

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017849.D
 Acq On : 01 Nov 2023 13:27
 Operator : MA/JU
 Sample : 04950-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4A85

Quant Time: Nov 02 01:25:54 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	148460	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	554104	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	316398	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	651554	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.521	240	565798	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	545804	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22248	5.575	ng/uL	0.02
4) Pyridine-d5	3.705	84	308427	29.519	ng/u1	0.01
7) Phenol-d5	7.040	99	392401	31.763	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	249499	32.701	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	319263	31.685	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	297862	30.702	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	146067	32.532	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.799	143	165772	33.415	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	297311	30.551	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	241273	18.945	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	833828	31.393	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	940742	31.760	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	97252	25.697	ng/u1	0.00
60) Fluorene-d10	15.581	176	700561	30.513	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	126626	29.505	ng/u1	0.00
73) Anthracene-d10	17.475	188	1041126	31.269	ng/u1	0.00
81) Pyrene-d10	19.733	212	1198076	33.775	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	1000445	32.910	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	21999	5.197	ng/uL#	88
6) Benzaldehyde	7.046	77	383754	57.743	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	583819	57.448	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.699	70	163243	22.564	ng/u1	97
22) Nitrobenzene	9.128	77	142710	12.765	ng/u1	99
25) 2-Nitrophenol	9.834	139	125658	23.730	ng/u1	88
29) 2,4-Dichlorophenol	10.357	162	220330	23.677	ng/u1	96
30) Naphthalene	10.757	128	386137	12.109	ng/u1	99
33) Hexachlorobutadiene	10.981	225	186023	24.620	ng/u1	99
36) 2-Methylnaphthalene	12.381	142	495755	23.016	ng/u1	100
37) 1-Methylnaphthalene	12.598	142	764822	34.720	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	124773	10.657	ng/u1#	97
40) Hexachlorocyclopentadiene	12.675	237	272464	40.507	ng/u1	99
41) 2,4,6-Trichlorophenol	12.998	196	282146	40.155	ng/u1	99
43) 1,1'-Biphenyl	13.404	154	1281556	49.165	ng/u1	99
44) 2-Chloronaphthalene	13.445	162	244112	11.585	ng/u1	98
48) 2,6-Dinitrotoluene	14.198	165	197262	40.941	ng/u1	92
50) Acenaphthylene	14.304	152	511203	15.407	ng/u1	99
52) Acenaphthene	14.645	153	261001	11.636	ng/u1	99
53) 2,4-Dinitrophenol	14.751	184	134689	49.798	ng/u1	86
56) Dibenzofuran	14.981	168	361294	11.473	ng/u1	92
61) Fluorene	15.639	166	317848	12.287	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.634	204	246633	17.938	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.745	198	224008	48.732	ng/u1#	87

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

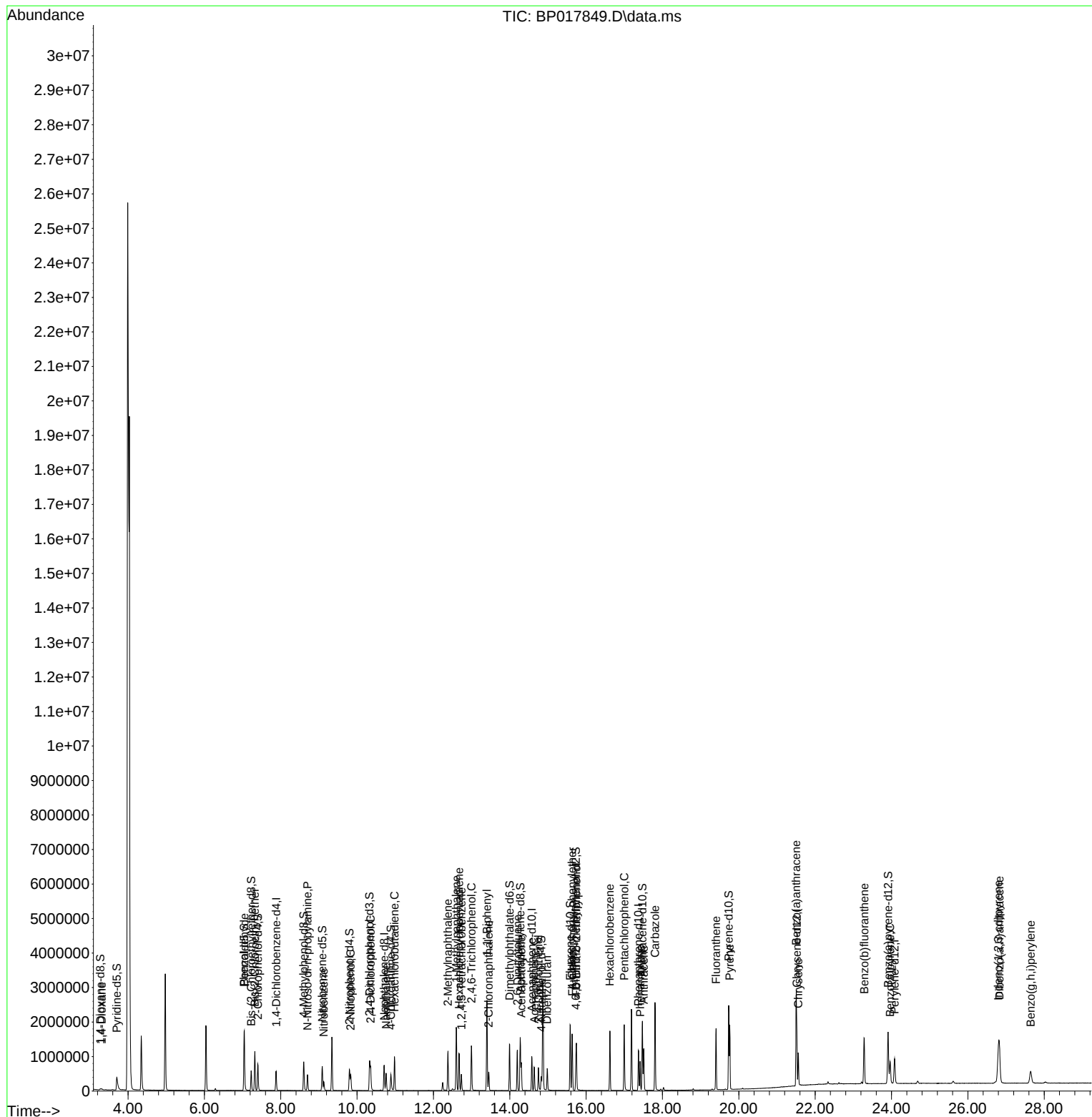
69) Hexachlorobenzene	16.622	284	288551	32.969	ng/ul#	86
71) Pentachlorophenol	16.998	266	277022	52.648	ng/ul	99
72) Phenanthrene	17.416	178	458578	12.015	ng/ul	99
74) Anthracene	17.510	178	707813	18.310	ng/ul	99
77) Carbazole	17.804	167	1520930	46.552	ng/ul	98
80) Fluoranthene	19.404	202	987283	24.224	ng/ul	98
82) Pyrene	19.763	202	994718	23.037	ng/ul	97
85) Benzo(a)anthracene	21.504	228	1322144	30.738	ng/ul	99
87) Chrysene	21.557	228	468694	11.523	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	942393	25.370	ng/ul	100
93) Benzo(a)pyrene	23.963	252	513289	14.719	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	1286170	30.946	ng/ul	97
95) Dibenzo(a,h)anthracene	26.827	278	907751	26.176	ng/ul	98
96) Benzo(g,h,i)perylene	27.645	276	463264	13.834	ng/ul#	95

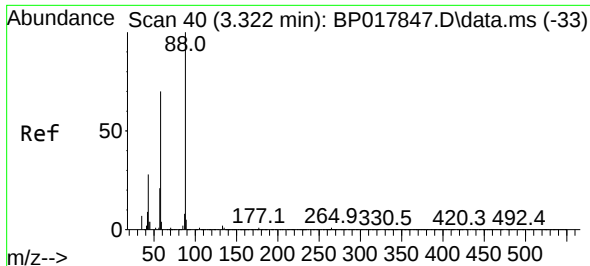
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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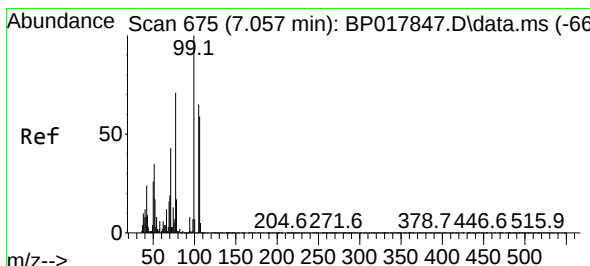
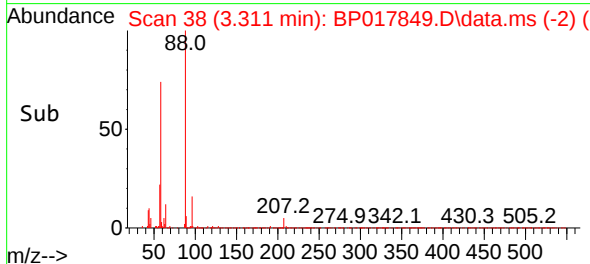
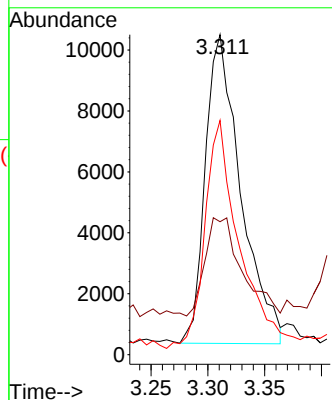
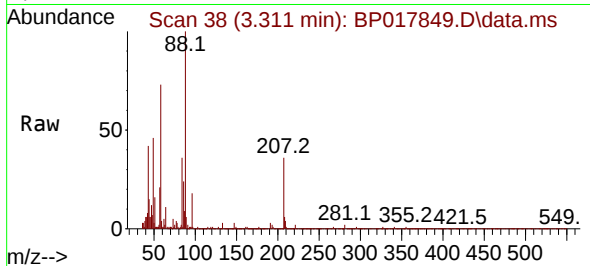




#2
1,4-Dioxane
Concen: 5.197 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

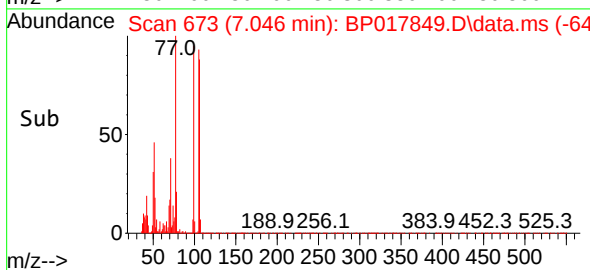
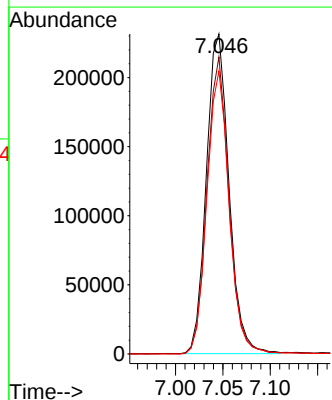
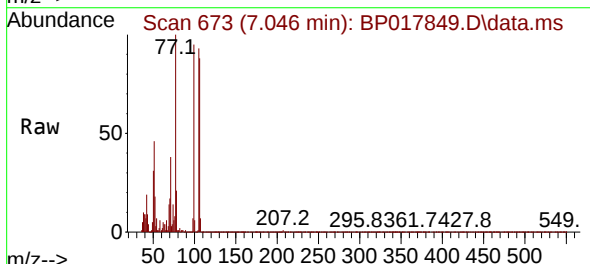
Instrument :
BNA_P
ClientSampleId :
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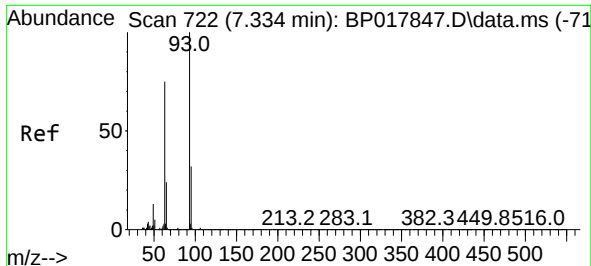
Tgt Ion: 88 Resp: 21999
Ion Ratio Lower Upper
88 100
43 41.5 24.4 36.6#
58 73.2 53.0 79.6



