

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103123\
 Data File : BP017827.D
 Acq On : 31 Oct 2023 11:58
 Operator : MA/JU
 Sample : 04944-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4A84

Quant Time: Nov 03 09:49:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	124128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	466209	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.581	164	274806	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	574991	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	516501	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	521436	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	23443	7.026	ng/uL	0.01
4) Pyridine-d5	3.705	84	298741	34.197	ng/ul	0.01
7) Phenol-d5	7.046	99	399034	38.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	252024	39.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	324874	38.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	303962	37.473	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	150537	39.848	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143	172222	41.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	310568	37.930	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.887	131	329278	30.730	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	861215	37.332	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	997441	38.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	108794	33.098	ng/ul	0.00
60) Fluorene-d10	15.586	176	746022	37.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	139405	36.808	ng/ul	0.00
73) Anthracene-d10	17.475	188	1134343	38.605	ng/ul	0.00
81) Pyrene-d10	19.733	212	1287185	39.750	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	1124367	38.715	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	22381	6.324	ng/uL#	89
6) Benzaldehyde	7.046	77	112083	20.171	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.322	93	587020	69.086	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	167650	27.716	ng/ul	97
22) Nitrobenzene	9.128	77	145405	15.458	ng/ul	95
25) 2-Nitrophenol	9.834	139	130718	29.339	ng/ul#	84
29) 2,4-Dichlorophenol	10.357	162	227142	29.011	ng/ul	97
30) Naphthalene	10.763	128	390747	14.564	ng/ul	99
33) Hexachlorobutadiene	10.981	225	189613	29.826	ng/ul	99
36) 2-Methylnaphthalene	12.381	142	506049	27.923	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	788931	42.566	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	127846	12.573	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	299369	51.243	ng/ul	97
41) 2,4,6-Trichlorophenol	12.998	196	290762	47.645	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	1322872	58.431	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	252602	13.802	ng/ul	97
48) 2,6-Dinitrotoluene	14.198	165	207277	49.531	ng/ul	90
50) Acenaphthylene	14.304	152	538048	18.671	ng/ul	99
52) Acenaphthene	14.645	153	272245	13.975	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	142971	60.860	ng/ul#	83
56) Dibenzofuran	14.981	168	376152	13.752	ng/ul	91
61) Fluorene	15.639	166	335921	14.952	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.633	204	258021	21.607	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.745	198	244005	60.150	ng/ul#	89

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

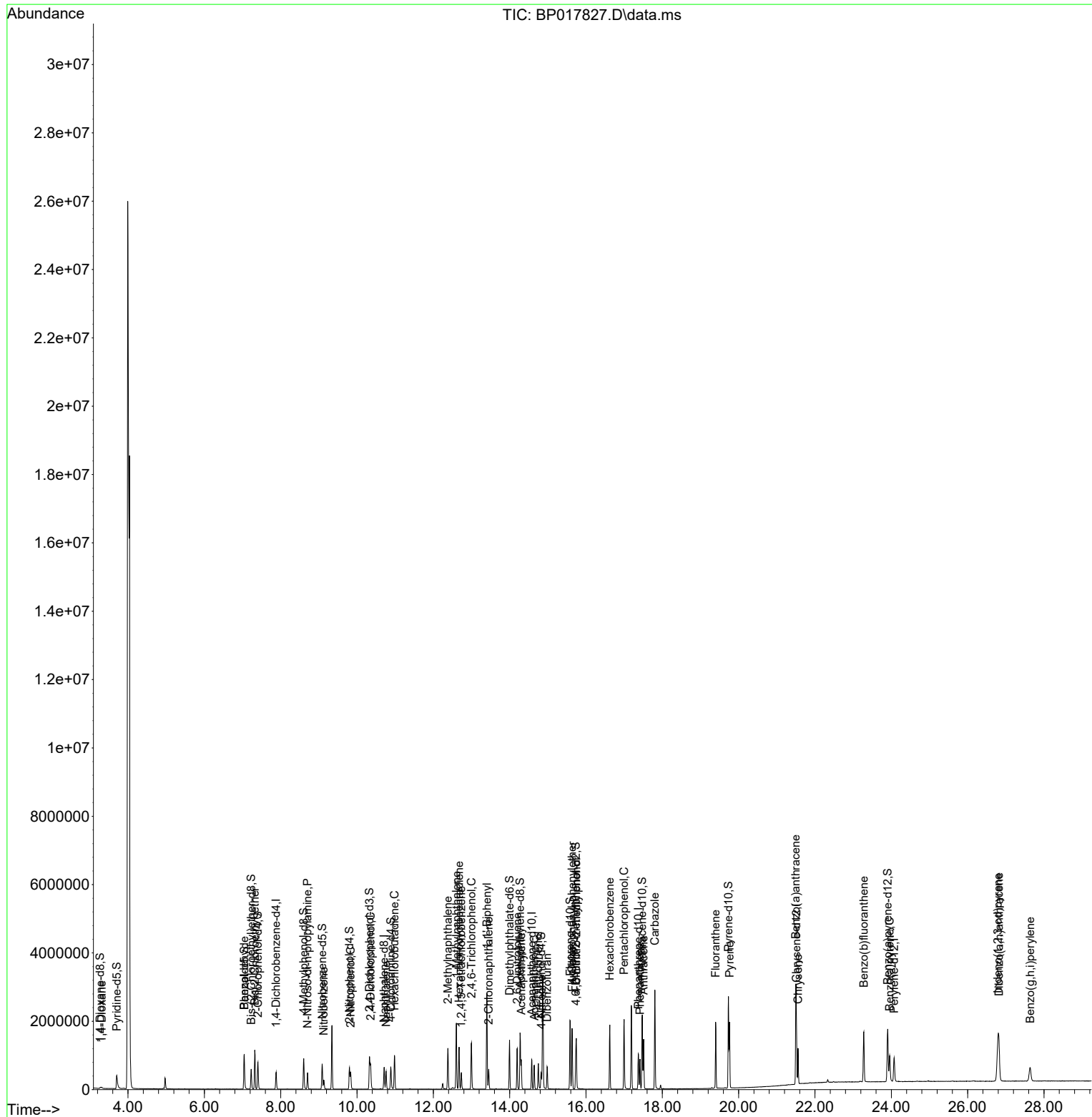
69) Hexachlorobenzene	16.622	284	308079	39.888	ng/ul#	86
71) Pentachlorophenol	16.998	266	287792	61.977	ng/ul	99
72) Phenanthrene	17.416	178	479993	14.250	ng/ul	99
74) Anthracene	17.510	178	844889	24.766	ng/ul	99
77) Carbazole	17.804	167	1671589	57.975	ng/ul	98
80) Fluoranthene	19.398	202	1056800	28.405	ng/ul	97
82) Pyrene	19.763	202	1067162	27.074	ng/ul	99
85) Benzo(a)anthracene	21.498	228	1426480	36.329	ng/ul	99
87) Chrysene	21.557	228	513937	13.841	ng/ul	99
90) Benzo(b)fluoranthene	23.280	252	1029635	29.014	ng/ul	99
93) Benzo(a)pyrene	23.957	252	588735	17.671	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.792	276	1426714	35.932	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	1007553	30.412	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	519352	16.234	ng/ul	97

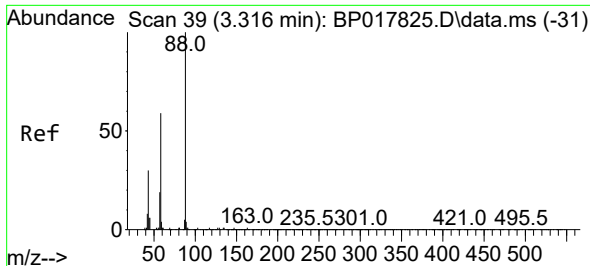
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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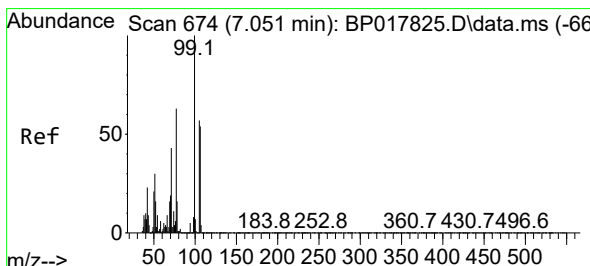
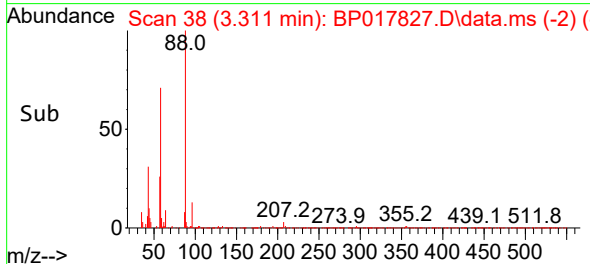
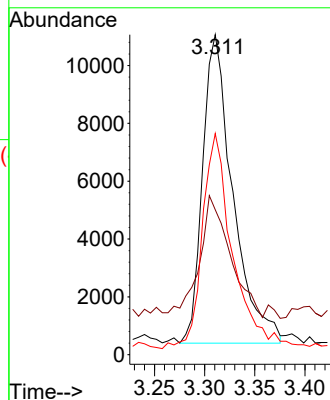
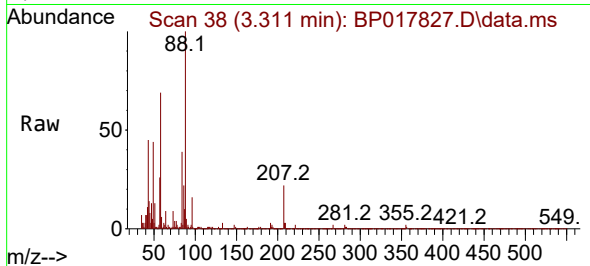




#2
1,4-Dioxane
Concen: 6.324 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

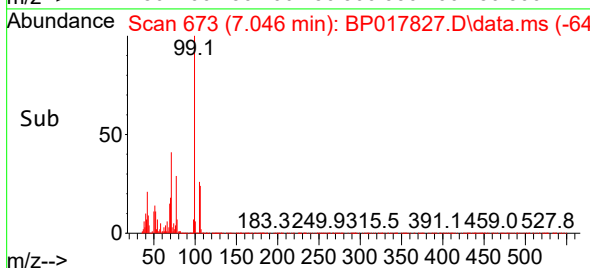
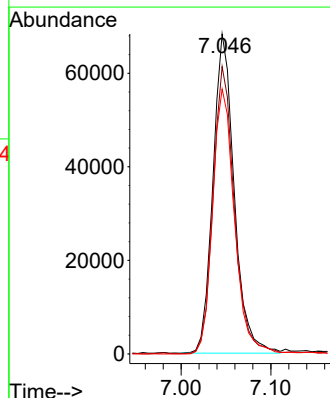
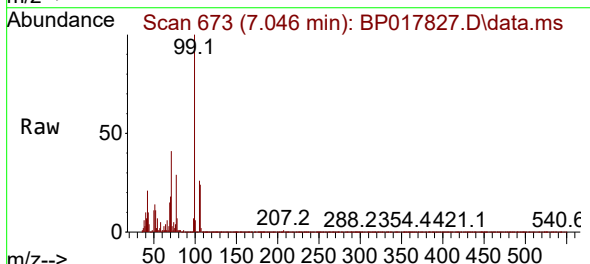
Instrument :
BNA_P
ClientSampleId :
A4A84

