

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012221.D
 Acq On : 20 Oct 2022 19:23
 Operator : CG/JU
 Sample : N4755-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:25:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	453542	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	1952075	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	1166551	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2114134	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1307189	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1569952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	56734	5.062	ng/uL	0.00
4) Pyridine-d5	3.681	84	433173	13.414	ng/u1	0.00
7) Phenol-d5	6.999	99	1235611	31.557	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	714646	30.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	970485	32.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	862246	28.334	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	494540	34.226	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	564754	36.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	1015786	34.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	943744	22.715	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	2754395	33.943	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	3089669	33.357	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	443621	29.181	ng/u1	0.00
60) Fluorene-d10	15.475	176	2279752	32.656	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	372112	30.940	ng/u1	0.00
73) Anthracene-d10	17.339	188	3086209	33.304	ng/u1	0.00
81) Pyrene-d10	19.580	212	2720178	36.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.592	264	2618160	33.255	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	122212	10.133	ng/uL	100
5) Pyridine	3.699	79	452925	14.269	ng/u1	99
6) Benzaldehyde	6.969	77	655329	35.608	ng/u1	98
8) Phenol	7.022	94	1302484	31.796	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.257	93	977116	29.553	ng/u1	98
12) 2-Chlorophenol	7.387	128	998829	31.061	ng/u1	100
13) 2-Methylphenol	8.275	108	830084	26.916	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1241200	28.230	ng/u1	98
16) Acetophenone	8.657	105	1518602	32.305	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.646	70	723306	30.398	ng/u1	97
18) 4-Methylphenol	8.610	108	978394	29.131	ng/u1	100
19) Hexachloroethane	8.899	117	400271	31.512	ng/u1	100
22) Nitrobenzene	9.040	77	1096261	31.139	ng/u1	94
23) Isophorone	9.563	82	2131609	31.546	ng/u1	99
25) 2-Nitrophenol	9.746	139	588568	33.229	ng/u1	98
26) 2,4-Dimethylphenol	9.810	107	366719	10.504	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	1374336	31.069	ng/u1	100
29) 2,4-Dichlorophenol	10.281	162	994662	32.870	ng/u1	98
30) Naphthalene	10.681	128	3951640	37.850	ng/u1	100
32) 4-Chloroaniline	10.804	127	971409	22.652	ng/u1	100
33) Hexachlorobutadiene	10.957	225	627979	32.994	ng/u1	99
34) Caprolactam	11.610	113	316937	33.739	ng/u1	95
35) 4-Chloro-3-methylphenol	11.928	107	1035597	31.697	ng/u1	99
36) 2-Methylnaphthalene	12.292	142	2528419	35.595	ng/u1	99

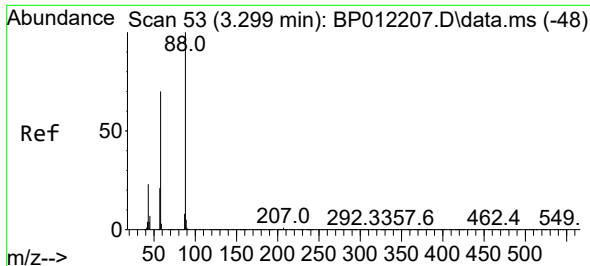
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	2275767	32.085	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1194629	33.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	606569	32.187	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	792115	34.626	ng/ul	100
42) 2,4,5-Trichlorophenol	12.981	196	867938	34.780	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	2932207	33.796	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	2205015	32.056	ng/ul	99
45) 2-Nitroaniline	13.563	65	628928	34.392	ng/ul	99
47) Dimethylphthalate	13.939	163	2757322	32.427	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	587469	36.106	ng/ul	99
50) Acenaphthylene	14.198	152	4123378	39.953	ng/ul	100
51) 3-Nitroaniline	14.392	138	507058	29.524	ng/ul	97
52) Acenaphthene	14.539	153	2608475	35.738	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	286775	29.353	ng/ul	95
55) 4-Nitrophenol	14.710	109	343847	30.443	ng/ul	93
56) Dibenzofuran	14.881	168	4071525	40.748	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	792538	34.131	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	704976	33.416	ng/ul	98
59) Diethylphthalate	15.304	149	2771642	33.164	ng/ul	100
61) Fluorene	15.533	166	3243162	40.969	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	1225515	31.065	ng/ul	97
63) 4-Nitroaniline	15.563	138	502631	31.176	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.622	198	392077	31.054	ng/ul	98
67) N-Nitrosodiphenylamine	15.739	169	2150460	35.046	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	850204	37.983	ng/ul	98
69) Hexachlorobenzene	16.533	284	965656	36.598	ng/ul	99
70) Atrazine	16.704	200	757124	35.345	ng/ul	99
71) Pentachlorophenol	16.886	266	713909	44.824	ng/ul	100
72) Phenanthrene	17.286	178	7876810	69.322	ng/ul	99
74) Anthracene	17.380	178	10874921	96.731	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	1218329	38.619	ng/uL	100
76) Pentachlorobenzene	14.792	250	1162461	34.982	ng/uL	99
77) Carbazole	17.651	167	4945849	49.847	ng/ul	99
78) Di-n-butylphthalate	18.198	149	4323320	36.323	ng/ul	100
80) Fluoranthene	19.398	202	212732	2.313	ng/ul	99
83) Butylbenzylphthalate	20.480	149	1456067	39.788	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.257	252	506699	17.798	ng/ul	99
85) Benzo(a)anthracene	21.321	228	5180319	60.806	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2076307	40.496	ng/ul#	97
87) Chrysene	21.374	228	5780832	72.714	ng/ul	98
89) Di-n-octyl phthalate	22.163	149	3329320	30.660	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	9156813	87.518	ng/ul	97
91) Benzo(k)fluoranthene	23.062	252	5402006	52.379	ng/ul	97
93) Benzo(a)pyrene	23.645	252	5825766	65.114	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.268	276	8351428	80.633	ng/ul	95
95) Dibenzo(a,h)anthracene	26.274	278	4355755	46.648	ng/ul	98
96) Benzo(g,h,i)perylene	27.045	276	7062929	72.627	ng/ul	97

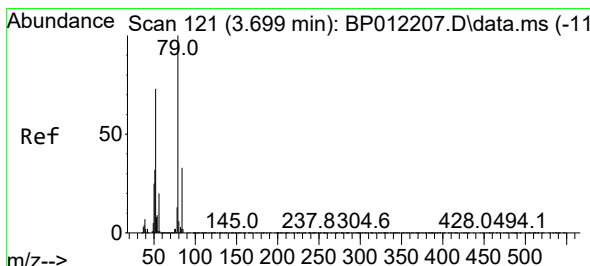
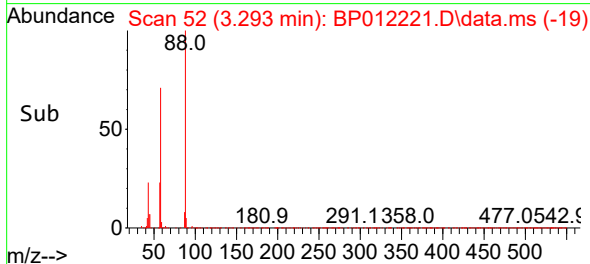
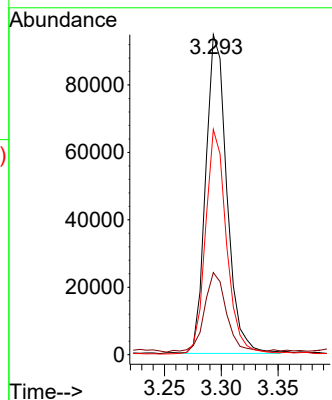
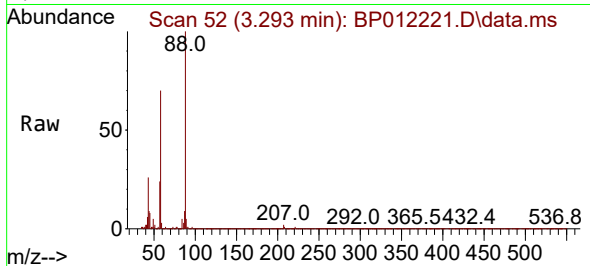
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#2
1,4-Dioxane
Concen: 10.133 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

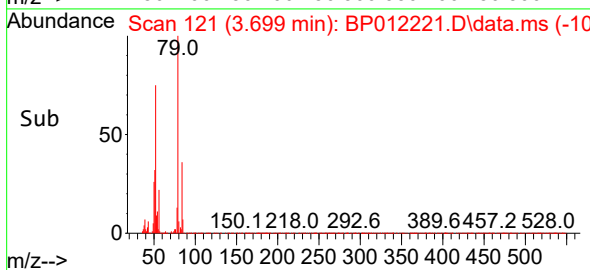
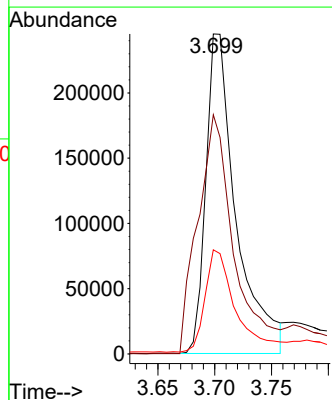
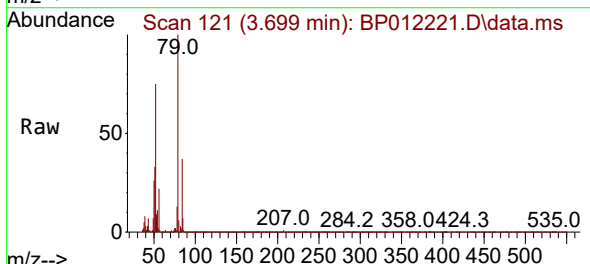
Instrument :
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ClientSampleId :

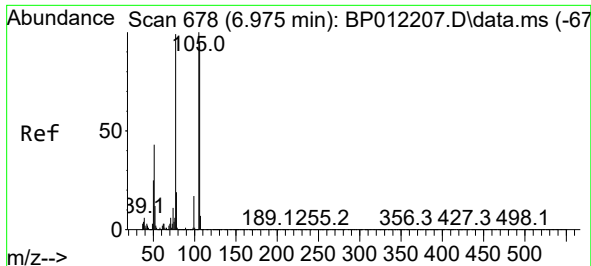
Tgt Ion: 88 Resp: 122212
Ion Ratio Lower Upper
88 100
43 25.6 20.6 30.8
58 70.4 56.1 84.1



#5
Pyridine
Concen: 14.269 ng/uL
RT: 3.699 min Scan# 121
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion: 79 Resp: 452925
Ion Ratio Lower Upper
79 100
52 74.8 59.4 89.2
51 32.6 26.5 39.7

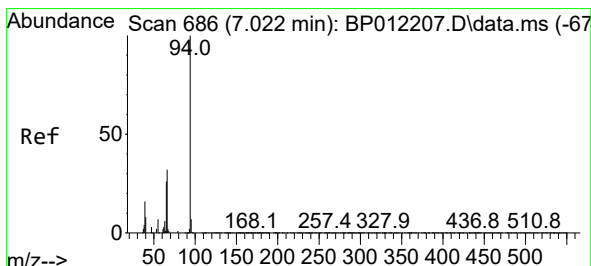
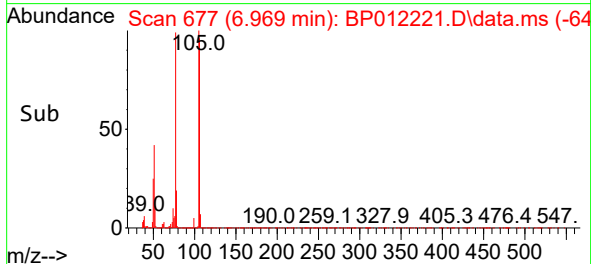
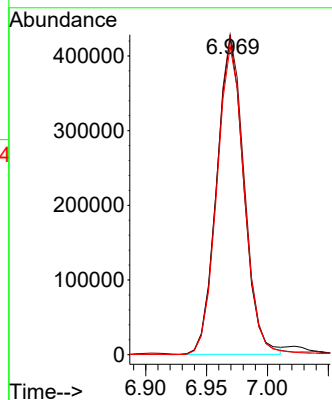
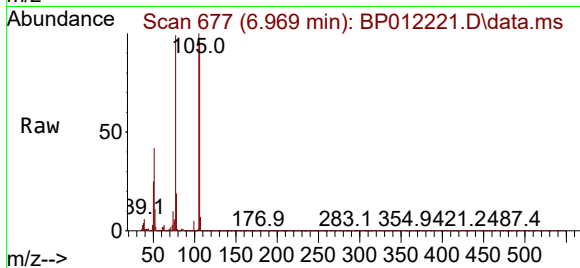




#6
Benzaldehyde
Concen: 35.608 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

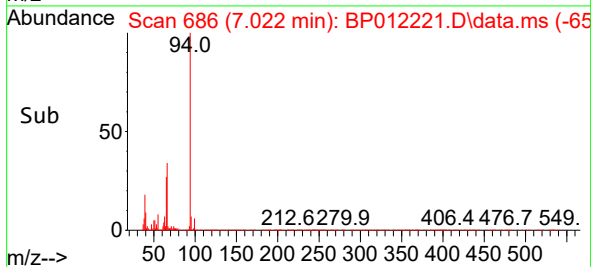
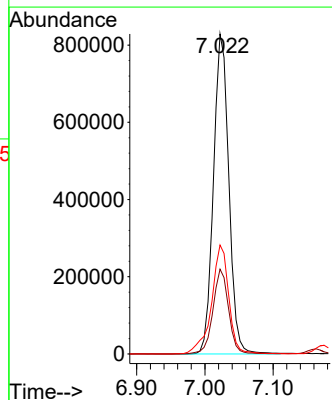
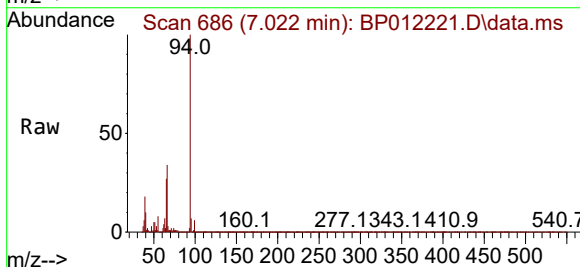
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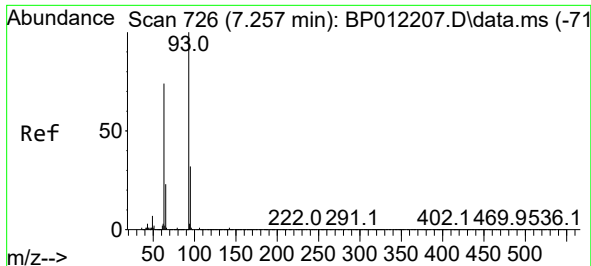
Tgt Ion: 77 Resp: 655329
Ion Ratio Lower Upper
77 100
105 101.0 79.0 118.6
106 97.3 76.4 114.6



#8
Phenol
Concen: 31.796 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion: 94 Resp: 1302484
Ion Ratio Lower Upper
94 100
65 26.5 20.6 31.0
66 34.0 26.2 39.4

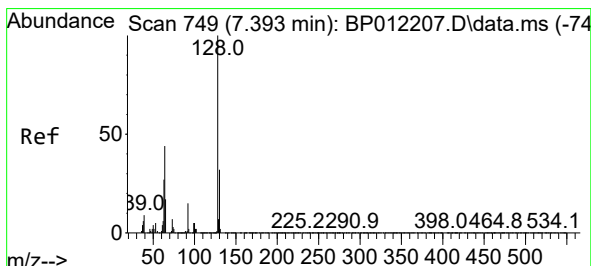
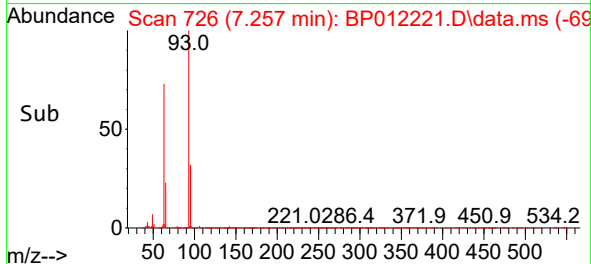
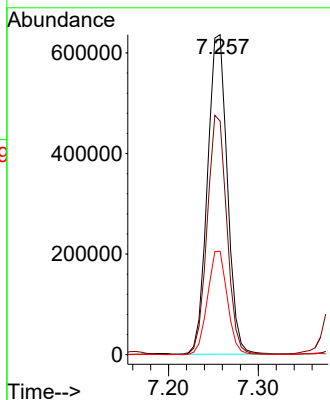
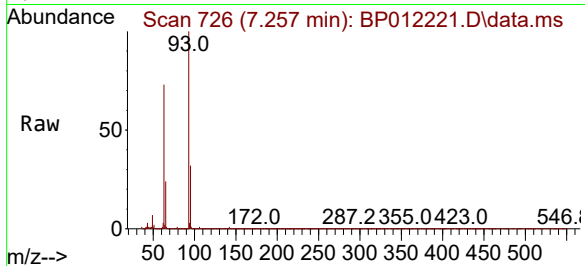




#10
Bis(2-Chloroethyl)ether
Concen: 29.553 ng/ul
RT: 7.257 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

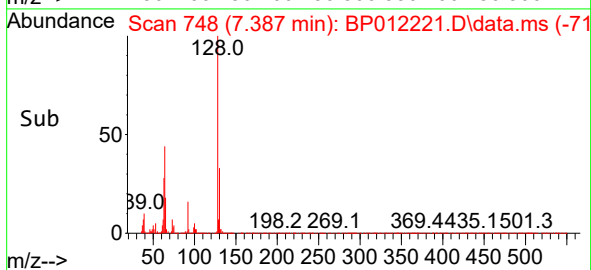
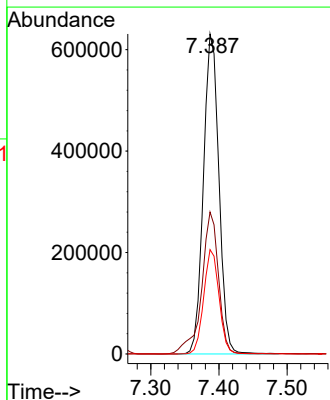
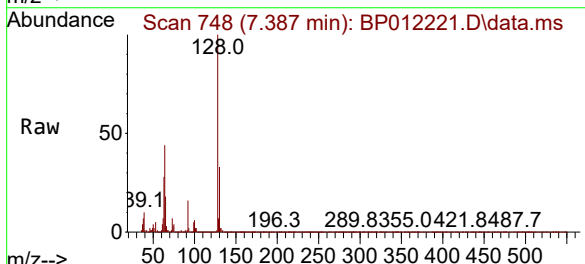
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ClientSampleId :

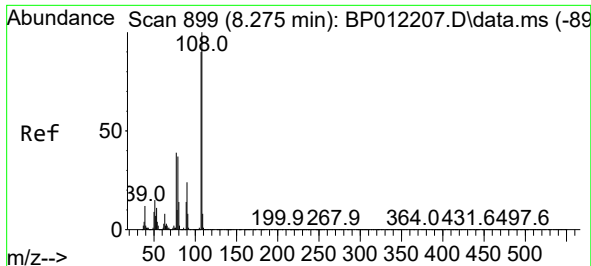
Tgt Ion: 93 Resp: 977116
Ion Ratio Lower Upper
93 100
63 73.0 60.2 90.2
95 32.4 26.1 39.1



#12
2-Chlorophenol
Concen: 31.061 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:128 Resp: 998829
Ion Ratio Lower Upper
128 100
64 44.4 35.4 53.2
130 32.6 26.1 39.1





