

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011462.D
 Acq On : 17 Aug 2022 14:47
 Operator : CG/JU
 Sample : N4173-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 17 23:28:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	111270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	473077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	267444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	488662	20.000	ng/u1	0.02
79) Chrysene-d12	21.175	240	576051	20.000	ng/u1	0.04
88) Perylene-d12	23.357	264	800561	20.000	ng/u1	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	13504	3.766	ng/uL	0.00
4) Pyridine-d5	3.481	84	110711	12.060	ng/u1	0.00
7) Phenol-d5	6.746	99	274947	26.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	168059	25.298	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	220782	29.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	226310	27.652	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	108353	31.814	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	111279	32.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	203296	31.774	ng/u1	0.00
31) 4-Chloroaniline-d4	10.505	131	279155	26.210	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	560387	29.625	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	663459	31.558	ng/u1	0.00
54) 4-Nitrophenol-d4	14.475	143	81972	22.492	ng/u1	0.01
60) Fluorene-d10	15.240	176	474448	29.814	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	35288	13.364	ng/u1	0.04
73) Anthracene-d10	17.128	188	736703	34.040	ng/u1	0.02
81) Pyrene-d10	19.398	212	803561	27.571	ng/u1	0.04
92) Benzo(a)pyrene-d12	23.357	264	780037	20.031	ng/u1	0.08
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	39981	10.693	ng/uL	96
5) Pyridine	3.499	79	208334	22.735	ng/u1	93
6) Benzaldehyde	6.716	77	187883	40.039	ng/u1	97
8) Phenol	6.775	94	428555	40.784	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.005	93	282133	34.420	ng/u1	98
12) 2-Chlorophenol	7.128	128	311136	38.447	ng/u1	98
13) 2-Methylphenol	8.016	108	311569	40.249	ng/u1	99
16) Acetophenone	8.393	105	479969	35.253	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.387	70	240176	35.465	ng/u1	93
18) 4-Methylphenol	8.352	108	368401	42.986	ng/u1	99
19) Hexachloroethane	8.622	117	127774	34.808	ng/u1	97
22) Nitrobenzene	8.769	77	362801	37.792	ng/u1	95
23) Isophorone	9.299	82	668069	39.644	ng/u1	99
25) 2-Nitrophenol	9.475	139	167205	42.280	ng/u1	97
26) 2,4-Dimethylphenol	9.546	107	402112	42.823	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.787	93	377722	37.082	ng/u1	98
29) 2,4-Dichlorophenol	10.010	162	277907	42.442	ng/u1	98
30) Naphthalene	10.410	128	8193761	328.030	ng/u1	99
32) 4-Chloroaniline	10.528	127	296164	26.839	ng/u1	99
33) Hexachlorobutadiene	10.681	225	153123	36.733	ng/u1	96
34) Caprolactam	11.340	113	93665	39.450	ng/u1	91
35) 4-Chloro-3-methylphenol	11.669	107	341138	41.207	ng/u1	97
36) 2-Methylnaphthalene	12.034	142	1880952	115.742	ng/u1	98
37) 1-Methylnaphthalene	12.252	142	1524520	92.492	ng/u1	97

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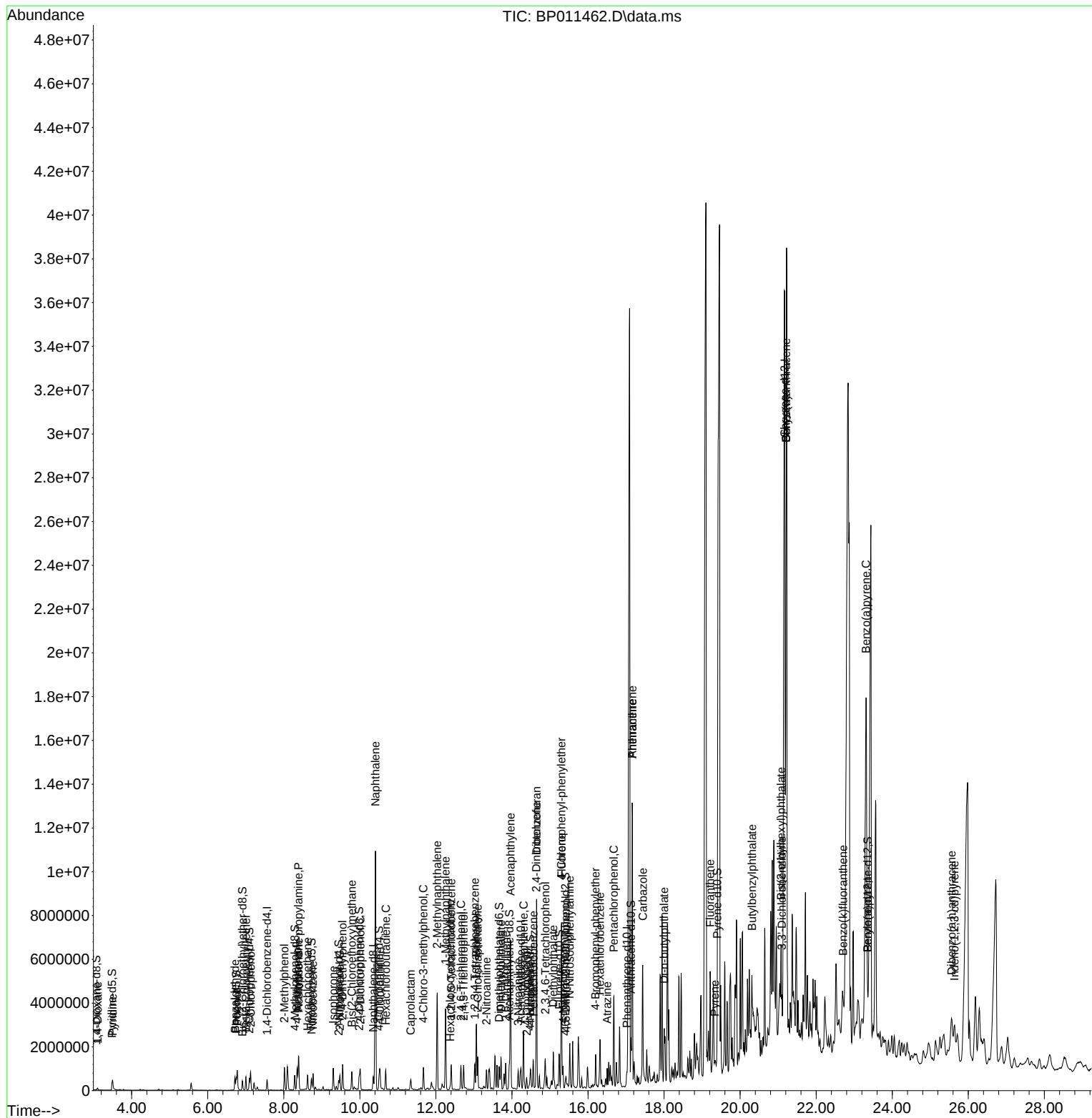
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.404	216	280342	41.299	ng/ul	96
40) Hexachlorocyclopentadiene	12.375	237	30669	7.283	ng/ul	96
41) 2,4,6-Trichlorophenol	12.657	196	198276	45.384	ng/ul	99
42) 2,4,5-Trichlorophenol	12.728	196	213832	43.968	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	1330405	66.761	ng/ul	100
44) 2-Chloronaphthalene	13.099	162	610381	40.647	ng/ul	100
45) 2-Nitroaniline	13.328	65	230823	45.037	ng/ul	94
47) Dimethylphthalate	13.710	163	772448	39.510	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	162744	46.301	ng/ul	91
50) Acenaphthylene	13.963	152	4341570	173.828	ng/ul	99
51) 3-Nitroaniline	14.163	138	168860	44.105	ng/ul	99
52) Acenaphthene	14.304	153	932685	55.753	ng/ul	98
53) 2,4-Dinitrophenol	14.393	184	43635	20.283	ng/ul#	73
55) 4-Nitrophenol	14.493	109	156668	36.079	ng/ul	94
56) Dibenzofuran	14.645	168	4047543	175.453	ng/ul	100
57) 2,4-Dinitrotoluene	14.640	165	244456	46.458	ng/ul#	4
58) 2,3,4,6-Tetrachlorophenol	14.875	232	162701	42.611	ng/ul	98
59) Diethylphthalate	15.087	149	834367	38.965	ng/ul	99
61) Fluorene	15.304	166	2510678	133.032	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	330005	38.707	ng/ul	98
63) 4-Nitroaniline	15.345	138	174441	47.170	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.416	198	57905	21.200	ng/ul#	89
67) N-Nitrosodiphenylamine	15.522	169	638317	44.524	ng/ul	98
68) 4-Bromophenyl-phenylether	16.198	248	194969	44.695	ng/ul	95
69) Hexachlorobenzene	16.316	284	221432	44.046	ng/ul	97
70) Atrazine	16.504	200	124295	23.231	ng/ul	99
71) Pentachlorophenol	16.675	266	121627	39.018	ng/ul	99
72) Phenanthrene	17.163	178	6964609	263.316	ng/ul	99
74) Anthracene	17.163	178	6965616	261.038	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	280729	44.691	ng/uL	98
76) Pentachlorobenzene	14.563	250	266575	44.724	ng/uL	98
77) Carbazole	17.439	167	3122776	124.418	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1420855	45.970	ng/ul	99
80) Fluoranthene	19.210	202	2364154	65.960	ng/ul	99
82) Pyrene	19.333	202	180033	4.780	ng/ul	98
83) Butylbenzylphthalate	20.310	149	713886	42.257	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.098	252	369900	33.920	ng/ul	99
85) Benzo(a)anthracene	21.210	228	1990084	56.704	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.075	149	1072866	42.914	ng/ul	98
87) Chrysene	21.210	228	1990084	57.724	ng/ul	92
91) Benzo(k)fluoranthene	22.710	252	71362	1.502	ng/ul#	1
93) Benzo(a)pyrene	23.310	252	15638671	321.661	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.633	276	2202555	40.616	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.563	278	1667293	35.707	ng/ul	94

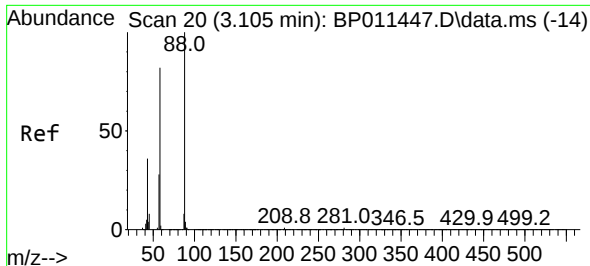
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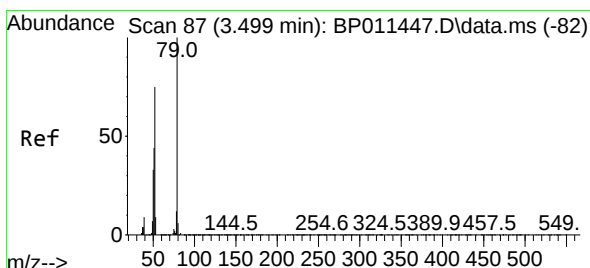
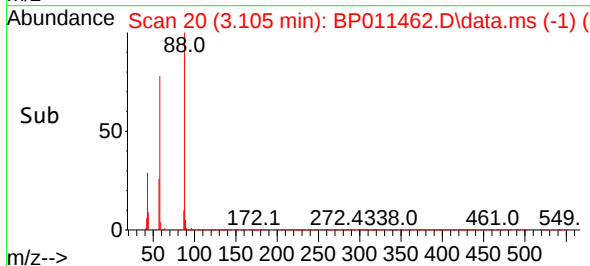
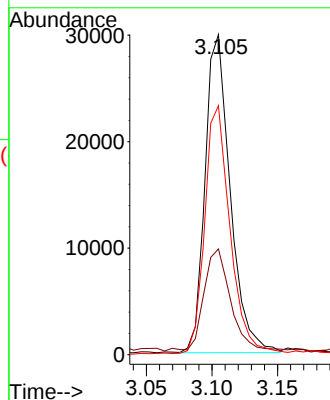
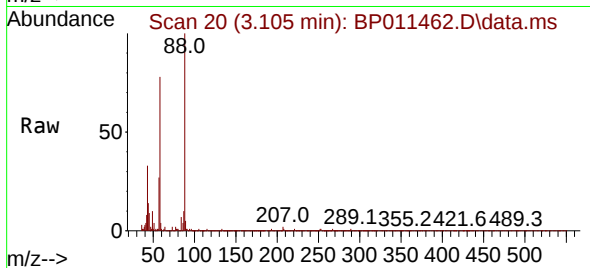




#2
 1,4-Dioxane
 Concen: 10.693 ng/uL
 RT: 3.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

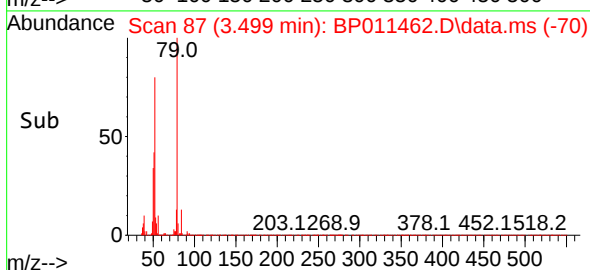
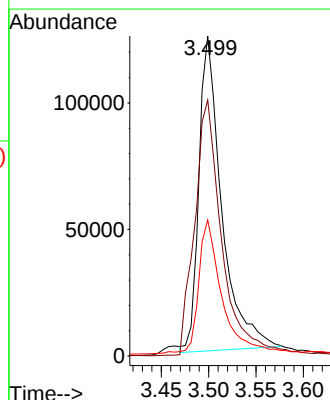
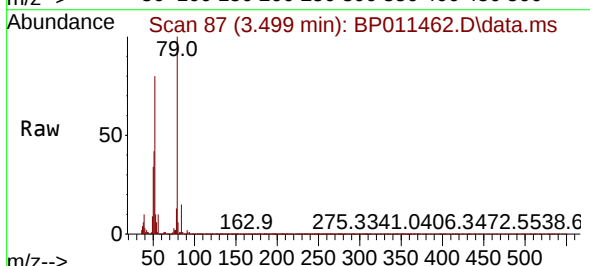
Instrument :
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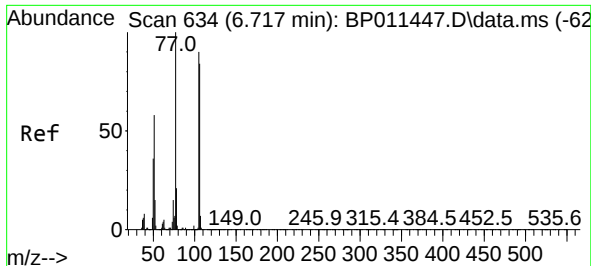
Tgt Ion: 88	Resp: 39981
Ion Ratio	Lower Upper
88 100	
43 33.1	29.0 43.4
58 77.8	64.7 97.1



#5
 Pyridine
 Concen: 22.735 ng/uL
 RT: 3.499 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

Tgt Ion: 79	Resp: 208334
Ion Ratio	Lower Upper
79 100	
52 80.0	70.2 105.2
51 42.5	36.1 54.1

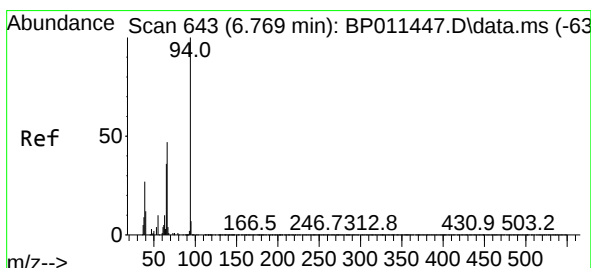
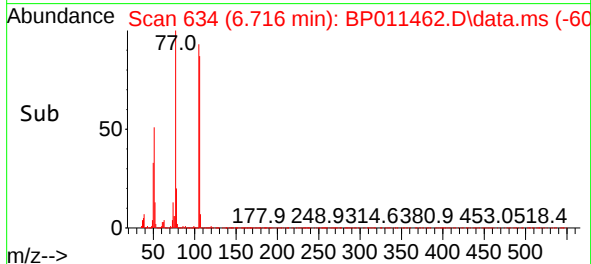
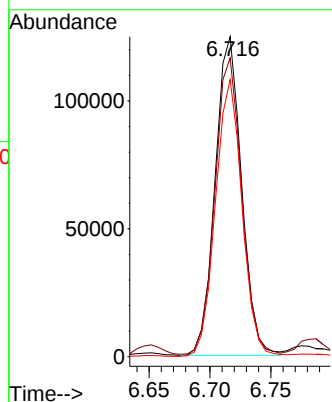
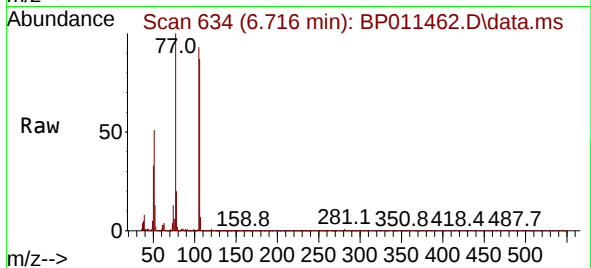




#6
Benzaldehyde
Concen: 40.039 ng/ul
RT: 6.716 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

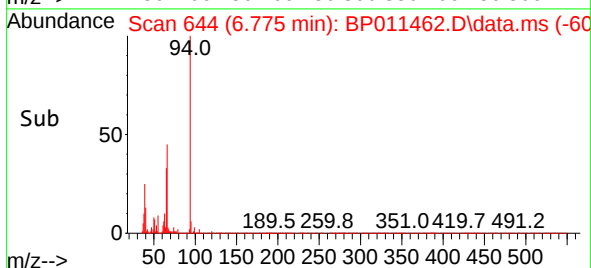
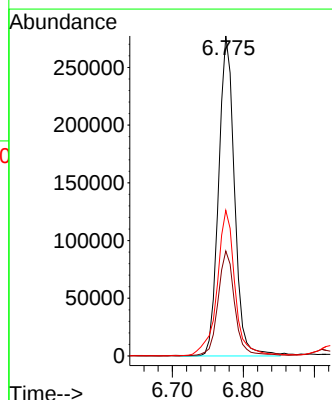
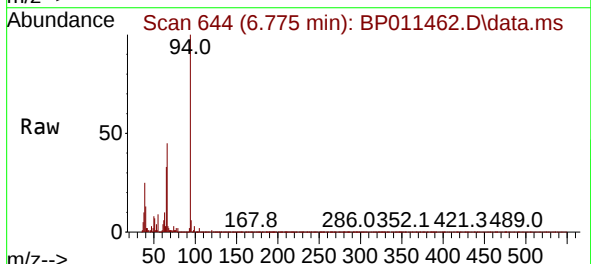
Instrument :
BNA_P
ClientSampleId :

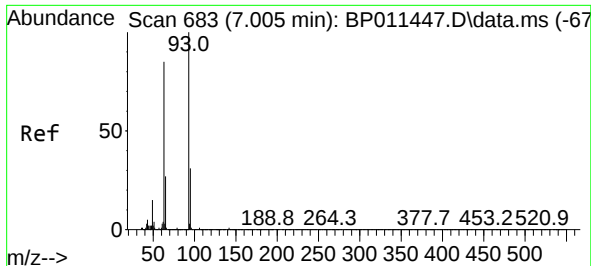
Tgt Ion: 77 Resp: 187883
Ion Ratio Lower Upper
77 100
105 93.3 72.0 108.0
106 86.6 67.4 101.0



#8
Phenol
Concen: 40.784 ng/ul
RT: 6.775 min Scan# 644
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

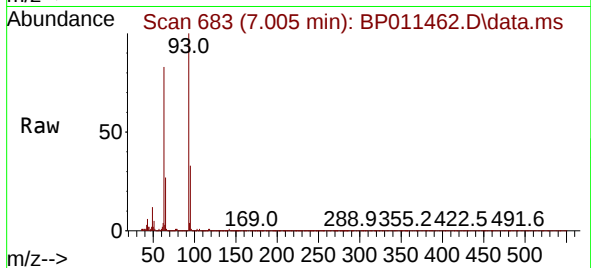
Tgt Ion: 94 Resp: 428555
Ion Ratio Lower Upper
94 100
65 32.8 28.9 43.3
66 45.5 39.4 59.0



