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 Data File : BP011842.D
 Acq On : 29 Sep 2022 16:25
 Operator : CG/JU
 Sample : N4860-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

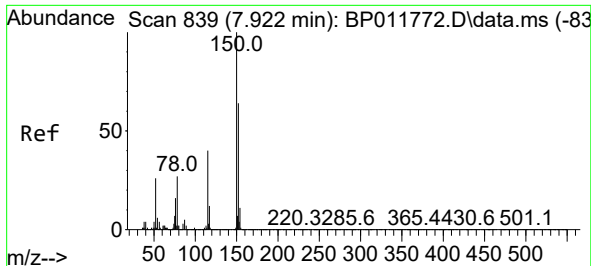
Instrument :
 BNA_P
 ClientSampleId :
 MW-07

Quant Time: Sep 30 04:16:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	493082	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1941114	20.000	ng	# 0.00
39) Acenaphthene-d10	14.563	164	1066152	20.000	ng	# 0.00
64) Phenanthrene-d10	17.322	188	2098273	20.000	ng	0.01
76) Chrysene-d12	21.398	240	2308570	20.000	ng	0.00
86) Perylene-d12	23.833	264	2020439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1997689	71.086	ng	0.00
7) Phenol-d6	7.069	99	1582393	38.082	ng	0.00
23) Nitrobenzene-d5	9.081	82	3442053	92.812	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1816619	253.050	ng	0.02
45) 2-Fluorobiphenyl	13.187	172	6664137	98.847	ng	0.00
79) Terphenyl-d14	19.875	244	7103326	70.749	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.022	117	346436	24.579	ng	# 25
25) Isophorone	9.634	82	160502	2.307	ng	# 1
26) 2-Nitrophenol	9.840	139	16936	4.350	ng	# 1
32) Benzoic acid	10.040	122	2958	6.879	ng	# 1
38) 1-Methylnaphthalene	12.604	142	198349	2.834	ng	# 91
51) 2,6-Dinitrotoluene	14.110	165	41433	2.567	ng	# 84
52) Acenaphthene	14.628	154	279978	4.577	ng	94
53) 3-Nitroaniline	14.469	138	59442	3.007	ng	# 31
54) 2,4-Dinitrophenol	14.663	184	2441	6.988	ng	# 1
55) Dibenzofuran	14.963	168	207587	2.214	ng	# 7
56) 4-Nitrophenol	14.798	139	68496	4.173	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	12931	3.050	ng	# 70
58) Fluorene	15.616	166	511906	6.436	ng	# 87
62) 4-Nitroaniline	15.451	138	63235	4.986	ng	93
65) 4,6-Dinitro-2-methylph...	15.657	198	13385	6.732	ng	# 1
66) n-Nitrosodiphenylamine	15.828	169	1241941	19.864	ng	# 45
69) Atrazine	16.781	200	44132	2.438	ng	# 22
70) Pentachlorophenol	16.922	266	3362	4.626	ng	# 6
72) Anthracene	17.422	178	279750	2.471	ng	# 1
78) Pyrene	19.681	202	923429	5.986	ng	# 90
80) Butylbenzylphthalate	20.492	149	1535	2.702	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.298	149	93346	2.710	ng	# 89

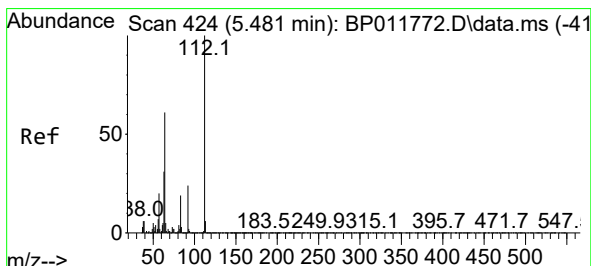
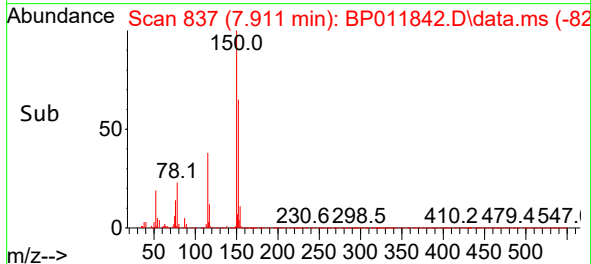
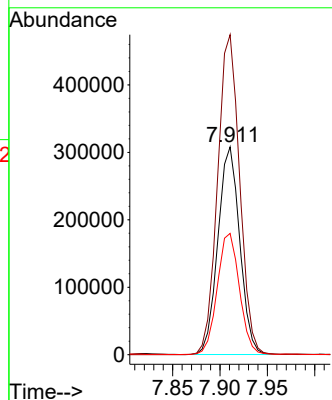
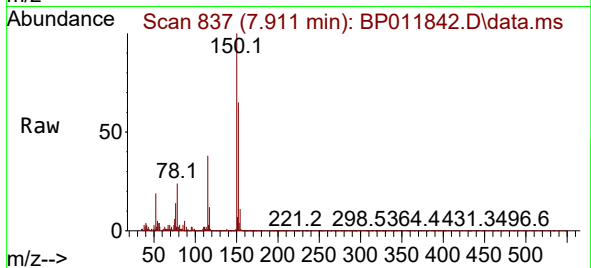
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

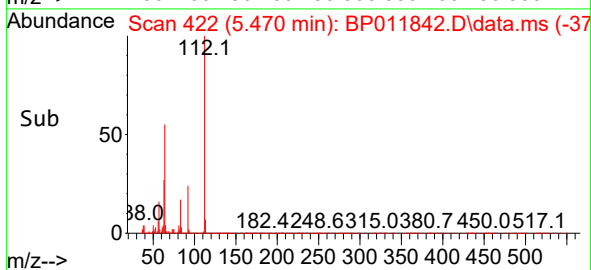
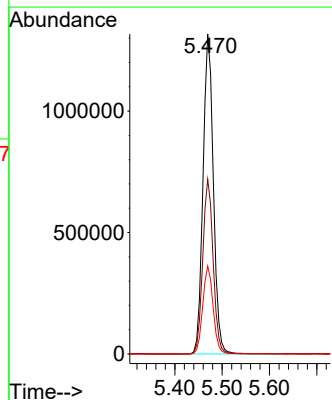
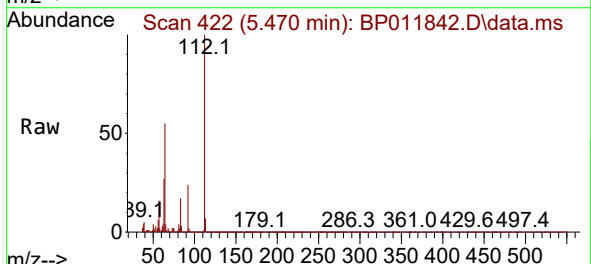
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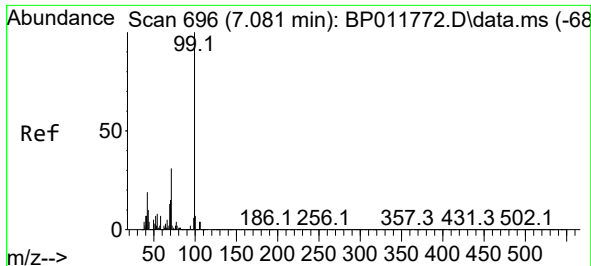
Tgt Ion:152 Resp: 493082
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.4
115 58.4 50.0 75.0



#5
2-Fluorophenol
Concen: 71.086 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:112 Resp: 1997689
Ion Ratio Lower Upper
112 100
64 54.6 49.2 73.8
63 27.4 25.2 37.8

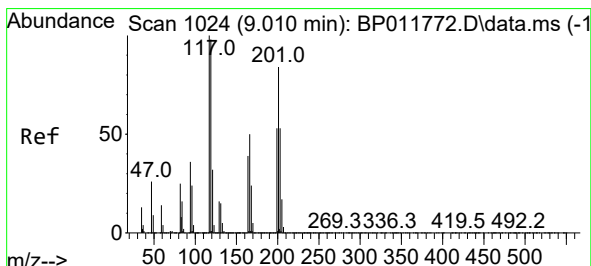
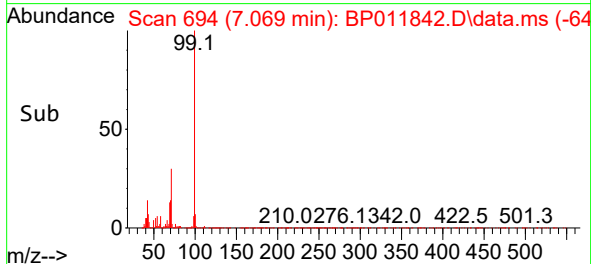
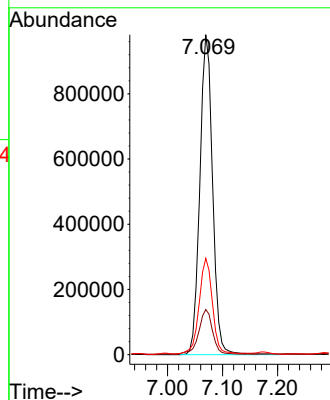
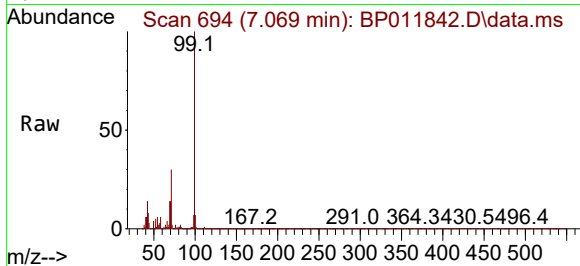




#7
Phenol-d6
Concen: 38.082 ng
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