#6
Benzaldehyde
Concen: 57.743 ng/uL
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion: 77 Resp: 383754
Ion Ratio Lower Upper
77 100
105 92.8 75.4 113.2
106 88.4 72.3 108.5

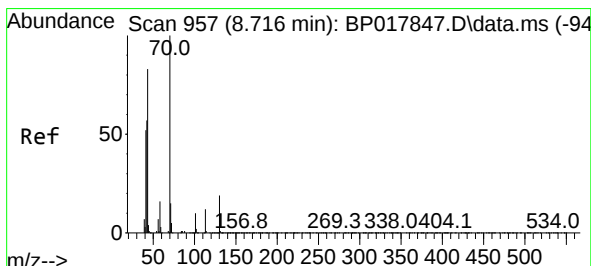
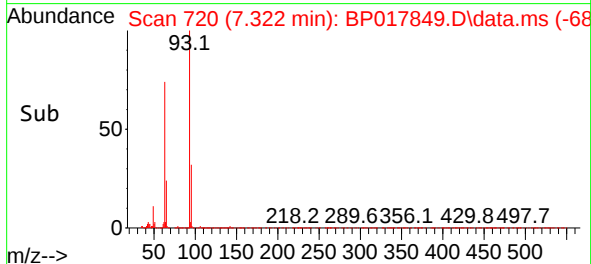
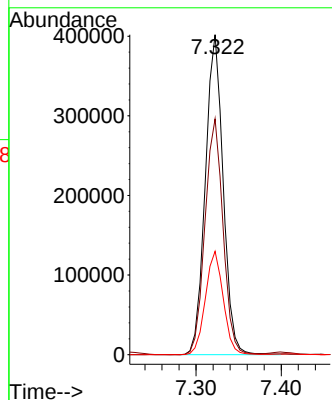
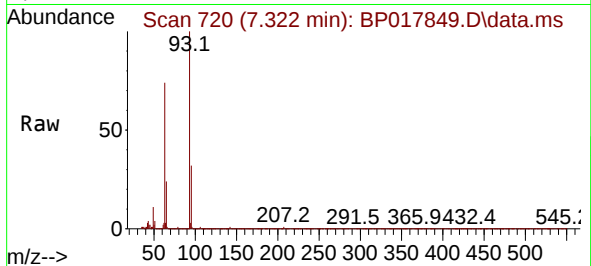




#10
Bis(2-Chloroethyl)ether
Concen: 57.448 ng/ul
RT: 7.322 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

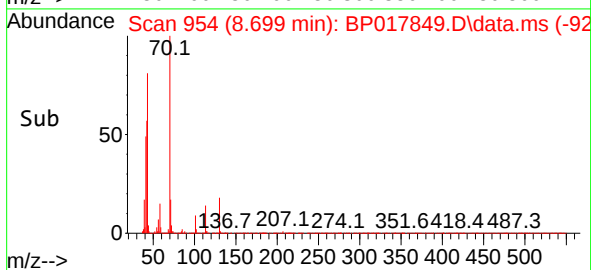
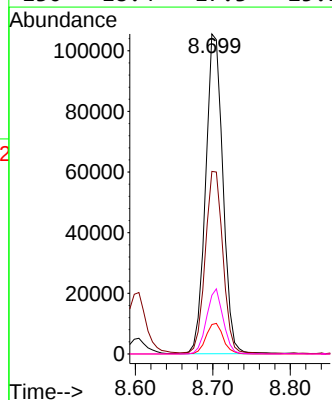
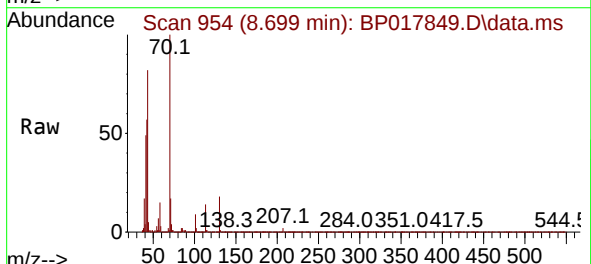
Instrument :
BNA_P
ClientSampleId :
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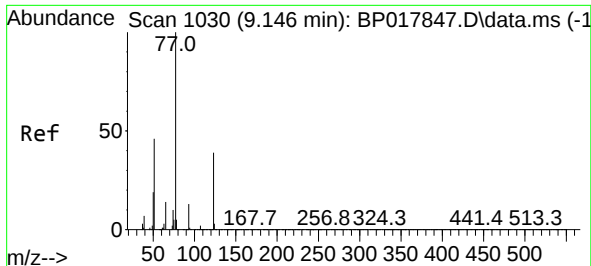
Tgt Ion: 93 Resp: 583819
Ion Ratio Lower Upper
93 100
63 73.7 60.7 91.1
95 32.3 27.8 41.6



#17
N-Nitroso-di-n-propylamine
Concen: 22.564 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.018 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion: 70 Resp: 163243
Ion Ratio Lower Upper
70 100
42 57.0 44.6 66.8
101 9.2 7.5 11.3
130 18.4 17.3 25.9

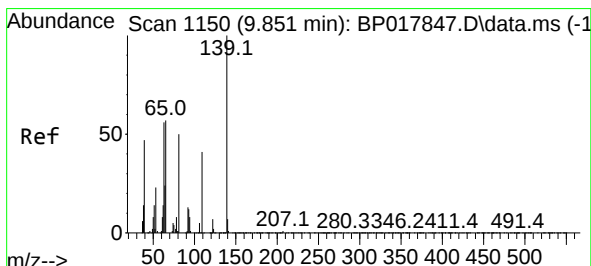
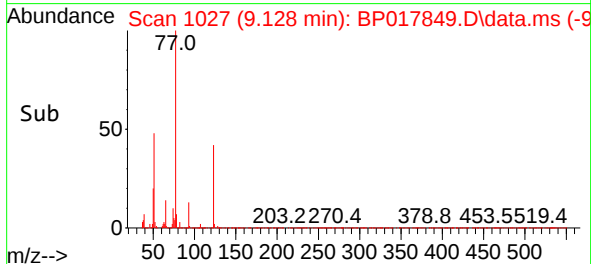
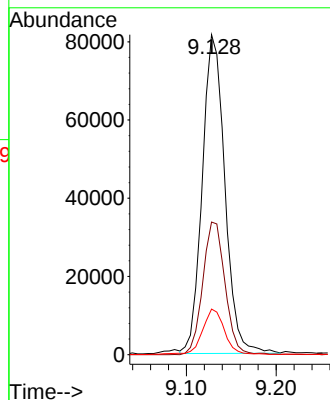
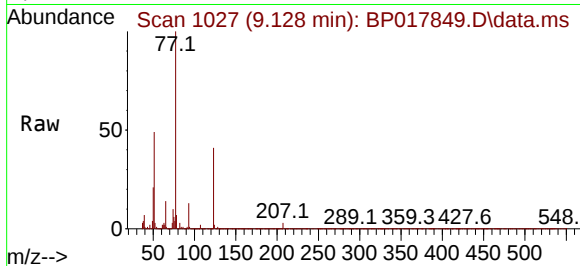




#22
Nitrobenzene
Concen: 12.765 ng/ul
RT: 9.128 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

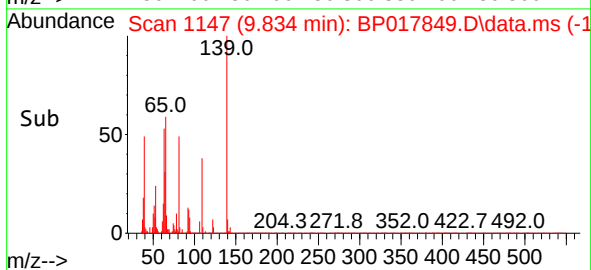
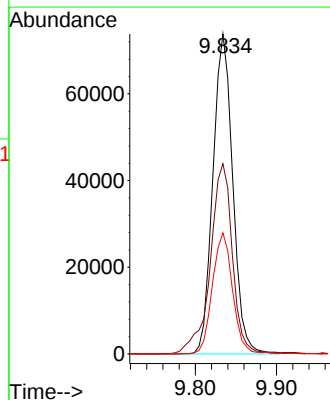
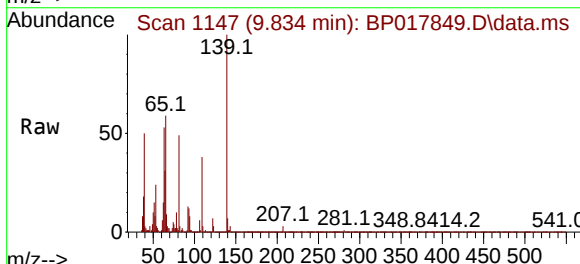
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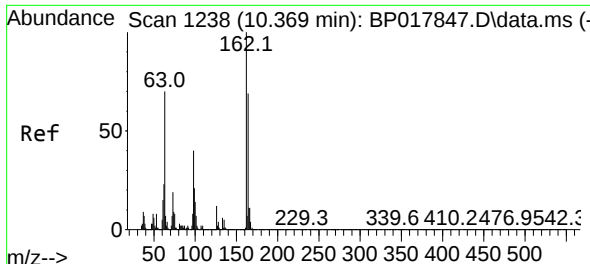
Tgt Ion: 77 Resp: 142710
Ion Ratio Lower Upper
77 100
123 41.5 33.5 50.3
65 14.2 10.8 16.2



#25
2-Nitrophenol
Concen: 23.730 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion: 139 Resp: 125658
Ion Ratio Lower Upper
139 100
65 59.4 40.4 60.6
109 37.9 25.4 38.2





#29

2,4-Dichlorophenol

Concen: 23.677 ng/ul

RT: 10.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

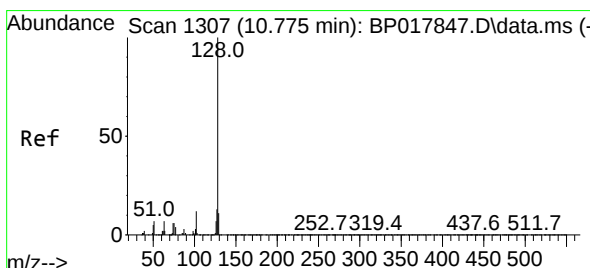
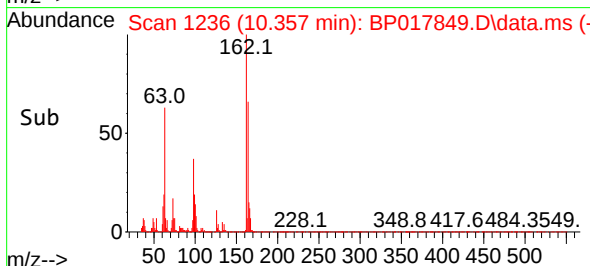
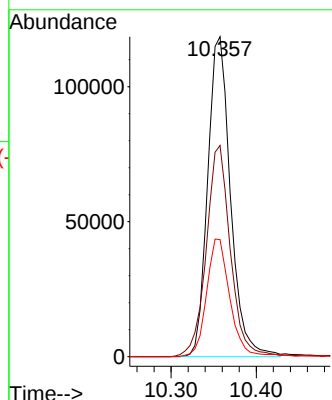
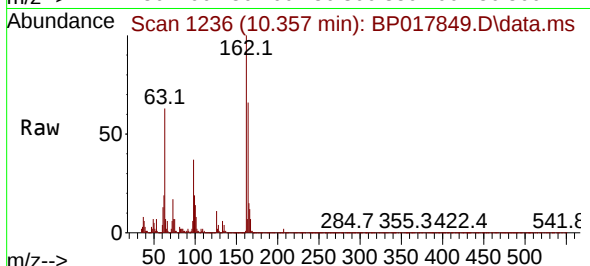
Tgt Ion:162 Resp: 220330