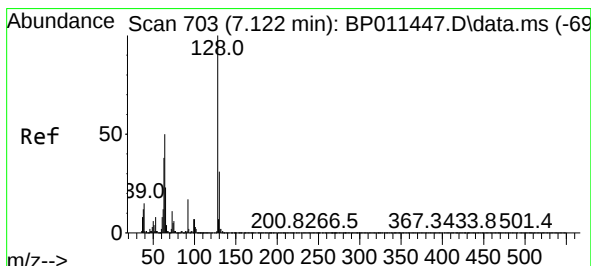
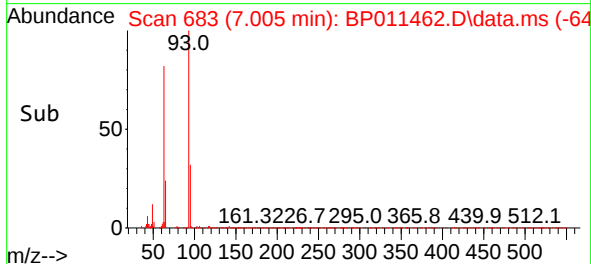
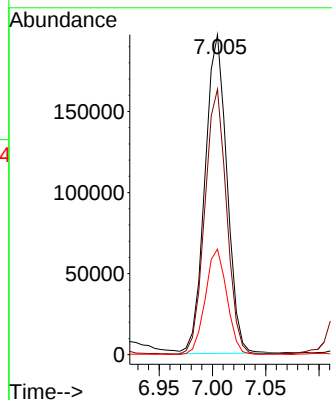


#10
 Bis(2-Chloroethyl)ether
 Concen: 34.420 ng/ul
 RT: 7.005 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP011462.D
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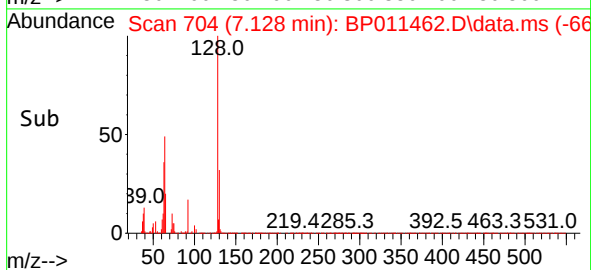
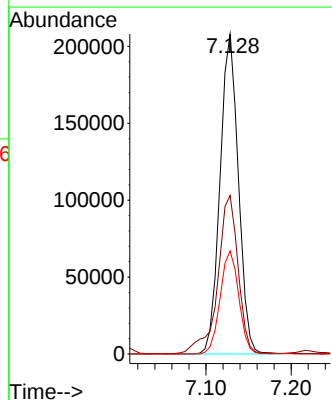
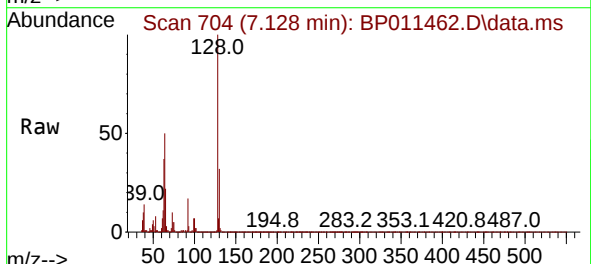


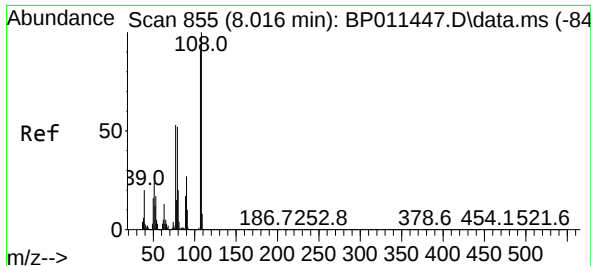
Tgt Ion: 93 Resp: 282133
 Ion Ratio Lower Upper
 93 100
 63 83.0 67.8 101.6
 95 33.0 25.0 37.6



#12
 2-Chlorophenol
 Concen: 38.447 ng/ul
 RT: 7.128 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

Tgt Ion: 128 Resp: 311136
 Ion Ratio Lower Upper
 128 100
 64 49.5 40.2 60.2
 130 32.2 24.6 37.0





#13

2-Methylphenol

Concen: 40.249 ng/ul

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

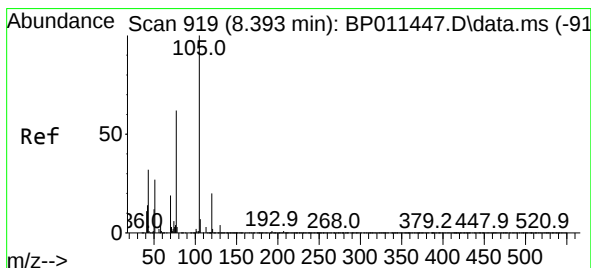
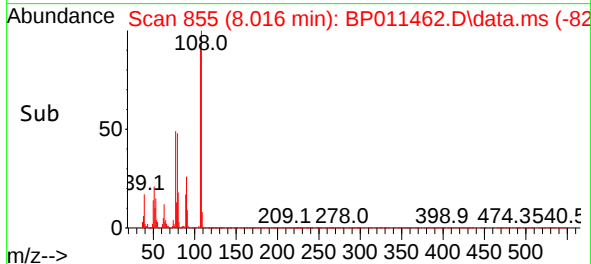
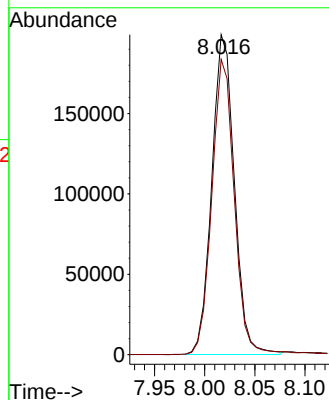
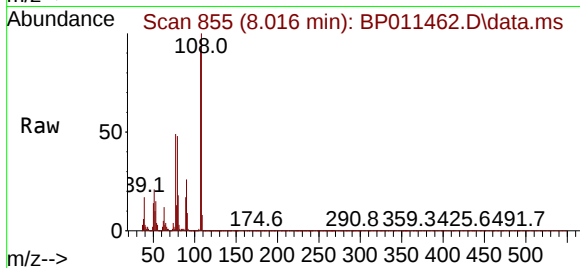
ClientSampleId :

Tgt Ion:108 Resp: 311569

Ion Ratio Lower Upper

108 100

107 92.3 73.2 109.8



#16

Acetophenone

Concen: 35.253 ng/ul

RT: 8.393 min Scan# 919

Delta R.T. -0.000 min

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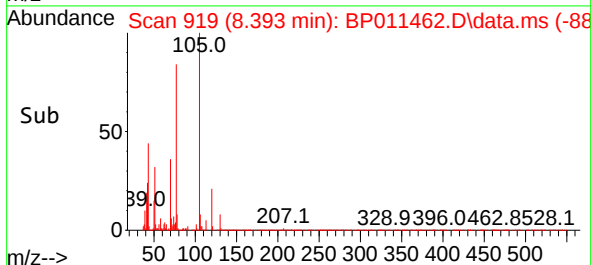
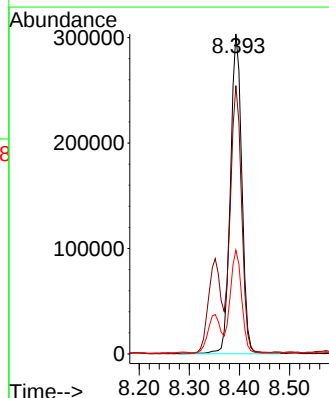
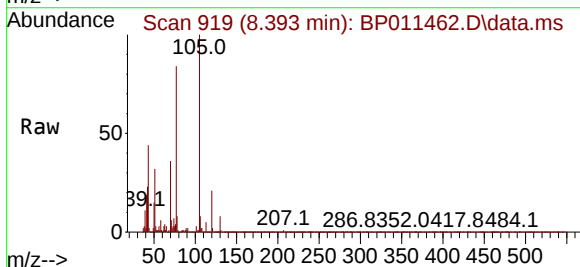
Tgt Ion:105 Resp: 479969

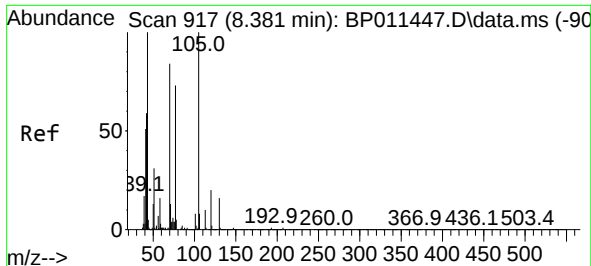
Ion Ratio Lower Upper

105 100

77 83.8 66.4 99.6

51 32.4 28.2 42.4

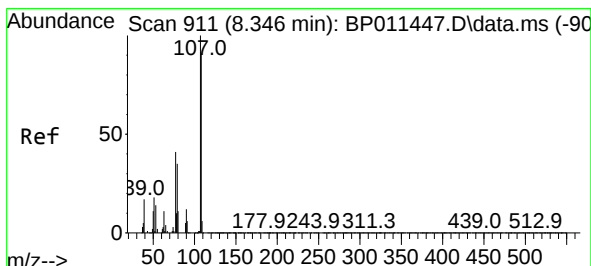
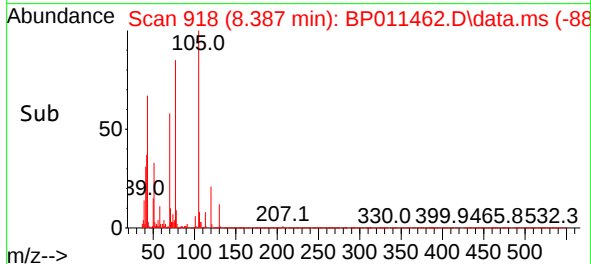
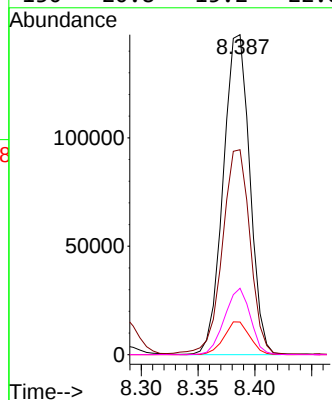
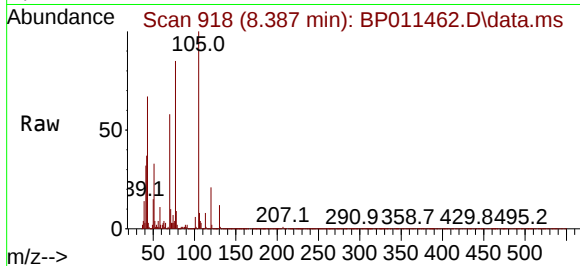




#17
N-Nitroso-di-n-propylamine
Concen: 35.465 ng/ul
RT: 8.387 min Scan# 917
Delta R.T. 0.006 min
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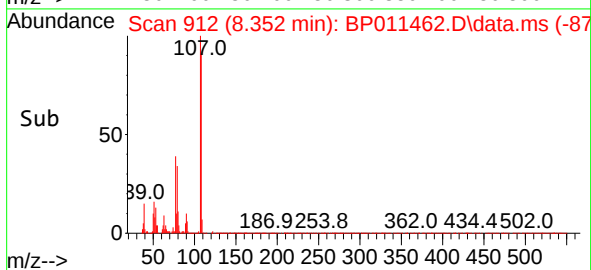
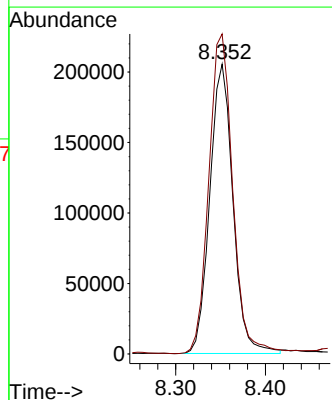
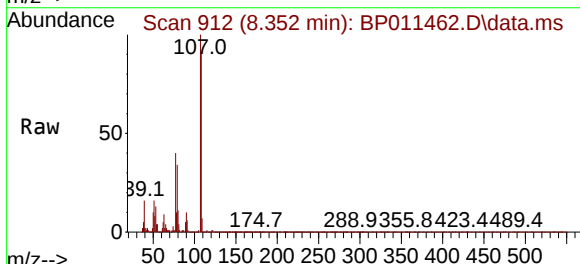
Instrument :
BNA_P
ClientSampleId :

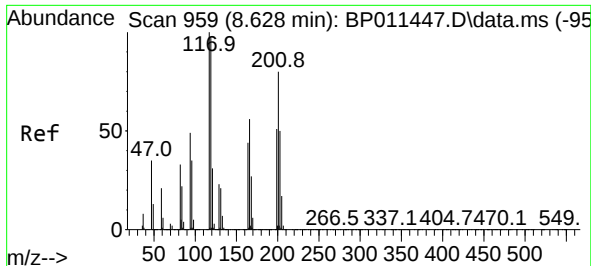
Tgt Ion: 70 Resp: 240176
Ion Ratio Lower Upper
70 100
42 64.1 57.0 85.4
101 10.2 7.6 11.4
130 20.8 15.2 22.8



#18
4-Methylphenol
Concen: 42.986 ng/ul
RT: 8.352 min Scan# 912
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion: 108 Resp: 368401
Ion Ratio Lower Upper
108 100
107 110.4 87.7 131.5





#19

Hexachloroethane

Concen: 34.808 ng/ul

RT: 8.622 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

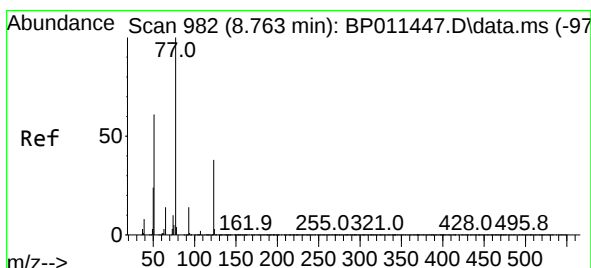
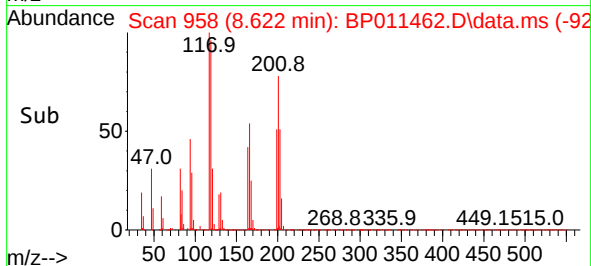
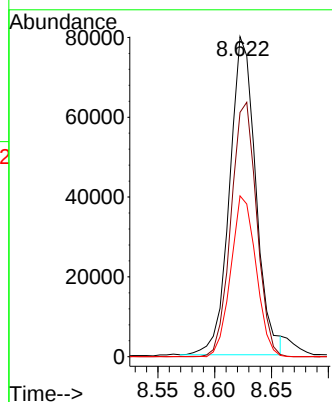
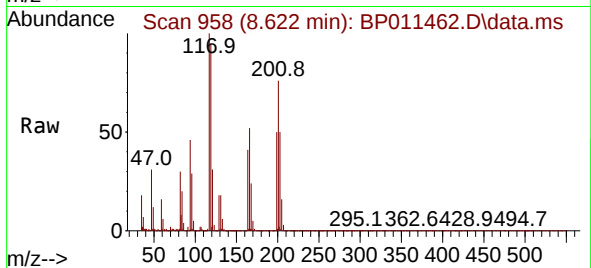
Tgt Ion:117 Resp: 127774

Ion Ratio Lower Upper

117 100

201 76.3 64.2 96.4

199 50.2 41.0 61.6



#22

Nitrobenzene

Concen: 37.792 ng/ul

RT: 8.769 min Scan# 983

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

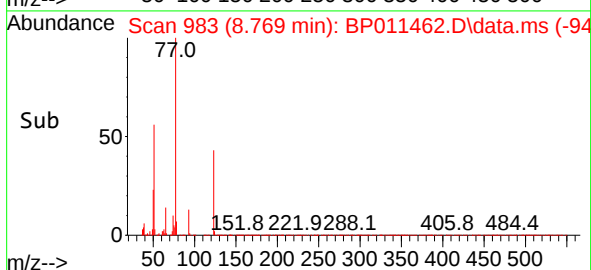
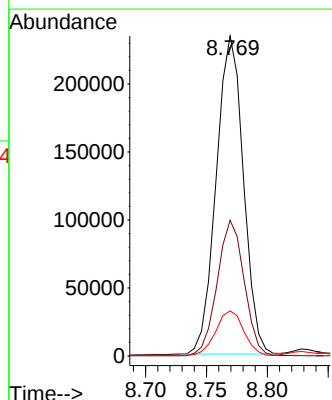
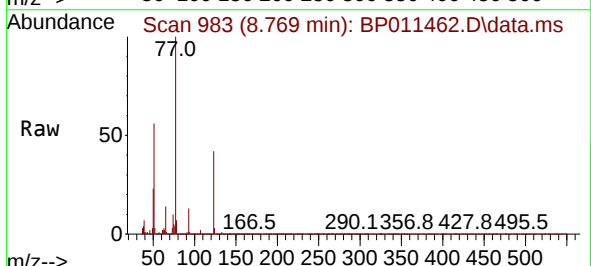
Tgt Ion: 77 Resp: 362801

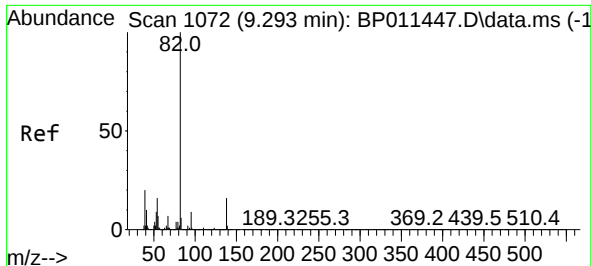
Ion Ratio Lower Upper

77 100

123 42.4 30.4 45.6

65 14.1 11.5 17.3

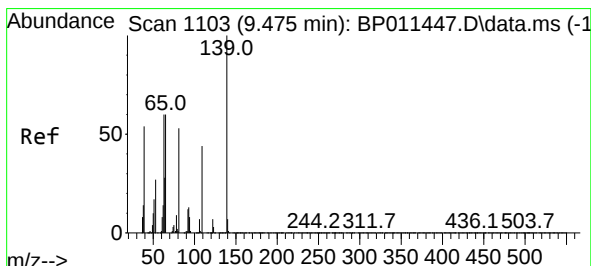
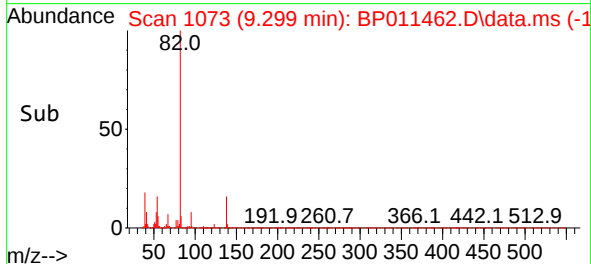
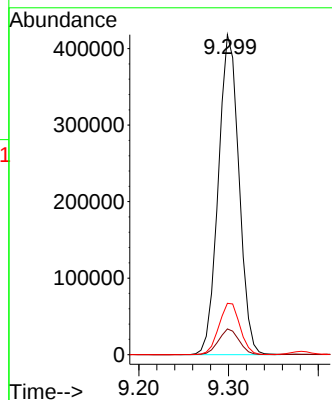
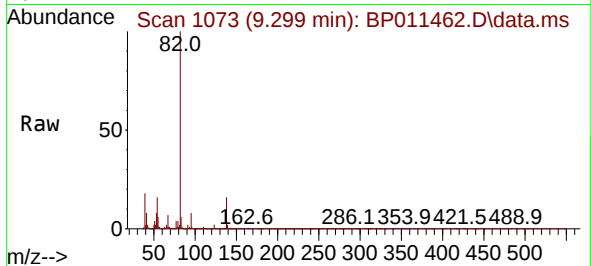




#23
Isophorone
Concen: 39.644 ng/ul
RT: 9.299 min Scan# 1072
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

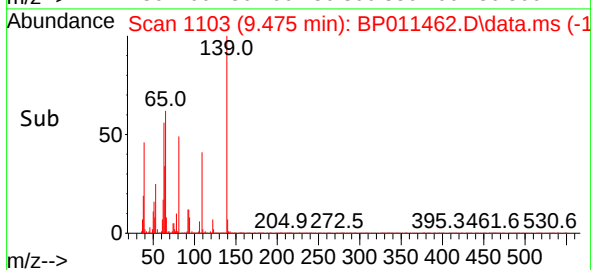
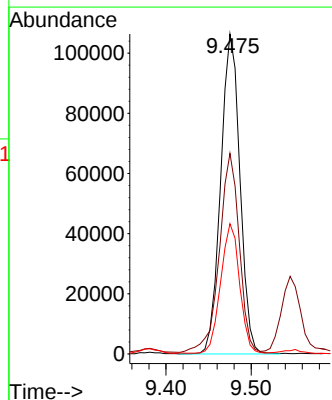
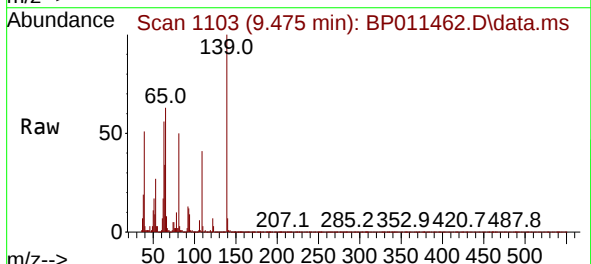
Instrument :
BNA_P
ClientSampleId :