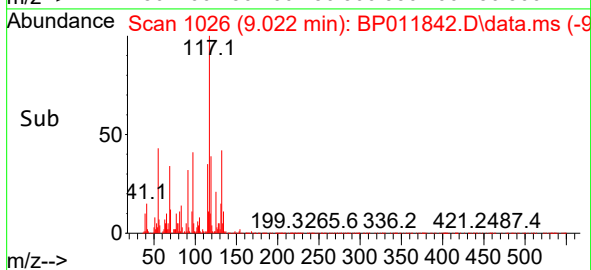
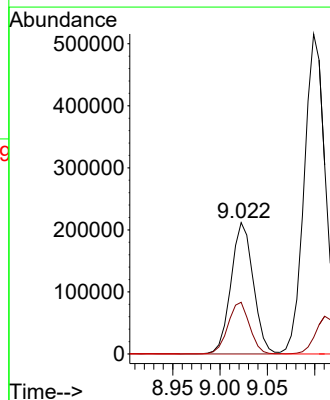
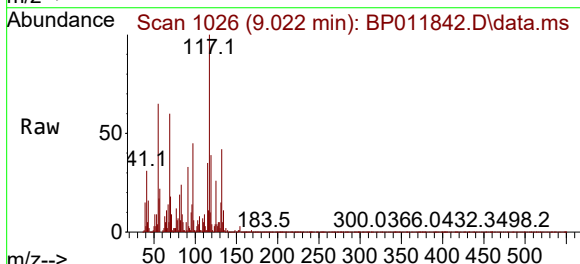
Instrument :
BNA_P
ClientSampleId :
MW-07

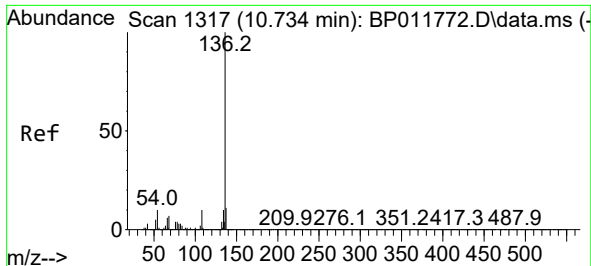
Tgt Ion: 99 Resp: 1582393
Ion Ratio Lower Upper
99 100
42 14.1 15.4 23.2#
71 30.1 24.7 37.1



#18
Hexachloroethane
Concen: 24.579 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.030 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion: 117 Resp: 346436
Ion Ratio Lower Upper
117 100
119 39.3 78.8 118.2#
201 0.0 67.4 101.0#

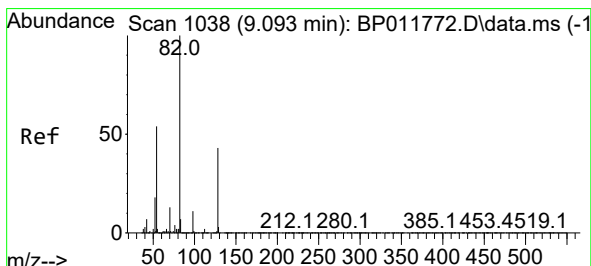
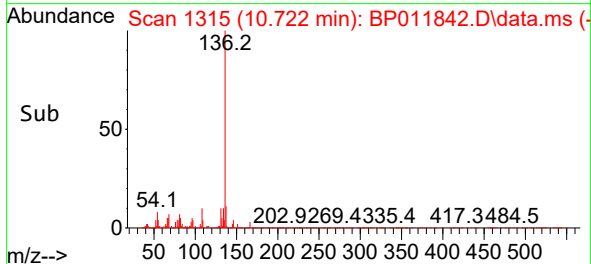
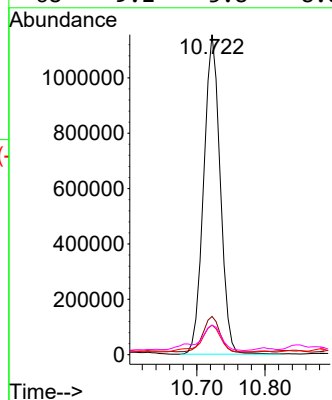
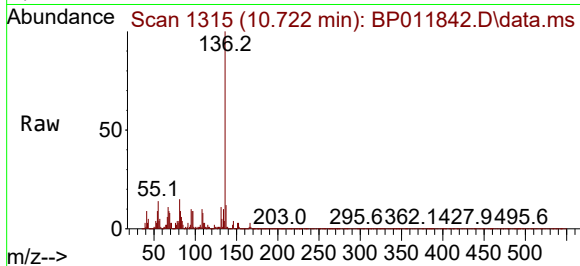




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

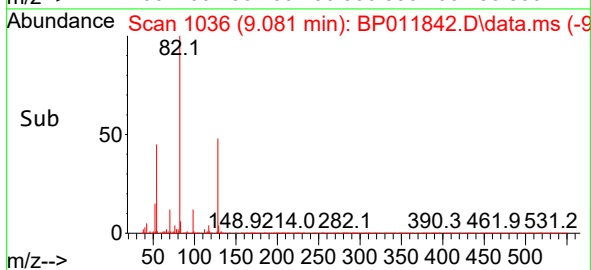
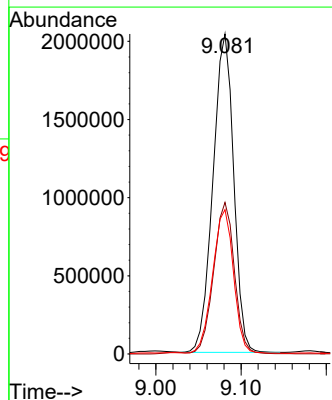
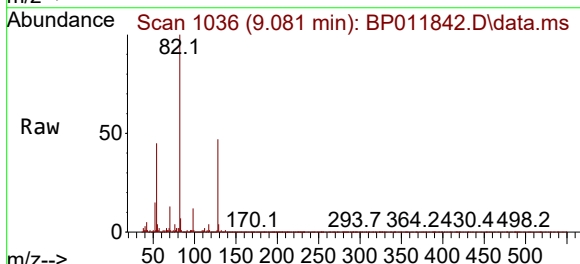
Instrument :
BNA_P
ClientSampleId :
MW-07

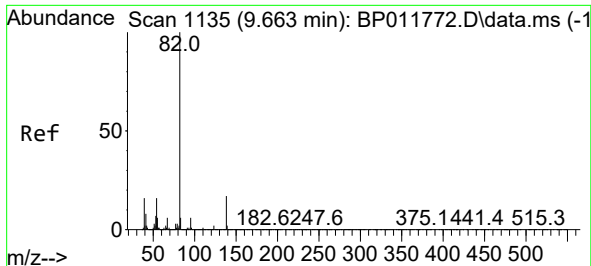
Tgt Ion:136 Resp: 1941114
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 9.2 8.2 12.4
68 9.2 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 92.812 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion: 82 Resp: 3442053
Ion Ratio Lower Upper
82 100
128 47.3 34.2 51.4
54 45.1 43.1 64.7

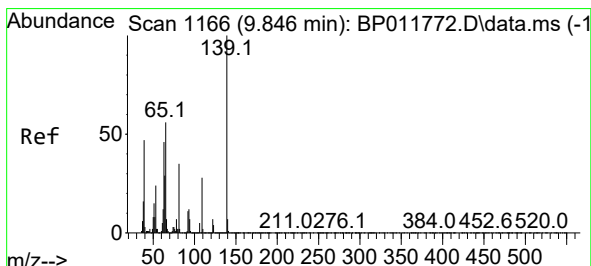
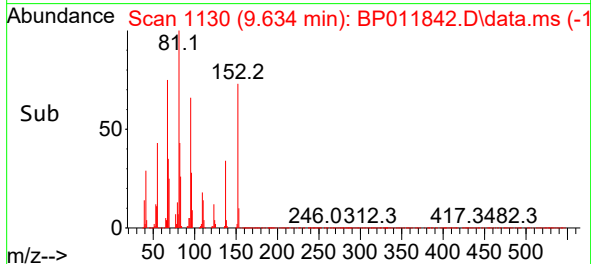
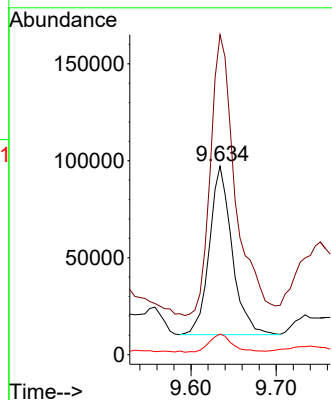
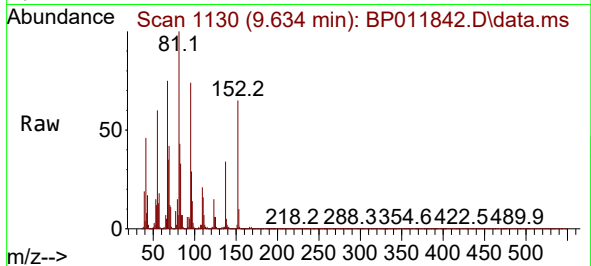




#25
Isophorone
Concen: 2.307 ng
RT: 9.634 min Scan# 1130
Delta R.T. -0.018 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