#13

2-Methylphenol

Concen: 26.916 ng/ul

RT: 8.275 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

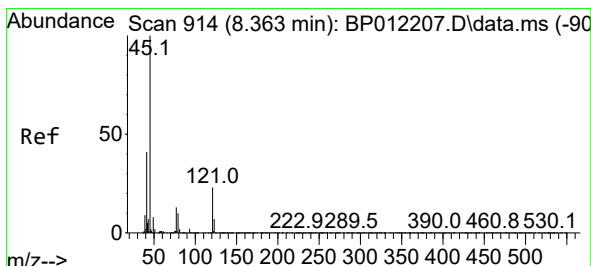
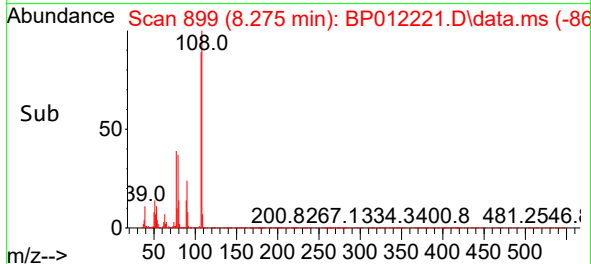
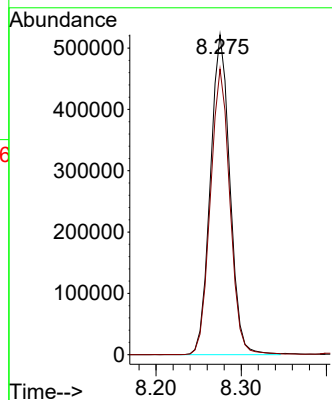
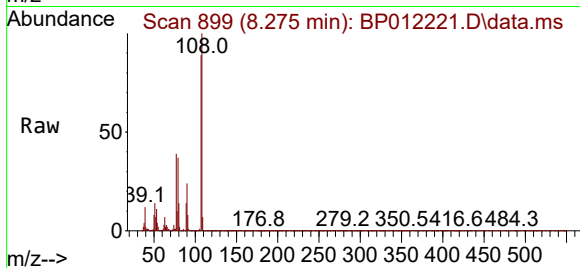
ClientSampleId :

Tgt Ion:108 Resp: 830084

Ion Ratio Lower Upper

108 100

107 89.3 71.1 106.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.230 ng/ul

RT: 8.363 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

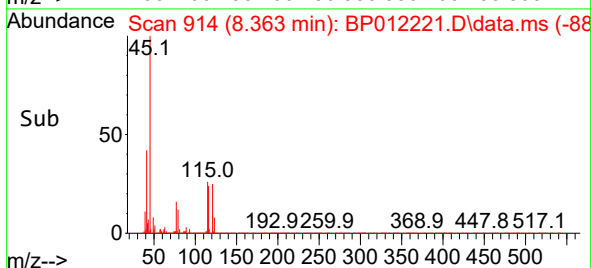
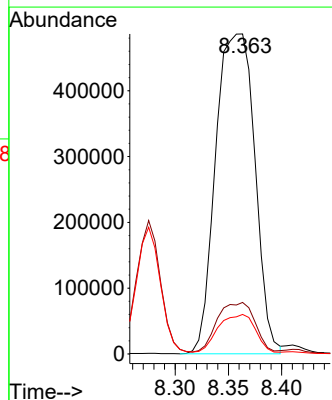
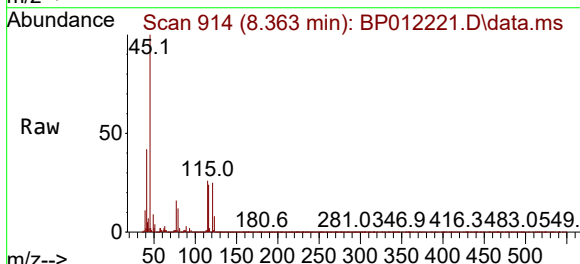
Tgt Ion: 45 Resp: 1241200

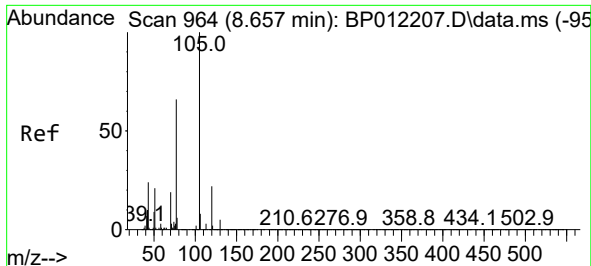
Ion Ratio Lower Upper

45 100

77 16.1 12.1 18.1

79 12.4 9.3 13.9

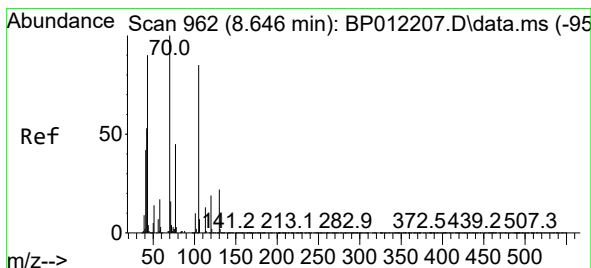
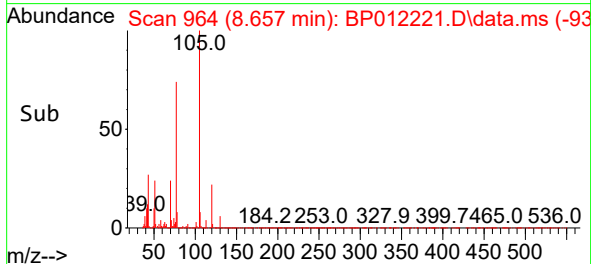
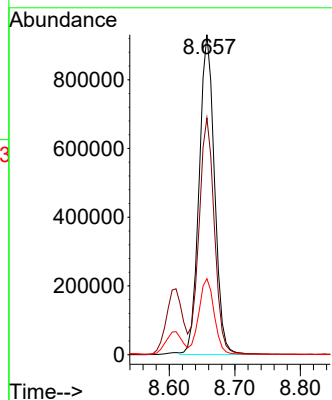
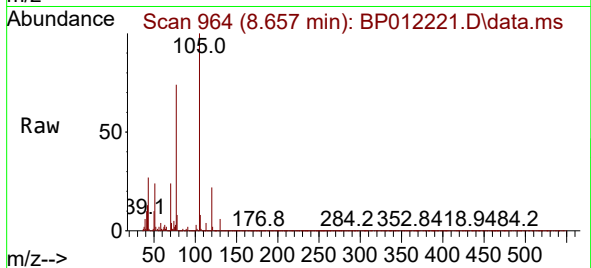




#16
Acetophenone
Concen: 32.305 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

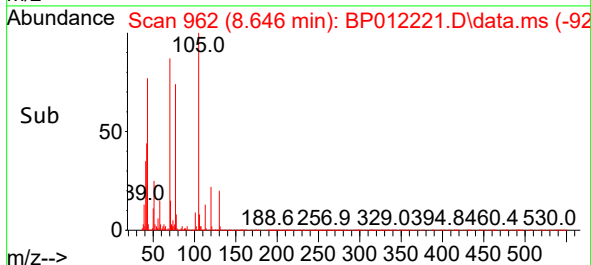
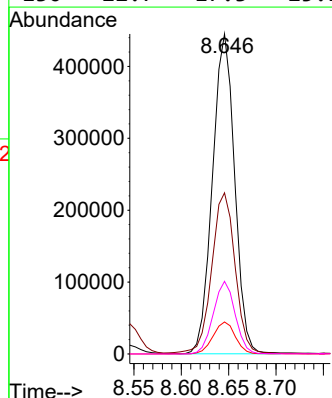
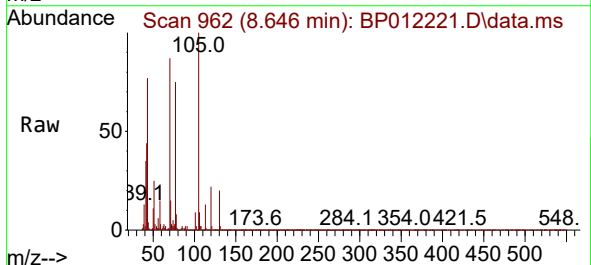
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BNA_P
ClientSampleId :

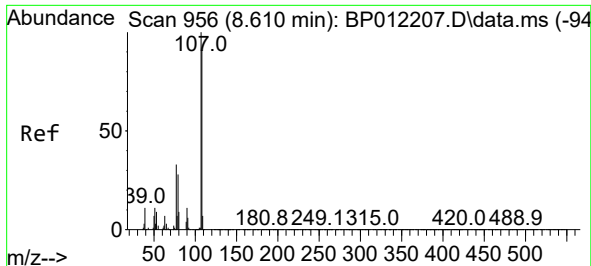
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Ion Ratio Lower Upper
105 100
77 74.0 60.0 90.0
51 23.8 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 30.398 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion: 70 Resp: 723306
Ion Ratio Lower Upper
70 100
42 50.4 42.4 63.6
101 10.0 7.6 11.4
130 22.7 17.3 25.9

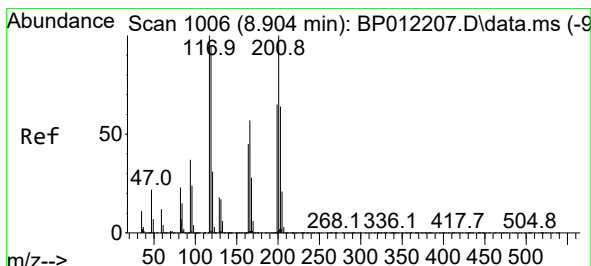
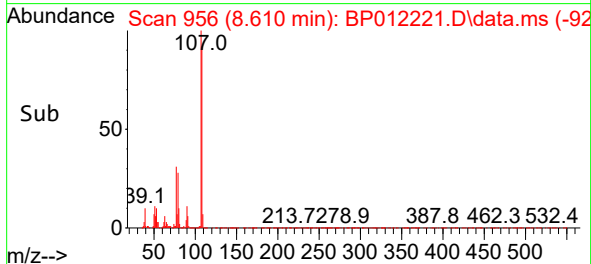
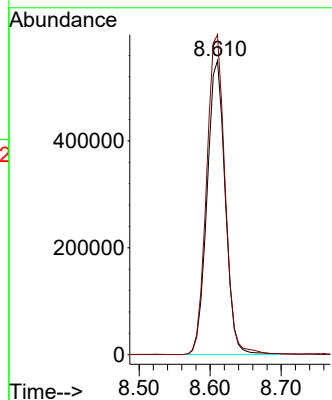
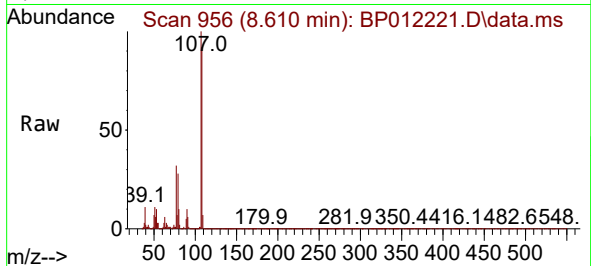




#18
4-Methylphenol
Concen: 29.131 ng/ul
RT: 8.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

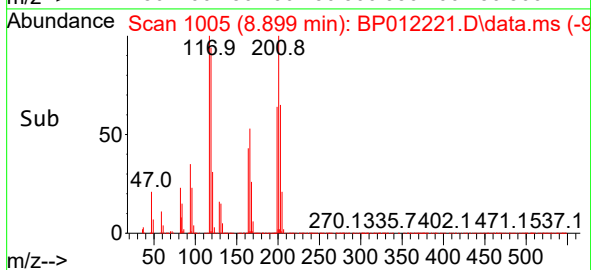
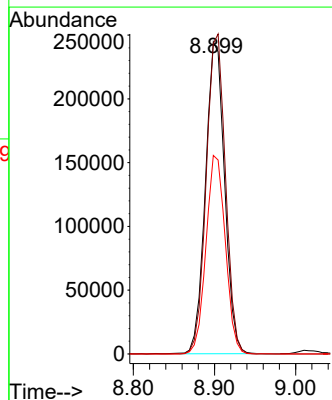
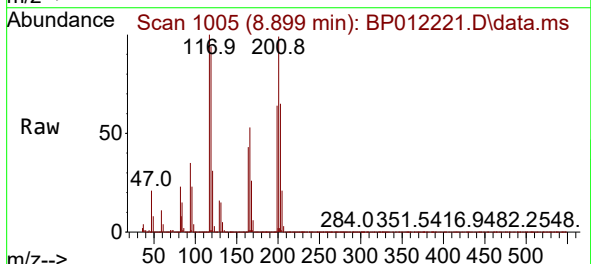
Instrument :
BNA_P
ClientSampleId :

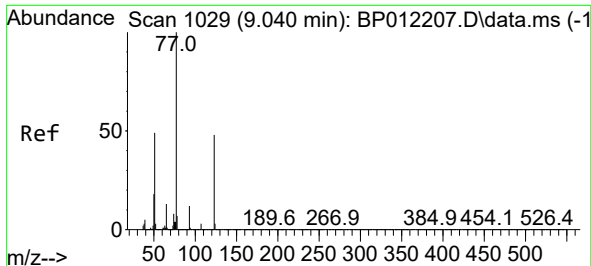
Tgt Ion:108 Resp: 978394
Ion Ratio Lower Upper
108 100
107 108.8 86.6 130.0



#19
Hexachloroethane
Concen: 31.512 ng/ul
RT: 8.899 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:117 Resp: 400271
Ion Ratio Lower Upper
117 100
201 99.4 79.7 119.5
199 63.6 50.7 76.1

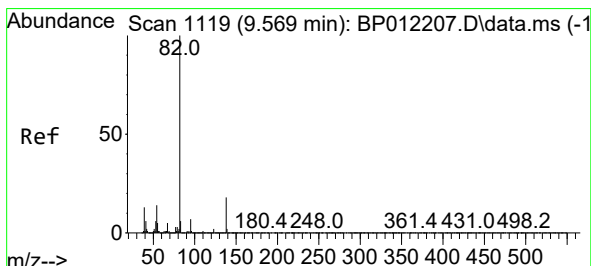
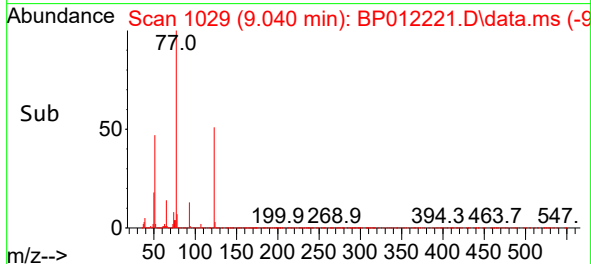
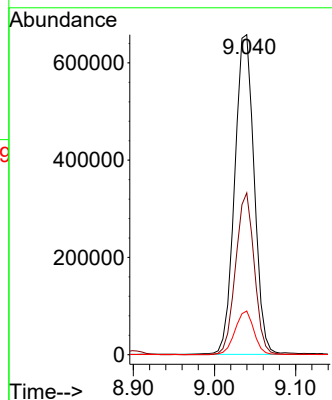
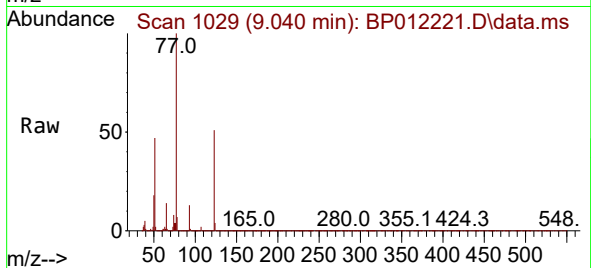




#22
Nitrobenzene
Concen: 31.139 ng/ul
RT: 9.040 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

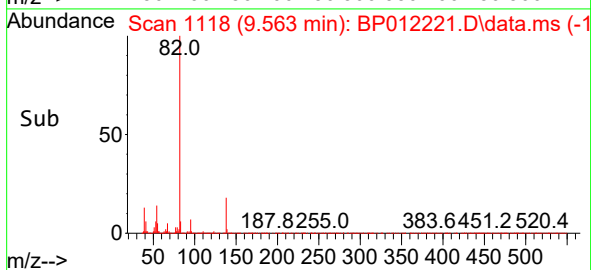
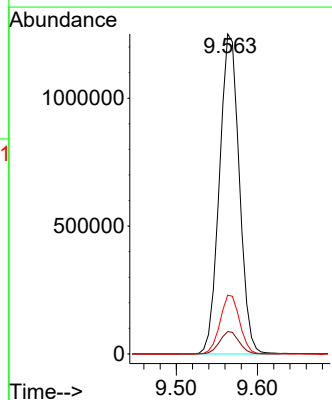
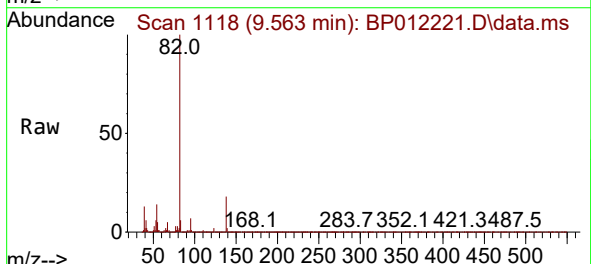
Instrument :
BNA_P
ClientSampleId :

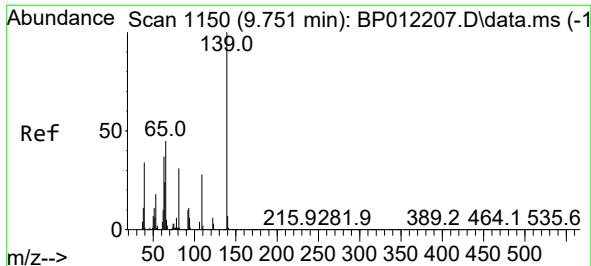
Tgt Ion: 77 Resp: 1096261
Ion Ratio Lower Upper
77 100
123 50.6 37.1 55.7
65 13.7 10.0 15.0



#23
Isophorone
Concen: 31.546 ng/ul
RT: 9.563 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion: 82 Resp: 2131609
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.4 14.5 21.7

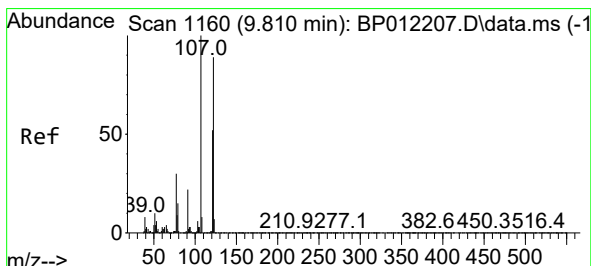
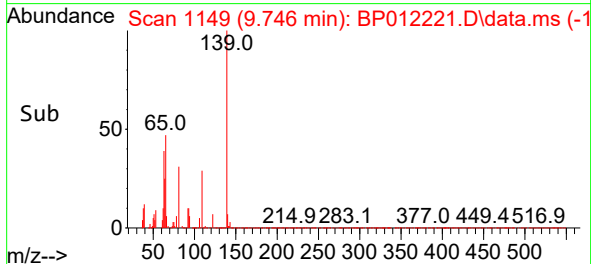
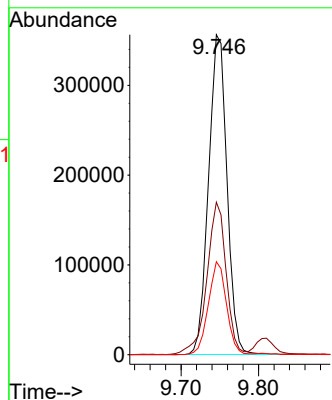
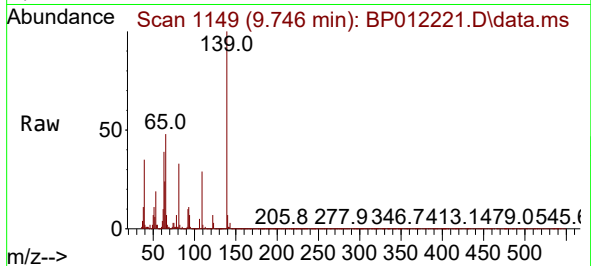




#25
2-Nitrophenol
Concen: 33.229 ng/ul
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

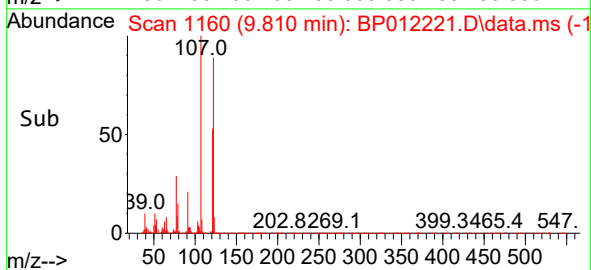
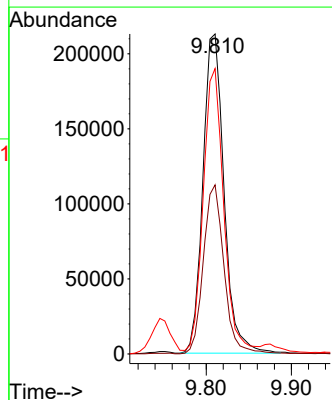
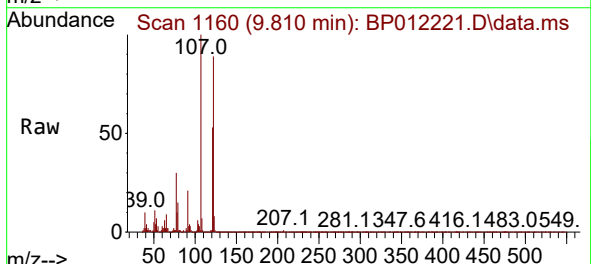
Instrument :
BNA_P
ClientSampleId :

