

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072122\
 Data File : BP011064.D
 Acq On : 21 Jul 2022 16:10
 Operator : CG/JU
 Sample : N3709-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 21 23:24:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	378218	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	1511346	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.334	164	834313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1633423	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.227	240	1428779	20.000	ng/u1	# 0.00
88) Perylene-d12	23.580	264	1553863	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	34229	3.263	ng/uL	0.00
4) Pyridine-d5	3.593	84	209614	7.730	ng/u1	0.00
7) Phenol-d5	6.852	99	623322	20.077	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	418584	20.967	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	523928	20.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	485187	19.521	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	251611	22.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	247068	22.670	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	448601	22.508	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.610	131	572504	17.424	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1284891	22.533	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1674088	24.883	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	195762	16.963	ng/u1	0.00
60) Fluorene-d10	15.334	176	1135340	23.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	136806	16.926	ng/u1	0.00
73) Anthracene-d10	17.204	188	1674164	24.109	ng/u1	0.00
81) Pyrene-d10	19.463	212	1836915	24.479	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.433	264	1850055	24.789	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	98704	8.967	ng/uL#	89
5) Pyridine	3.611	79	404213	14.464	ng/u1#	76
6) Benzaldehyde	6.822	77	549975	36.470	ng/u1	95
8) Phenol	6.881	94	813223	24.642	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.111	93	671452	25.637	ng/u1	91
12) 2-Chlorophenol	7.240	128	659087	25.416	ng/u1	93
13) 2-Methylphenol	8.122	108	586787	24.044	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	929489	25.947	ng/u1#	96
16) Acetophenone	8.499	105	1007786	26.785	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.487	70	488567	25.879	ng/u1	91
18) 4-Methylphenol	8.452	108	635895	24.404	ng/u1	98
19) Hexachloroethane	8.746	117	284574	27.731	ng/u1#	81
22) Nitrobenzene	8.875	77	727036	28.069	ng/u1	93
23) Isophorone	9.405	82	1359019	28.035	ng/u1	99
25) 2-Nitrophenol	9.587	139	335397	27.417	ng/u1#	83
26) 2,4-Dimethylphenol	9.652	107	509057	19.678	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.893	93	856344	26.694	ng/u1	97
29) 2,4-Dichlorophenol	10.116	162	545858	26.461	ng/u1	98
30) Naphthalene	10.516	128	2156107	27.995	ng/u1	99
32) 4-Chloroaniline	10.634	127	868930	26.736	ng/u1	98
33) Hexachlorobutadiene	10.799	225	330583	27.530	ng/u1	96
34) Caprolactam	11.428	113	185902	25.714	ng/u1	87
35) 4-Chloro-3-methylphenol	11.769	107	610976	26.207	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	1389940	27.838	ng/u1	99

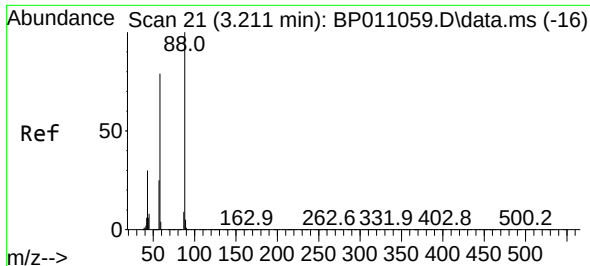
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1367638	27.327	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	604179	27.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	319942	23.475	ng/ul	95
41) 2,4,6-Trichlorophenol	12.757	196	391734	27.033	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	424644	27.420	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1716306	27.570	ng/ul#	98
44) 2-Chloronaphthalene	13.198	162	1312907	28.079	ng/ul	97
47) Dimethylphthalate	13.804	163	1567563	27.244	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	310351	29.793	ng/ul	92
50) Acenaphthylene	14.051	152	2055231	27.224	ng/ul	99
51) 3-Nitroaniline	14.251	138	313794	25.073	ng/ul	91
52) Acenaphthene	14.398	153	1431278	28.619	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	126006	20.676	ng/ul	87
55) 4-Nitrophenol	14.569	109	218279	24.704	ng/ul#	79
56) Dibenzofuran	14.740	168	1898839	27.516	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	437843	29.467	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.969	232	342385	28.231	ng/ul#	90
59) Diethylphthalate	15.181	149	1675891	28.362	ng/ul	98
61) Fluorene	15.392	166	1590148	28.713	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	700415	27.472	ng/ul	93
63) 4-Nitroaniline	15.422	138	340023	29.562	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.475	198	203251	24.512	ng/ul	97
67) N-Nitrosodiphenylamine	15.610	169	1321804	28.329	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	430554	29.226	ng/ul	92
69) Hexachlorobenzene	16.398	284	473934	27.719	ng/ul#	93
70) Atrazine	16.581	200	457622	28.351	ng/ul	96
71) Pentachlorophenol	16.751	266	241940	22.976	ng/ul	96
72) Phenanthrene	17.145	178	2469423	29.018	ng/ul	99
74) Anthracene	17.239	178	2404878	28.409	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	623335	26.657	ng/uL	97
76) Pentachlorobenzene	14.651	250	572450	27.927	ng/uL	98
77) Carbazole	17.516	167	2286097	28.854	ng/ul	98
78) Di-n-butylphthalate	18.086	149	3107278	31.375	ng/ul	99
80) Fluoranthene	19.133	202	2713050	30.913	ng/ul#	86
82) Pyrene	19.492	202	2710267	29.931	ng/ul#	85
83) Butylbenzylphthalate	20.386	149	1414554	35.018	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	659912	26.084	ng/ul#	96
85) Benzo(a)anthracene	21.216	228	2613298	30.033	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	3752375	62.258	ng/ul#	97
87) Chrysene	21.269	228	2491565	29.162	ng/ul	100
89) Di-n-octyl phthalate	22.069	149	3748391	35.969	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	2841912	29.620	ng/ul#	94
91) Benzo(k)fluoranthene	22.916	252	2527950	28.051	ng/ul#	93
93) Benzo(a)pyrene	23.480	252	2444560	26.531	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.021	276	3220927	30.080	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	2643597	28.531	ng/ul#	89
96) Benzo(g,h,i)perylene	26.774	276	2488349	27.285	ng/ul#	87

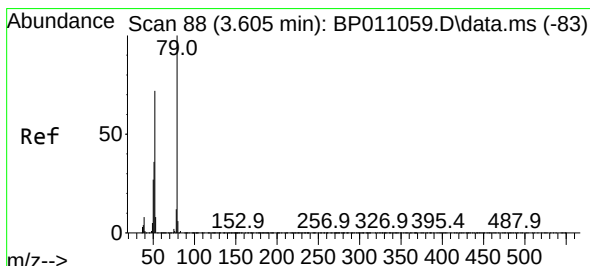
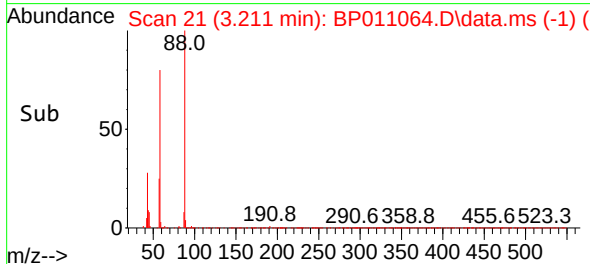
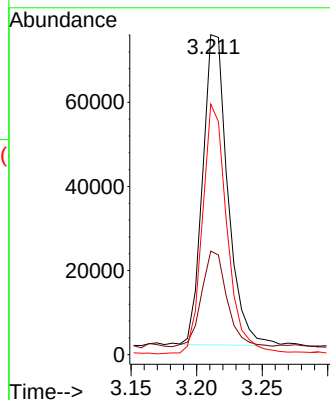
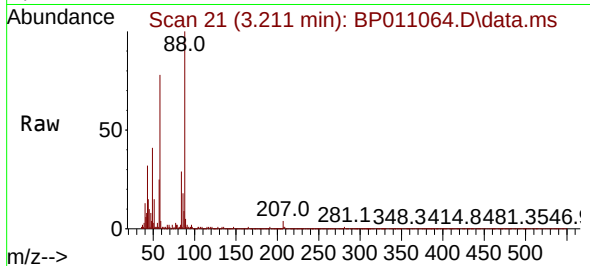
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 8.967 ng/uL
RT: 3.211 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

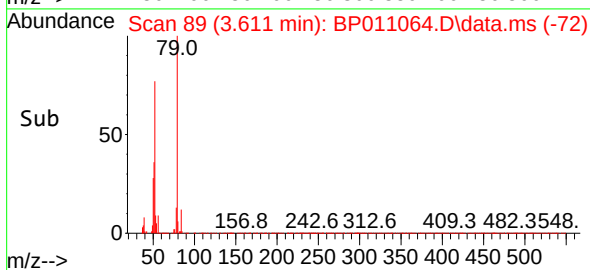
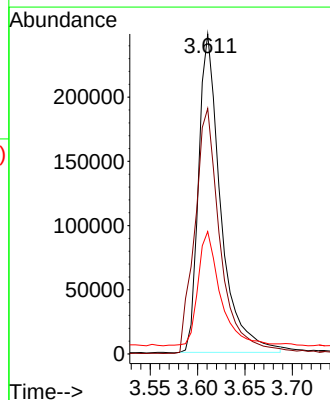
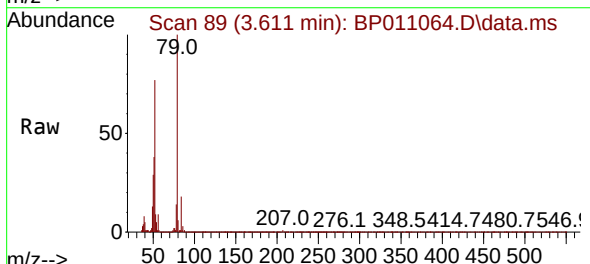
Instrument :
BNA_P
ClientSampleId :

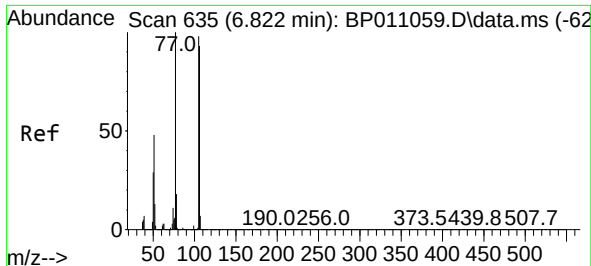
Tgt Ion: 88 Resp: 98704
Ion Ratio Lower Upper
88 100
43 32.4 35.8 53.6#
58 78.3 68.1 102.1



#5
Pyridine
Concen: 14.464 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion: 79 Resp: 404213
Ion Ratio Lower Upper
79 100
52 76.7 83.8 125.8#
51 38.3 41.0 61.4#

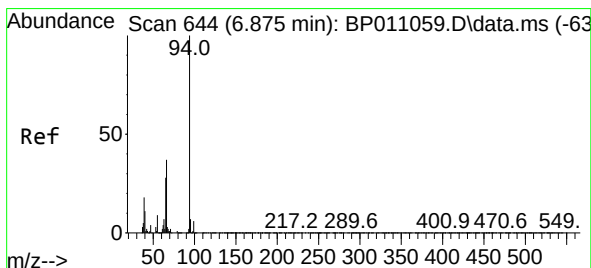
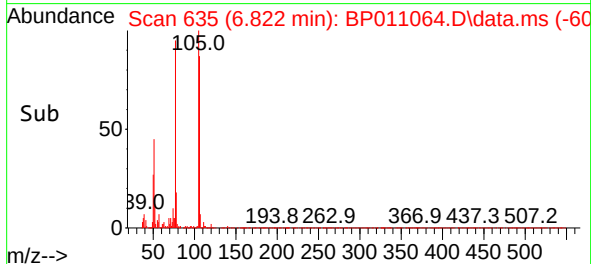
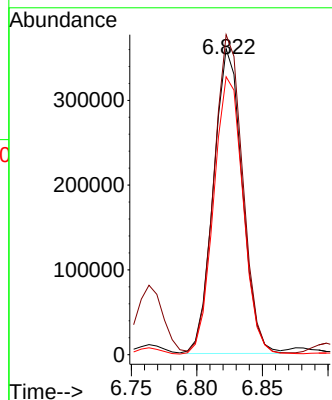
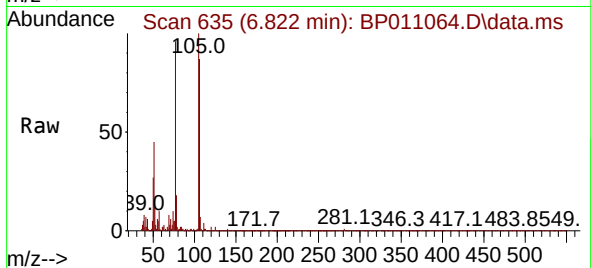




#6
Benzaldehyde
Concen: 36.470 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

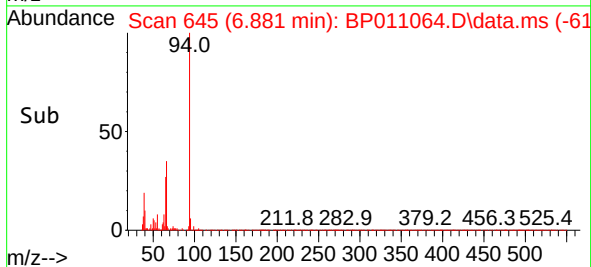
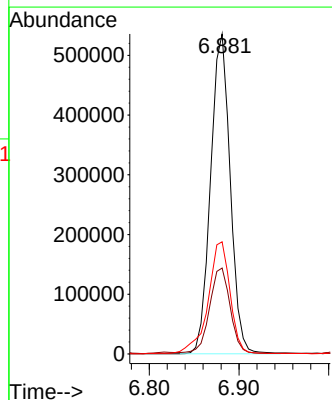
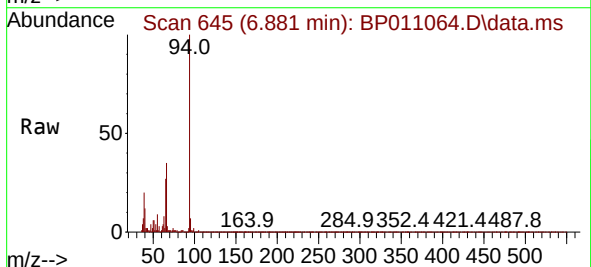
Instrument :
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ClientSampleId :

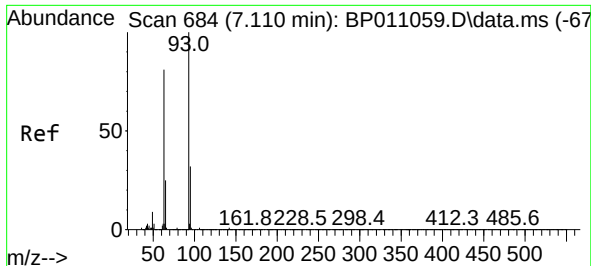
Tgt Ion: 77 Resp: 549975
Ion Ratio Lower Upper
77 100
105 104.6 76.0 114.0
106 90.9 73.2 109.8



#8
Phenol
Concen: 24.642 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion: 94 Resp: 813223
Ion Ratio Lower Upper
94 100
65 26.9 27.4 41.2#
66 35.0 37.4 56.2#

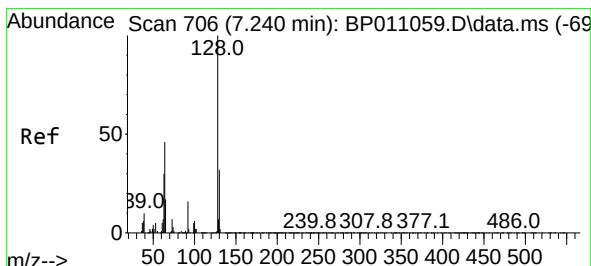
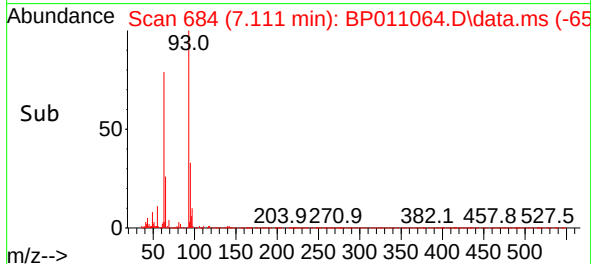
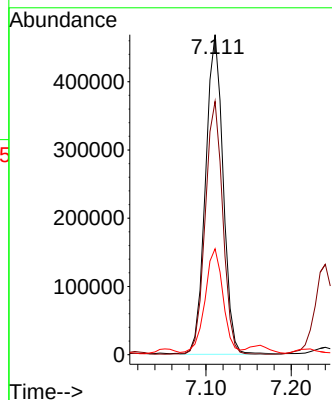
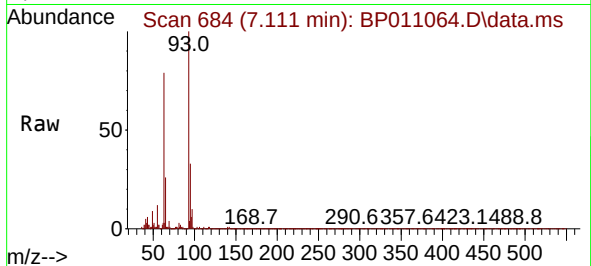




#10
Bis(2-Chloroethyl)ether
Concen: 25.637 ng/ul
RT: 7.111 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

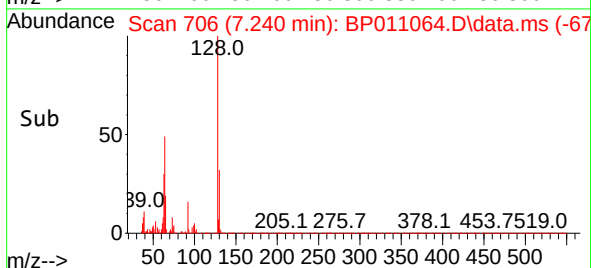
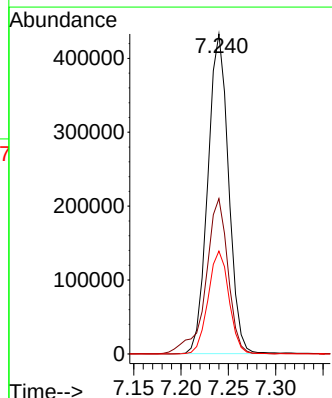
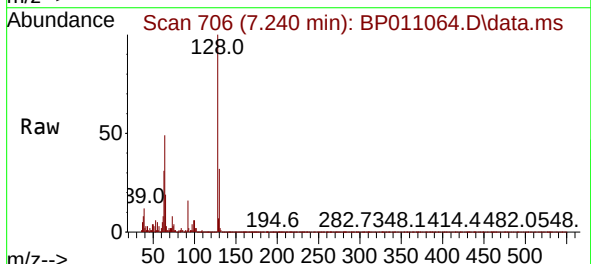
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ClientSampleId :

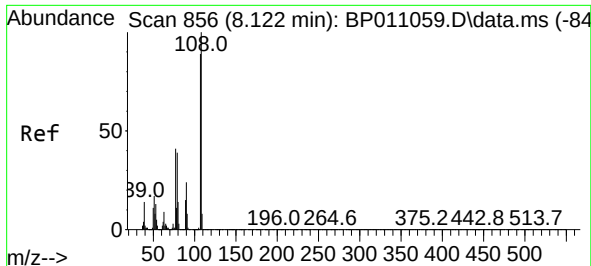
Tgt Ion: 93 Resp: 671452
Ion Ratio Lower Upper
93 100
63 79.1 72.4 108.6
95 33.1 27.3 40.9



#12
2-Chlorophenol
Concen: 25.416 ng/ul
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion: 128 Resp: 659087
Ion Ratio Lower Upper
128 100
64 48.6 44.8 67.2
130 32.1 25.8 38.6