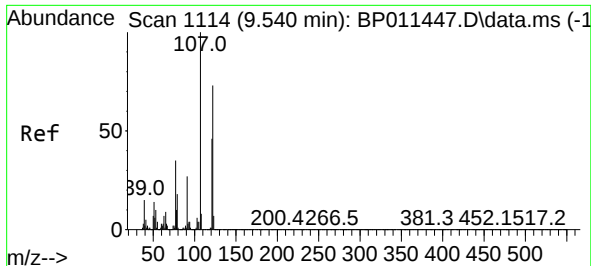
Tgt Ion: 82 Resp: 668069
Ion Ratio Lower Upper
82 100
95 8.1 7.1 10.7
138 16.0 12.6 19.0



#25
2-Nitrophenol
Concen: 42.280 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion: 139 Resp: 167205
Ion Ratio Lower Upper
139 100
65 62.7 50.4 75.6
109 40.7 35.5 53.3

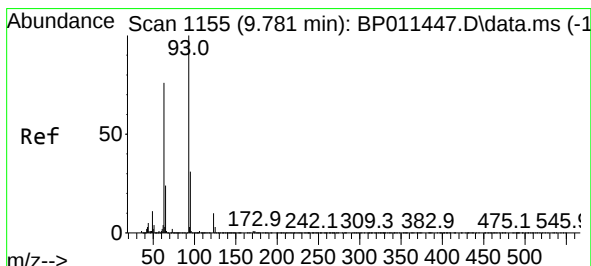
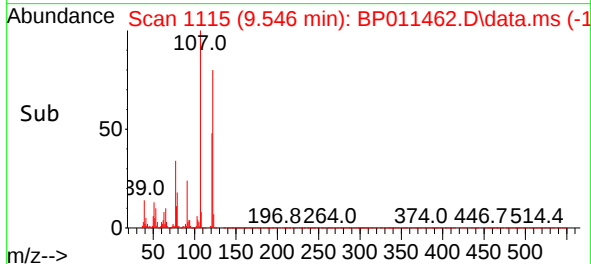
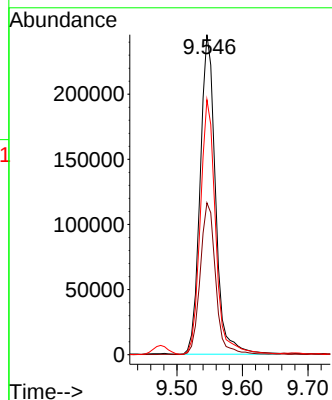
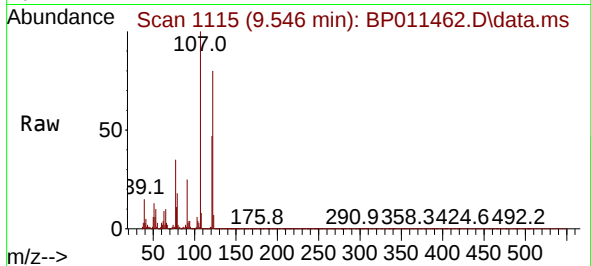




#26
 2,4-Dimethylphenol
 Concen: 42.823 ng/ul
 RT: 9.546 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

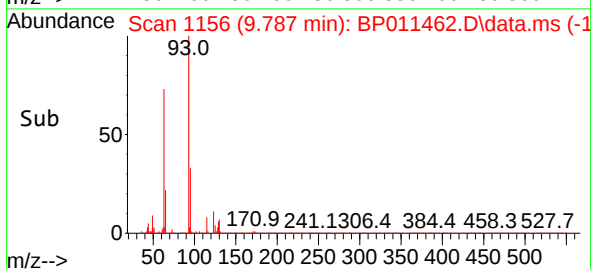
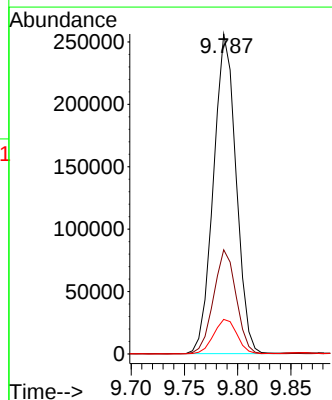
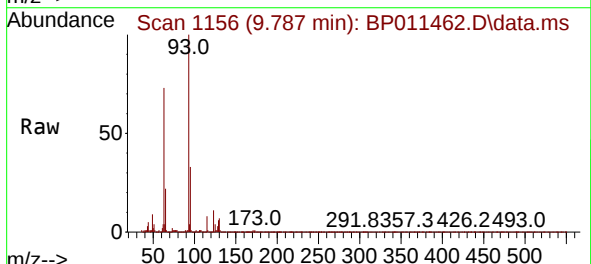
Instrument :
 BNA_P
 ClientSampleId :

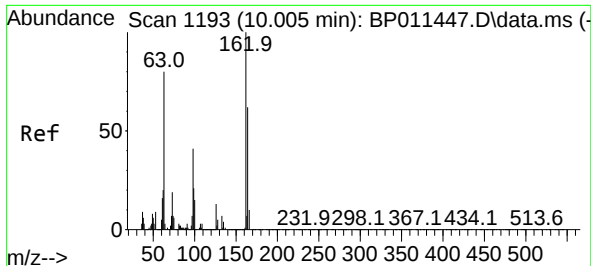
Tgt Ion:107 Resp: 402112
 Ion Ratio Lower Upper
 107 100
 121 47.4 36.6 55.0
 122 79.7 58.7 88.1



#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.082 ng/ul
 RT: 9.787 min Scan# 1156
 Delta R.T. 0.006 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

Tgt Ion: 93 Resp: 377722
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.8 37.2
 123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 42.442 ng/ul

RT: 10.010 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

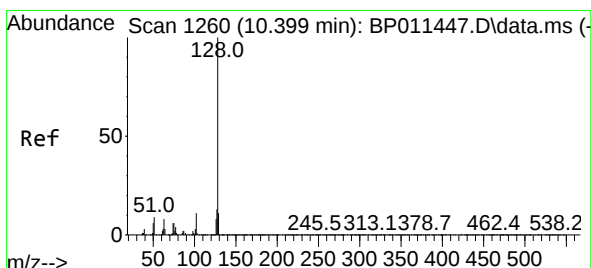
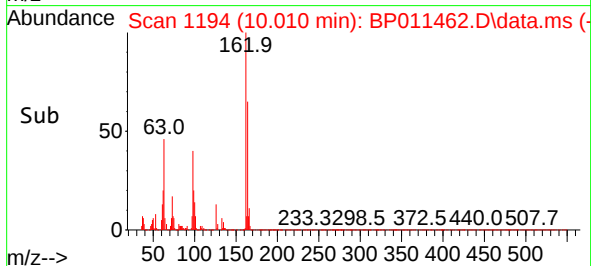
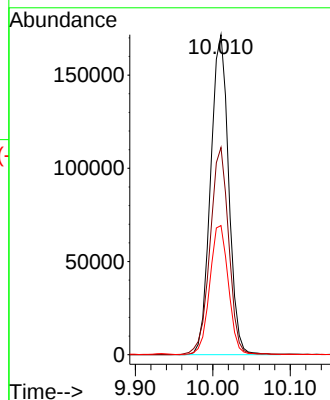
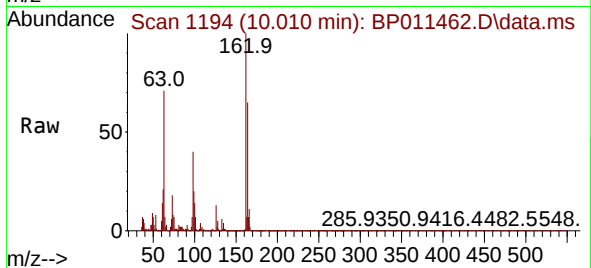
Tgt Ion:162 Resp: 277907

Ion Ratio Lower Upper

162 100

164 64.8 50.2 75.2

98 40.4 32.9 49.3



#30

Naphthalene

Concen: 328.030 ng/ul

RT: 10.410 min Scan# 1262

Delta R.T. 0.012 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

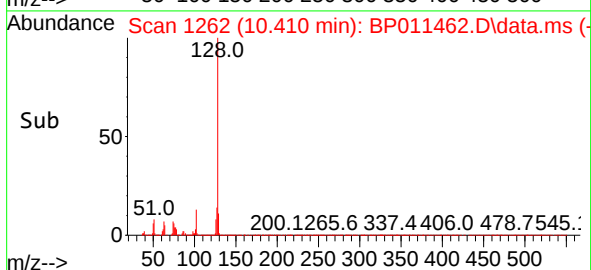
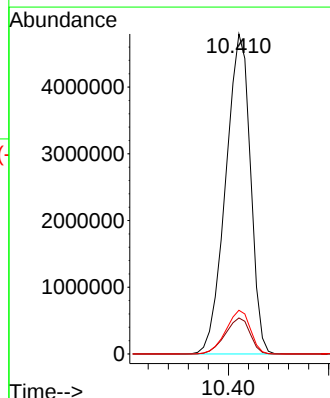
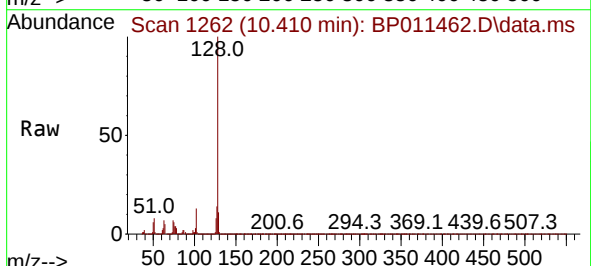
Tgt Ion:128 Resp: 8193761

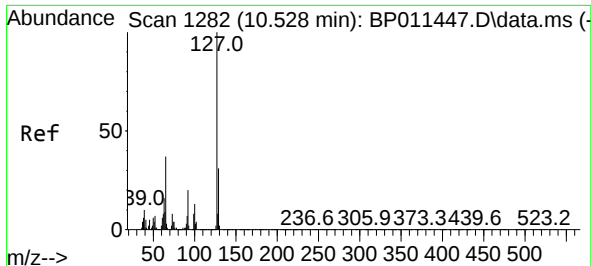
Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.7 10.3 15.5

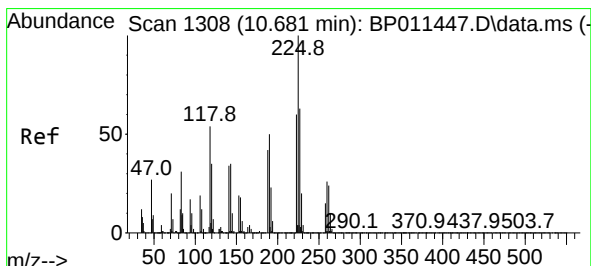
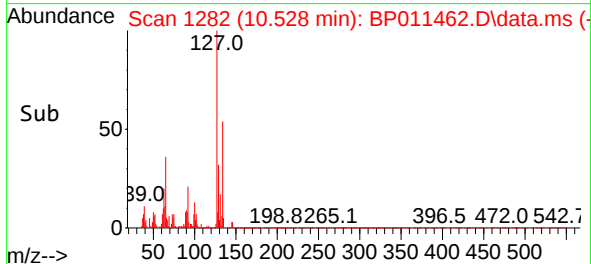
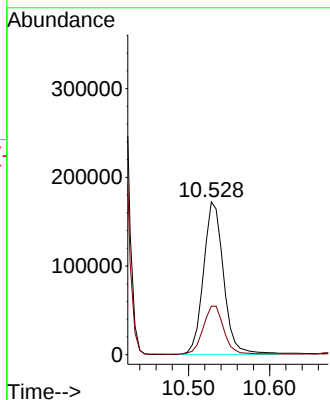
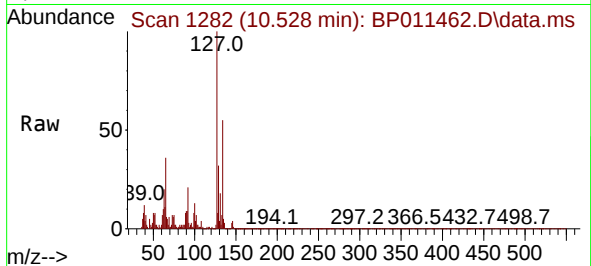




#32
4-Chloroaniline
Concen: 26.839 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

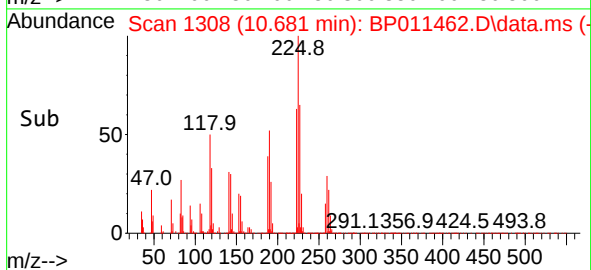
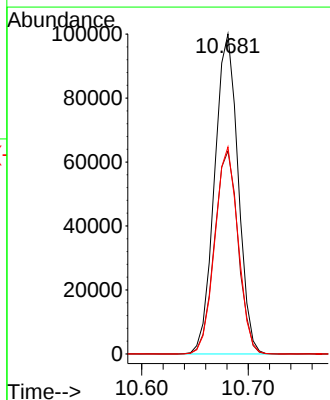
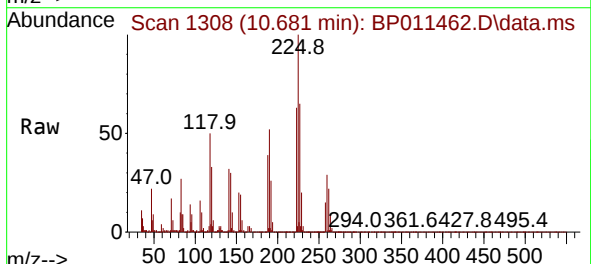
Instrument :
BNA_P
ClientSampleId :

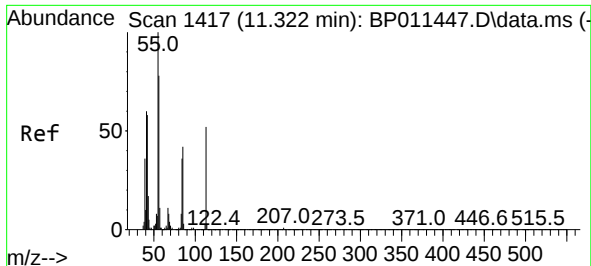
Tgt Ion:127 Resp: 296164
Ion Ratio Lower Upper
127 100
129 31.7 25.1 37.7



#33
Hexachlorobutadiene
Concen: 36.733 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:225 Resp: 153123
Ion Ratio Lower Upper
225 100
223 63.4 47.8 71.8
227 64.7 50.0 75.0

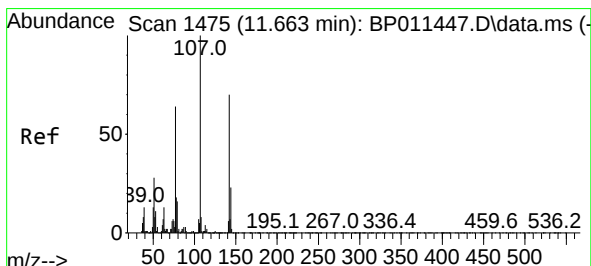
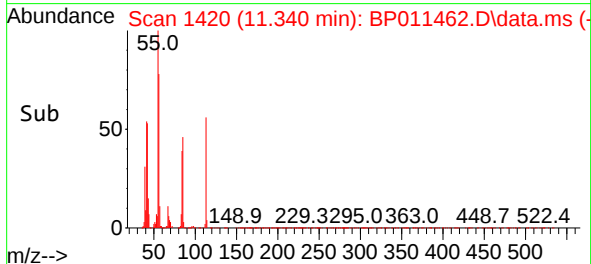
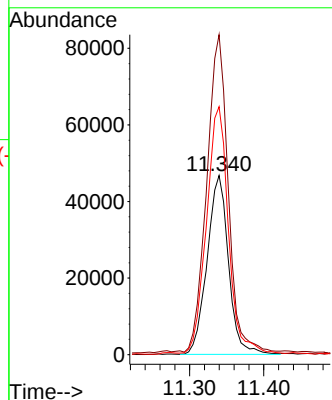
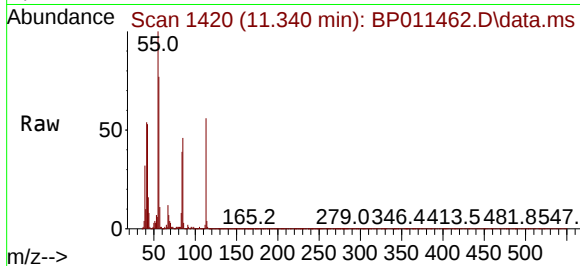




#34
Caprolactam
Concen: 39.450 ng/ul
RT: 11.340 min Scan# 1417
Delta R.T. 0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

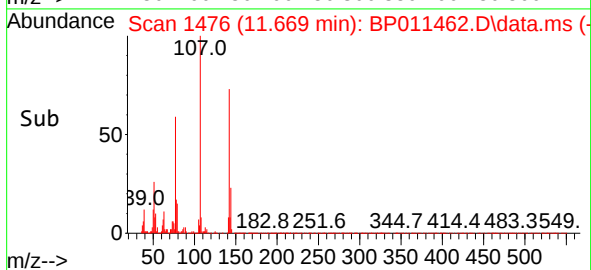
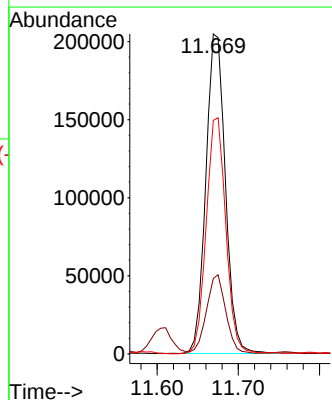
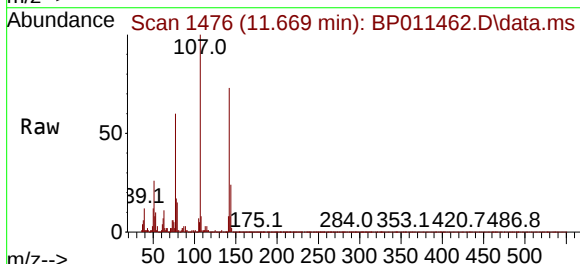
Instrument :
BNA_P
ClientSampleId :

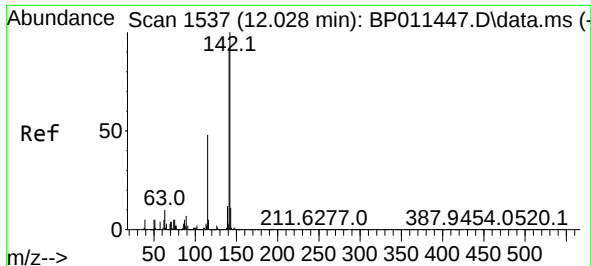
Tgt Ion:113 Resp: 93665
Ion Ratio Lower Upper
113 100
55 178.5 153.4 230.2
56 138.3 119.6 179.4



#35
4-Chloro-3-methylphenol
Concen: 41.207 ng/ul
RT: 11.669 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:107 Resp: 341138
Ion Ratio Lower Upper
107 100
144 23.6 18.3 27.5
142 73.0 55.8 83.8