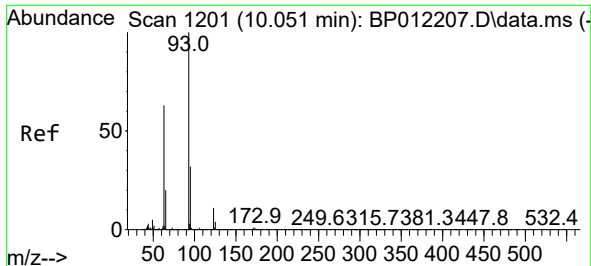
Tgt Ion:139 Resp: 588568
Ion Ratio Lower Upper
139 100
65 47.7 38.0 57.0
109 29.0 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 10.504 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:107 Resp: 366719
Ion Ratio Lower Upper
107 100
121 52.8 40.6 60.8
122 89.2 71.0 106.6





#27

Bis(2-Chloroethoxy)methane

Concen: 31.069 ng/ul

RT: 10.046 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

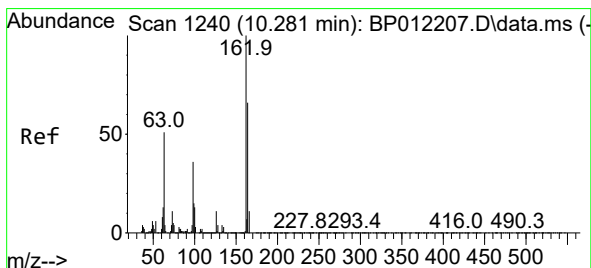
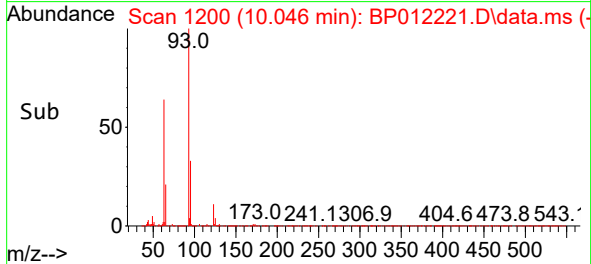
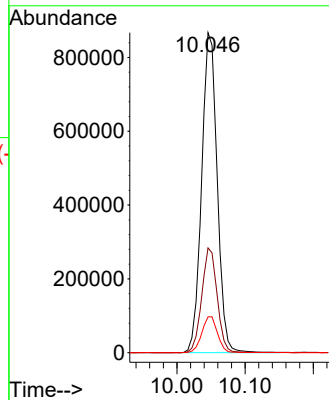
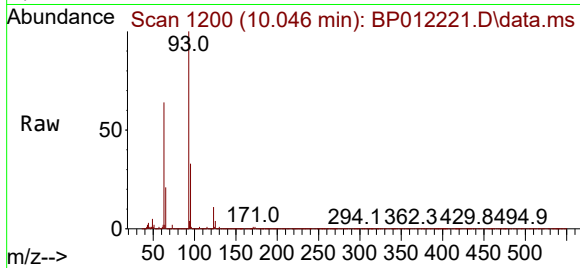
Tgt Ion: 93 Resp: 1374336

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.2 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 32.870 ng/ul

RT: 10.281 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

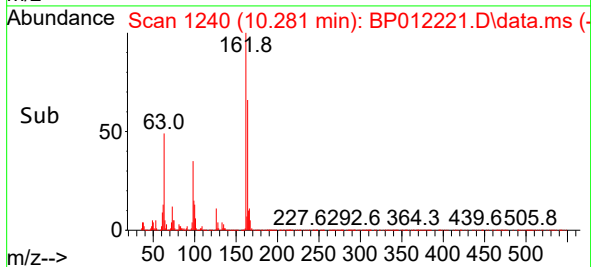
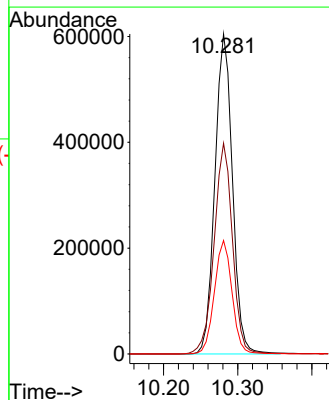
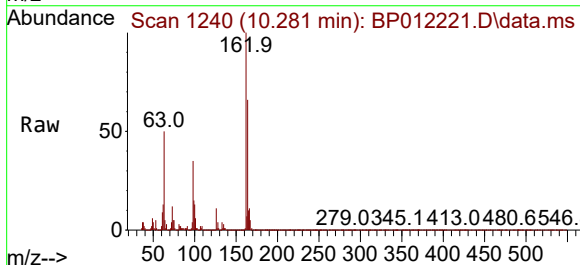
Tgt Ion: 162 Resp: 994662

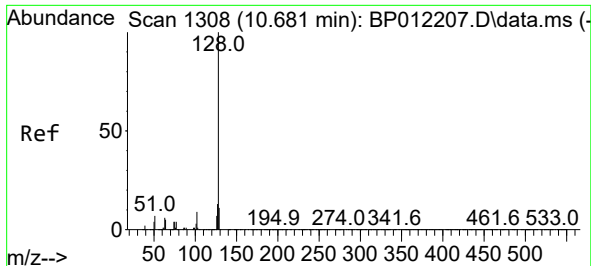
Ion Ratio Lower Upper

162 100

164 65.9 51.2 76.8

98 35.5 28.3 42.5

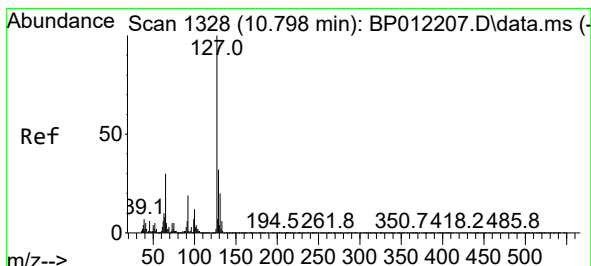
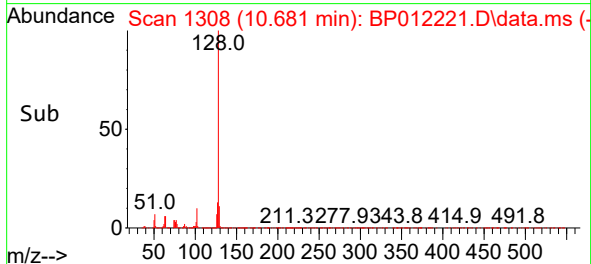
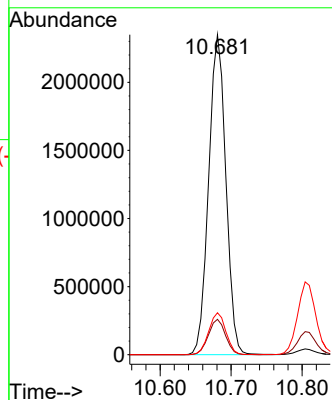
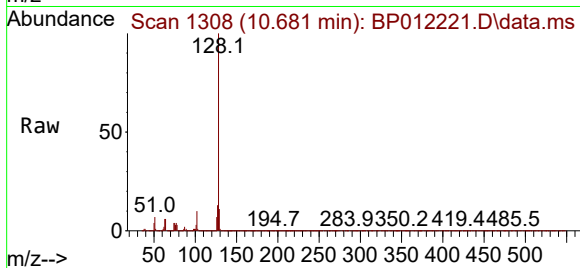




#30
Naphthalene
Concen: 37.850 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

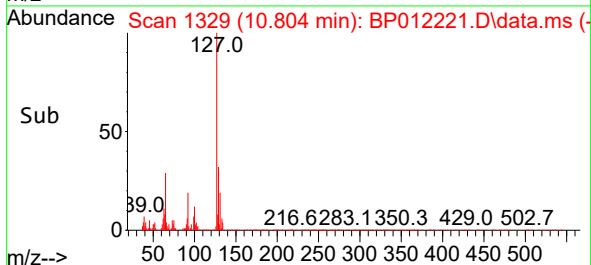
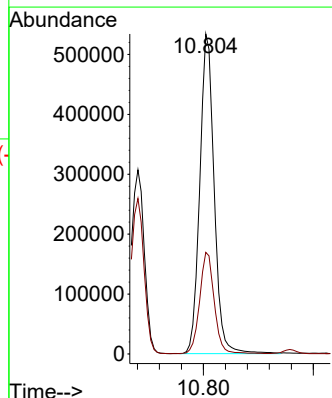
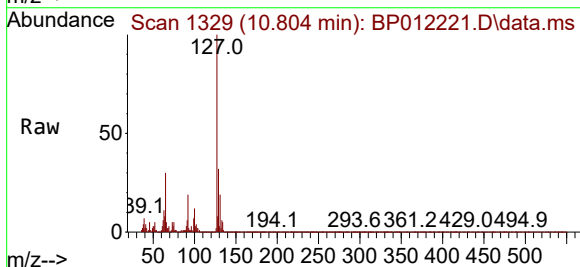
Instrument :
BNA_P
ClientSampleId :

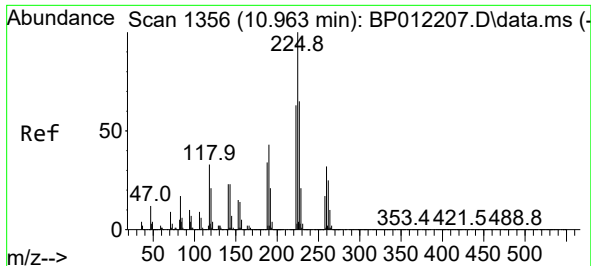
Tgt Ion:128 Resp: 3951640
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.2 15.4



#32
4-Chloroaniline
Concen: 22.652 ng/ul
RT: 10.804 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

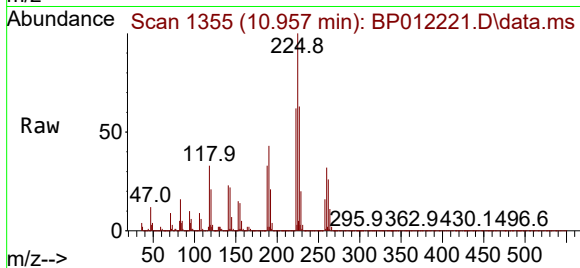
Tgt Ion:127 Resp: 971409
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4



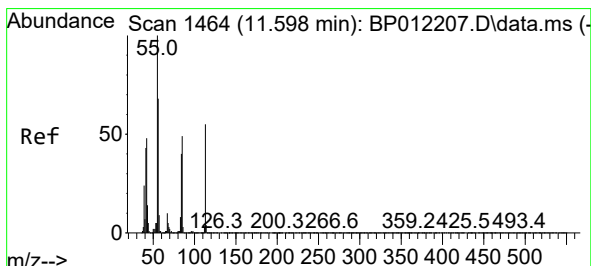
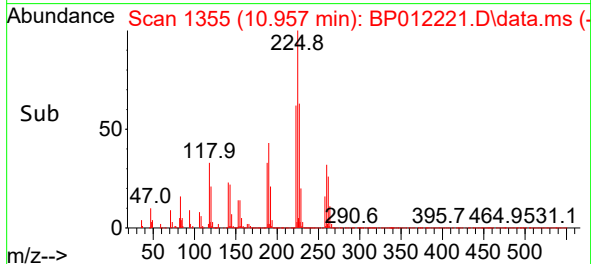
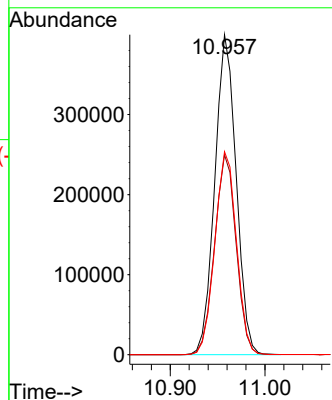


#33
Hexachlorobutadiene
Concen: 32.994 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Instrument :
BNA_P
ClientSampleId :

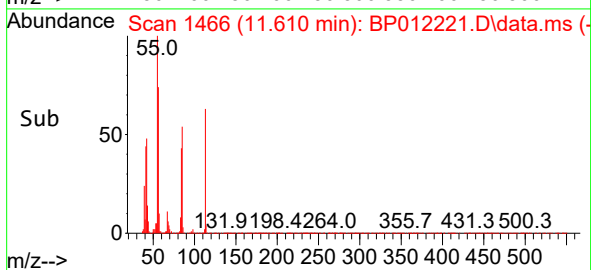
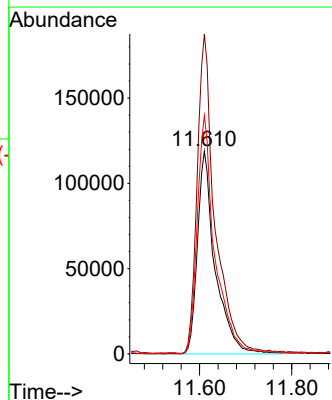
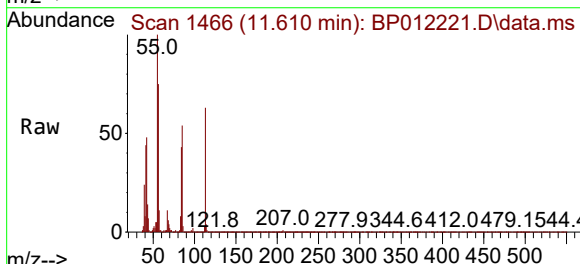


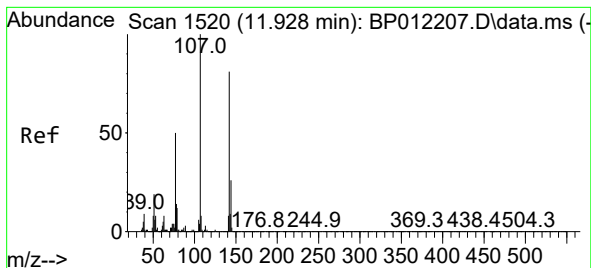
Tgt Ion:225 Resp: 627979
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.4
227 63.5 51.9 77.9



#34
Caprolactam
Concen: 33.739 ng/ul
RT: 11.610 min Scan# 1466
Delta R.T. 0.012 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:113 Resp: 316937
Ion Ratio Lower Upper
113 100
55 157.8 133.7 200.5
56 117.6 95.4 143.2

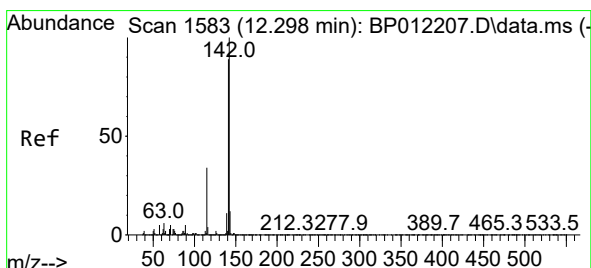
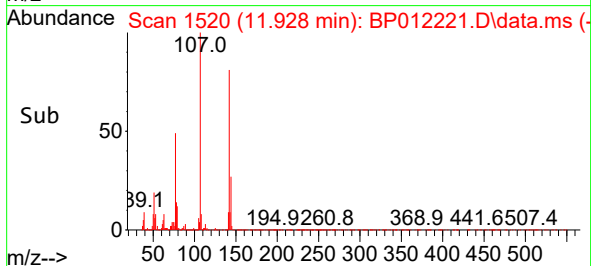
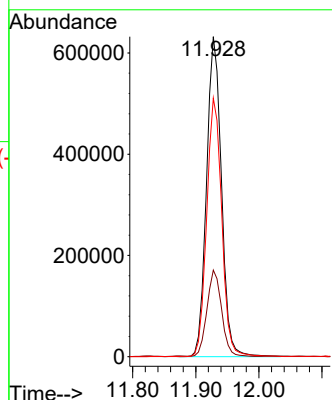
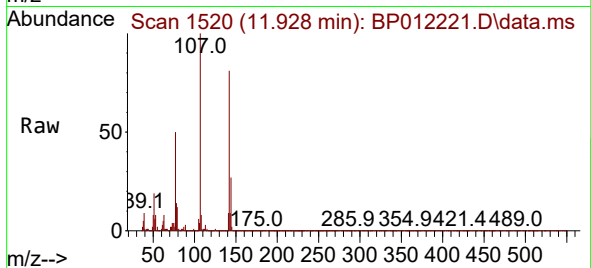




#35
4-Chloro-3-methylphenol
Concen: 31.697 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

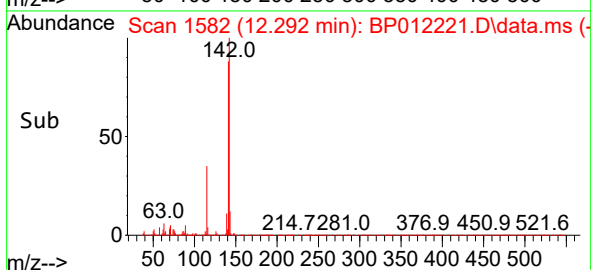
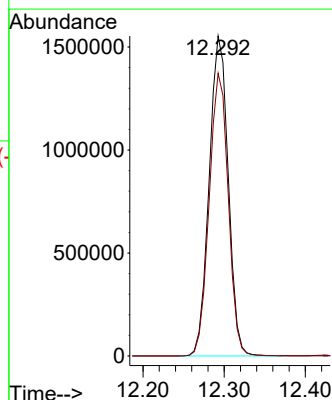
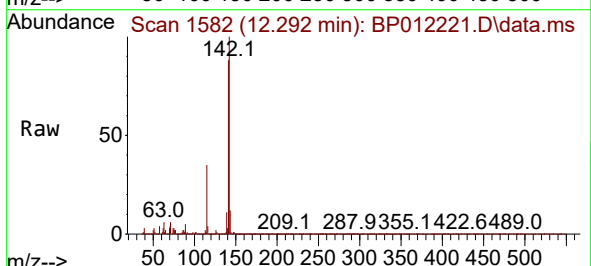
Instrument :
BNA_P
ClientSampleId :

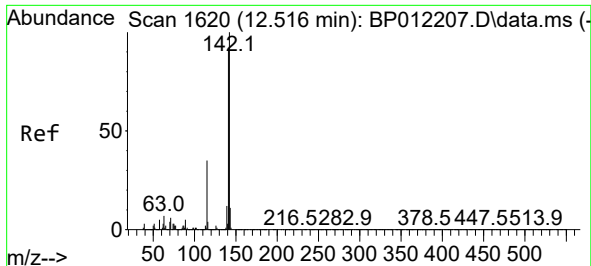
Tgt Ion:107 Resp: 1035597
Ion Ratio Lower Upper
107 100
144 27.1 21.2 31.8
142 80.8 65.5 98.3



#36
2-Methylnaphthalene
Concen: 35.595 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:142 Resp: 2528419
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

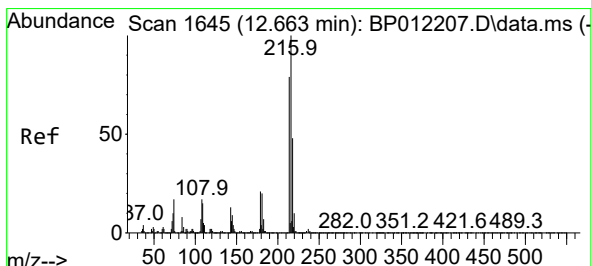
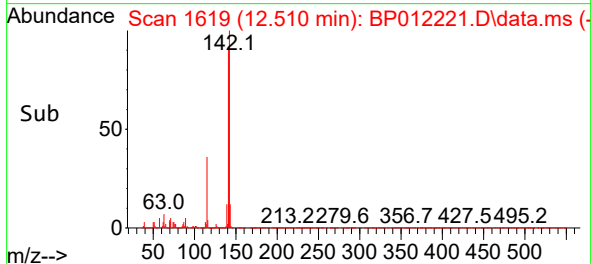
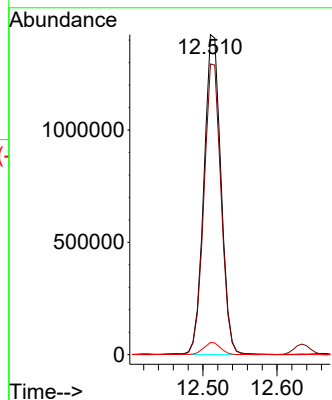
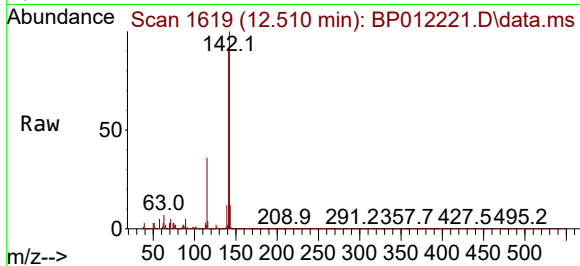