Ion Ratio Lower Upper

162 100

164 66.0 53.8 80.8

98 36.6 25.5 38.3



#30

Naphthalene

Concen: 12.109 ng/ul

RT: 10.757 min Scan# 1304

Delta R.T. -0.018 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

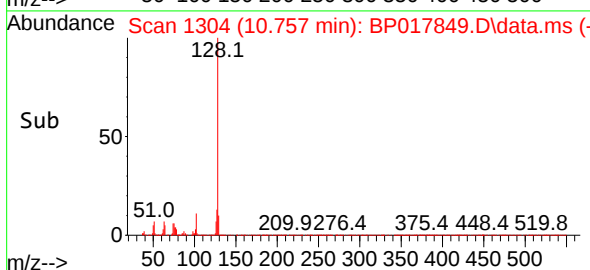
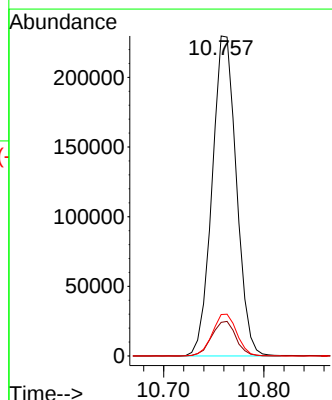
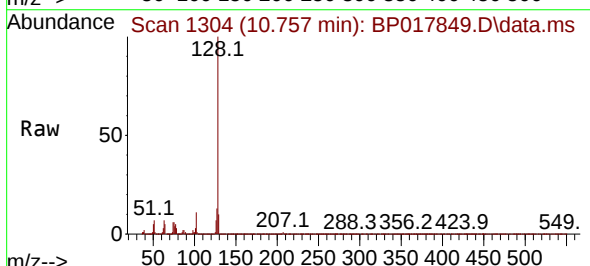
Tgt Ion:128 Resp: 386137

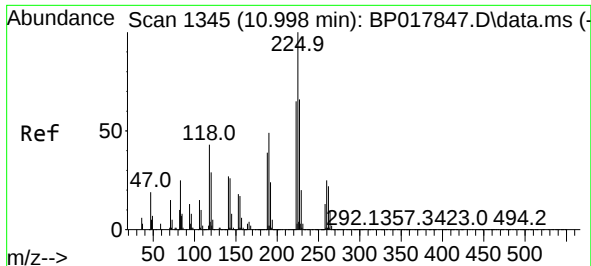
Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 13.0 10.5 15.7

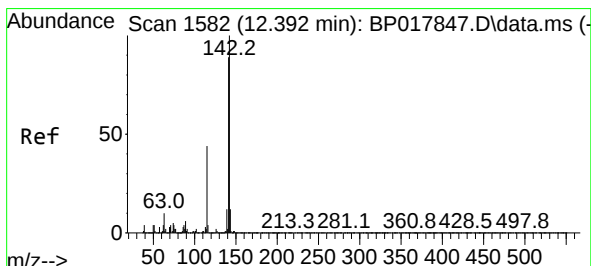
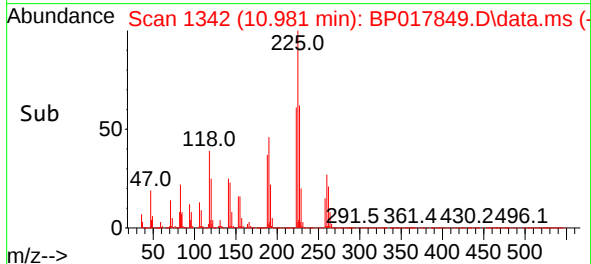
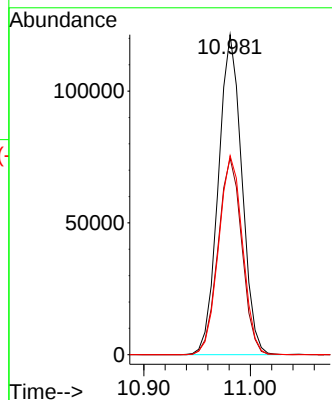
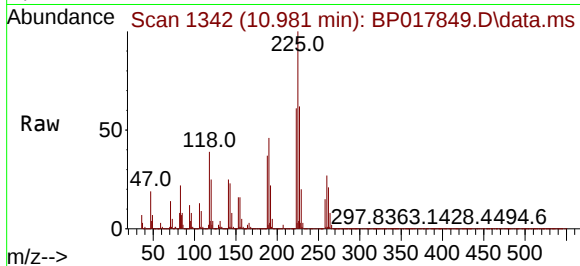




#33
Hexachlorobutadiene
Concen: 24.620 ng/ul
RT: 10.981 min Scan# 11
Delta R.T. -0.012 min
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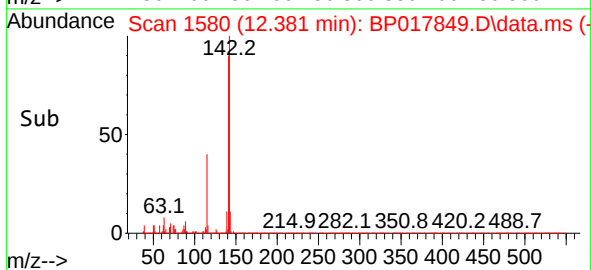
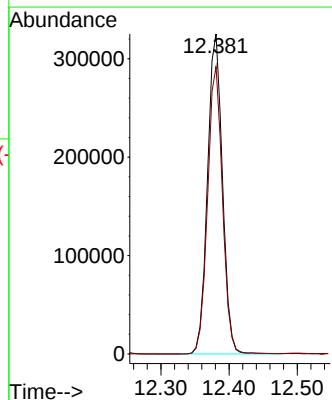
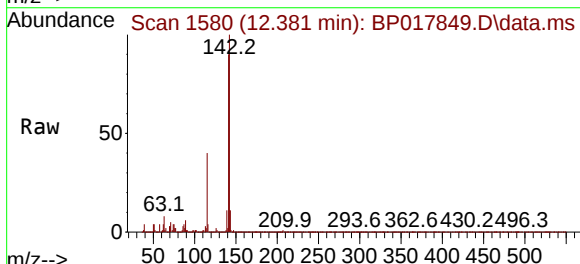
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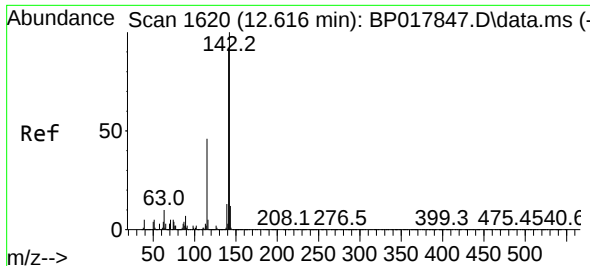
Tgt Ion:225 Resp: 186023
Ion Ratio Lower Upper
225 100
223 61.4 50.6 75.8
227 62.2 50.1 75.1



#36
2-Methylnaphthalene
Concen: 23.016 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion:142 Resp: 495755
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3





#37

1-Methylnaphthalene

Concen: 34.720 ng/ul

RT: 12.598 min Scan# 1617

Delta R.T. -0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

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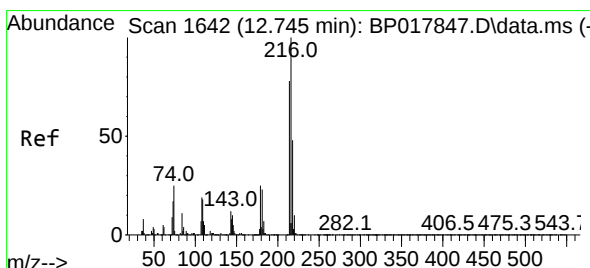
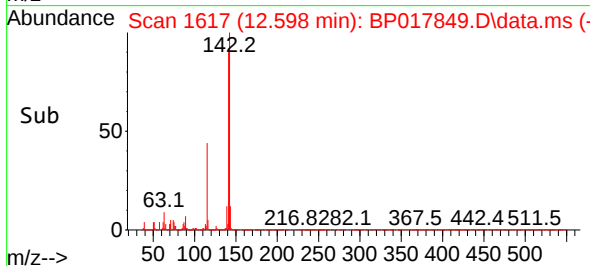
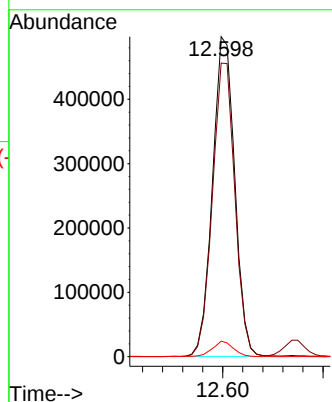
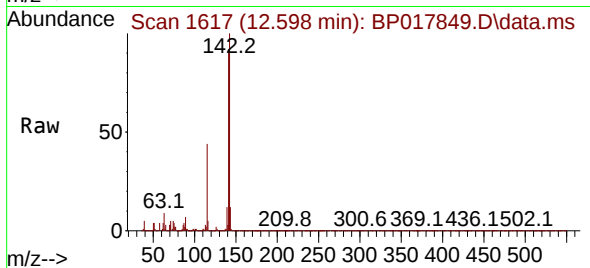
Tgt Ion:142 Resp: 764822

Ion Ratio Lower Upper

142 100

141 91.8 72.5 108.7

116 4.8 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.657 ng/ul

RT: 12.734 min Scan# 1640

Delta R.T. -0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Tgt Ion:216 Resp: 124773

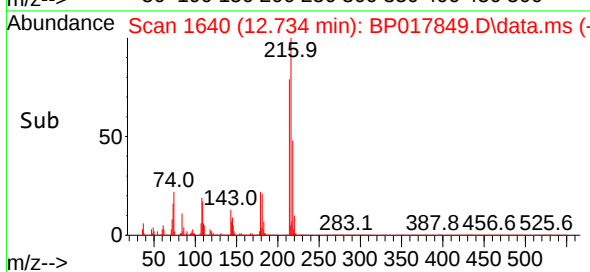
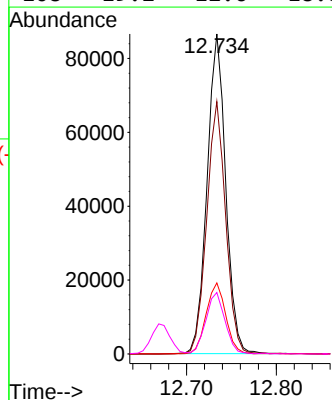
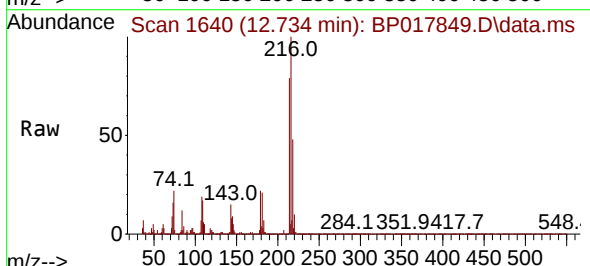
Ion Ratio Lower Upper

