

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
 Data File : BP016204.D
 Acq On : 13 Jul 2023 12:25
 Operator : MA/JU
 Sample : 03404-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW43MS

Quant Time: Jul 14 00:41:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	141759	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	670499	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	448030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1032143	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	1071572	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	1283976	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	16754	4.182	ng/uL	0.00
4) Pyridine-d5	3.734	84	183210	18.337	ng/u1	0.00
7) Phenol-d5	7.146	99	359997	28.115	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	226948	26.212	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	262061	28.352	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	289093	28.027	ng/u1	-0.01
21) Nitrobenzene-d5	9.152	128	131977	28.531	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	154041	29.218	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.440	165	283587	31.062	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.957	131	342508	23.406	ng/u1	-0.01
46) Dimethylphthalate-d6	14.028	166	937564	27.433	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1041431	27.806	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	81931	11.747	ng/u1	-0.05
60) Fluorene-d10	15.610	176	799815	27.963	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	153495	25.761	ng/u1	0.00
73) Anthracene-d10	17.486	188	1264509	28.008	ng/u1	0.00
81) Pyrene-d10	19.716	212	1587135	28.544	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1811650	29.381	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	50086	11.398	ng/uL#	91
5) Pyridine	3.752	79	300586	29.372	ng/u1	99
6) Benzaldehyde	7.122	77	236426	29.571	ng/u1	95
8) Phenol	7.175	94	467102	34.031	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	366989	32.877	ng/u1	98
12) 2-Chlorophenol	7.522	128	336618	35.100	ng/u1	98
13) 2-Methylphenol	8.428	108	349847	33.864	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	565250	31.202	ng/u1	99
16) Acetophenone	8.810	105	569807	33.500	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.781	70	321287	35.233	ng/u1	98
18) 4-Methylphenol	8.769	108	389949	34.517	ng/u1	99
19) Hexachloroethane	9.022	117	142961	32.698	ng/u1	95
22) Nitrobenzene	9.193	77	465196	34.613	ng/u1	99
23) Isophorone	9.710	82	916411	34.399	ng/u1	99
25) 2-Nitrophenol	9.910	139	203950	36.005	ng/u1	99
26) 2,4-Dimethylphenol	9.969	107	392904	31.542	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	548303	35.346	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	342377	36.471	ng/u1	99
30) Naphthalene	10.828	128	1170533	33.266	ng/u1	99
32) 4-Chloroaniline	10.981	127	393520	27.038	ng/u1	99
33) Hexachlorobutadiene	11.087	225	209694	32.888	ng/u1	98
34) Caprolactam	11.793	113	122239	35.968	ng/u1	91
35) 4-Chloro-3-methylphenol	12.110	107	418297	36.107	ng/u1	97
36) 2-Methylnaphthalene	12.445	142	793031	33.614	ng/u1	100

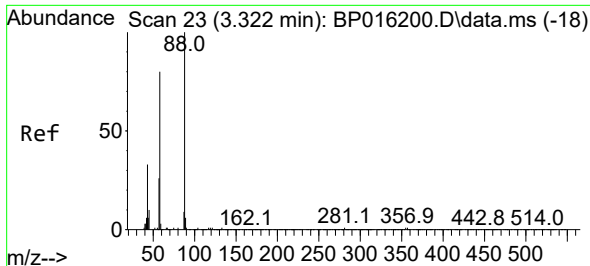
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	809838	33.377	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	426166	33.398	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	100408	20.044	ng/ul	95
41) 2,4,6-Trichlorophenol	13.075	196	272033	33.743	ng/ul	99
42) 2,4,5-Trichlorophenol	13.169	196	294741	34.388	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1105216	33.817	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	862469	33.589	ng/ul	99
45) 2-Nitroaniline	13.740	65	299564	35.799	ng/ul	98
47) Dimethylphthalate	14.075	163	1145381	33.182	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	231942	35.643	ng/ul	99
50) Acenaphthylene	14.340	152	1372136	31.897	ng/ul	100
51) 3-Nitroaniline	14.581	138	231015	34.959	ng/ul	91
52) Acenaphthene	14.681	153	957474	32.909	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	115797	25.424	ng/ul	98
55) 4-Nitrophenol	14.934	109	188369	35.489	ng/ul#	56
56) Dibenzofuran	15.022	168	1330116	33.564	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	342456	35.674	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.263	232	261824	33.660	ng/ul	99
59) Diethylphthalate	15.434	149	1198474	33.387	ng/ul	99
61) Fluorene	15.669	166	1101755	33.279	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	528049	32.979	ng/ul	99
63) 4-Nitroaniline	15.757	138	208663	34.381	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	193695	31.103	ng/ul	99
67) N-Nitrosodiphenylamine	15.881	169	936295	34.224	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	328048	33.444	ng/ul	97
69) Hexachlorobenzene	16.681	284	387166	32.776	ng/ul	99
70) Atrazine	16.845	200	251662	23.198	ng/ul	99
71) Pentachlorophenol	17.051	266	172871	29.184	ng/ul	97
72) Phenanthrene	17.422	178	1805134	33.566	ng/ul	99
74) Anthracene	17.522	178	1789364	33.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	442414	32.651	ng/ul	99
76) Pentachlorobenzene	14.939	250	1031698	80.664	ng/ul	99
77) Carbazole	17.810	167	1673400	33.964	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2202244	35.681	ng/ul	99
80) Fluoranthene	19.392	202	2228087	34.267	ng/ul	99
82) Pyrene	19.751	202	2330867	33.576	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1077478	35.989	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	821549	32.813	ng/ul	99
85) Benzo(a)anthracene	21.457	228	2342449	33.569	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1640347	36.676	ng/ul	100
87) Chrysene	21.516	228	2320043	32.820	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	2890467	35.940	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	2559964	34.904	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	2538346	34.009	ng/ul	99
93) Benzo(a)pyrene	23.863	252	2297475	31.621	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.609	276	3075165	34.181	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	2523658	34.389	ng/ul	98
96) Benzo(g,h,i)perylene	27.433	276	2491405	34.693	ng/ul	99