#13

2-Methylphenol

Concen: 24.044 ng/ul

RT: 8.122 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

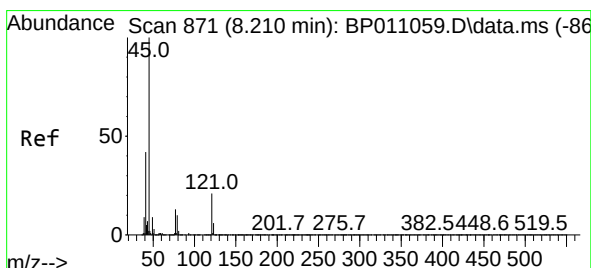
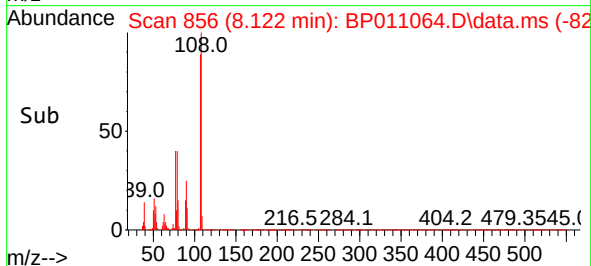
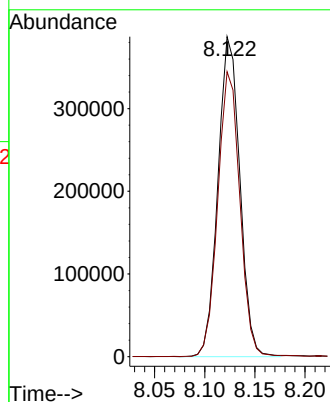
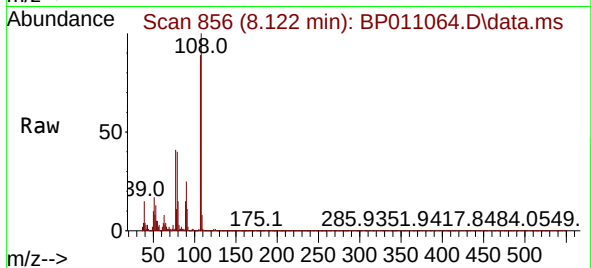
ClientSampleId :

Tgt Ion:108 Resp: 586787

Ion Ratio Lower Upper

108 100

107 89.0 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.947 ng/ul

RT: 8.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

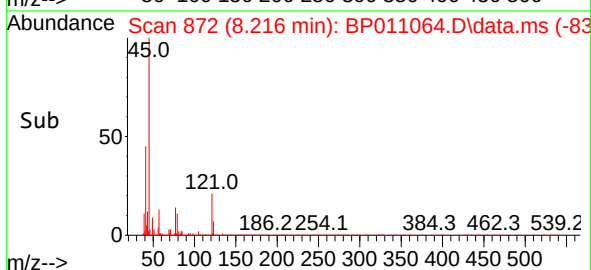
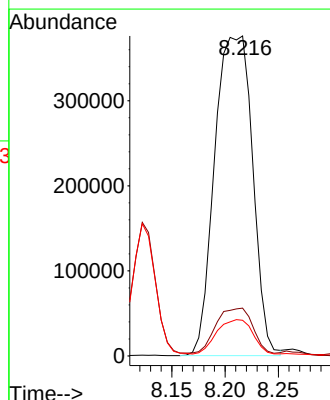
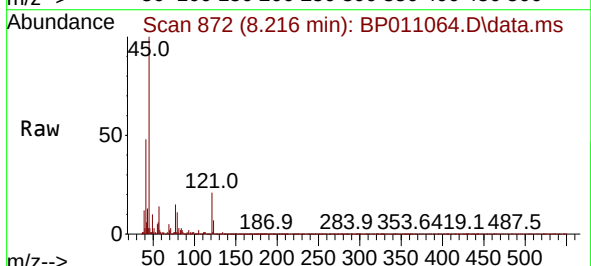
Tgt Ion: 45 Resp: 929489

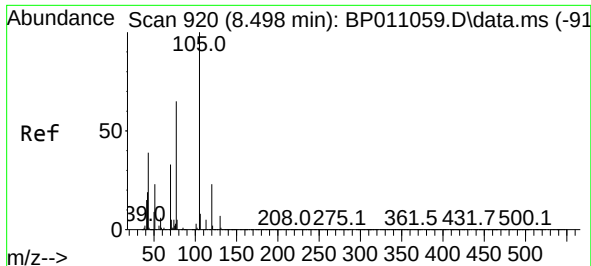
Ion Ratio Lower Upper

45 100

77 14.9 11.2 16.8

79 11.2 6.9 10.3#

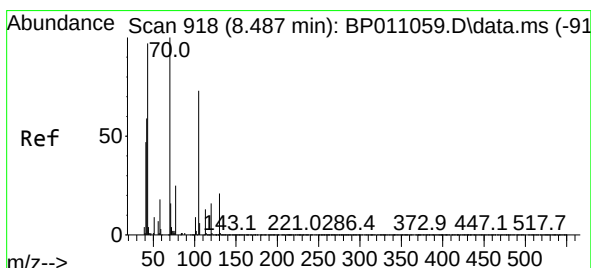
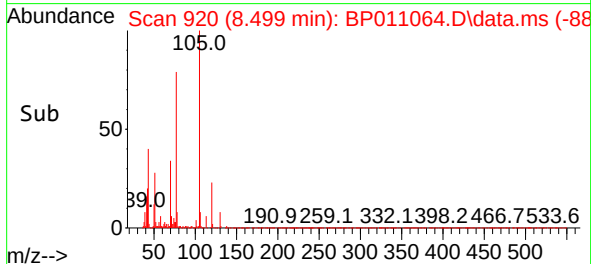
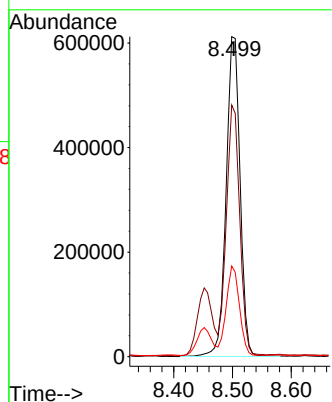
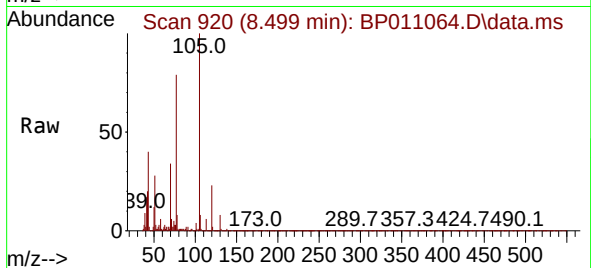




#16
Acetophenone
Concen: 26.785 ng/ul
RT: 8.499 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

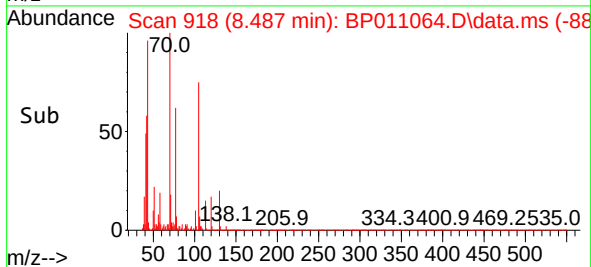
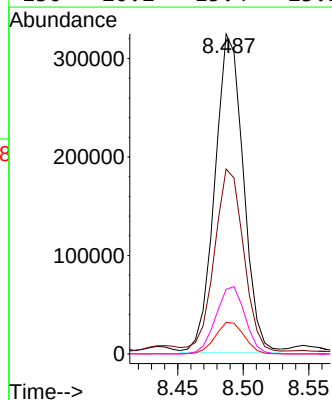
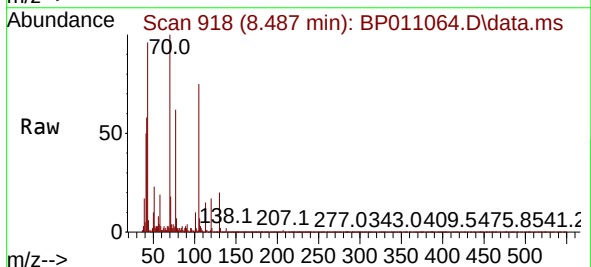
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BNA_P
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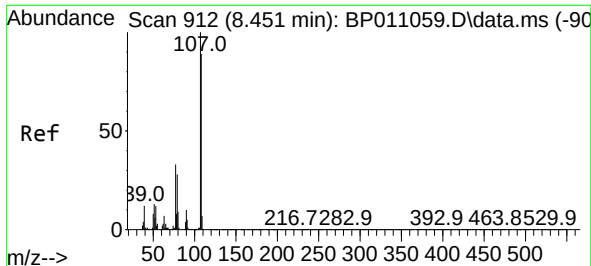
Tgt Ion:105 Resp: 1007786
Ion Ratio Lower Upper
105 100
77 78.7 67.5 101.3
51 28.3 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 25.879 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion: 70 Resp: 488567
Ion Ratio Lower Upper
70 100
42 57.8 53.8 80.8
101 9.9 7.8 11.6
130 20.2 15.4 23.2

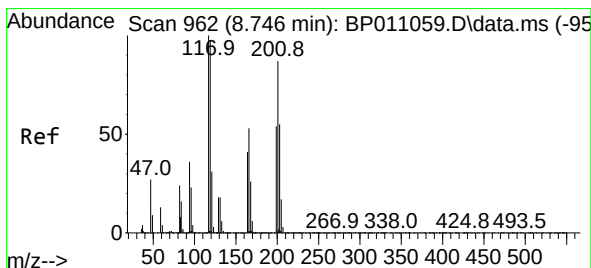
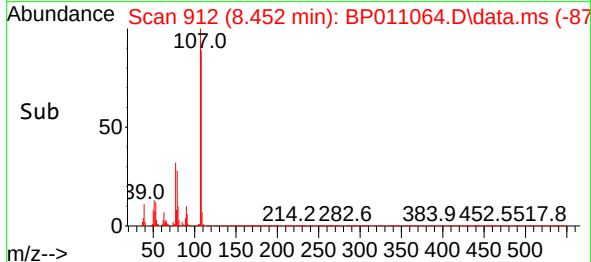
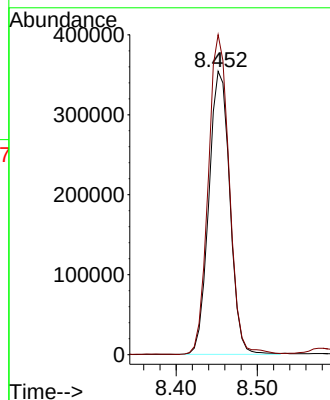
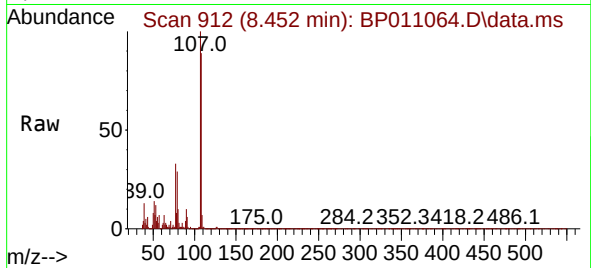




#18
4-Methylphenol
Concen: 24.404 ng/ul
RT: 8.452 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

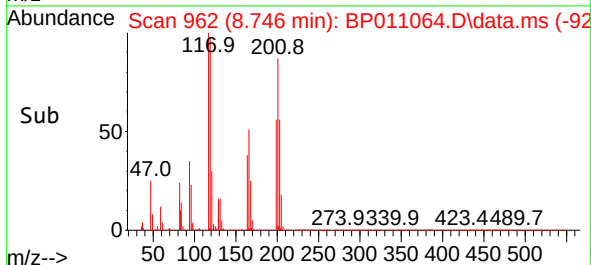
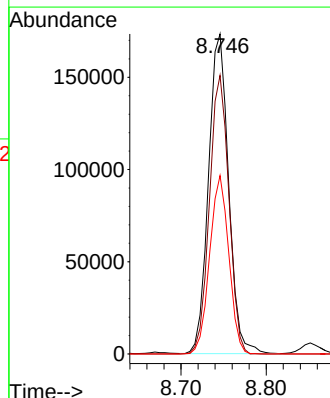
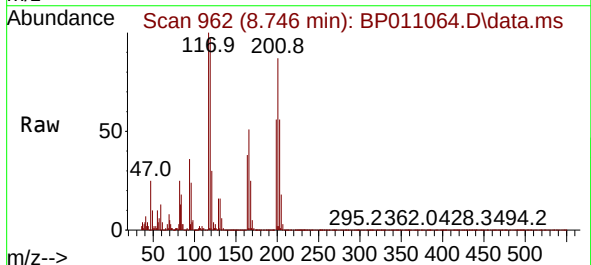
Instrument :
BNA_P
ClientSampleId :

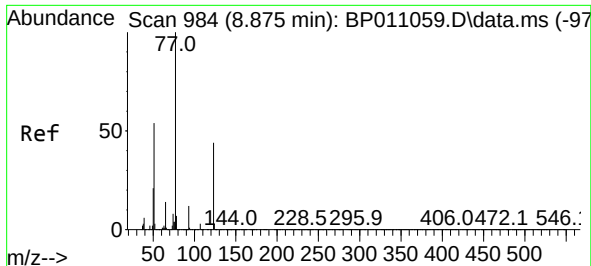
Tgt Ion:108 Resp: 635895
Ion Ratio Lower Upper
108 100
107 112.9 88.3 132.5



#19
Hexachloroethane
Concen: 27.731 ng/ul
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:117 Resp: 284574
Ion Ratio Lower Upper
117 100
201 87.1 85.7 128.5
199 55.8 57.4 86.0#

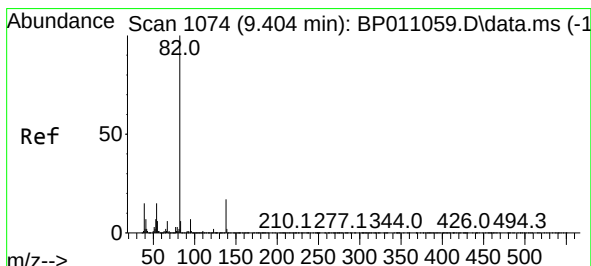
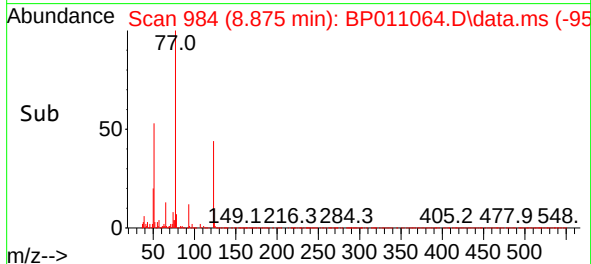
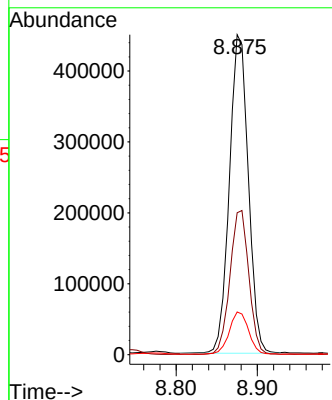
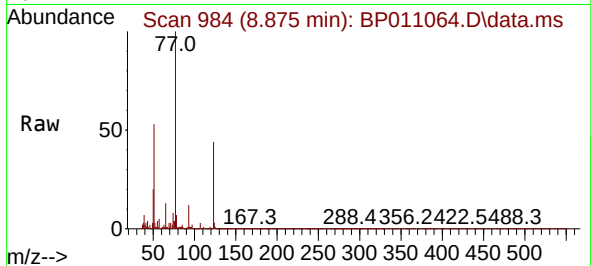




#22
Nitrobenzene
Concen: 28.069 ng/ul
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

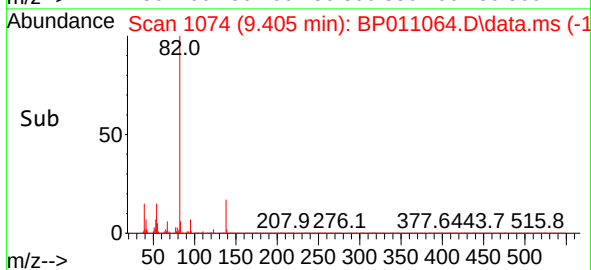
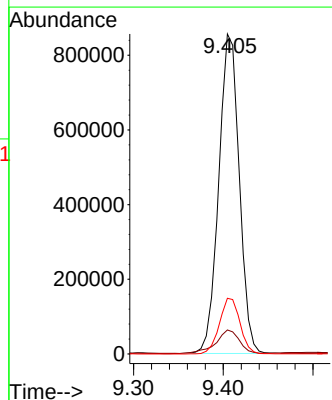
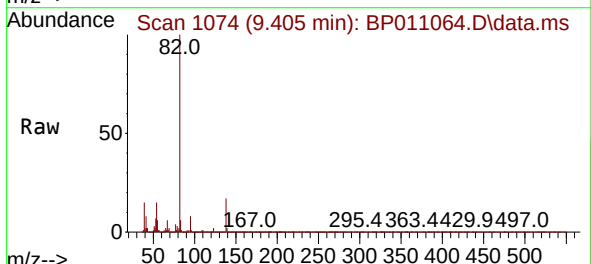
Instrument :
BNA_P
ClientSampleId :

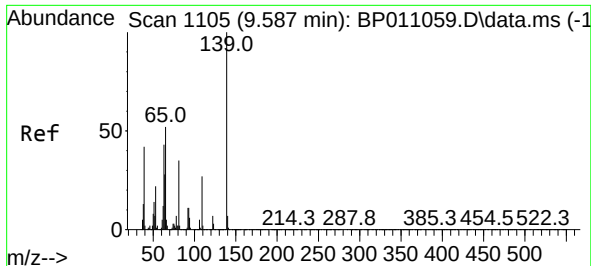
Tgt Ion: 77 Resp: 727036
Ion Ratio Lower Upper
77 100
123 44.3 31.5 47.3
65 13.3 11.4 17.2



#23
Isophorone
Concen: 28.035 ng/ul
RT: 9.405 min Scan# 1074
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion: 82 Resp: 1359019
Ion Ratio Lower Upper
82 100
95 7.5 6.6 10.0
138 17.4 13.8 20.6

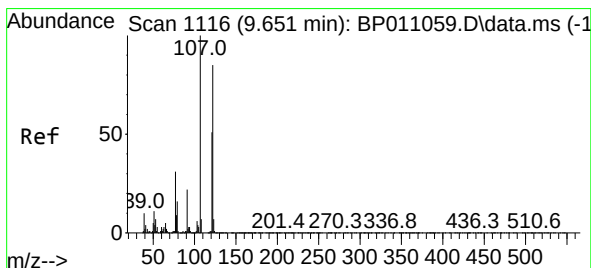
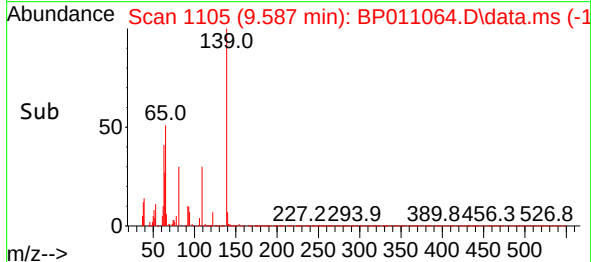
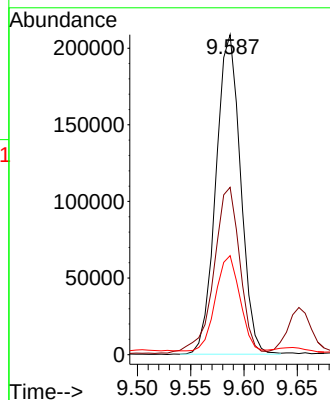
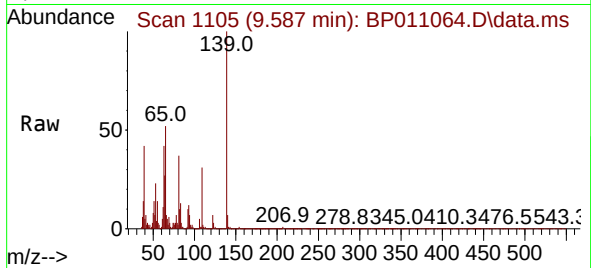




#25
2-Nitrophenol
Concen: 27.417 ng/ul
RT: 9.587 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

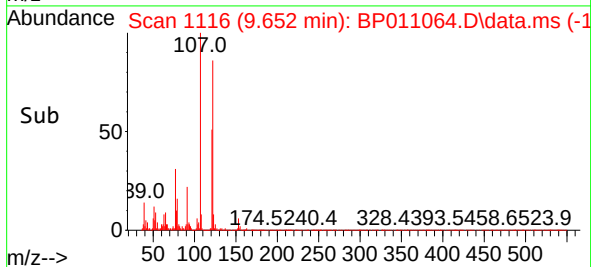
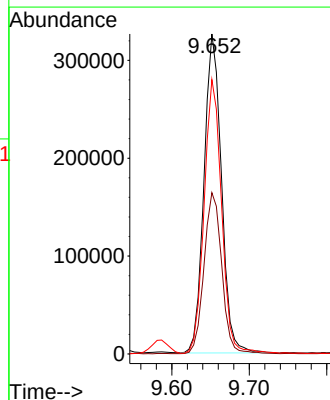
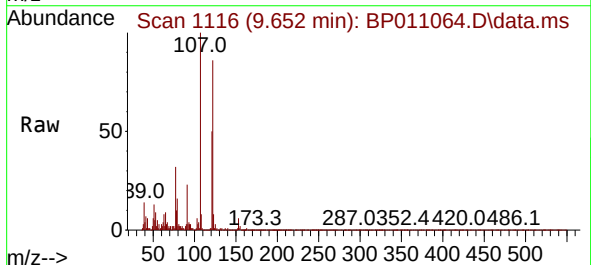
Instrument :
BNA_P
ClientSampleId :