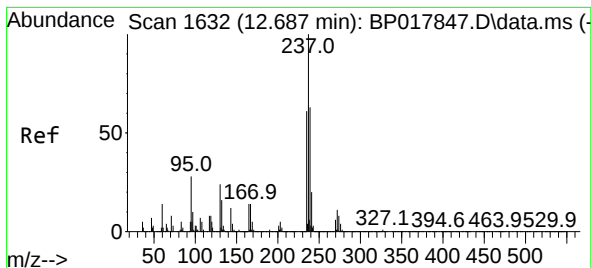
216 100

214 78.8 62.2 93.2

179 22.2 15.8 23.8

108 19.2 12.6 18.8#





#40

Hexachlorocyclopentadiene

Concen: 40.507 ng/ul

RT: 12.675 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

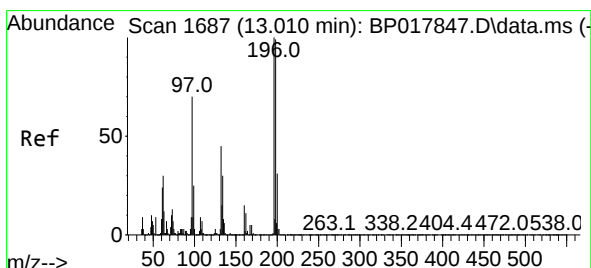
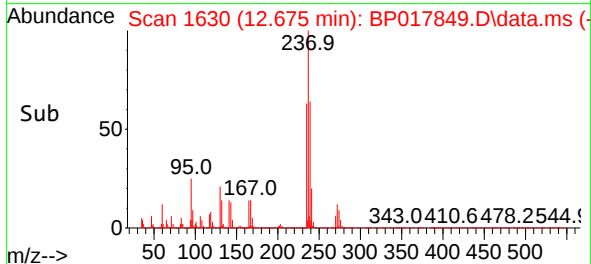
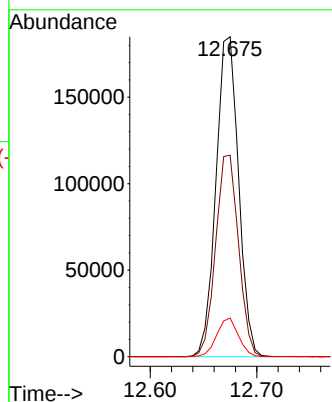
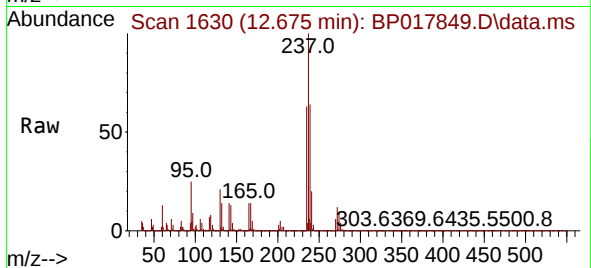
Tgt Ion:237 Resp: 272464

Ion Ratio Lower Upper

237 100

235 63.0 50.3 75.5

272 12.1 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 40.155 ng/ul

RT: 12.998 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

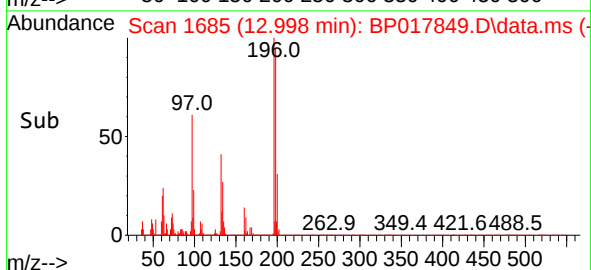
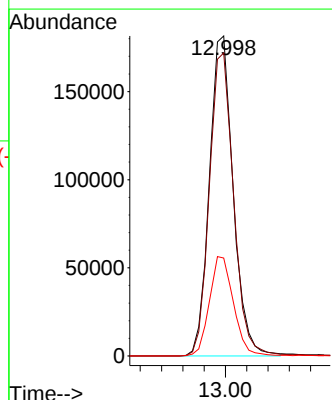
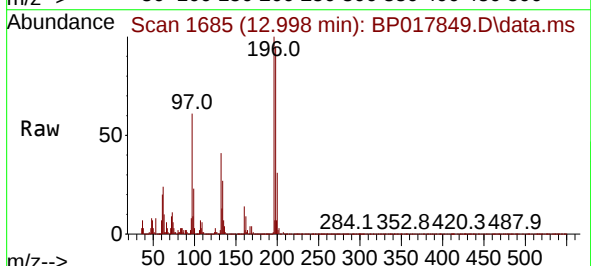
Tgt Ion:196 Resp: 282146

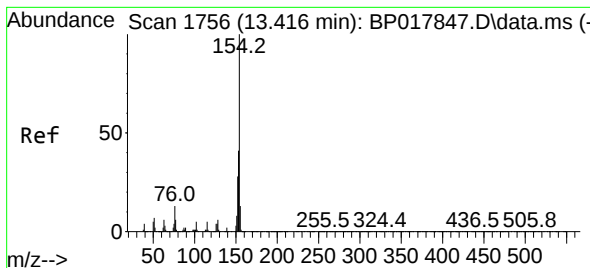
Ion Ratio Lower Upper

196 100

198 94.7 74.7 112.1

200 30.6 23.7 35.5





#43

1,1'-Biphenyl

Concen: 49.165 ng/ul

RT: 13.404 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

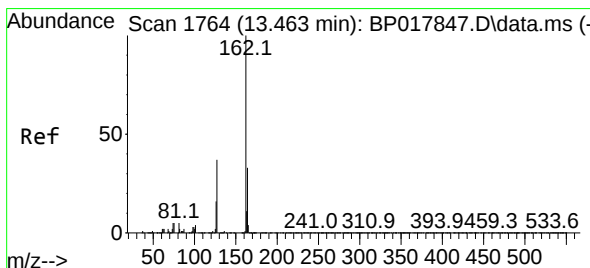
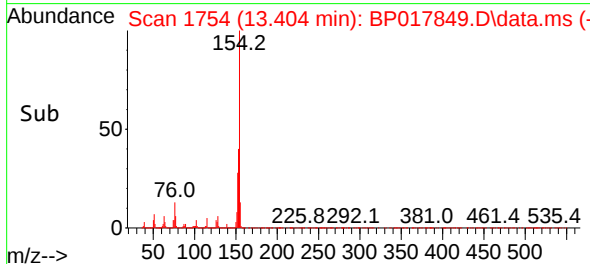
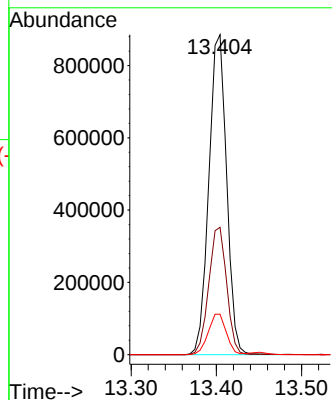
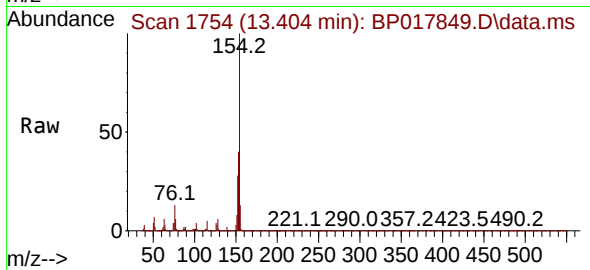
Tgt Ion:154 Resp: 1281556

Ion Ratio Lower Upper

154 100

153 39.8 32.6 49.0

76 12.6 9.8 14.8



#44

2-Chloronaphthalene

Concen: 11.585 ng/ul

RT: 13.445 min Scan# 1761

Delta R.T. -0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

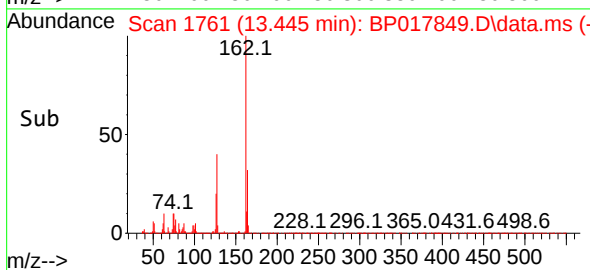
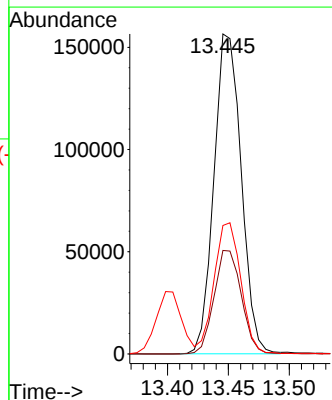
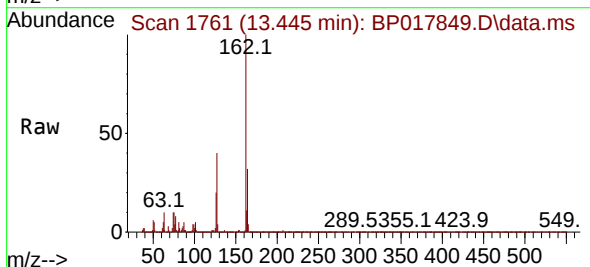
Tgt Ion:162 Resp: 244112

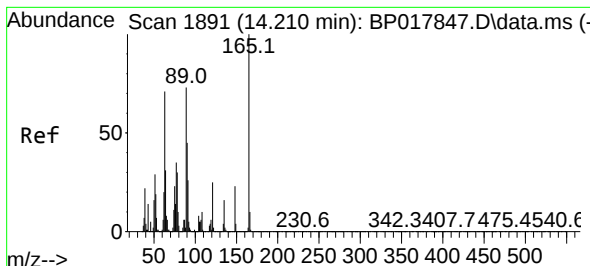
Ion Ratio Lower Upper

162 100

164 32.4 25.9 38.9

127 40.1 29.9 44.9





#48

2,6-Dinitrotoluene

Concen: 40.941 ng/ul

RT: 14.198 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

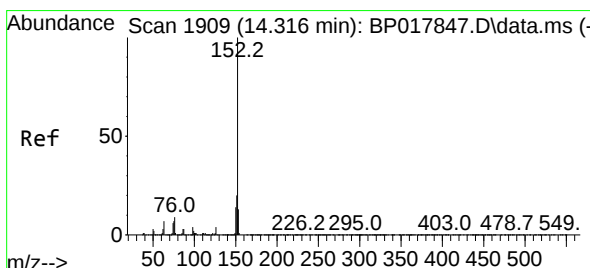
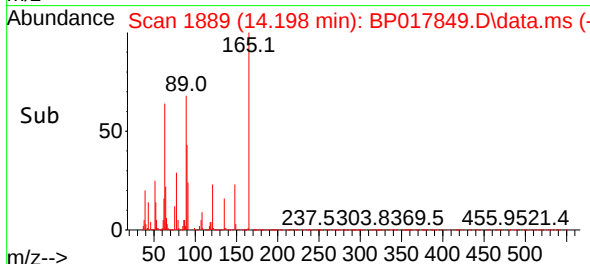
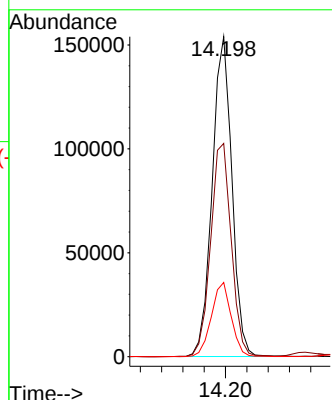
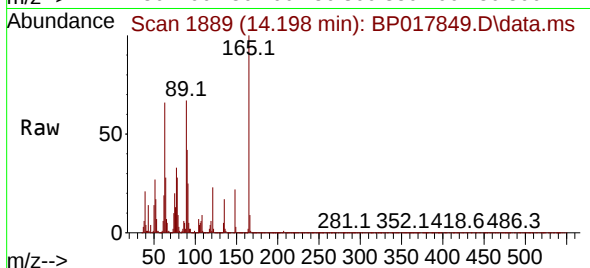
Tgt Ion:165 Resp: 197262