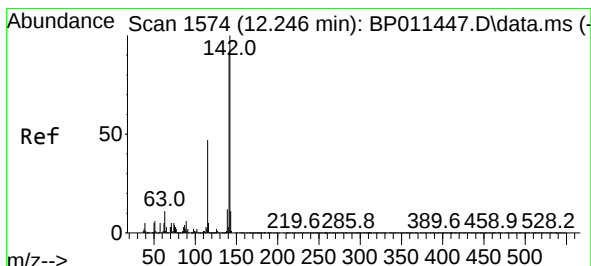
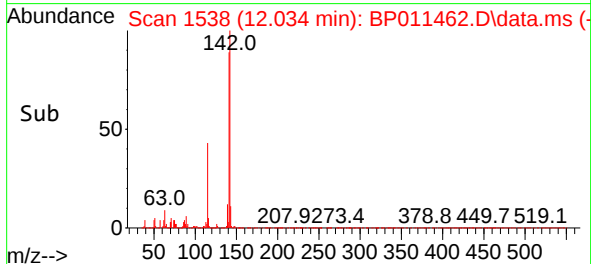
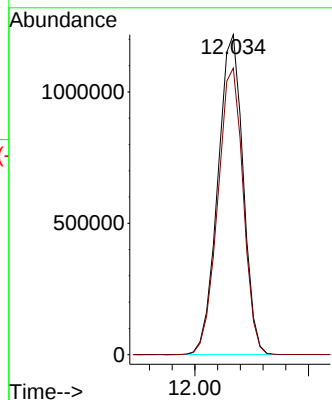
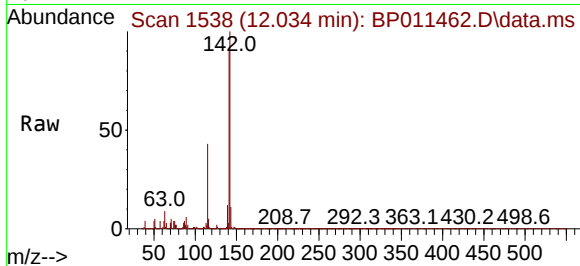




#36
2-Methylnaphthalene
Concen: 115.742 ng/ul
RT: 12.034 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

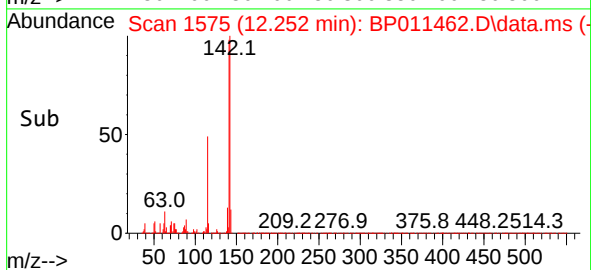
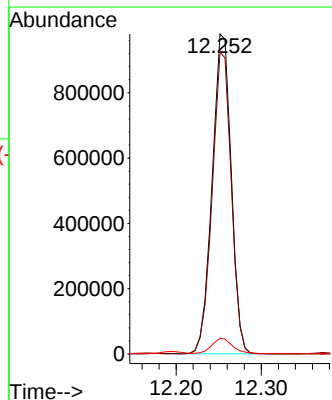
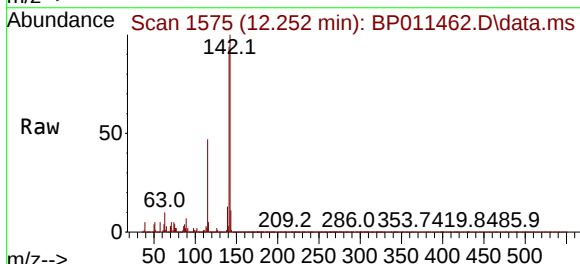
Instrument :
BNA_P
ClientSampleId :

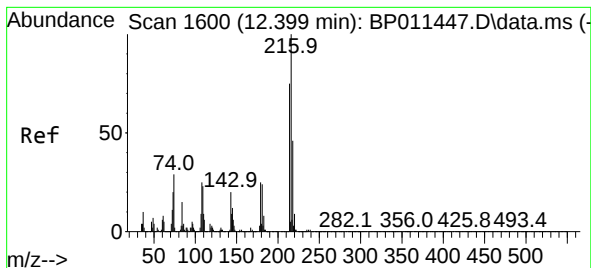
Tgt Ion:142 Resp: 1880952
Ion Ratio Lower Upper
142 100
141 89.5 73.4 110.0



#37
1-Methylnaphthalene
Concen: 92.492 ng/ul
RT: 12.252 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:142 Resp: 1524520
Ion Ratio Lower Upper
142 100
141 94.4 73.0 109.6
116 4.9 4.0 6.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.299 ng/ul

RT: 12.404 min Scan# 1

Delta R.T. 0.006 min

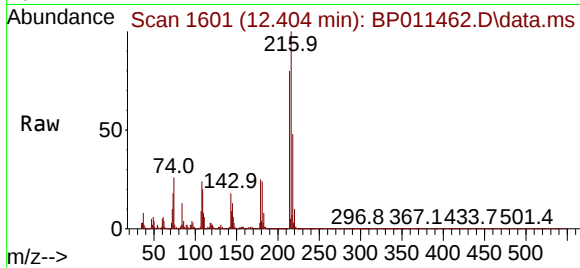
Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:216 Resp: 280342

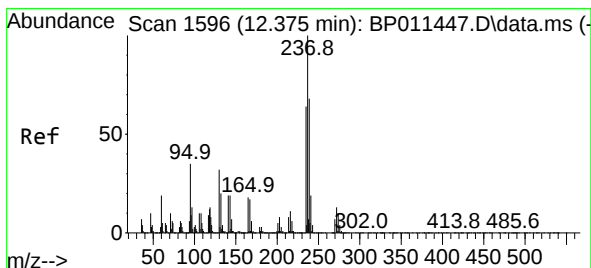
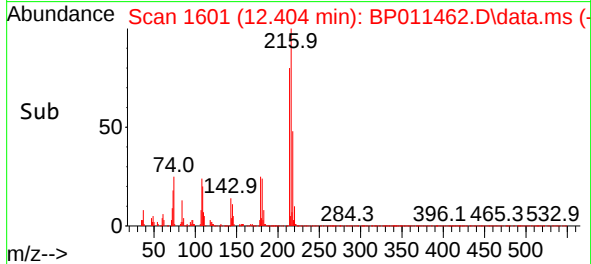
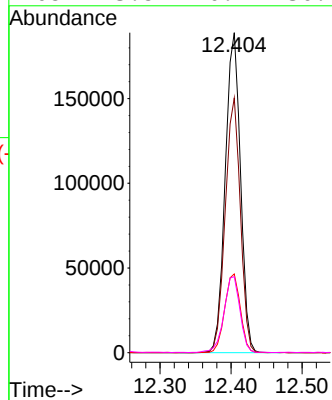
Ion Ratio Lower Upper

216 100

214 79.6 60.4 90.6

179 24.6 20.0 30.0

108 23.8 20.2 30.4



#40

Hexachlorocyclopentadiene

Concen: 7.283 ng/ul

RT: 12.375 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

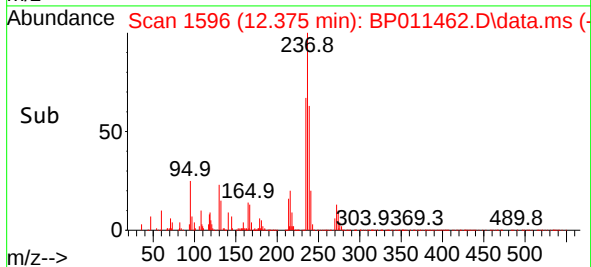
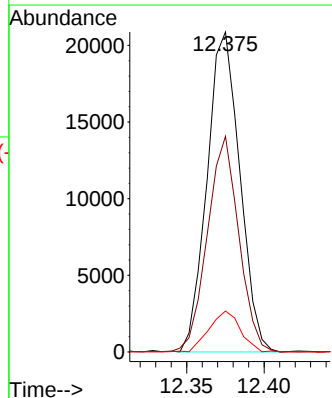
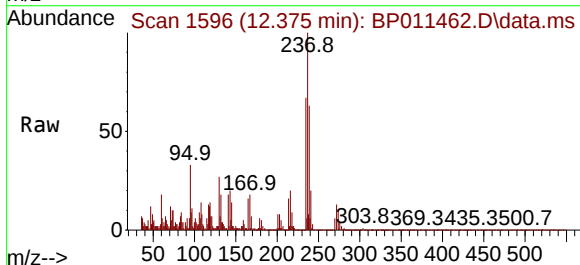
Tgt Ion:237 Resp: 30669

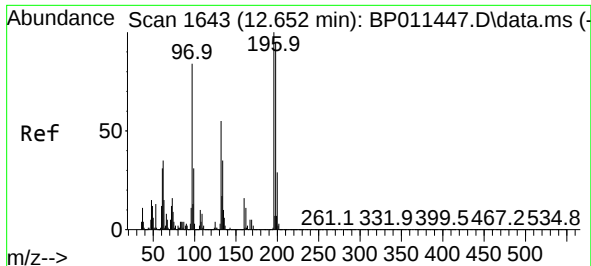
Ion Ratio Lower Upper

237 100

235 67.4 50.9 76.3

272 12.8 11.0 16.4

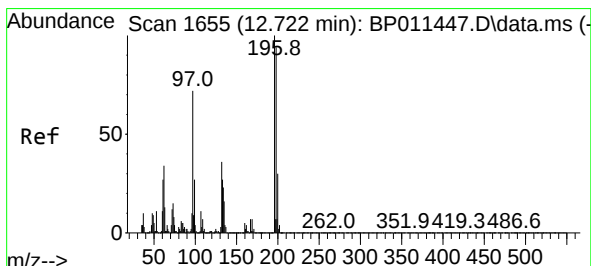
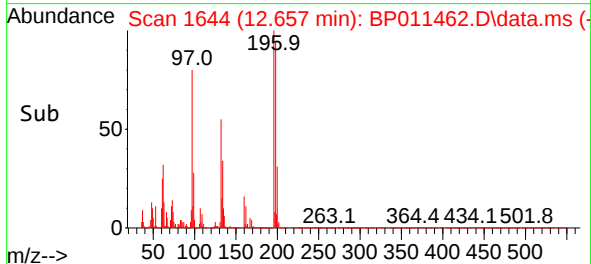
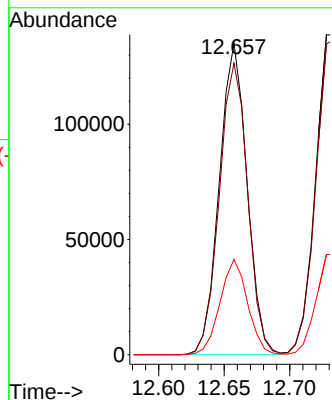
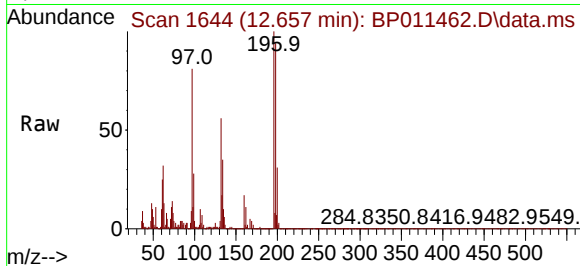




#41
2,4,6-Trichlorophenol
Concen: 45.384 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

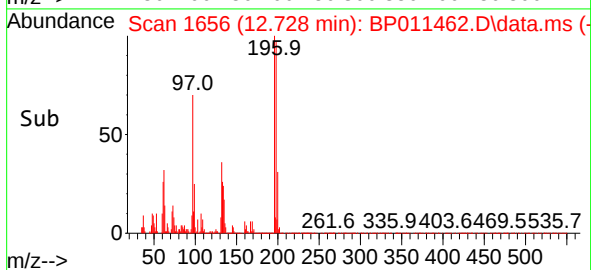
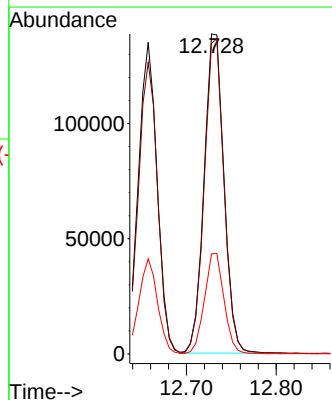
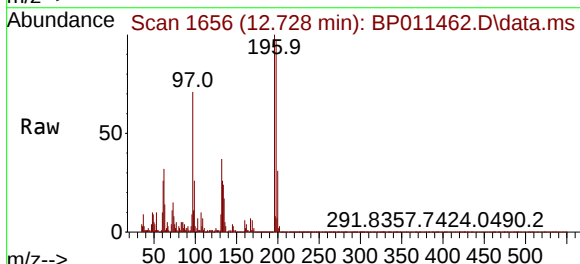
Instrument :
BNA_P
ClientSampleId :

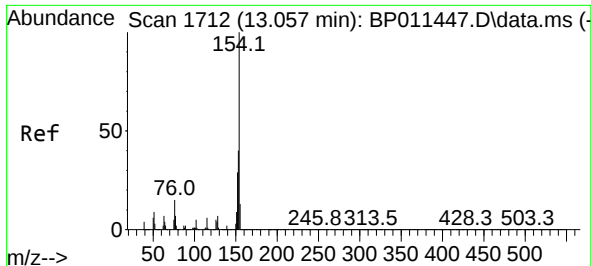
Tgt Ion:196 Resp: 198276
Ion Ratio Lower Upper
196 100
198 93.6 75.6 113.4
200 30.6 23.1 34.7



#42
2,4,5-Trichlorophenol
Concen: 43.968 ng/ul
RT: 12.728 min Scan# 1656
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:196 Resp: 213832
Ion Ratio Lower Upper
196 100
198 97.1 75.6 113.4
200 31.3 23.8 35.6

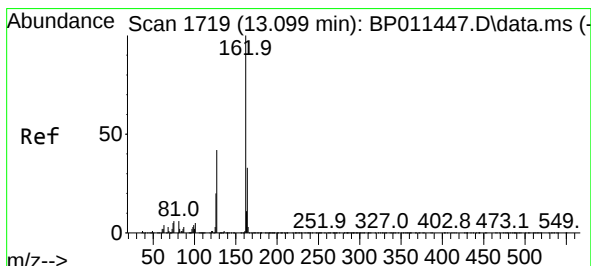
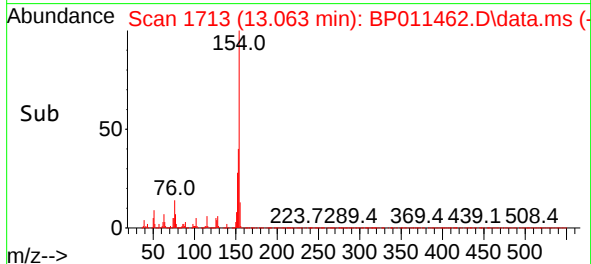
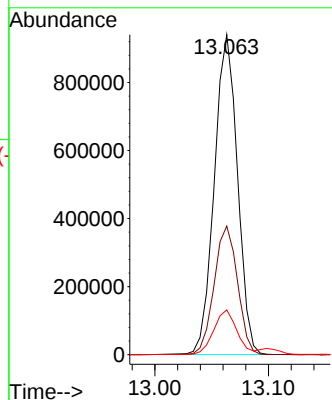
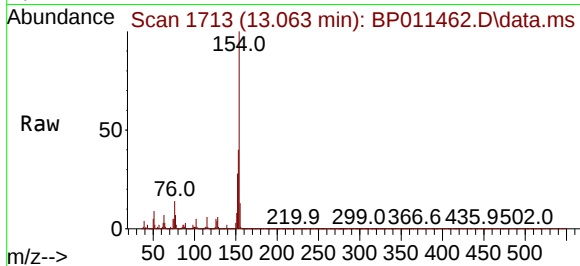




#43
1,1'-Biphenyl
Concen: 66.761 ng/ul
RT: 13.063 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

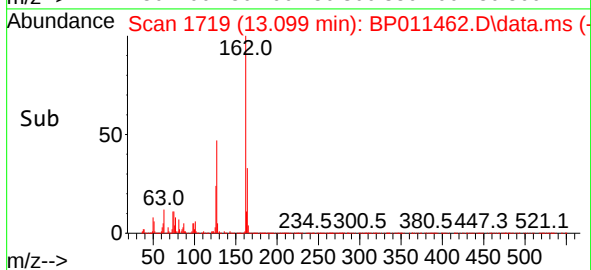
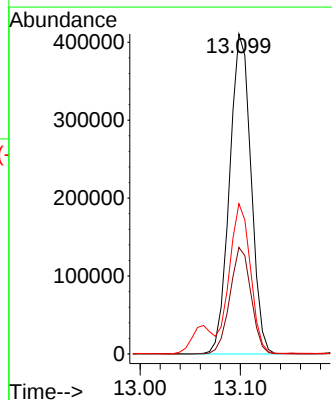
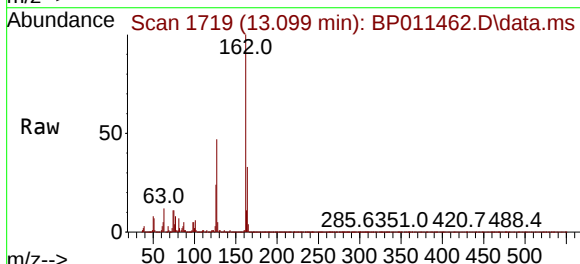
Instrument :
BNA_P
ClientSampleId :

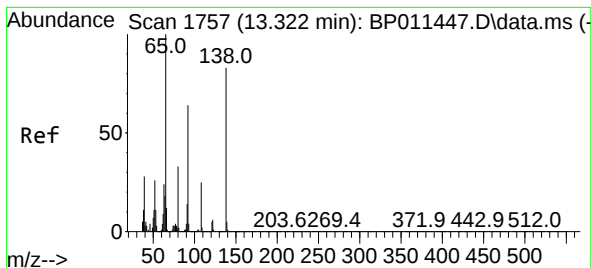
Tgt Ion:154 Resp: 1330405
Ion Ratio Lower Upper
154 100
153 40.2 32.2 48.4
76 14.0 11.6 17.4



#44
2-Chloronaphthalene
Concen: 40.647 ng/ul
RT: 13.099 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:162 Resp: 610381
Ion Ratio Lower Upper
162 100
164 33.3 26.4 39.6
127 47.0 37.4 56.2





#45

2-Nitroaniline

Concen: 45.037 ng/ul

RT: 13.328 min Scan# 1757

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

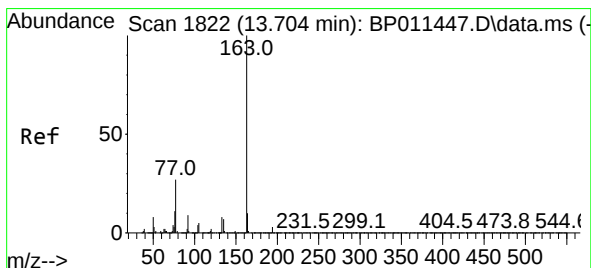
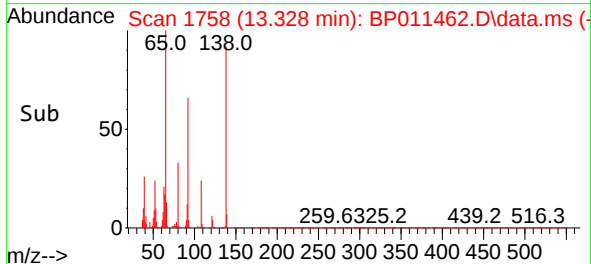
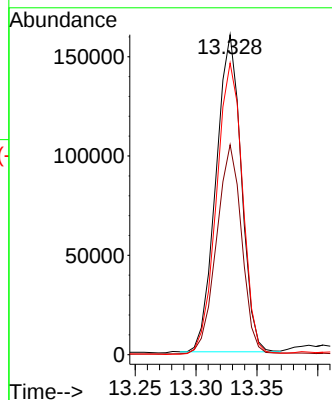
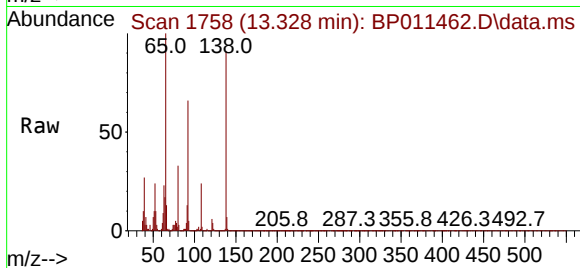
Tgt Ion: 65 Resp: 230823

Ion Ratio Lower Upper

65 100

92 65.6 50.8 76.2

138 91.1 66.7 100.1



#47

Dimethylphthalate

Concen: 39.510 ng/ul

RT: 13.710 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

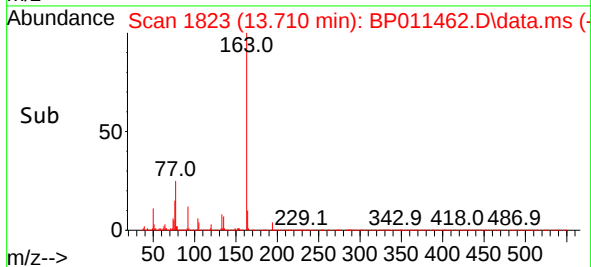
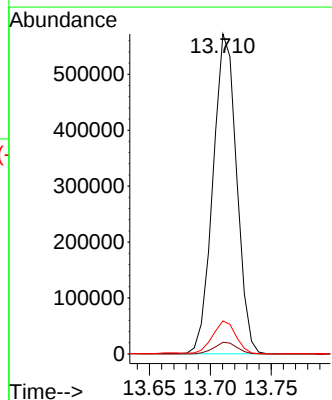
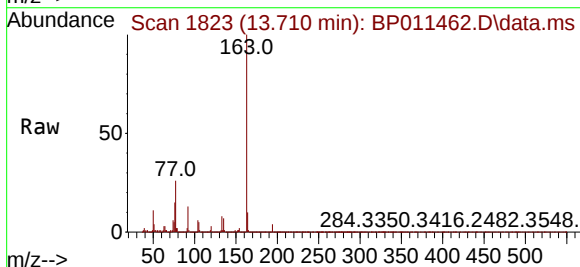
Tgt Ion:163 Resp: 772448