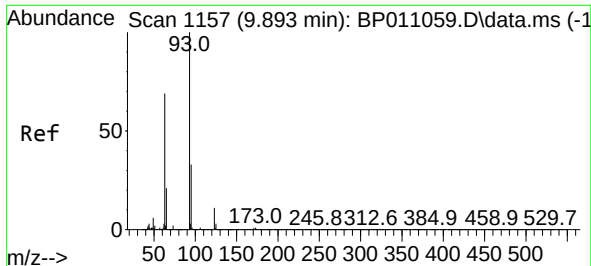
Tgt Ion:139 Resp: 335397
Ion Ratio Lower Upper
139 100
65 52.3 54.2 81.4#
109 30.9 30.6 45.8



#26
2,4-Dimethylphenol
Concen: 19.678 ng/ul
RT: 9.652 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:107 Resp: 509057
Ion Ratio Lower Upper
107 100
121 50.4 39.1 58.7
122 85.8 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 26.694 ng/ul

RT: 9.893 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

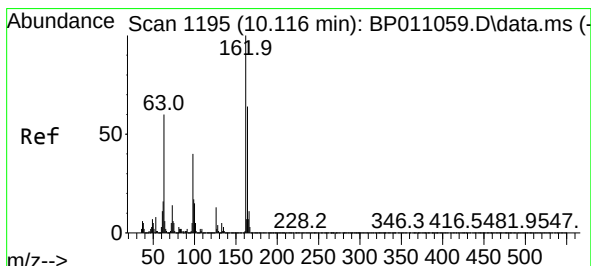
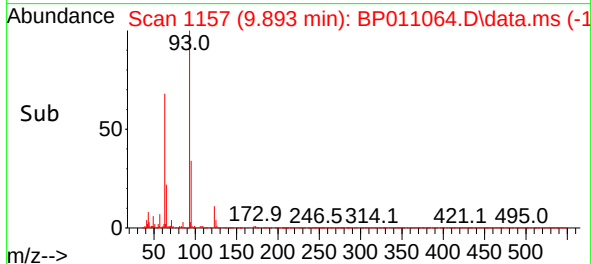
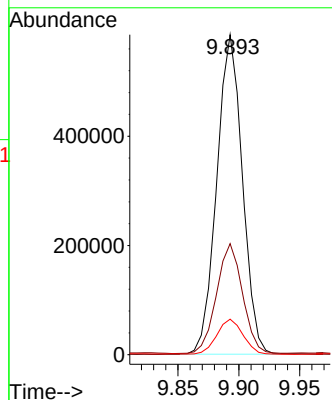
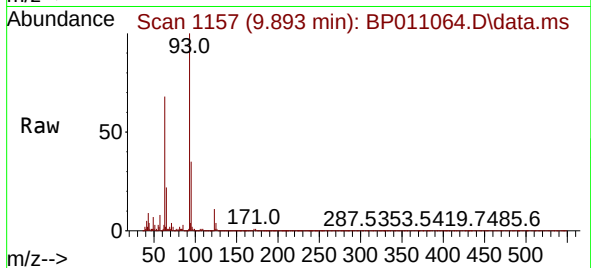
Tgt Ion: 93 Resp: 856344

Ion Ratio Lower Upper

93 100

95 34.7 26.6 39.8

123 11.1 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 26.461 ng/ul

RT: 10.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

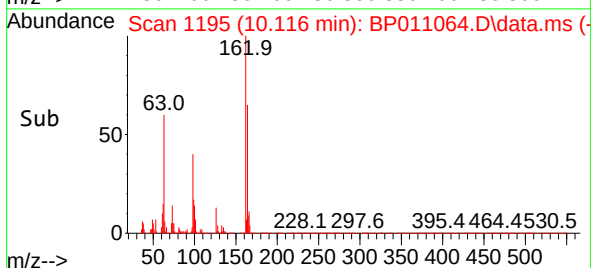
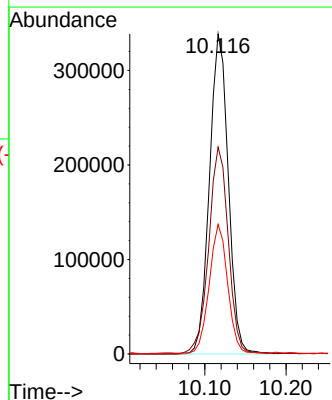
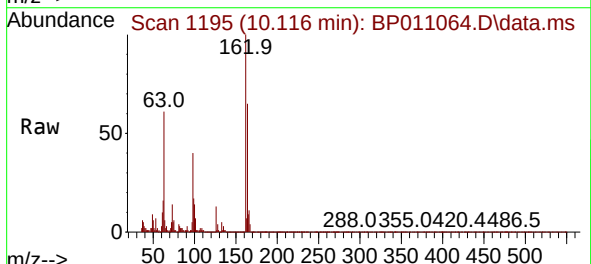
Tgt Ion: 162 Resp: 545858

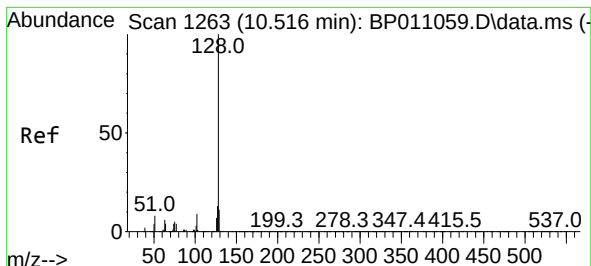
Ion Ratio Lower Upper

162 100

164 64.7 52.5 78.7

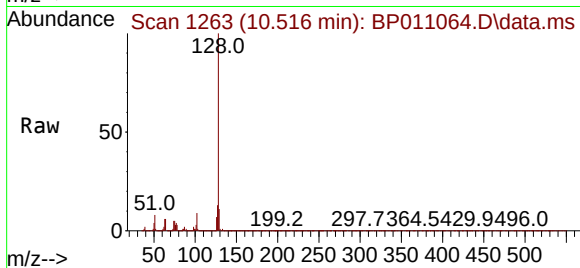
98 40.5 31.4 47.0



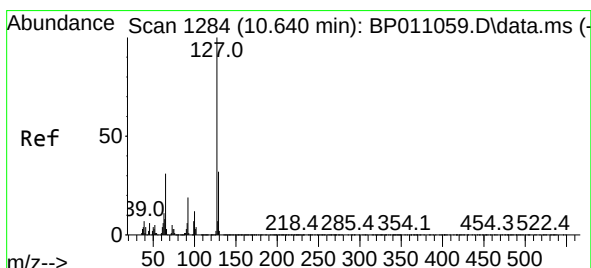
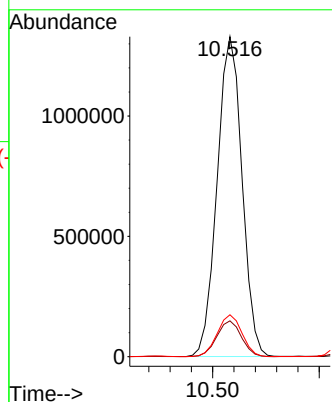
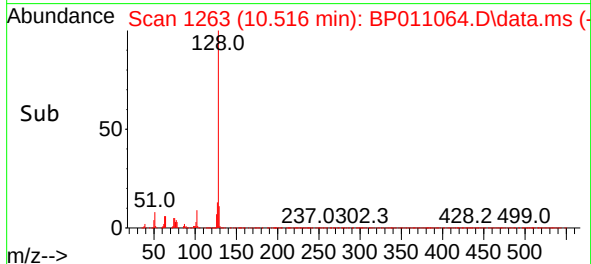


#30
Naphthalene
Concen: 27.995 ng/ul
RT: 10.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Instrument :
BNA_P
ClientSampleId :

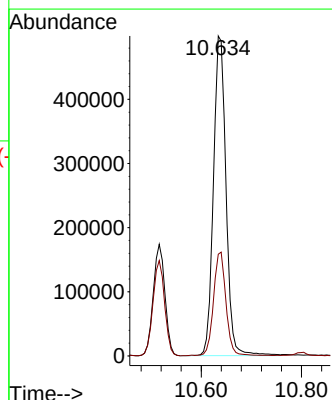
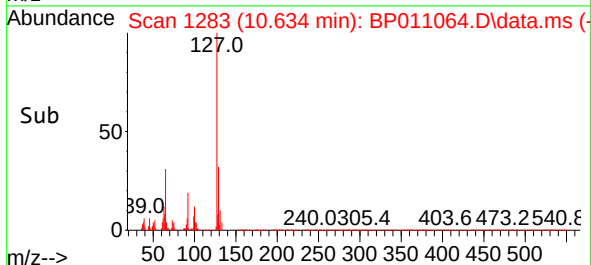
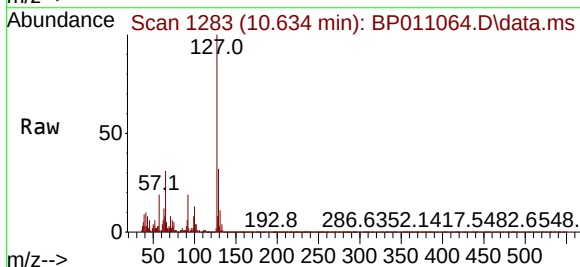


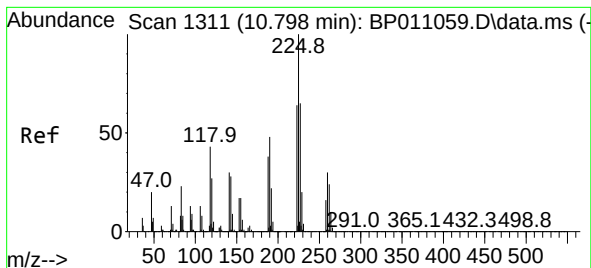
Tgt Ion:128 Resp: 2156107
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 26.736 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:127 Resp: 868930
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.2





#33

Hexachlorobutadiene

Concen: 27.530 ng/ul

RT: 10.799 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

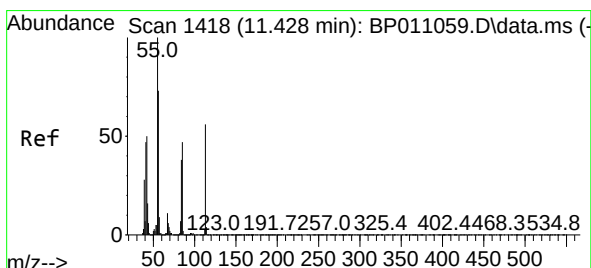
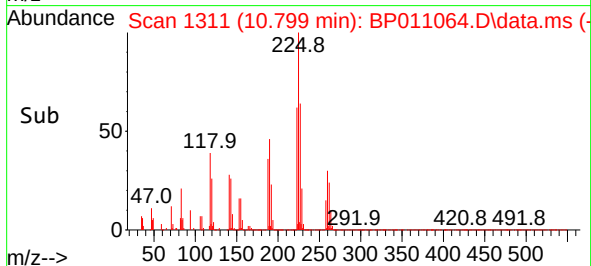
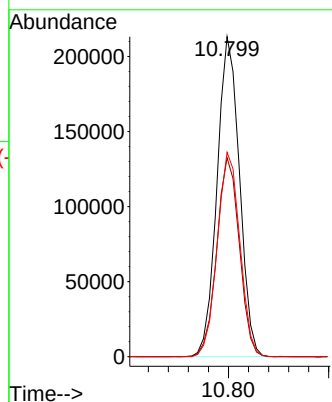
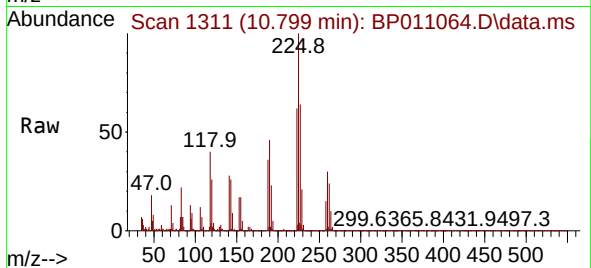
Tgt Ion:225 Resp: 330583

Ion Ratio Lower Upper

225 100

223 62.2 53.7 80.5

227 63.9 49.4 74.2



#34

Caprolactam

Concen: 25.714 ng/ul

RT: 11.428 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

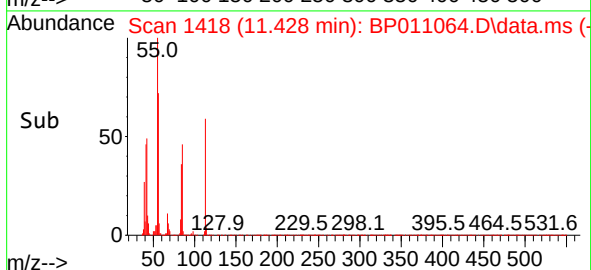
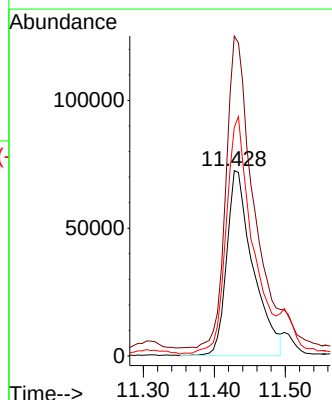
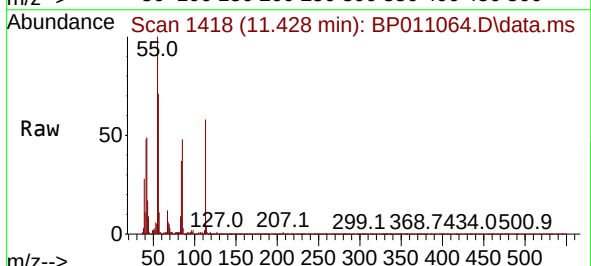
Tgt Ion:113 Resp: 185902

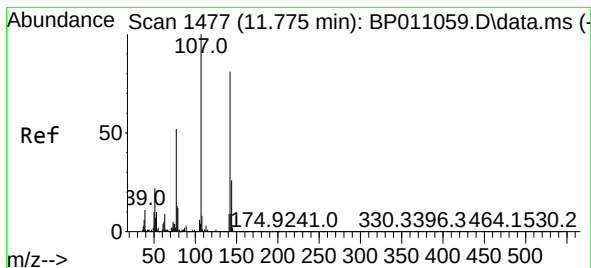
Ion Ratio Lower Upper

113 100

55 172.7 153.8 230.8

56 123.4 110.2 165.4

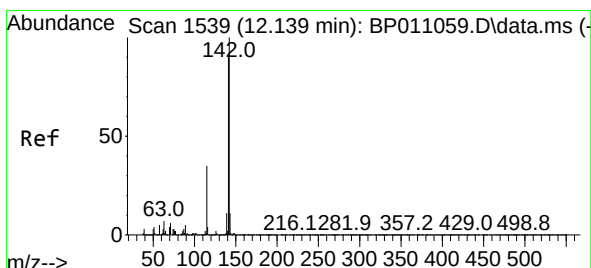
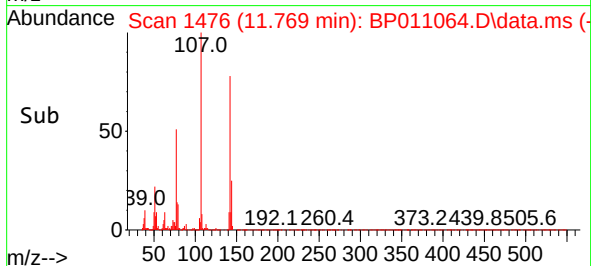
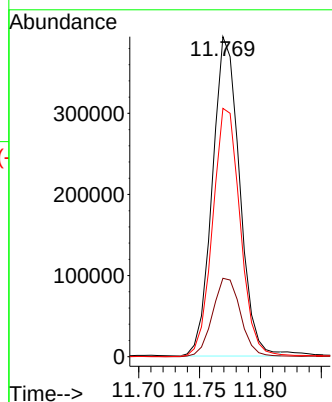
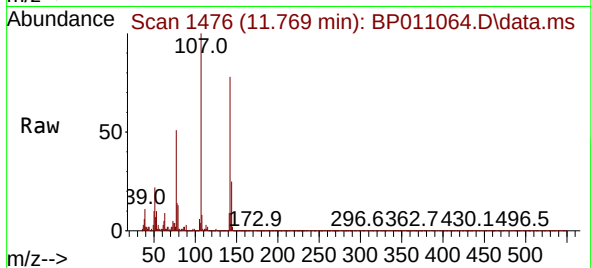




#35
4-Chloro-3-methylphenol
Concen: 26.207 ng/ul
RT: 11.769 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

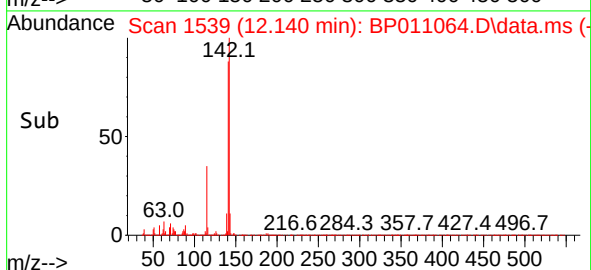
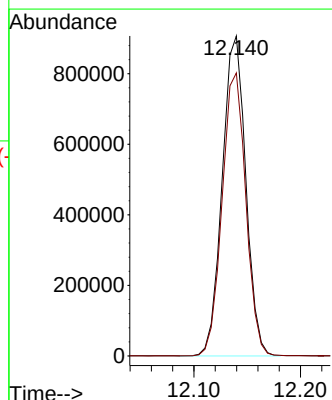
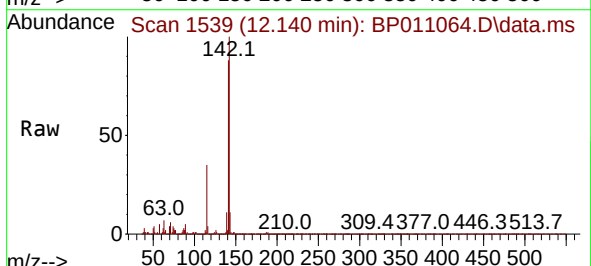
Instrument :
BNA_P
ClientSampleId :

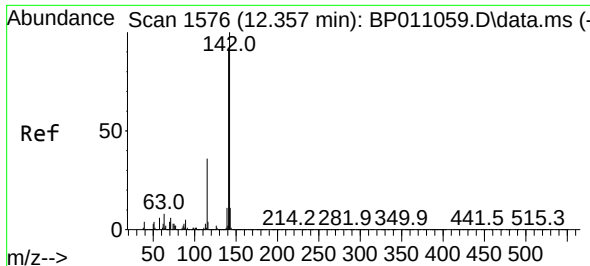
Tgt Ion:107 Resp: 610976
Ion Ratio Lower Upper
107 100
144 24.5 18.6 27.8
142 77.6 59.6 89.4



#36
2-Methylnaphthalene
Concen: 27.838 ng/ul
RT: 12.140 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:142 Resp: 1389940
Ion Ratio Lower Upper
142 100
141 88.4 70.1 105.1

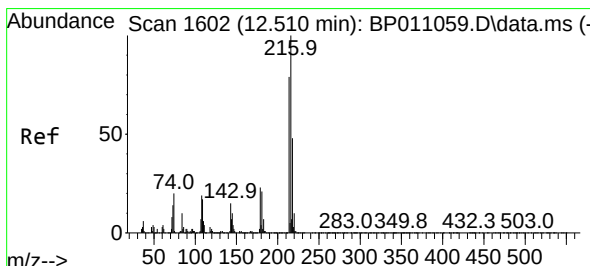
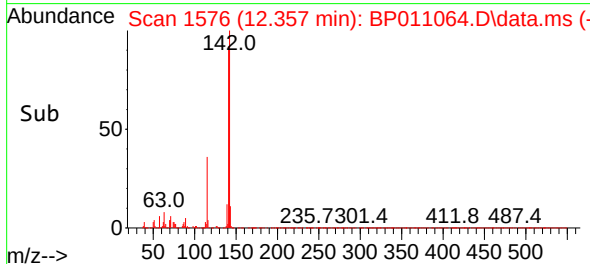
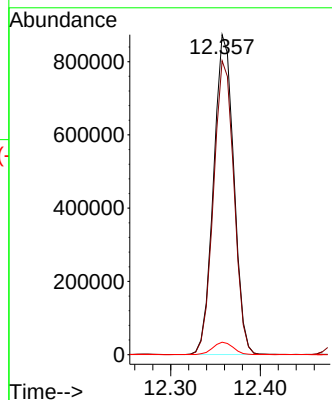
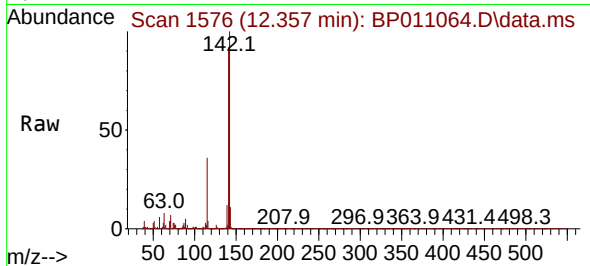