Ion Ratio Lower Upper

165 100

89 66.6 48.0 72.0

121 23.2 16.6 24.8



#50

Acenaphthylene

Concen: 15.407 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

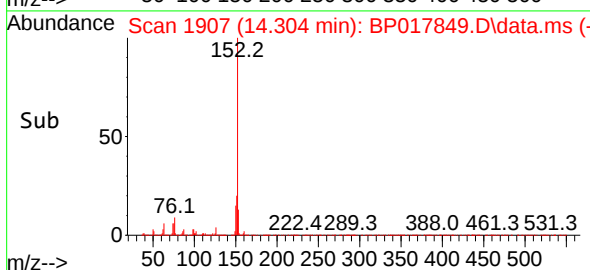
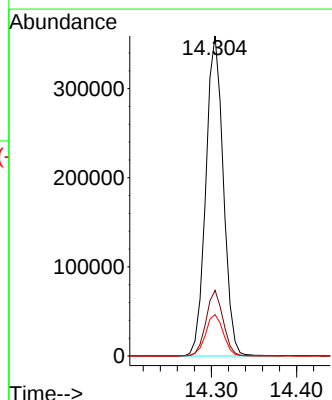
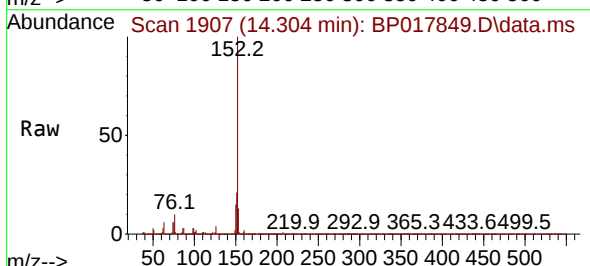
Tgt Ion:152 Resp: 511203

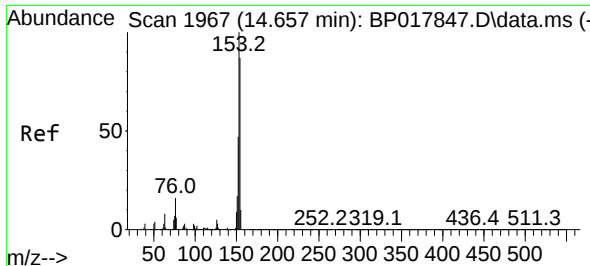
Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 12.9 10.8 16.2

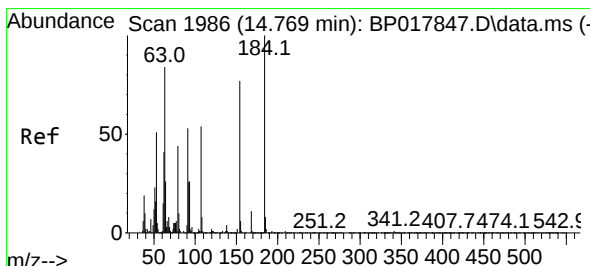
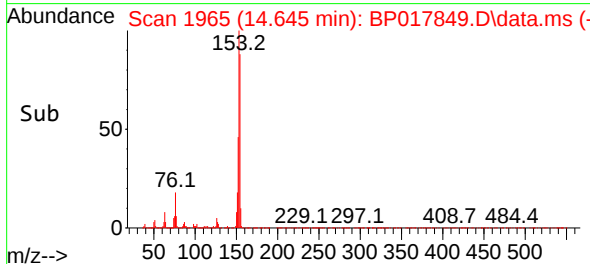
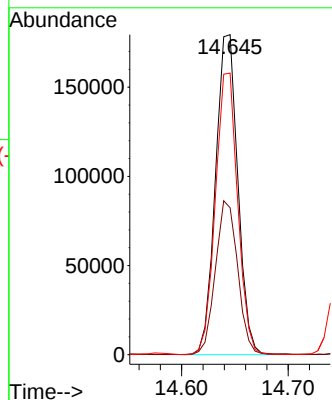
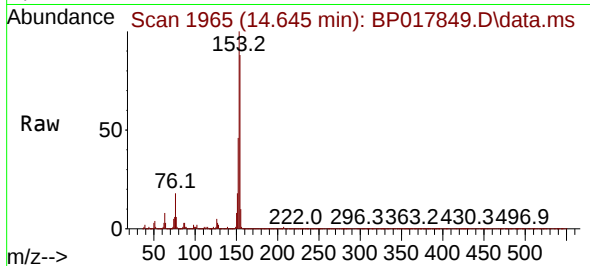




#52
Acenaphthene
Concen: 11.636 ng/ul
RT: 14.645 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

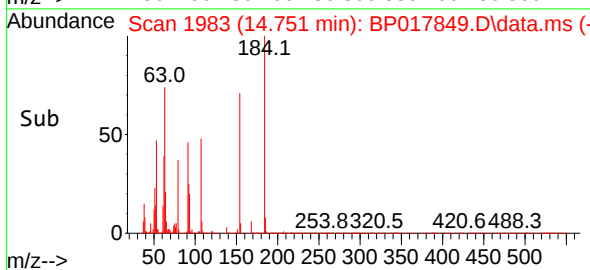
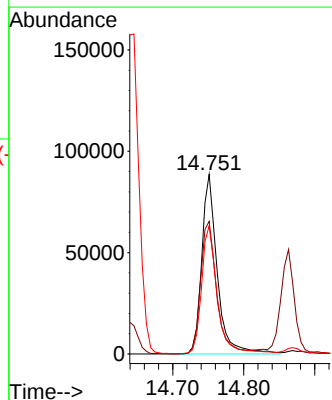
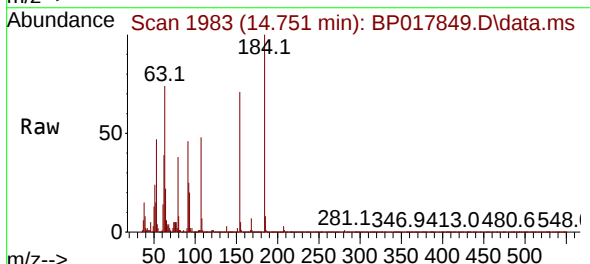
Instrument :
BNA_P
ClientSampleId :
A4A85

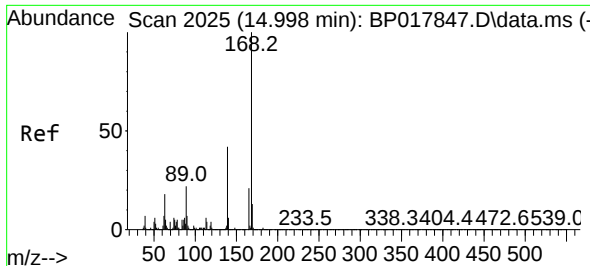
Tgt Ion:153 Resp: 261001
Ion Ratio Lower Upper
153 100
152 45.9 37.6 56.4
154 88.0 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 49.798 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion:184 Resp: 134689
Ion Ratio Lower Upper
184 100
63 73.9 50.6 76.0
154 71.4 47.9 71.9

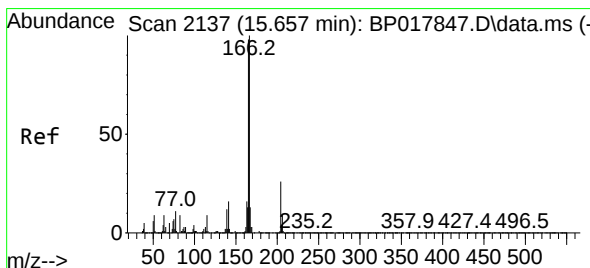
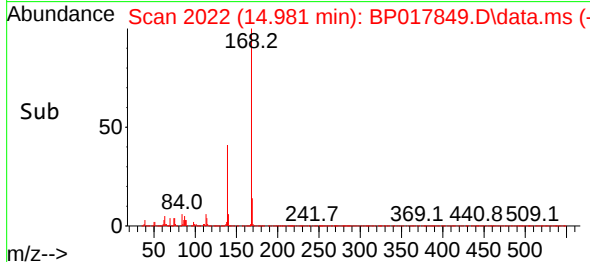
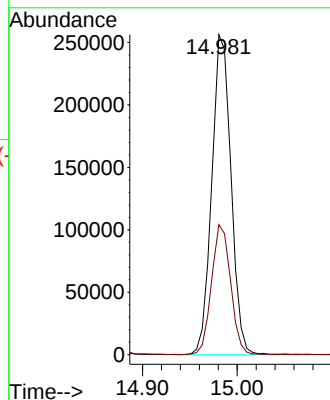
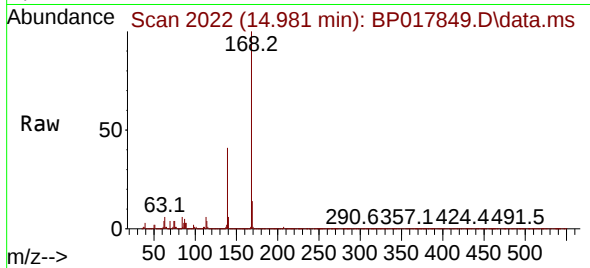




#56
Dibenzenofuran
Concen: 11.473 ng/ul
RT: 14.981 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

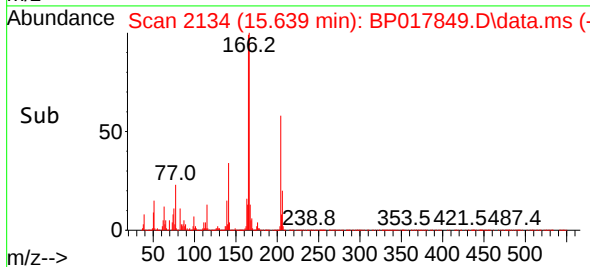
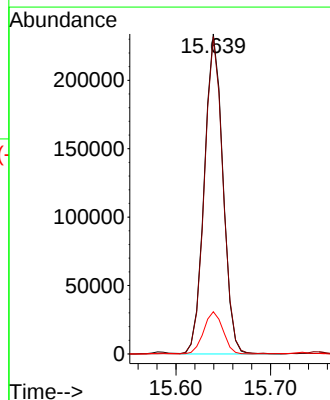
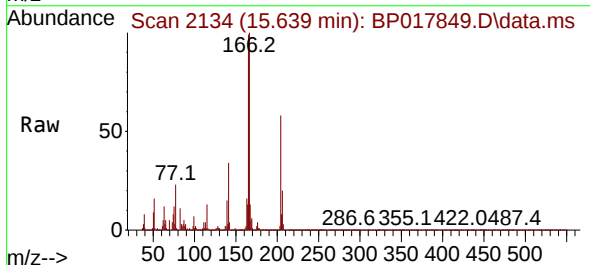
Instrument :
BNA_P
ClientSampleId :
A4A85

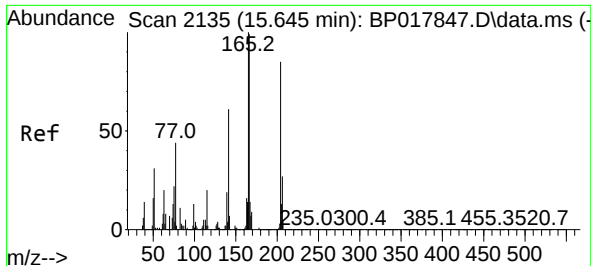
Tgt Ion:168 Resp: 361294
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0