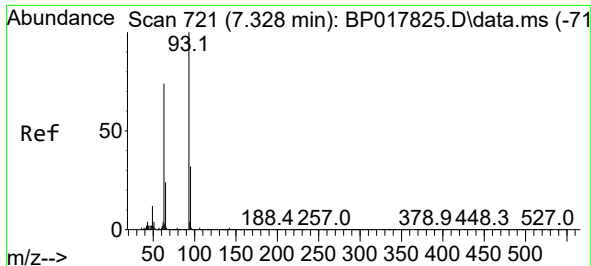
Tgt Ion: 88 Resp: 22381
Ion Ratio Lower Upper
88 100
43 45.3 24.4 36.6#
58 69.1 53.0 79.6



#6
Benzaldehyde
Concen: 20.171 ng/uL
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion: 77 Resp: 112083
Ion Ratio Lower Upper
77 100
105 89.8 75.4 113.2
106 82.8 72.3 108.5

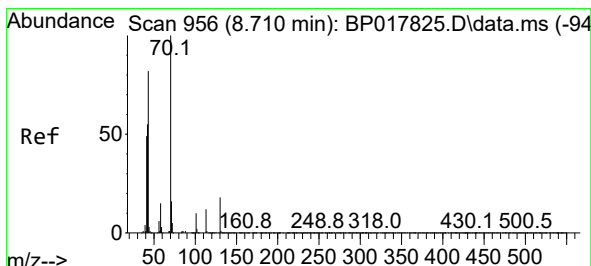
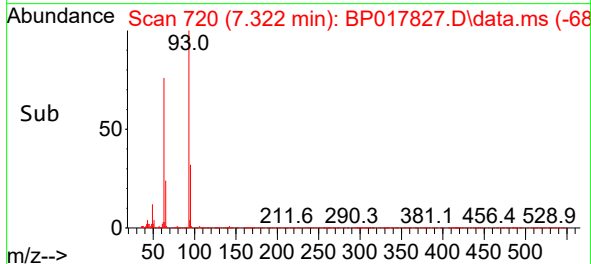
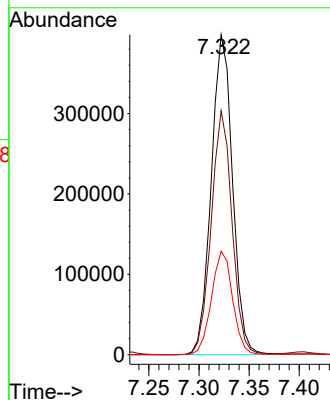
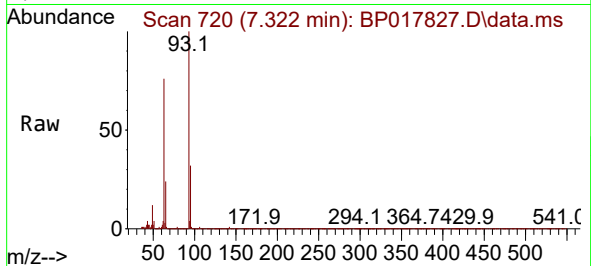




#10
Bis(2-Chloroethyl)ether
Concen: 69.086 ng/ul
RT: 7.322 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

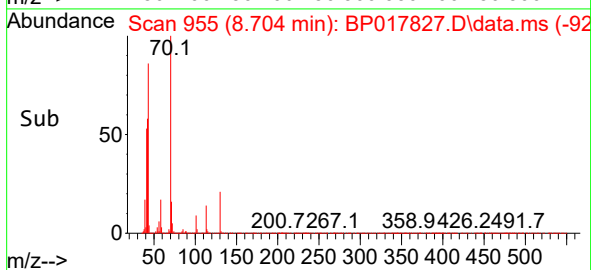
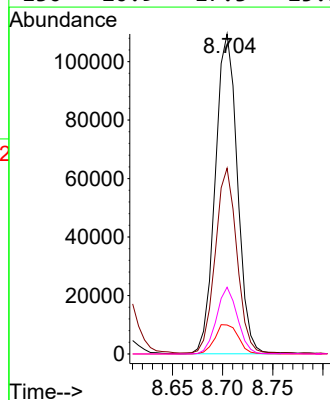
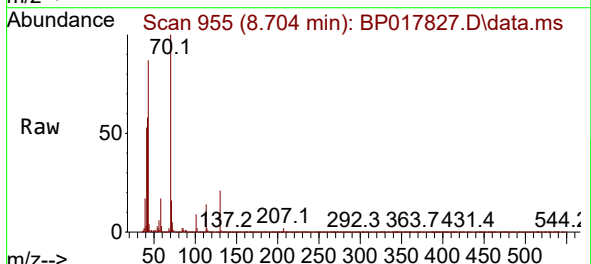
Instrument :
BNA_P
ClientSampleId :
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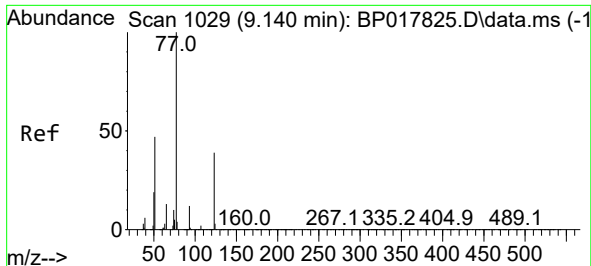
Tgt Ion: 93 Resp: 587020
Ion Ratio Lower Upper
93 100
63 76.2 60.7 91.1
95 32.3 27.8 41.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.716 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion: 70 Resp: 167650
Ion Ratio Lower Upper
70 100
42 58.0 44.6 66.8
101 9.1 7.5 11.3
130 20.9 17.3 25.9

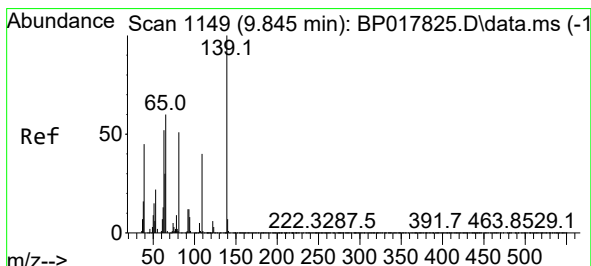
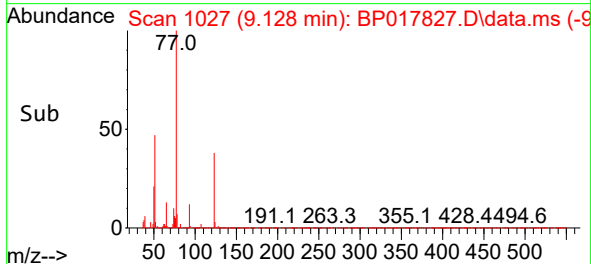
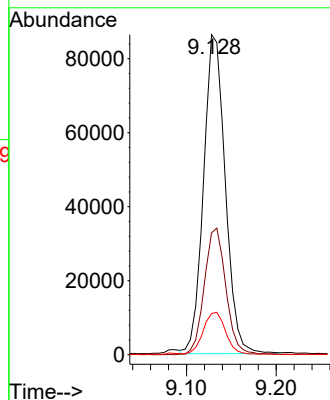
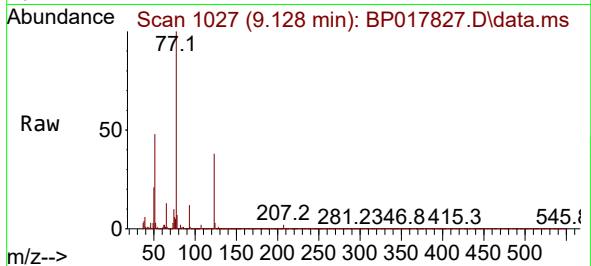




#22
Nitrobenzene
Concen: 15.458 ng/ul
RT: 9.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

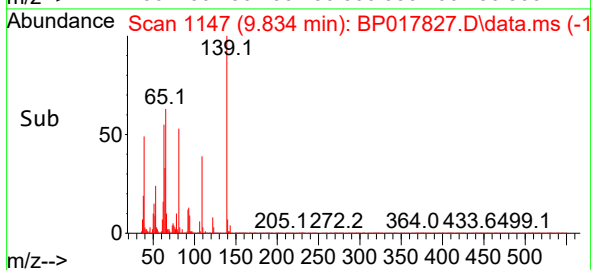
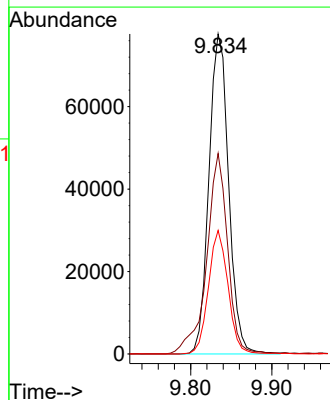
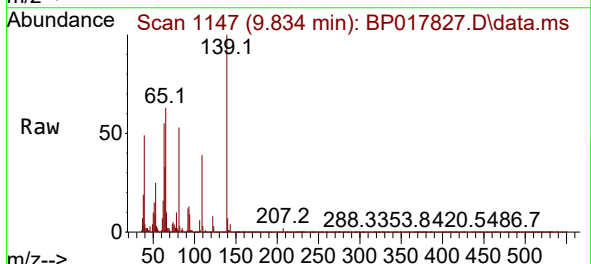
Instrument :
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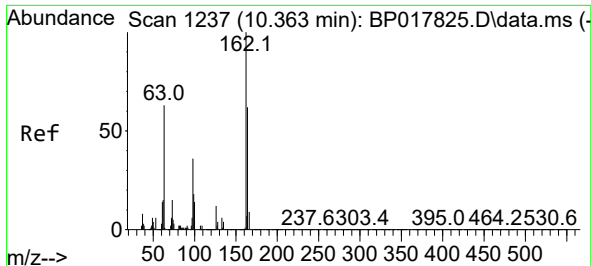
Tgt Ion: 77 Resp: 145405
Ion Ratio Lower Upper
77 100
123 38.1 33.5 50.3
65 12.9 10.8 16.2



#25
2-Nitrophenol
Concen: 29.339 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:139 Resp: 130718
Ion Ratio Lower Upper
139 100
65 62.7 40.4 60.6#
109 38.6 25.4 38.2#





#29

2,4-Dichlorophenol

Concen: 29.011 ng/ul

RT: 10.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

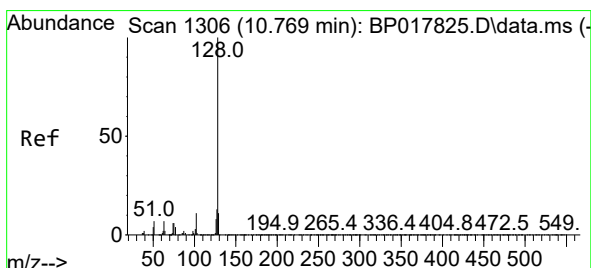
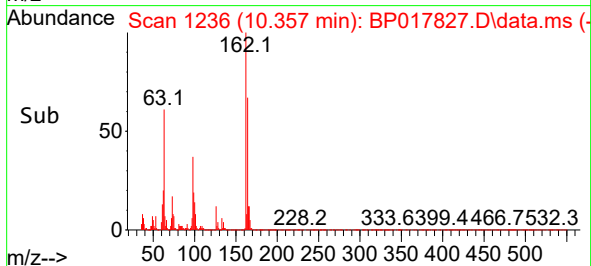
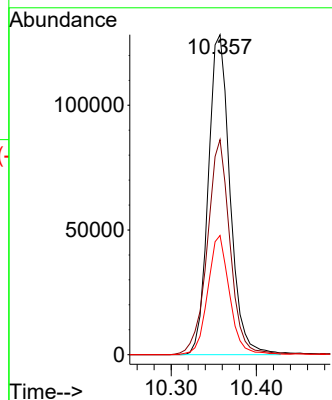
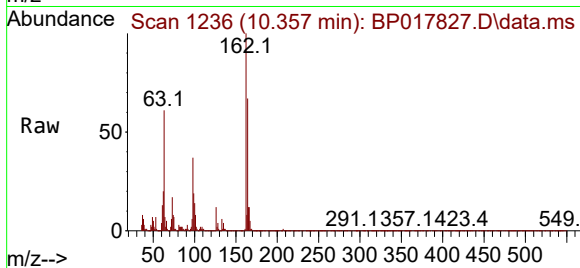
Tgt Ion:162 Resp: 227142