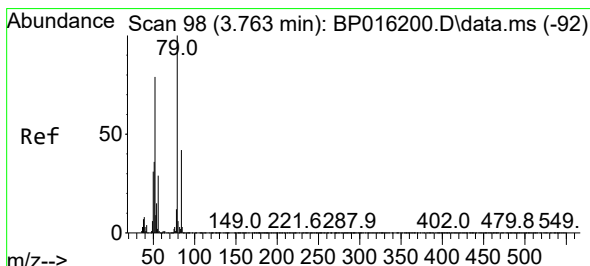
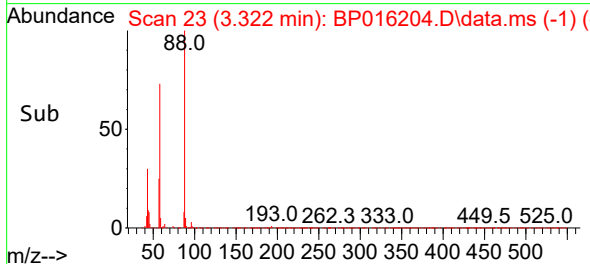
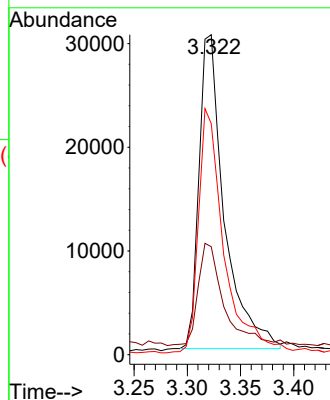
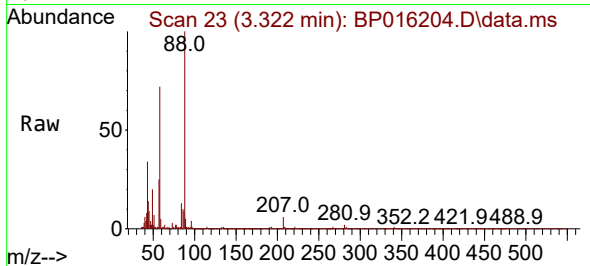
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#2
1,4-Dioxane
Concen: 11.398 ng/uL
RT: 3.322 min Scan# 21
Delta R.T. 0.000 min
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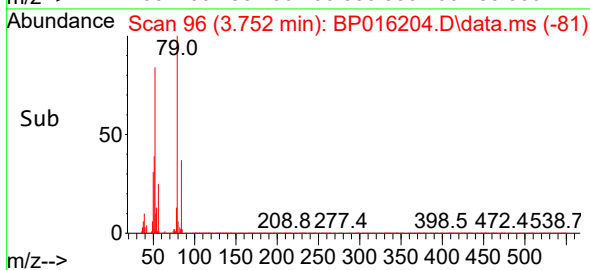
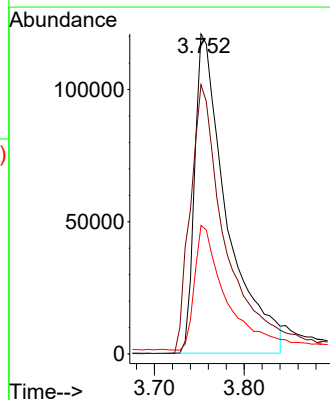
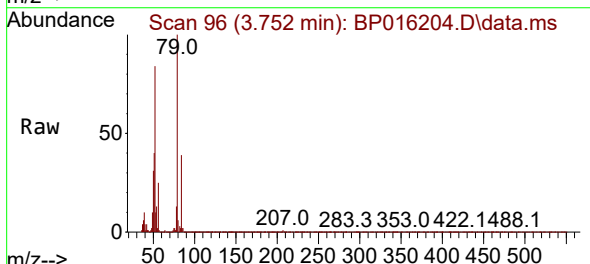
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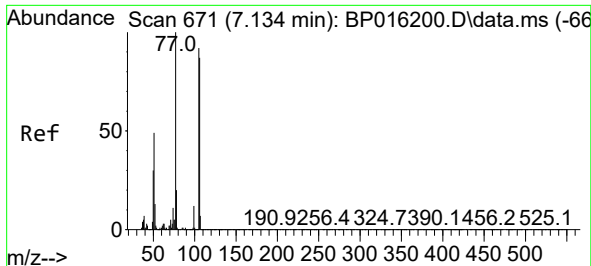
Tgt Ion: 88 Resp: 50086
Ion Ratio Lower Upper
88 100
43 33.8 22.3 33.5#
58 72.2 63.1 94.7



#5
Pyridine
Concen: 29.372 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 79 Resp: 300586
Ion Ratio Lower Upper
79 100
52 84.1 67.7 101.5
51 40.2 31.7 47.5

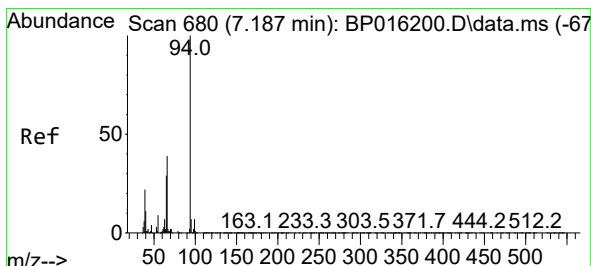
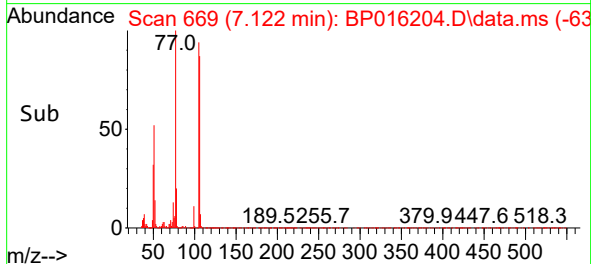
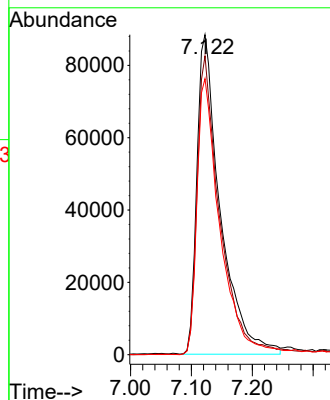
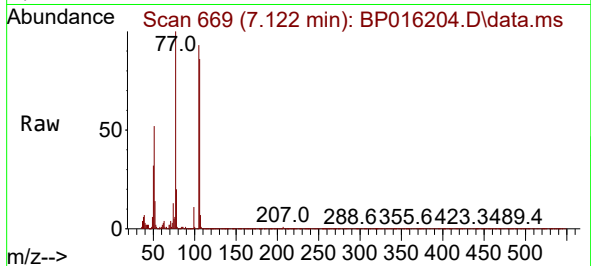




#6
Benzaldehyde
Concen: 29.571 ng/ul
RT: 7.122 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

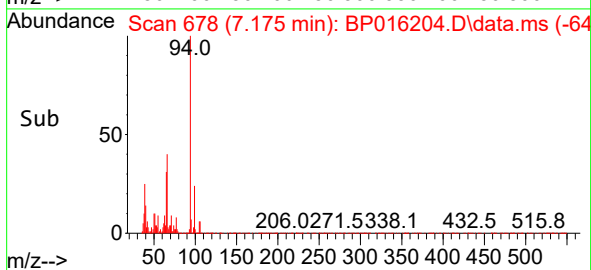
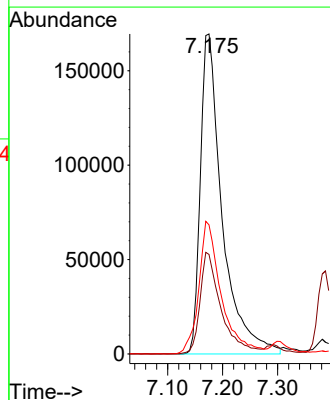
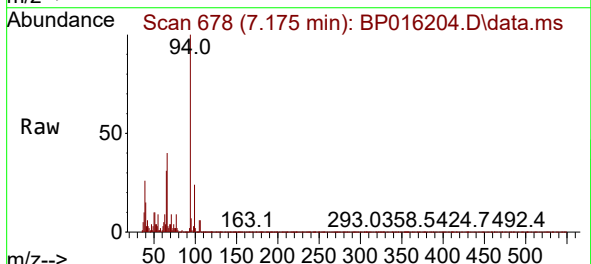
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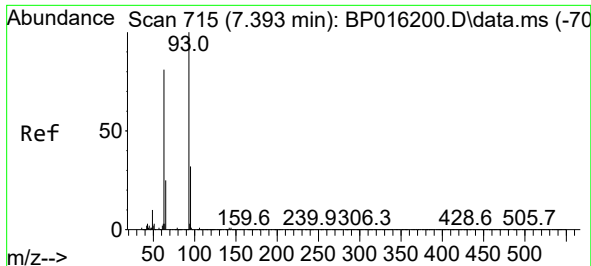
Tgt Ion: 77 Resp: 236426
Ion Ratio Lower Upper
77 100
105 93.3 69.4 104.2
106 86.3 66.2 99.4