#37
1-Methylnaphthalene
Concen: 32.085 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

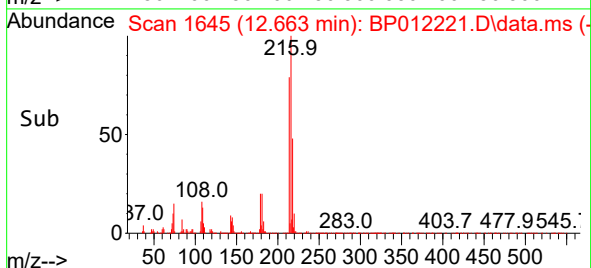
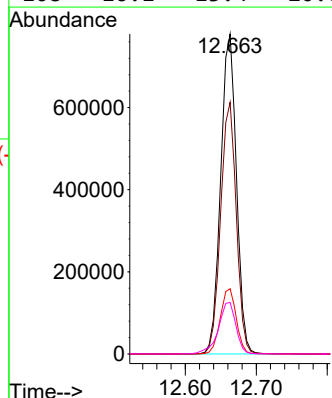
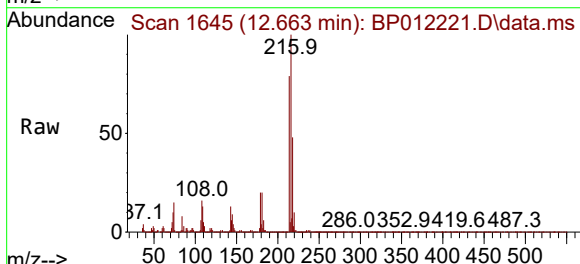
Instrument :
BNA_P
ClientSampleId :

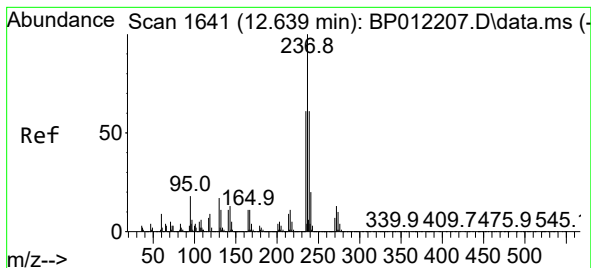
Tgt Ion:142 Resp: 2275767
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0
116 3.9 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.703 ng/ul
RT: 12.663 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:216 Resp: 1194629
Ion Ratio Lower Upper
216 100
214 78.7 62.5 93.7
179 20.4 16.5 24.7
108 16.1 13.4 20.0





#40

Hexachlorocyclopentadiene

Concen: 32.187 ng/ul

RT: 12.634 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

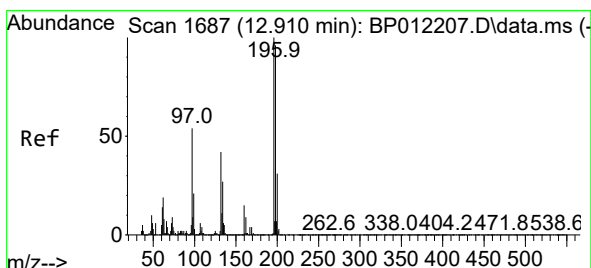
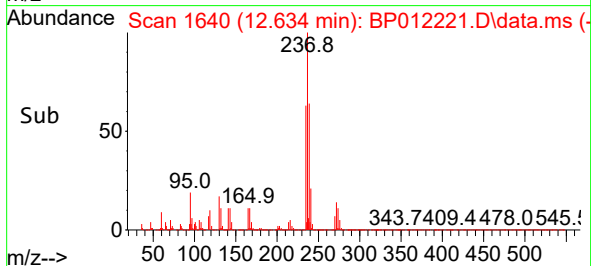
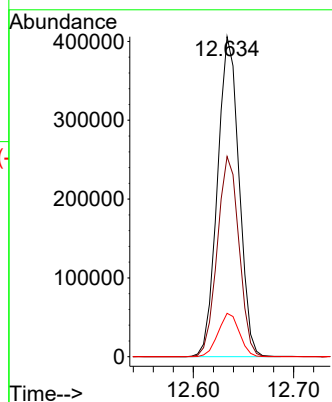
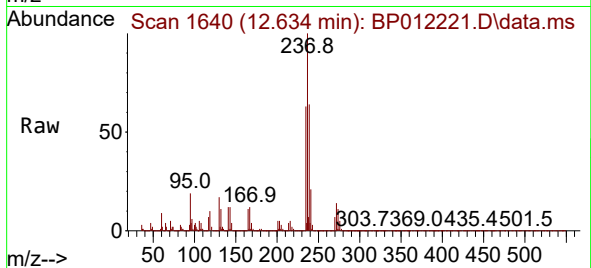
Tgt Ion:237 Resp: 606569

Ion Ratio Lower Upper

237 100

235 62.5 49.4 74.0

272 13.5 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 34.626 ng/ul

RT: 12.910 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

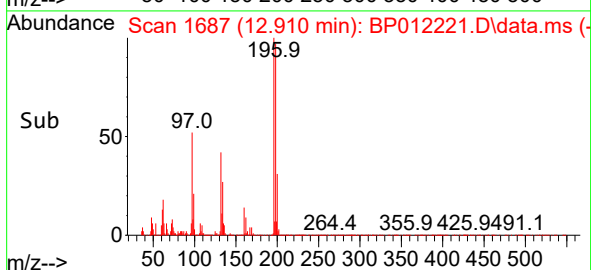
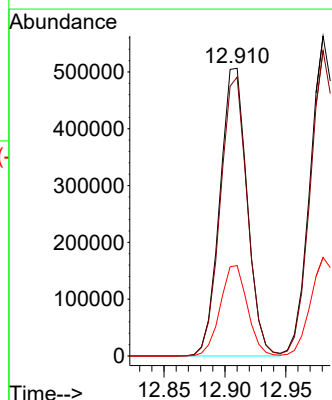
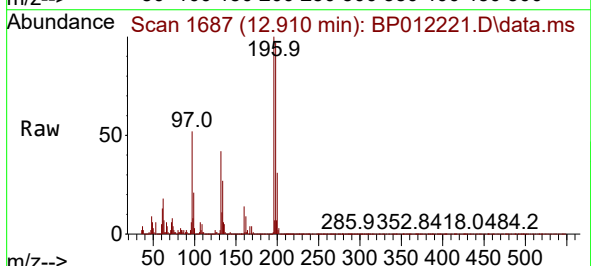
Tgt Ion:196 Resp: 792115

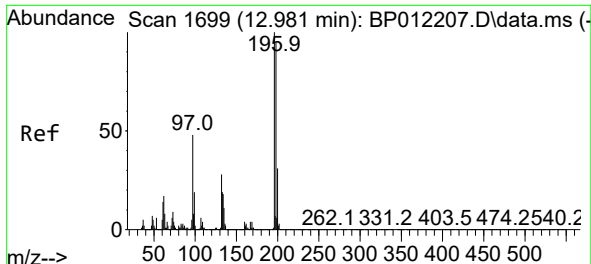
Ion Ratio Lower Upper

196 100

198 96.9 77.4 116.2

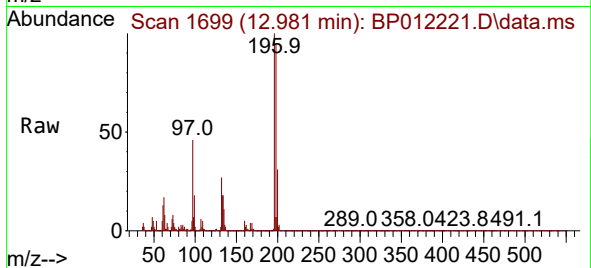
200 31.4 24.6 36.8



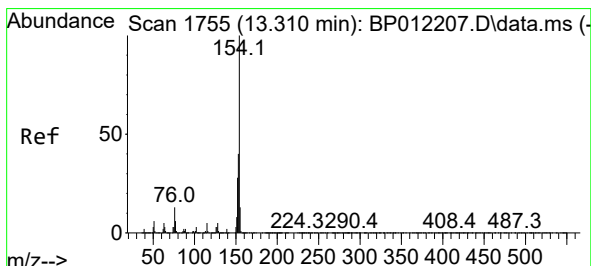
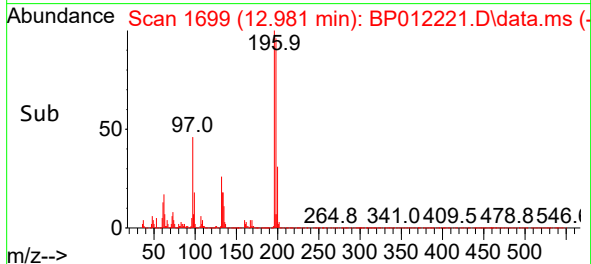
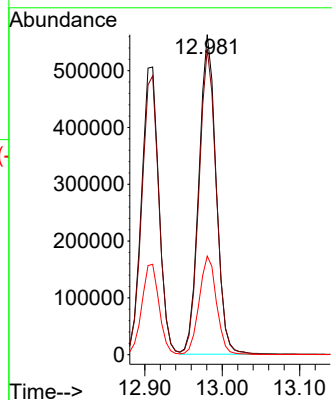


#42
2,4,5-Trichlorophenol
Concen: 34.780 ng/ul
RT: 12.981 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Instrument :
BNA_P
ClientSampleId :

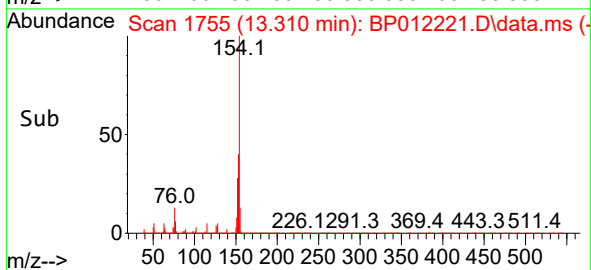
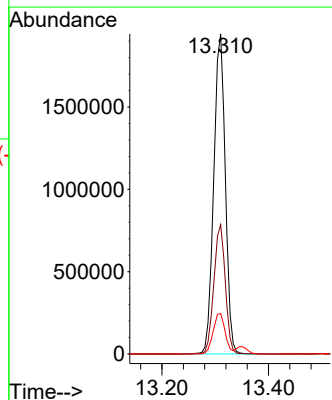
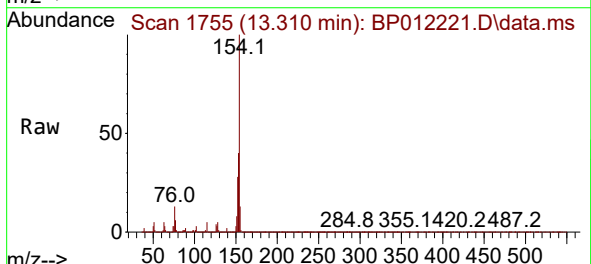


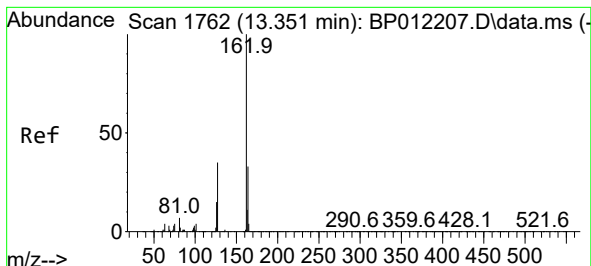
Tgt Ion:196 Resp: 867938
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 30.8 24.7 37.1



#43
1,1'-Biphenyl
Concen: 33.796 ng/ul
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:154 Resp: 2932207
Ion Ratio Lower Upper
154 100
153 40.4 31.5 47.3
76 12.7 11.0 16.4





#44

2-Chloronaphthalene

Concen: 32.056 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

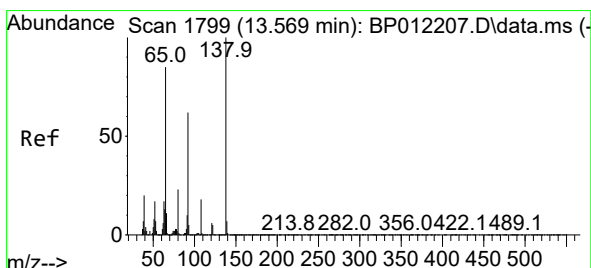
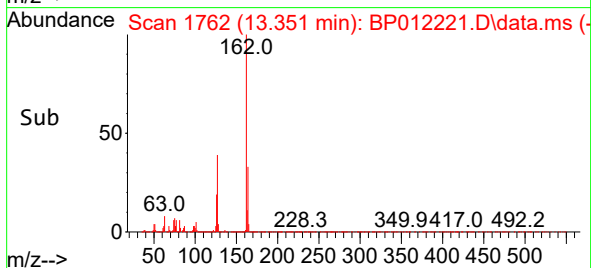
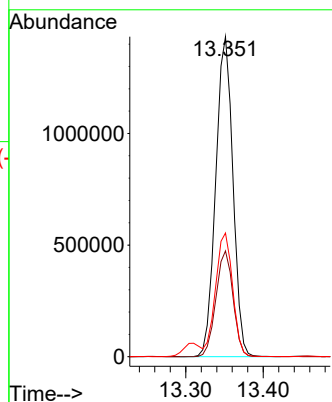
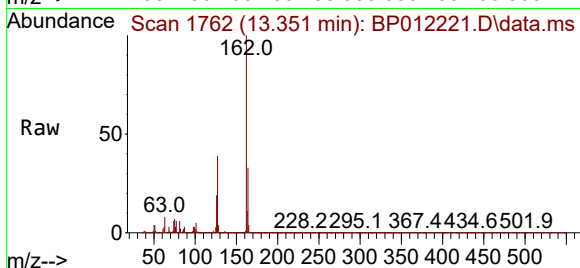
Tgt Ion:162 Resp: 2205015

Ion Ratio Lower Upper

162 100

164 33.0 26.1 39.1

127 38.7 30.8 46.2



#45

2-Nitroaniline

Concen: 34.392 ng/ul

RT: 13.563 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

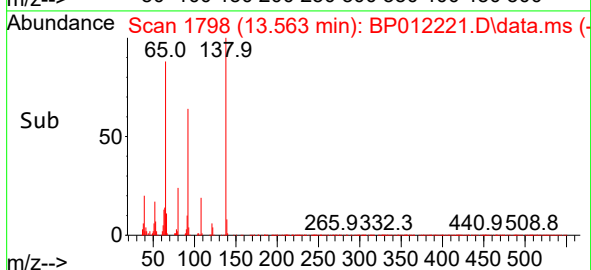
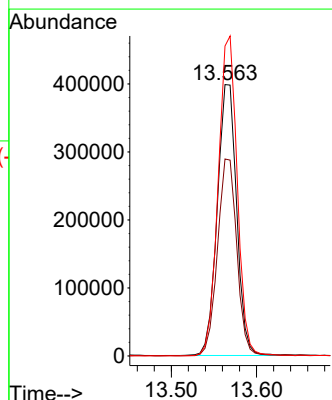
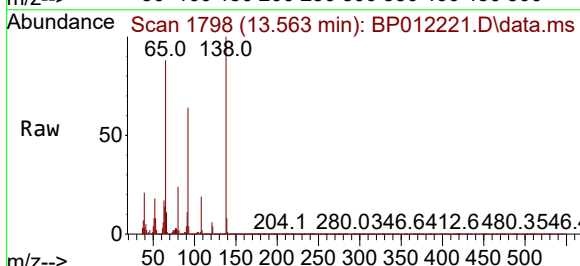
Tgt Ion: 65 Resp: 628928

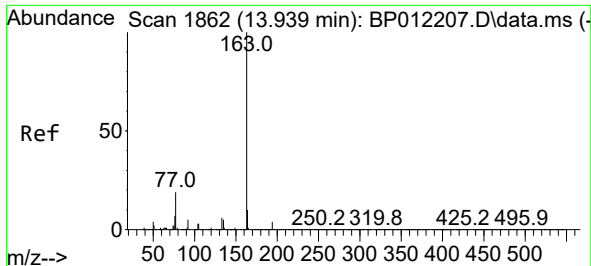
Ion Ratio Lower Upper

65 100

92 72.6 57.5 86.3

138 114.2 92.5 138.7

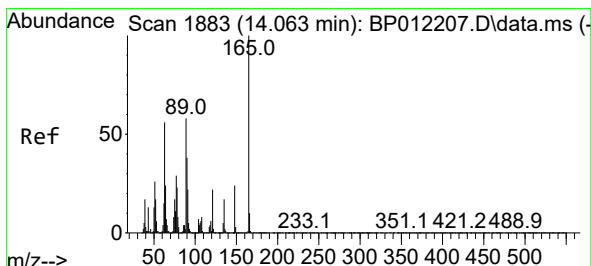
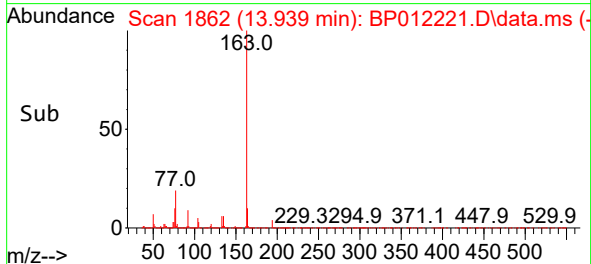
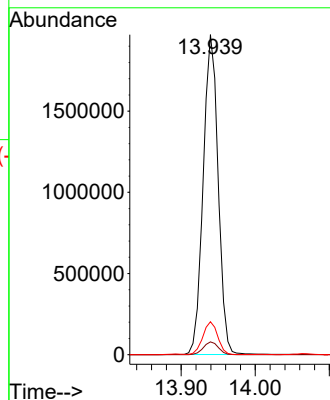
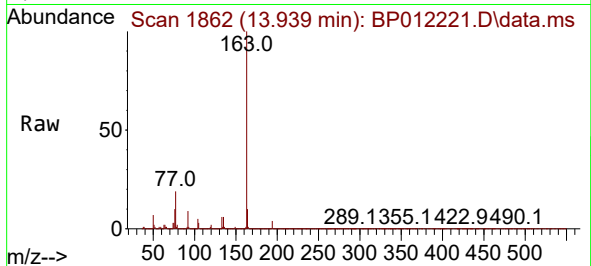




#47
Dimethylphthalate
Concen: 32.427 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

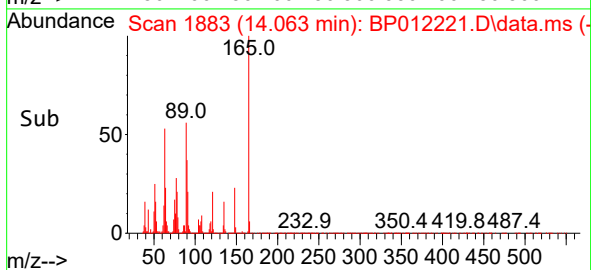
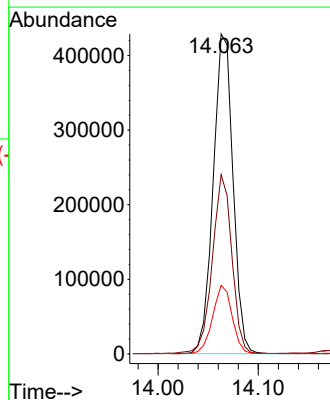
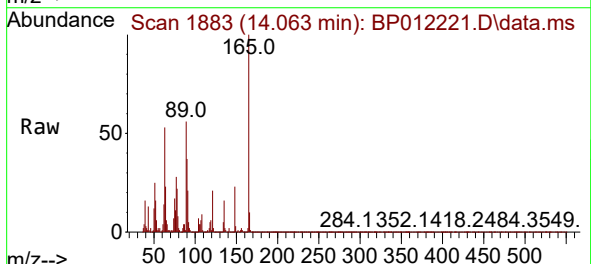
Instrument :
BNA_P
ClientSampleId :

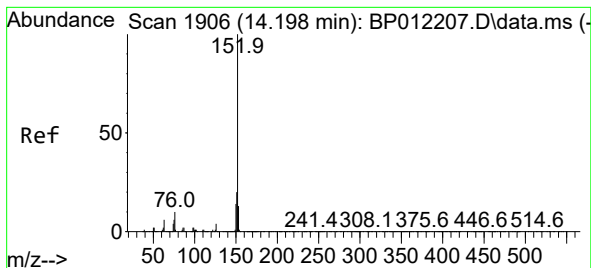
Tgt Ion:163 Resp: 2757322
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.106 ng/ul
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:165 Resp: 587469
Ion Ratio Lower Upper
165 100
89 56.1 43.9 65.9
121 21.4 17.1 25.7