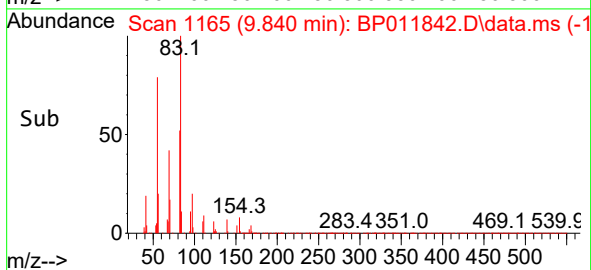
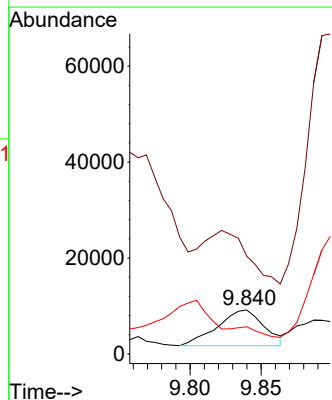
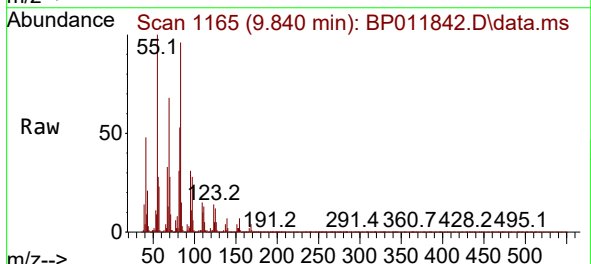
Instrument :
BNA_P
ClientSampleId :
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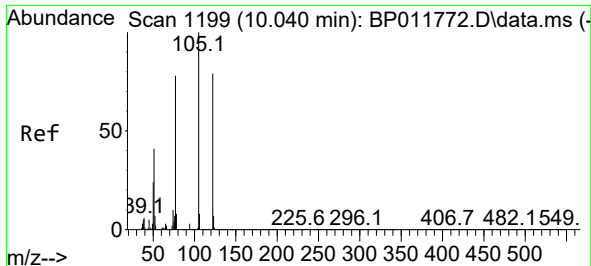
Tgt Ion: 82 Resp: 160502
Ion Ratio Lower Upper
82 100
95 169.8 5.1 7.7#
138 10.9 13.6 20.4#



#26
2-Nitrophenol
Concen: 4.350 ng
RT: 9.840 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:139 Resp: 16936
Ion Ratio Lower Upper
139 100
109 222.3 22.6 34.0#
65 61.8 44.7 67.1

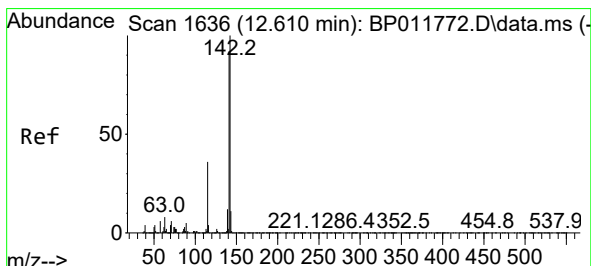
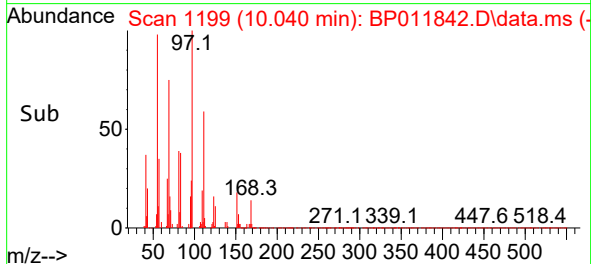
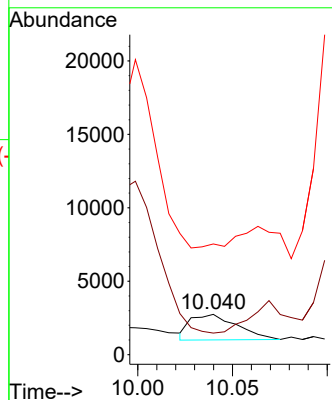
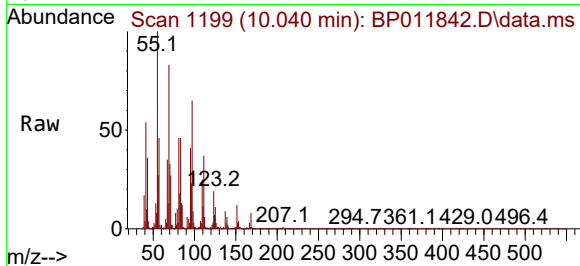




#32
Benzoic acid
Concen: 6.879 ng
RT: 10.040 min Scan# 1199
Delta R.T. 0.024 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

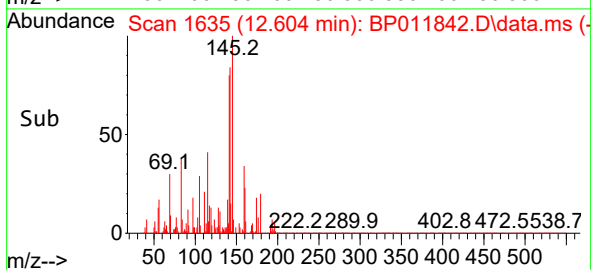
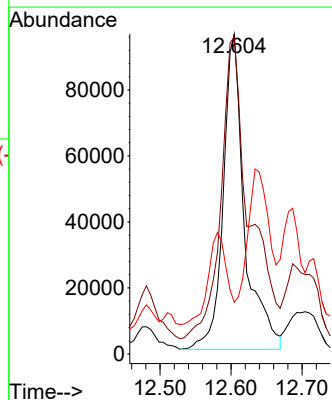
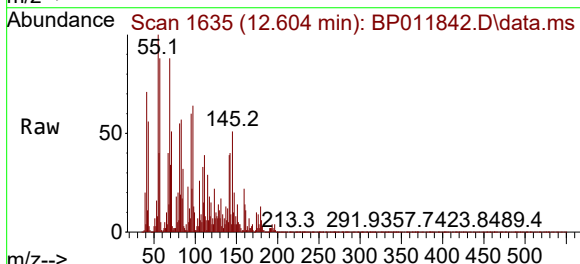
Instrument :
BNA_P
ClientSampleId :
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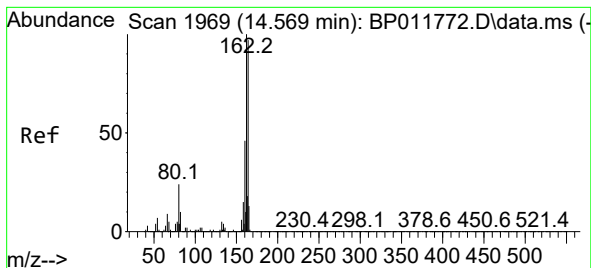
Tgt Ion:122 Resp: 2958
Ion Ratio Lower Upper
122 100
105 53.3 101.0 141.0#
77 274.3 75.9 115.9#



#38
1-Methylnaphthalene
Concen: 2.834 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:142 Resp: 198349
Ion Ratio Lower Upper
142 100
141 99.0 73.4 110.2
116 16.2 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

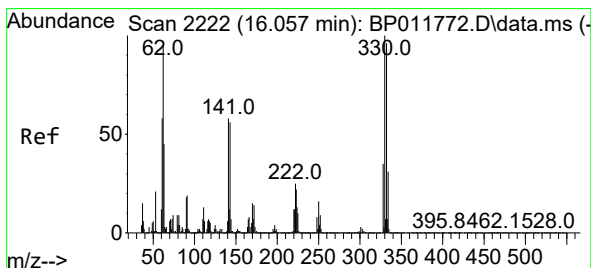
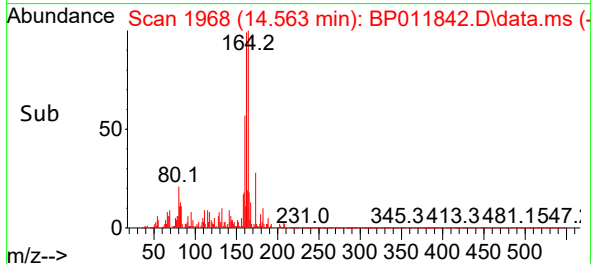
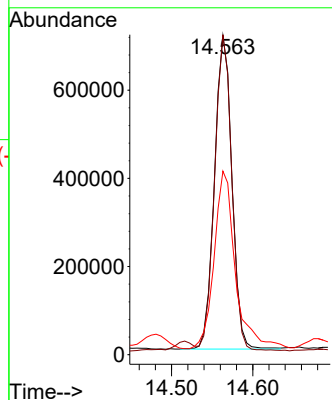
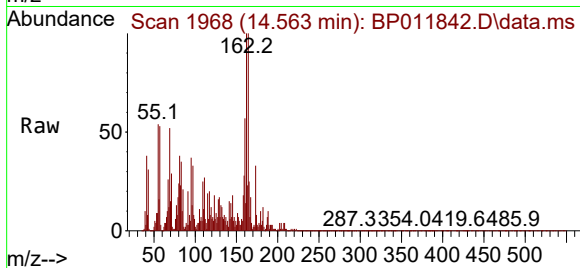
Tgt Ion:164 Resp: 1066152

Ion Ratio Lower Upper

164 100

162 100.3 82.5 123.7

160 57.5 37.8 56.6#



#42

2,4,6-Tribromophenol

Concen: 253.050 ng

RT: 16.063 min Scan# 2223

Delta R.T. 0.018 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

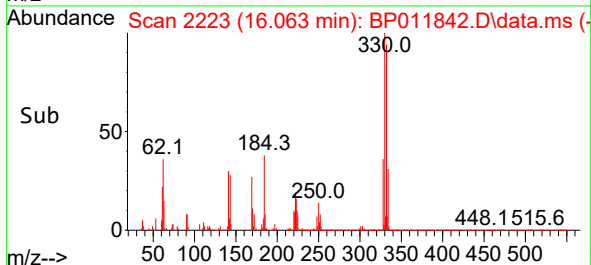
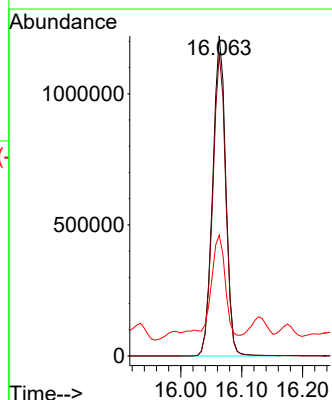
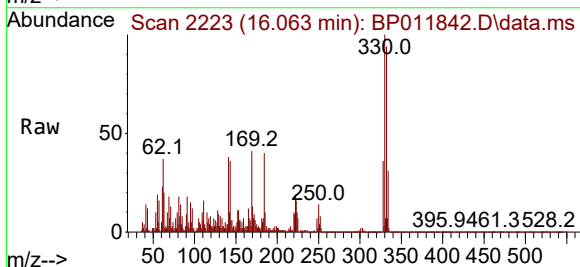
Tgt Ion:330 Resp: 1816619