#61
Fluorene
Concen: 12.287 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion:166 Resp: 317848
Ion Ratio Lower Upper
166 100
165 99.2 77.4 116.0
167 13.2 10.9 16.3

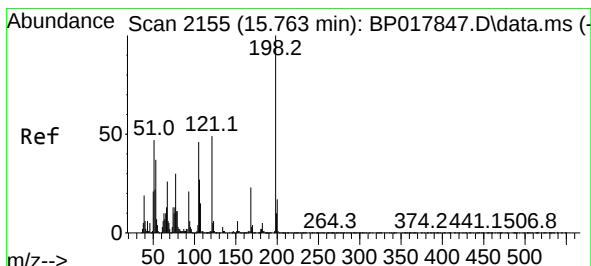
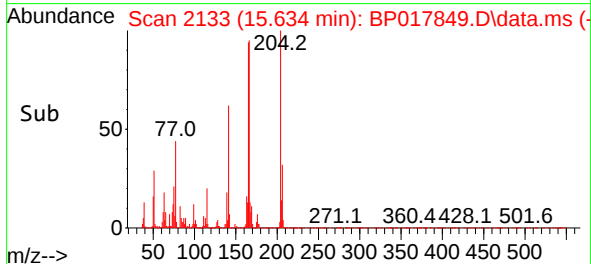
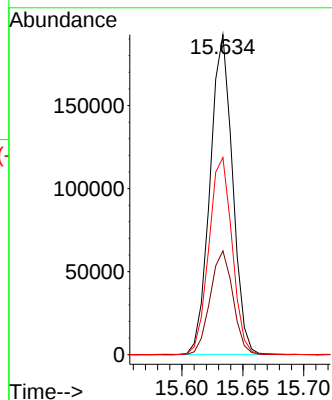
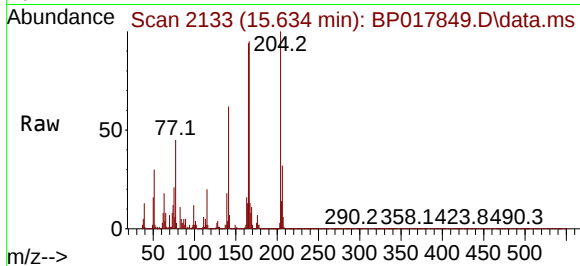




#62
4-Chlorophenyl-phenylether
Concen: 17.938 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

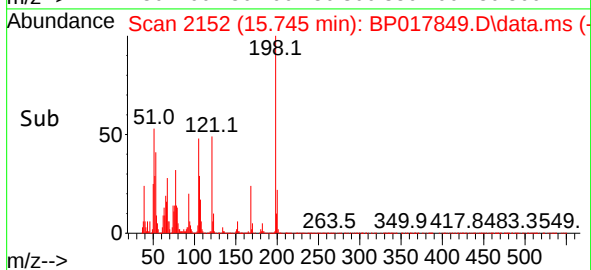
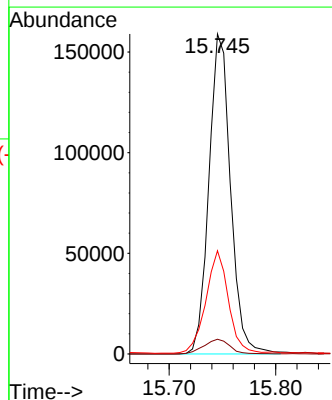
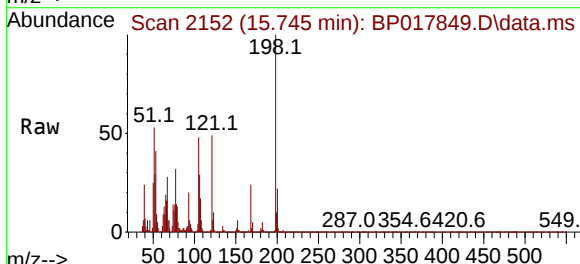
Instrument :
BNA_P
ClientSampleId :
A4A85

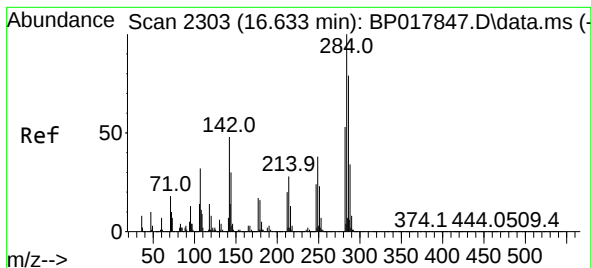
Tgt Ion:204 Resp: 246633
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 61.6 42.9 64.3



#66
4,6-Dinitro-2-methylphenol
Concen: 48.732 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion:198 Resp: 224008
Ion Ratio Lower Upper
198 100
182 4.6 3.9 5.9
77 32.3 19.8 29.8#





#69

Hexachlorobenzene

Concen: 32.969 ng/ul

RT: 16.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

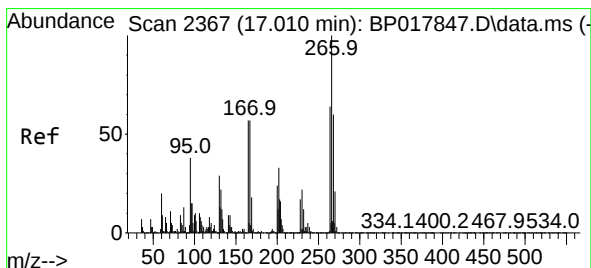
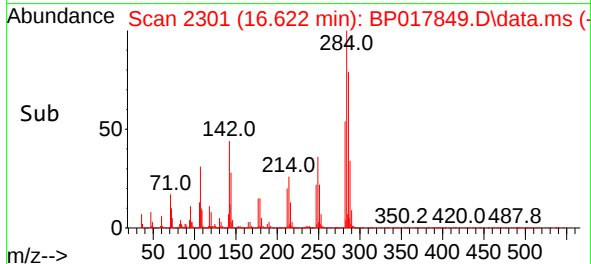
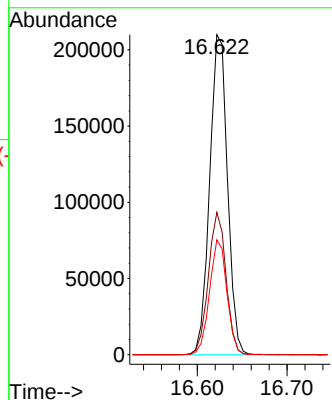
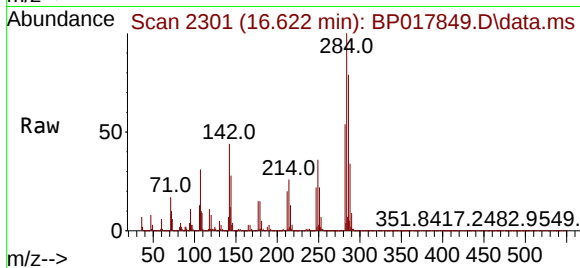
Tgt Ion:284 Resp: 288551

Ion Ratio Lower Upper

284 100

142 44.4 27.6 41.4#

249 35.9 24.5 36.7



#71

Pentachlorophenol

Concen: 52.648 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

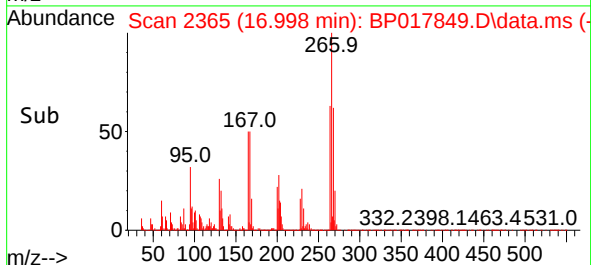
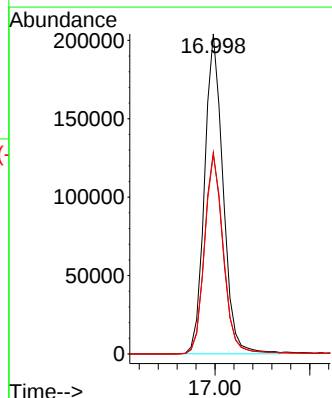
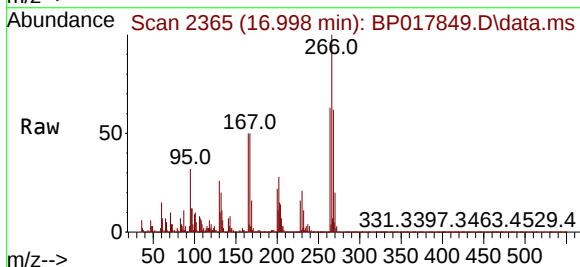
Tgt Ion:266 Resp: 277022

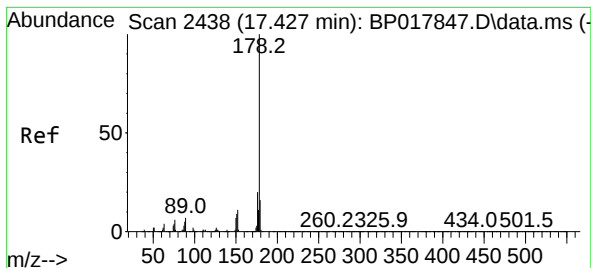
Ion Ratio Lower Upper

266 100

264 63.0 49.4 74.2

268 62.3 50.3 75.5





#72

Phenanthrene

Concen: 12.015 ng/ul

RT: 17.416 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

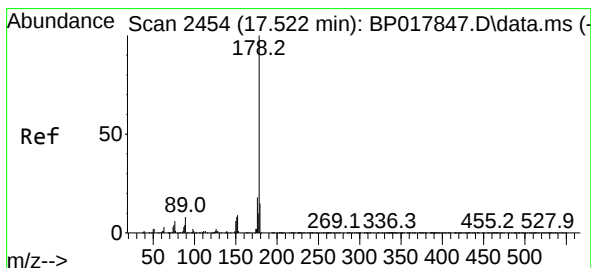
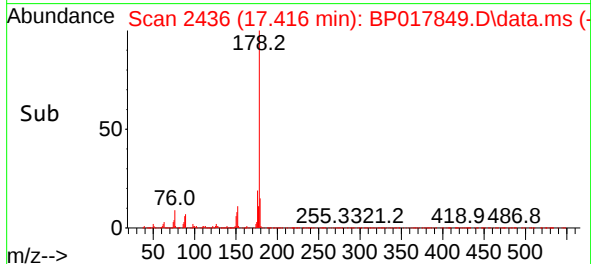
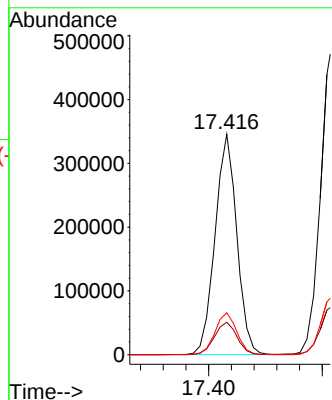
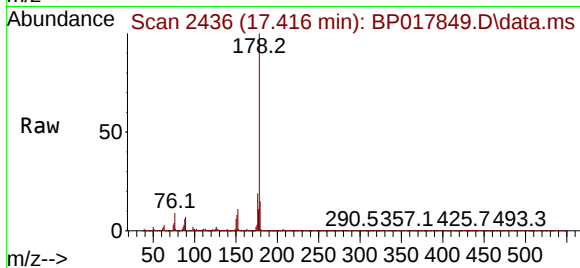
Tgt Ion:178 Resp: 458578