#50

Acenaphthylene

Concen: 39.953 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

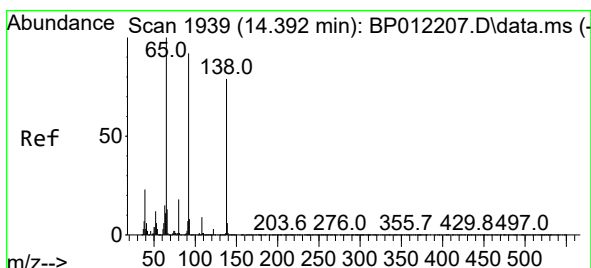
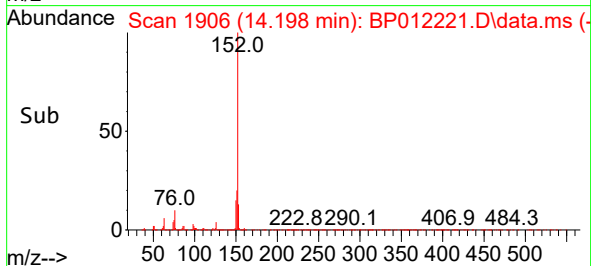
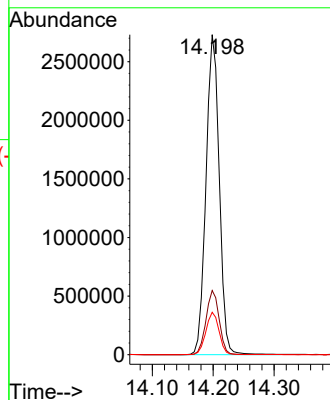
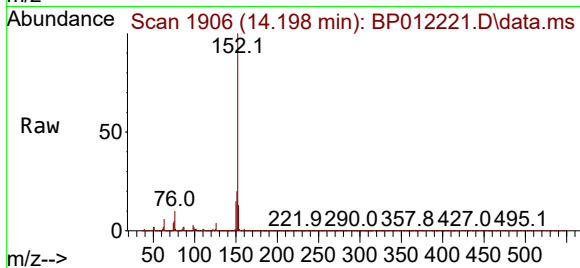
Tgt Ion:152 Resp: 4123378

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.3 10.6 16.0



#51

3-Nitroaniline

Concen: 29.524 ng/ul

RT: 14.392 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

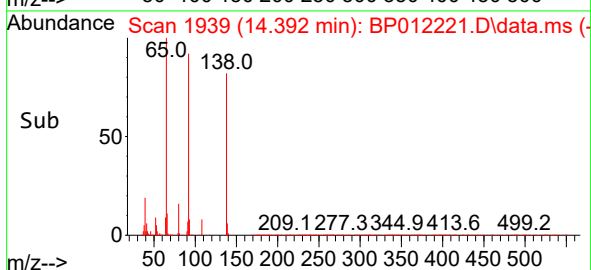
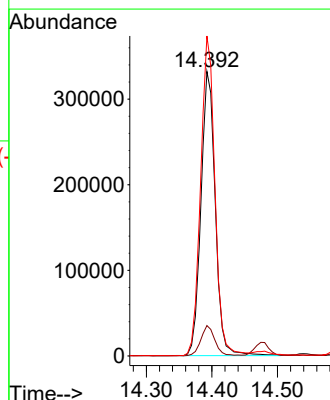
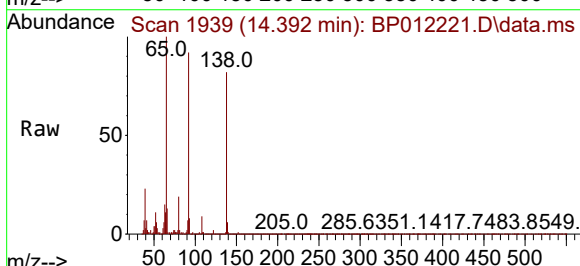
Tgt Ion:138 Resp: 507058

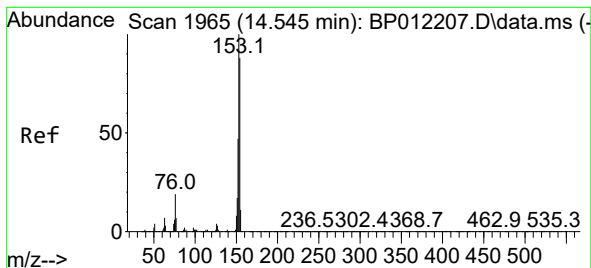
Ion Ratio Lower Upper

138 100

108 10.7 8.2 12.2

92 112.5 93.1 139.7





#52

Acenaphthene

Concen: 35.738 ng/ul

RT: 14.539 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

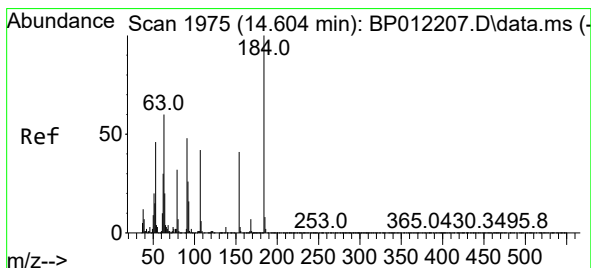
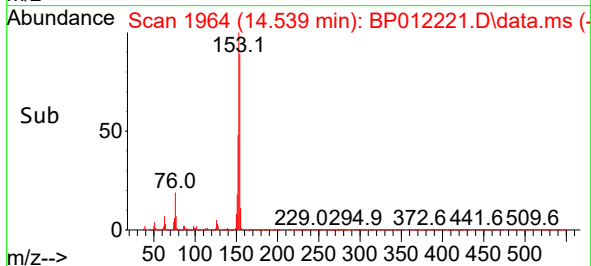
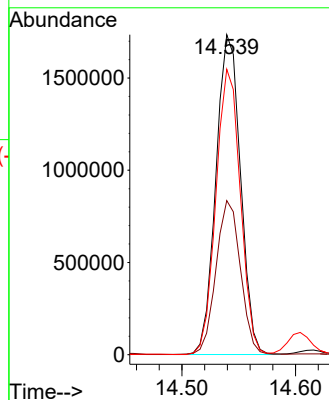
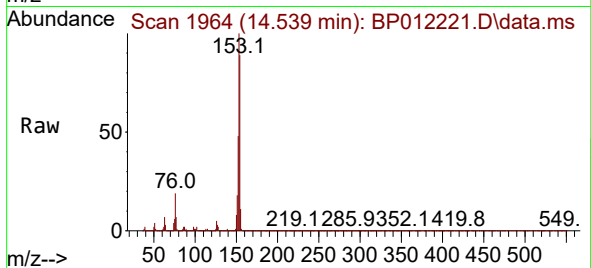
Tgt Ion:153 Resp: 2608475

Ion Ratio Lower Upper

153 100

152 48.2 38.1 57.1

154 89.2 71.4 107.2



#53

2,4-Dinitrophenol

Concen: 29.353 ng/ul

RT: 14.604 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

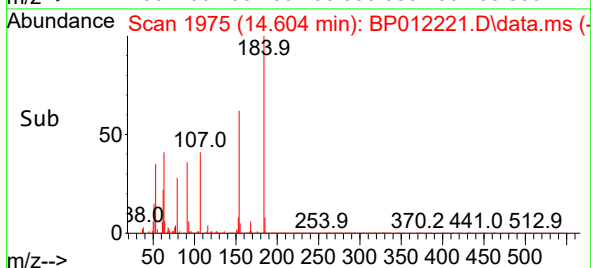
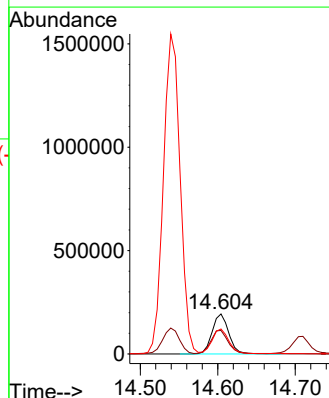
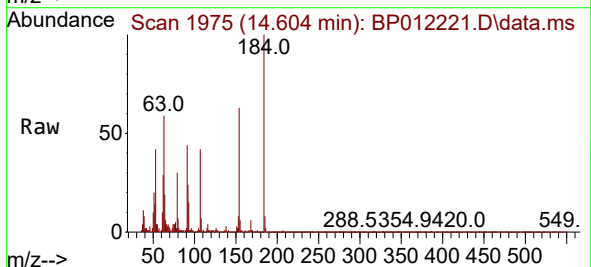
Tgt Ion:184 Resp: 286775

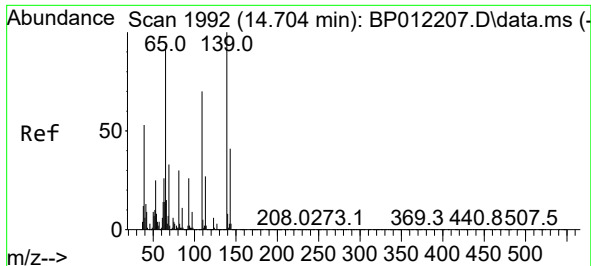
Ion Ratio Lower Upper

184 100

63 59.0 51.1 76.7

154 62.5 47.2 70.8

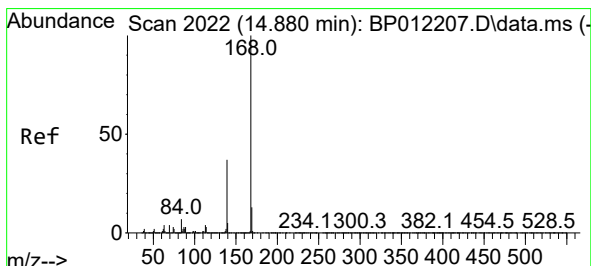
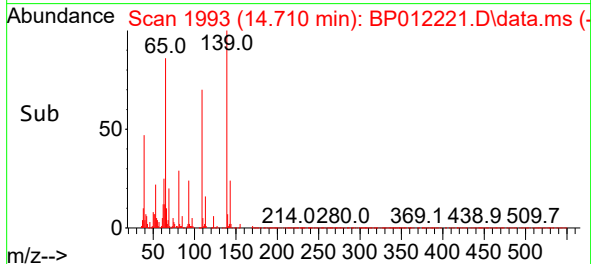
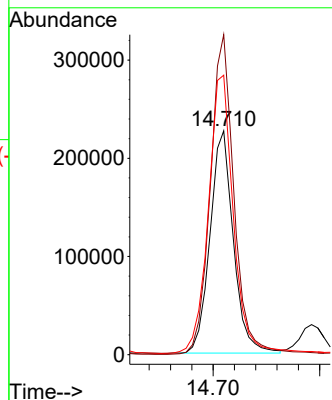
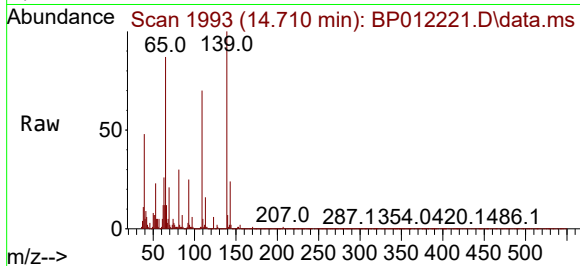




#55
4-Nitrophenol
Concen: 30.443 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

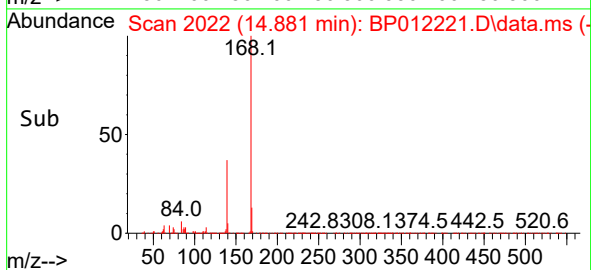
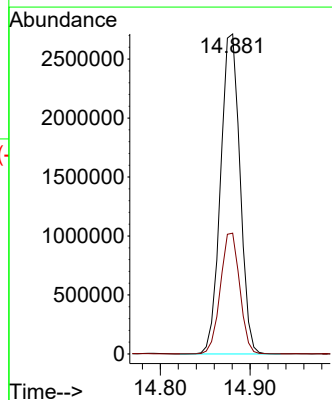
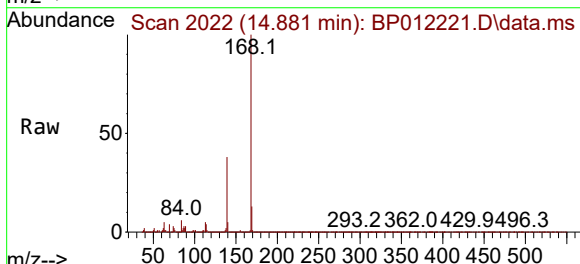
Instrument :
BNA_P
ClientSampleId :

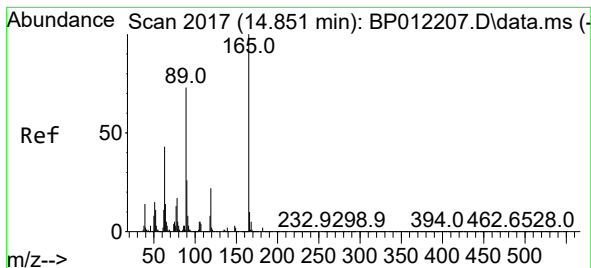
Tgt Ion:109 Resp: 343847
Ion Ratio Lower Upper
109 100
139 142.9 118.5 177.7
65 124.8 110.5 165.7



#56
Dibenzofuran
Concen: 40.748 ng/ul
RT: 14.881 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:168 Resp: 4071525
Ion Ratio Lower Upper
168 100
139 37.8 29.0 43.4

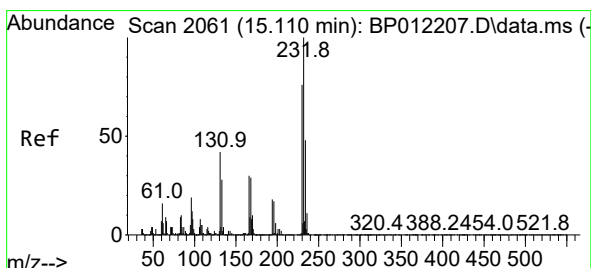
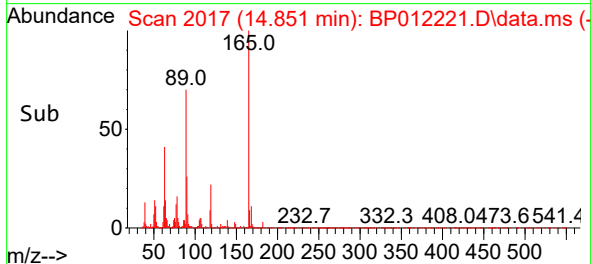
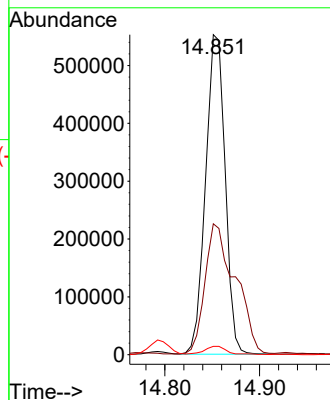
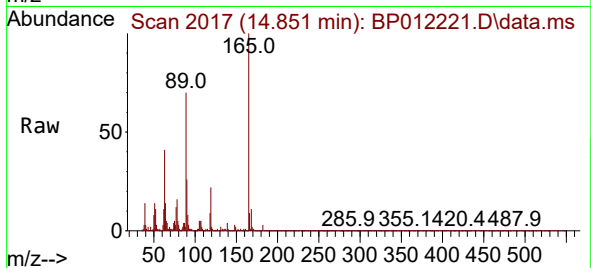




#57
2,4-Dinitrotoluene
Concen: 34.131 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

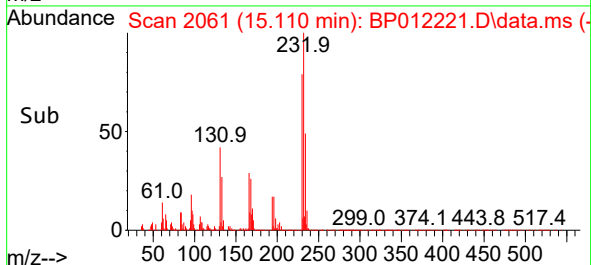
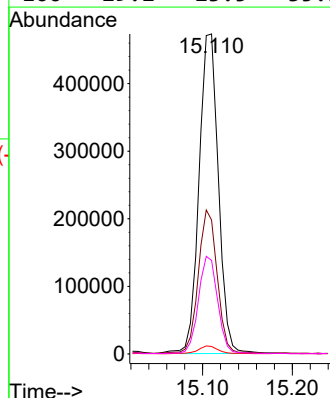
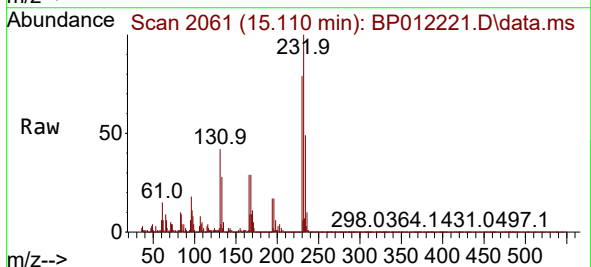
Instrument :
BNA_P
ClientSampleId :

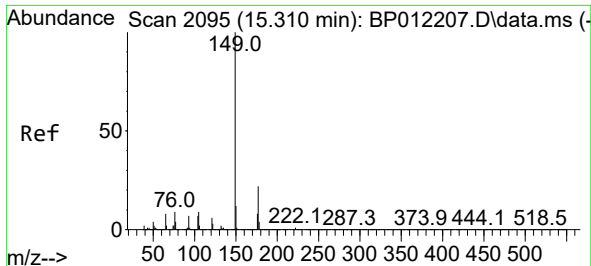
Tgt Ion:165 Resp: 792538
Ion Ratio Lower Upper
165 100
63 40.9 34.1 51.1
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.416 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:232 Resp: 704976
Ion Ratio Lower Upper
232 100
131 41.9 35.0 52.4
130 2.3 1.8 2.8
166 29.2 23.5 35.3

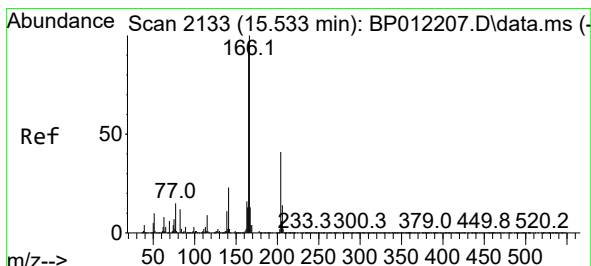
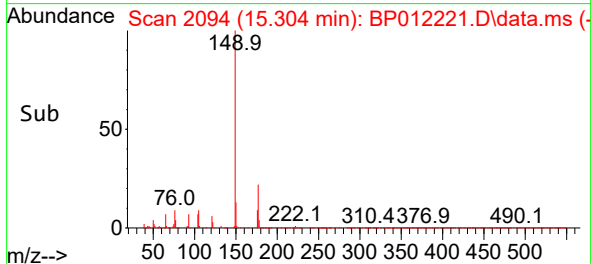
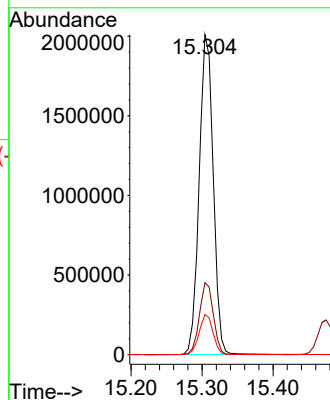
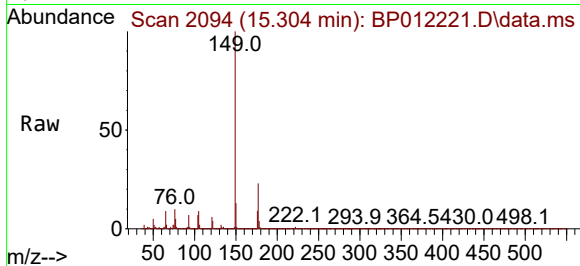




#59
Diethylphthalate
Concen: 33.164 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