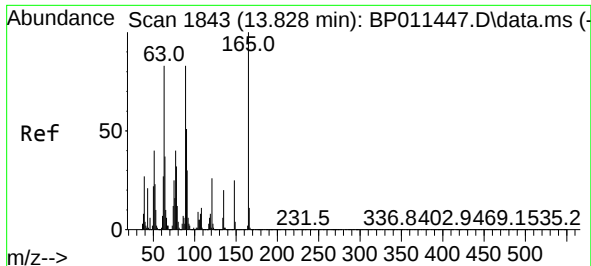
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

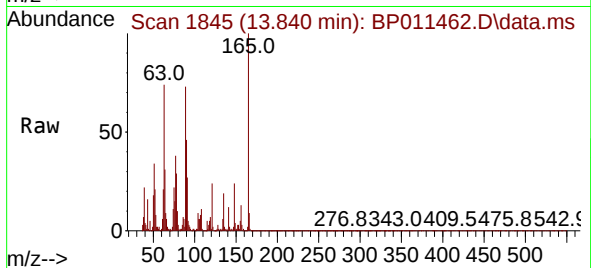
164 10.3 8.3 12.5



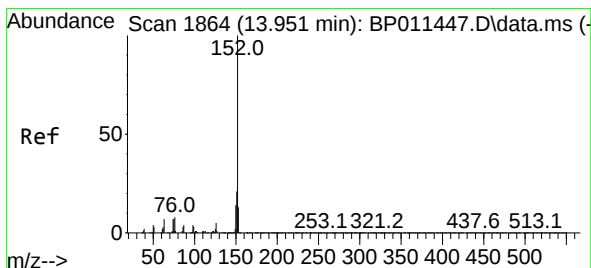
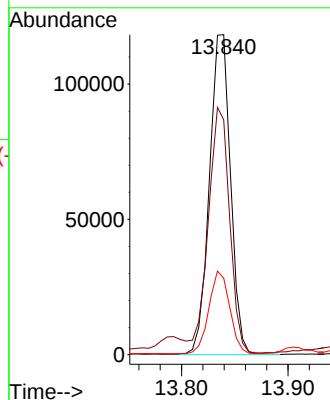
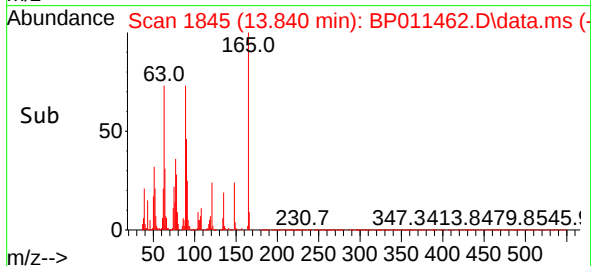


#48
2,6-Dinitrotoluene
Concen: 46.301 ng/ul
RT: 13.840 min Scan# 1845
Delta R.T. 0.012 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Instrument :
BNA_P
ClientSampleId :

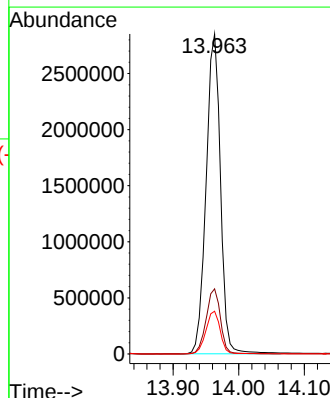
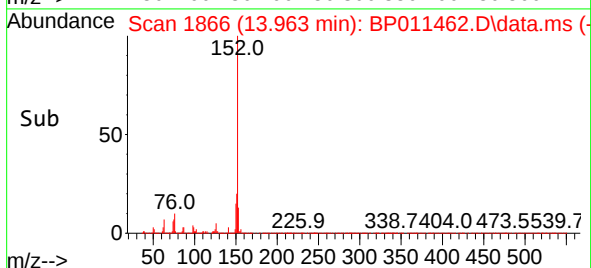
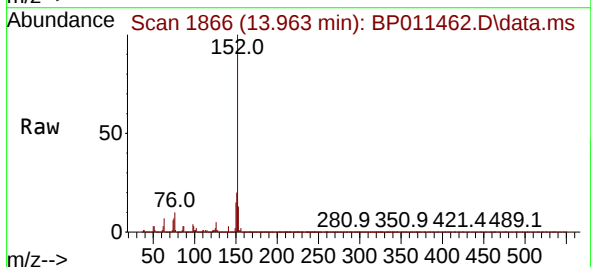


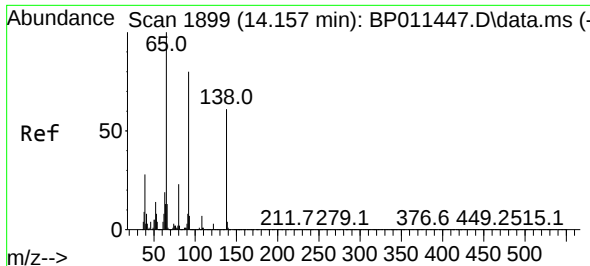
Tgt Ion:165 Resp: 162744
Ion Ratio Lower Upper
165 100
89 73.4 66.6 99.8
121 23.9 21.0 31.6



#50
Acenaphthylene
Concen: 173.828 ng/ul
RT: 13.963 min Scan# 1866
Delta R.T. 0.012 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:152 Resp: 4341570
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.3 10.6 15.8

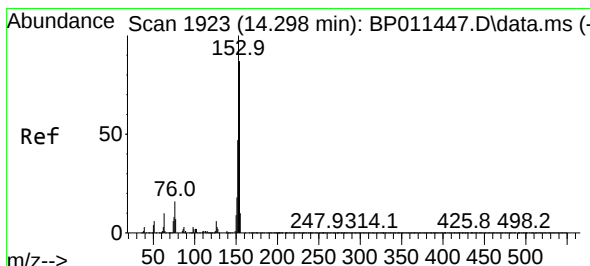
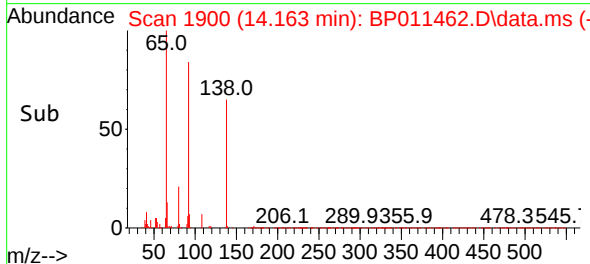
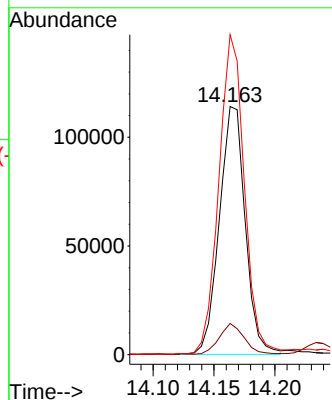
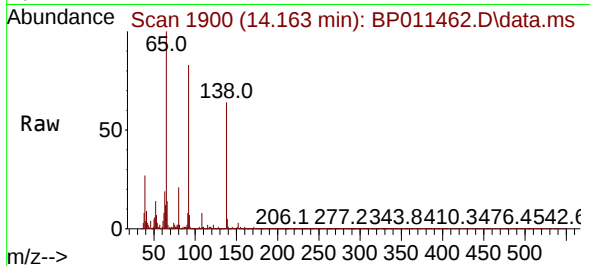




#51
3-Nitroaniline
Concen: 44.105 ng/ul
RT: 14.163 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

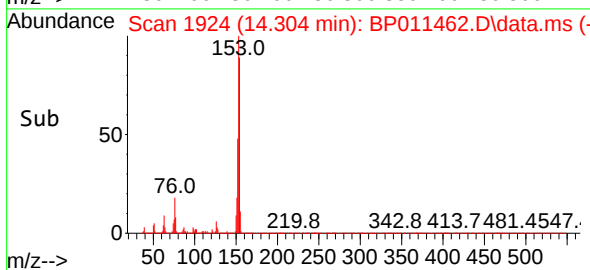
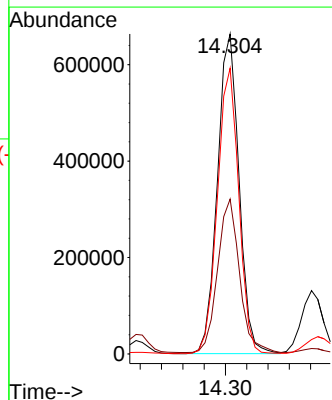
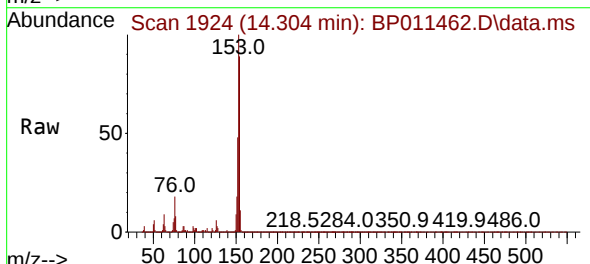
Instrument :
BNA_P
ClientSampleId :

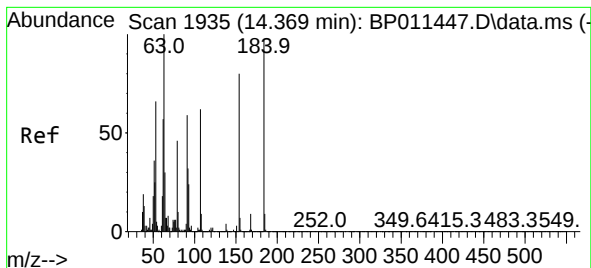
Tgt Ion:138 Resp: 168860
Ion Ratio Lower Upper
138 100
108 12.6 8.6 13.0
92 128.9 104.2 156.2



#52
Acenaphthene
Concen: 55.753 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:153 Resp: 932685
Ion Ratio Lower Upper
153 100
152 48.4 37.7 56.5
154 89.3 69.4 104.0





#53

2,4-Dinitrophenol

Concen: 20.283 ng/ul

RT: 14.393 min Scan# 1939

Delta R.T. 0.024 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

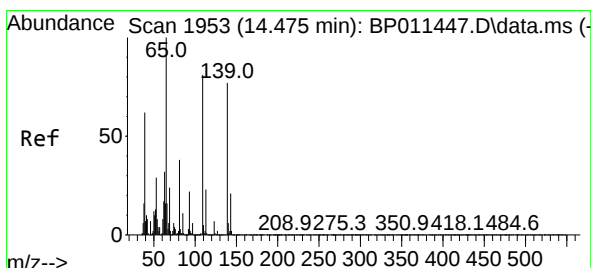
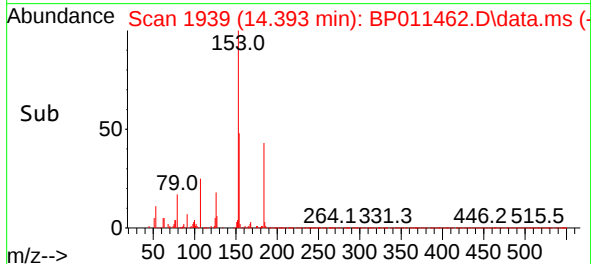
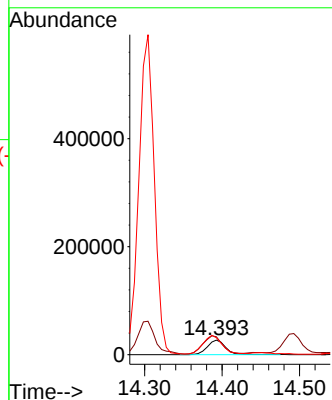
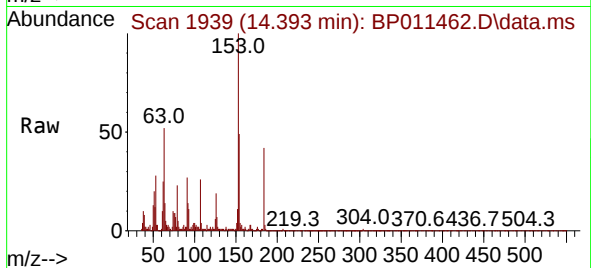
Tgt Ion:184 Resp: 43635

Ion Ratio Lower Upper

184 100

63 122.8 82.5 123.7

154 116.5 66.6 100.0#



#55

4-Nitrophenol

Concen: 36.079 ng/ul

RT: 14.493 min Scan# 1956

Delta R.T. 0.018 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

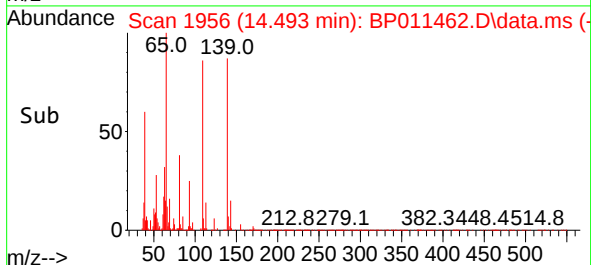
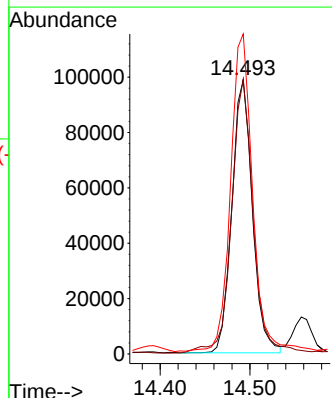
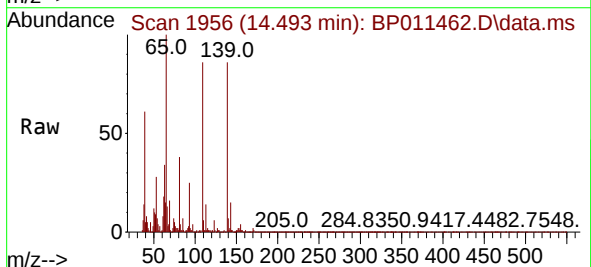
Tgt Ion:109 Resp: 156668

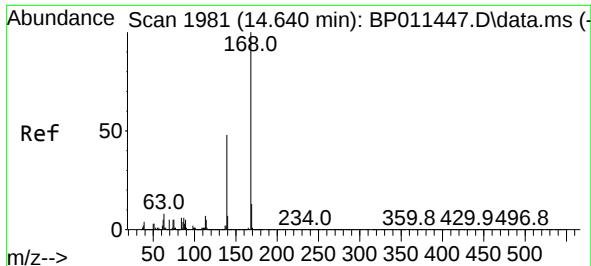
Ion Ratio Lower Upper

109 100

139 100.3 76.0 114.0

65 116.8 98.8 148.2

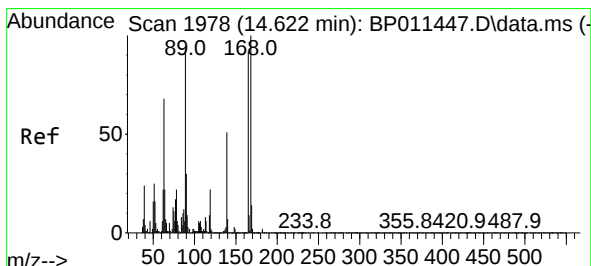
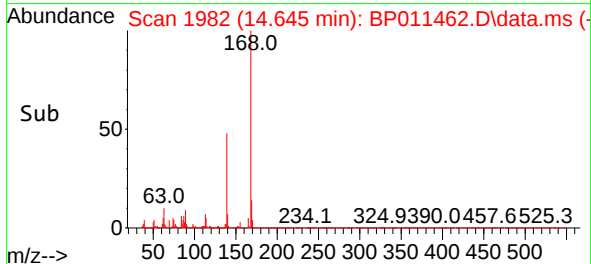
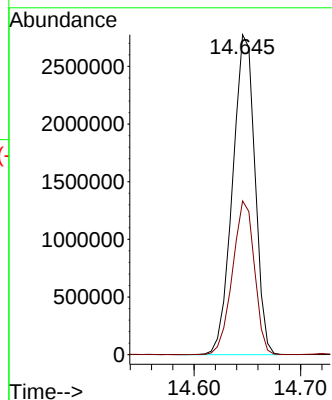
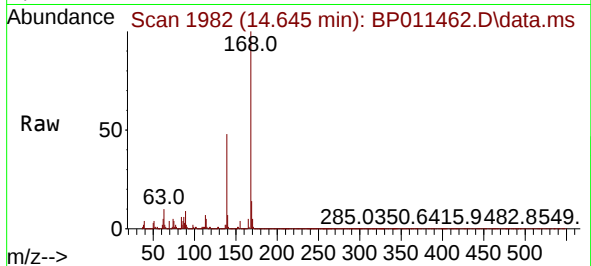




#56
Dibenzofuran
Concen: 175.453 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

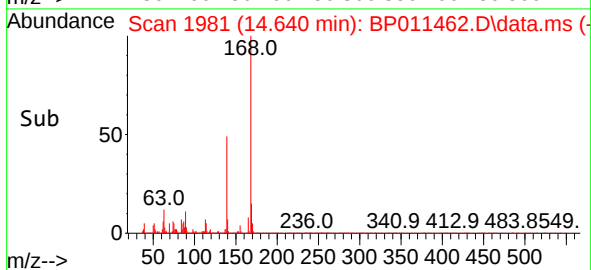
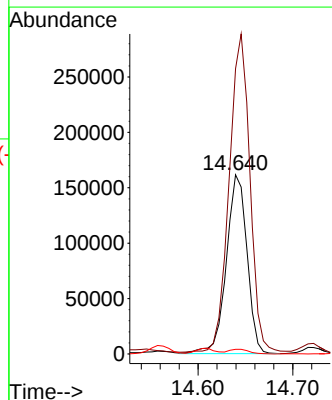
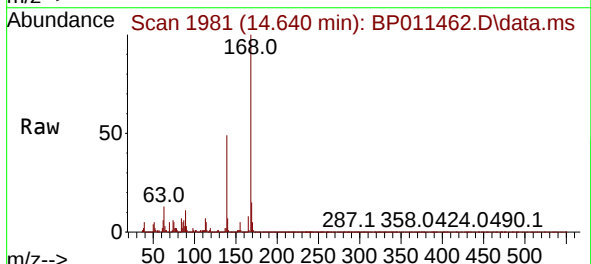
Instrument :
BNA_P
ClientSampleId :

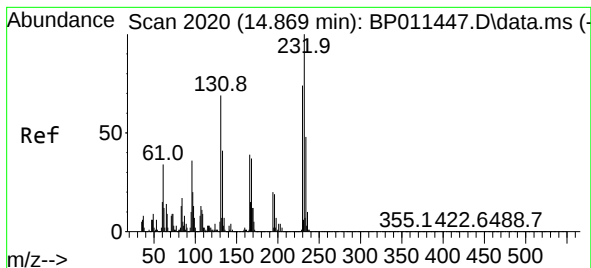
Tgt Ion:168 Resp: 4047543
Ion Ratio Lower Upper
168 100
139 48.1 38.4 57.6



#57
2,4-Dinitrotoluene
Concen: 46.458 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. 0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:165 Resp: 244456
Ion Ratio Lower Upper
165 100
63 159.2 60.2 90.2#
182 2.6 1.8 2.8