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

176 19.0 15.3 22.9



#74

Anthracene

Concen: 18.310 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

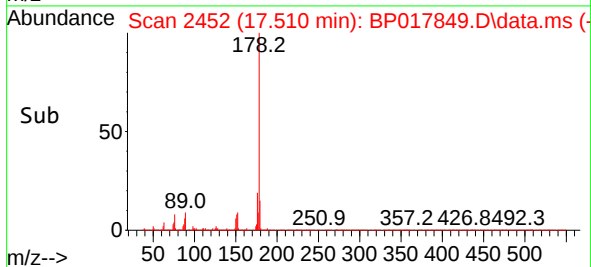
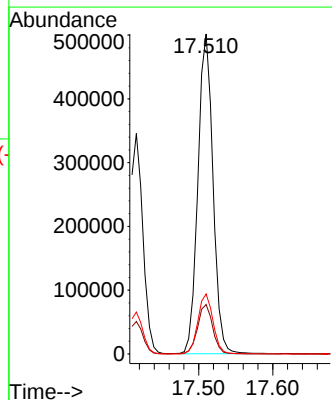
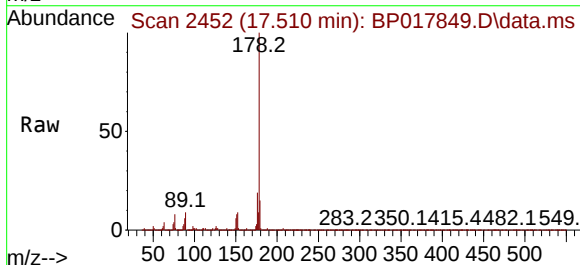
Tgt Ion:178 Resp: 707813

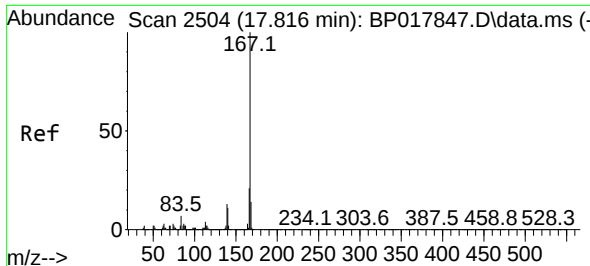
Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 18.8 14.8 22.2

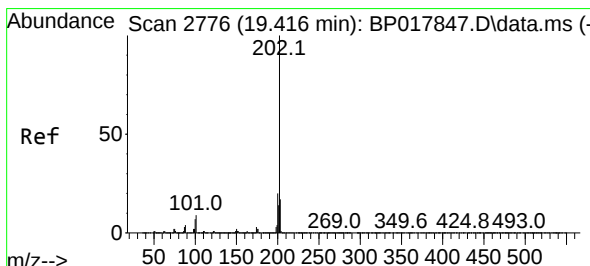
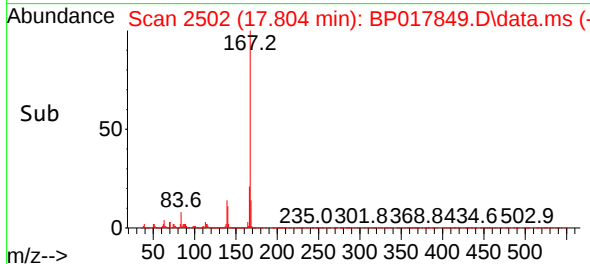
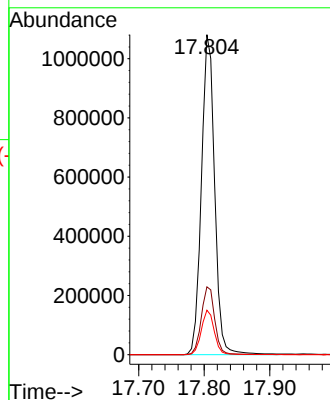
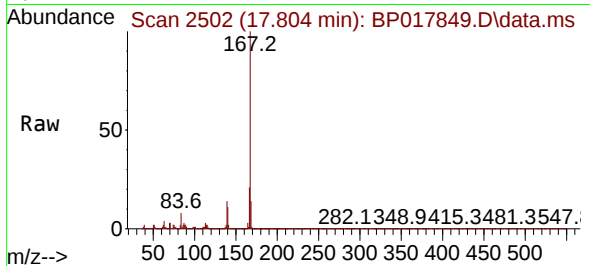




#77
Carbazole
Concen: 46.552 ng/ul
RT: 17.804 min Scan# 2502
Delta R.T. -0.006 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

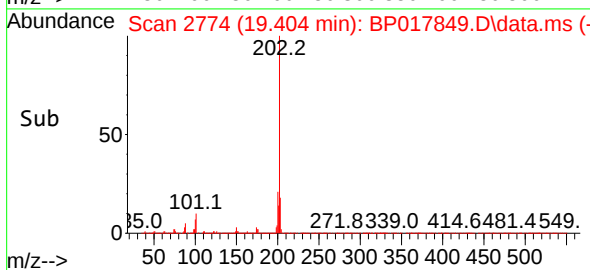
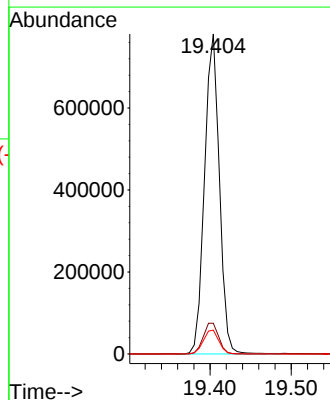
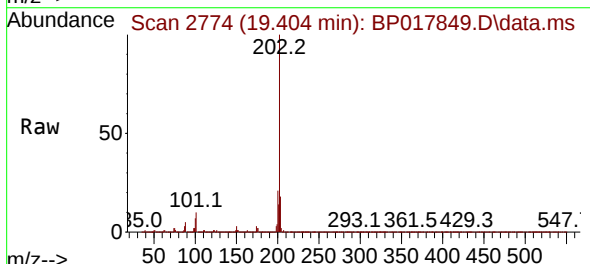
Instrument :
BNA_P
ClientSampleId :
A4A85

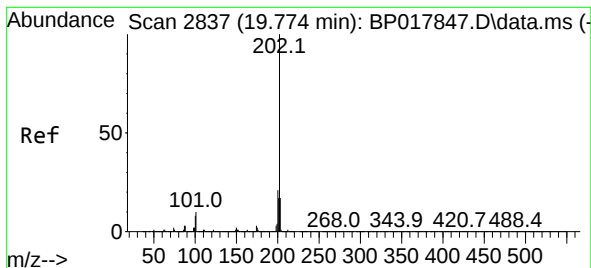
Tgt Ion:167 Resp: 1520930
Ion Ratio Lower Upper
167 100
166 21.2 16.7 25.1
139 13.9 9.8 14.6



#80
Fluoranthene
Concen: 24.224 ng/ul
RT: 19.404 min Scan# 2774
Delta R.T. -0.000 min
Lab File: BP017849.D
Acq: 01 Nov 2023 13:27

Tgt Ion:202 Resp: 987283
Ion Ratio Lower Upper
202 100
101 9.6 7.1 10.7
100 7.5 5.7 8.5





#82

Pyrene

Concen: 23.037 ng/ul

RT: 19.763 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

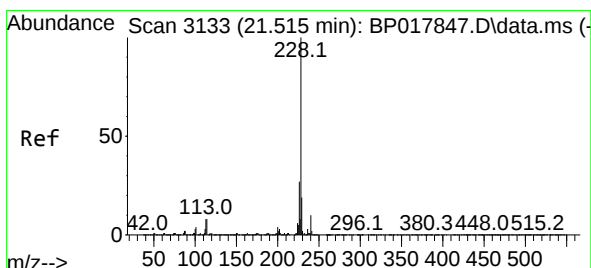
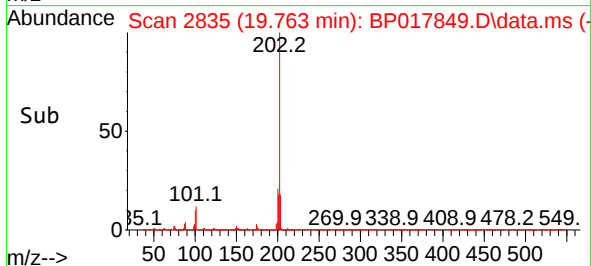
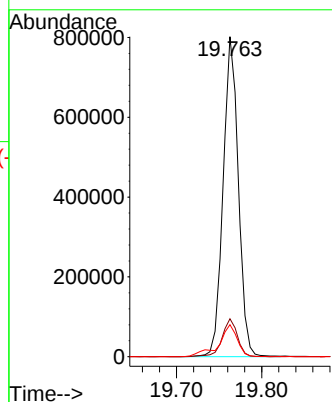
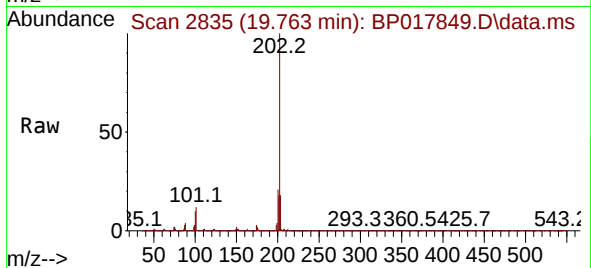
Tgt Ion:202 Resp: 994718

Ion Ratio Lower Upper

202 100

101 11.9 8.3 12.5

100 10.0 7.4 11.0



#85

Benzo(a)anthracene

Concen: 30.738 ng/ul

RT: 21.504 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

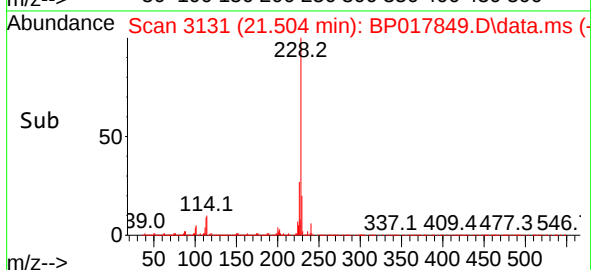
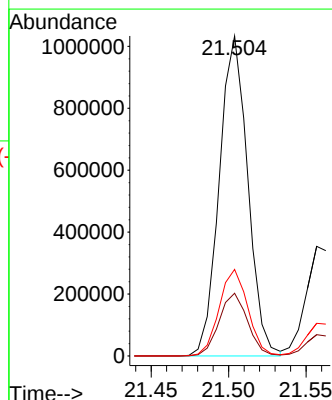
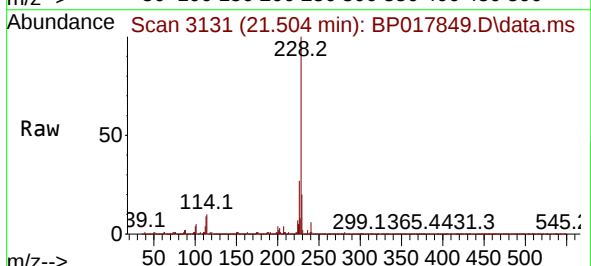
Tgt Ion:228 Resp: 1322144

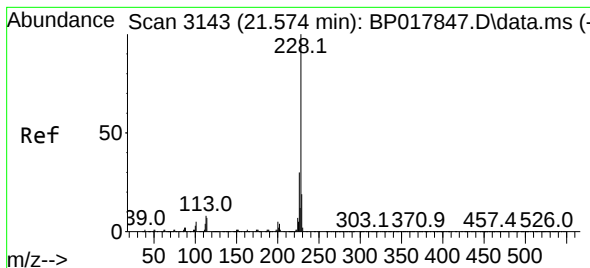
Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.1 21.1 31.7





