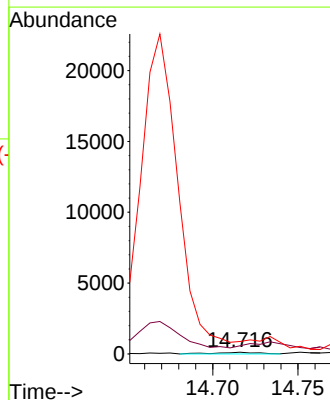
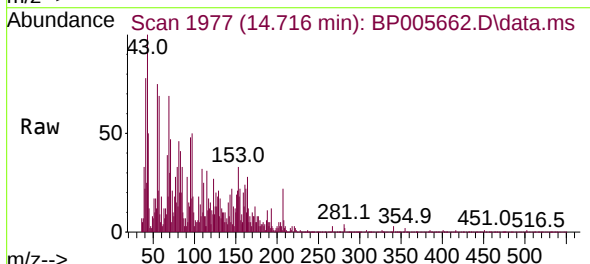
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

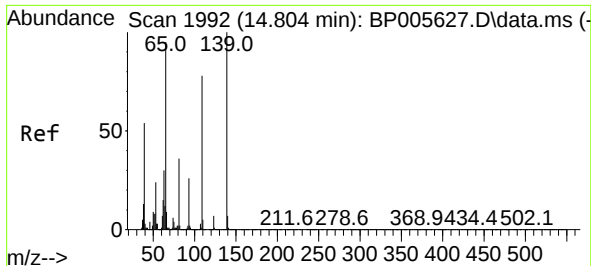
Tgt Ion:138 Resp: 139
Ion Ratio Lower Upper
138 100
108 138.9 10.2 15.4#
92 84.7 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.58 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:184 Resp: 203
Ion Ratio Lower Upper
184 100
63 461.6 51.2 76.8#
154 700.8 55.8 83.8#

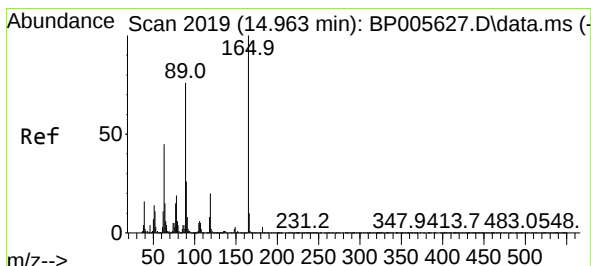
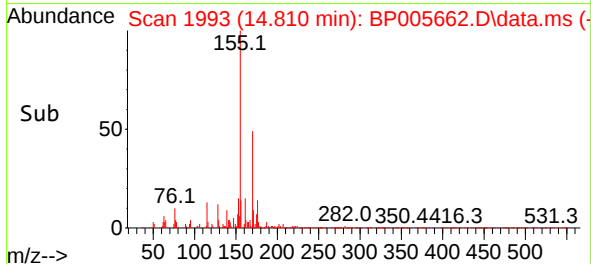
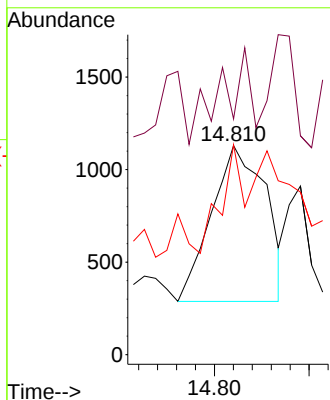
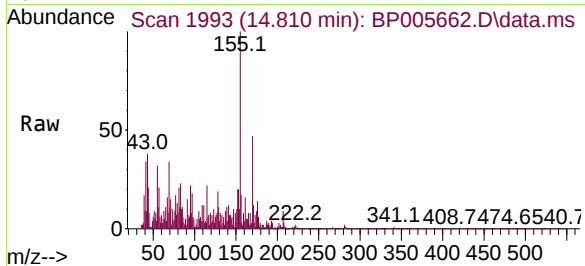




#56
4-Nitrophenol
Concen: 3.97 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

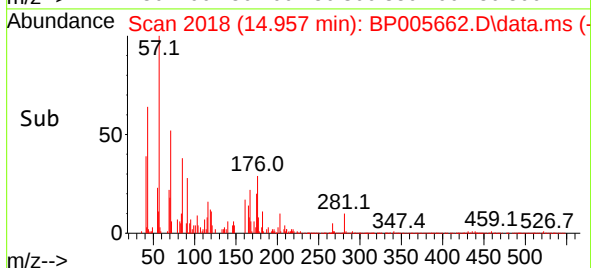
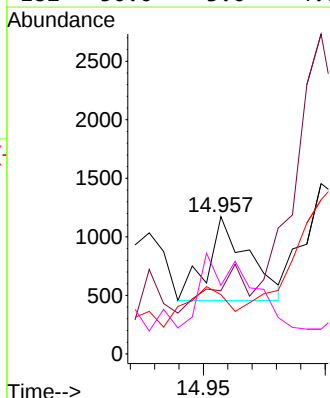
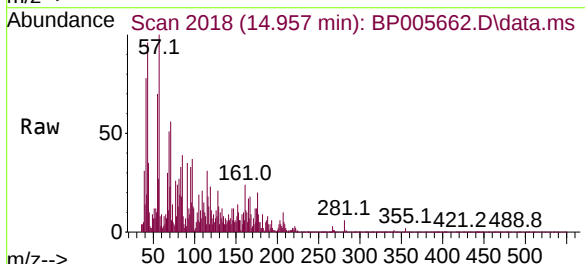
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