Ion Ratio Lower Upper

162 100

164 67.2 53.8 80.8

98 37.3 25.5 38.3



#30

Naphthalene

Concen: 14.564 ng/ul

RT: 10.763 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BP017827.D

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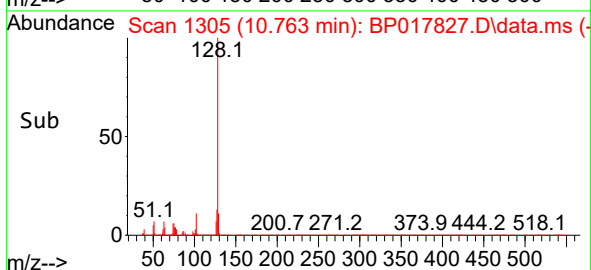
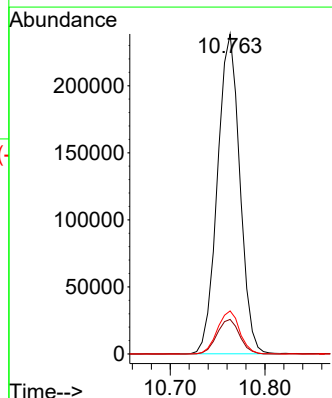
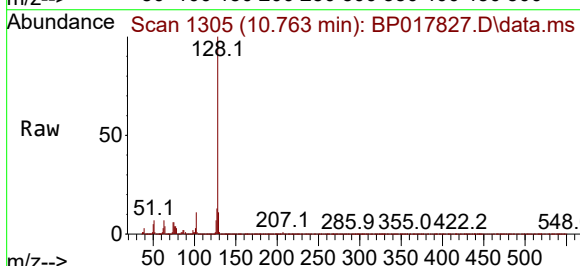
Tgt Ion:128 Resp: 390747

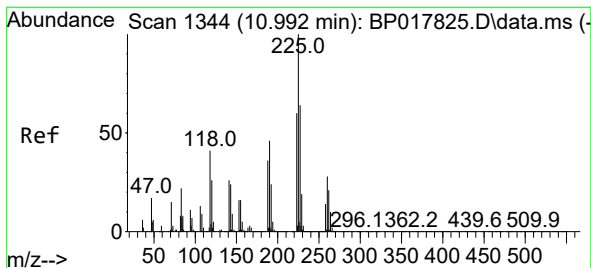
Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.4 10.5 15.7





#33

Hexachlorobutadiene

Concen: 29.826 ng/ul

RT: 10.981 min Scan# 11

Delta R.T. -0.012 min

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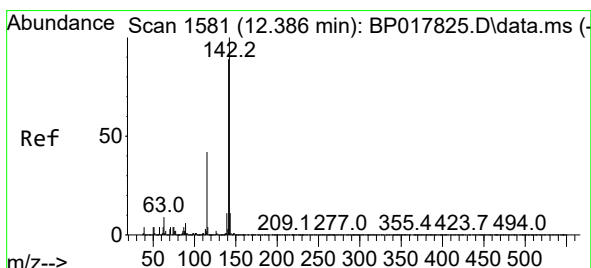
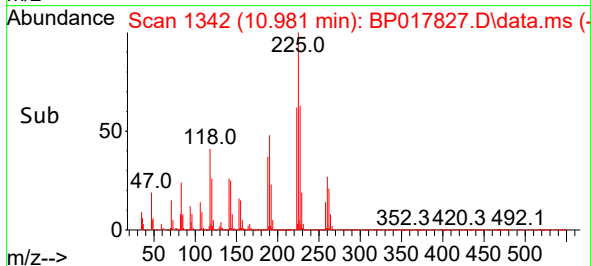
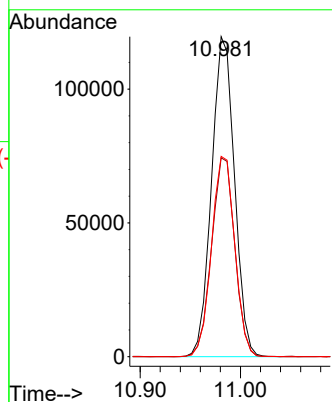
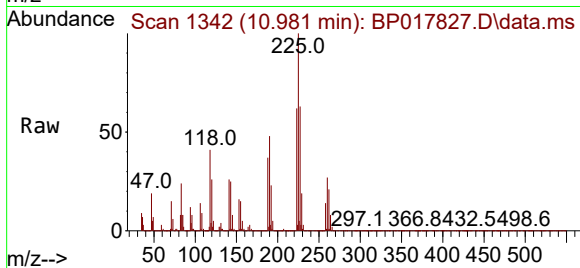
Tgt Ion:225 Resp: 189613

Ion Ratio Lower Upper

225 100

223 62.1 50.6 75.8

227 62.6 50.1 75.1



#36

2-Methylnaphthalene

Concen: 27.923 ng/ul

RT: 12.381 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BP017827.D

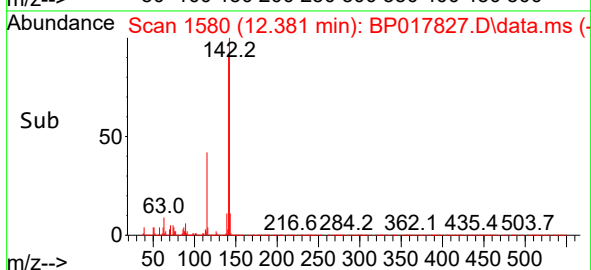
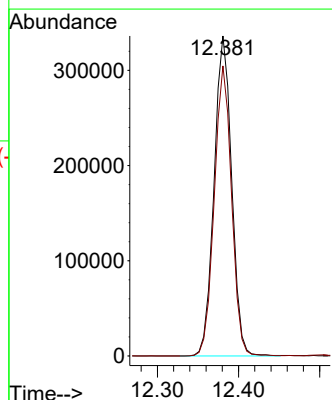
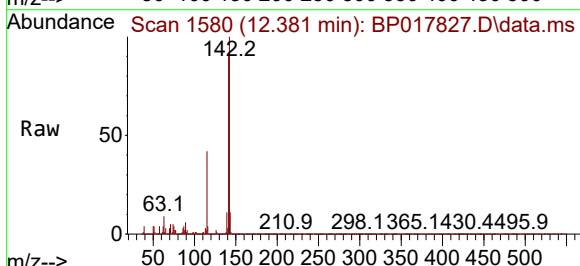
Acq: 31 Oct 2023 11:58

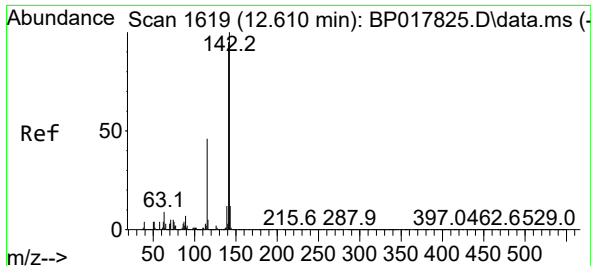
Tgt Ion:142 Resp: 506049

Ion Ratio Lower Upper

142 100

141 90.6 71.5 107.3





#37

1-Methylnaphthalene

Concen: 42.566 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

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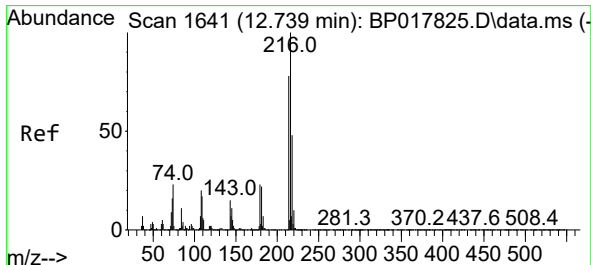
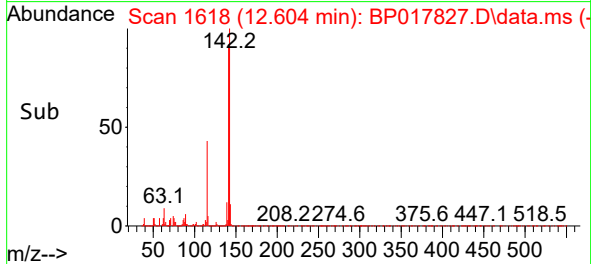
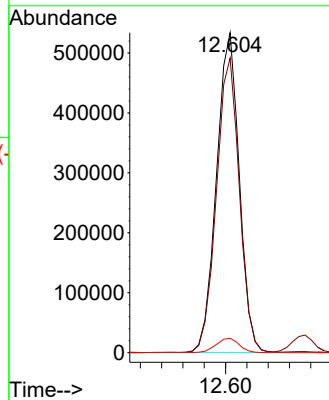
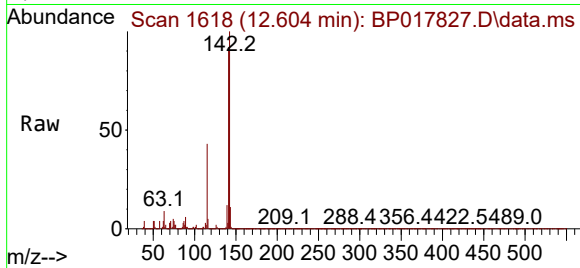
Tgt Ion:142 Resp: 788931

Ion Ratio Lower Upper

142 100

141 92.1 72.5 108.7

116 4.5 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.573 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.012 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Tgt Ion:216 Resp: 127846

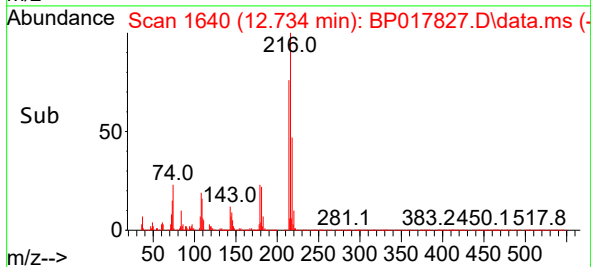
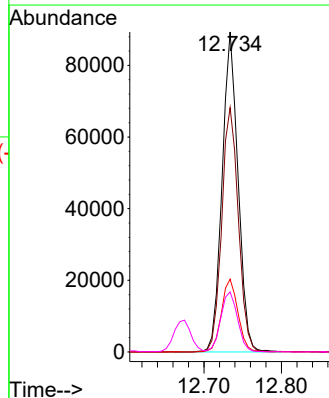
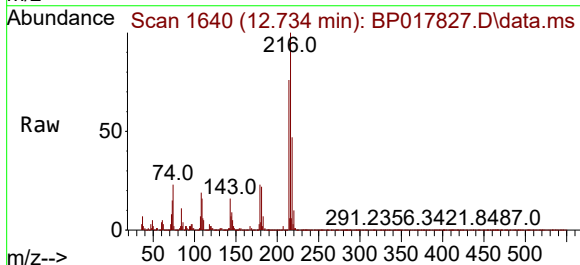
Ion Ratio Lower Upper