#8
Phenol
Concen: 34.031 ng/ul
RT: 7.175 min Scan# 678
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 94 Resp: 467102
Ion Ratio Lower Upper
94 100
65 31.1 25.5 38.3
66 40.4 32.7 49.1

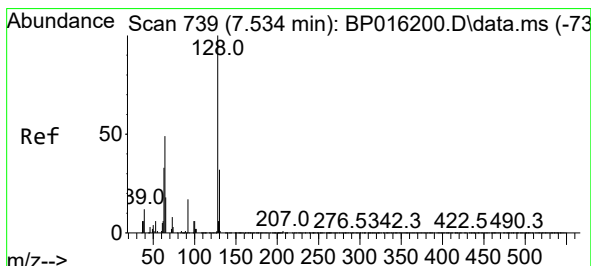
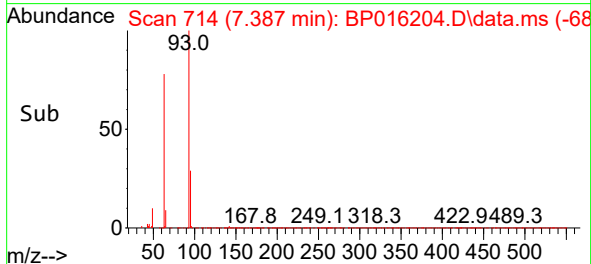
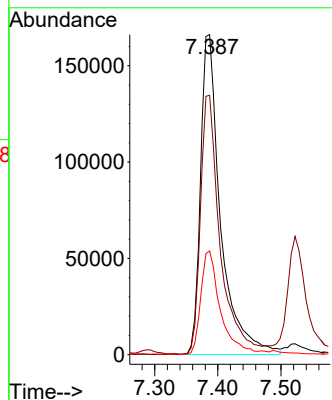
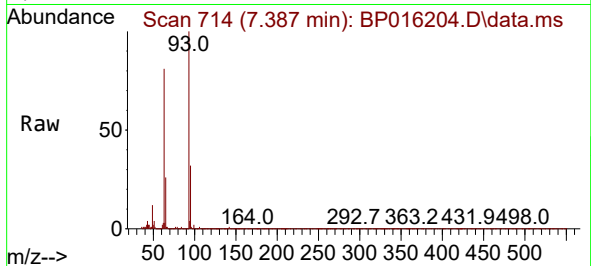




#10
Bis(2-Chloroethyl)ether
Concen: 32.877 ng/ul
RT: 7.387 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

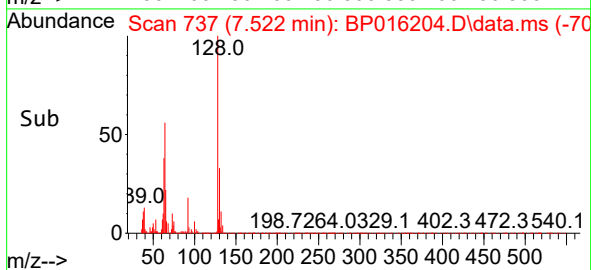
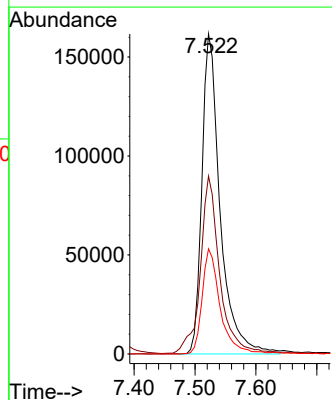
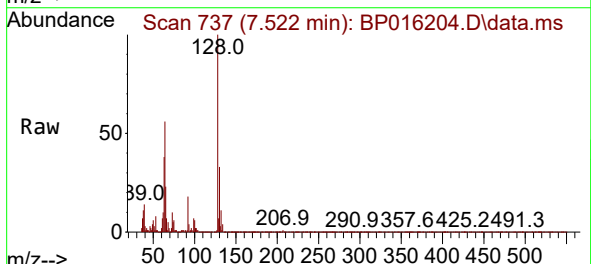
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ClientSampleId :
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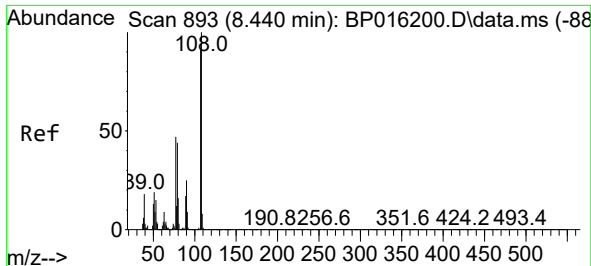
Tgt Ion: 93 Resp: 366989
Ion Ratio Lower Upper
93 100
63 81.0 63.5 95.3
95 32.4 25.1 37.7



#12
2-Chlorophenol
Concen: 35.100 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:128 Resp: 336618
Ion Ratio Lower Upper
128 100
64 55.6 44.1 66.1
130 32.8 24.3 36.5

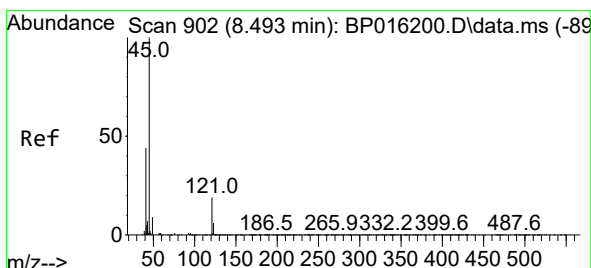
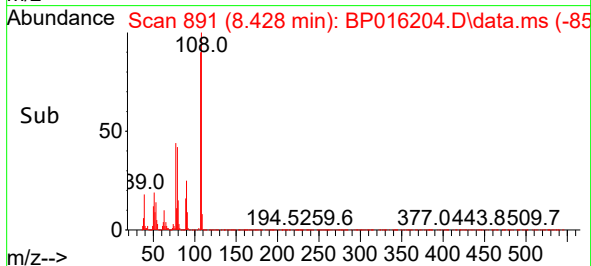
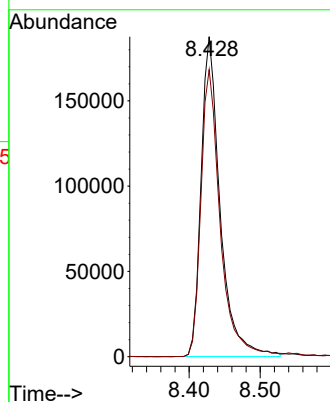
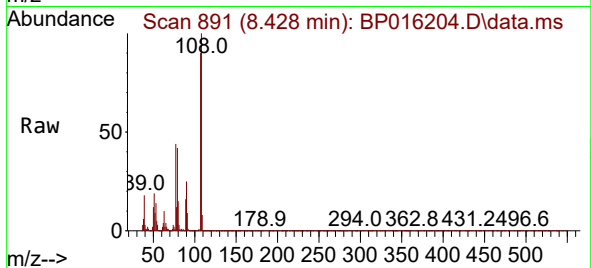