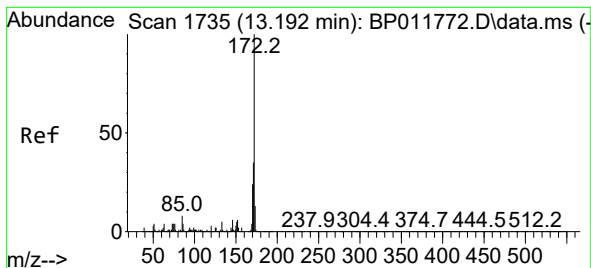
Ion Ratio Lower Upper

330 100

332 94.7 76.6 114.8

141 33.1 48.7 73.1#





#45

2-Fluorobiphenyl

Concen: 98.847 ng

RT: 13.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011842.D

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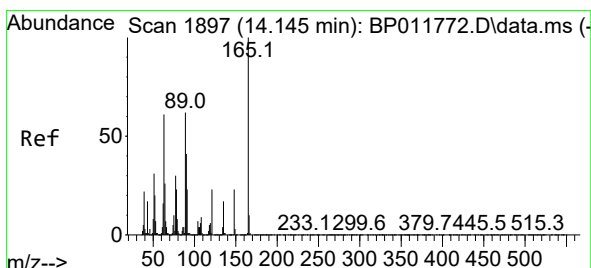
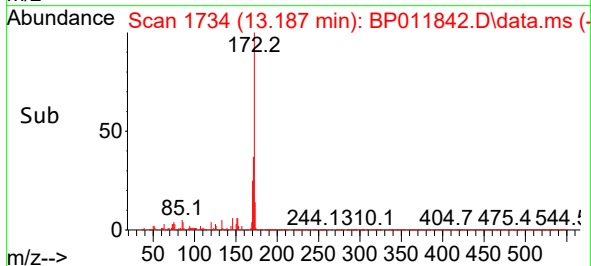
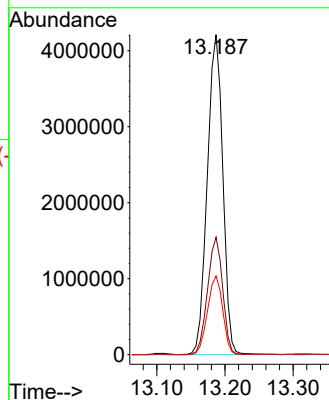
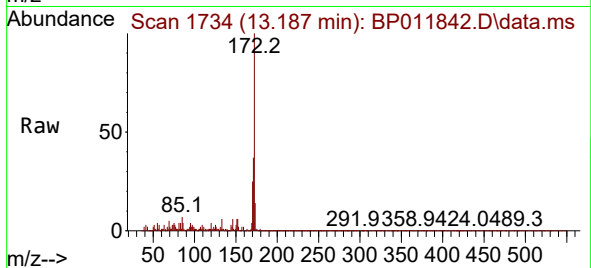
Tgt Ion:172 Resp: 6664137

Ion Ratio Lower Upper

172 100

171 36.7 27.9 41.9

170 24.6 19.5 29.3



#51

2,6-Dinitrotoluene

Concen: 2.567 ng

RT: 14.110 min Scan# 1891

Delta R.T. -0.023 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

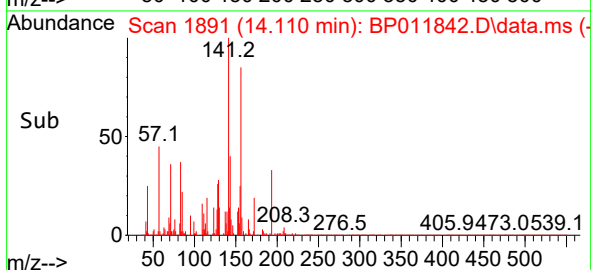
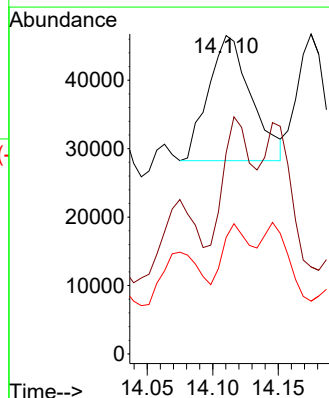
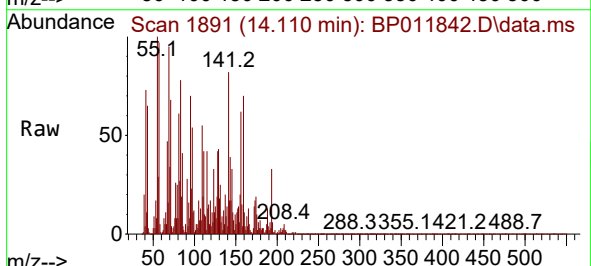
Tgt Ion:165 Resp: 41433

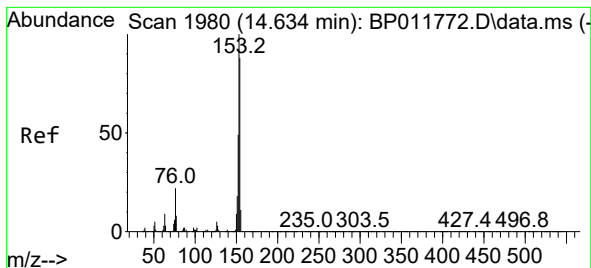
Ion Ratio Lower Upper

165 100

63 63.1 51.0 76.4

89 36.6 49.3 73.9#





#52

Acenaphthene

Concen: 4.577 ng

RT: 14.628 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

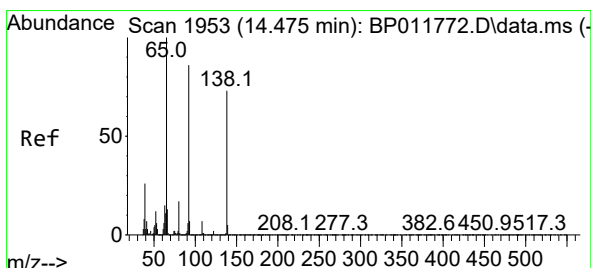
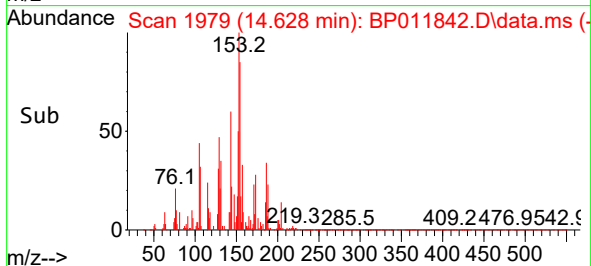
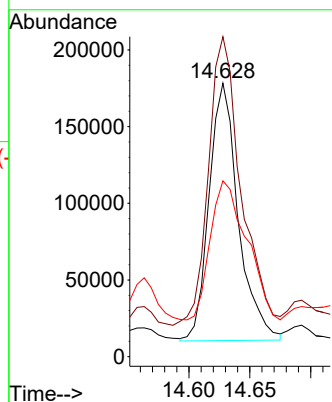
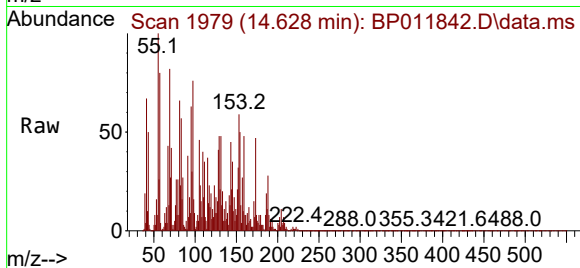
Tgt Ion:154 Resp: 279978

Ion Ratio Lower Upper

154 100

153 117.1 90.8 136.2

152 64.3 44.6 66.8



#53

3-Nitroaniline

Concen: 3.007 ng

RT: 14.469 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

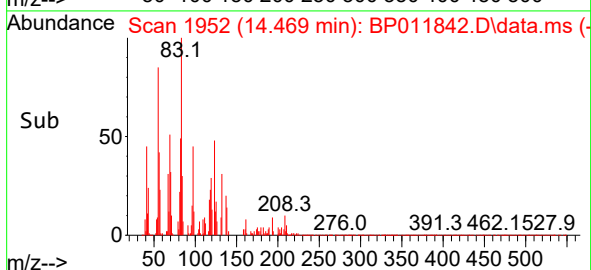
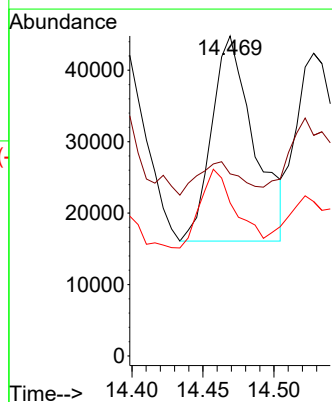
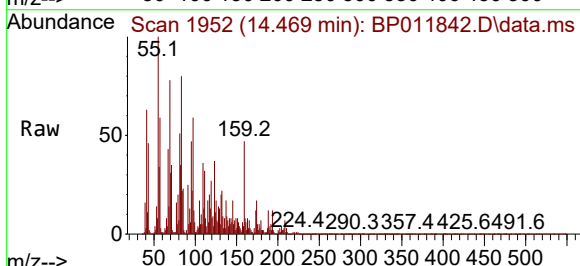
Tgt Ion:138 Resp: 59442