#87

Chrysene

Concen: 11.523 ng/ul

RT: 21.557 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

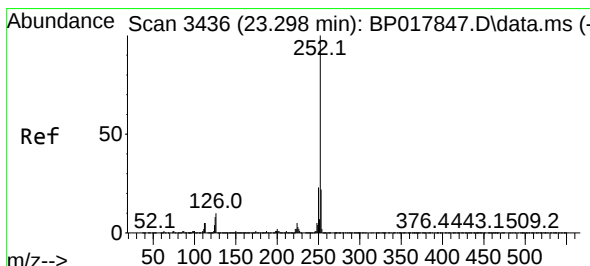
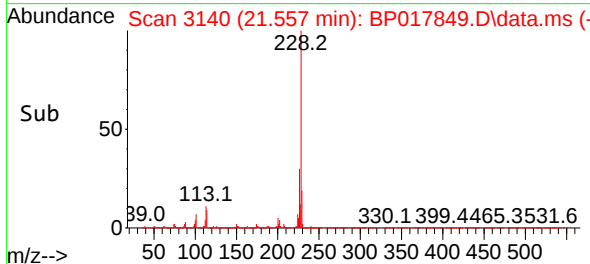
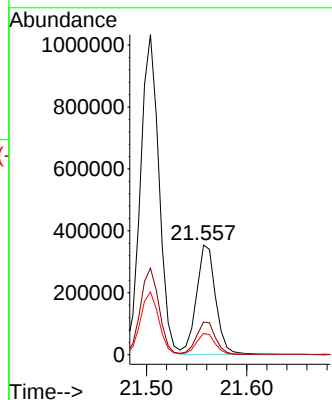
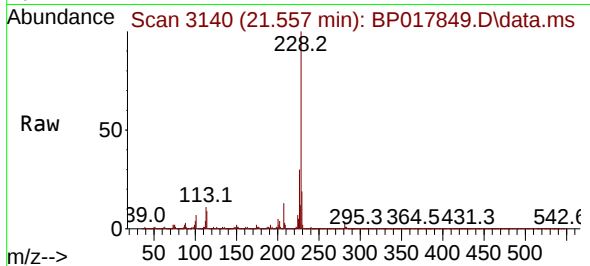
Tgt Ion:228 Resp: 468694

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 25.370 ng/ul

RT: 23.286 min Scan# 3434

Delta R.T. 0.012 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

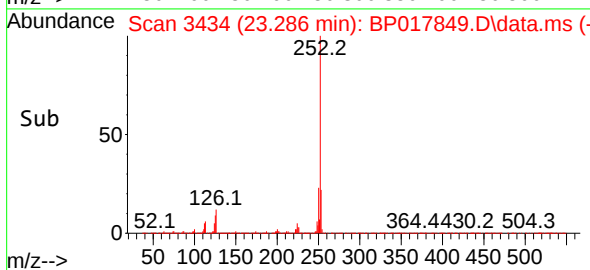
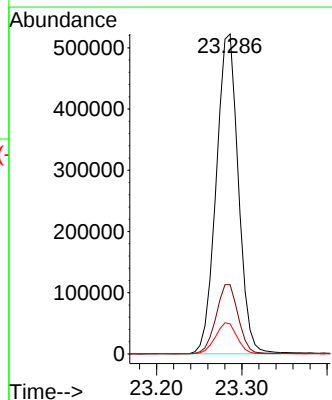
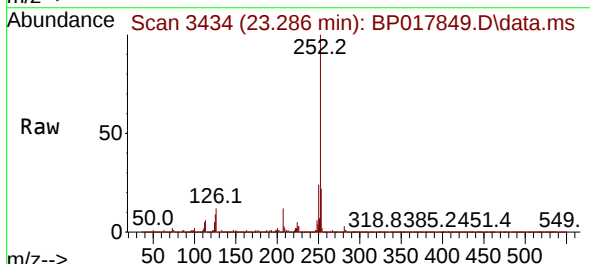
Tgt Ion:252 Resp: 942393

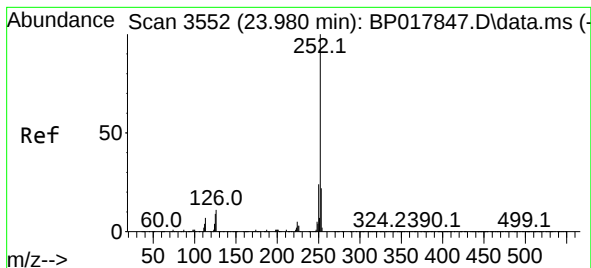
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.4 7.1 10.7





#93

Benzo(a)pyrene

Concen: 14.719 ng/ul

RT: 23.963 min Scan# 3549

Delta R.T. 0.006 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

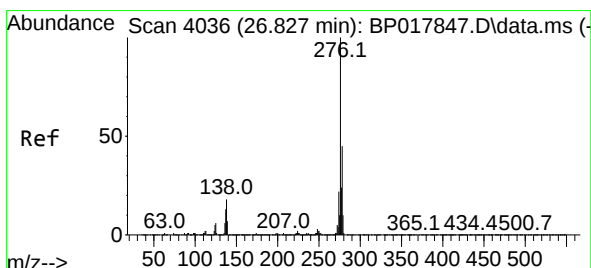
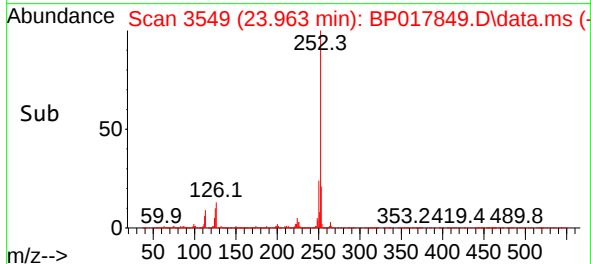
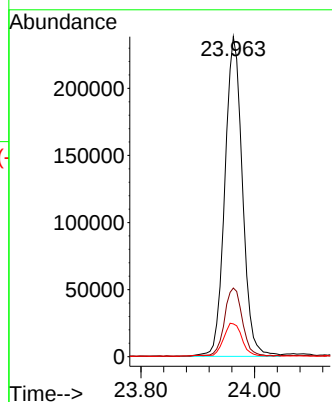
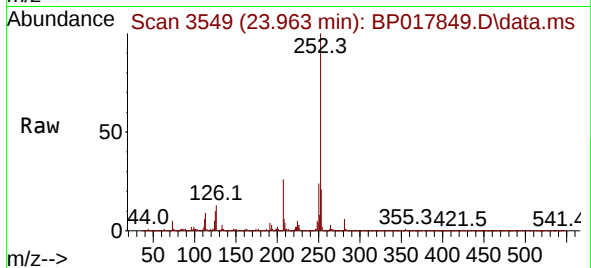
Tgt Ion:252 Resp: 513289

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 10.3 7.8 11.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.946 ng/ul

RT: 26.798 min Scan# 4031

Delta R.T. 0.018 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

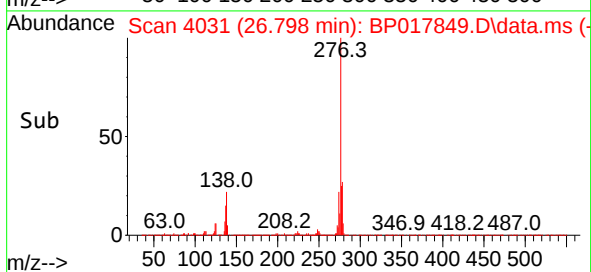
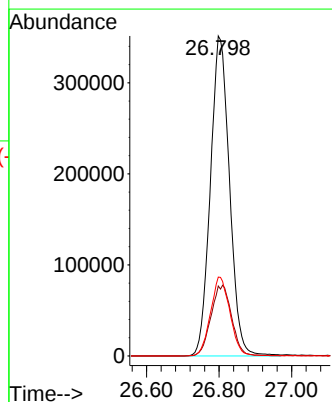
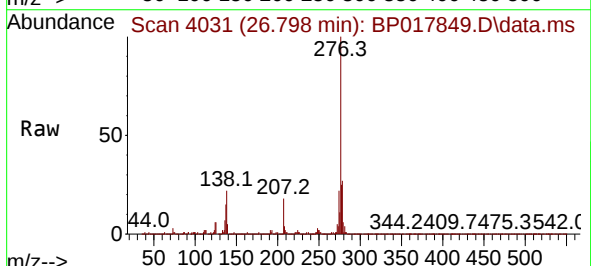
Tgt Ion:276 Resp: 1286170

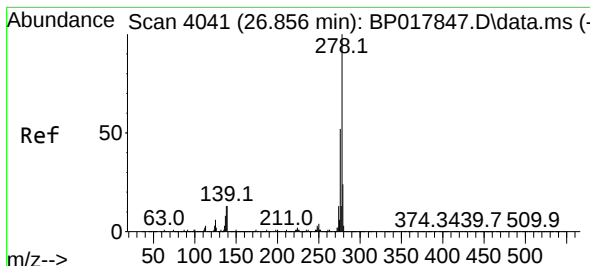
Ion Ratio Lower Upper

276 100

138 21.8 15.6 23.4

277 24.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 26.176 ng/ul

RT: 26.827 min Scan# 4041

Delta R.T. 0.018 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Instrument :

BNA_P

ClientSampleId :

A4A85

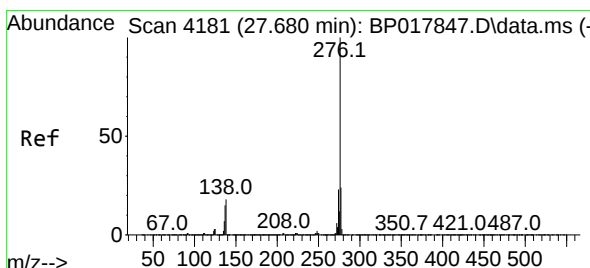
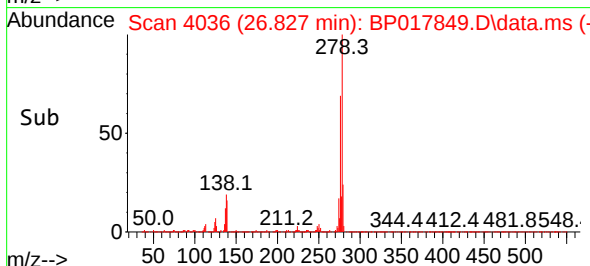
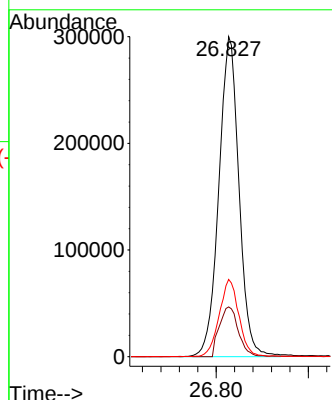
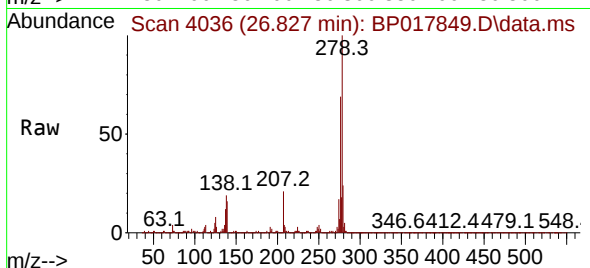
Tgt Ion:278 Resp: 907751

Ion Ratio Lower Upper

278 100

139 15.5 11.4 17.2

279 24.1 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 13.834 ng/ul

RT: 27.645 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BP017849.D

Acq: 01 Nov 2023 13:27

Tgt Ion:276 Resp: 463264

Ion Ratio Lower Upper

276 100

138 22.9 15.0 22.6#

277 24.0 18.5 27.7