#13
2-Methylphenol
Concen: 33.864 ng/ul
RT: 8.428 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

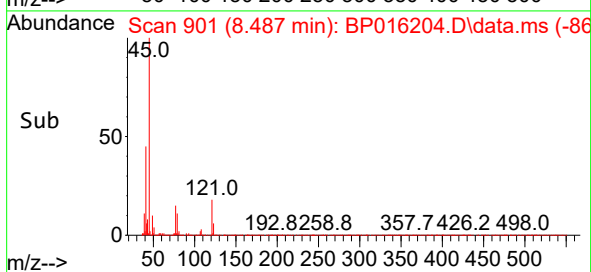
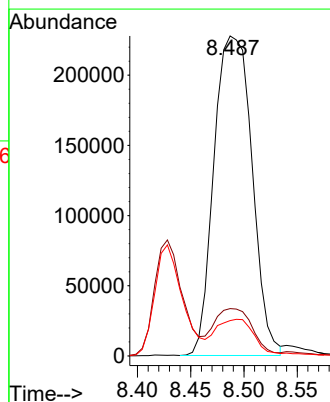
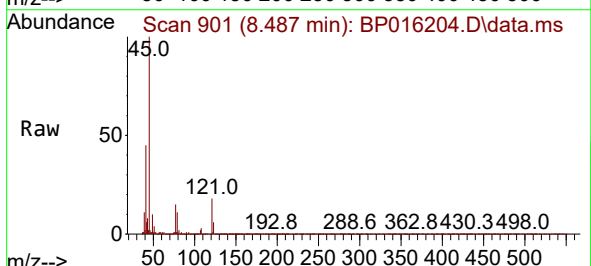
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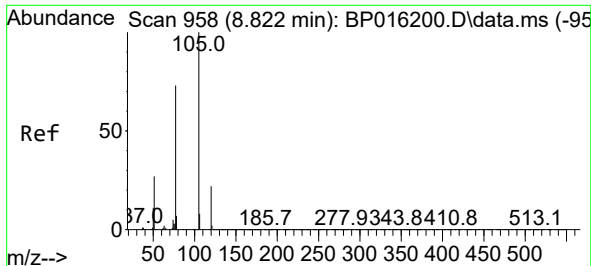
Tgt Ion:108 Resp: 349847
Ion Ratio Lower Upper
108 100
107 89.7 70.5 105.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.202 ng/ul
RT: 8.487 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 45 Resp: 565250
Ion Ratio Lower Upper
45 100
77 14.8 12.5 18.7
79 11.1 8.7 13.1

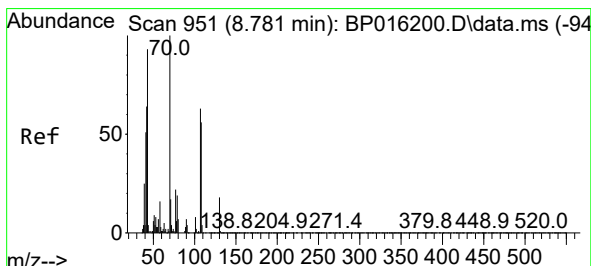
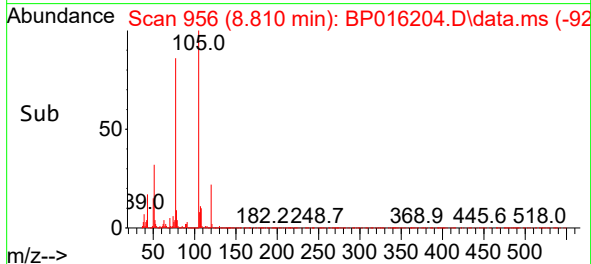
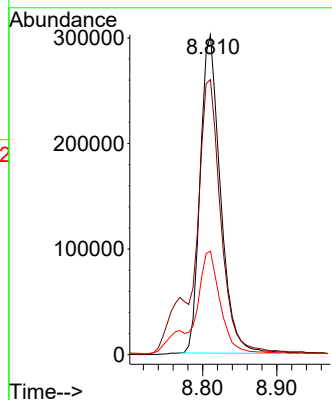
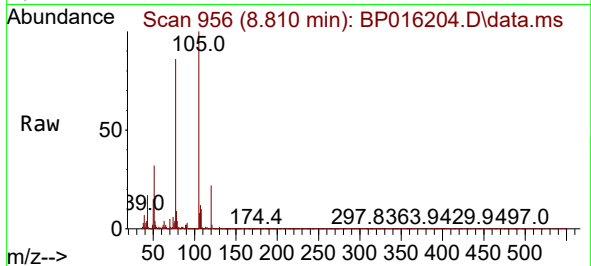




#16
Acetophenone
Concen: 33.500 ng/ul
RT: 8.810 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

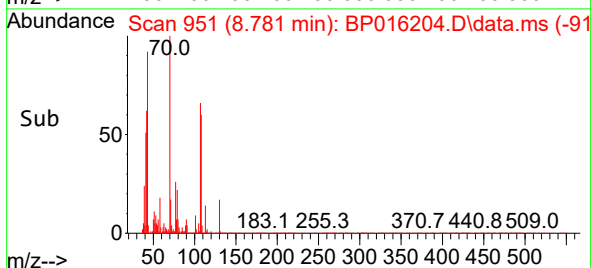
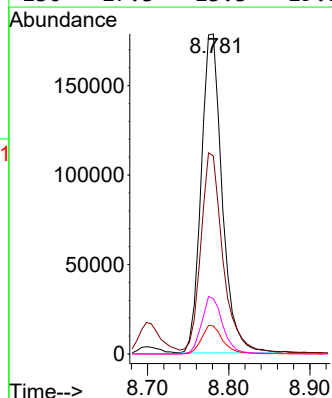
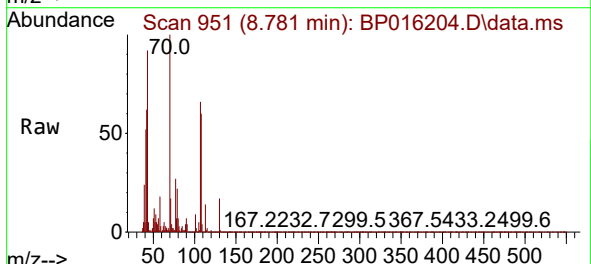
Instrument :
BNA_P
ClientSampleId :
YBW43MS