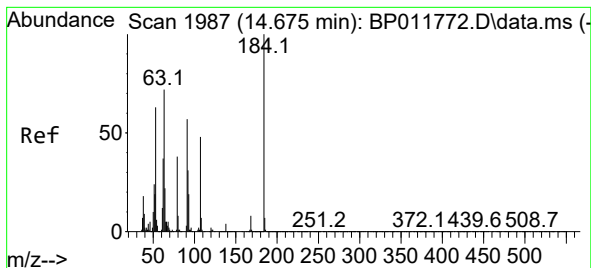
Ion Ratio Lower Upper

138 100

108 56.9 7.6 11.4#

92 47.8 94.6 142.0#

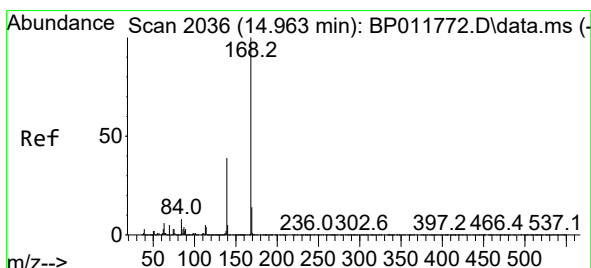
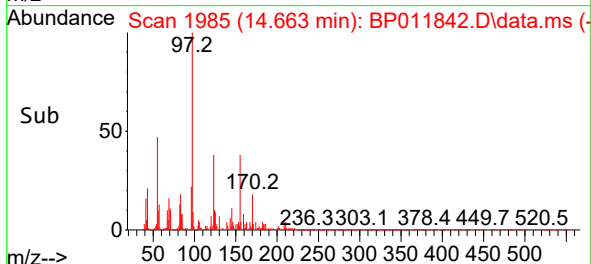
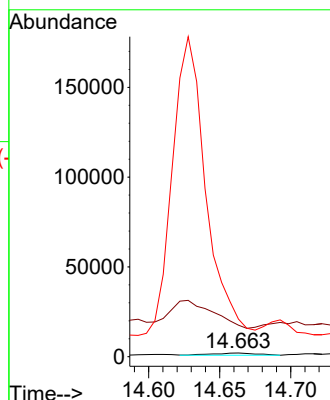
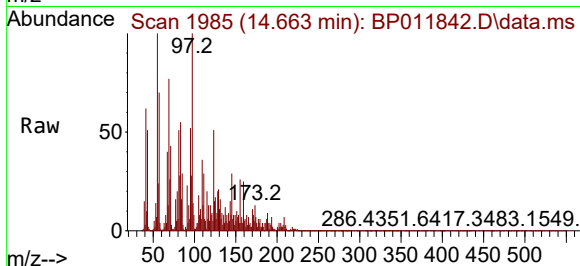




#54
2,4-Dinitrophenol
Concen: 6.988 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

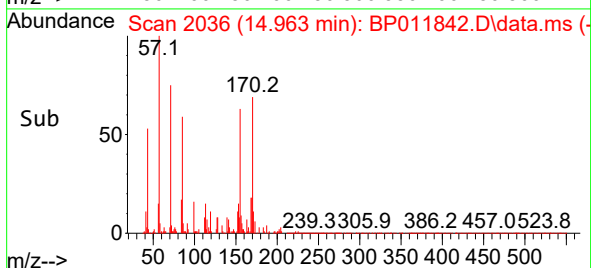
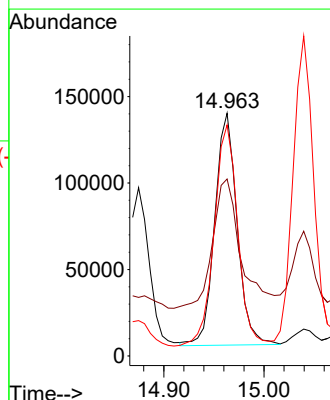
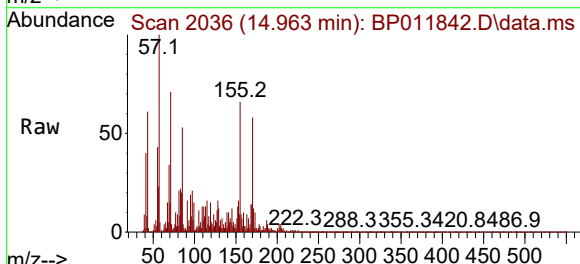
Instrument :
BNA_P
ClientSampleId :
MW-07

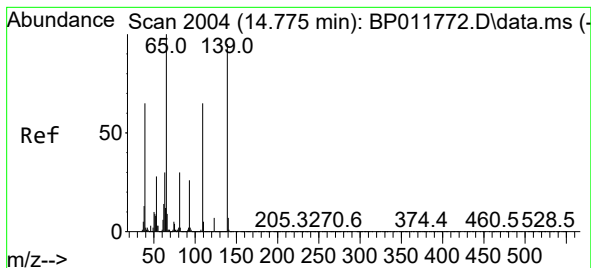
Tgt Ion:184 Resp: 2441
Ion Ratio Lower Upper
184 100
63 862.5 65.7 98.5#
154 1029.7 48.2 72.4#



#55
Dibenzofuran
Concen: 2.214 ng
RT: 14.963 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:168 Resp: 207587
Ion Ratio Lower Upper
168 100
139 72.9 31.3 46.9#
169 95.2 11.0 16.4#

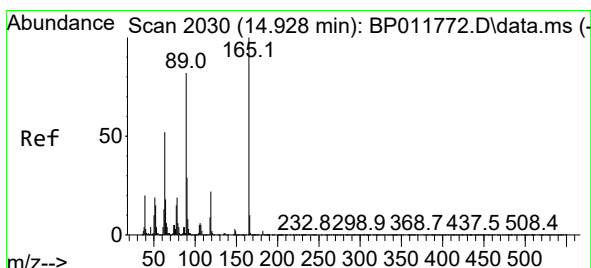
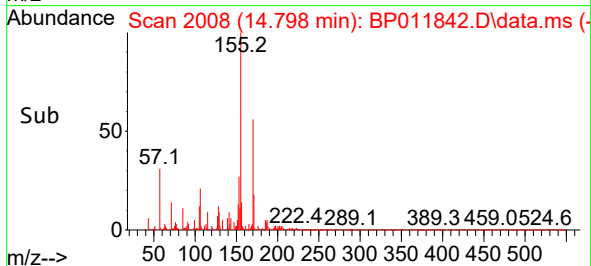
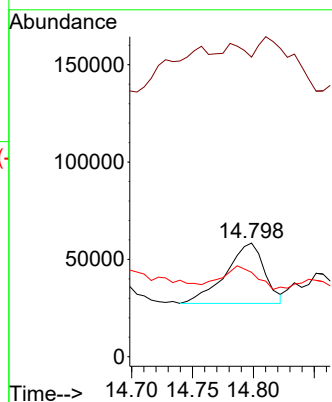
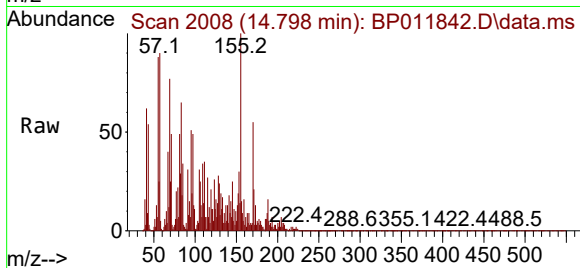




#56
4-Nitrophenol
Concen: 4.173 ng
RT: 14.798 min Scan# 2008
Delta R.T. 0.035 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

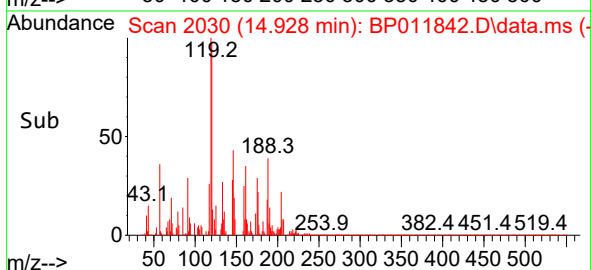
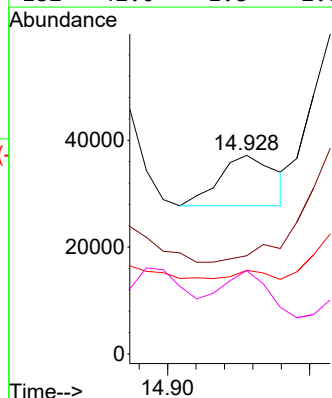
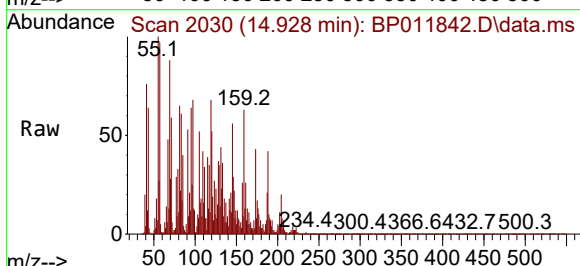
Instrument :
BNA_P
ClientSampleId :
MW-07

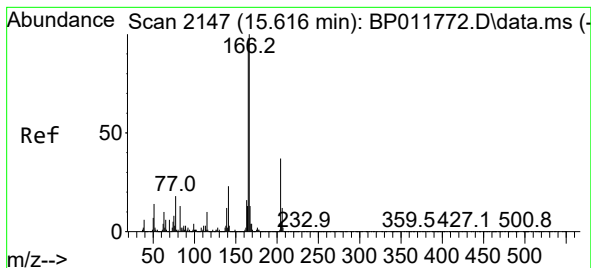
Tgt Ion:139 Resp: 68496
Ion Ratio Lower Upper
139 100
109 263.8 48.3 88.3#
65 74.2 85.0 125.0#



#57
2,4-Dinitrotoluene
Concen: 3.050 ng
RT: 14.928 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:165 Resp: 12931
Ion Ratio Lower Upper
165 100
63 49.5 41.4 62.2
89 42.2 66.0 99.0#
182 42.0 1.8 2.8#