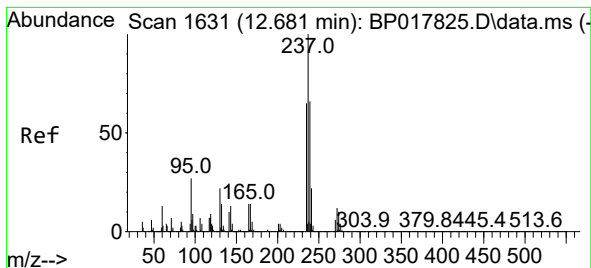
216 100

214 76.3 62.2 93.2

179 22.7 15.8 23.8

108 18.8 12.6 18.8

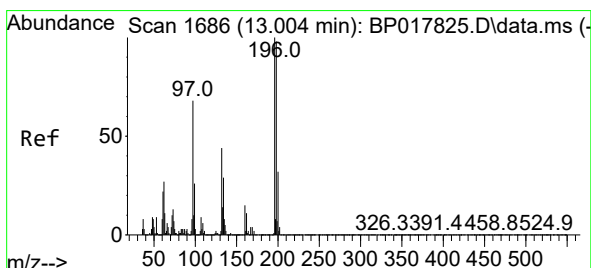
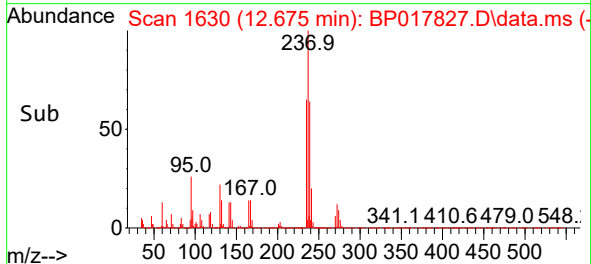
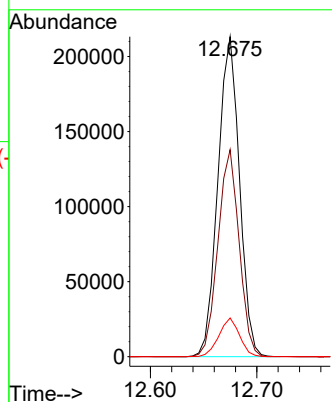
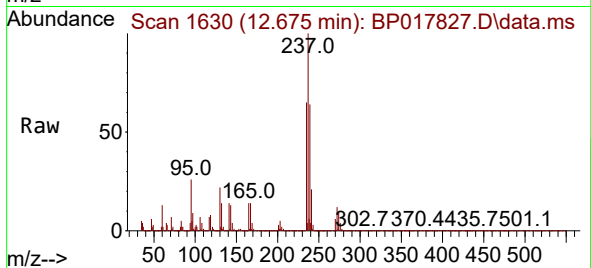




#40
Hexachlorocyclopentadiene
Concen: 51.243 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

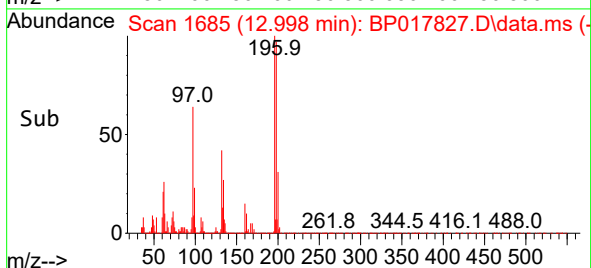
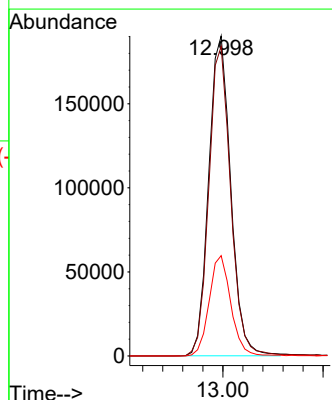
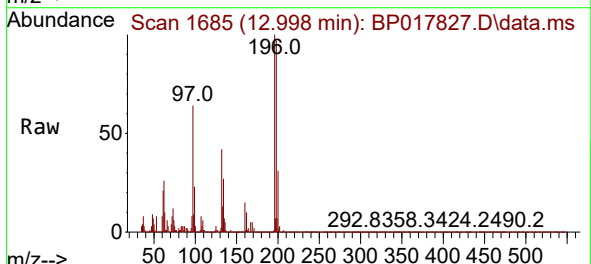
Instrument :
BNA_P
ClientSampleId :
A4A84

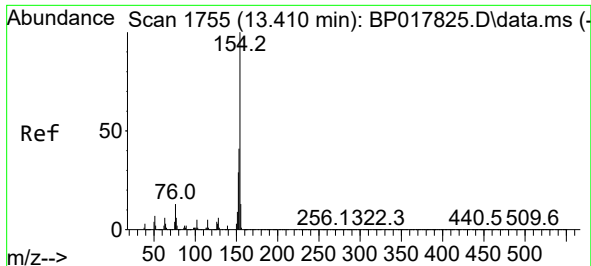
Tgt Ion:237 Resp: 299369
Ion Ratio Lower Upper
237 100
235 64.7 50.3 75.5
272 12.1 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 47.645 ng/ul
RT: 12.998 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:196 Resp: 290762
Ion Ratio Lower Upper
196 100
198 96.7 74.7 112.1
200 31.4 23.7 35.5

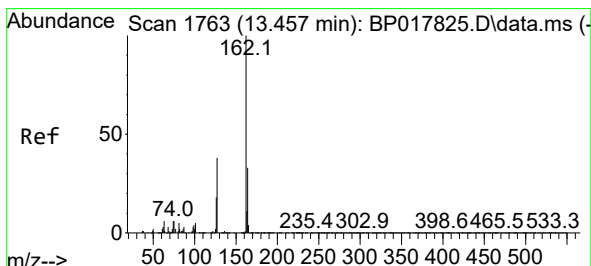
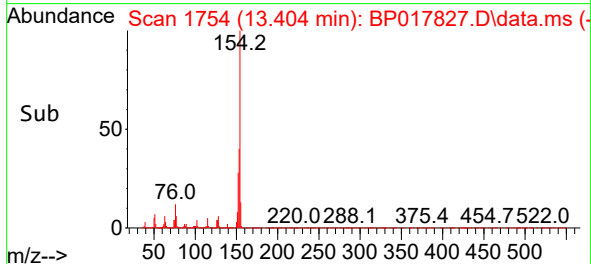
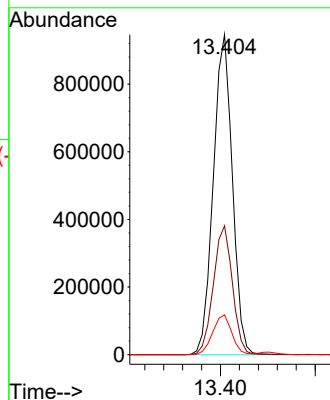
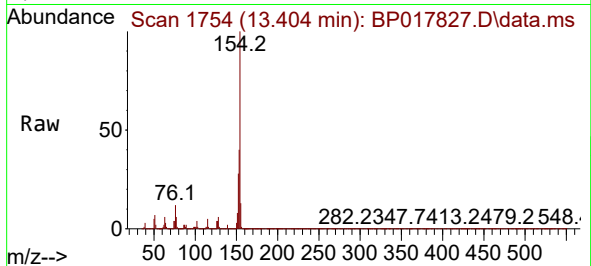




#43
1,1'-Biphenyl
Concen: 58.431 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

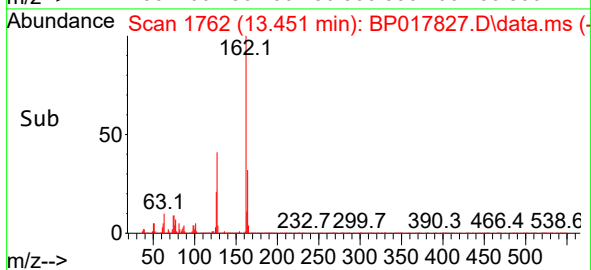
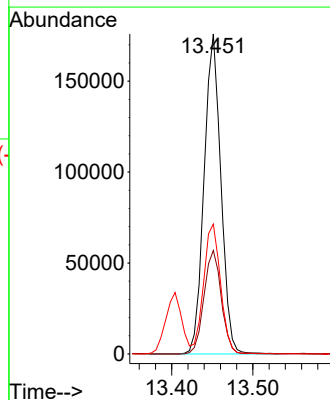
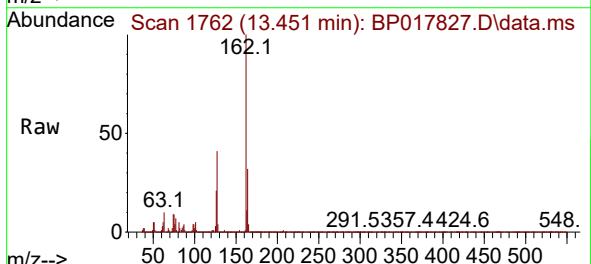
Instrument :
BNA_P
ClientSampleId :
A4A84

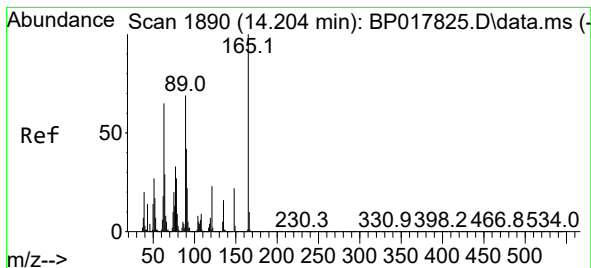
Tgt Ion:154 Resp: 1322872
Ion Ratio Lower Upper
154 100
153 40.2 32.6 49.0
76 12.5 9.8 14.8



#44
2-Chloronaphthalene
Concen: 13.802 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:162 Resp: 252602
Ion Ratio Lower Upper
162 100
164 32.3 25.9 38.9
127 40.6 29.9 44.9





#48

2,6-Dinitrotoluene

Concen: 49.531 ng/ul

RT: 14.198 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

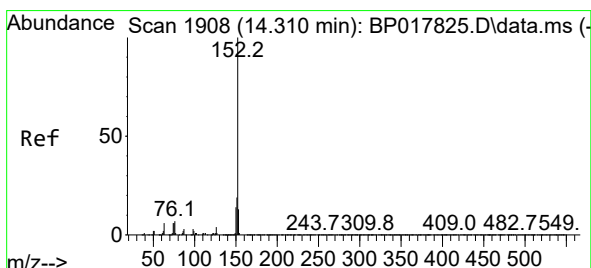
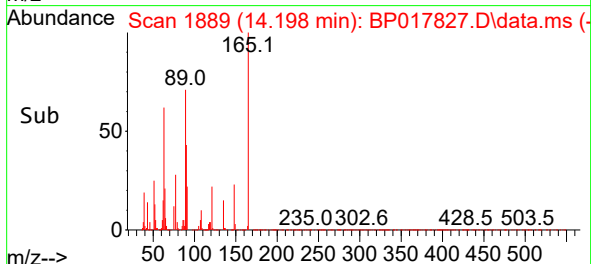
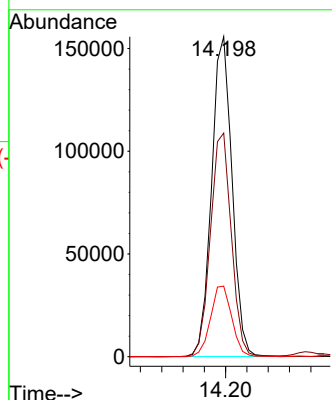
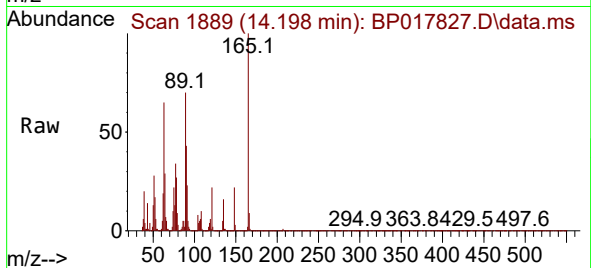
Tgt Ion:165 Resp: 207277