#37
1-Methylnaphthalene
Concen: 27.327 ng/ul
RT: 12.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

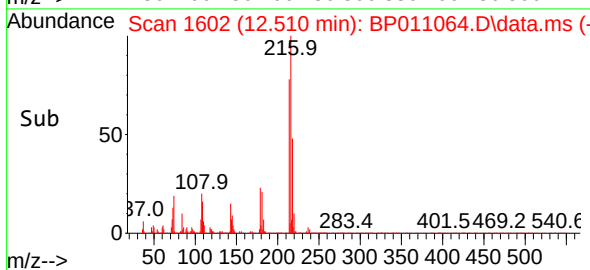
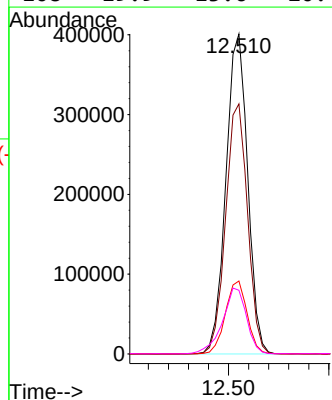
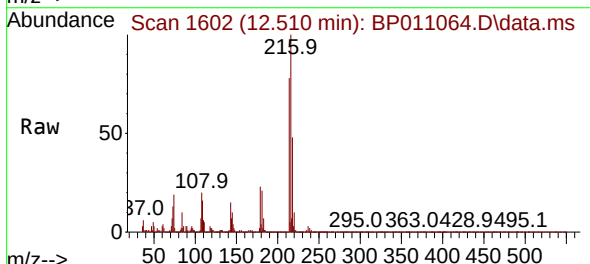
Instrument :
BNA_P
ClientSampleId :

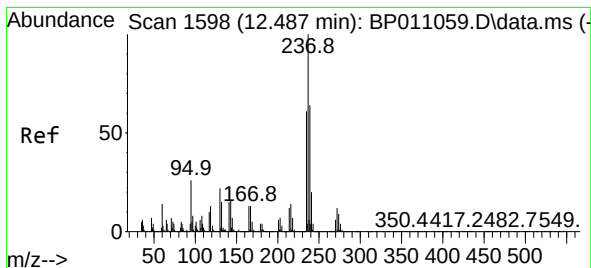
Tgt Ion:142 Resp: 1367638
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 3.9 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.457 ng/ul
RT: 12.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:216 Resp: 604179
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.6
179 22.8 18.1 27.1
108 19.9 13.6 20.4





#40

Hexachlorocyclopentadiene

Concen: 23.475 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

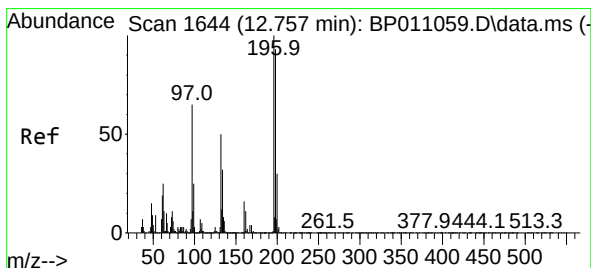
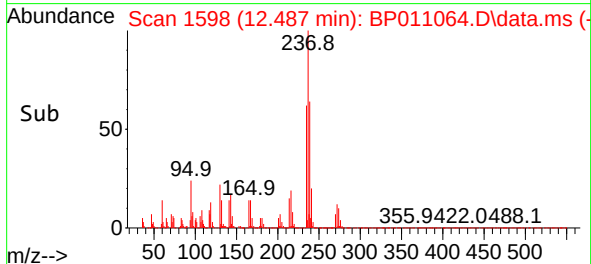
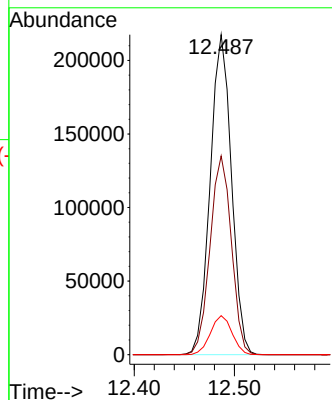
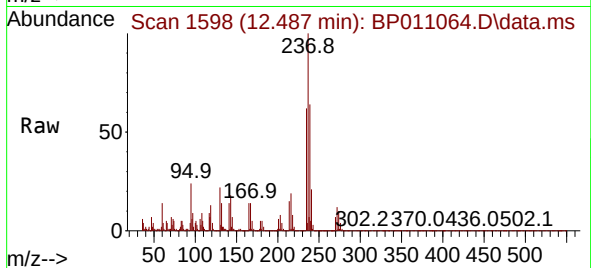
Tgt Ion:237 Resp: 319942

Ion Ratio Lower Upper

237 100

235 62.1 52.8 79.2

272 12.2 11.5 17.3



#41

2,4,6-Trichlorophenol

Concen: 27.033 ng/ul

RT: 12.757 min Scan# 1644

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

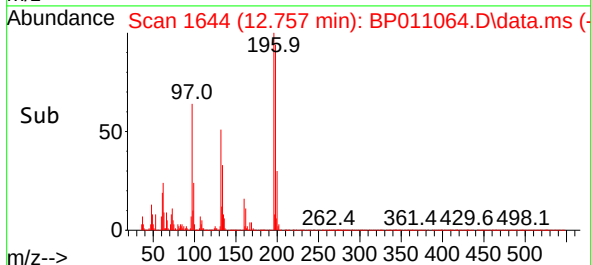
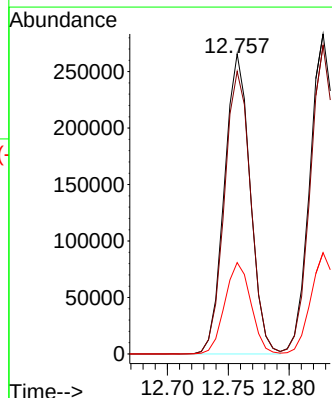
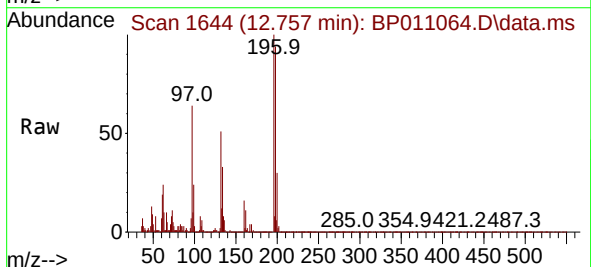
Tgt Ion:196 Resp: 391734

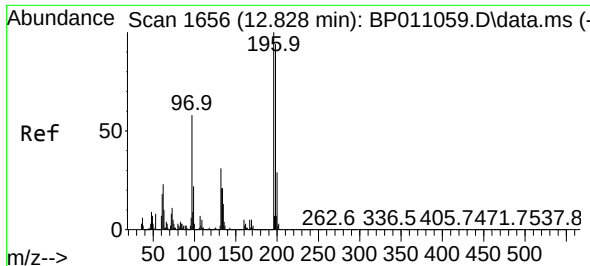
Ion Ratio Lower Upper

196 100

198 94.1 78.2 117.4

200 30.4 25.0 37.6

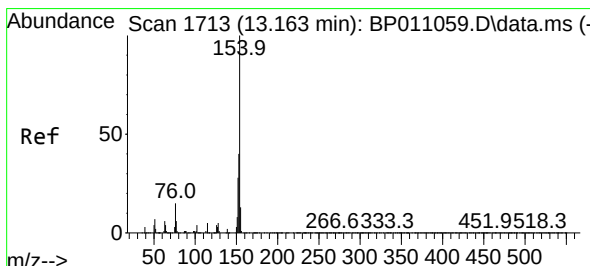
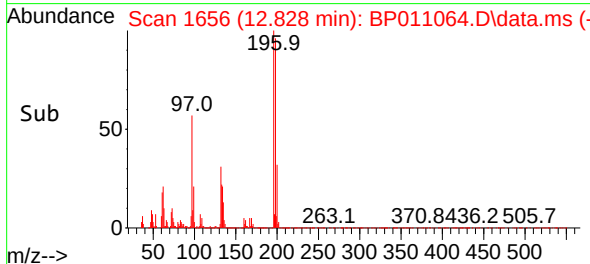
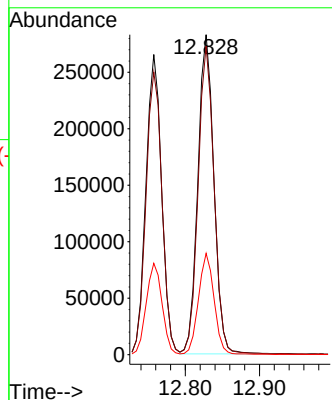
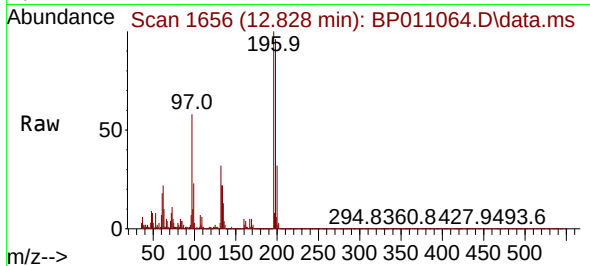




#42
2,4,5-Trichlorophenol
Concen: 27.420 ng/ul
RT: 12.828 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

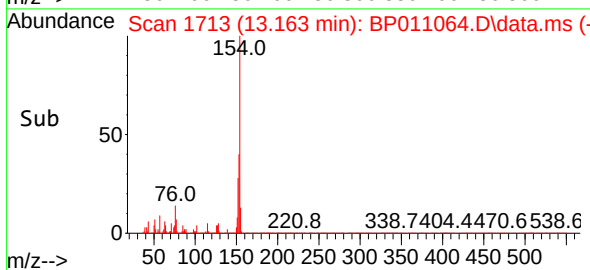
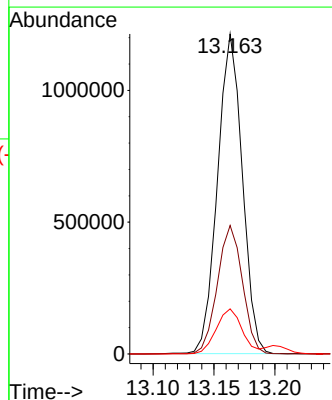
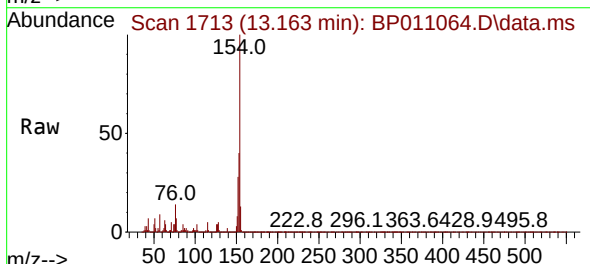
Instrument :
BNA_P
ClientSampleId :

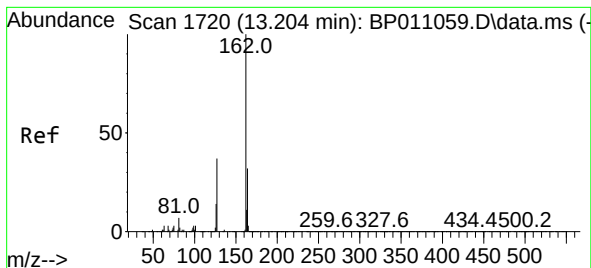
Tgt Ion:196 Resp: 424644
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 31.7 24.8 37.2



#43
1,1'-Biphenyl
Concen: 27.570 ng/ul
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:154 Resp: 1716306
Ion Ratio Lower Upper
154 100
153 40.2 31.9 47.9
76 14.1 9.2 13.8#





#44

2-Chloronaphthalene

Concen: 28.079 ng/ul

RT: 13.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

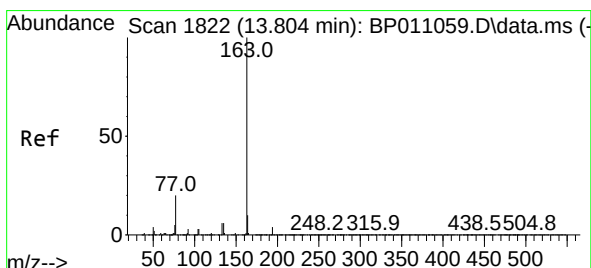
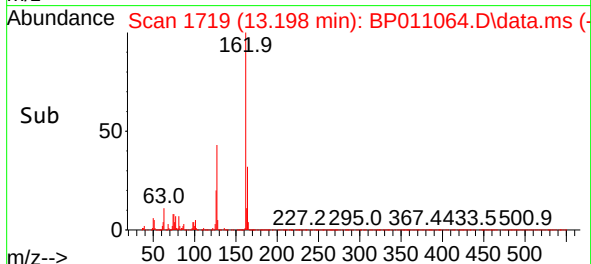
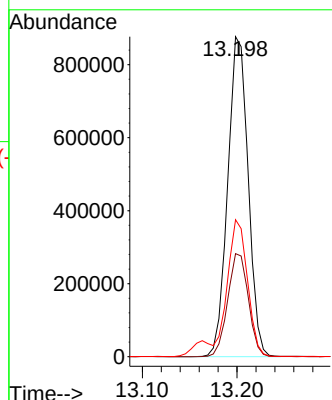
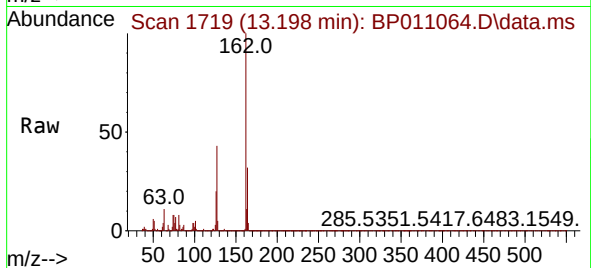
Tgt Ion:162 Resp: 1312907

Ion Ratio Lower Upper

162 100

164 32.2 25.5 38.3

127 42.8 31.9 47.9



#47

Dimethylphthalate

Concen: 27.244 ng/ul

RT: 13.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

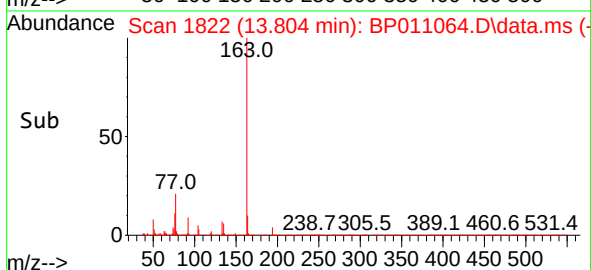
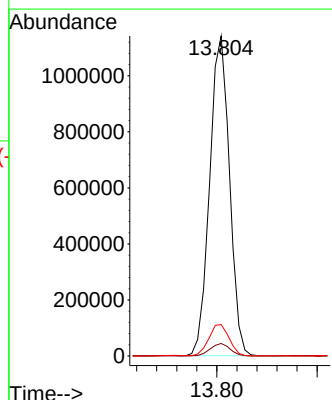
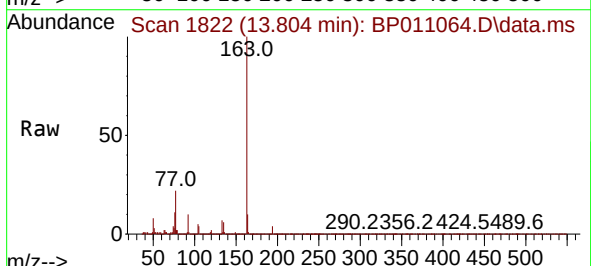
Tgt Ion:163 Resp: 1567563

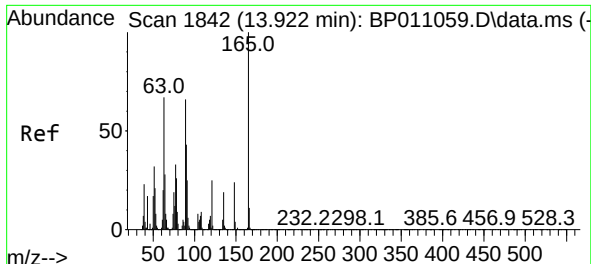
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 9.8 7.6 11.4

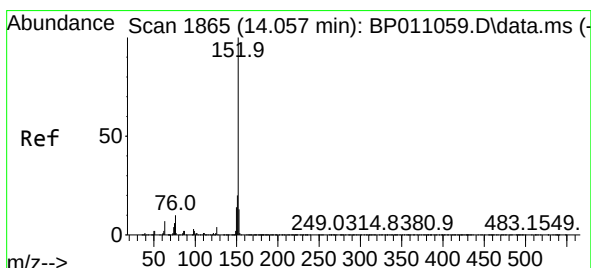
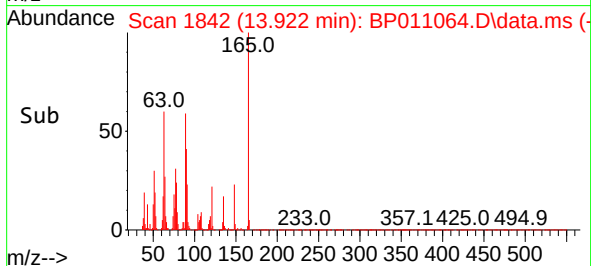
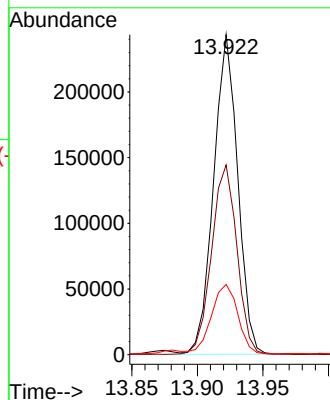
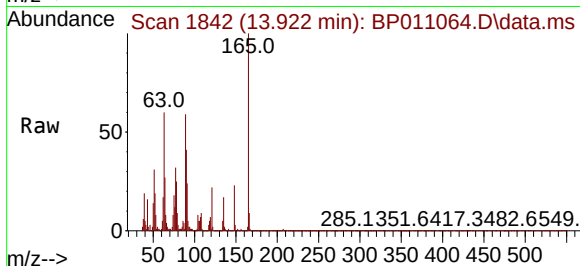




#48
2,6-Dinitrotoluene
Concen: 29.793 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

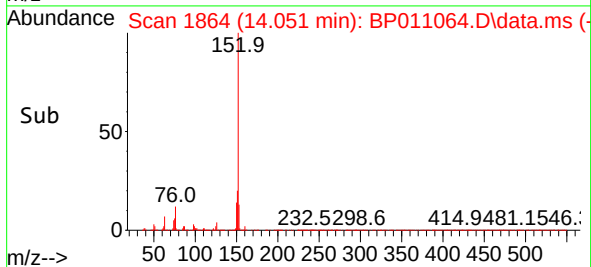
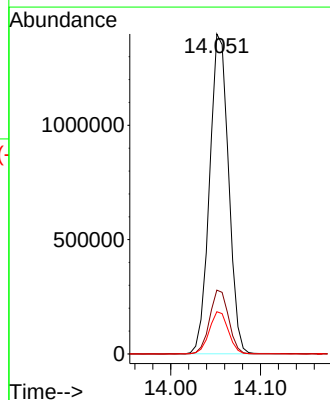
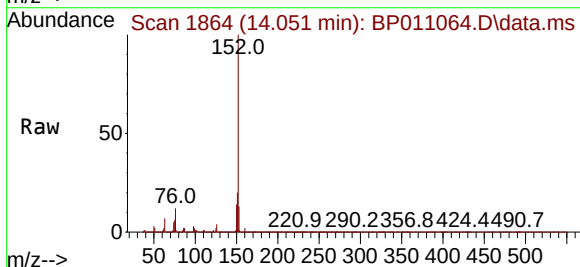
Instrument :
BNA_P
ClientSampleId :

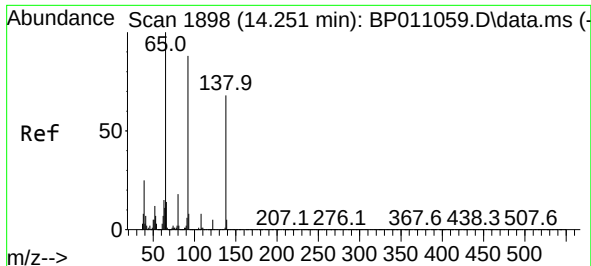
Tgt Ion:165 Resp: 310351
Ion Ratio Lower Upper
165 100
89 59.3 52.9 79.3
121 21.9 19.4 29.2