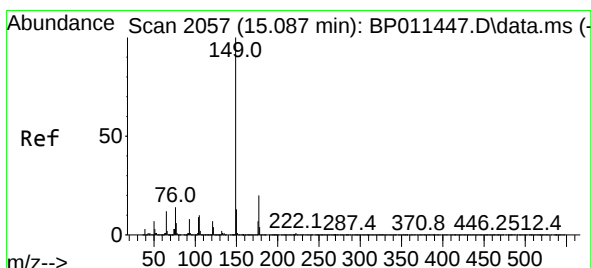
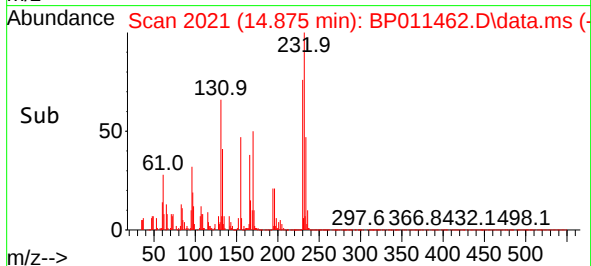
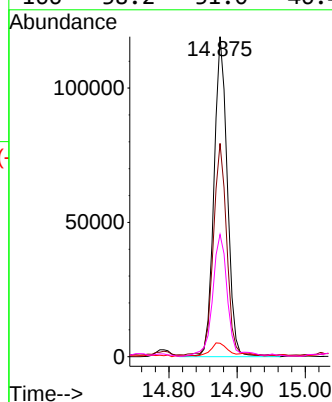
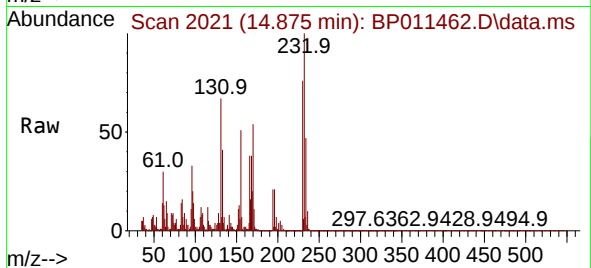




#58
2,3,4,6-Tetrachlorophenol
Concen: 42.611 ng/ul
RT: 14.875 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

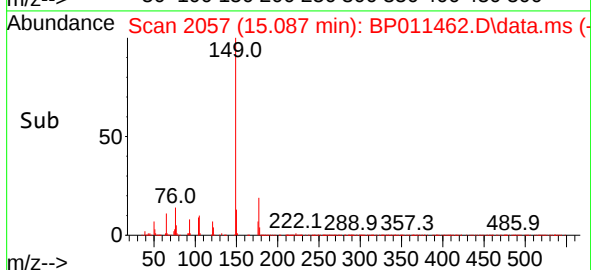
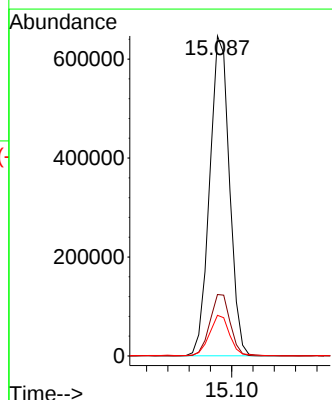
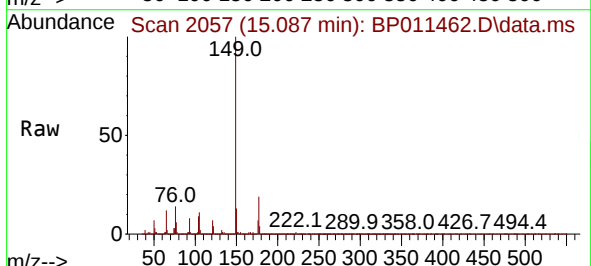
Instrument :
BNA_P
ClientSampleId :

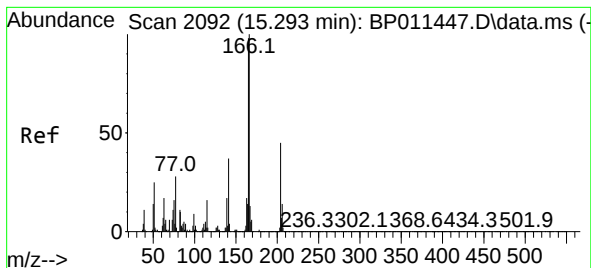
Tgt Ion:232	Resp:	162701
Ion Ratio	Lower	Upper
232	100	
131	66.6	55.4 83.0
130	4.2	3.6 5.4
166	38.2	31.0 46.4



#59
Diethylphthalate
Concen: 38.965 ng/ul
RT: 15.087 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:149	Resp:	834367
Ion Ratio	Lower	Upper
149	100	
177	19.2	15.7 23.5
150	12.7	10.1 15.1





#61

Fluorene

Concen: 133.032 ng/ul

RT: 15.304 min Scan# 2094

Delta R.T. 0.012 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

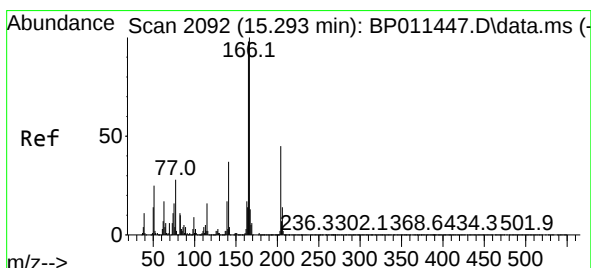
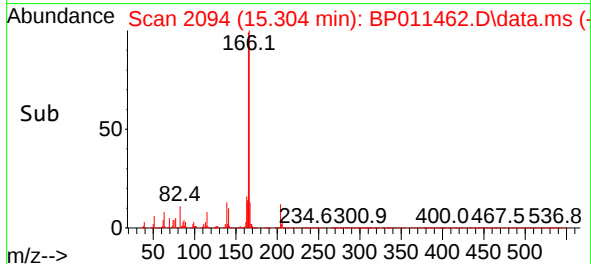
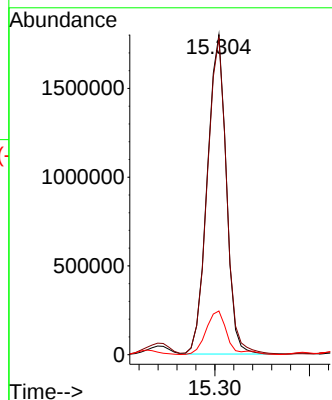
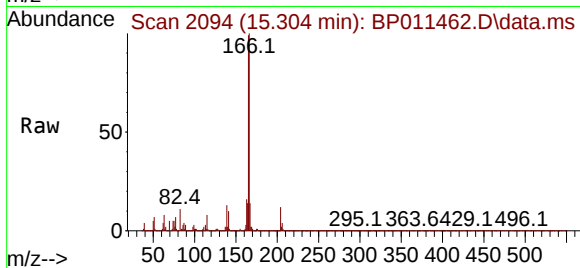
Tgt Ion:166 Resp: 2510678

Ion Ratio Lower Upper

166 100

165 98.9 78.2 117.2

167 13.7 10.3 15.5



#62

4-Chlorophenyl-phenylether

Concen: 38.707 ng/ul

RT: 15.298 min Scan# 2093

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

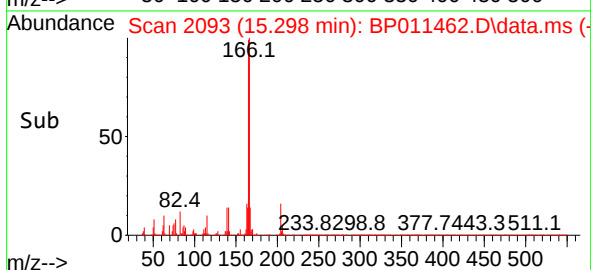
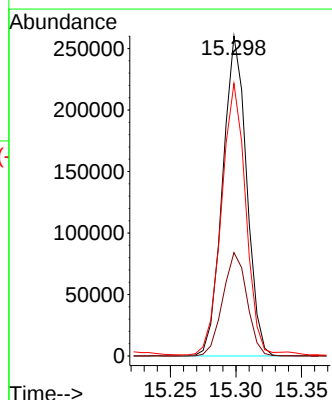
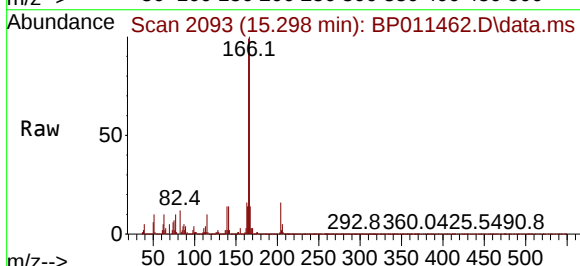
Tgt Ion:204 Resp: 330005

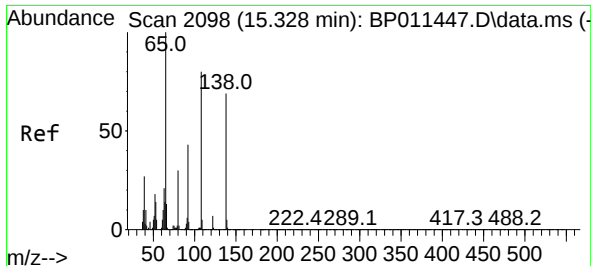
Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

141 85.1 66.5 99.7

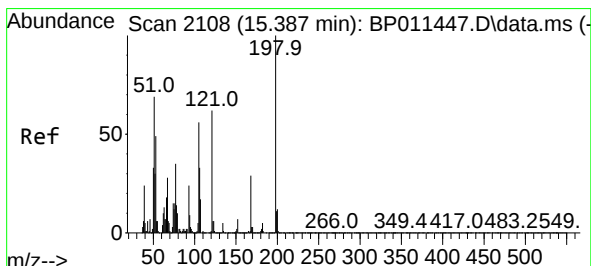
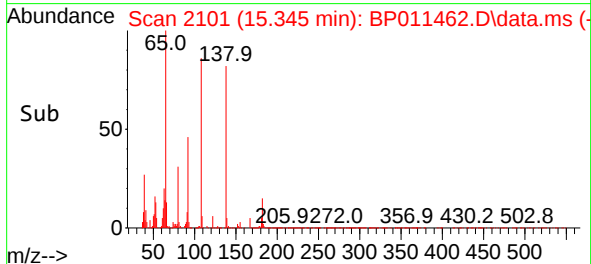
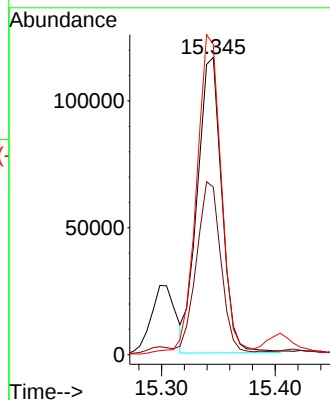
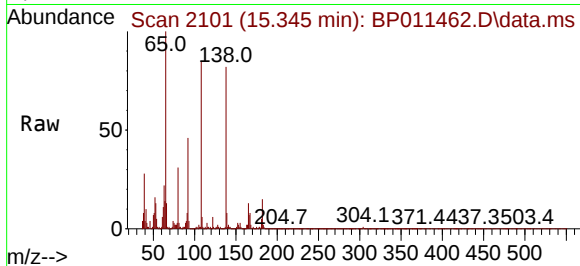




#63
4-Nitroaniline
Concen: 47.170 ng/ul
RT: 15.345 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

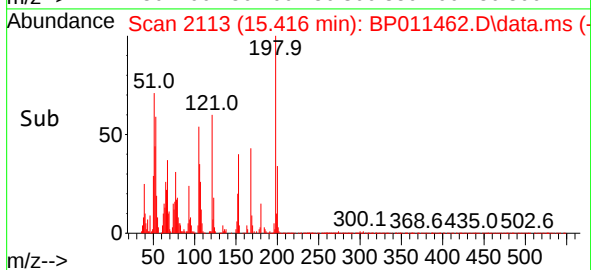
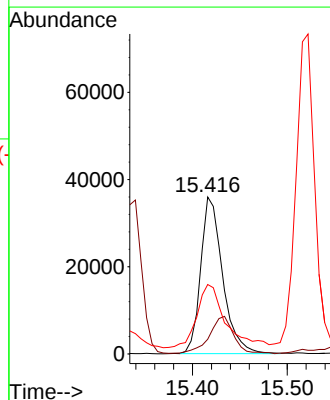
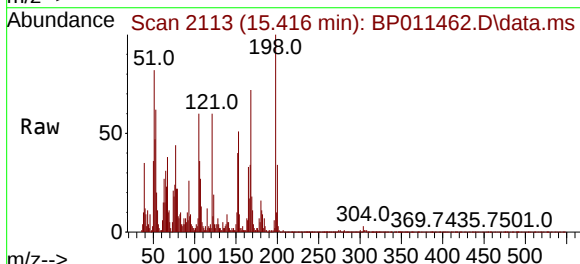
Instrument :
BNA_P
ClientSampleId :

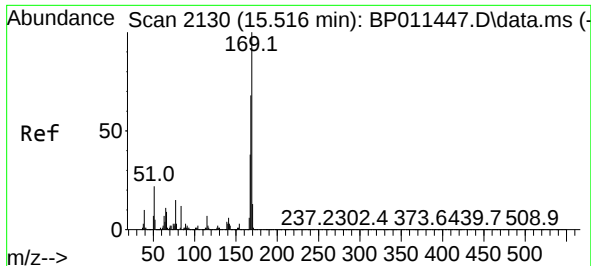
Tgt Ion:138 Resp: 174441
Ion Ratio Lower Upper
138 100
92 56.4 49.5 74.3
108 104.3 93.7 140.5



#66
4,6-Dinitro-2-methylphenol
Concen: 21.200 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. 0.029 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:198 Resp: 57905
Ion Ratio Lower Upper
198 100
182 9.3 3.9 5.9#
77 44.2 30.1 45.1

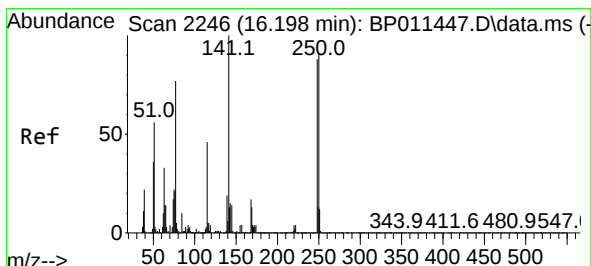
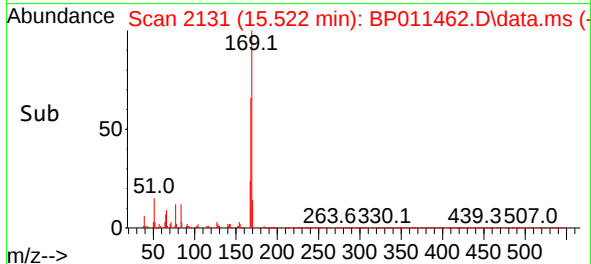
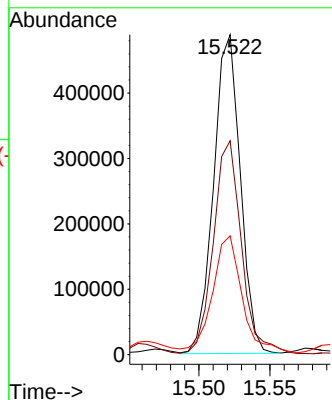
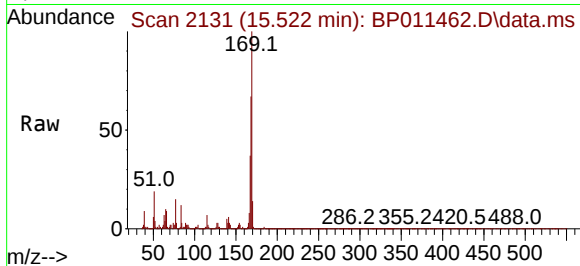




#67
N-Nitrosodiphenylamine
Concen: 44.524 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

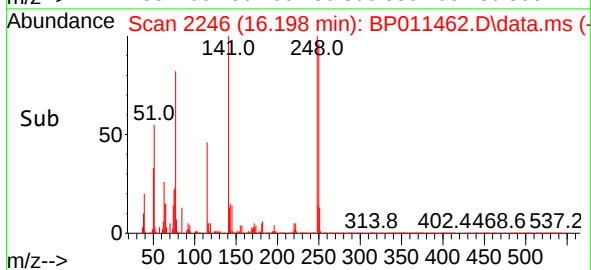
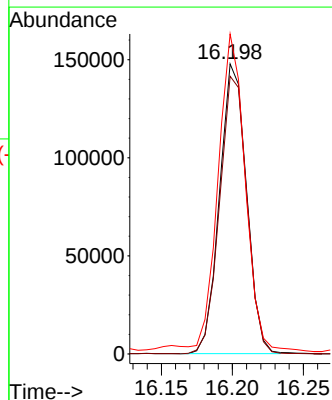
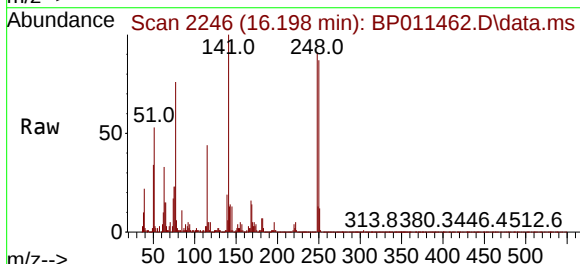
Instrument :
BNA_P
ClientSampleId :

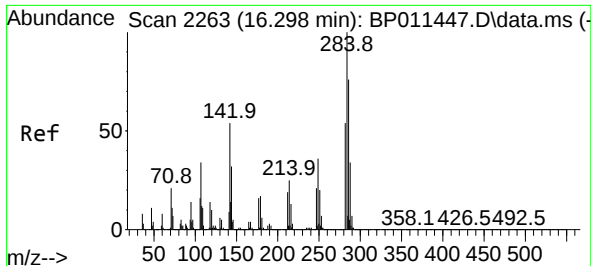
Tgt Ion:169 Resp: 638317
Ion Ratio Lower Upper
169 100
168 66.8 54.6 82.0
167 37.1 30.2 45.4



#68
4-Bromophenyl-phenylether
Concen: 44.695 ng/ul
RT: 16.198 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:248 Resp: 194969
Ion Ratio Lower Upper
248 100
250 95.8 82.8 124.2
141 110.3 90.8 136.2

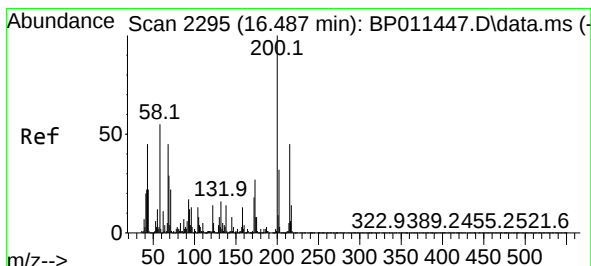
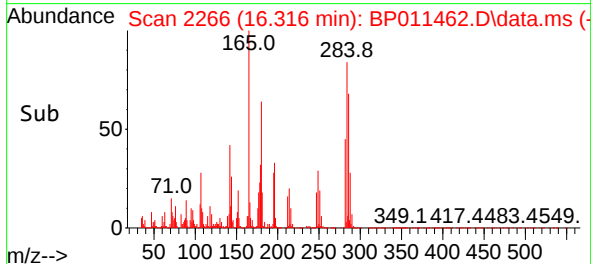
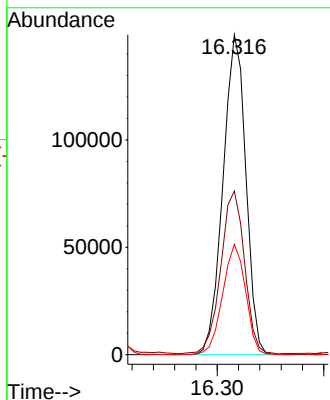
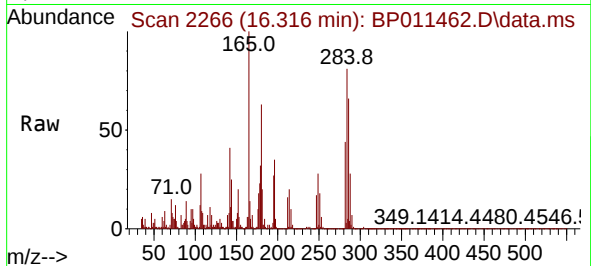




#69
Hexachlorobenzene
Concen: 44.046 ng/ul
RT: 16.316 min Scan# 2266
Delta R.T. 0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