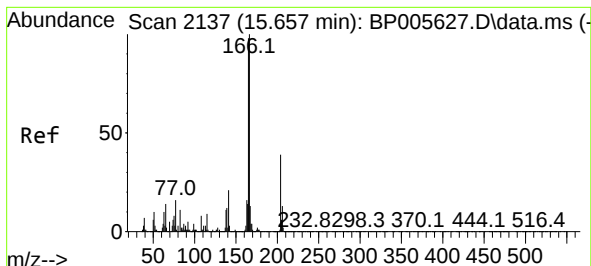
Tgt Ion:139 Resp: 1670
Ion Ratio Lower Upper
139 100
109 112.7 122.8 162.8#
65 100.4 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.33 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:165 Resp: 836
Ion Ratio Lower Upper
165 100
63 46.1 56.7 85.1#
89 43.3 85.8 128.6#
182 50.0 3.0 4.6#





#58

Fluorene

Concen: 2.78 ng

RT: 15.645 min Scan# 2135

Delta R.T. -0.012 min

Lab File: BP005662.D

Acq: 01 Jun 2021 18:45

Instrument :

BNA_P

ClientSampleId :

CL-02-052821

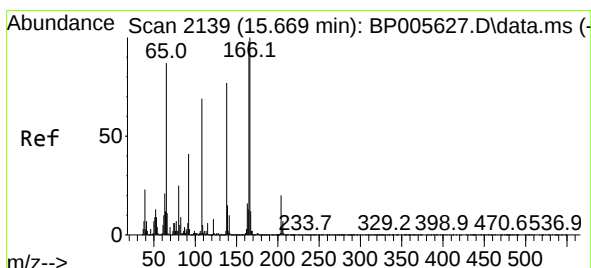
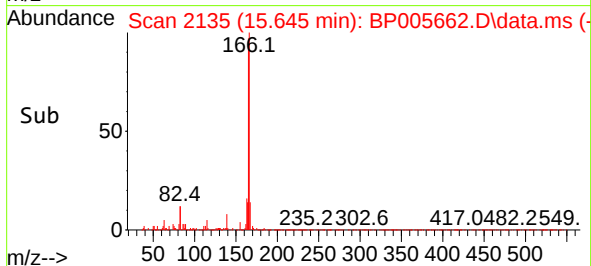
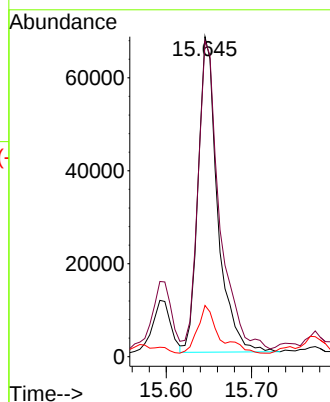
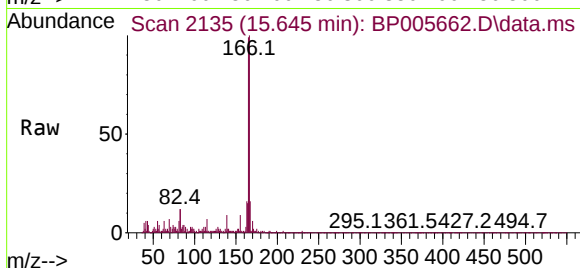
Tgt Ion:166 Resp: 107830

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 16.0 10.9 16.3



#62

4-Nitroaniline

Concen: 3.82 ng

RT: 15.651 min Scan# 2136

Delta R.T. -0.018 min

Lab File: BP005662.D

Acq: 01 Jun 2021 18:45

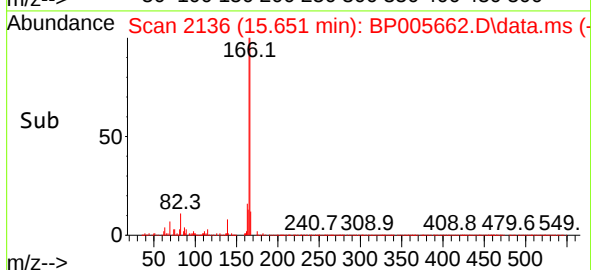
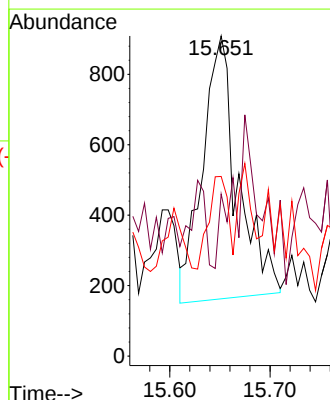
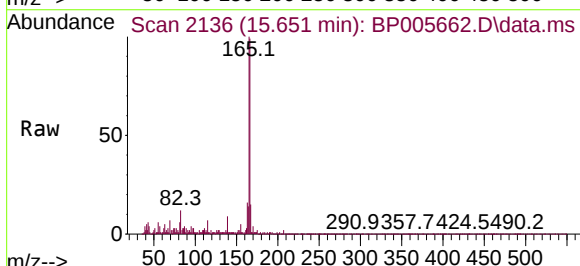
Tgt Ion:138 Resp: 1818