#50
Acenaphthylene
Concen: 27.224 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:152 Resp: 2055231
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.2 10.1 15.1

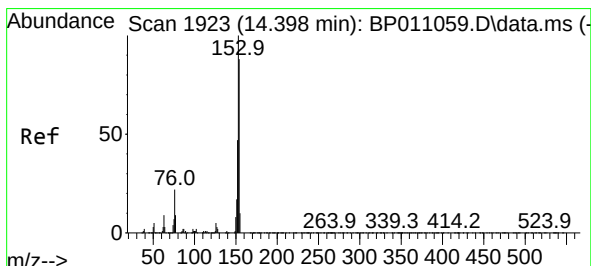
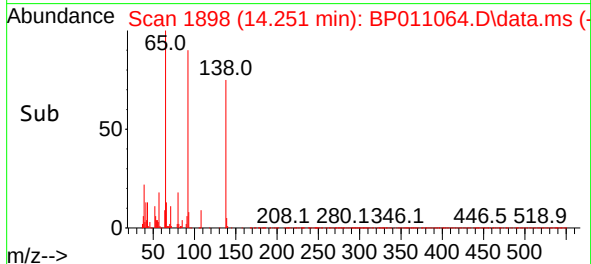
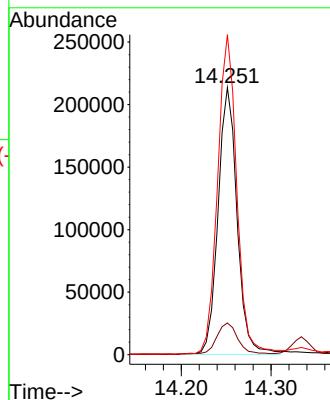
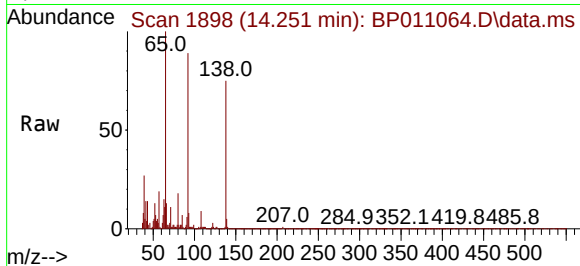




#51
3-Nitroaniline
Concen: 25.073 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

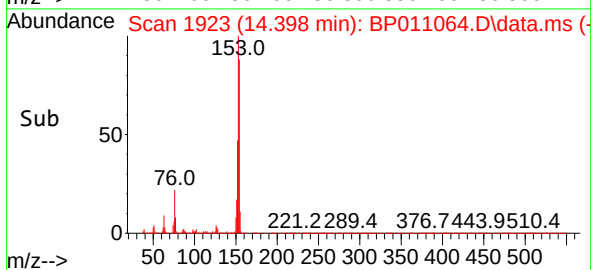
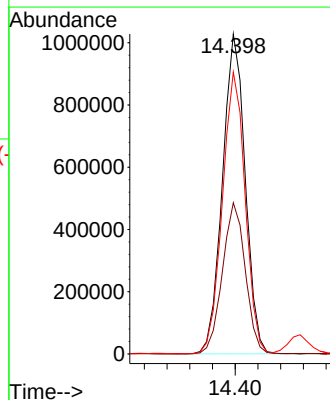
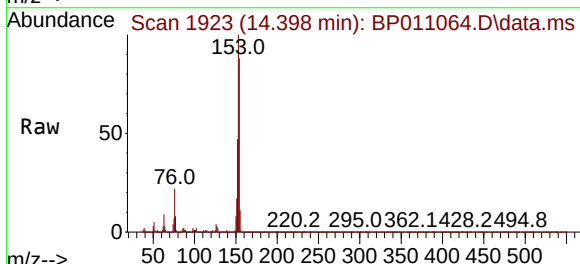
Instrument :
BNA_P
ClientSampleId :

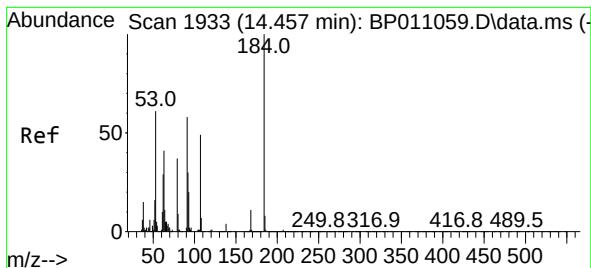
Tgt Ion:138 Resp: 313794
Ion Ratio Lower Upper
138 100
108 11.8 11.0 16.4
92 119.7 104.6 156.8



#52
Acenaphthene
Concen: 28.619 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:153 Resp: 1431278
Ion Ratio Lower Upper
153 100
152 47.2 36.2 54.2
154 88.1 70.8 106.2

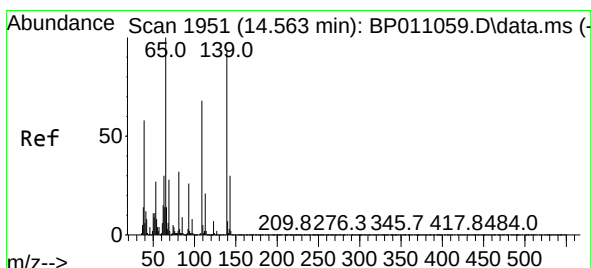
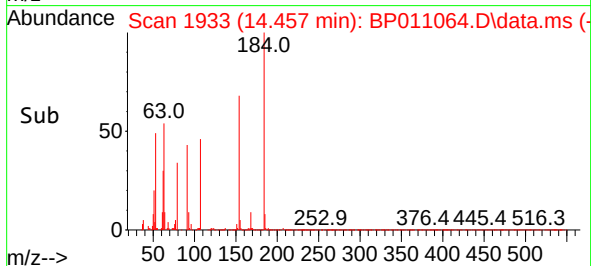
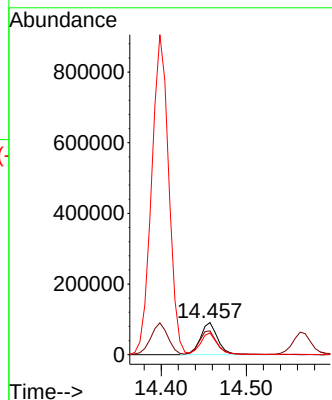
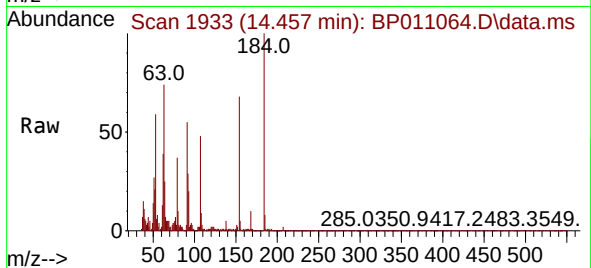




#53
2,4-Dinitrophenol
Concen: 20.676 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

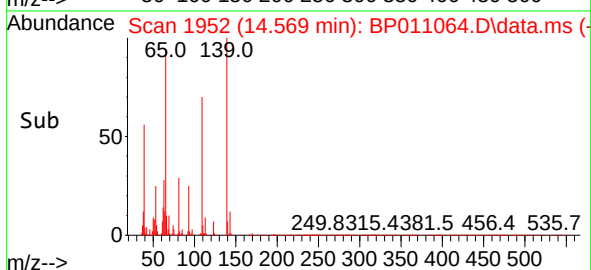
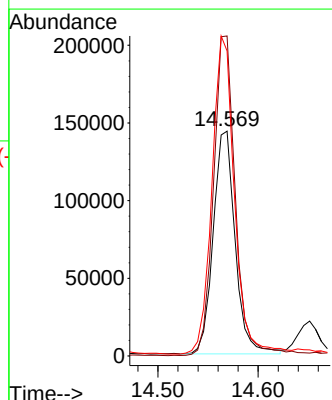
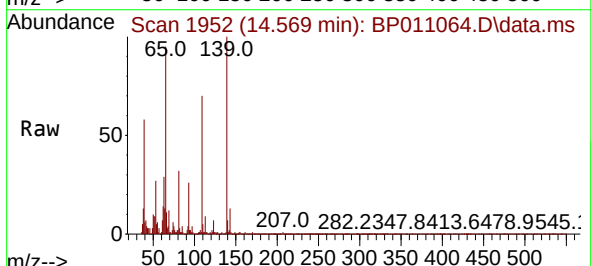
Instrument :
BNA_P
ClientSampleId :

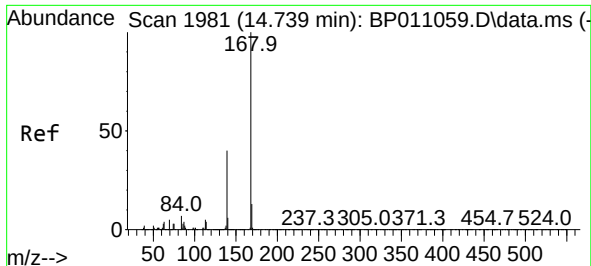
Tgt Ion:184 Resp: 126006
Ion Ratio Lower Upper
184 100
63 74.0 73.8 110.6
154 67.7 57.2 85.8



#55
4-Nitrophenol
Concen: 24.704 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:109 Resp: 218279
Ion Ratio Lower Upper
109 100
139 142.4 75.6 113.4#
65 135.6 107.6 161.4

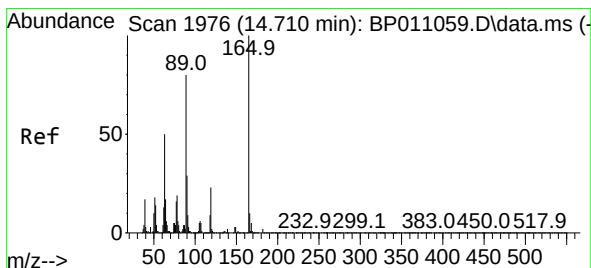
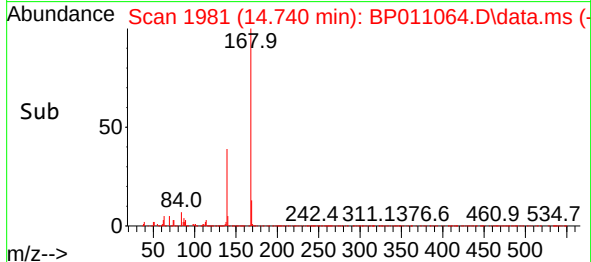
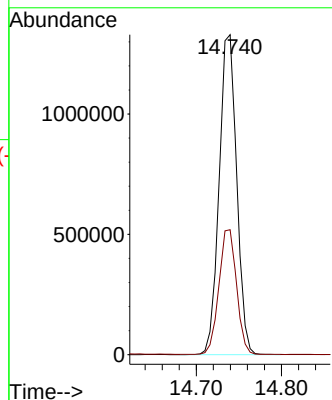
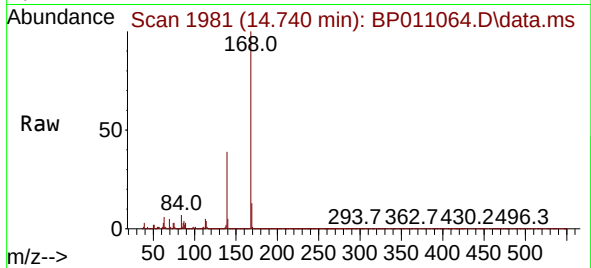




#56
Dibenzenofuran
Concen: 27.516 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

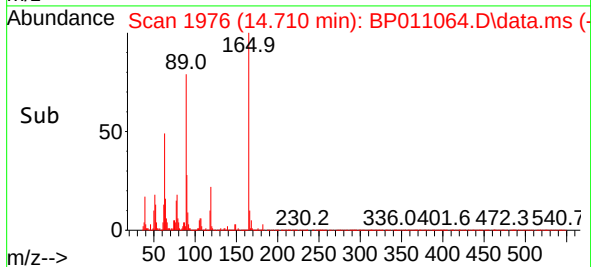
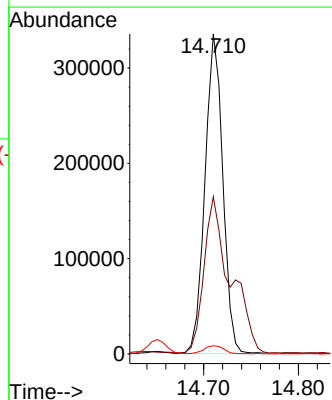
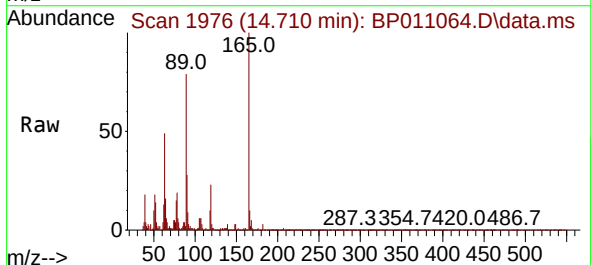
Instrument :
BNA_P
ClientSampleId :

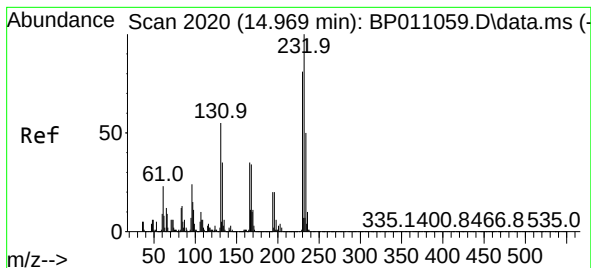
Tgt Ion:168 Resp: 1898839
Ion Ratio Lower Upper
168 100
139 39.0 32.8 49.2



#57
2,4-Dinitrotoluene
Concen: 29.467 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:165 Resp: 437843
Ion Ratio Lower Upper
165 100
63 49.1 47.0 70.6
182 2.6 2.2 3.2

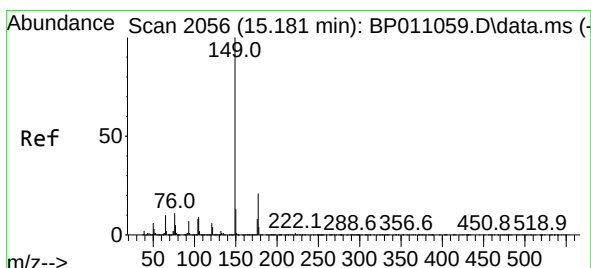
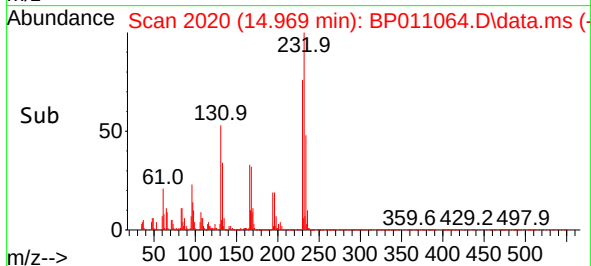
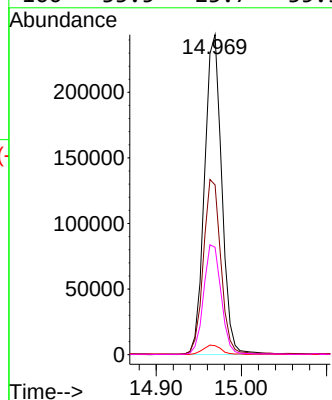
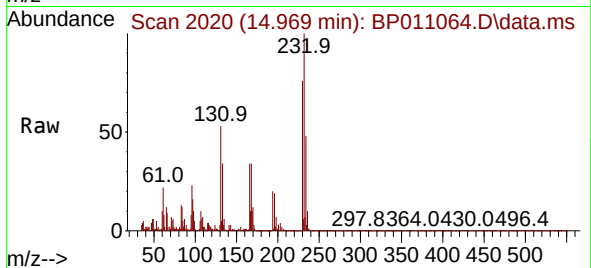




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.231 ng/ul
RT: 14.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

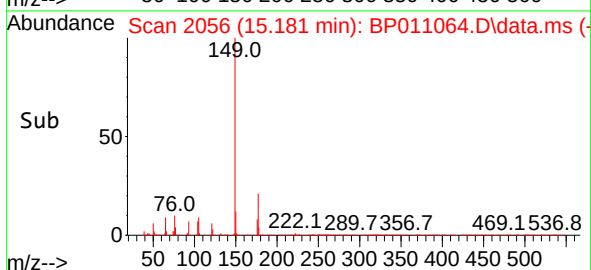
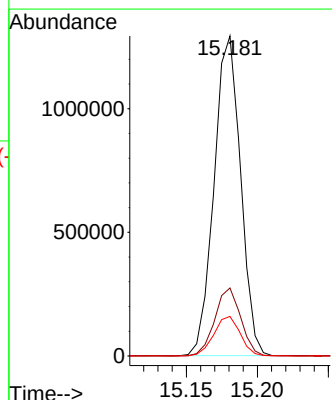
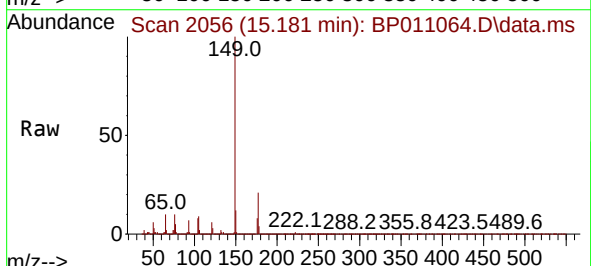
Instrument :
BNA_P
ClientSampleId :

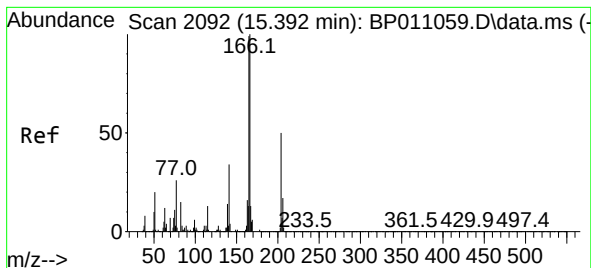
Tgt Ion:	232	Resp:	342385
Ion	Ratio	Lower	Upper
232	100		
131	53.1	35.8	53.8
130	2.8	1.8	2.8#
166	33.5	23.7	35.5



#59
Diethylphthalate
Concen: 28.362 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:	149	Resp:	1675891
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.6	26.4
150	12.3	10.3	15.5





#61

Fluorene

Concen: 28.713 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

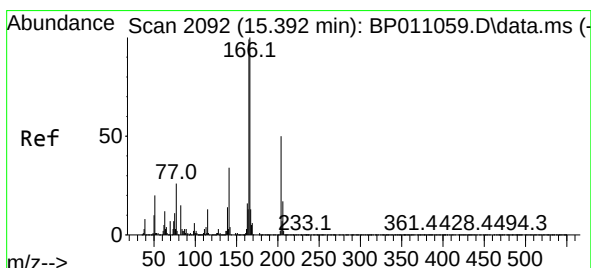
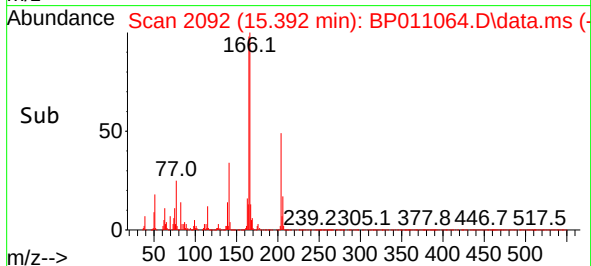
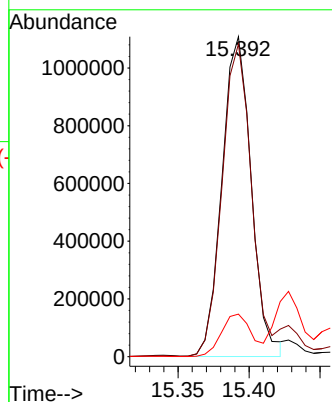
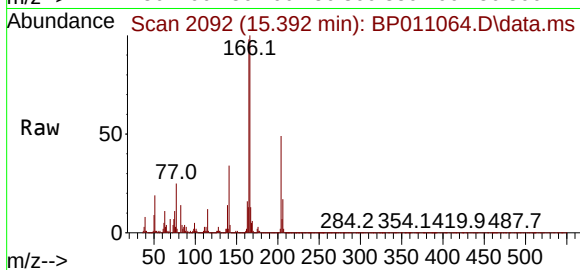
Tgt Ion:166 Resp: 1590148