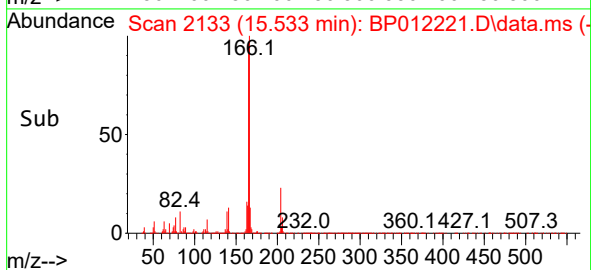
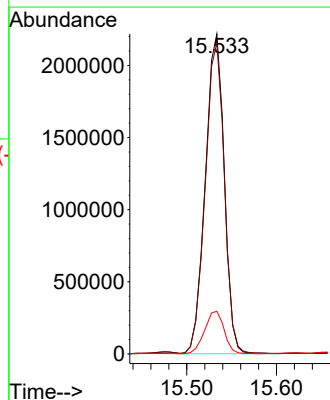
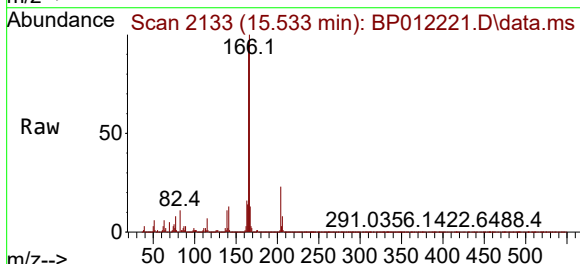
Instrument :
BNA_P
ClientSampleId :

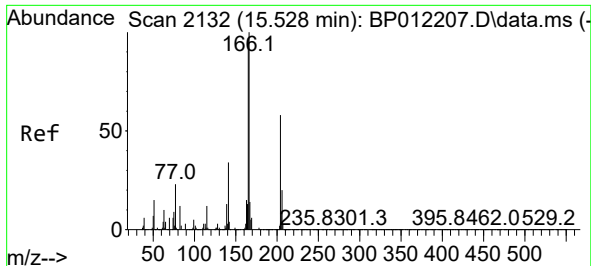
Tgt Ion:149 Resp: 2771642
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.6 10.1 15.1



#61
Fluorene
Concen: 40.969 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:166 Resp: 3243162
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.3 10.7 16.1

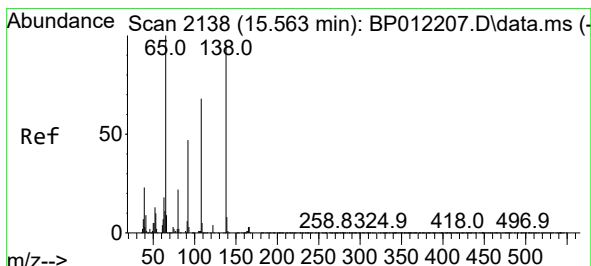
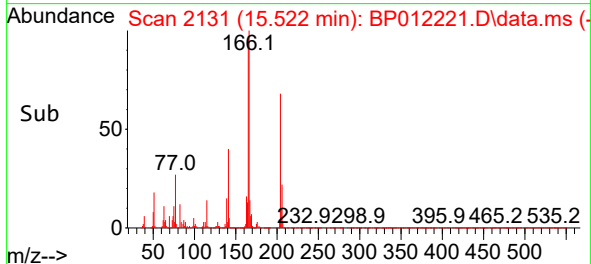
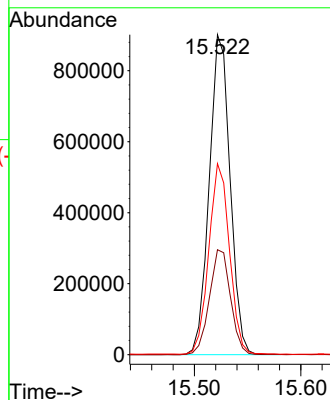
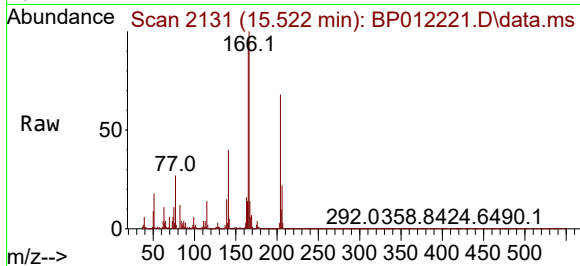




#62
4-Chlorophenyl-phenylether
Concen: 31.065 ng/ul
RT: 15.522 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

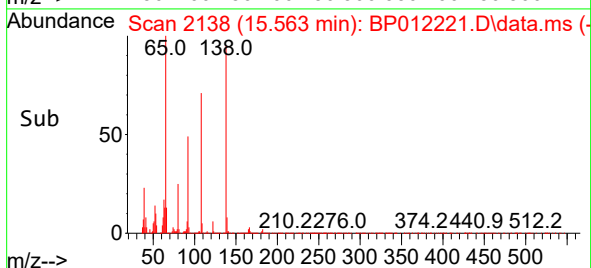
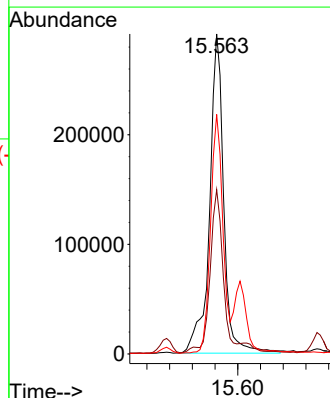
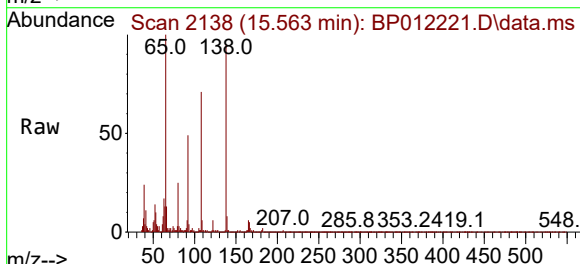
Instrument :
BNA_P
ClientSampleId :

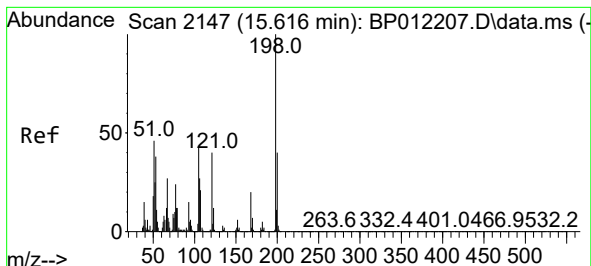
Tgt Ion:204 Resp: 1225515
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 59.7 45.3 67.9



#63
4-Nitroaniline
Concen: 31.176 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:138 Resp: 502631
Ion Ratio Lower Upper
138 100
92 51.4 41.6 62.4
108 74.8 57.0 85.6

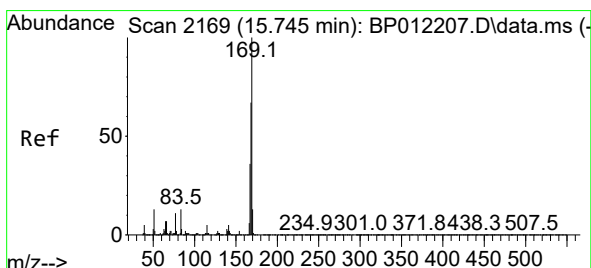
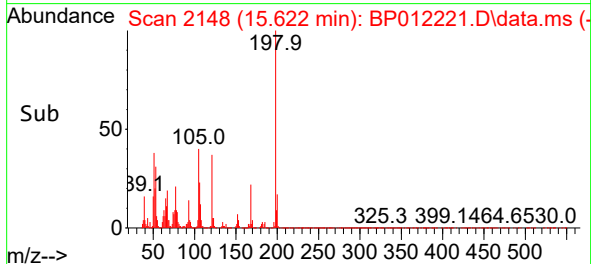
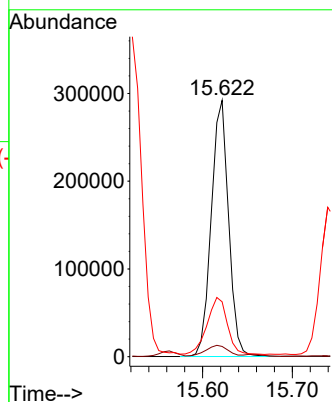
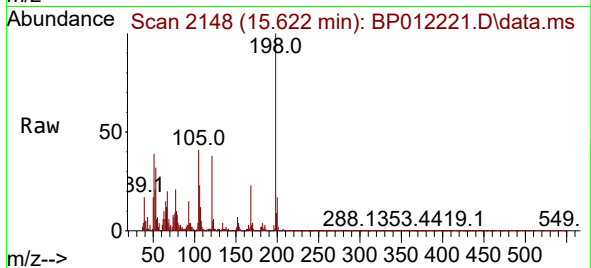




#66
4,6-Dinitro-2-methylphenol
Concen: 31.054 ng/ul
RT: 15.622 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

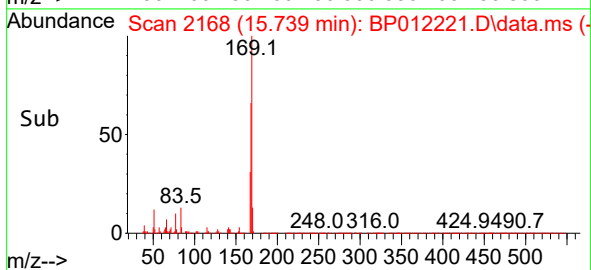
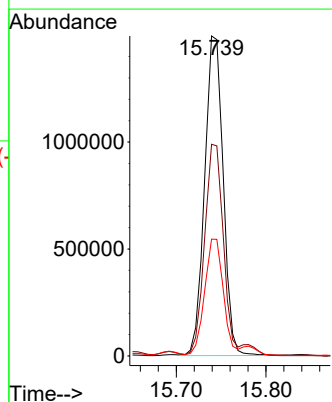
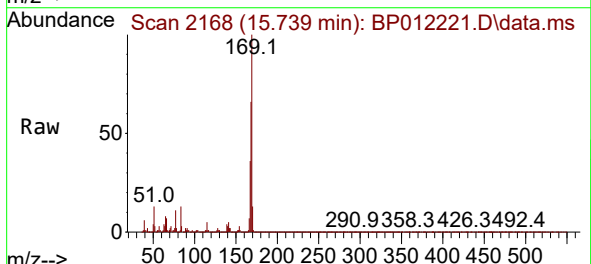
Instrument :
BNA_P
ClientSampleId :

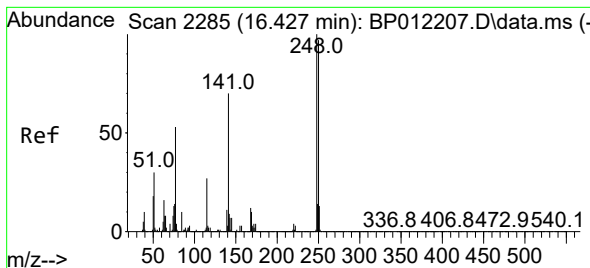
Tgt Ion:198 Resp: 392077
Ion Ratio Lower Upper
198 100
182 4.0 3.8 5.6
77 21.4 17.8 26.6



#67
N-Nitrosodiphenylamine
Concen: 35.046 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

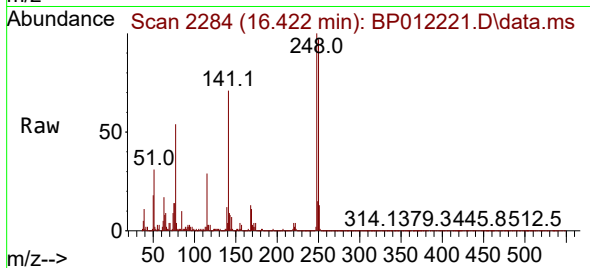
Tgt Ion:169 Resp: 2150460
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.5 29.2 43.8



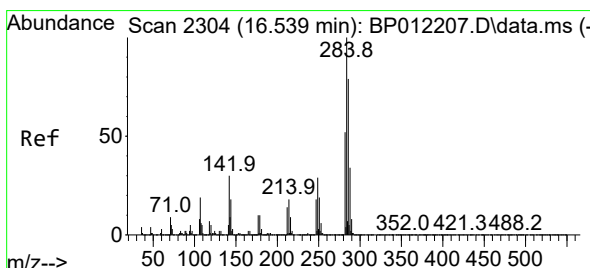
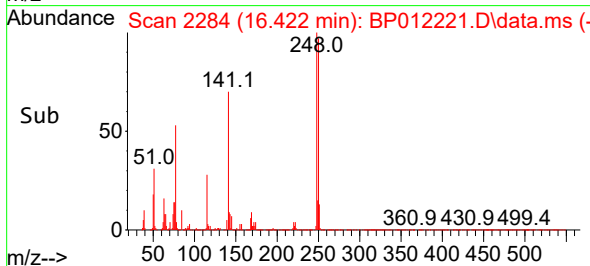
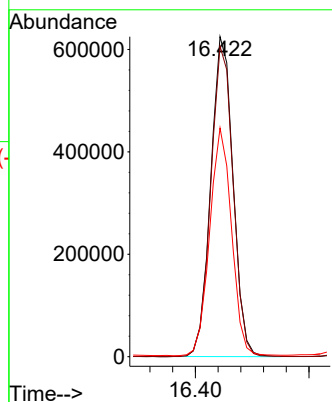


#68
4-Bromophenyl-phenylether
Concen: 37.983 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Instrument :
BNA_P
ClientSampleId :

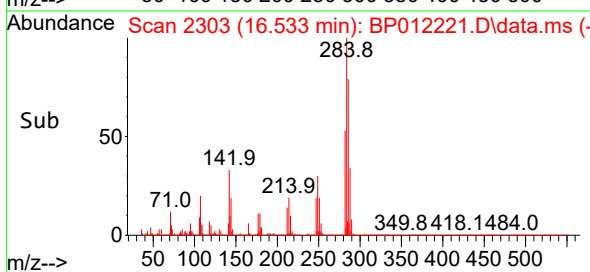
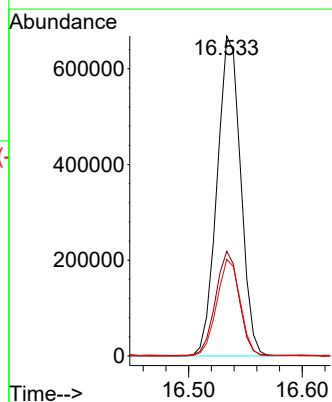
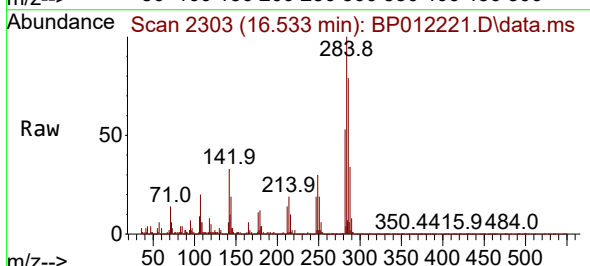


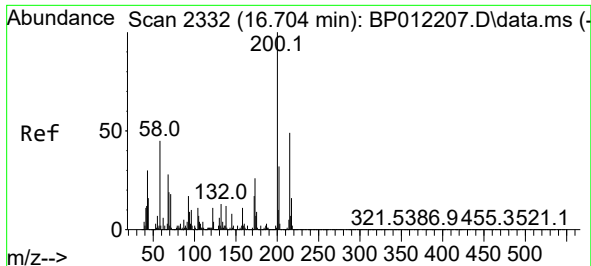
Tgt Ion:248 Resp: 850204
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 71.4 55.1 82.7



#69
Hexachlorobenzene
Concen: 36.598 ng/ul
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:284 Resp: 965656
Ion Ratio Lower Upper
284 100
142 32.8 25.5 38.3
249 30.2 23.6 35.4

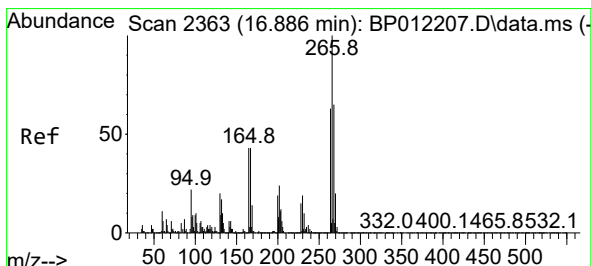
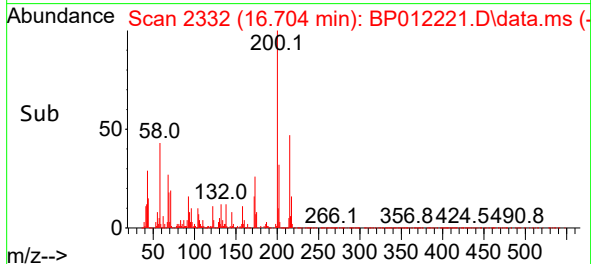
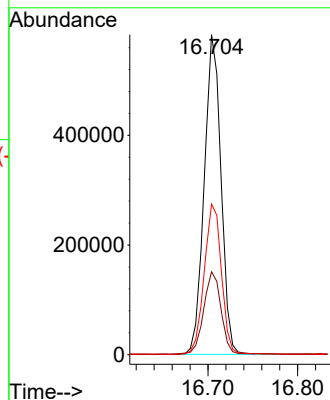
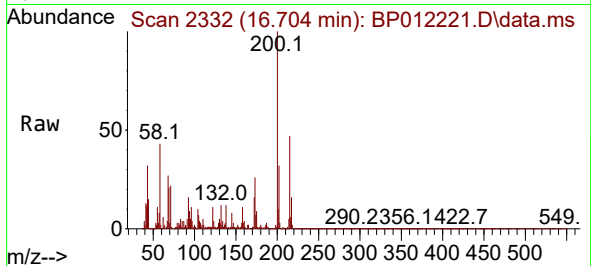




#70
Atrazine
Concen: 35.345 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

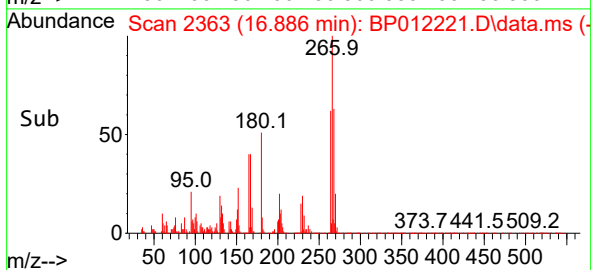
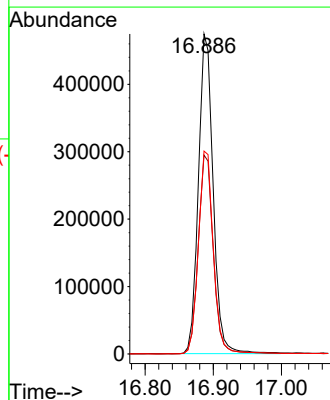
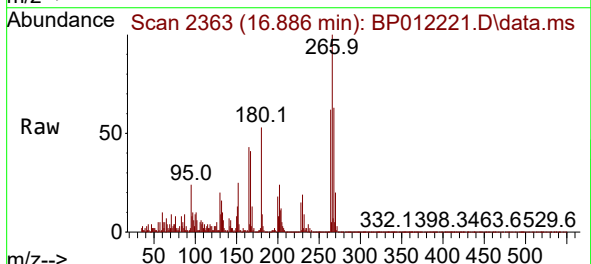
Instrument :
BNA_P
ClientSampleId :

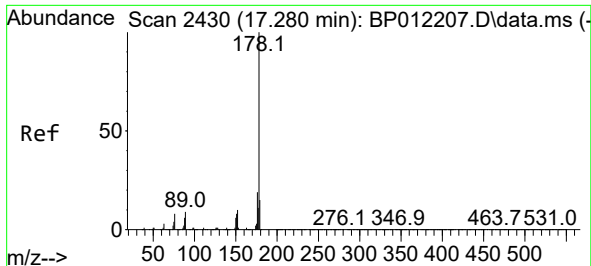
Tgt Ion:200 Resp: 757124
Ion Ratio Lower Upper
200 100
173 25.9 21.4 32.0
215 47.1 38.2 57.2



#71
Pentachlorophenol
Concen: 44.824 ng/ul
RT: 16.886 min Scan# 2363
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

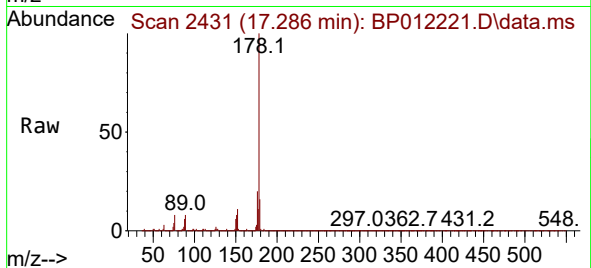
Tgt Ion:266 Resp: 713909
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 63.4 50.6 76.0