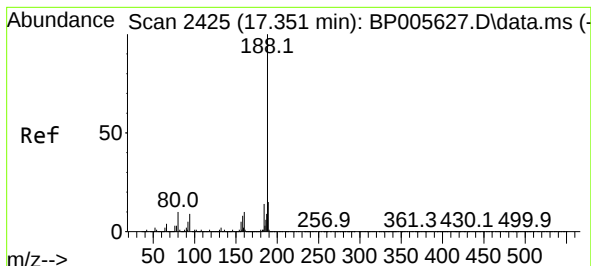
Ion Ratio Lower Upper

138 100

92 50.6 50.9 90.9#

108 56.1 154.7 194.7#

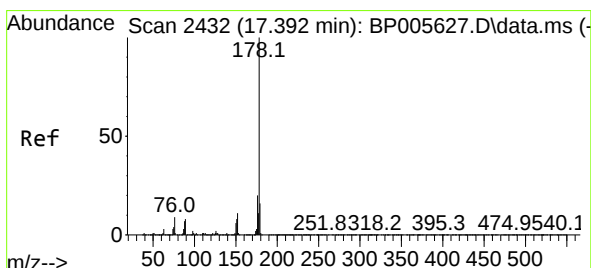
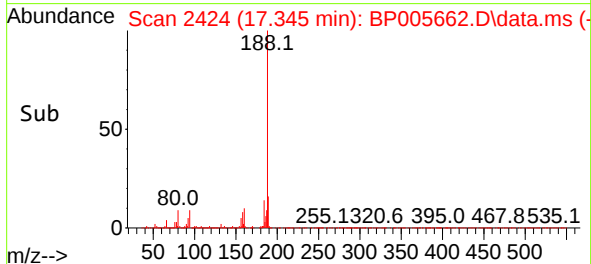
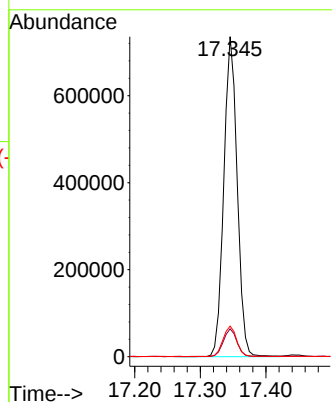
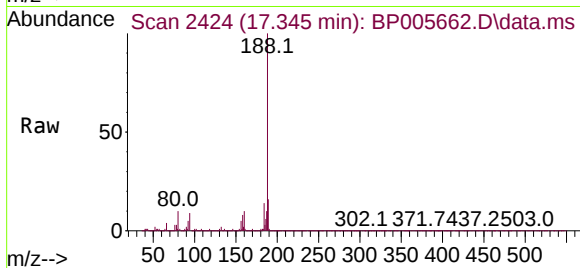




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

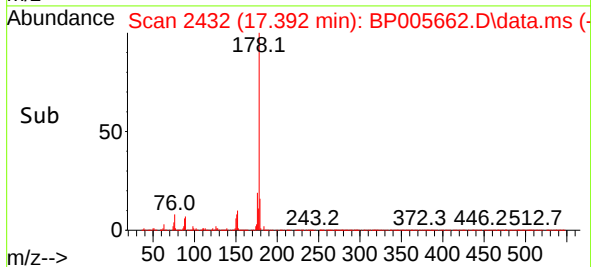
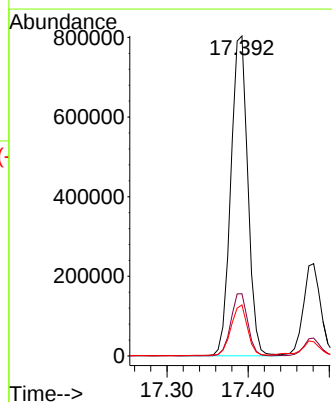
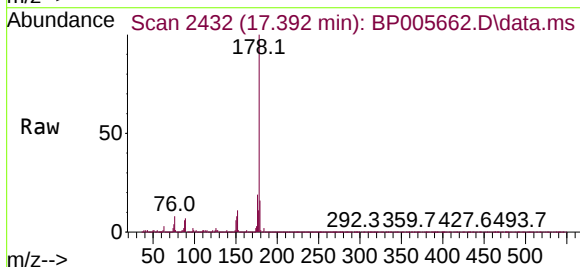
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

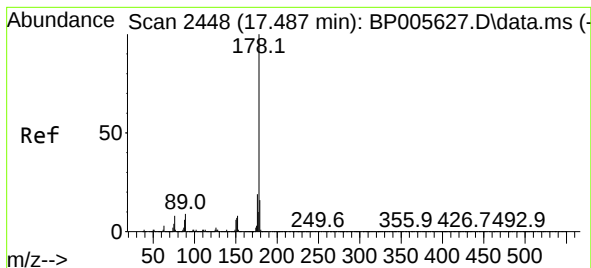
Tgt Ion:188 Resp: 1035263
Ion Ratio Lower Upper
188 100
94 8.7 5.0 7.6#
80 9.5 5.9 8.9#



#71
Phenanthrene
Concen: 18.06 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:178 Resp: 1164956
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.3 18.5

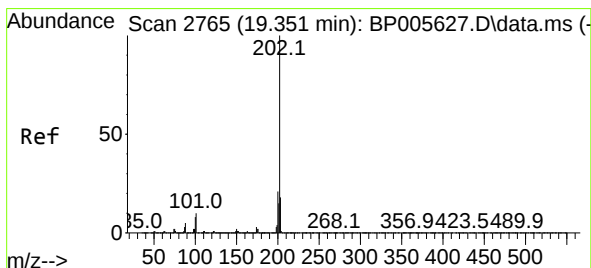
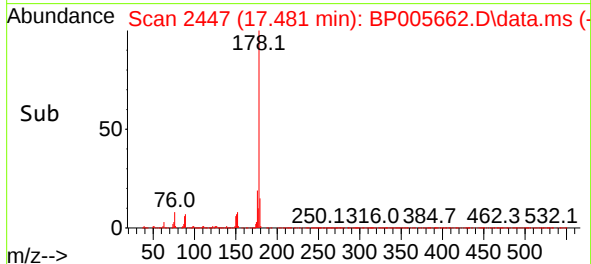
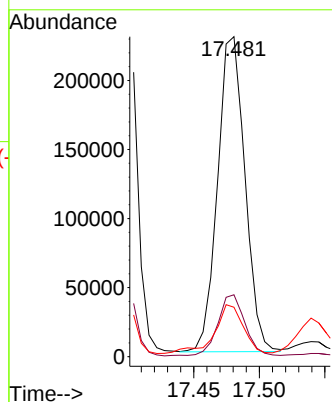
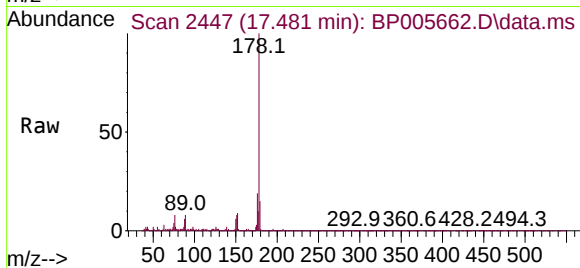