Ion Ratio Lower Upper

165 100

89 69.9 48.0 72.0

121 22.1 16.6 24.8



#50

Acenaphthylene

Concen: 18.671 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

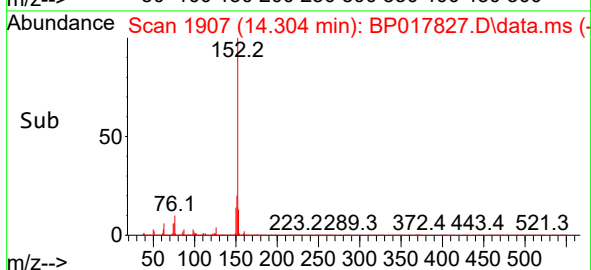
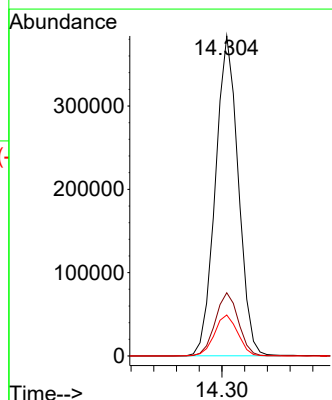
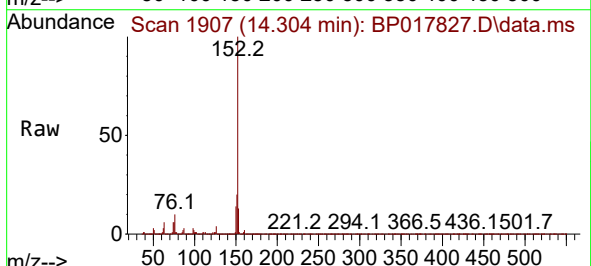
Tgt Ion:152 Resp: 538048

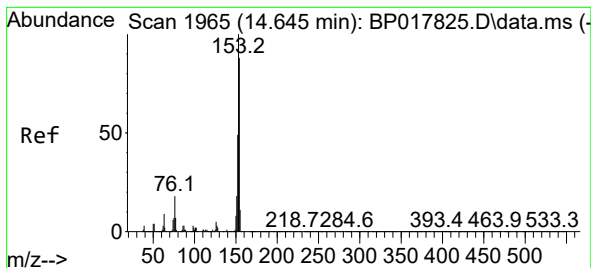
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.8 16.2





#52

Acenaphthene

Concen: 13.975 ng/ul

RT: 14.645 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

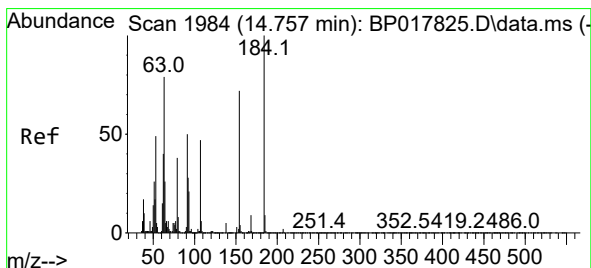
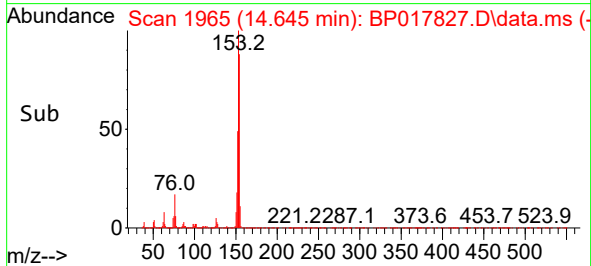
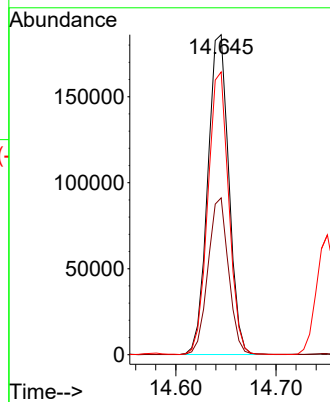
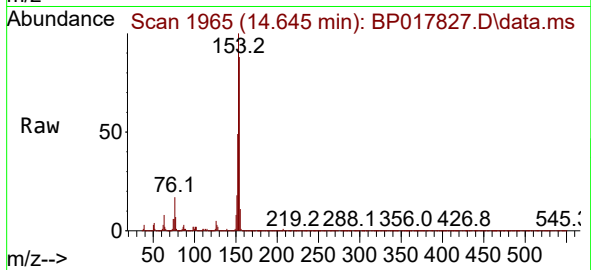
Tgt Ion:153 Resp: 272245

Ion Ratio Lower Upper

153 100

152 49.0 37.6 56.4

154 88.4 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 60.860 ng/ul

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

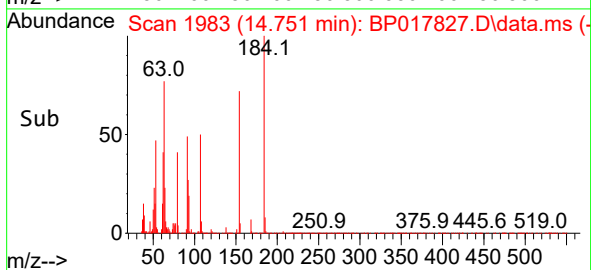
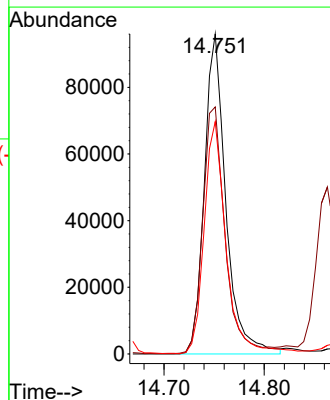
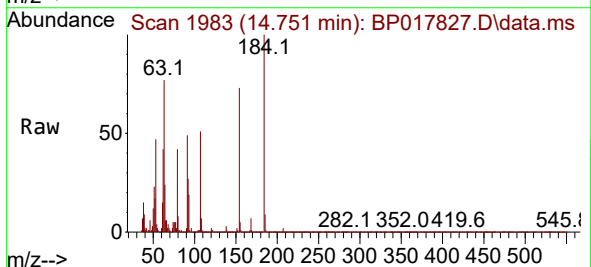
Tgt Ion:184 Resp: 142971

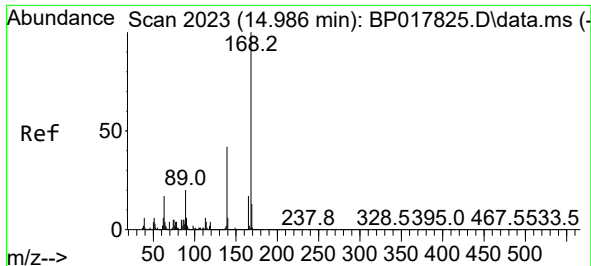
Ion Ratio Lower Upper

184 100

63 77.2 50.6 76.0#

154 72.6 47.9 71.9#

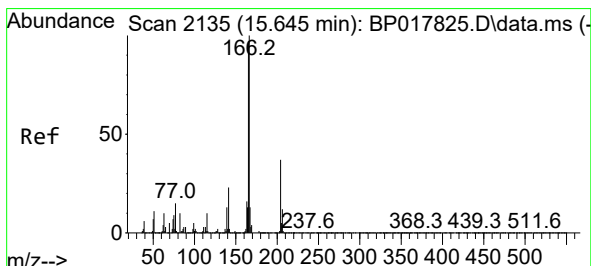
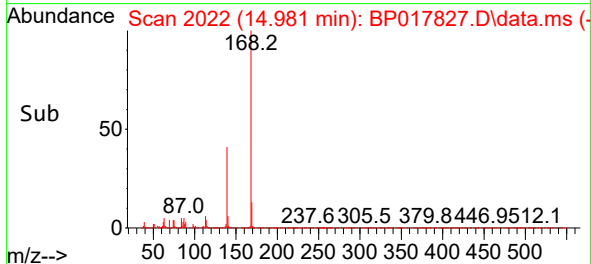
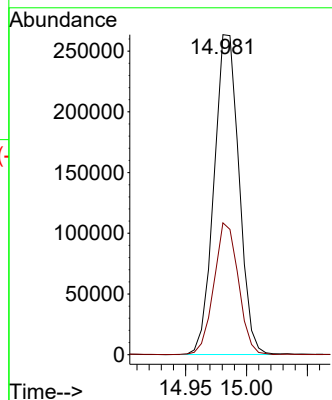
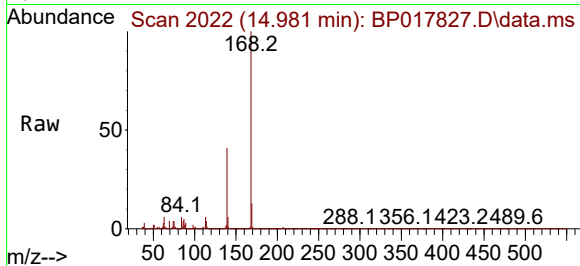




#56
Dibenzenofuran
Concen: 13.752 ng/ul
RT: 14.981 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

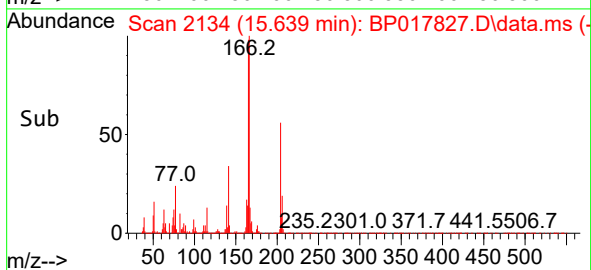
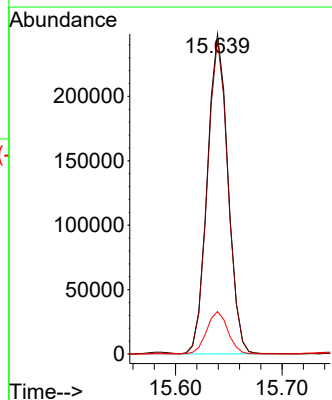
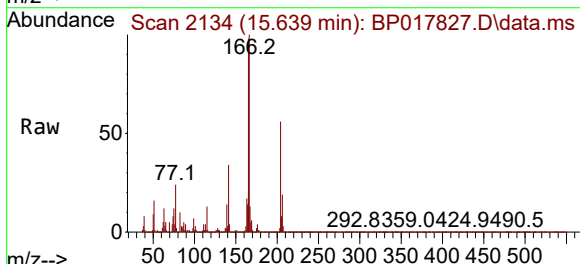
Instrument :
BNA_P
ClientSampleId :
A4A84

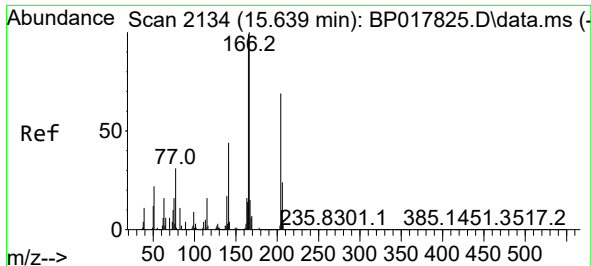
Tgt Ion:168 Resp: 376152
Ion Ratio Lower Upper
168 100
139 41.2 28.6 43.0