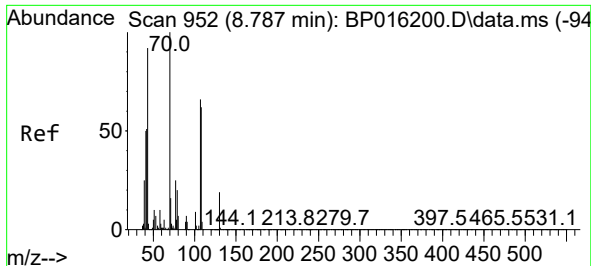
Tgt Ion:105 Resp: 569807
Ion Ratio Lower Upper
105 100
77 85.9 70.2 105.2
51 32.4 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 35.233 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 70 Resp: 321287
Ion Ratio Lower Upper
70 100
42 61.9 50.8 76.2
101 8.7 7.0 10.6
130 17.3 13.3 19.9





#18

4-Methylphenol

Concen: 34.517 ng/ul

RT: 8.769 min Scan# 949

Delta R.T. -0.017 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

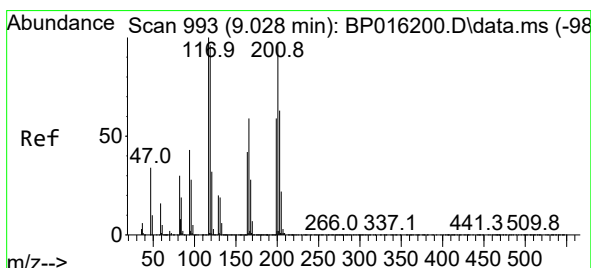
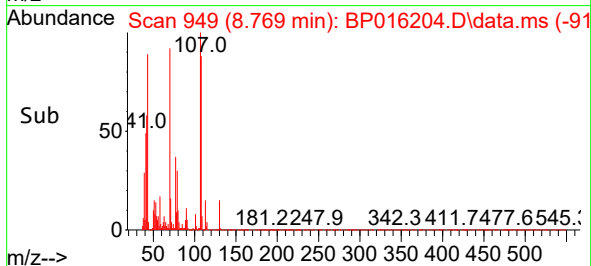
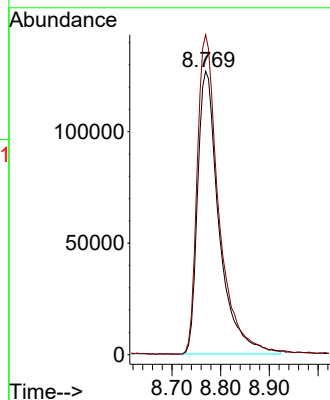
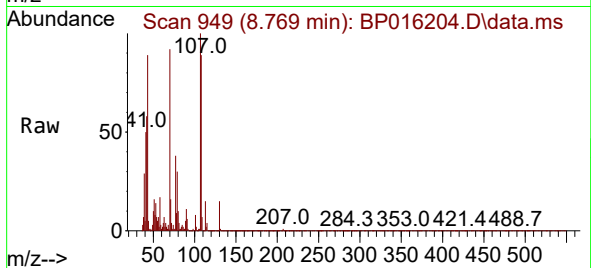
YBW43MS

Tgt Ion:108 Resp: 389949

Ion Ratio Lower Upper

108 100

107 112.9 89.3 133.9



#19

Hexachloroethane

Concen: 32.698 ng/ul

RT: 9.022 min Scan# 992

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

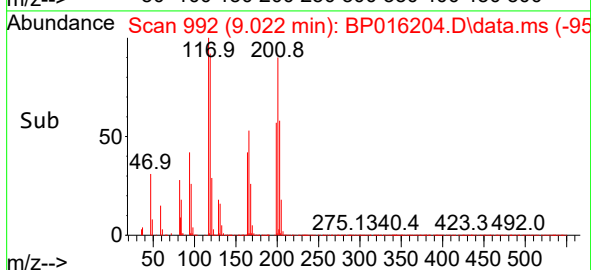
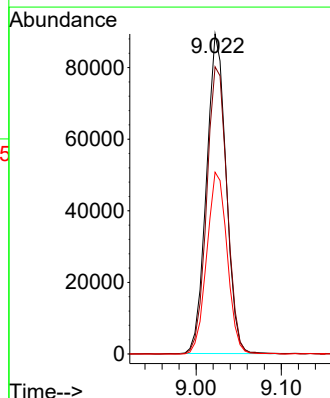
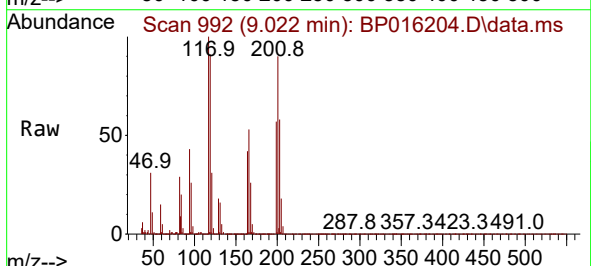
Tgt Ion:117 Resp: 142961

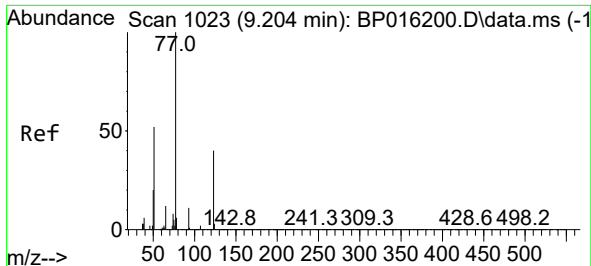
Ion Ratio Lower Upper

117 100

201 89.7 76.5 114.7

199 56.8 47.9 71.9

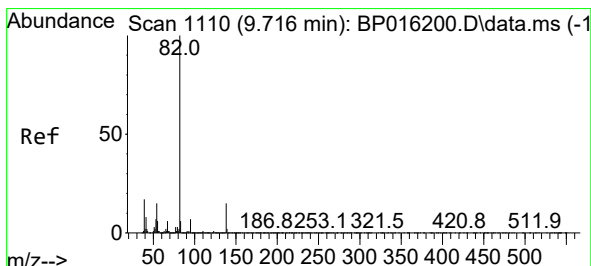
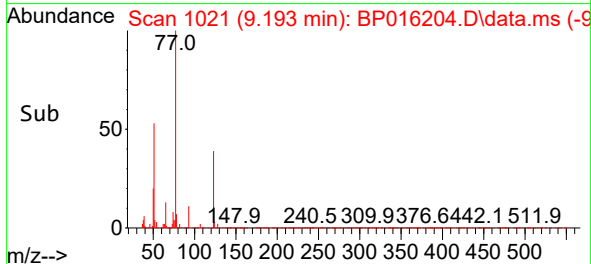
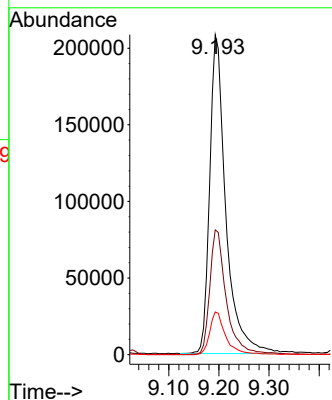
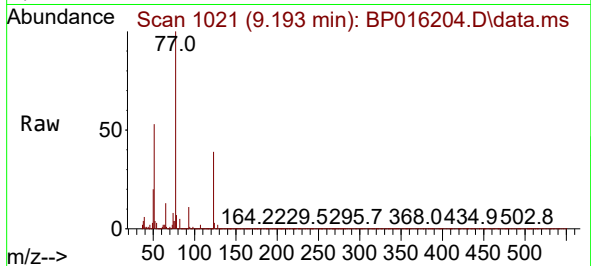