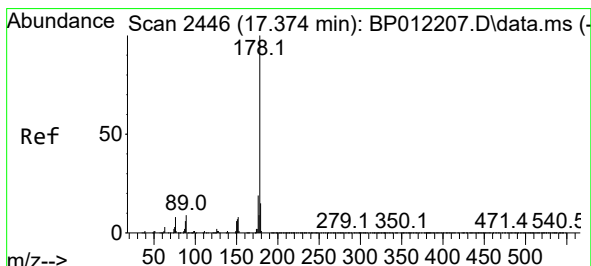
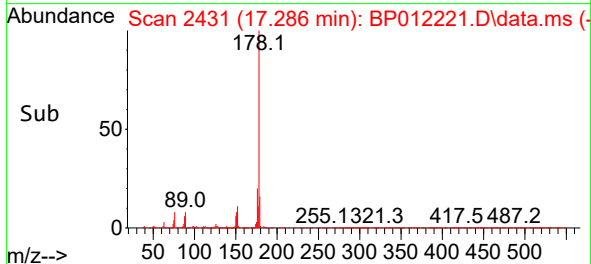
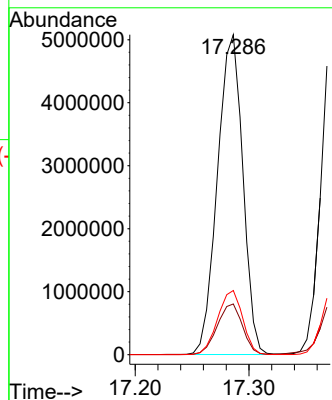


#72
Phenanthrene
Concen: 69.322 ng/ul
RT: 17.286 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Instrument :
BNA_P
ClientSampleId :

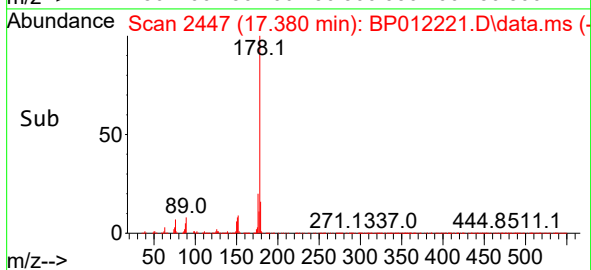
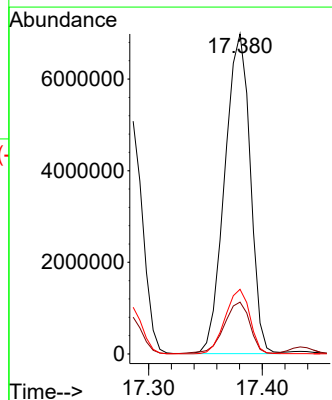
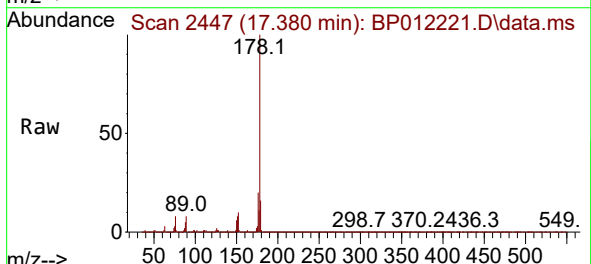


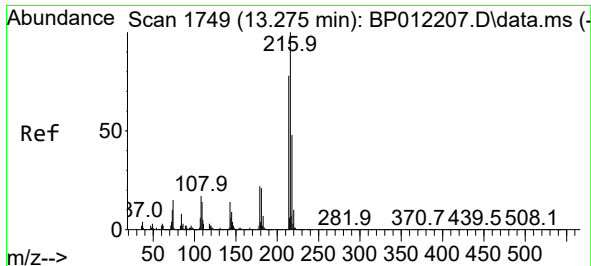
Tgt Ion:178 Resp: 7876810
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 20.0 15.6 23.4



#74
Anthracene
Concen: 96.731 ng/ul
RT: 17.380 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:178 Resp:10874921
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 20.2 15.0 22.4

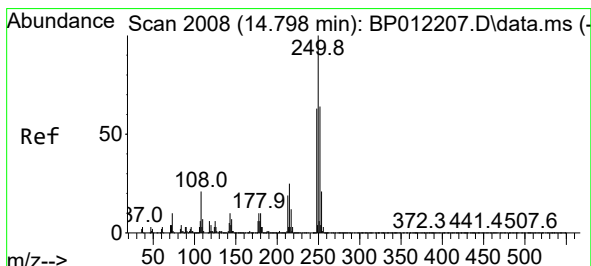
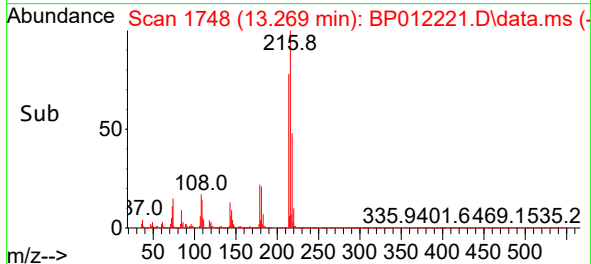
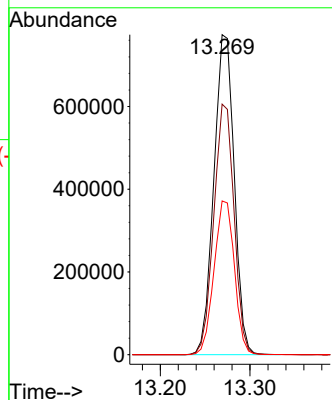
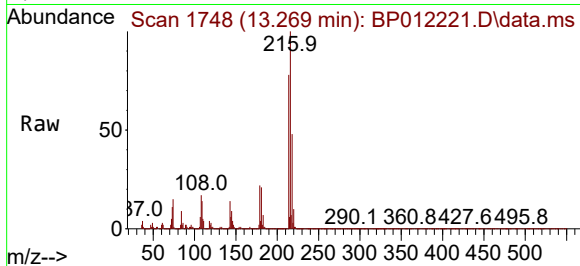




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.619 ng/uL
RT: 13.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

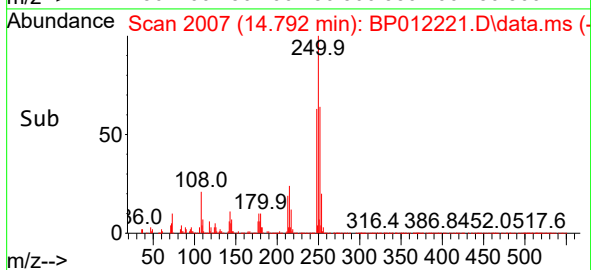
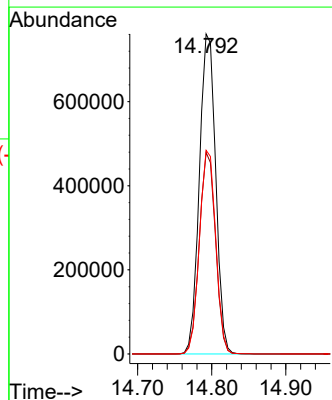
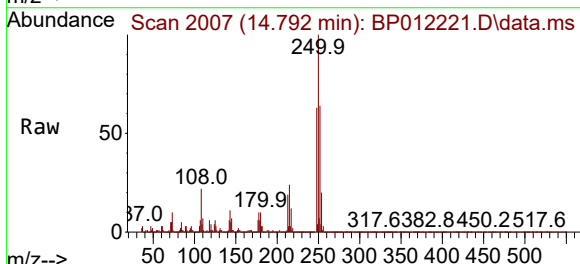
Instrument :
BNA_P
ClientSampleId :

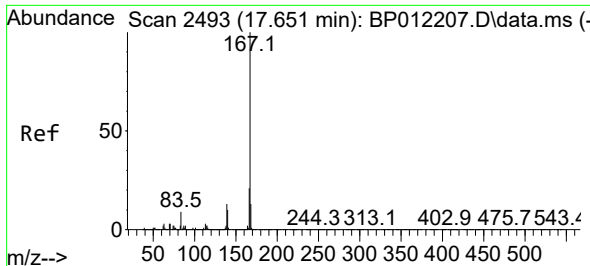
Tgt Ion:216 Resp: 1218329
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
218 48.1 38.6 57.8



#76
Pentachlorobenzene
Concen: 34.982 ng/uL
RT: 14.792 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

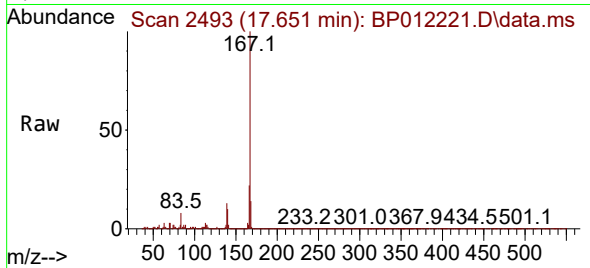
Tgt Ion:250 Resp: 1162461
Ion Ratio Lower Upper
250 100
248 62.9 50.3 75.5
252 63.6 52.0 78.0



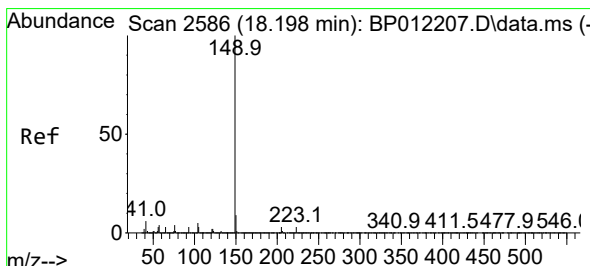
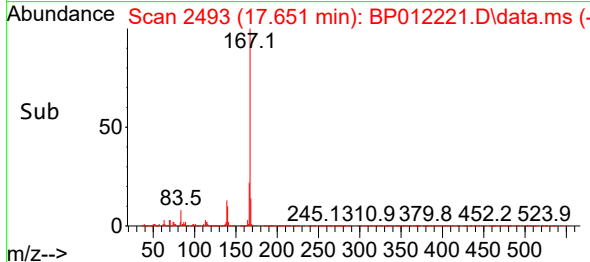
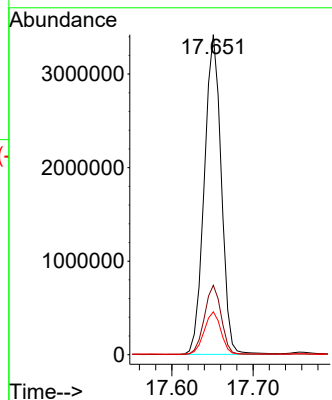


#77
 Carbazole
 Concen: 49.847 ng/ul
 RT: 17.651 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP012221.D
 Acq: 20 Oct 2022 19:23

Instrument :
 BNA_P
 ClientSampleId :

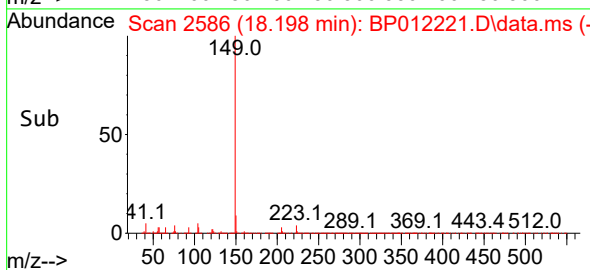
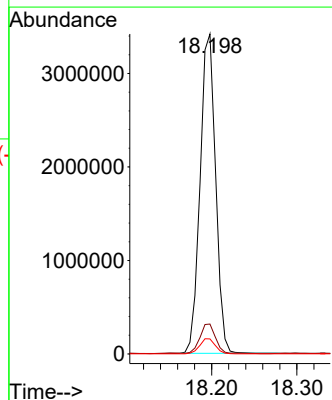
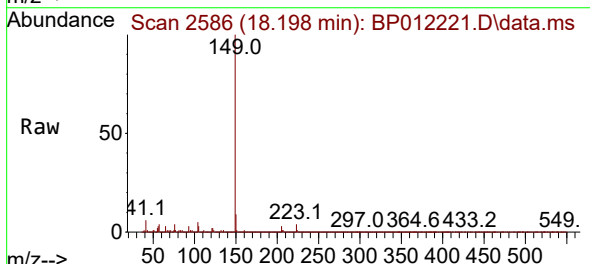


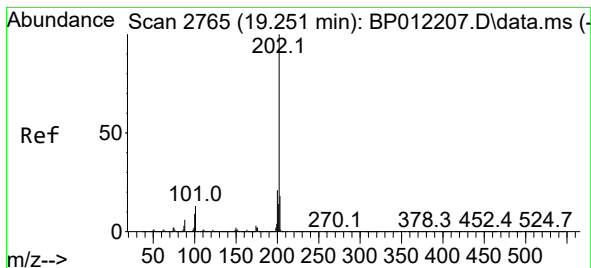
Tgt Ion:167 Resp: 4945849
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 36.323 ng/ul
 RT: 18.198 min Scan# 2586
 Delta R.T. -0.000 min
 Lab File: BP012221.D
 Acq: 20 Oct 2022 19:23

Tgt Ion:149 Resp: 4323320
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.7 3.8 5.6





#80

Fluoranthene

Concen: 2.313 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.147 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

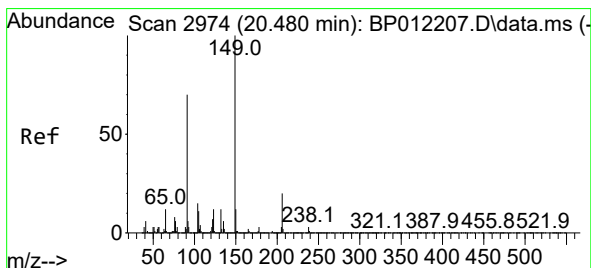
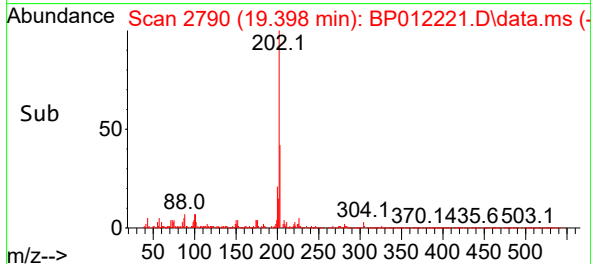
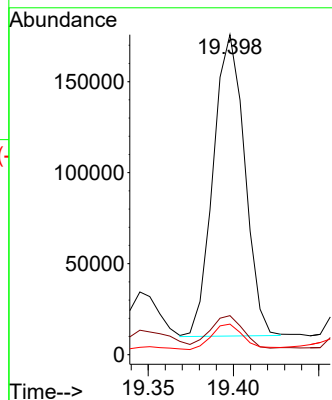
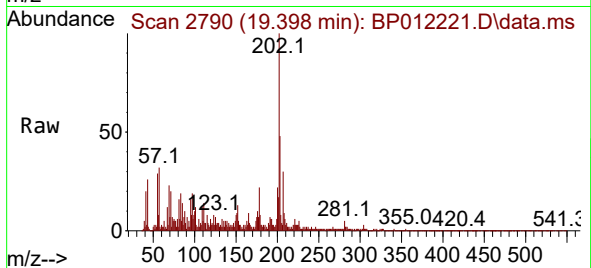
Tgt Ion:202 Resp: 212732

Ion Ratio Lower Upper

202 100

101 12.2 10.4 15.6

100 9.5 7.7 11.5



#83

Butylbenzylphthalate

Concen: 39.788 ng/ul

RT: 20.480 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

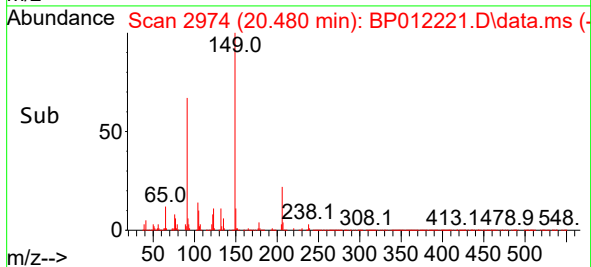
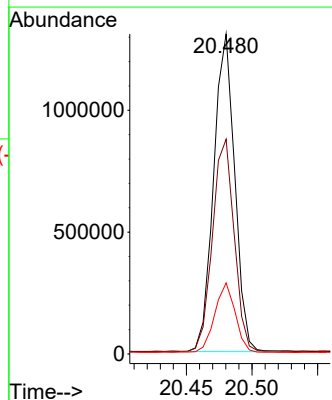
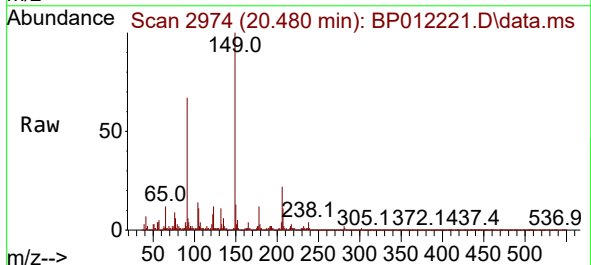
Tgt Ion:149 Resp: 1456067

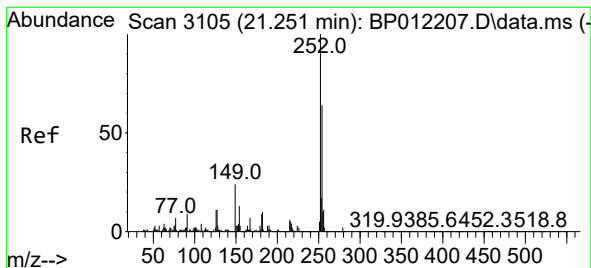
Ion Ratio Lower Upper

149 100

91 67.1 56.1 84.1

206 22.2 16.1 24.1





#84

3,3'-Dichlorobenzidine

Concen: 17.798 ng/ul

RT: 21.257 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

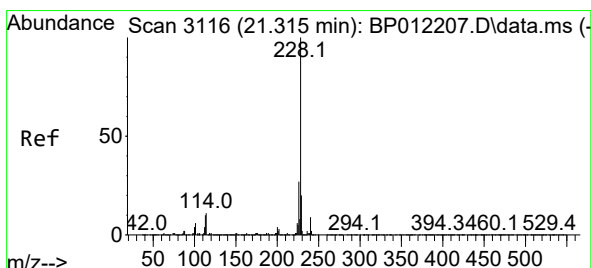
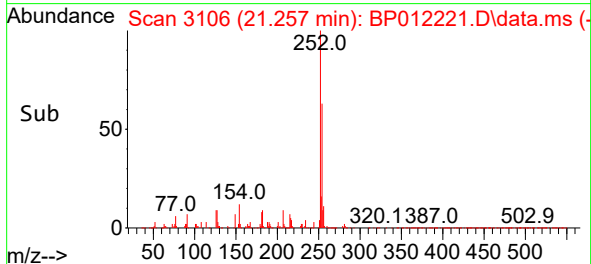
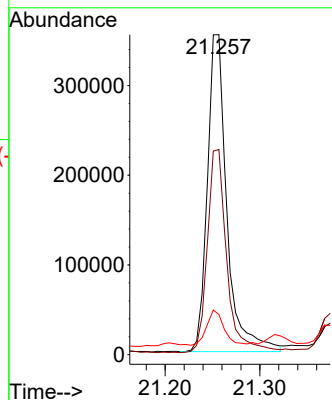
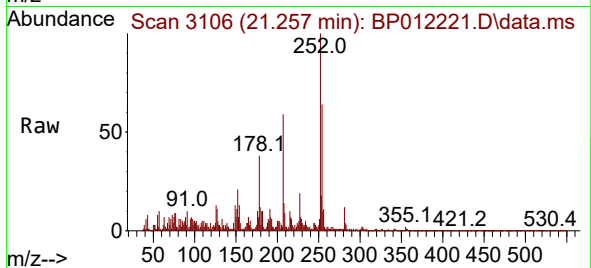
Tgt Ion:252 Resp: 506699