#61
Fluorene
Concen: 14.952 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:166 Resp: 335921
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 13.3 10.9 16.3

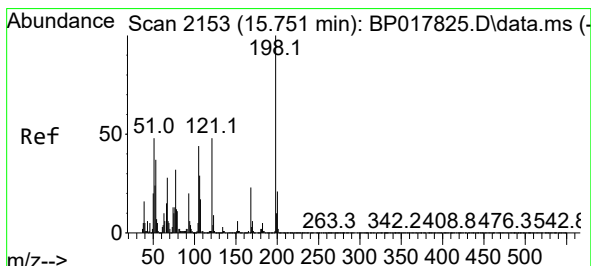
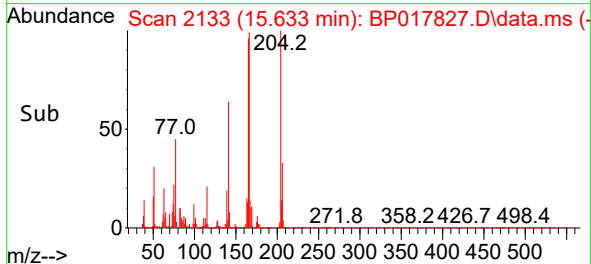
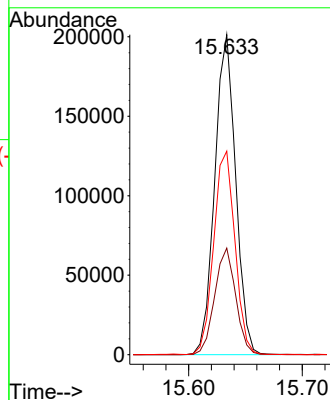
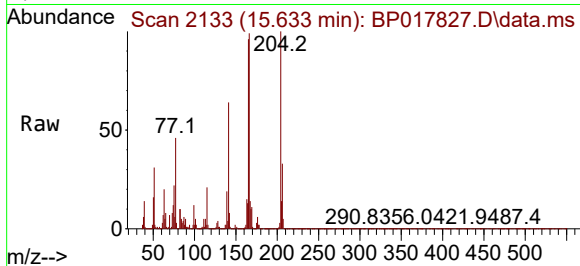




#62
4-Chlorophenyl-phenylether
Concen: 21.607 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

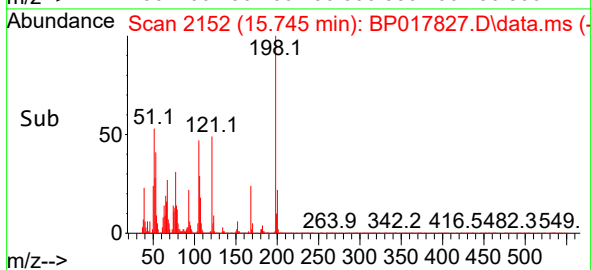
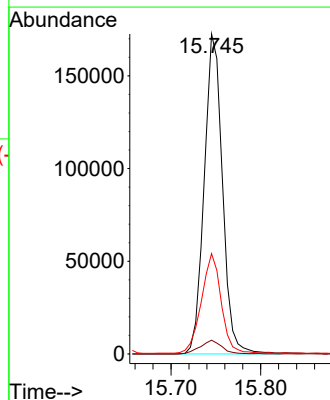
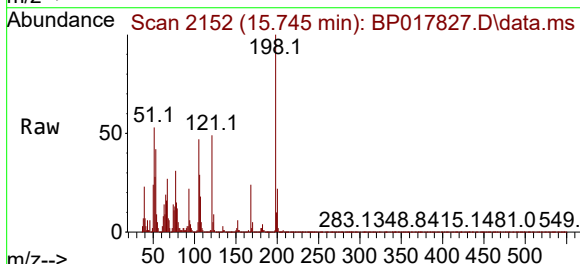
Instrument :
BNA_P
ClientSampleId :
A4A84

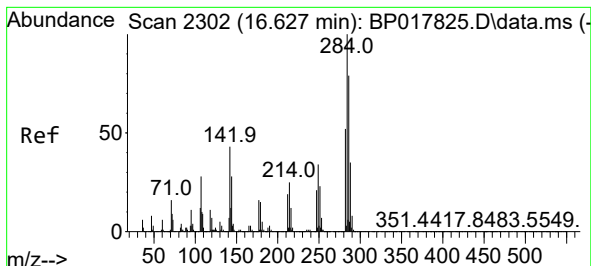
Tgt Ion:204 Resp: 258021
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 63.6 42.9 64.3



#66
4,6-Dinitro-2-methylphenol
Concen: 60.150 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:198 Resp: 244005
Ion Ratio Lower Upper
198 100
182 4.3 3.9 5.9
77 31.3 19.8 29.8#





#69

Hexachlorobenzene

Concen: 39.888 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

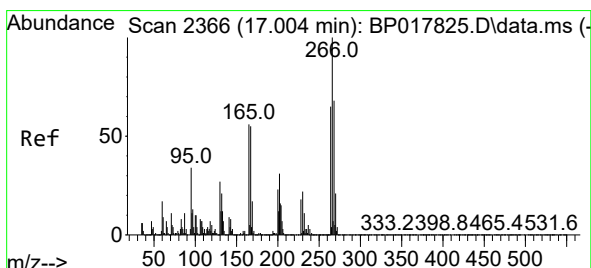
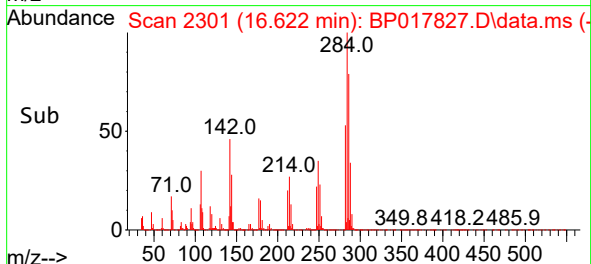
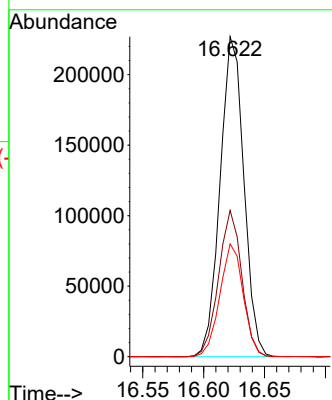
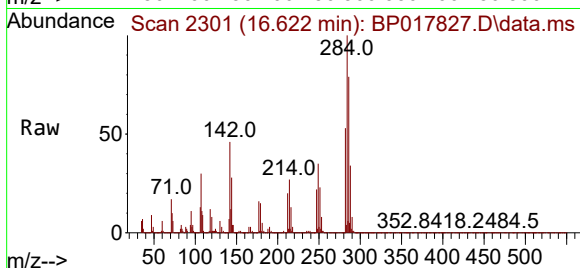
Tgt Ion:284 Resp: 308079

Ion Ratio Lower Upper

284 100

142 45.7 27.6 41.4#

249 35.3 24.5 36.7



#71

Pentachlorophenol

Concen: 61.977 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

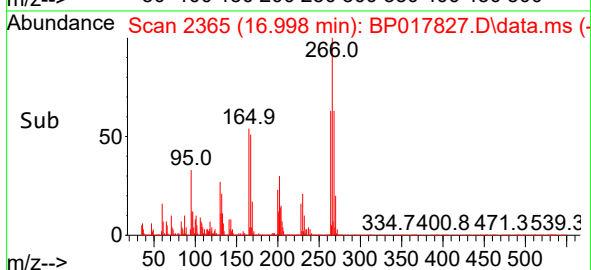
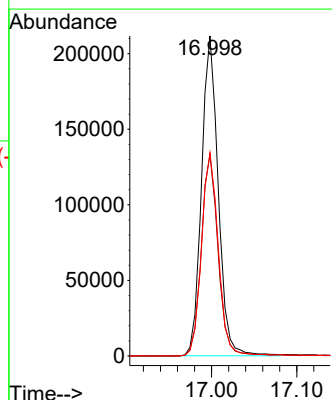
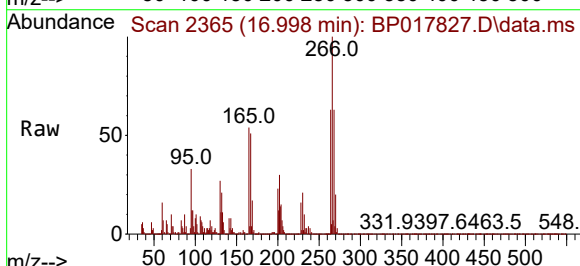
Tgt Ion:266 Resp: 287792

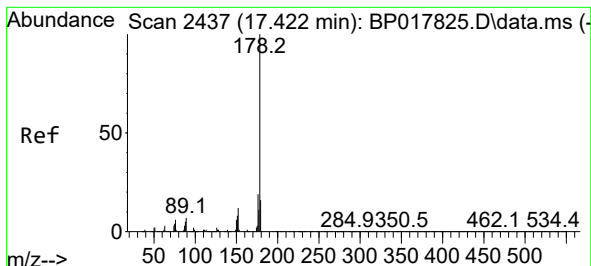
Ion Ratio Lower Upper

266 100

264 62.8 49.4 74.2

268 63.5 50.3 75.5





#72

Phenanthrene

Concen: 14.250 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

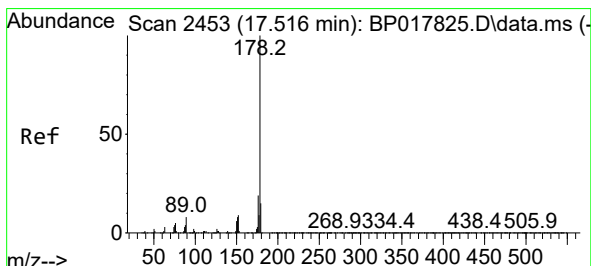
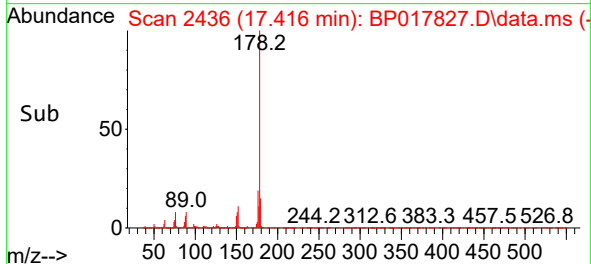
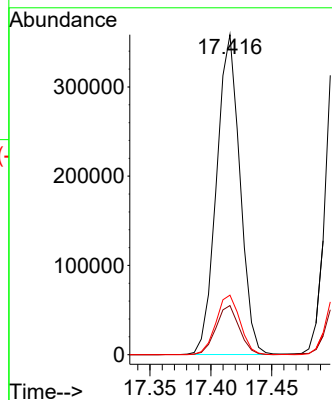
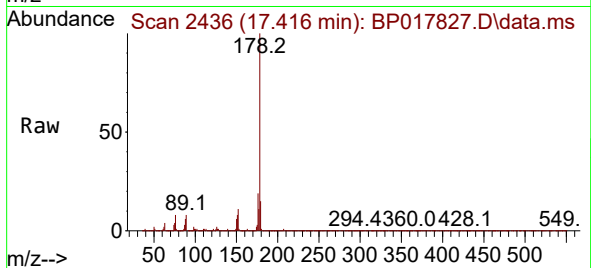
Tgt Ion:178 Resp: 479993