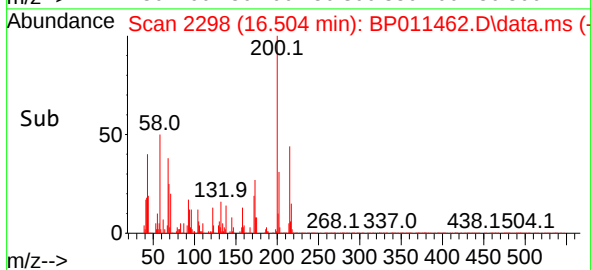
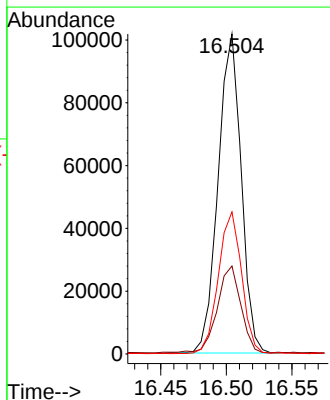
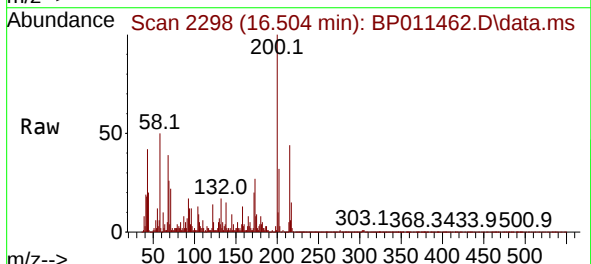
Instrument :
BNA_P
ClientSampleId :

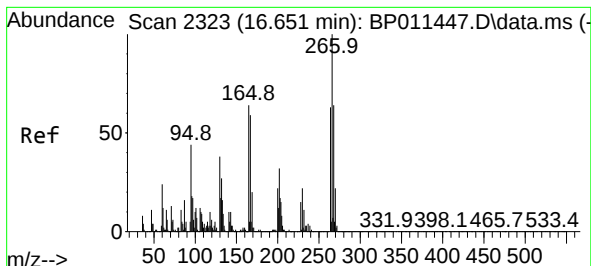
Tgt Ion:284 Resp: 221432
Ion Ratio Lower Upper
284 100
142 51.1 43.5 65.3
249 34.5 28.4 42.6



#70
Atrazine
Concen: 23.231 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. 0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:200 Resp: 124295
Ion Ratio Lower Upper
200 100
173 27.5 22.0 33.0
215 44.4 36.3 54.5





#71

Pentachlorophenol

Concen: 39.018 ng/ul

RT: 16.675 min Scan# 2410

Delta R.T. 0.023 min

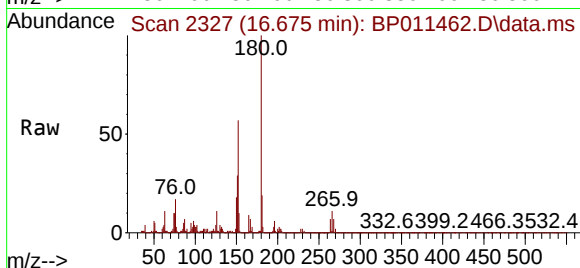
Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :



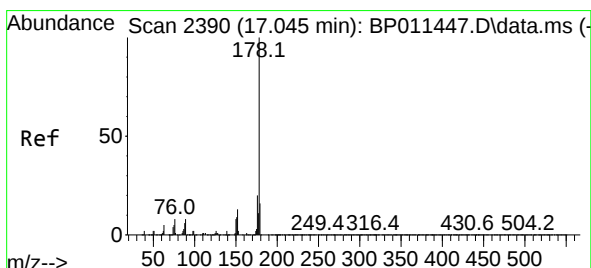
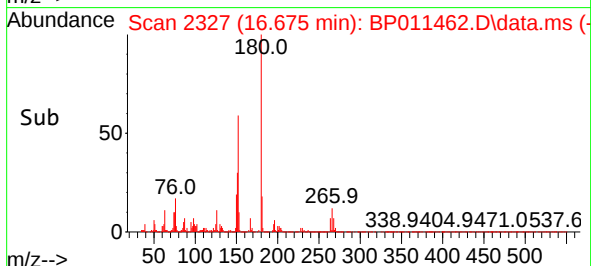
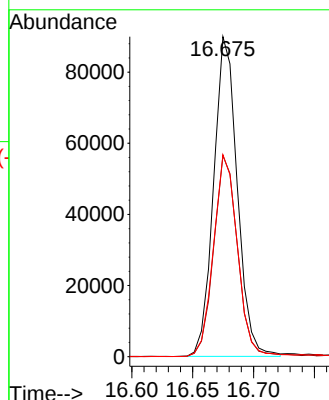
Tgt Ion:266 Resp: 121627

Ion Ratio Lower Upper

266 100

264 62.8 50.6 76.0

268 63.1 51.3 76.9



#72

Phenanthrene

Concen: 263.316 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. 0.118 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

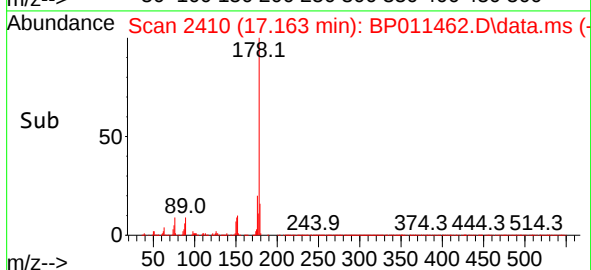
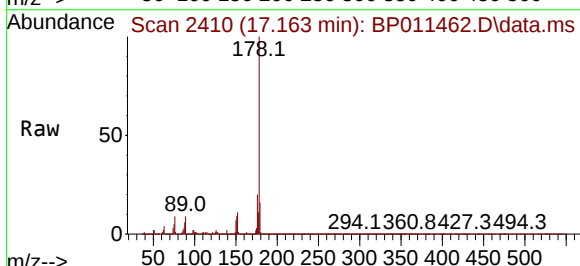
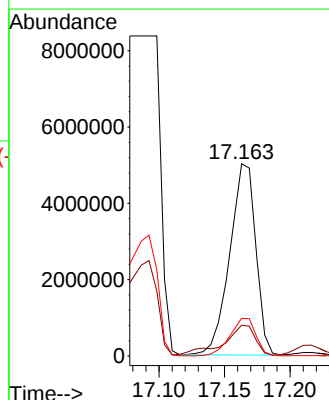
Tgt Ion:178 Resp: 6964609

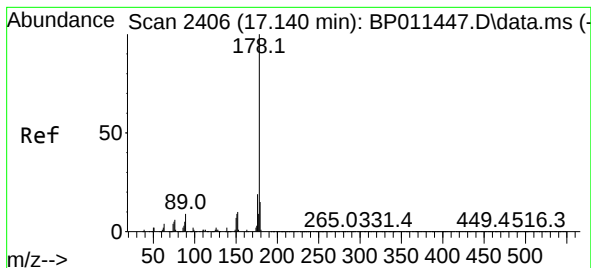
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 19.5 15.8 23.8





#74

Anthracene

Concen: 261.038 ng/uI

RT: 17.163 min Scan# 2406

Delta R.T. 0.023 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

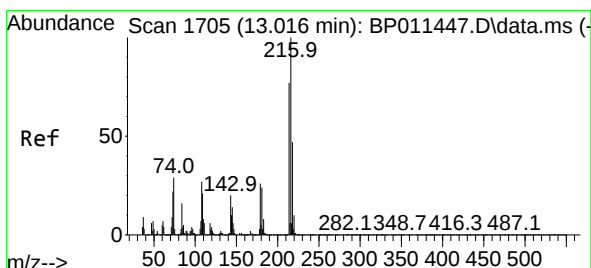
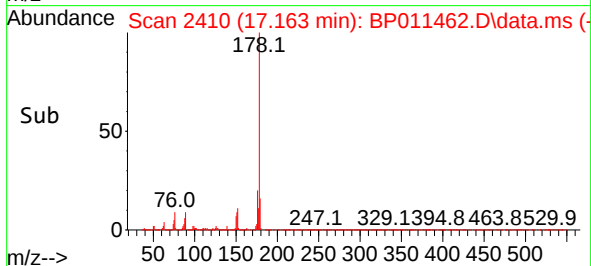
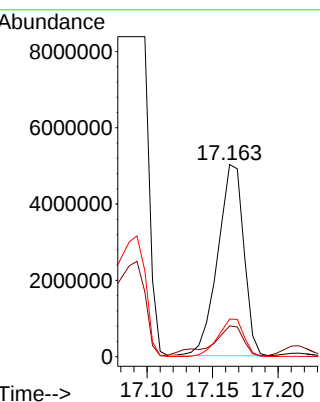
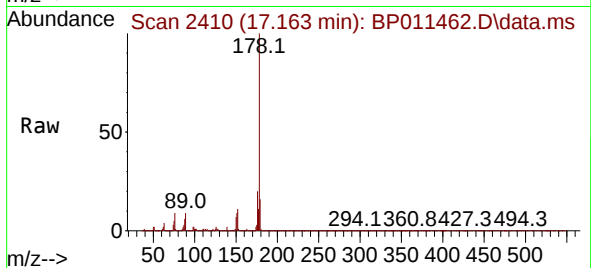
Tgt Ion:178 Resp: 6965616

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

176 19.5 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 44.691 ng/uI

RT: 13.022 min Scan# 1706

Delta R.T. 0.006 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

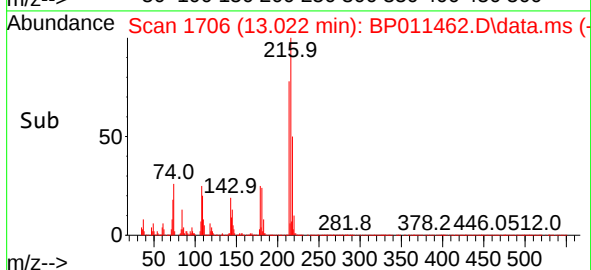
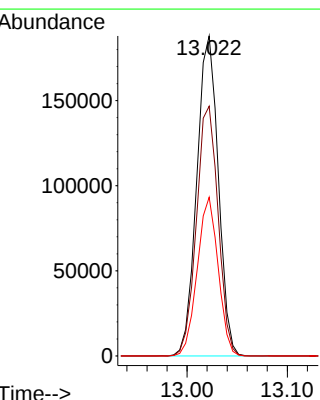
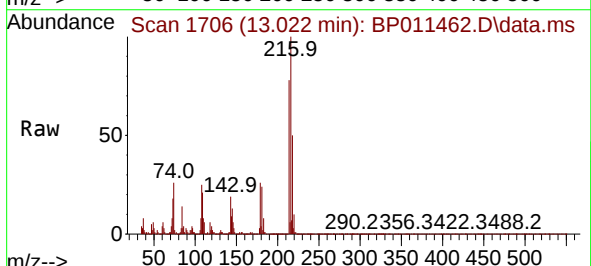
Tgt Ion:216 Resp: 280729

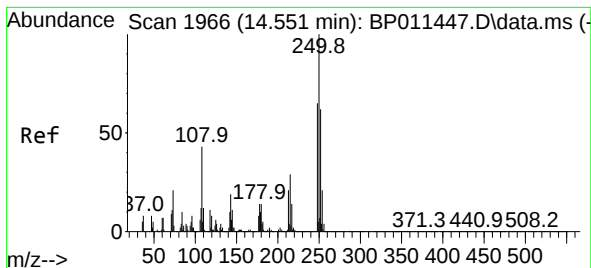
Ion Ratio Lower Upper

216 100

214 78.1 61.8 92.6

218 49.6 37.4 56.0





#76

Pentachlorobenzene

Concen: 44.724 ng/uL

RT: 14.563 min Scan# 1966

Delta R.T. 0.012 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

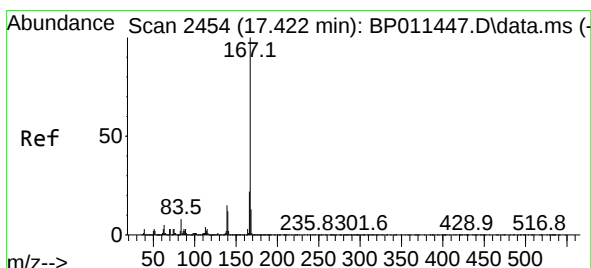
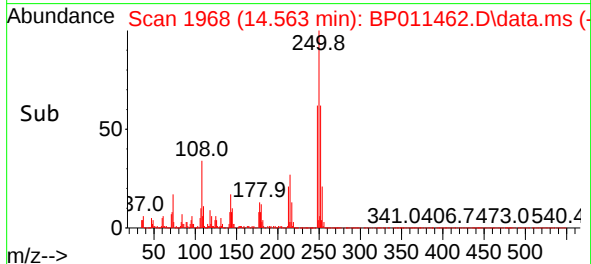
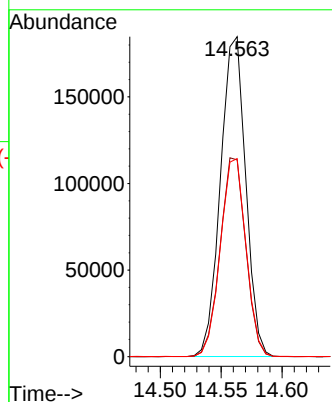
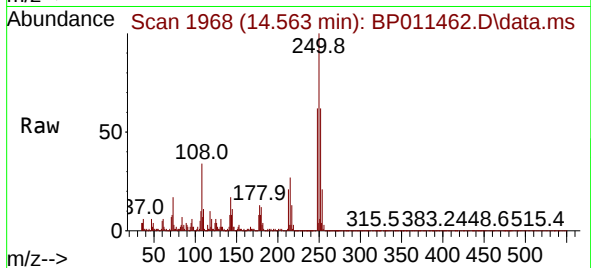
Tgt Ion:250 Resp: 266575

Ion Ratio Lower Upper

250 100

248 61.5 51.7 77.5

252 61.9 50.0 75.0



#77

Carbazole

Concen: 124.418 ng/uL

RT: 17.439 min Scan# 2457

Delta R.T. 0.018 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

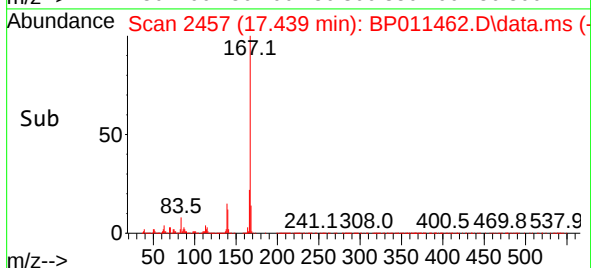
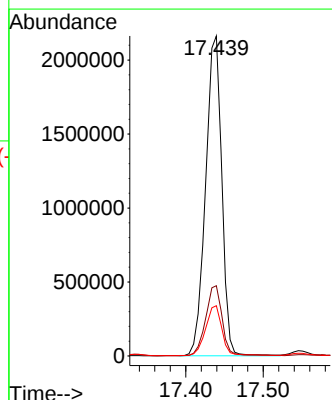
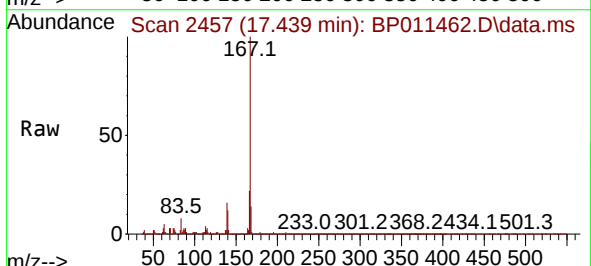
Tgt Ion:167 Resp: 3122776

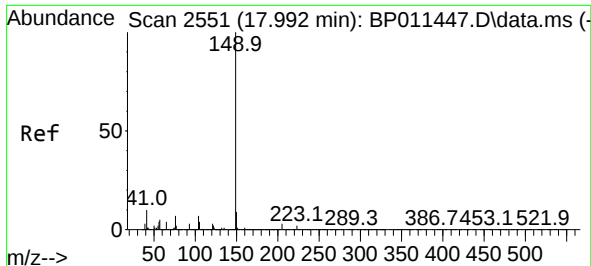
Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 15.7 12.1 18.1

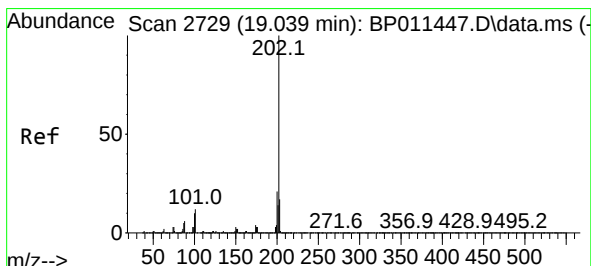
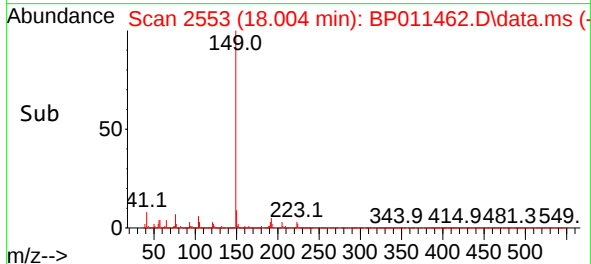
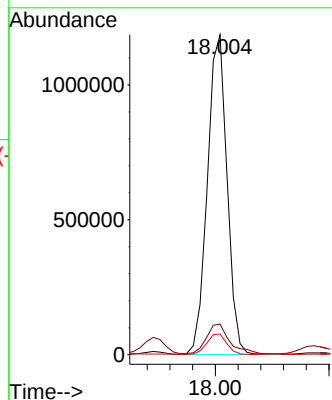
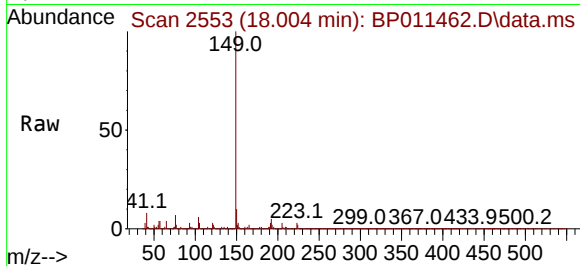




#78
Di-n-butylphthalate
Concen: 45.970 ng/ul
RT: 18.004 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

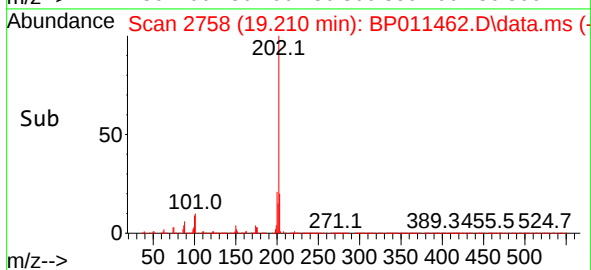
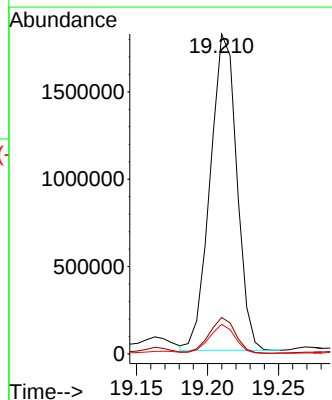
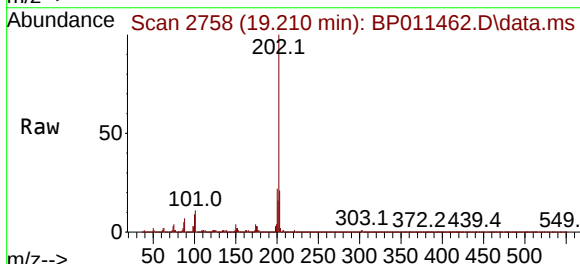
Instrument :
BNA_P
ClientSampleId :

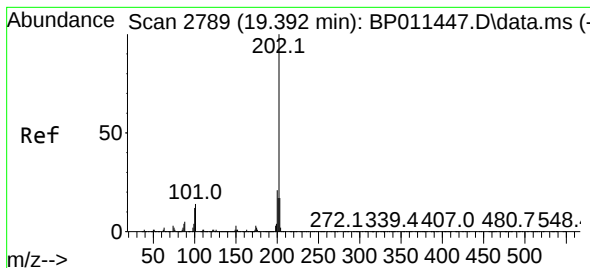
Tgt Ion:149 Resp: 1420855
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 6.4 5.5 8.3



#80
Fluoranthene
Concen: 65.960 ng/ul
RT: 19.210 min Scan# 2758
Delta R.T. 0.171 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:202 Resp: 2364154
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 9.3 7.9 11.9