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 12.5 9.8 14.6



#85

Benzo(a)anthracene

Concen: 60.806 ng/ul

RT: 21.321 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

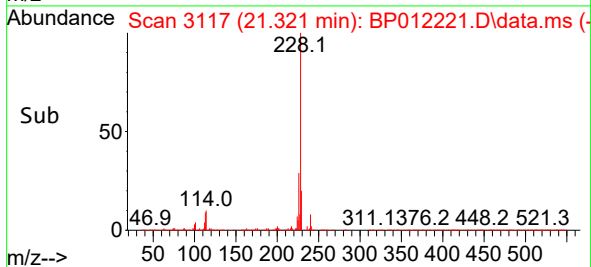
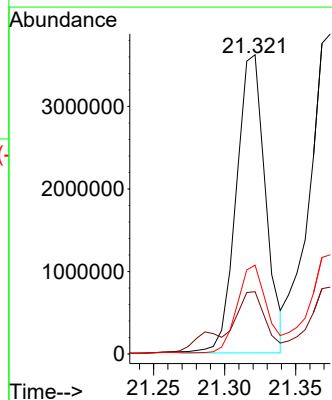
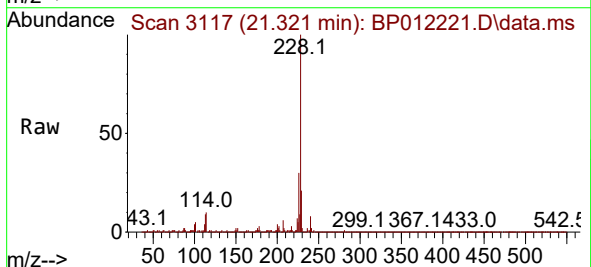
Tgt Ion:228 Resp: 5180319

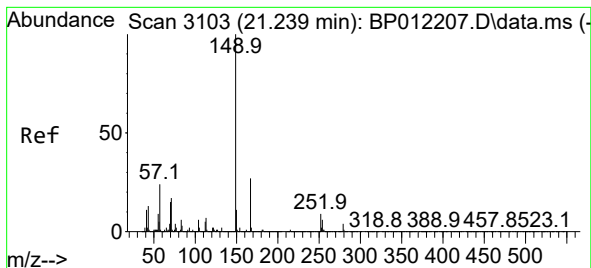
Ion Ratio Lower Upper

228 100

229 20.8 16.1 24.1

226 29.7 21.9 32.9

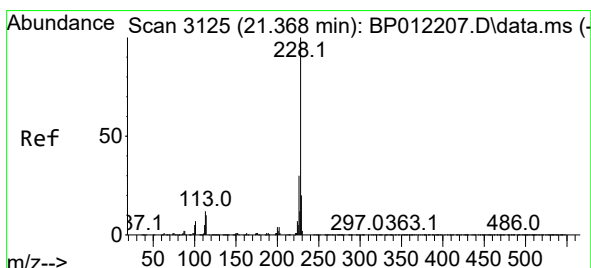
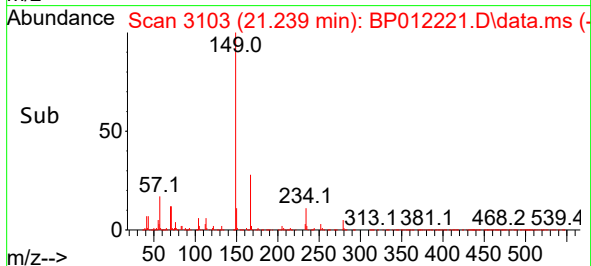
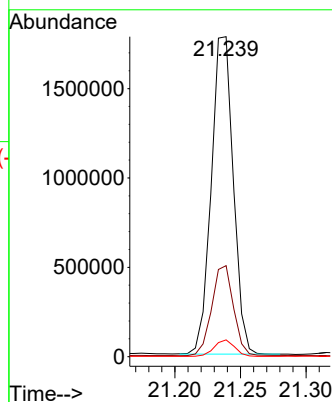
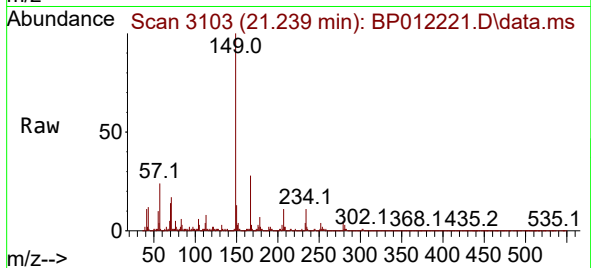




#86
Bis(2-ethylhexyl)phthalate
Concen: 40.496 ng/ul
RT: 21.239 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

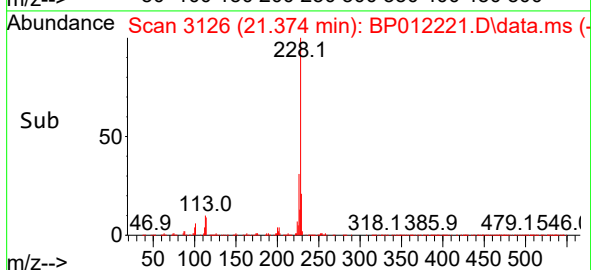
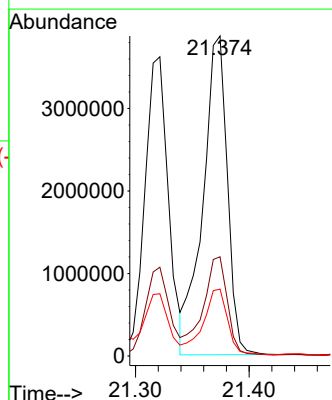
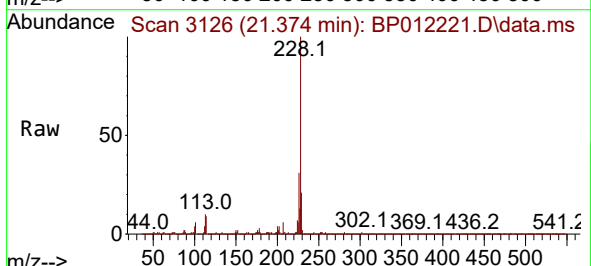
Instrument :
BNA_P
ClientSampleId :

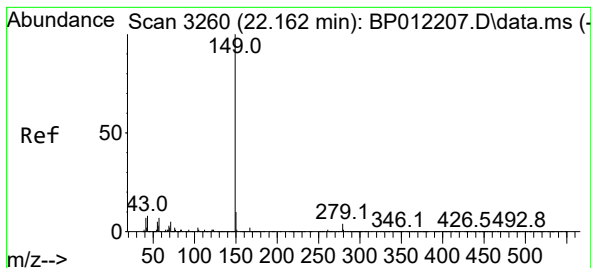
Tgt Ion:149 Resp: 2076307
Ion Ratio Lower Upper
149 100
167 28.4 21.6 32.4
279 5.2 3.4 5.0#



#87
Chrysene
Concen: 72.714 ng/ul
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BP012221.D
Acq: 20 Oct 2022 19:23

Tgt Ion:228 Resp: 5780832
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.9 15.8 23.8





#89

Di-n-octyl phthalate

Concen: 30.660 ng/ul

RT: 22.163 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP012221.D

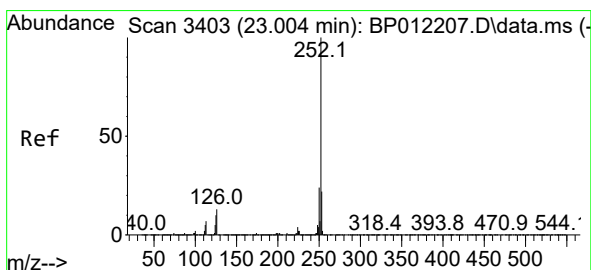
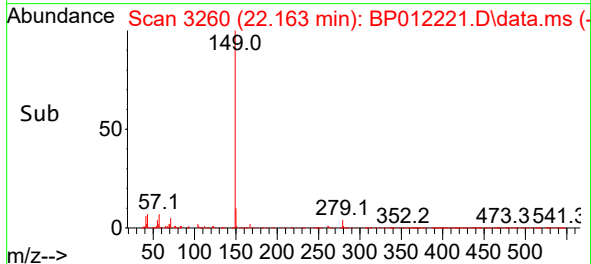
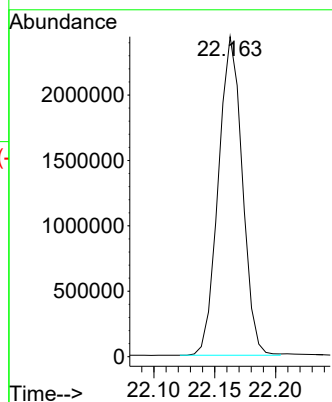
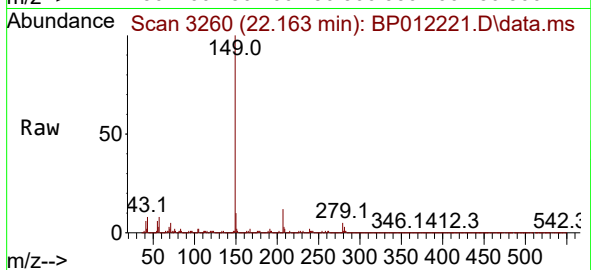
Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 3329320



#90

Benzo(b)fluoranthene

Concen: 87.518 ng/ul

RT: 23.015 min Scan# 3405

Delta R.T. 0.012 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

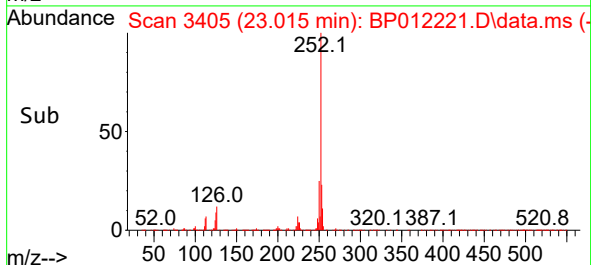
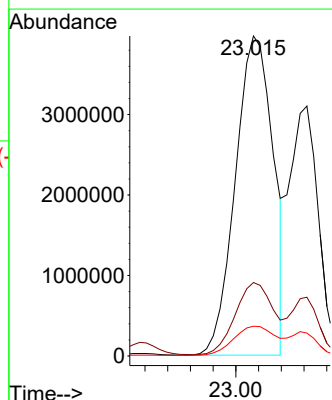
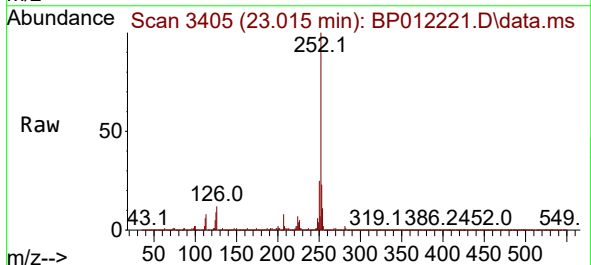
Tgt Ion:252 Resp: 9156813

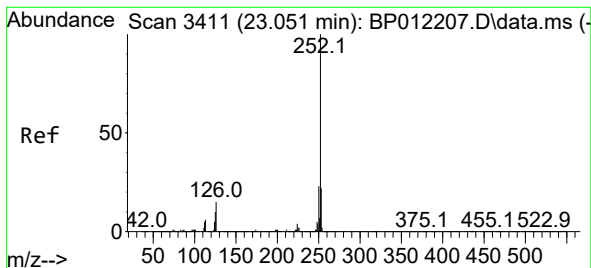
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 9.3 8.5 12.7





#91

Benzo(k)fluoranthene

Concen: 52.379 ng/ul

RT: 23.062 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

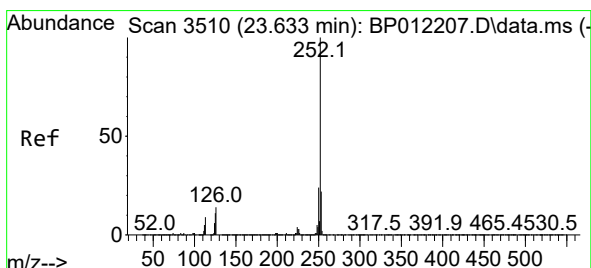
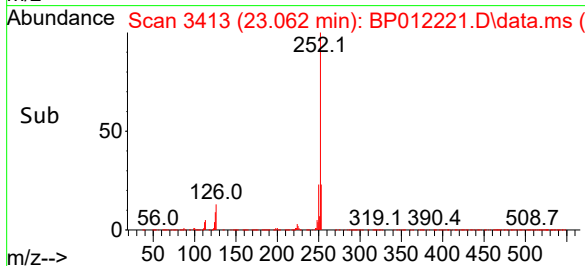
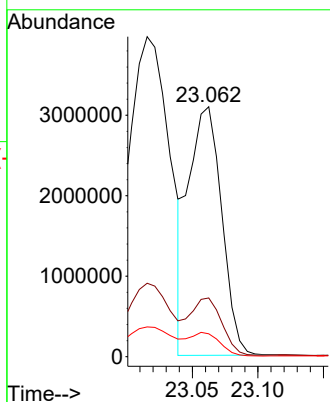
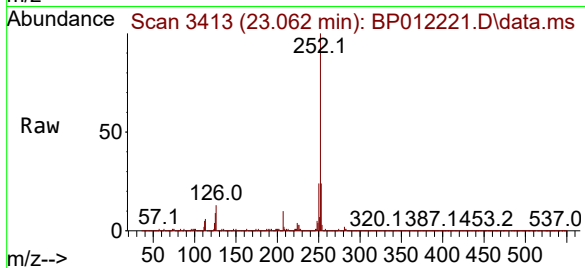
Tgt Ion:252 Resp: 5402006

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 9.2 8.6 13.0



#93

Benzo(a)pyrene

Concen: 65.114 ng/ul

RT: 23.645 min Scan# 3512

Delta R.T. 0.012 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

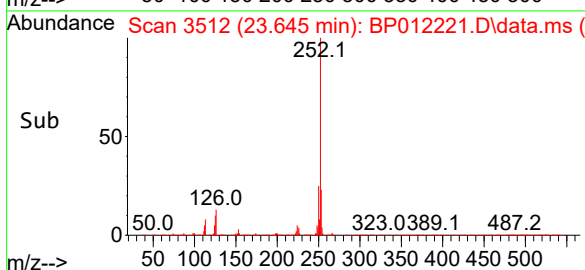
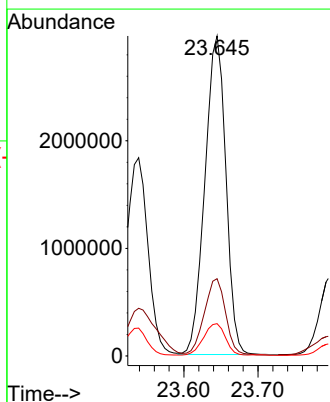
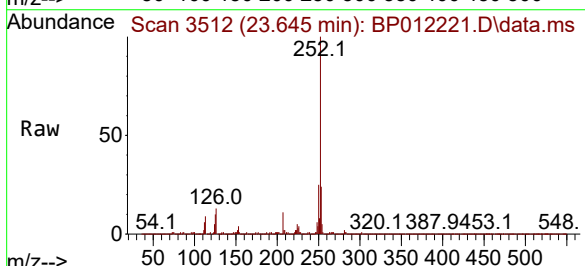
Tgt Ion:252 Resp: 5825766

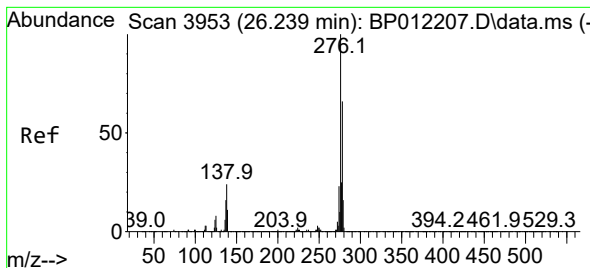
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 10.1 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 80.633 ng/ul

RT: 26.268 min Scan# 3958

Delta R.T. 0.024 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :

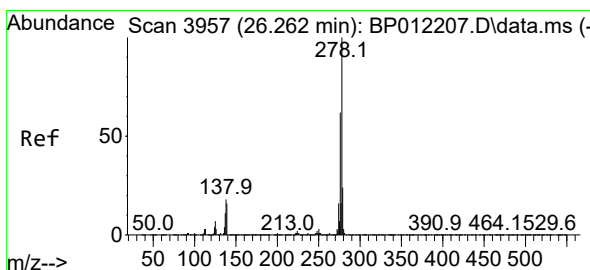
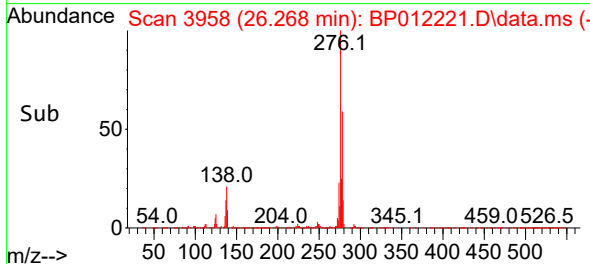
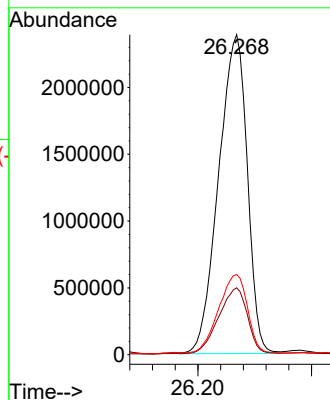
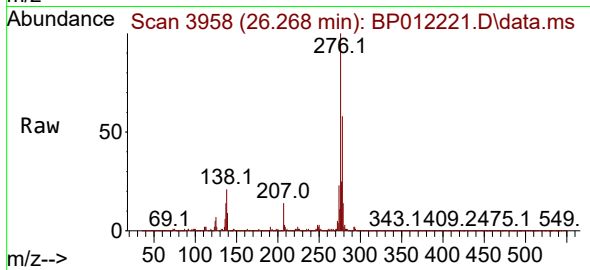
Tgt Ion:276 Resp: 8351428

Ion Ratio Lower Upper

276 100

138 20.9 20.3 30.5

277 25.1 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 46.648 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. 0.012 min

Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

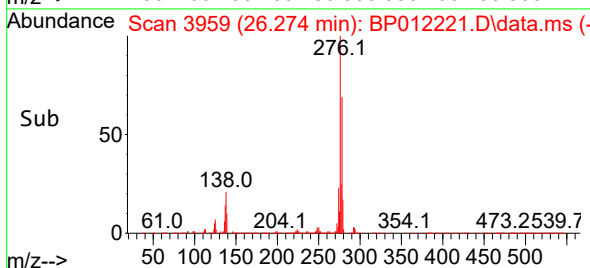
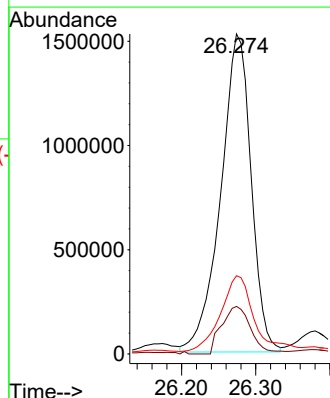
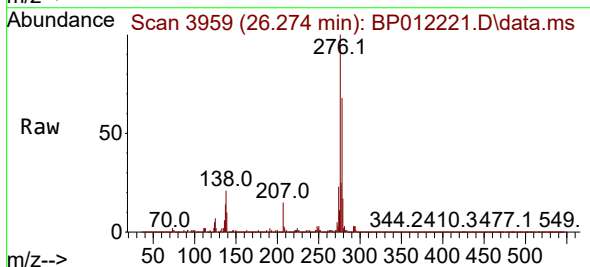
Tgt Ion:278 Resp: 4355755

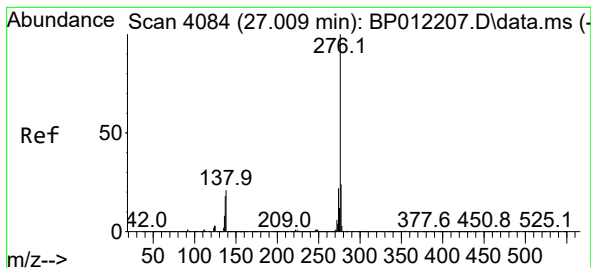
Ion Ratio Lower Upper

278 100

139 14.8 12.9 19.3

279 24.5 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 72.627 ng/ul

RT: 27.045 min Scan# 4090

Delta R.T. 0.035 min

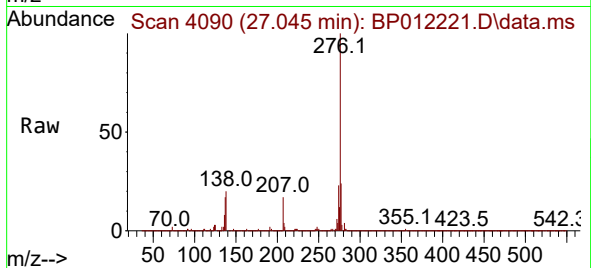
Lab File: BP012221.D

Acq: 20 Oct 2022 19:23

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 7062929

Ion Ratio Lower Upper

276 100

138 20.3 17.9 26.9

277 24.0 18.9 28.3