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.6 15.3 22.9



#74

Anthracene

Concen: 24.766 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

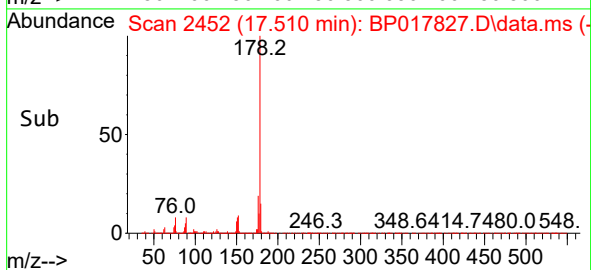
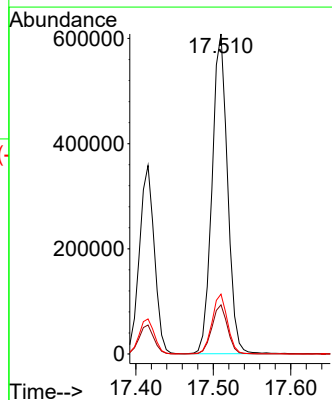
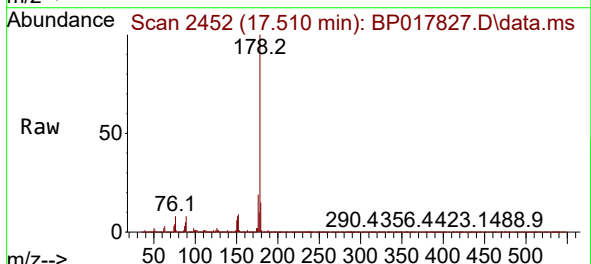
Tgt Ion:178 Resp: 844889

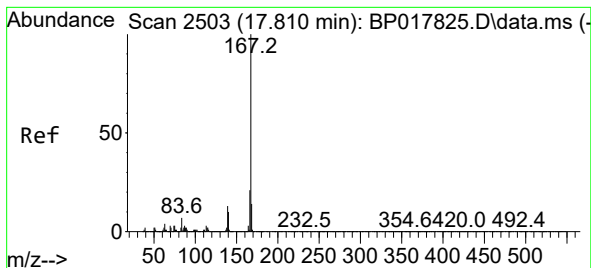
Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 18.7 14.8 22.2





#77

Carbazole

Concen: 57.975 ng/ul

RT: 17.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

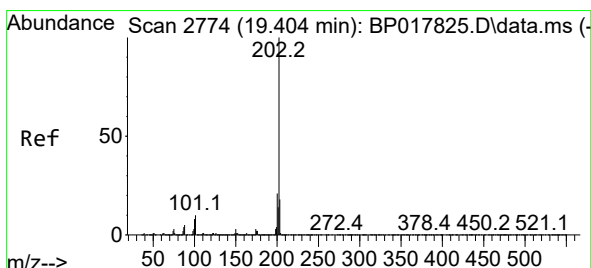
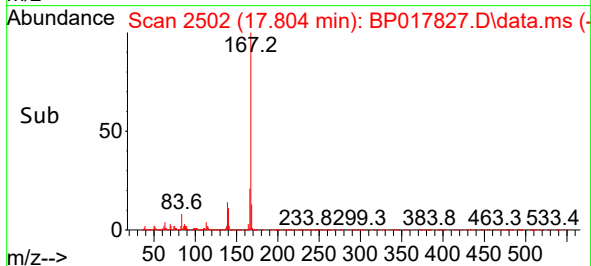
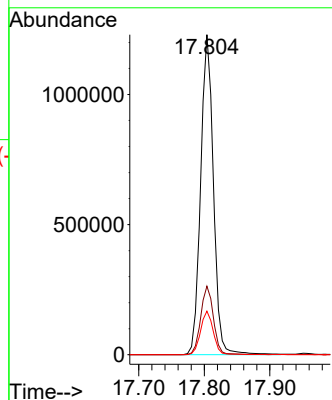
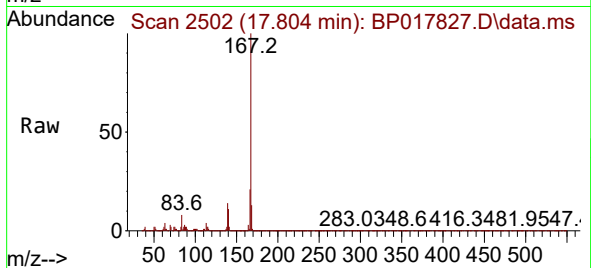
Tgt Ion:167 Resp: 1671589

Ion Ratio Lower Upper

167 100

166 21.4 16.7 25.1

139 13.6 9.8 14.6



#80

Fluoranthene

Concen: 28.405 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

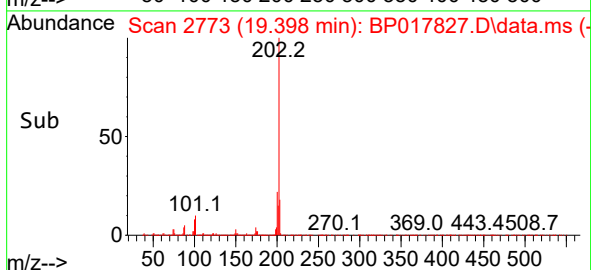
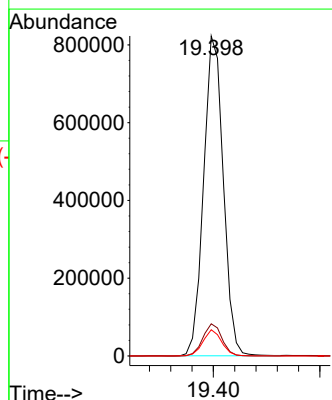
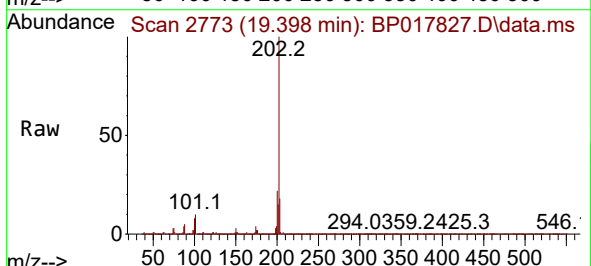
Tgt Ion:202 Resp: 1056800

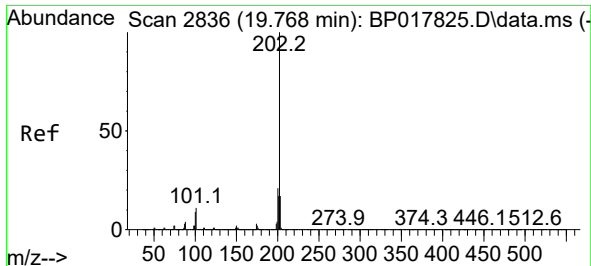
Ion Ratio Lower Upper

202 100

101 10.0 7.1 10.7

100 8.2 5.7 8.5

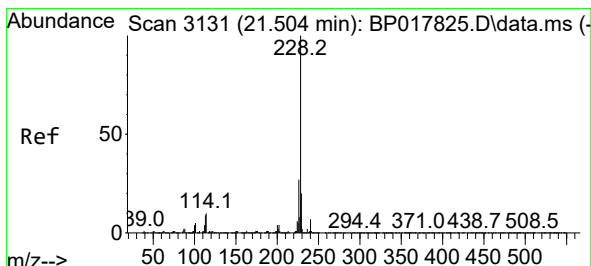
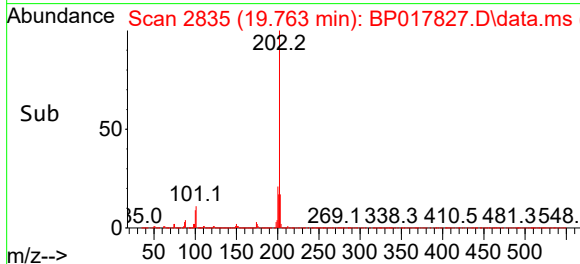
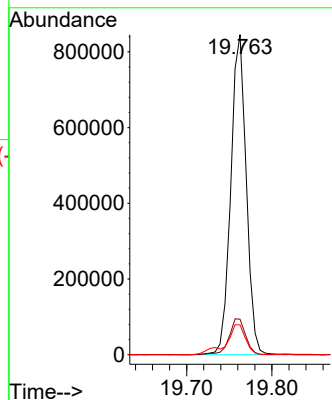
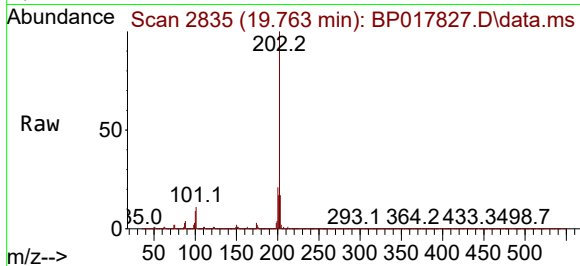




#82
Pyrene
Concen: 27.074 ng/ul
RT: 19.763 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

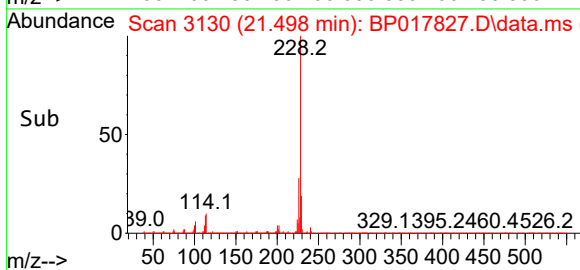
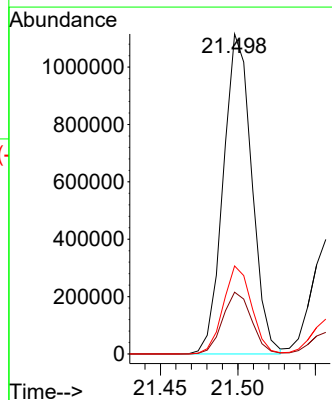
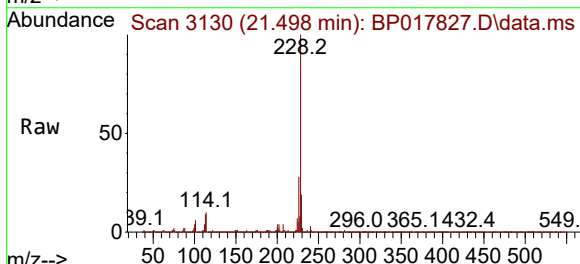
Instrument :
BNA_P
ClientSampleId :
A4A84

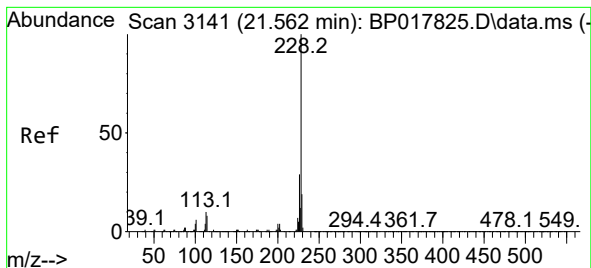
Tgt Ion:202 Resp: 1067162
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 9.3 7.4 11.0



#85
Benzo(a)anthracene
Concen: 36.329 ng/ul
RT: 21.498 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP017827.D
Acq: 31 Oct 2023 11:58

Tgt Ion:228 Resp: 1426480
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 27.5 21.1 31.7