#72
 Anthracene
 Concen: 5.20 ng
 RT: 17.481 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BP005662.D
 Acq: 01 Jun 2021 18:45

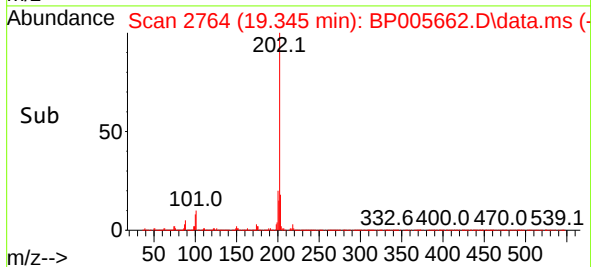
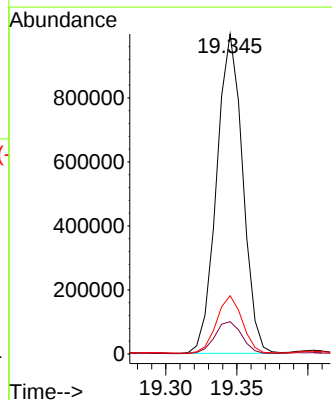
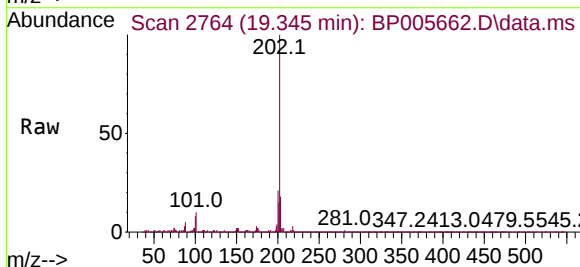
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-052821

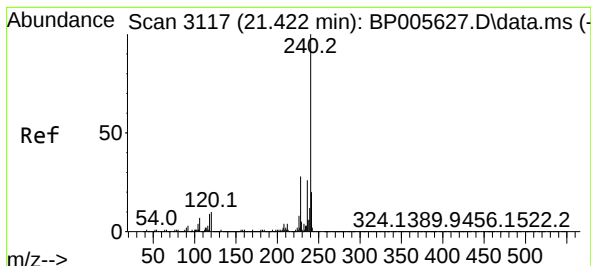
Tgt Ion:	178	Resp:	331362
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.2	22.8
179	15.4	12.6	19.0



#75
 Fluoranthene
 Concen: 16.47 ng
 RT: 19.345 min Scan# 2764
 Delta R.T. -0.006 min
 Lab File: BP005662.D
 Acq: 01 Jun 2021 18:45

Tgt Ion:	202	Resp:	1275147
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	26.1
203	18.2	0.0	37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP005662.D

Acq: 01 Jun 2021 18:45

Instrument :

BNA_P

ClientSampleId :

CL-02-052821

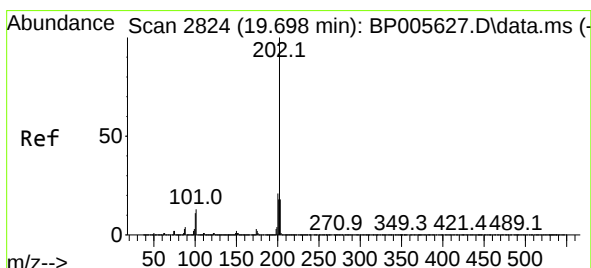
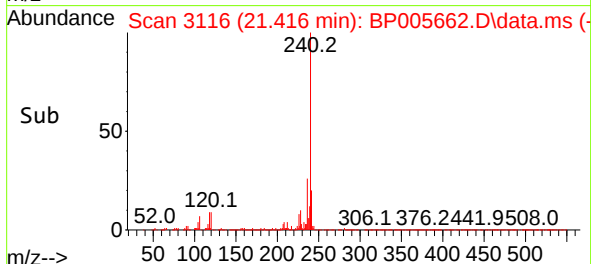
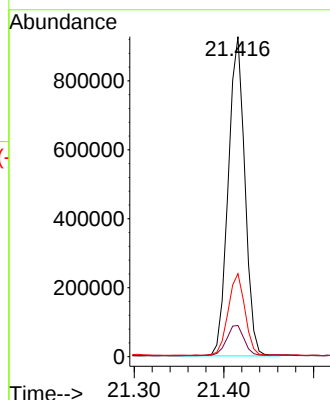
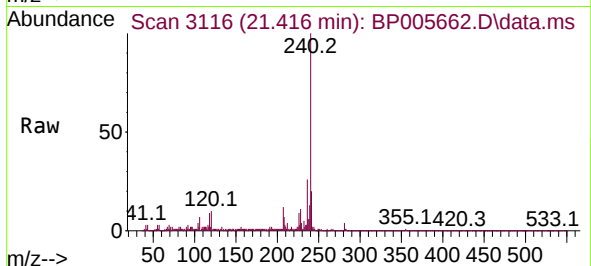
Tgt Ion:240 Resp: 1191143