#82

Pyrene

Concen: 4.780 ng/ul

RT: 19.333 min Scan# 21

Delta R.T. -0.059 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

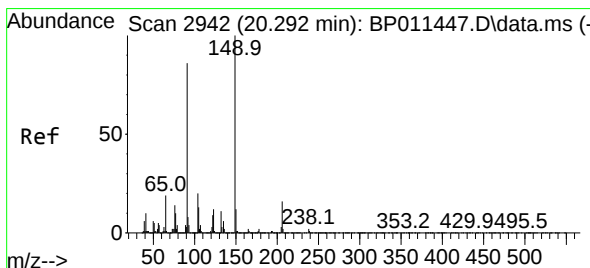
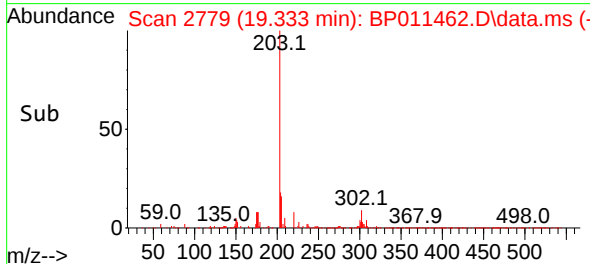
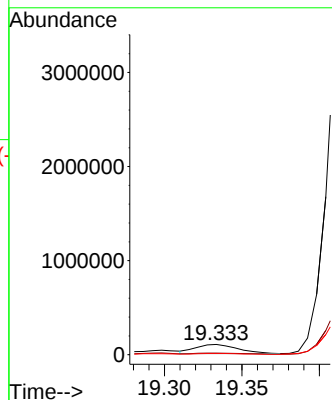
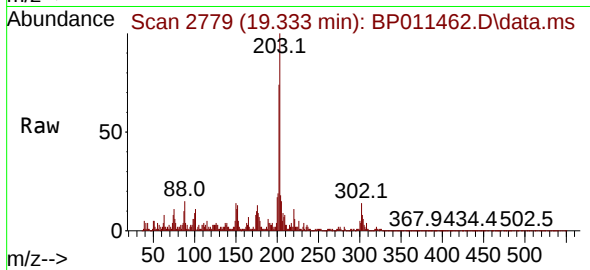
Tgt Ion:202 Resp: 180033

Ion Ratio Lower Upper

202 100

101 15.4 11.4 17.2

100 11.5 9.4 14.0



#83

Butylbenzylphthalate

Concen: 42.257 ng/ul

RT: 20.310 min Scan# 2945

Delta R.T. 0.018 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

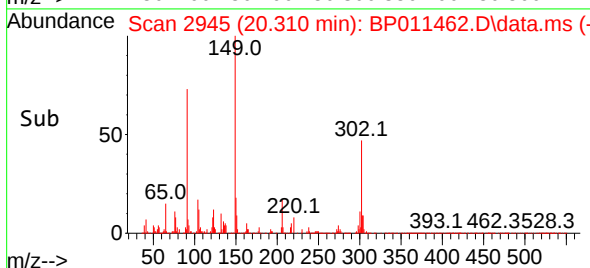
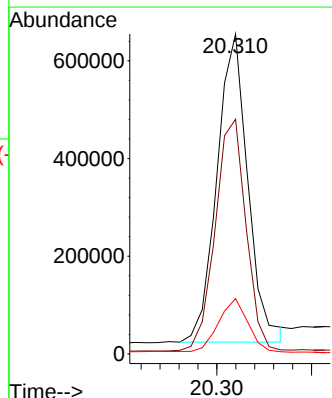
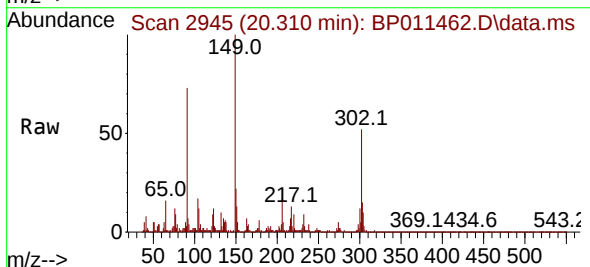
Tgt Ion:149 Resp: 713886

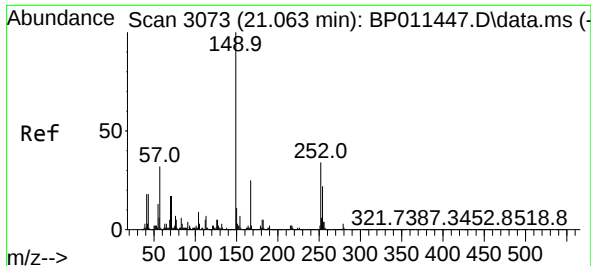
Ion Ratio Lower Upper

149 100

91 73.3 68.5 102.7

206 17.3 12.6 18.8

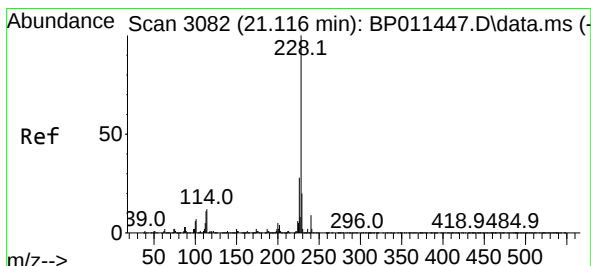
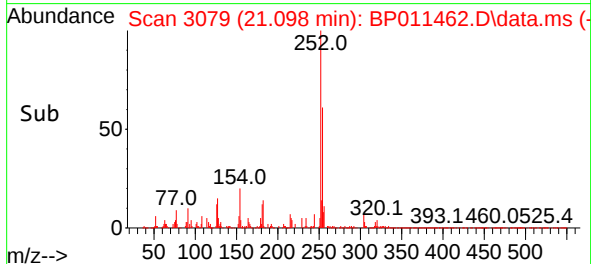
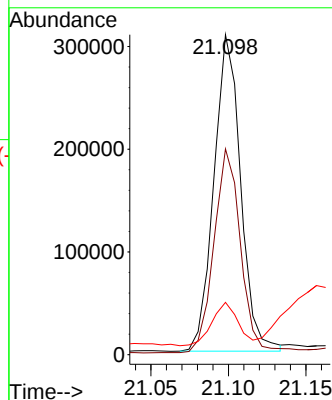
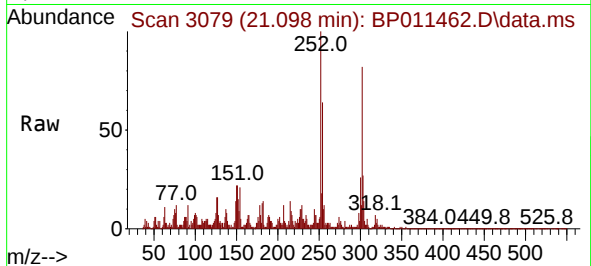




#84
3,3'-Dichlorobenzidine
Concen: 33.920 ng/ul
RT: 21.098 min Scan# 3073
Delta R.T. 0.035 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

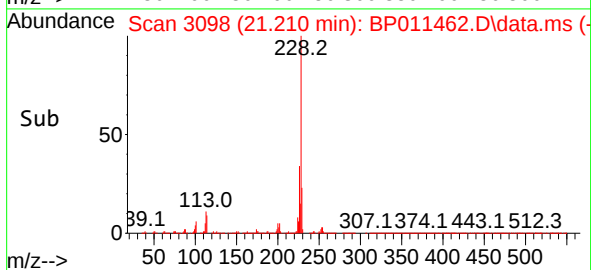
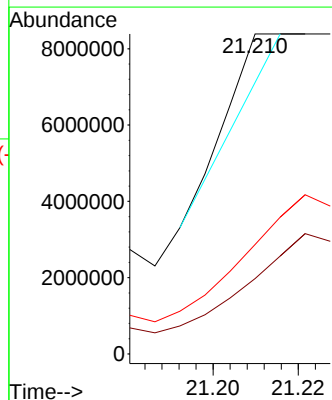
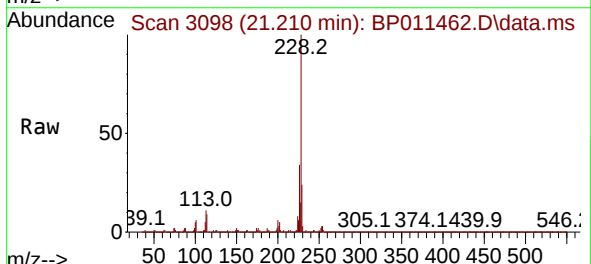
Instrument :
BNA_P
ClientSampleId :

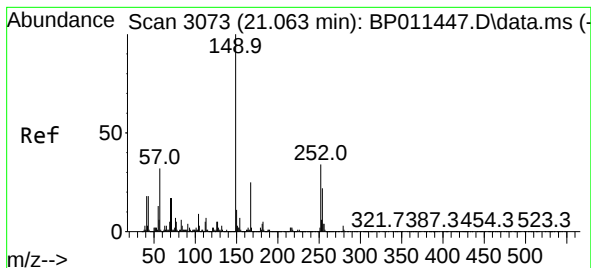
Tgt Ion:252 Resp: 369900
Ion Ratio Lower Upper
252 100
254 64.3 51.2 76.8
126 16.3 12.2 18.2



#85
Benzo(a)anthracene
Concen: 56.704 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. 0.094 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:228 Resp: 1990084
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 34.2 22.6 33.8#

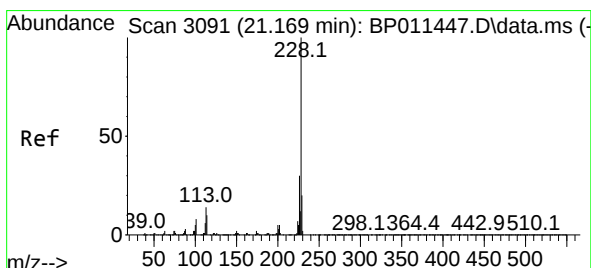
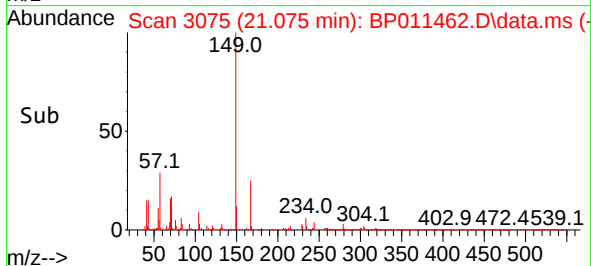
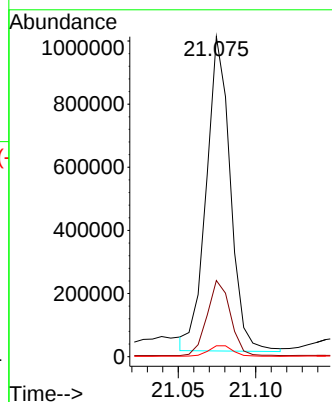
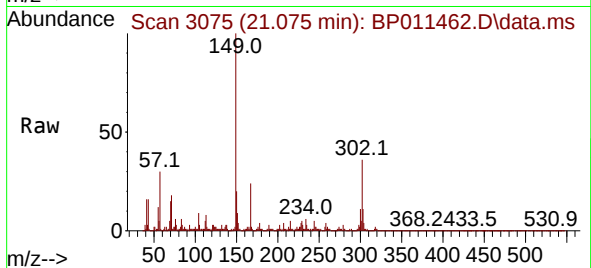




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 42.914 ng/ul
 RT: 21.075 min Scan# 3075
 Delta R.T. 0.012 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

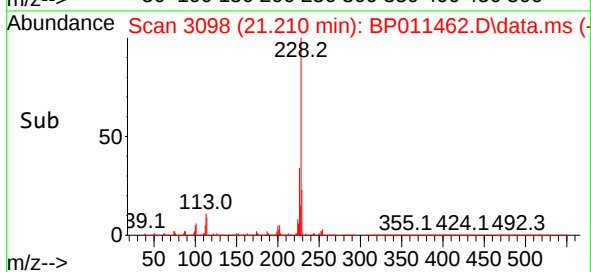
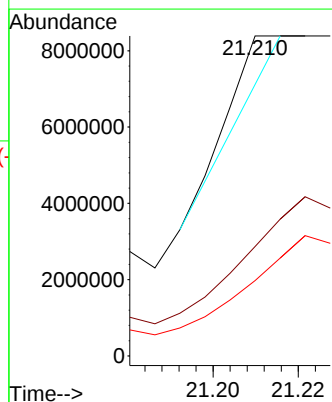
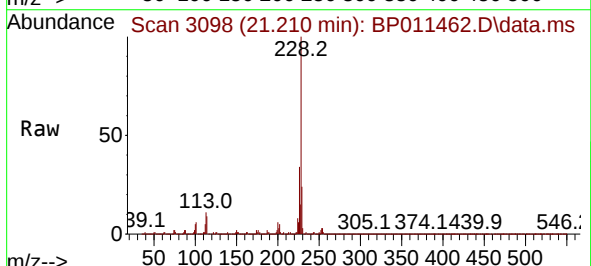
Instrument :
 BNA_P
 ClientSampleId :

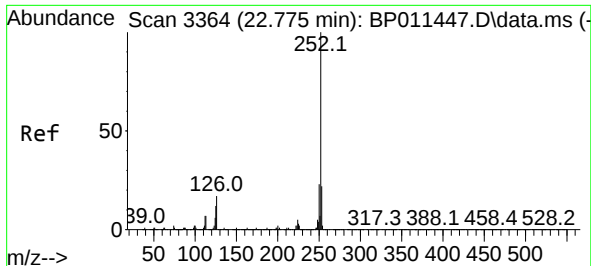
Tgt Ion:149 Resp: 1072866
 Ion Ratio Lower Upper
 149 100
 167 23.8 19.8 29.8
 279 3.4 2.7 4.1



#87
 Chrysene
 Concen: 57.724 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. 0.041 min
 Lab File: BP011462.D
 Acq: 17 Aug 2022 14:47

Tgt Ion:228 Resp: 1990084
 Ion Ratio Lower Upper
 228 100
 226 34.2 23.9 35.9
 229 23.6 16.0 24.0

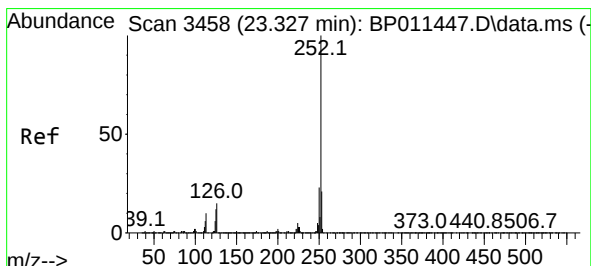
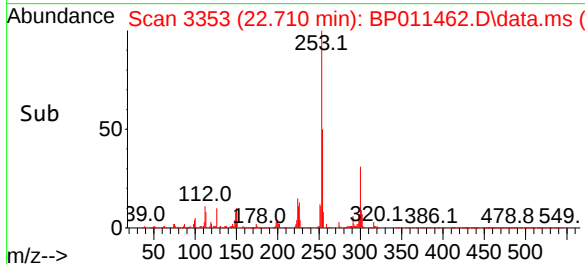
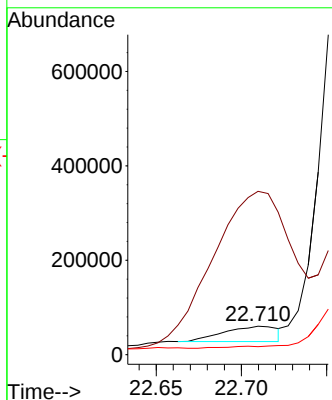
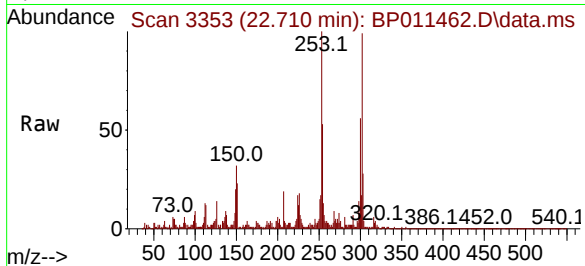




#91
Benzo(k)fluoranthene
Concen: 1.502 ng/ul
RT: 22.710 min Scan# 31
Delta R.T. -0.065 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

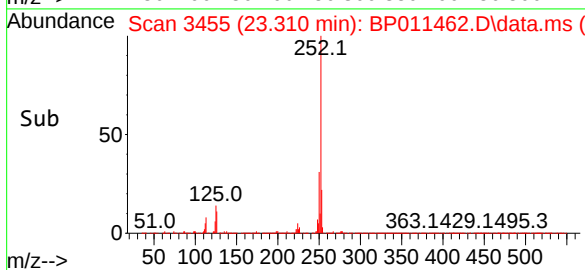
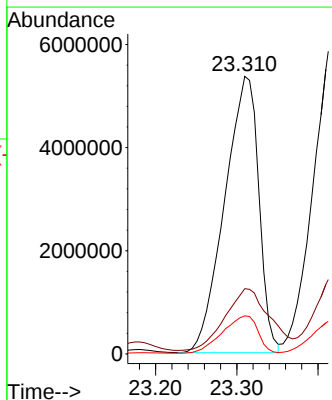
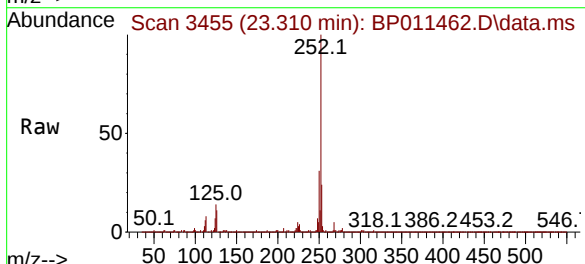
Instrument :
BNA_P
ClientSampleId :

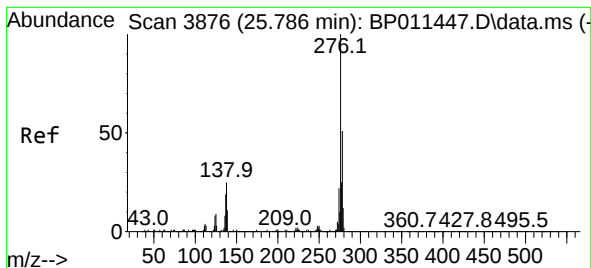
Tgt Ion:252 Resp: 71362
Ion Ratio Lower Upper
252 100
253 571.8 17.9 26.9#
125 28.4 9.8 14.8#



#93
Benzo(a)pyrene
Concen: 321.661 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.018 min
Lab File: BP011462.D
Acq: 17 Aug 2022 14:47

Tgt Ion:252 Resp:15638671
Ion Ratio Lower Upper
252 100
253 23.5 16.8 25.2
125 13.7 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 40.616 ng/ul

RT: 25.633 min Scan# 3850

Delta R.T. -0.153 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Instrument :

BNA_P

ClientSampleId :

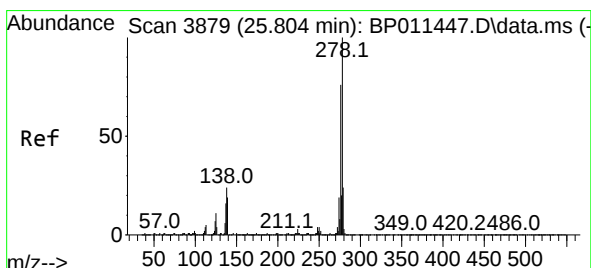
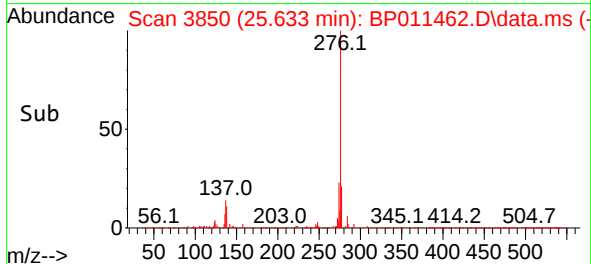
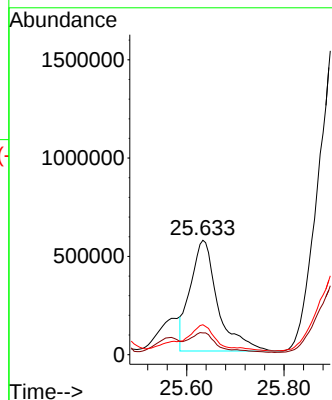
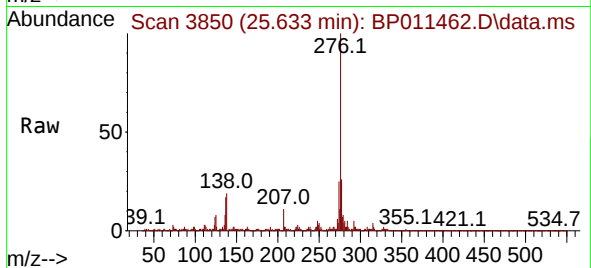
Tgt Ion:276 Resp: 2202555

Ion Ratio Lower Upper

276 100

138 19.0 20.2 30.4#

277 26.2 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 35.707 ng/ul

RT: 25.563 min Scan# 3838

Delta R.T. -0.241 min

Lab File: BP011462.D

Acq: 17 Aug 2022 14:47

Tgt Ion:278 Resp: 1667293

Ion Ratio Lower Upper

278 100

139 18.0 15.4 23.0

279 28.0 19.3 28.9