Ion Ratio Lower Upper

166 100

165 97.7 77.4 116.2

167 13.3 10.8 16.2



#62

4-Chlorophenyl-phenylether

Concen: 27.472 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

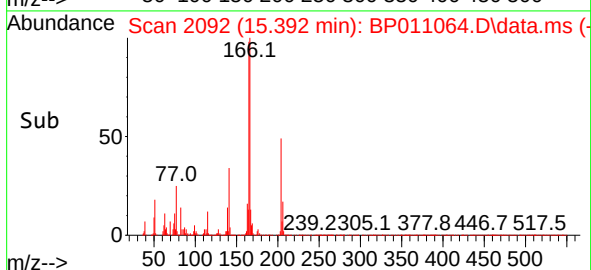
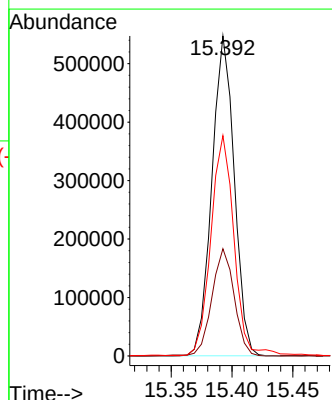
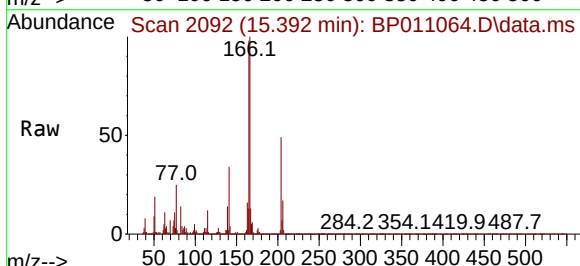
Tgt Ion:204 Resp: 700415

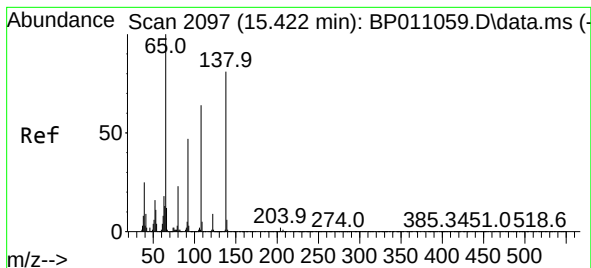
Ion Ratio Lower Upper

204 100

206 33.5 26.0 39.0

141 68.8 49.3 73.9

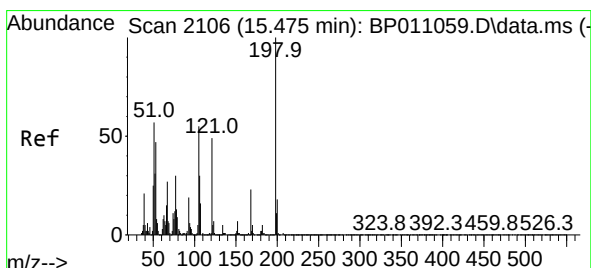
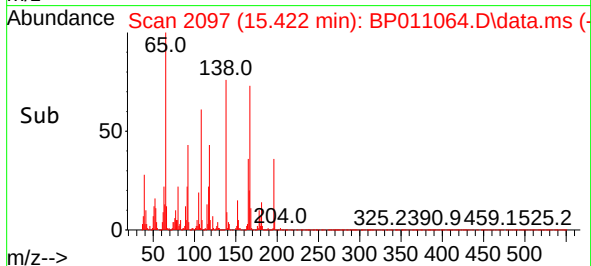
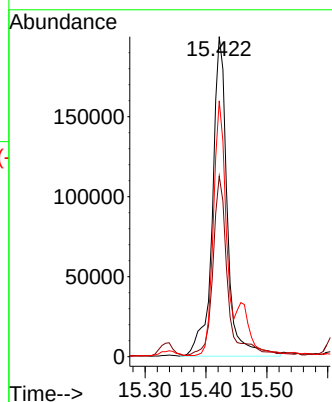
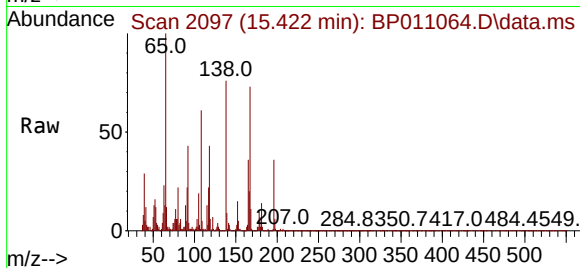




#63
4-Nitroaniline
Concen: 29.562 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

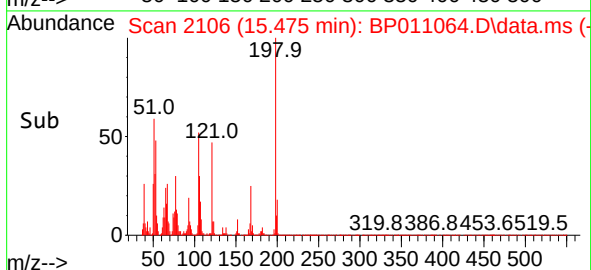
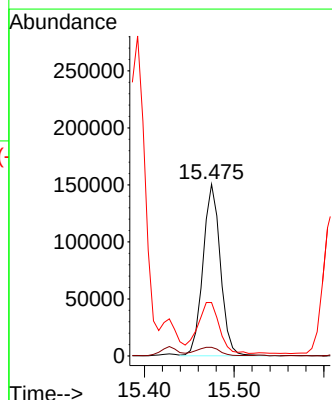
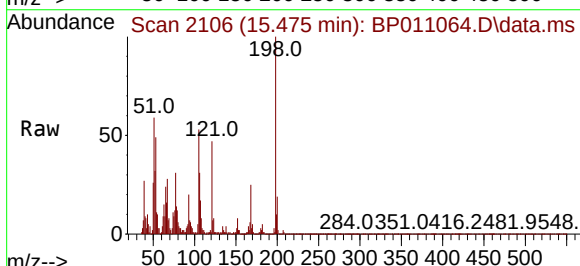
Instrument :
BNA_P
ClientSampleId :

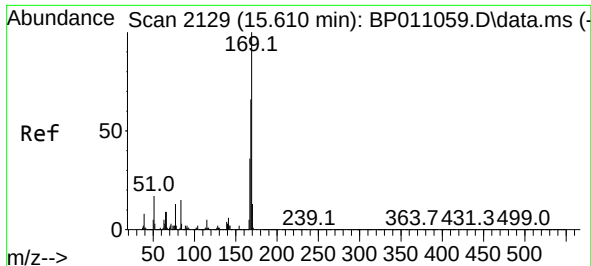
Tgt Ion:138 Resp: 340023
Ion Ratio Lower Upper
138 100
92 56.4 46.2 69.2
108 79.9 85.8 128.8#



#66
4,6-Dinitro-2-methylphenol
Concen: 24.512 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:198 Resp: 203251
Ion Ratio Lower Upper
198 100
182 5.1 4.3 6.5
77 31.1 23.7 35.5

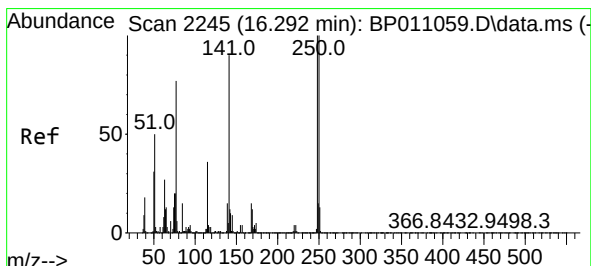
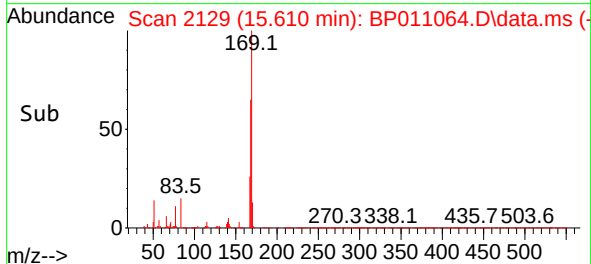
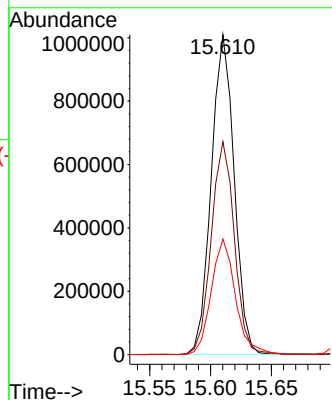
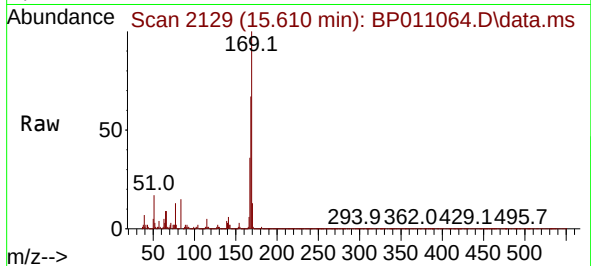




#67
N-Nitrosodiphenylamine
Concen: 28.329 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

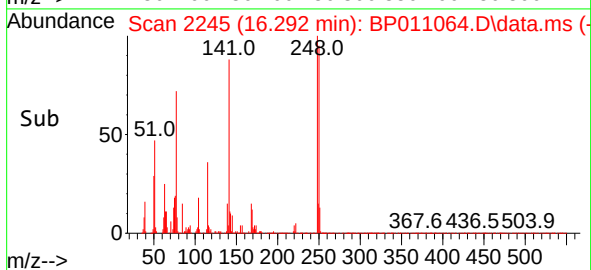
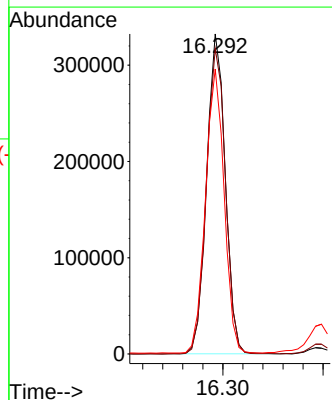
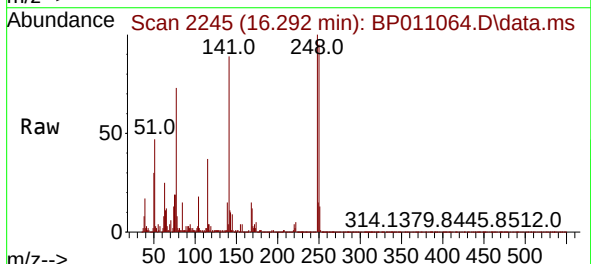
Instrument :
BNA_P
ClientSampleId :

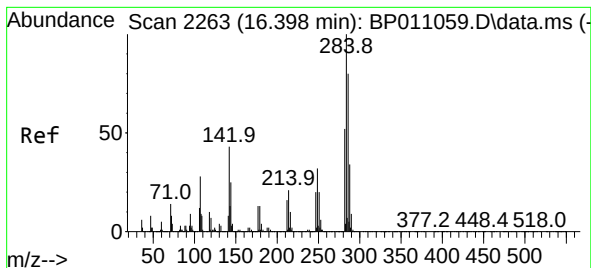
Tgt Ion:169 Resp: 1321804
Ion Ratio Lower Upper
169 100
168 66.6 52.6 78.8
167 36.1 27.8 41.6



#68
4-Bromophenyl-phenylether
Concen: 29.226 ng/ul
RT: 16.292 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:248 Resp: 430554
Ion Ratio Lower Upper
248 100
250 95.4 80.8 121.2
141 89.0 63.9 95.9





#69

Hexachlorobenzene

Concen: 27.719 ng/ul

RT: 16.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

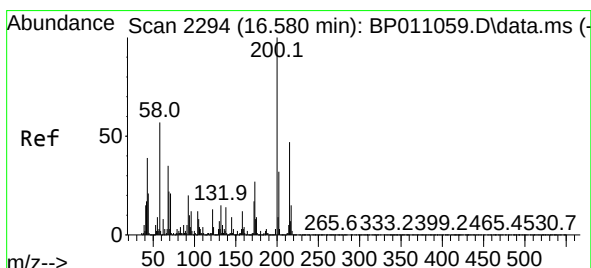
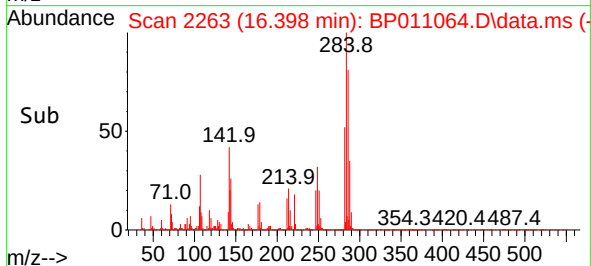
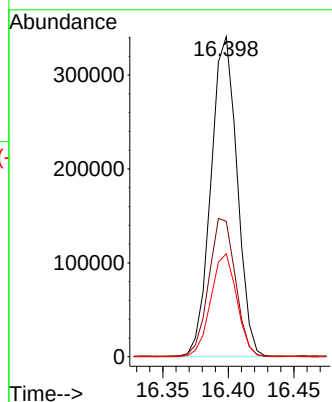
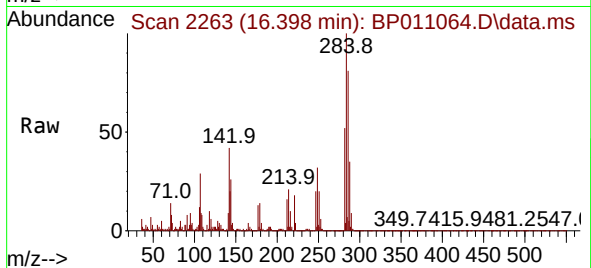
Tgt Ion:284 Resp: 473934

Ion Ratio Lower Upper

284 100

142 42.3 27.8 41.6#

249 32.2 25.4 38.2



#70

Atrazine

Concen: 28.351 ng/ul

RT: 16.581 min Scan# 2294

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

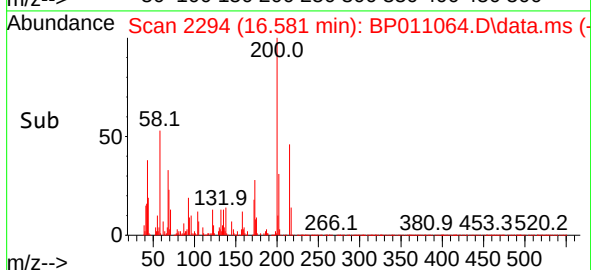
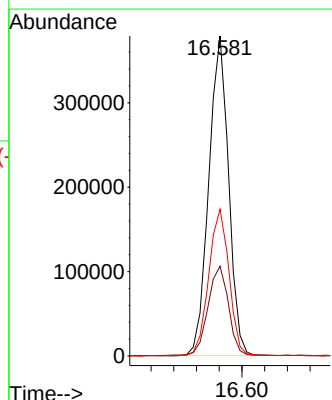
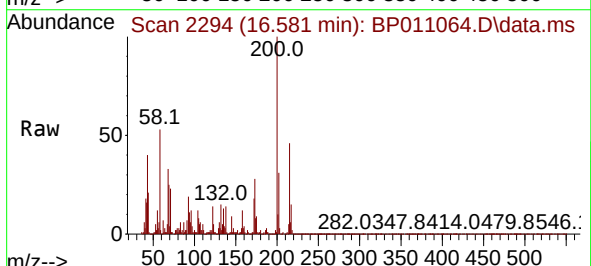
Tgt Ion:200 Resp: 457622

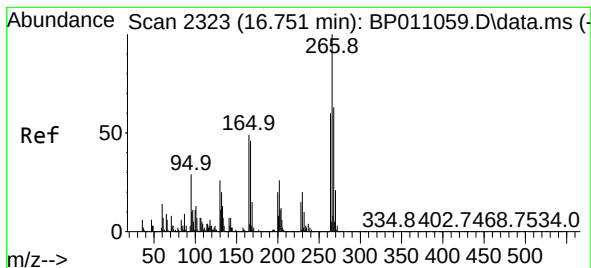
Ion Ratio Lower Upper

200 100

173 28.0 20.7 31.1

215 45.9 38.6 57.8





#71

Pentachlorophenol

Concen: 22.976 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

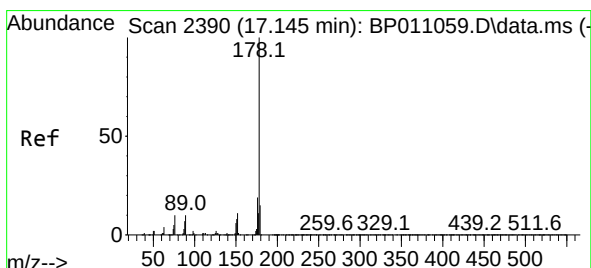
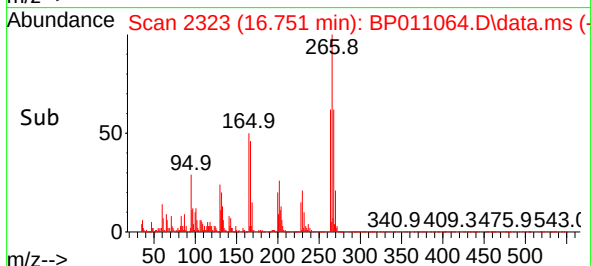
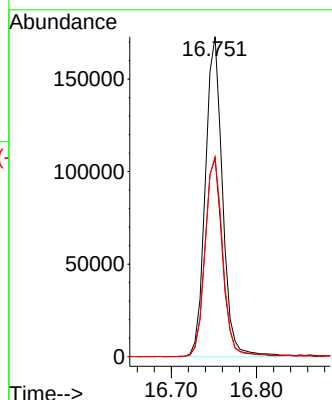
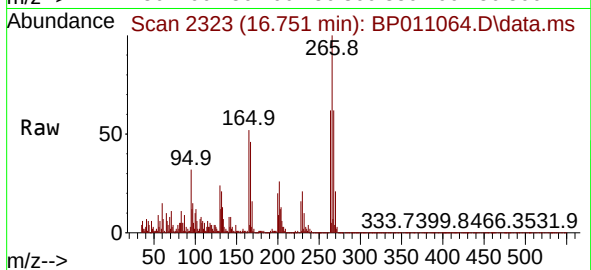
Tgt Ion:266 Resp: 241940

Ion Ratio Lower Upper

266 100

264 61.8 51.4 77.2

268 62.5 53.5 80.3



#72

Phenanthrene

Concen: 29.018 ng/ul

RT: 17.145 min Scan# 2390

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

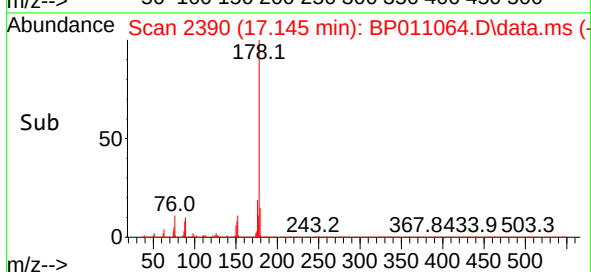
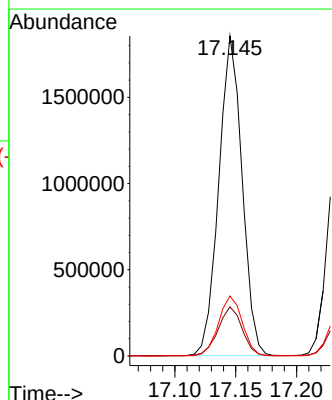
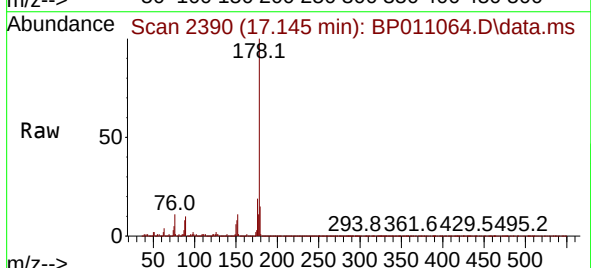
Tgt Ion:178 Resp: 2469423

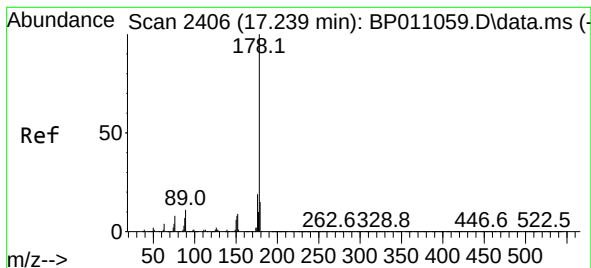
Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 18.7 14.6 22.0