Ion Ratio Lower Upper

240 100

120 9.7 4.2 6.2#

236 26.0 20.2 30.2



#78

Pyrene

Concen: 19.02 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005662.D

Acq: 01 Jun 2021 18:45

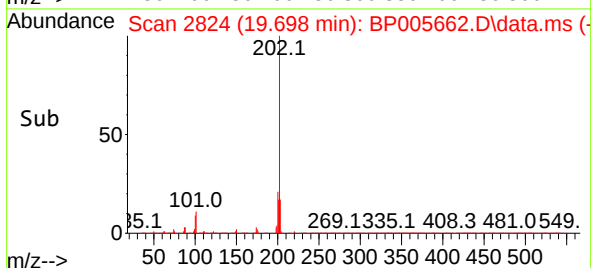
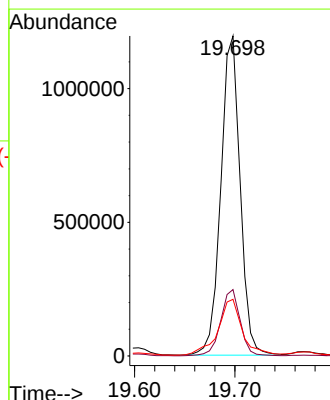
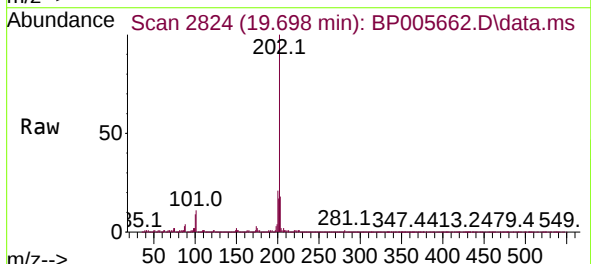
Tgt Ion:202 Resp: 1598558

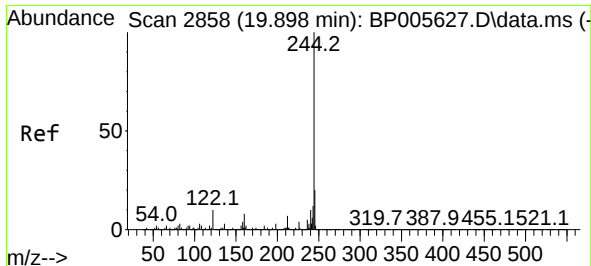
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.7 13.8 20.6

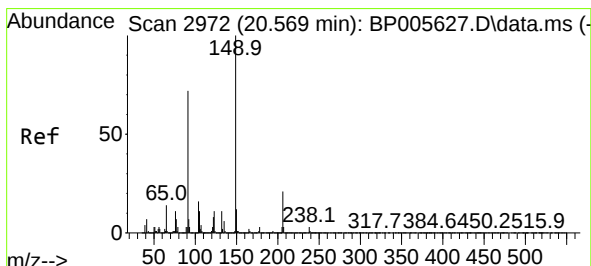
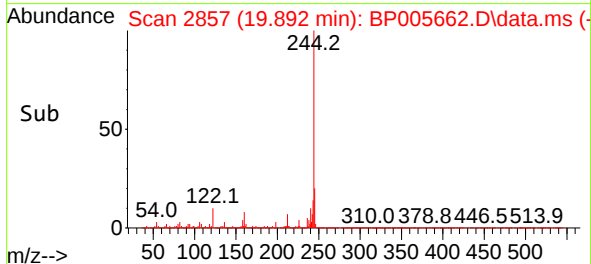
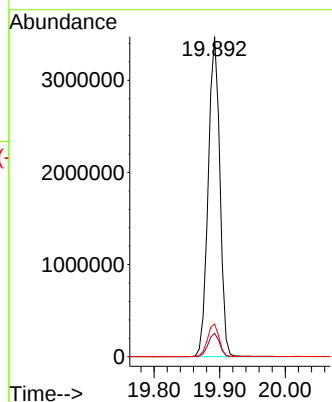
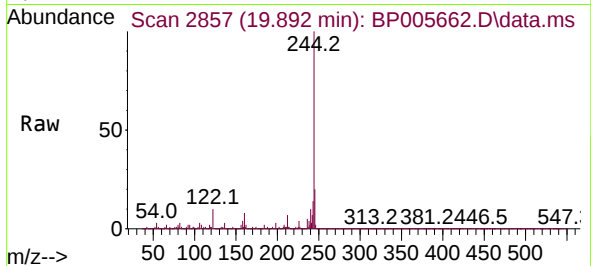




#79
 Terphenyl-d14
 Concen: 67.73 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005662.D
 Acq: 01 Jun 2021 18:45

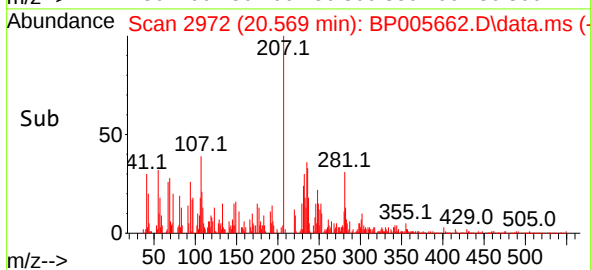
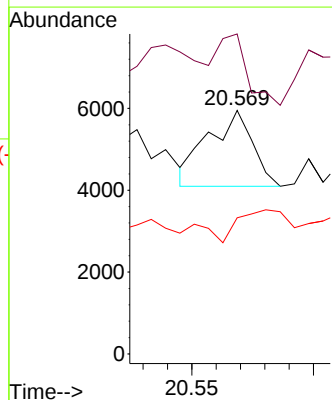
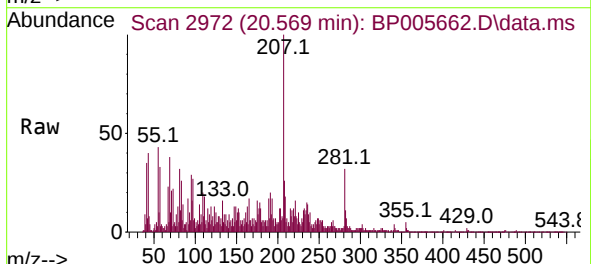
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-052821