#58

Fluorene

Concen: 6.436 ng

RT: 15.616 min Scan# 2147

Delta R.T. 0.012 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

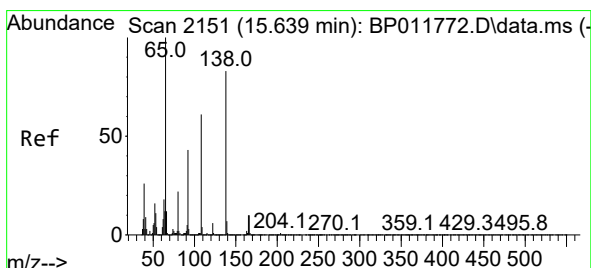
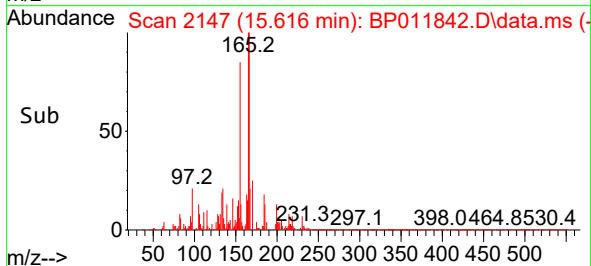
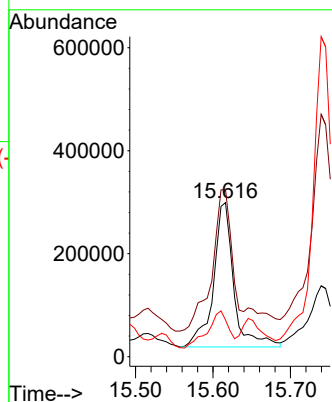
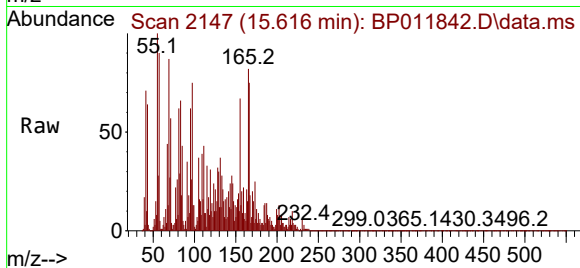
Tgt Ion:166 Resp: 511906

Ion Ratio Lower Upper

166 100

165 108.7 78.2 117.4

167 23.9 10.7 16.1#



#62

4-Nitroaniline

Concen: 4.986 ng

RT: 15.451 min Scan# 2119

Delta R.T. -0.176 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

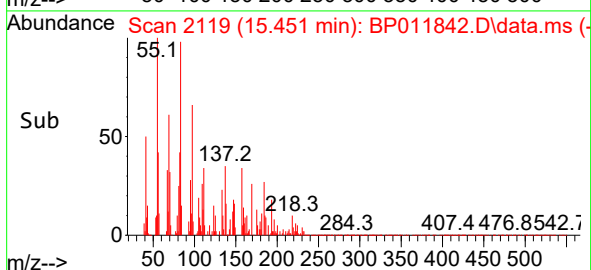
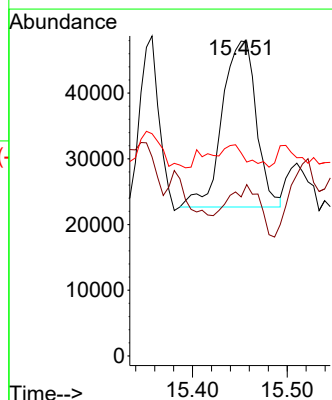
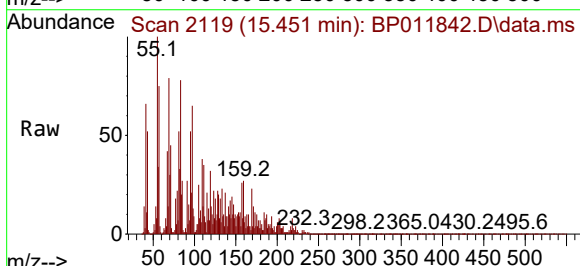
Tgt Ion:138 Resp: 63235

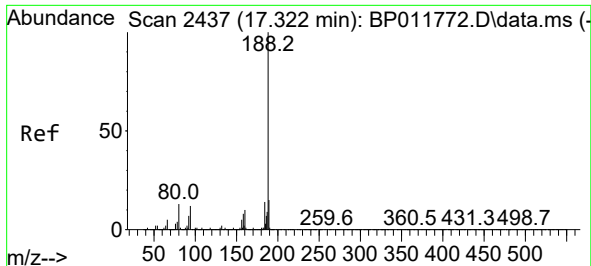
Ion Ratio Lower Upper

138 100

92 50.5 31.9 71.9

108 64.5 53.3 93.3

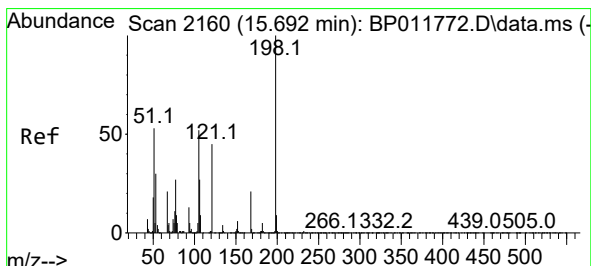
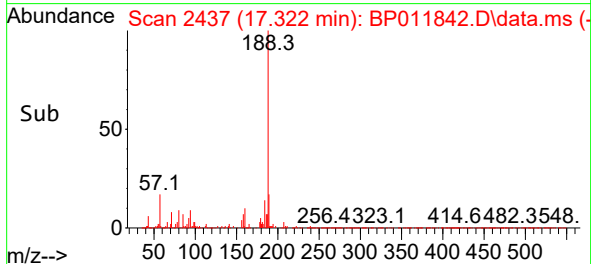
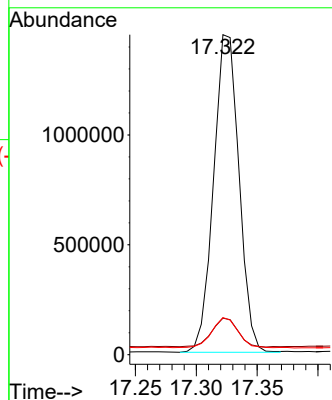
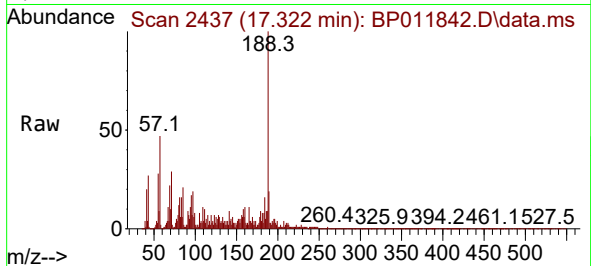




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2437
Delta R.T. 0.012 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

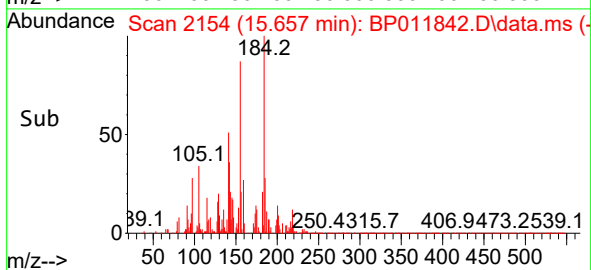
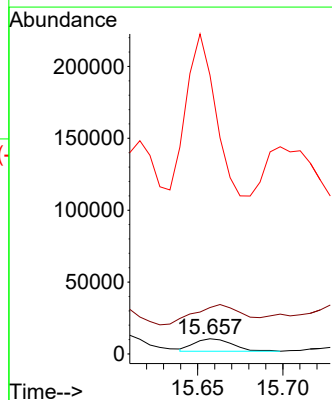
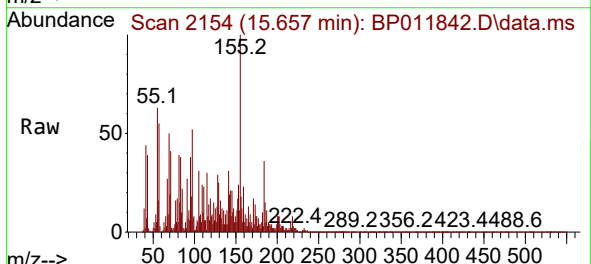
Instrument :
BNA_P
ClientSampleId :
MW-07

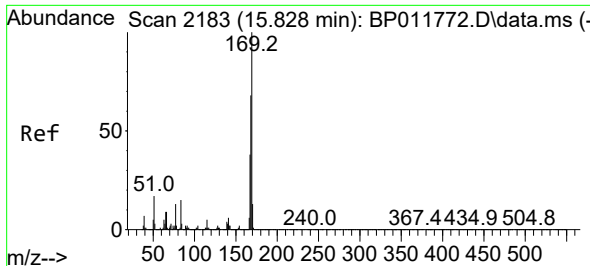
Tgt Ion:188 Resp: 2098273
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.0
80 11.6 10.6 15.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.732 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.023 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:198 Resp: 13385
Ion Ratio Lower Upper
198 100
51 304.8 41.6 81.6#
105 1829.5 33.2 73.2#

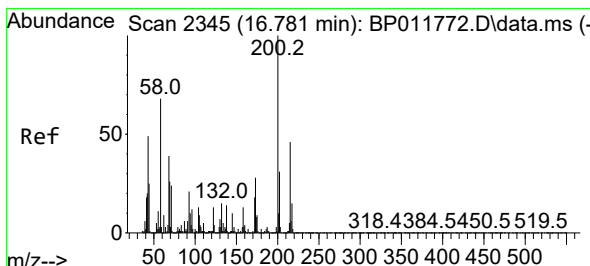
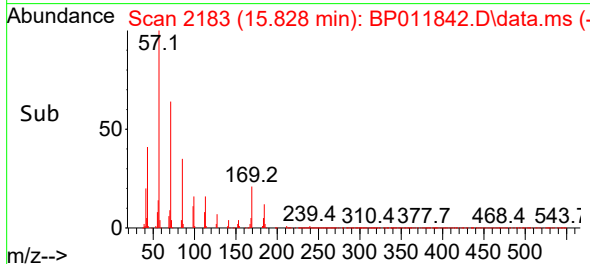
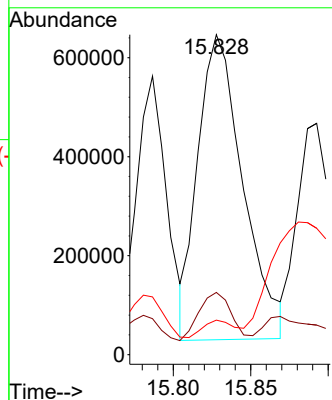
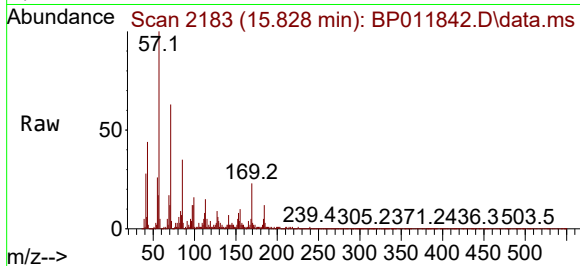