#74

Anthracene

Concen: 28.409 ng/u1

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

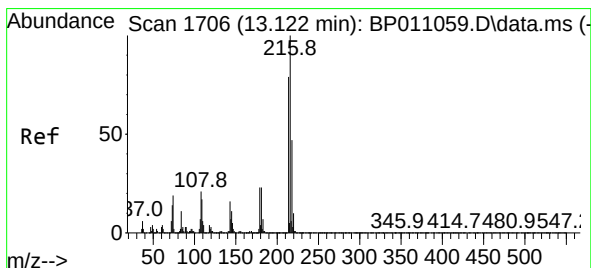
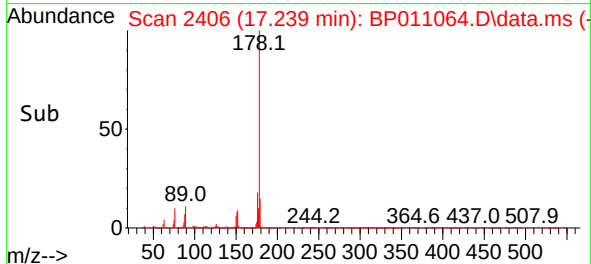
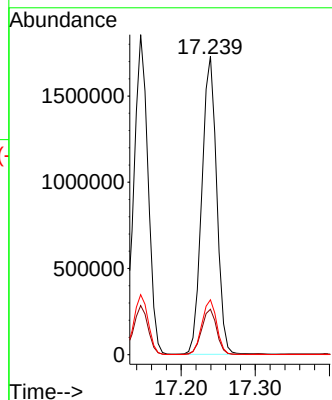
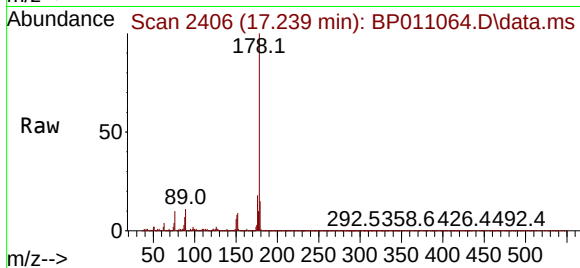
Tgt Ion:178 Resp: 2404878

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.4 14.5 21.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.657 ng/uL

RT: 13.122 min Scan# 1706

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

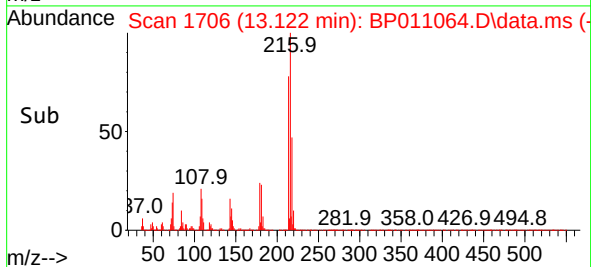
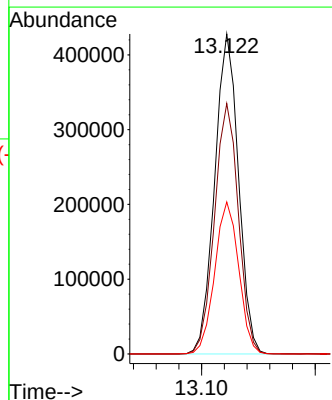
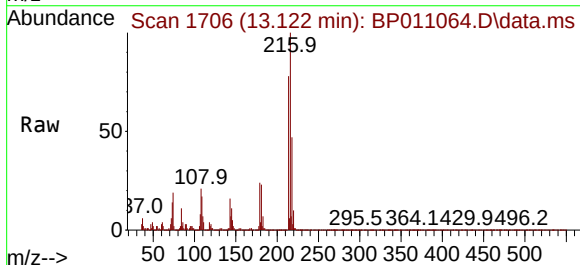
Tgt Ion:216 Resp: 623335

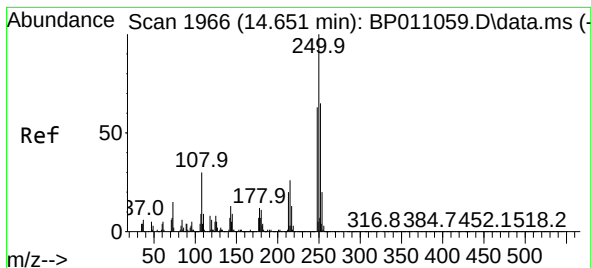
Ion Ratio Lower Upper

216 100

214 78.3 65.0 97.4

218 47.5 39.1 58.7





#76

Pentachlorobenzene

Concen: 27.927 ng/uL

RT: 14.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

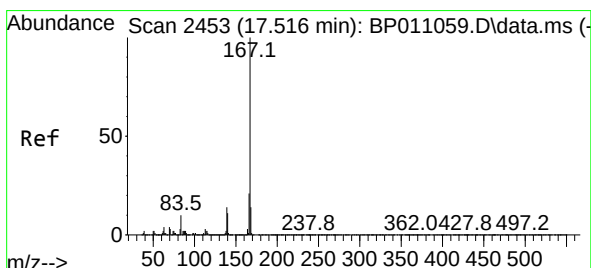
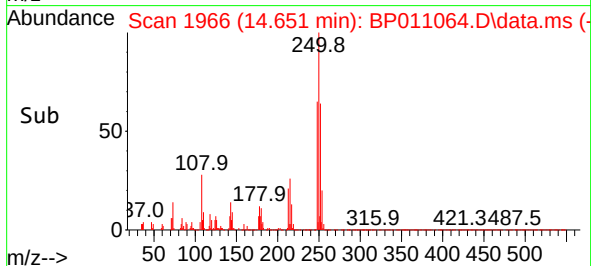
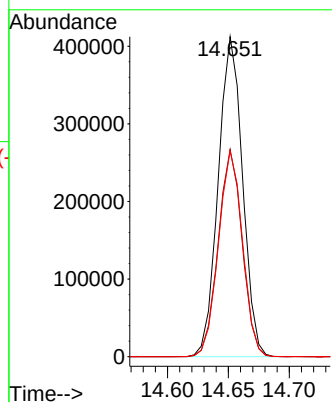
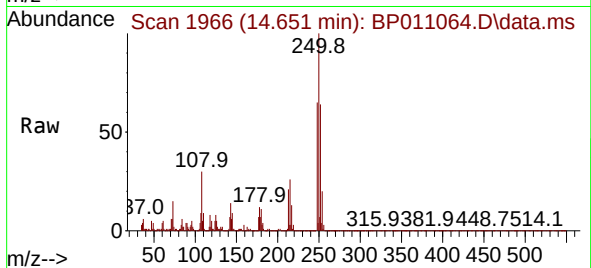
Tgt Ion:250 Resp: 572450

Ion Ratio Lower Upper

250 100

248 64.8 49.8 74.6

252 64.4 51.2 76.8



#77

Carbazole

Concen: 28.854 ng/uL

RT: 17.516 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

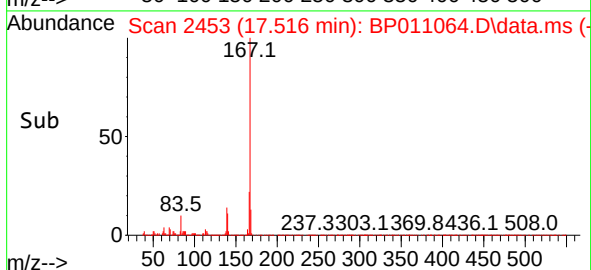
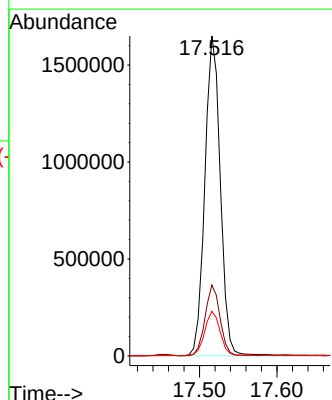
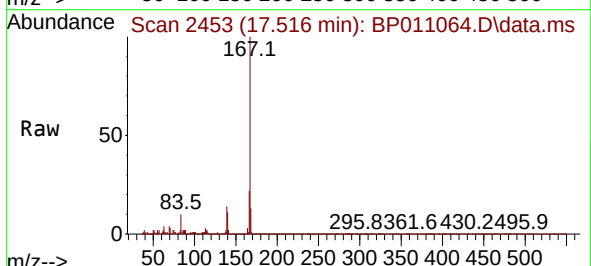
Tgt Ion:167 Resp: 2286097

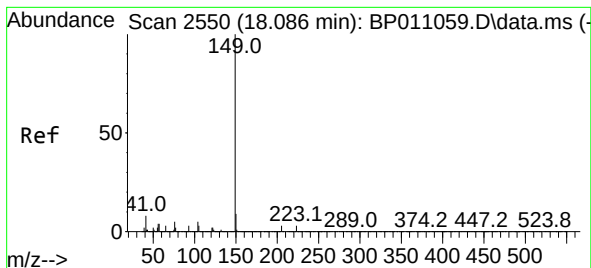
Ion Ratio Lower Upper

167 100

166 22.2 16.9 25.3

139 13.9 10.6 16.0





#78

Di-n-butylphthalate

Concen: 31.375 ng/ul

RT: 18.086 min Scan# 2550

Delta R.T. -0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

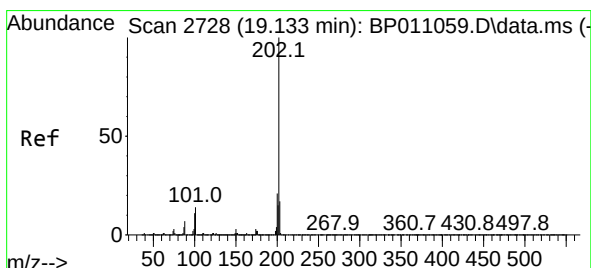
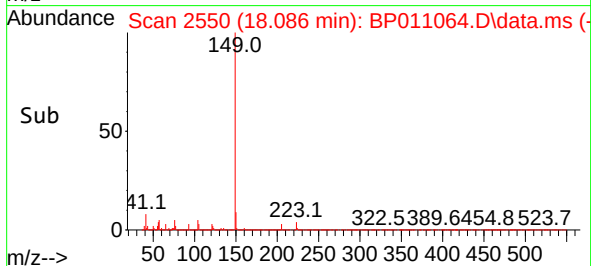
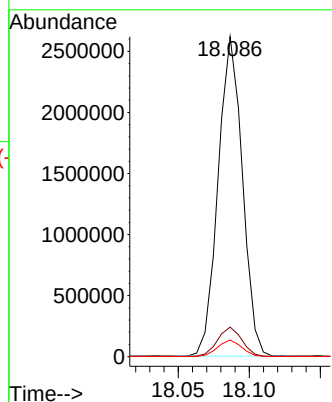
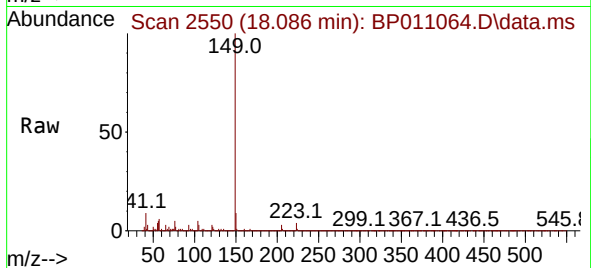
Tgt Ion:149 Resp: 3107278

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.2 4.6 6.8



#80

Fluoranthene

Concen: 30.913 ng/ul

RT: 19.133 min Scan# 2728

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

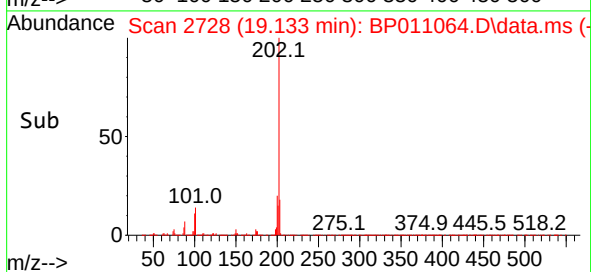
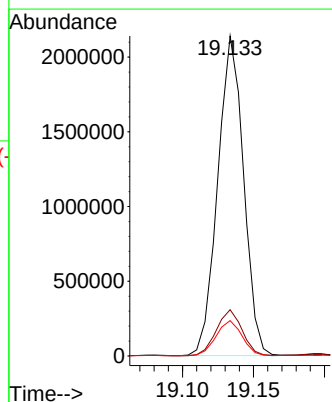
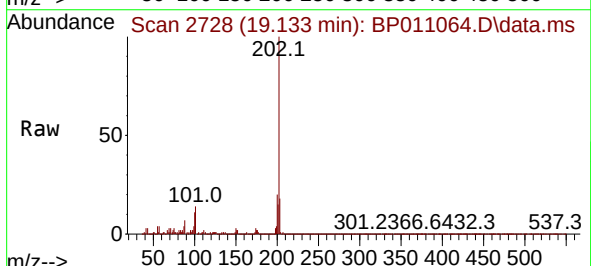
Tgt Ion:202 Resp: 2713050

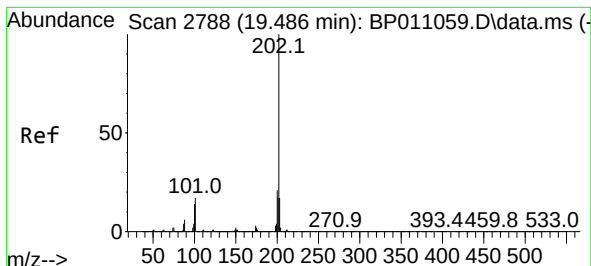
Ion Ratio Lower Upper

202 100

101 14.5 7.1 10.7#

100 11.0 5.7 8.5#





#82

Pyrene

Concen: 29.931 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

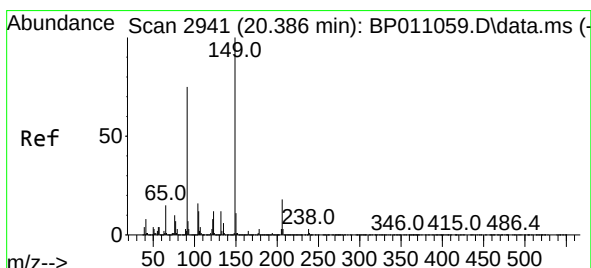
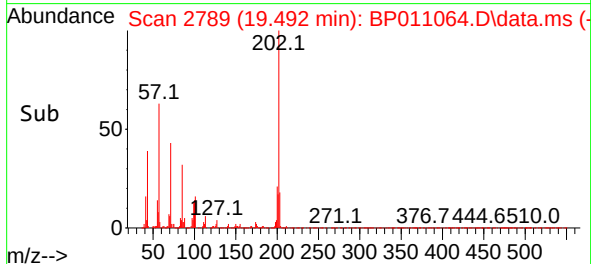
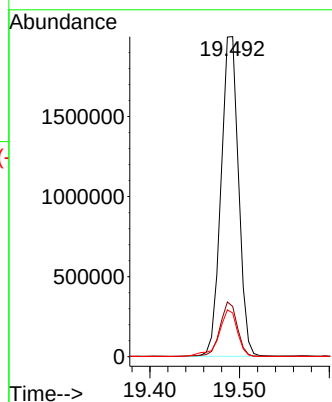
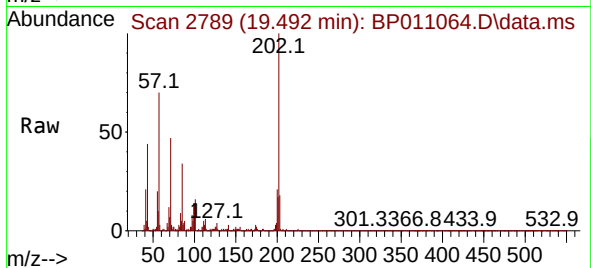
Tgt Ion:202 Resp: 2710267

Ion Ratio Lower Upper

202 100

101 15.7 7.9 11.9#

100 13.6 6.7 10.1#



#83

Butylbenzylphthalate

Concen: 35.018 ng/ul

RT: 20.386 min Scan# 2941

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

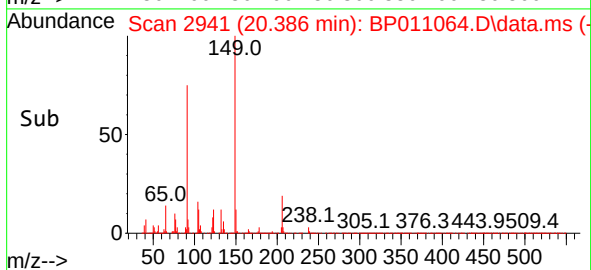
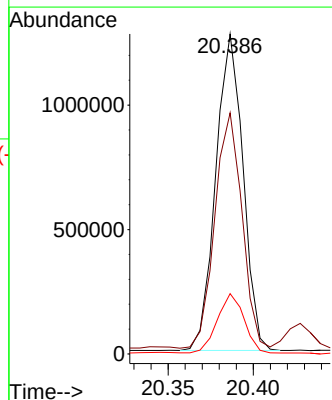
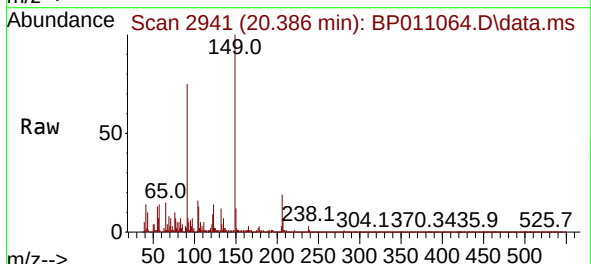
Tgt Ion:149 Resp: 1414554

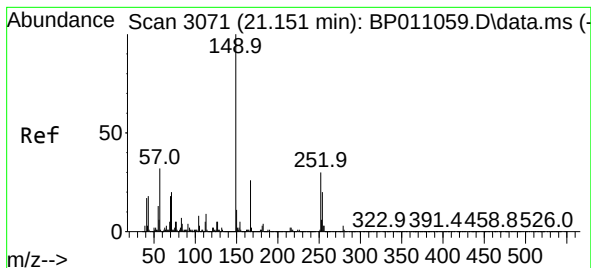
Ion Ratio Lower Upper

149 100

91 75.4 60.0 90.0

206 18.8 17.4 26.2





#84

3,3'-Dichlorobenzidine

Concen: 26.084 ng/ul

RT: 21.157 min Scan# 3071

Delta R.T. 0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

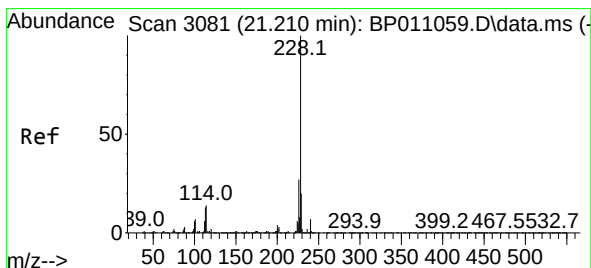
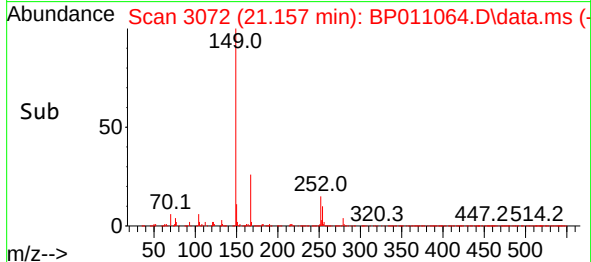
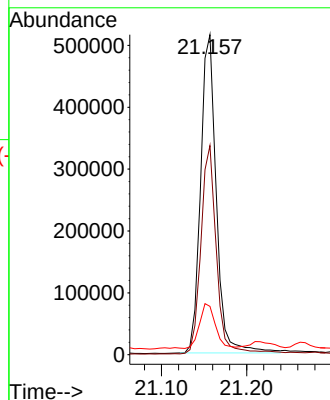
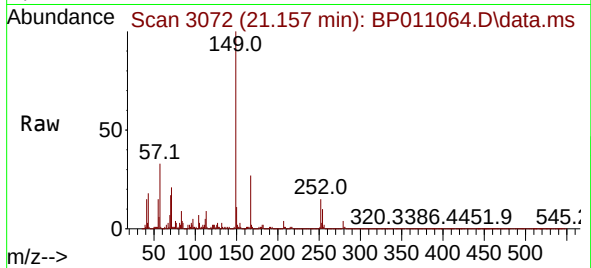
Tgt Ion:252 Resp: 659912