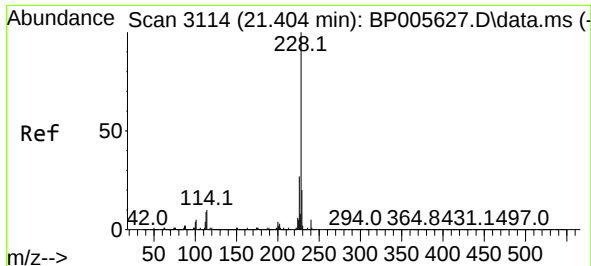
Tgt Ion:244 Resp: 4299432
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.2 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.19 ng
 RT: 20.569 min Scan# 2972
 Delta R.T. -0.000 min
 Lab File: BP005662.D
 Acq: 01 Jun 2021 18:45

Tgt Ion:149 Resp: 2363
 Ion Ratio Lower Upper
 149 100
 91 131.4 60.2 90.4#
 206 55.9 23.9 35.9#

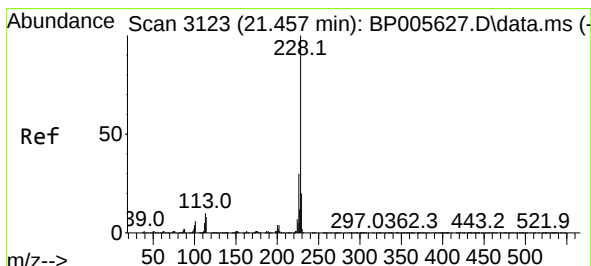
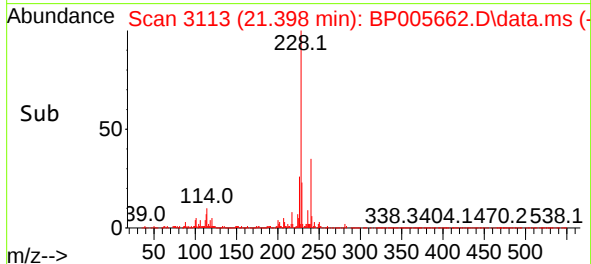
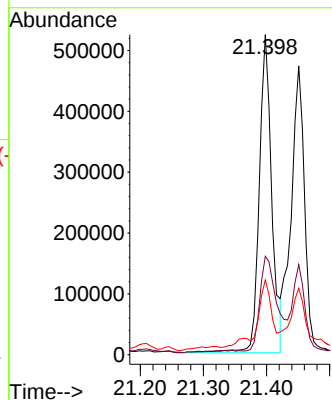
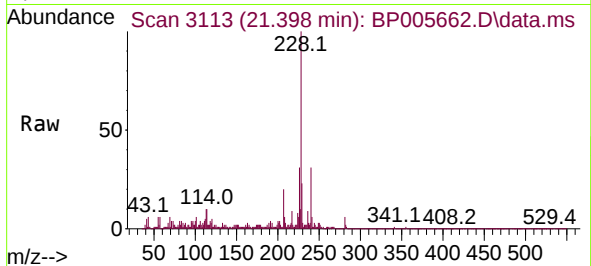




#81
Benzo(a)anthracene
Concen: 8.23 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

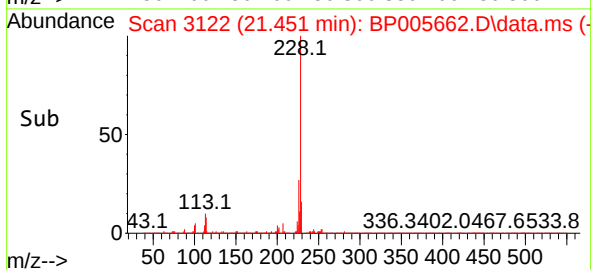
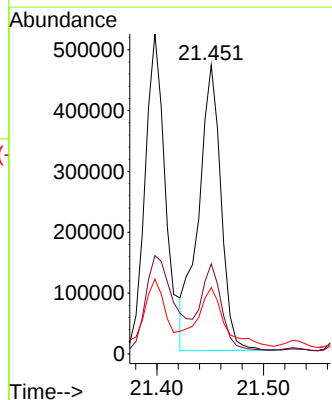
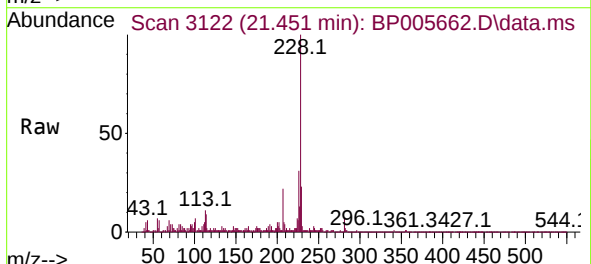
Instrument :
BNA_P
ClientSampled :
CL-02-052821

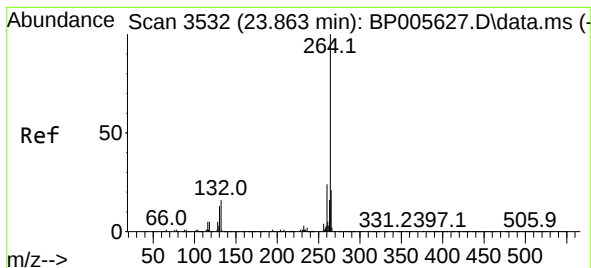
Tgt Ion:228 Resp: 719687
Ion Ratio Lower Upper
228 100
226 30.8 21.2 31.8
229 23.3 15.6 23.4



#83
Chrysene
Concen: 8.18 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:228 Resp: 692446
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 23.0 15.4 23.0