#22
Nitrobenzene
Concen: 34.613 ng/ul
RT: 9.193 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

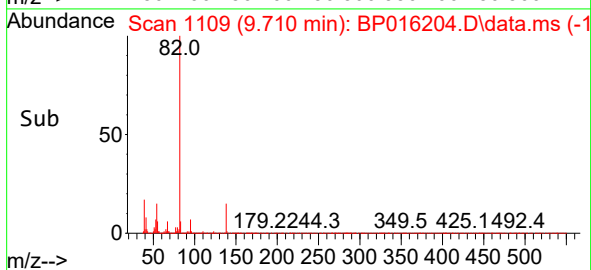
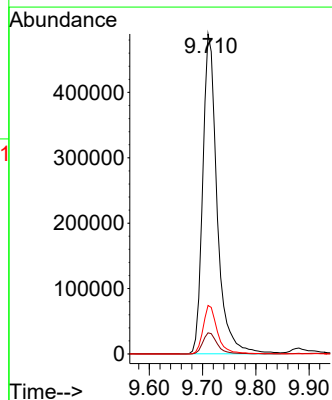
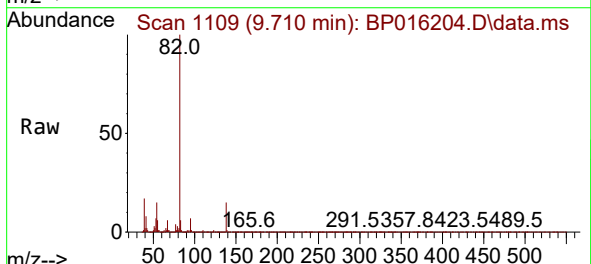
Instrument :
BNA_P
ClientSampleId :
YBW43MS

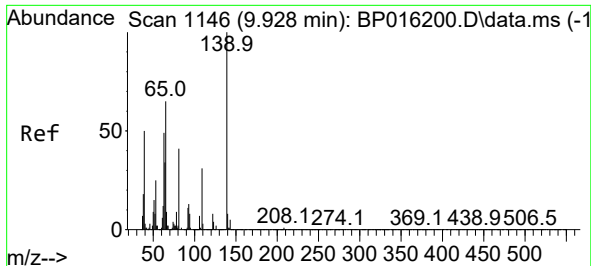
Tgt Ion: 77 Resp: 465196
Ion Ratio Lower Upper
77 100
123 39.0 31.8 47.8
65 13.3 10.4 15.6



#23
Isophorone
Concen: 34.399 ng/ul
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 82 Resp: 916411
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 15.2 12.3 18.5

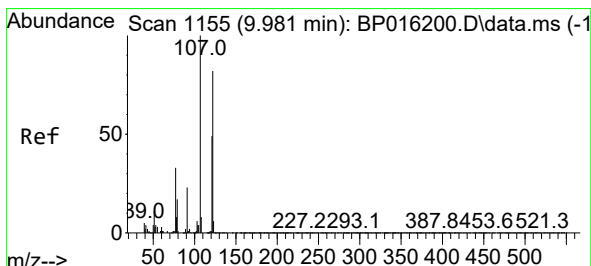
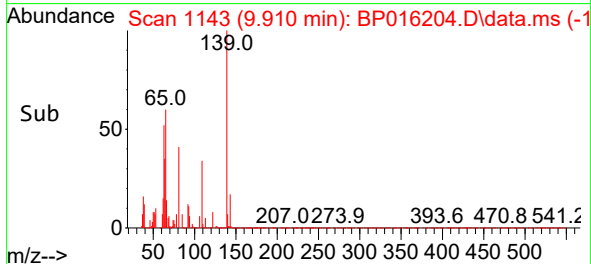
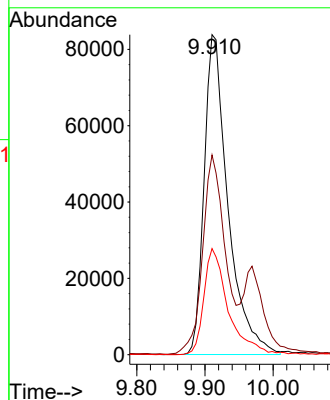
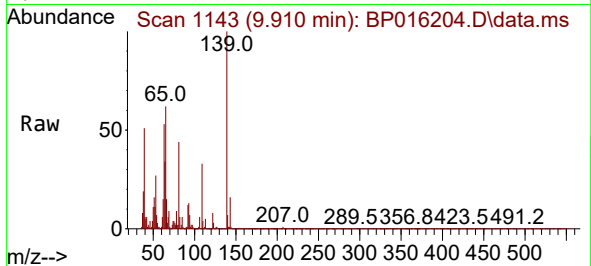




#25
2-Nitrophenol
Concen: 36.005 ng/ul
RT: 9.910 min Scan# 1143
Delta R.T. -0.017 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

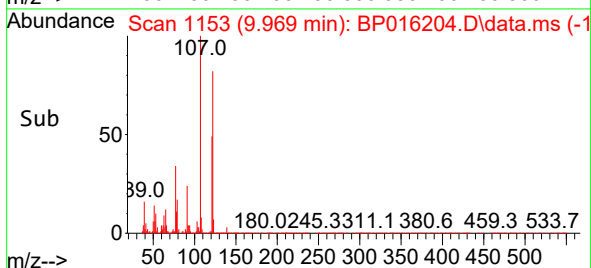
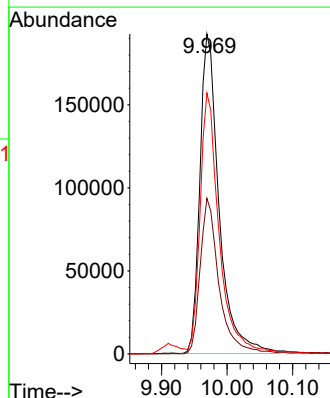
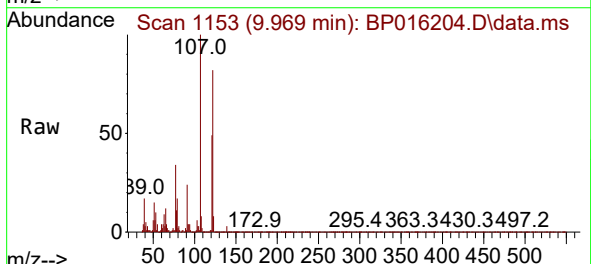
Instrument :
BNA_P
ClientSampleId :
YBW43MS