#87

Chrysene

Concen: 13.841 ng/ul

RT: 21.557 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

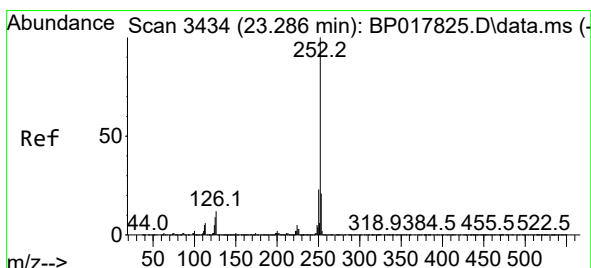
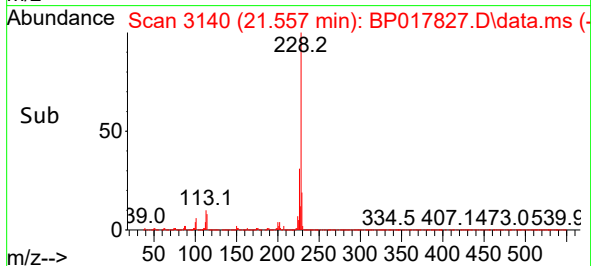
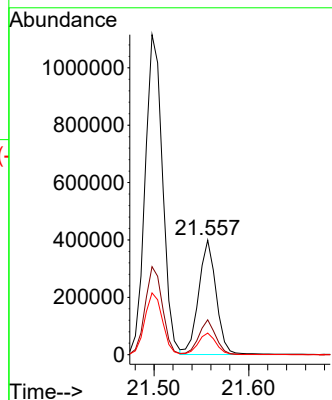
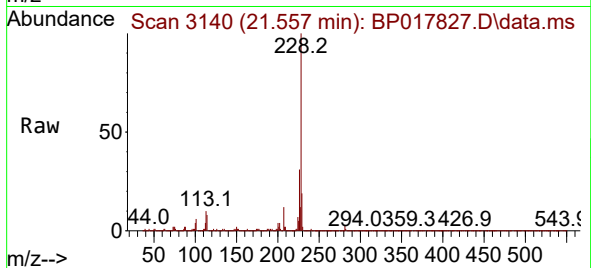
Tgt Ion:228 Resp: 513937

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 18.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 29.014 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.006 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

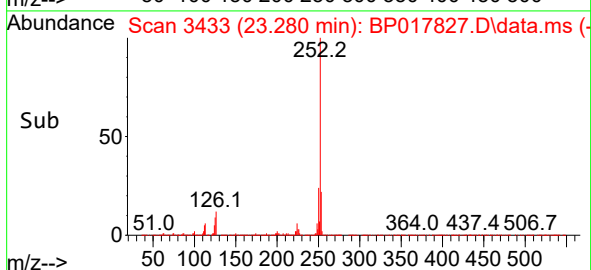
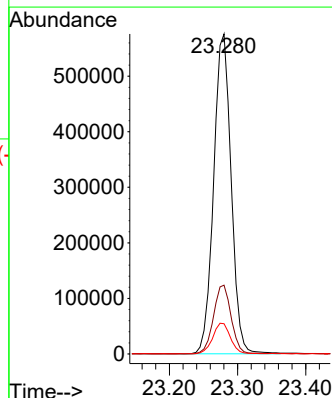
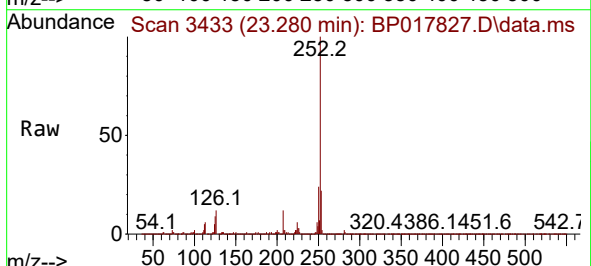
Tgt Ion:252 Resp: 1029635

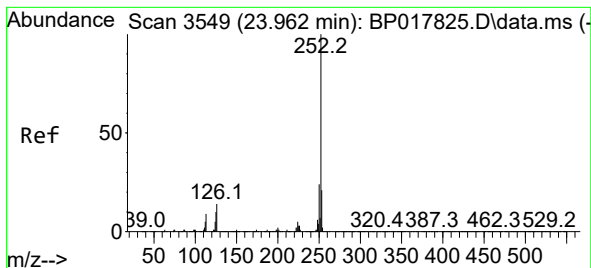
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.5 7.1 10.7





#93

Benzo(a)pyrene

Concen: 17.671 ng/ul

RT: 23.957 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

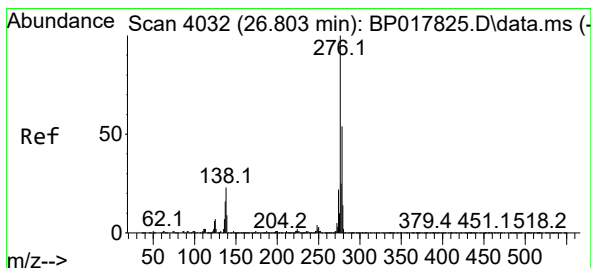
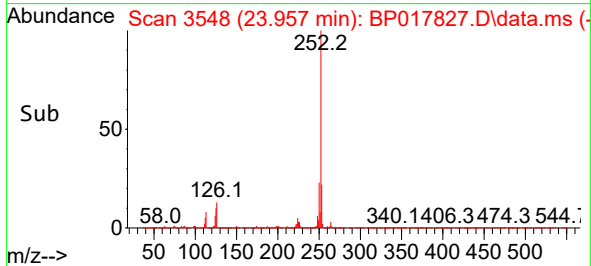
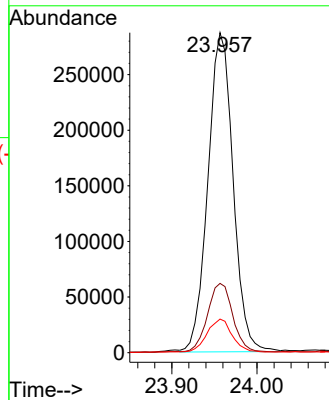
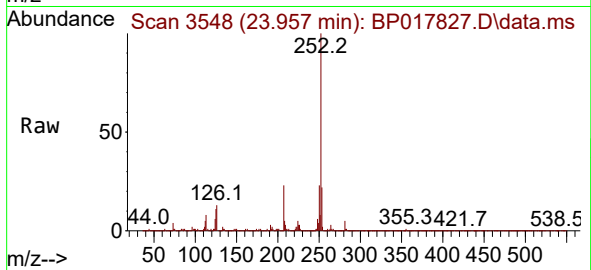
Tgt Ion:252 Resp: 588735

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.5 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.932 ng/ul

RT: 26.792 min Scan# 4030

Delta R.T. 0.012 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

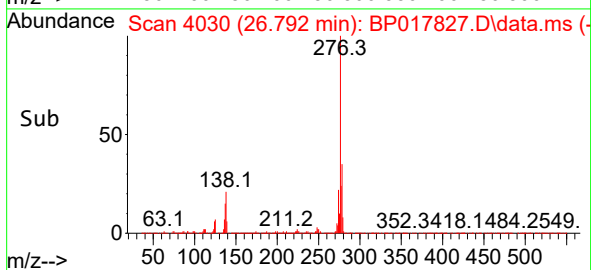
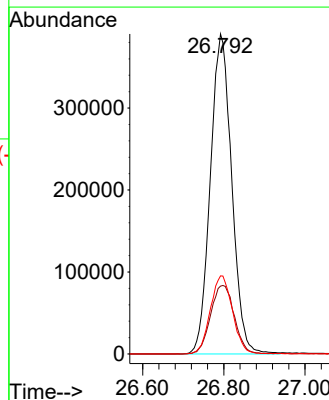
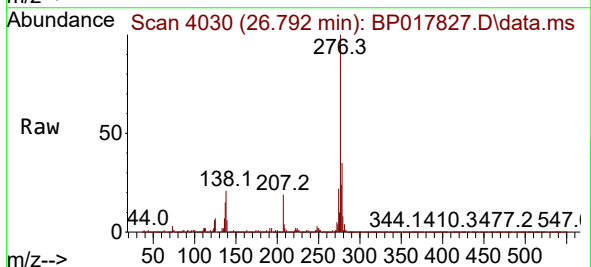
Tgt Ion:276 Resp: 1426714

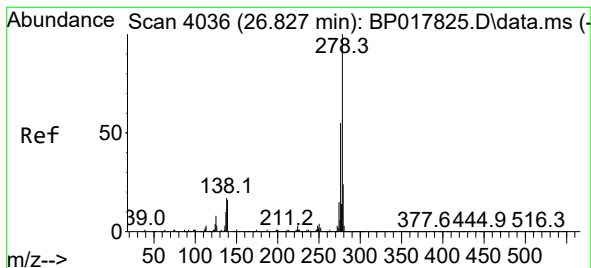
Ion Ratio Lower Upper

276 100

138 21.2 15.6 23.4

277 24.4 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 30.412 ng/ul

RT: 26.821 min Scan# 4036

Delta R.T. 0.012 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Instrument :

BNA_P

ClientSampleId :

A4A84

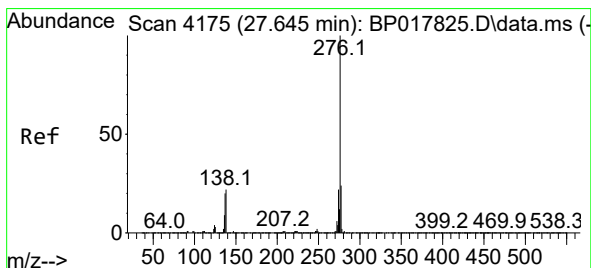
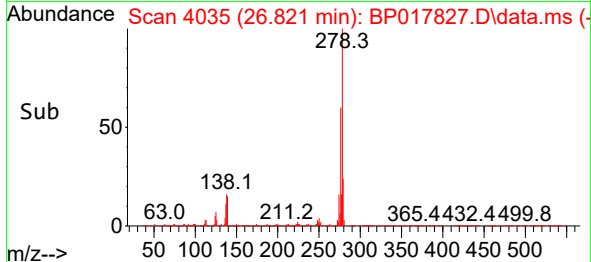
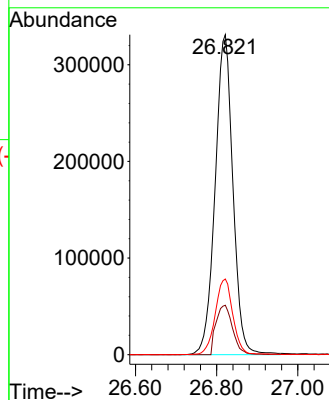
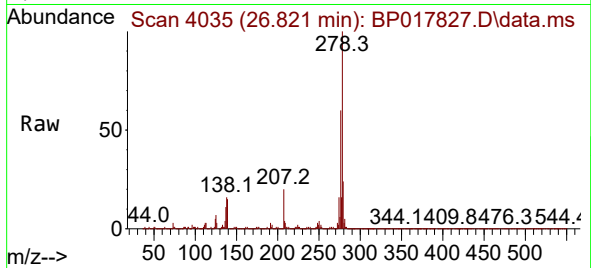
Tgt Ion:278 Resp: 1007553

Ion Ratio Lower Upper

278 100

139 15.4 11.4 17.2

279 23.7 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 16.234 ng/ul

RT: 27.639 min Scan# 4174

Delta R.T. 0.012 min

Lab File: BP017827.D

Acq: 31 Oct 2023 11:58

Tgt Ion:276 Resp: 519352

Ion Ratio Lower Upper

276 100

138 21.5 15.0 22.6

277 23.5 18.5 27.7