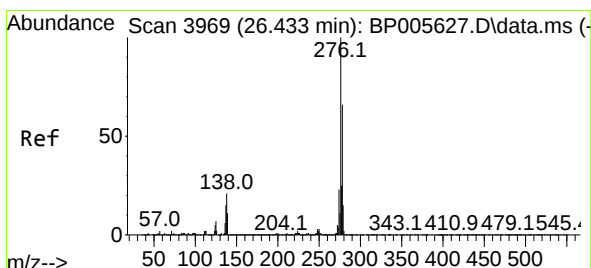
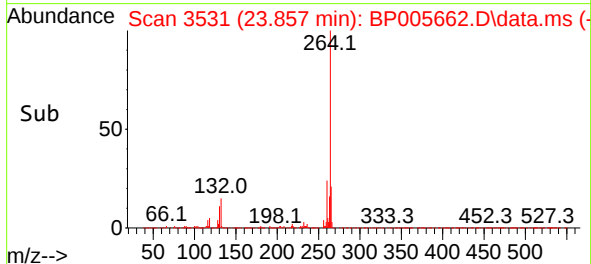
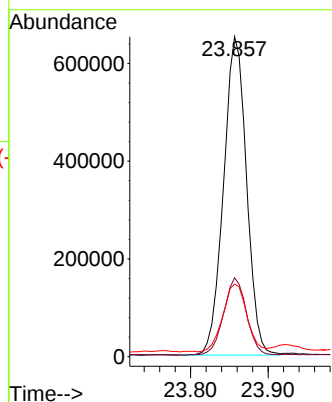
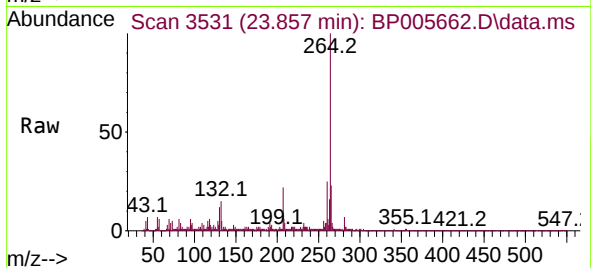




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

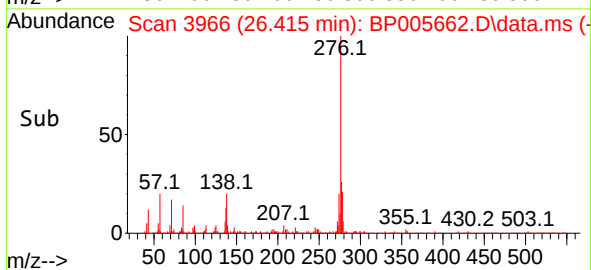
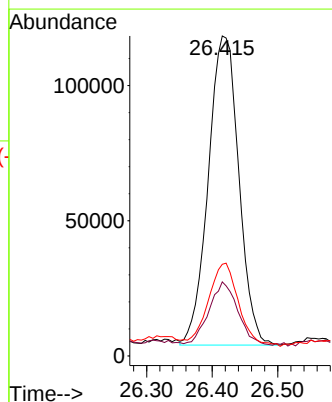
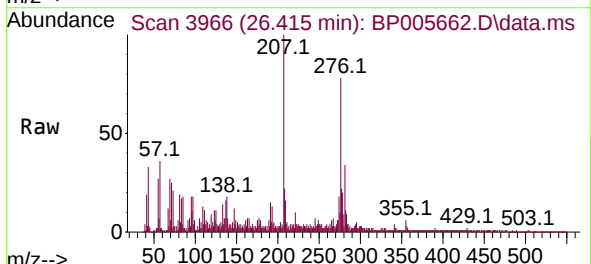
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

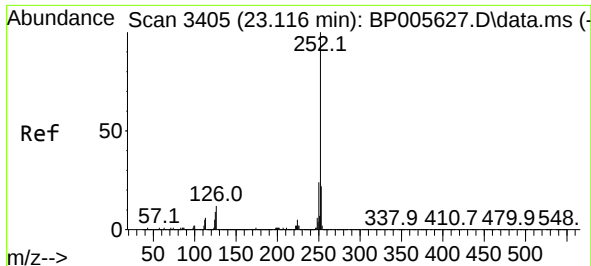
Tgt Ion:264 Resp: 1346749
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 22.7 19.0 28.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.23 ng
RT: 26.415 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:276 Resp: 369662
Ion Ratio Lower Upper
276 100
138 19.4 8.4 12.6#
277 26.8 20.6 31.0

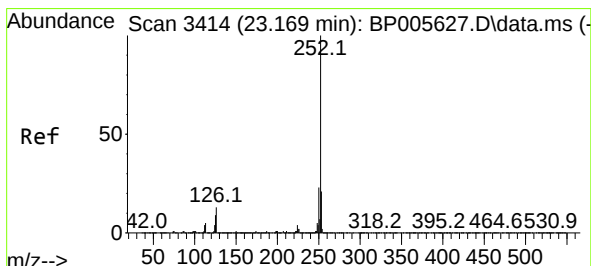
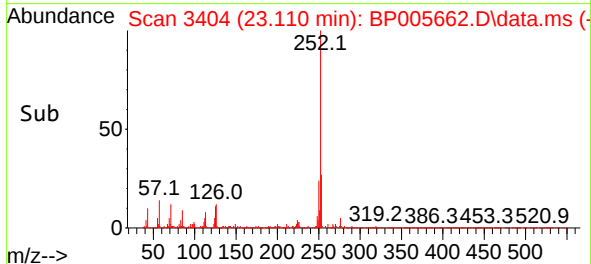
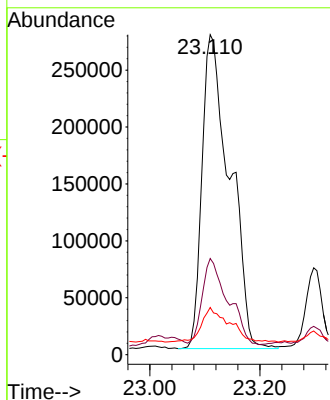
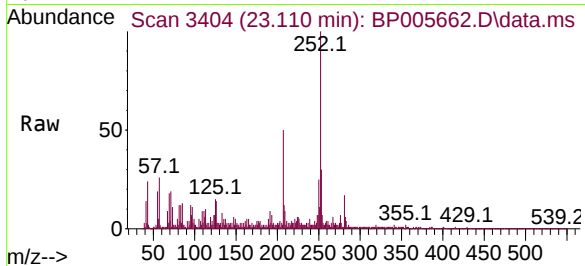