Ion Ratio Lower Upper

252 100

254 65.4 51.0 76.4

126 15.1 8.6 12.8#



#85

Benzo(a)anthracene

Concen: 30.033 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

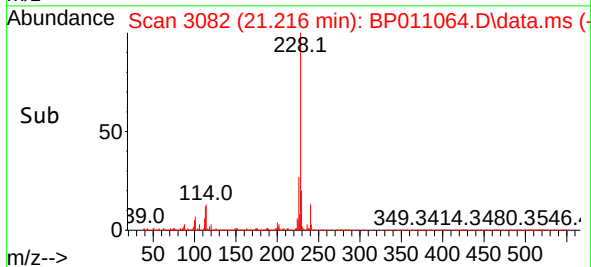
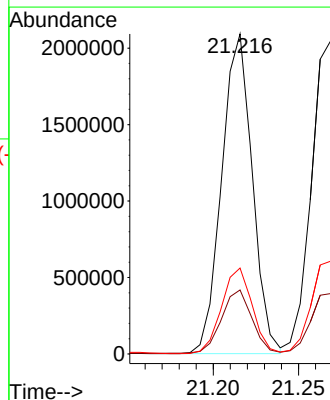
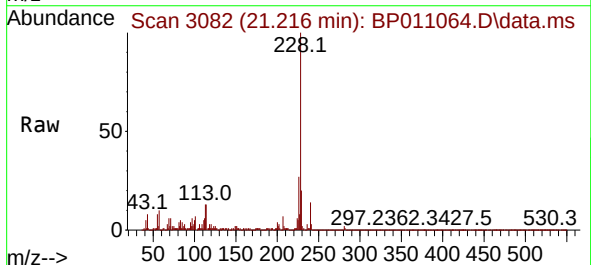
Tgt Ion:228 Resp: 2613298

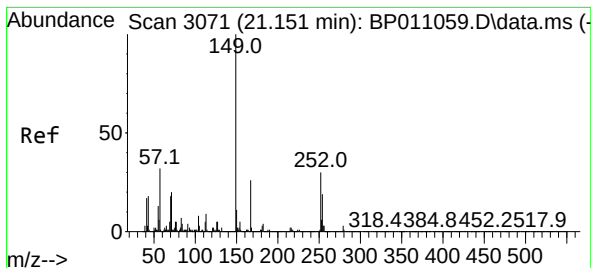
Ion Ratio Lower Upper

228 100

229 20.0 15.0 22.4

226 26.8 20.6 31.0

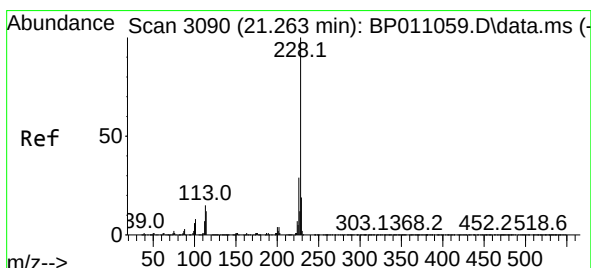
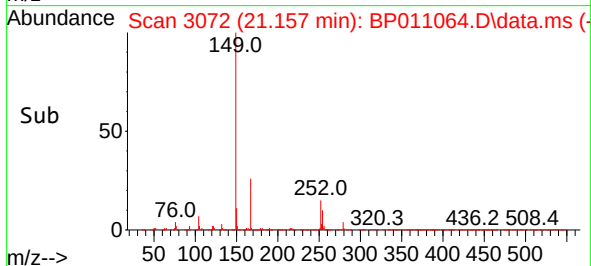
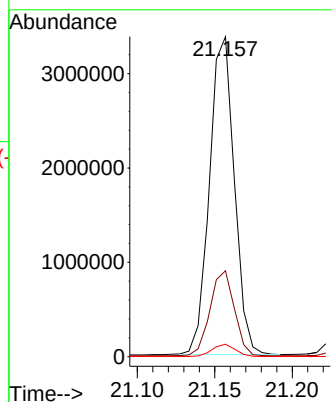
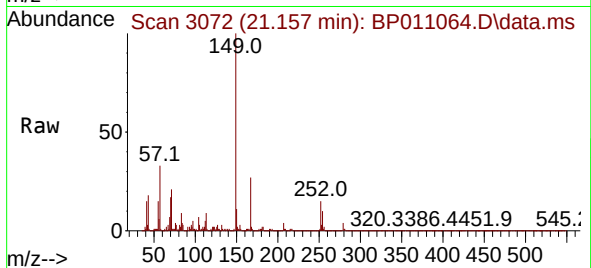




#86
Bis(2-ethylhexyl)phthalate
Concen: 62.258 ng/ul
RT: 21.157 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

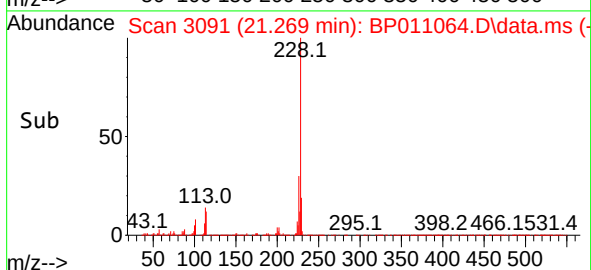
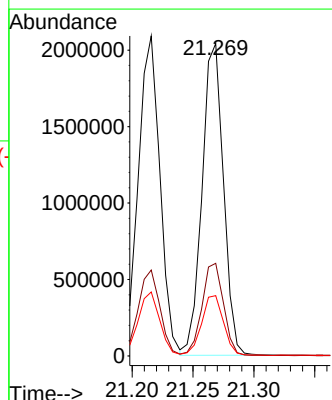
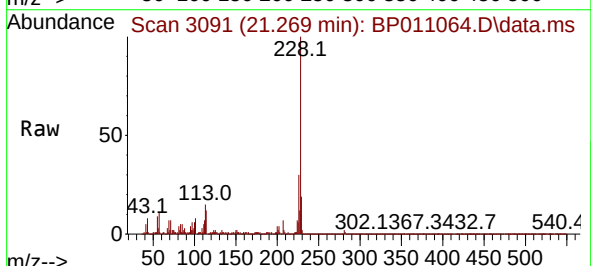
Instrument :
BNA_P
ClientSampleId :

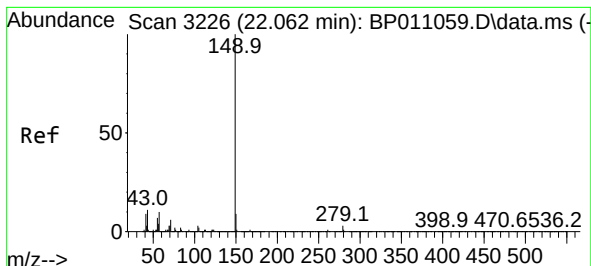
Tgt Ion:149 Resp: 3752375
Ion Ratio Lower Upper
149 100
167 26.8 22.6 33.8
279 3.9 4.2 6.4#



#87
Chrysene
Concen: 29.162 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BP011064.D
Acq: 21 Jul 2022 16:10

Tgt Ion:228 Resp: 2491565
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 19.3 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 35.969 ng/ul

RT: 22.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011064.D

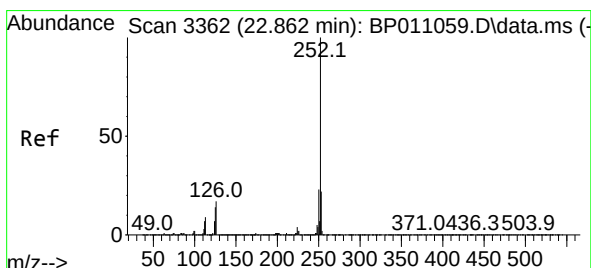
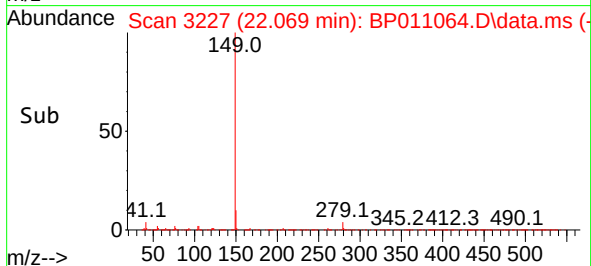
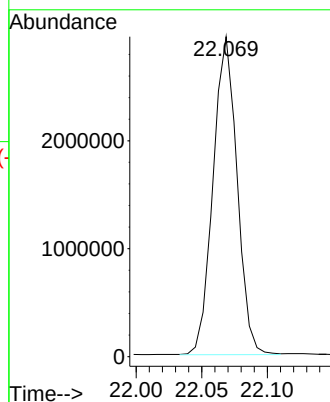
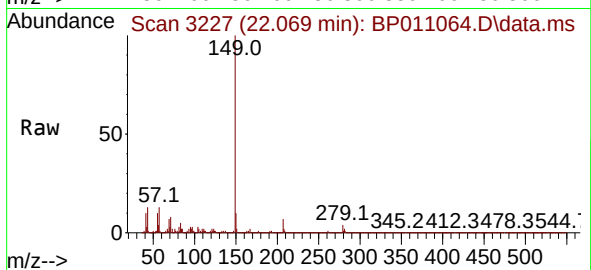
Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 3748391



#90

Benzo(b)fluoranthene

Concen: 29.620 ng/ul

RT: 22.863 min Scan# 3362

Delta R.T. 0.000 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

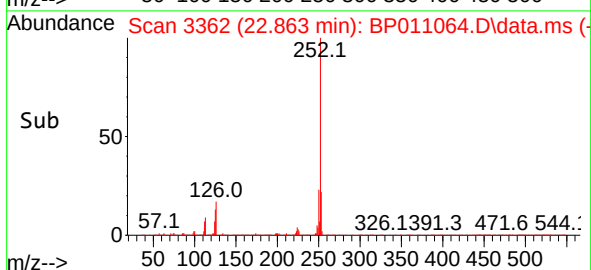
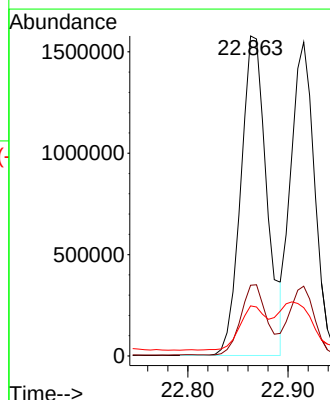
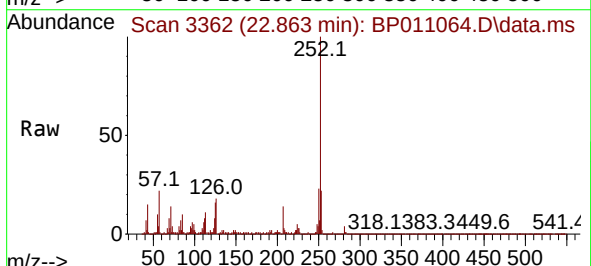
Tgt Ion:252 Resp: 2841912

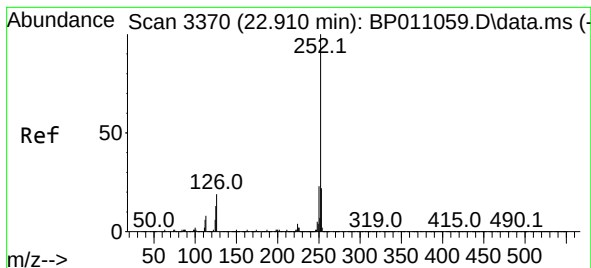
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 15.7 6.2 9.2#





#91

Benzo(k)fluoranthene

Concen: 28.051 ng/ul

RT: 22.916 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

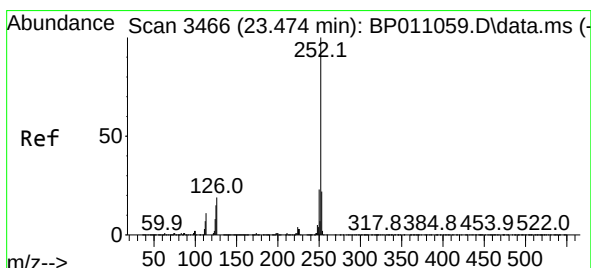
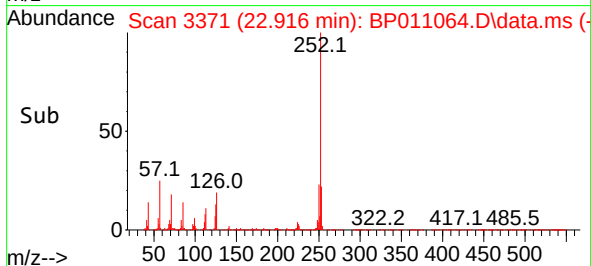
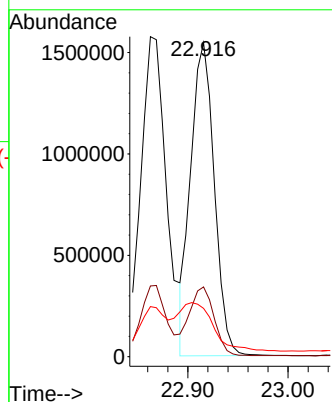
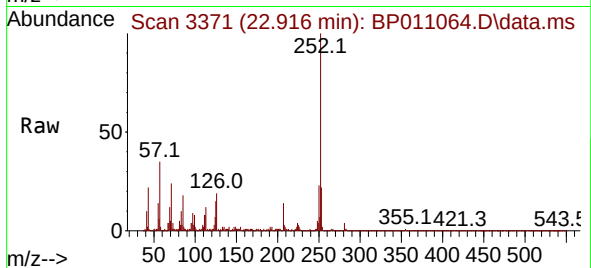
Tgt Ion:252 Resp: 2527950

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 15.4 6.2 9.4#



#93

Benzo(a)pyrene

Concen: 26.531 ng/ul

RT: 23.480 min Scan# 3467

Delta R.T. 0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

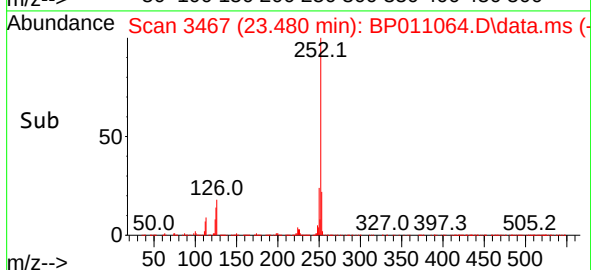
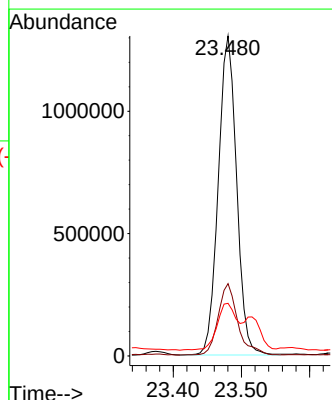
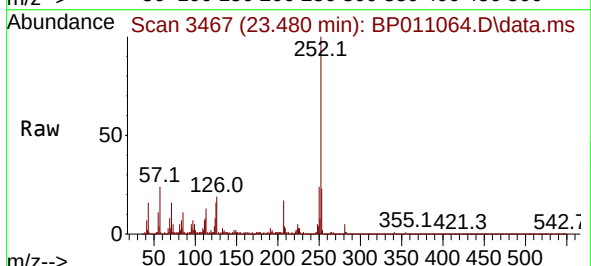
Tgt Ion:252 Resp: 2444560

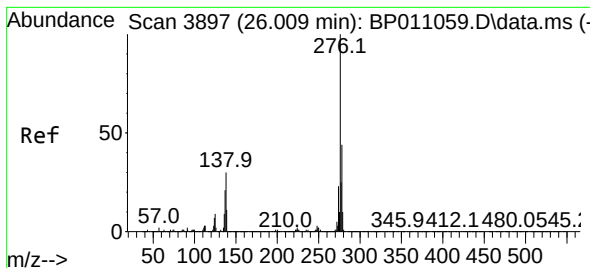
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 16.4 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 30.080 ng/ul

RT: 26.021 min Scan# 3899

Delta R.T. 0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

Instrument :

BNA_P

ClientSampleId :

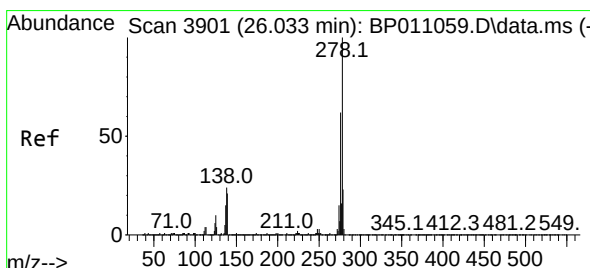
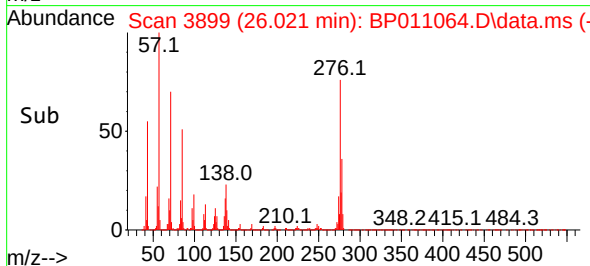
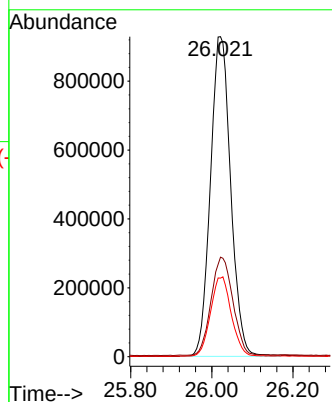
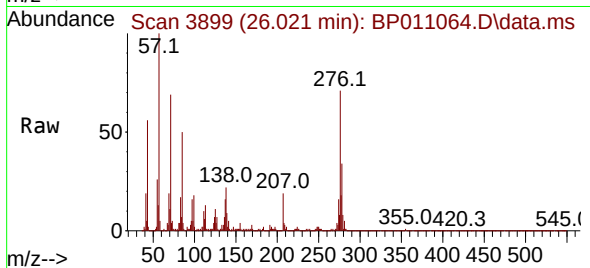
Tgt Ion:276 Resp: 3220927

Ion Ratio Lower Upper

276 100

138 31.1 14.6 22.0#

277 24.6 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 28.531 ng/ul

RT: 26.045 min Scan# 3903

Delta R.T. 0.006 min

Lab File: BP011064.D

Acq: 21 Jul 2022 16:10

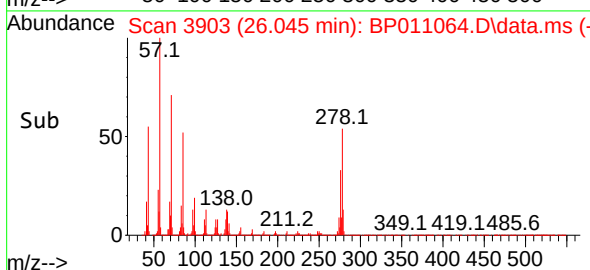
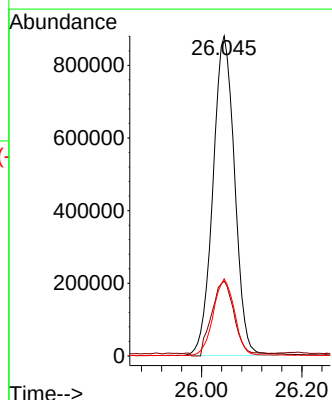
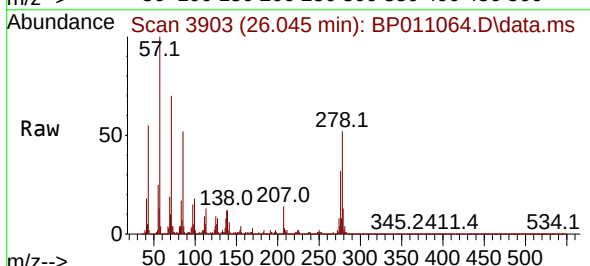
Tgt Ion:278 Resp: 2643597

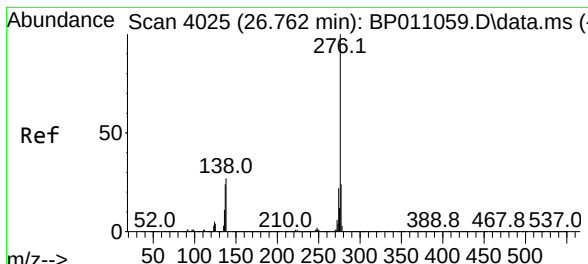
Ion Ratio Lower Upper

278 100

139 23.4 9.4 14.2#

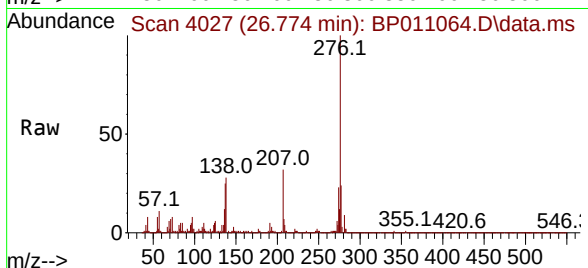
279 24.1 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 27.285 ng/ul
 RT: 26.774 min Scan# 40
 Delta R.T. 0.012 min
 Lab File: BP011064.D
 Acq: 21 Jul 2022 16:10

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 2488349
 Ion Ratio Lower Upper
 276 100
 138 28.1 12.7 19.1#
 277 24.0 18.2 27.4