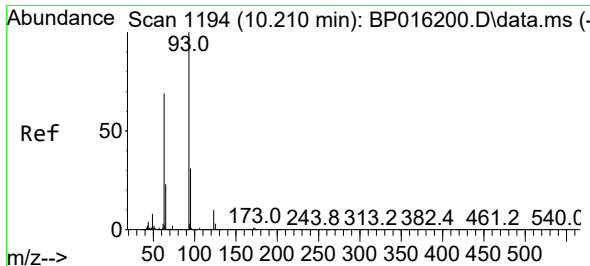
Tgt Ion:139 Resp: 203950
Ion Ratio Lower Upper
139 100
65 62.4 50.0 75.0
109 33.1 28.2 42.2



#26
2,4-Dimethylphenol
Concen: 31.542 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:107 Resp: 392904
Ion Ratio Lower Upper
107 100
121 48.6 37.2 55.8
122 81.6 64.7 97.1

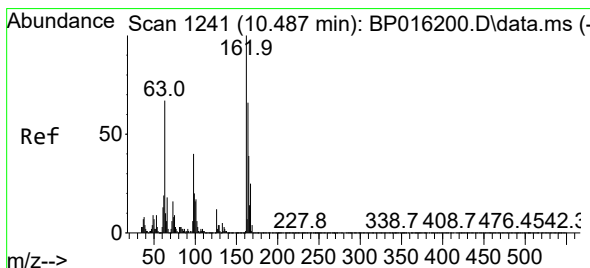
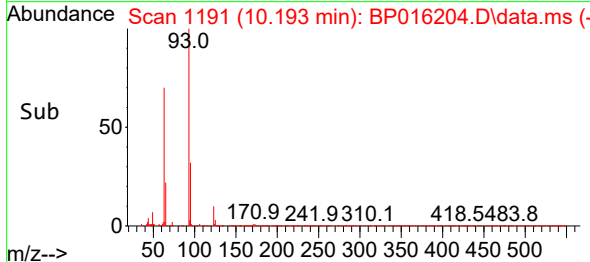
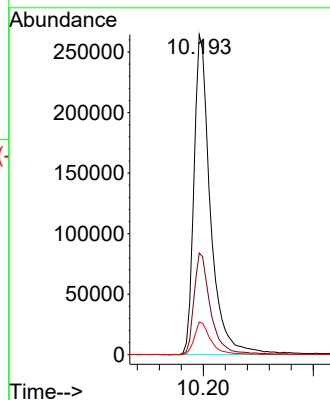
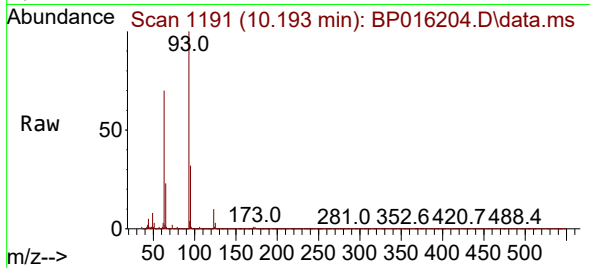




#27
Bis(2-Chloroethoxy)methane
Concen: 35.346 ng/ul
RT: 10.193 min Scan# 1194
Delta R.T. -0.017 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

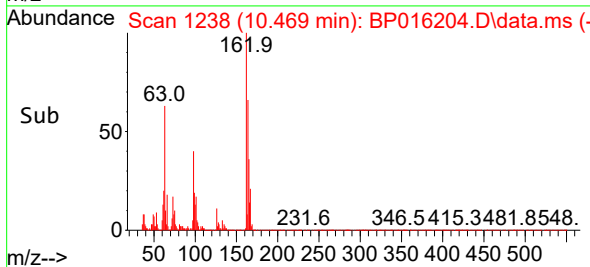
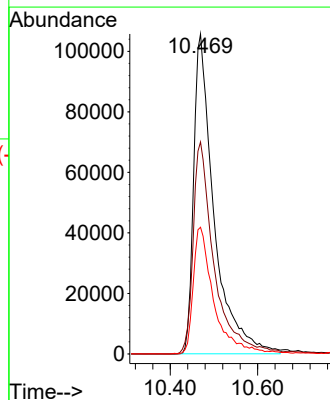
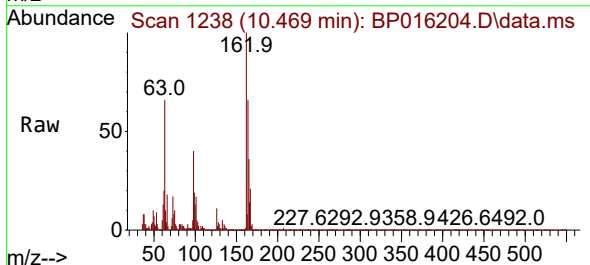
Instrument :
BNA_P
ClientSampleId :
YBW43MS

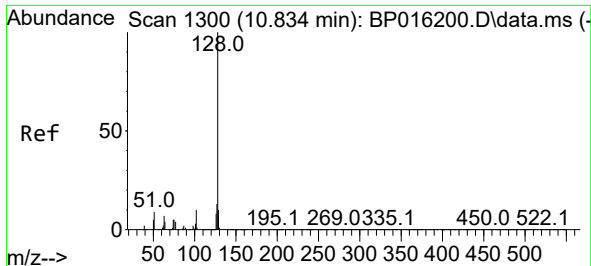
Tgt Ion: 93 Resp: 548303
Ion Ratio Lower Upper
93 100
95 31.8 25.9 38.9
123 10.2 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 36.471 ng/ul
RT: 10.469 min Scan# 1238
Delta R.T. -0.017 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:162 Resp: 342377
Ion Ratio Lower Upper
162 100
164 66.2 54.3 81.5
98 39.6 31.8 47.8

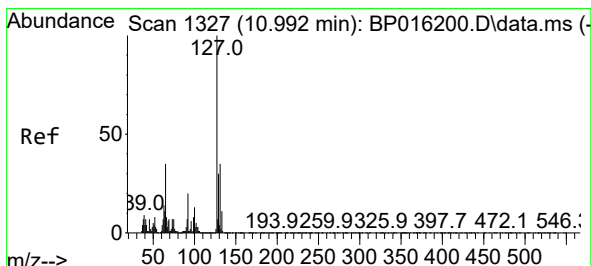
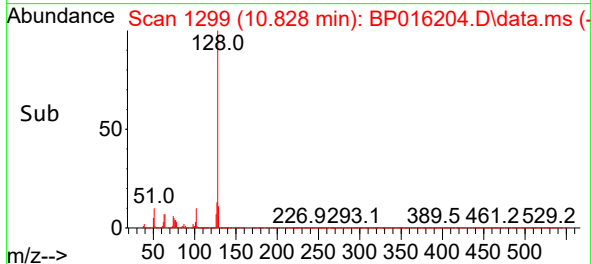
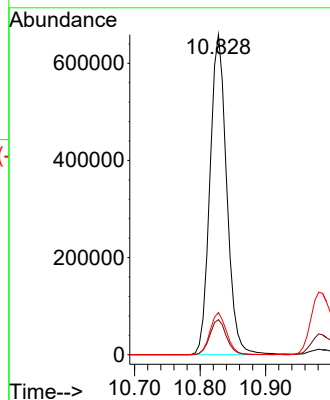
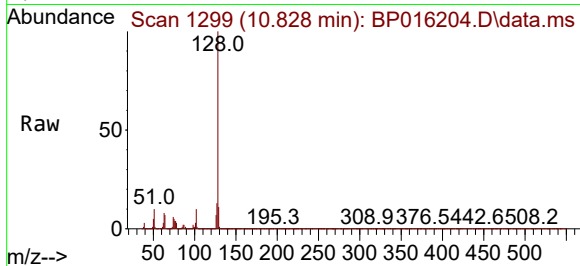