#88
Benzo(b)fluoranthene
Concen: 9.92 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

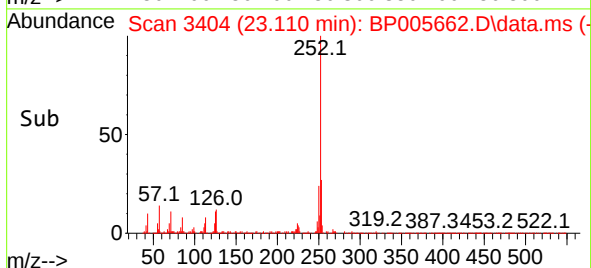
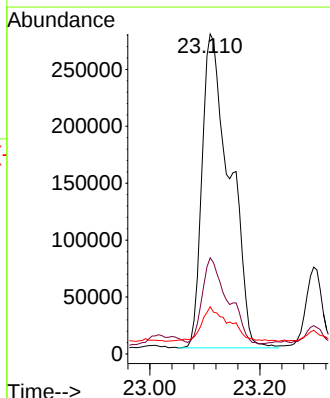
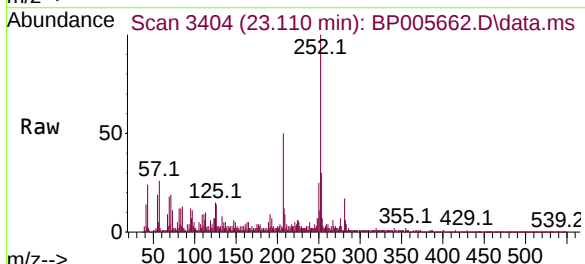
Instrument :
BNA_P
ClientSampleId :
CL-02-052821

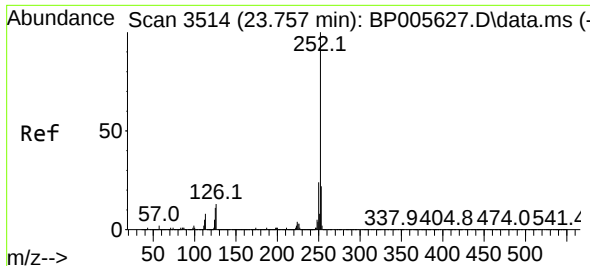
Tgt Ion:252 Resp: 969009
Ion Ratio Lower Upper
252 100
253 30.1 18.2 27.2#
125 14.8 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 10.47 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.059 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:252 Resp: 969009
Ion Ratio Lower Upper
252 100
253 30.1 17.2 25.8#
125 14.8 3.8 5.6#

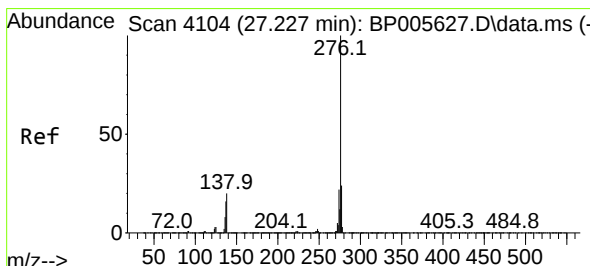
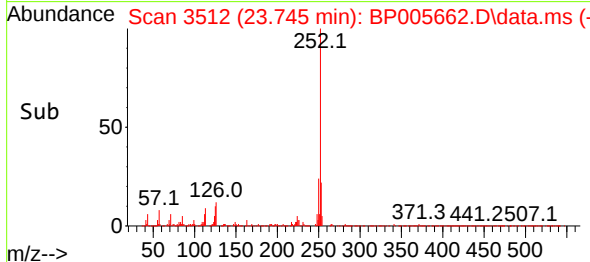
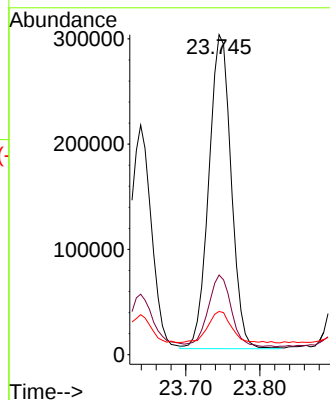
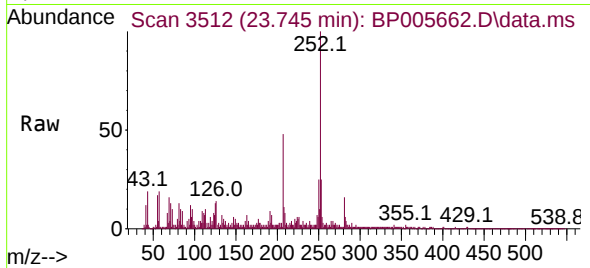




#90
Benzo(a)pyrene
Concen: 7.03 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

Tgt Ion:252 Resp: 625295
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 13.5 3.8 5.6#



#92
Benzo(g,h,i)perylene
Concen: 4.38 ng
RT: 27.209 min Scan# 4101
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:276 Resp: 420326
Ion Ratio Lower Upper
276 100
277 25.9 19.8 29.8
138 22.2 7.7 11.5#