#66
n-Nitrosodiphenylamine
Concen: 19.864 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

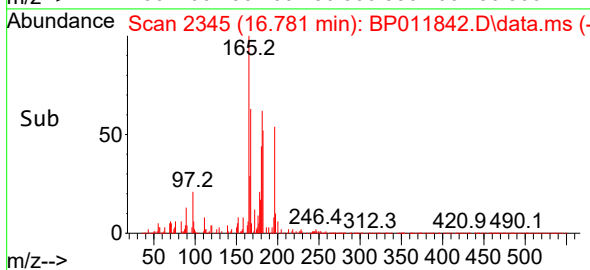
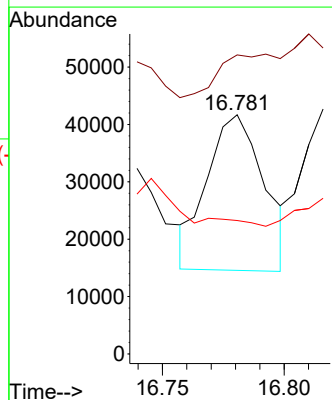
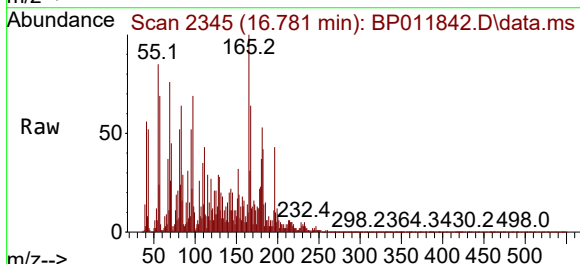
Instrument :
BNA_P
ClientSampleId :
MW-07

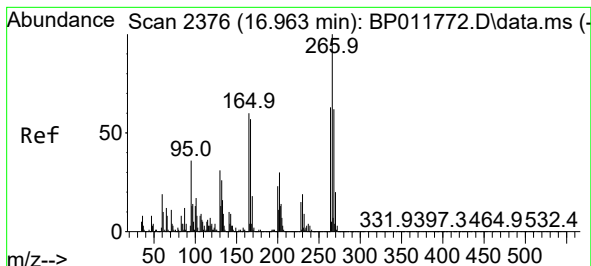
Tgt Ion:169 Resp: 1241941
Ion Ratio Lower Upper
169 100
168 19.5 54.5 81.7#
167 10.8 30.1 45.1#



#69
Atrazine
Concen: 2.438 ng
RT: 16.781 min Scan# 2345
Delta R.T. 0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:200 Resp: 44132
Ion Ratio Lower Upper
200 100
173 125.1 8.5 48.5#
215 55.8 26.3 66.3





#70

Pentachlorophenol

Concen: 4.626 ng

RT: 16.922 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

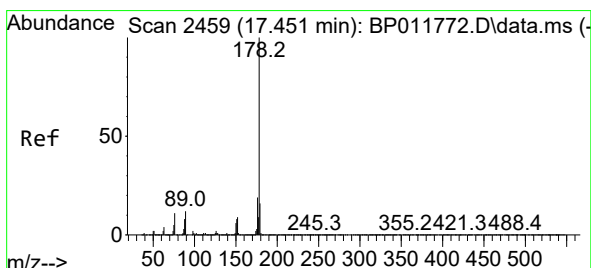
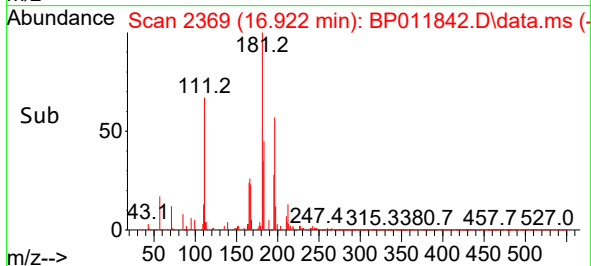
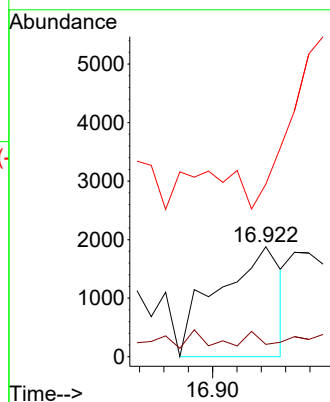
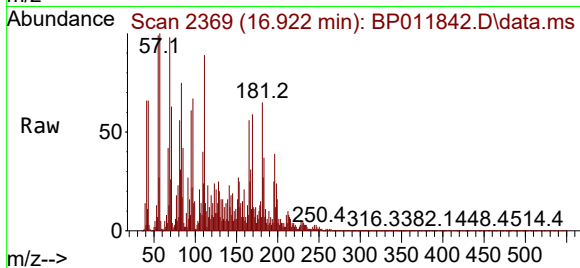
Tgt Ion:266 Resp: 3362

Ion Ratio Lower Upper

266 100

268 11.2 49.7 74.5#

264 156.9 50.6 75.8#



#72

Anthracene

Concen: 2.471 ng

RT: 17.422 min Scan# 2454

Delta R.T. -0.023 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

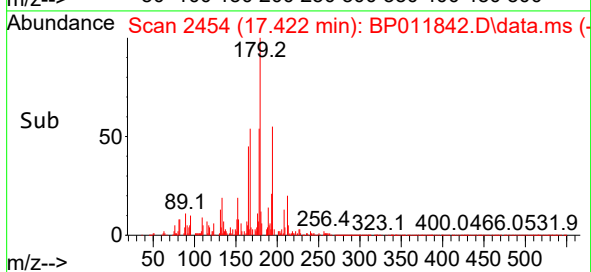
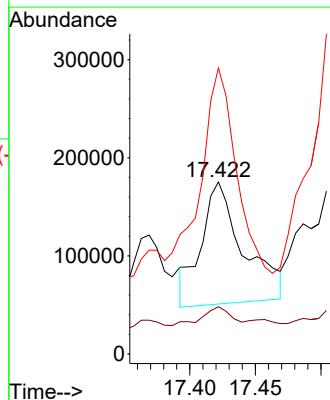
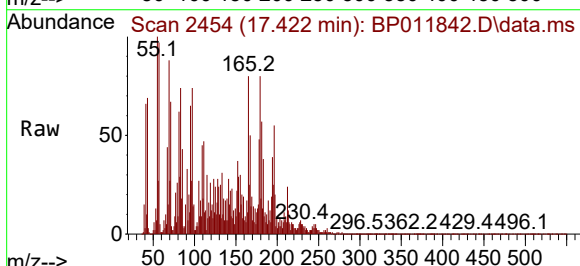
Tgt Ion:178 Resp: 279750

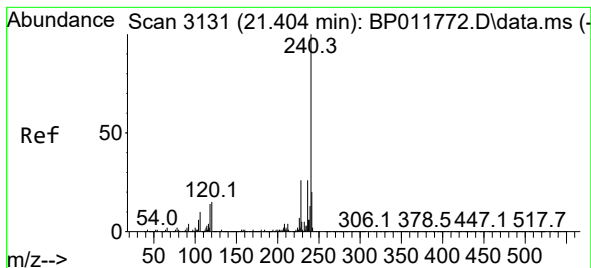
Ion Ratio Lower Upper

178 100

176 27.4 15.5 23.3#

179 166.3 12.7 19.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

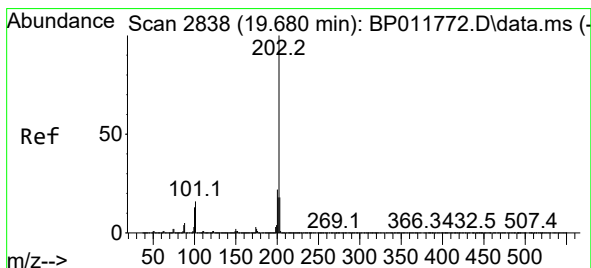
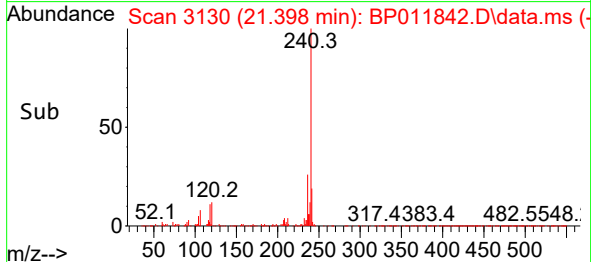
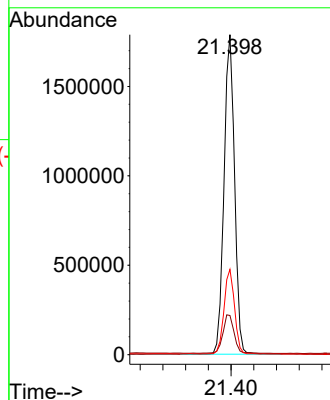
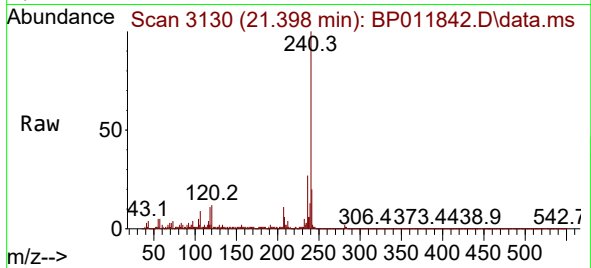
Tgt Ion:240 Resp: 2308570

Ion Ratio Lower Upper

240 100

120 12.3 12.0 18.0

236 26.7 21.1 31.7



#78

Pyrene

Concen: 5.986 ng

RT: 19.681 min Scan# 2838

Delta R.T. 0.012 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

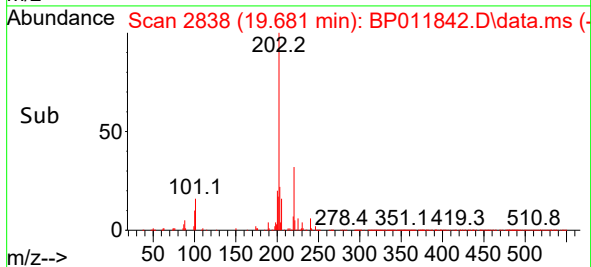
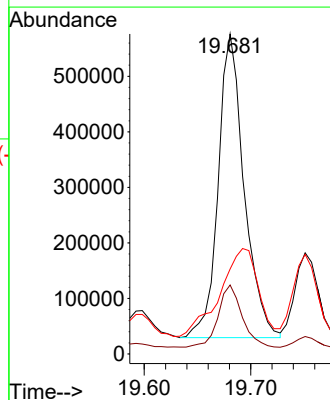
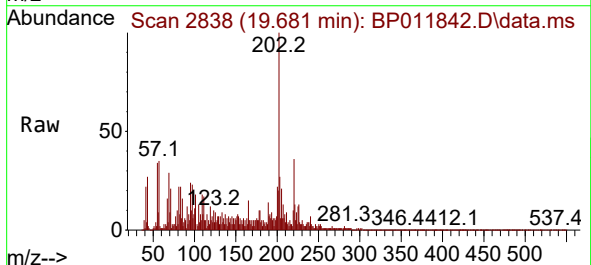
Tgt Ion:202 Resp: 923429

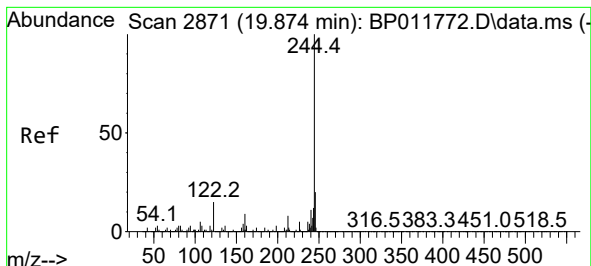
Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

203 26.6 14.3 21.5#





#79

Terphenyl-d14

Concen: 70.749 ng

RT: 19.875 min Scan# 2871

Delta R.T. 0.006 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

Instrument :

BNA_P

ClientSampleId :

MW-07

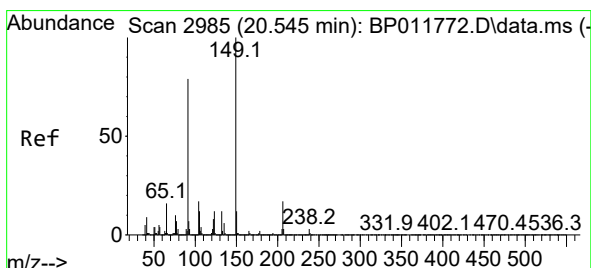
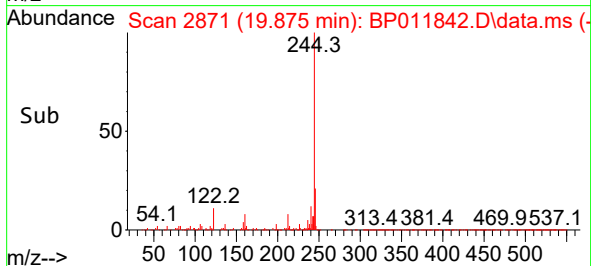
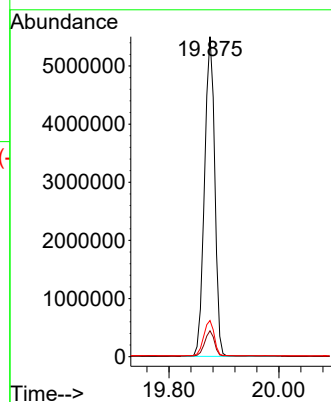
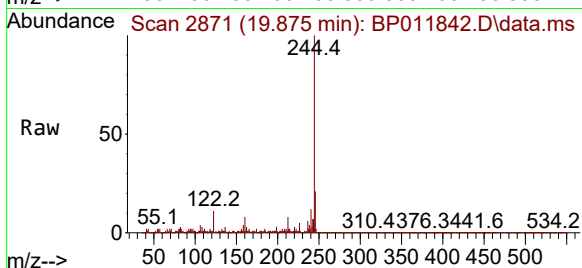
Tgt Ion:244 Resp: 7103326

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 11.3 11.8 17.8#



#80

Butylbenzylphthalate

Concen: 2.702 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.047 min

Lab File: BP011842.D

Acq: 29 Sep 2022 16:25

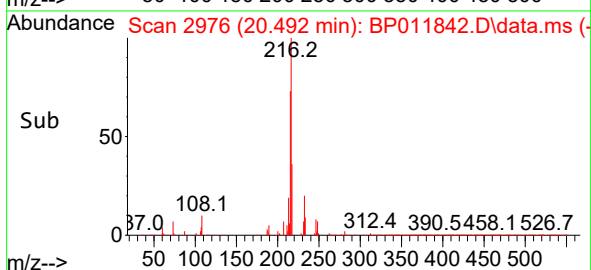
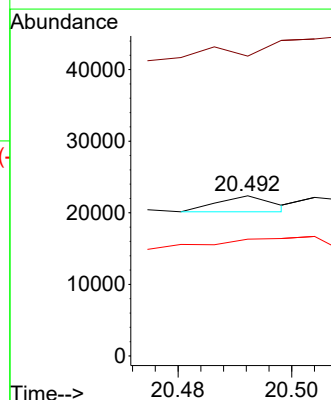
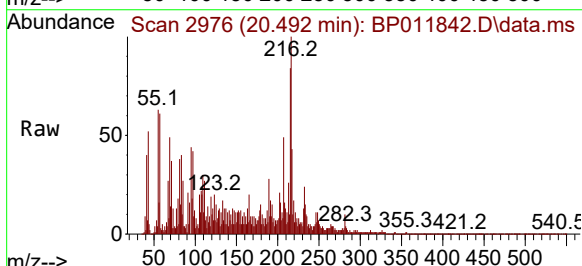
Tgt Ion:149 Resp: 1535

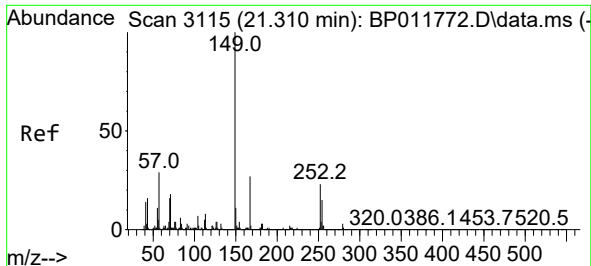
Ion Ratio Lower Upper

149 100

91 187.1 63.1 94.7#

206 72.9 13.6 20.4#

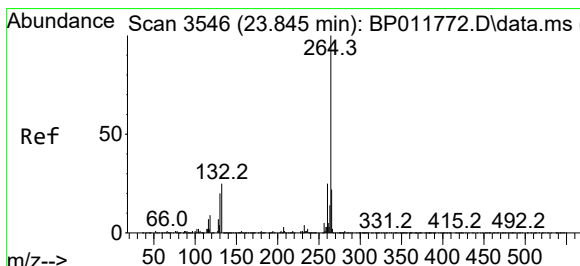
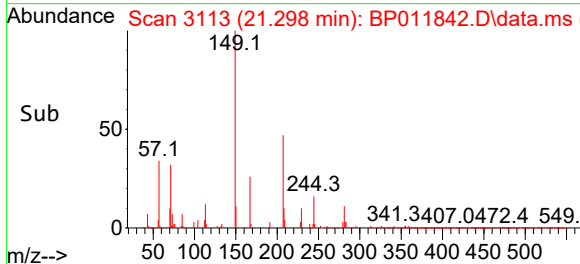
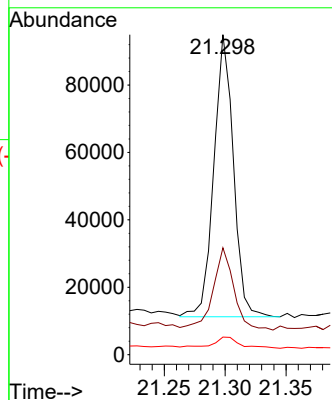
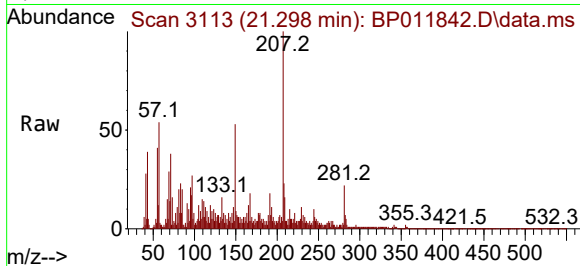




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.710 ng
RT: 21.298 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Instrument :
BNA_P
ClientSampleId :
MW-07

Tgt Ion:149 Resp: 93346
Ion Ratio Lower Upper
149 100
167 33.4 21.8 32.6#
279 5.5 2.5 3.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BP011842.D
Acq: 29 Sep 2022 16:25

Tgt Ion:264 Resp: 2020439
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 22.0 17.8 26.8