#30
Naphthalene
Concen: 33.266 ng/ul
RT: 10.828 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

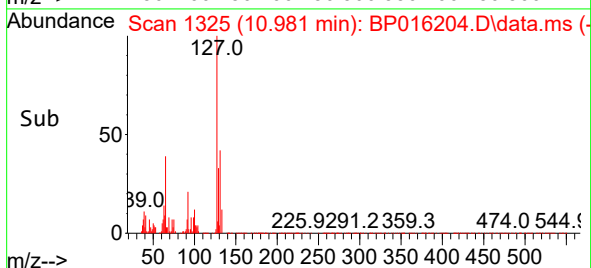
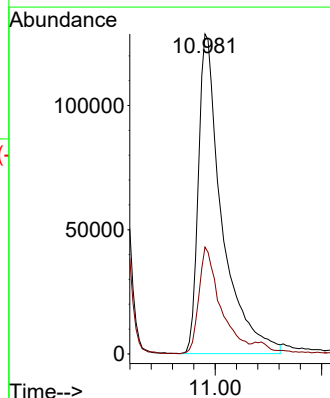
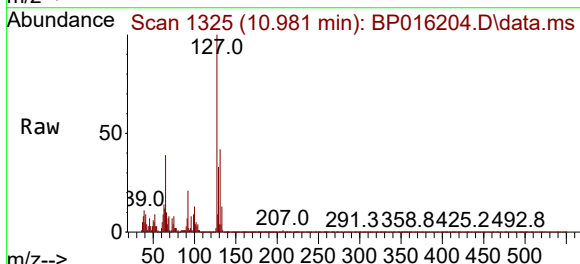
Instrument :
BNA_P
ClientSampleId :
YBW43MS

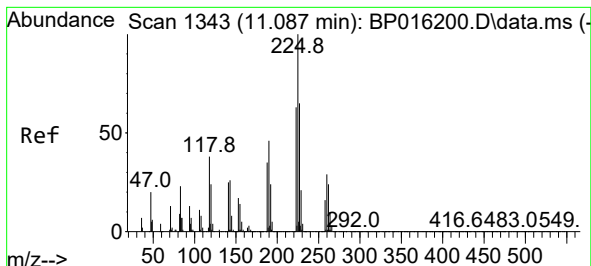
Tgt Ion:128 Resp: 1170533
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.9 16.3



#32
4-Chloroaniline
Concen: 27.038 ng/ul
RT: 10.981 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:127 Resp: 393520
Ion Ratio Lower Upper
127 100
129 33.4 26.1 39.1





#33

Hexachlorobutadiene

Concen: 32.888 ng/ul

RT: 11.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

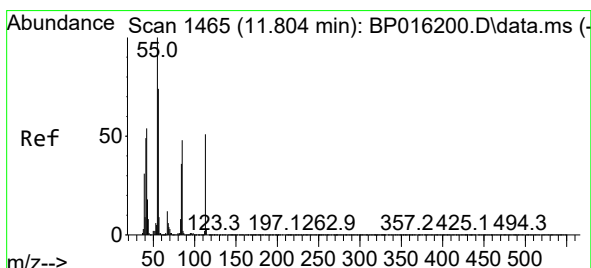
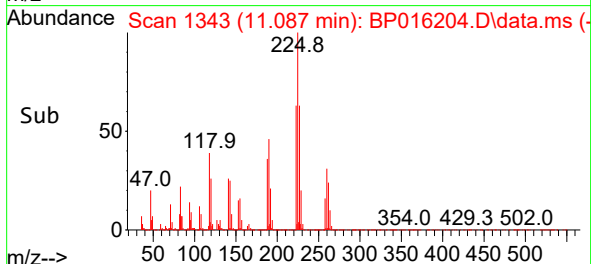
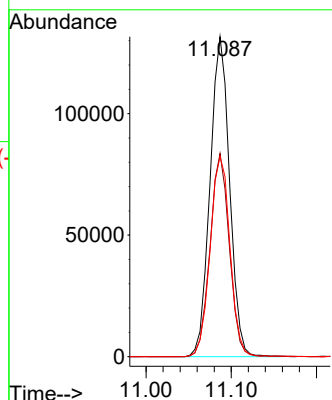
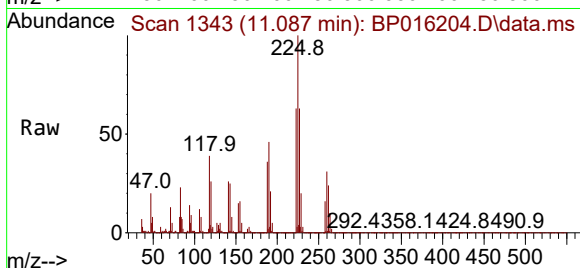
Tgt Ion:225 Resp: 209694

Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.6

227 62.6 51.7 77.5



#34

Caprolactam

Concen: 35.968 ng/ul

RT: 11.793 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

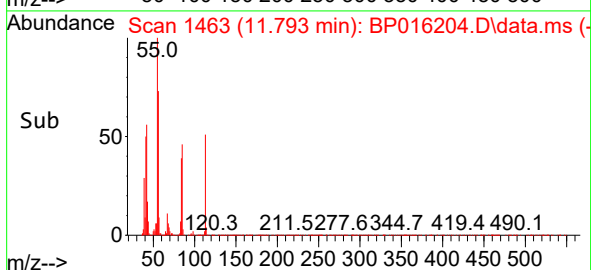
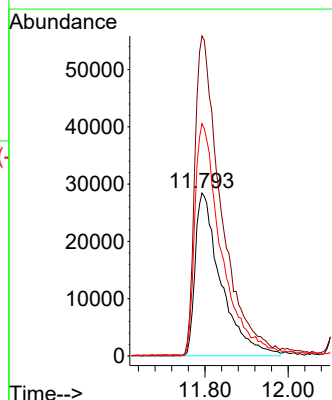
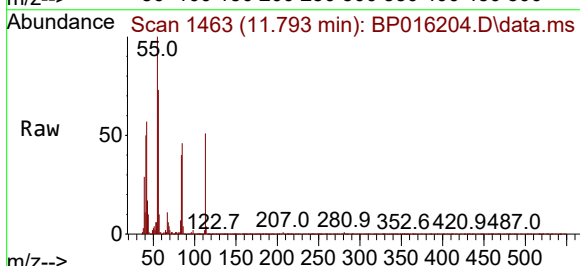
Tgt Ion:113 Resp: 122239

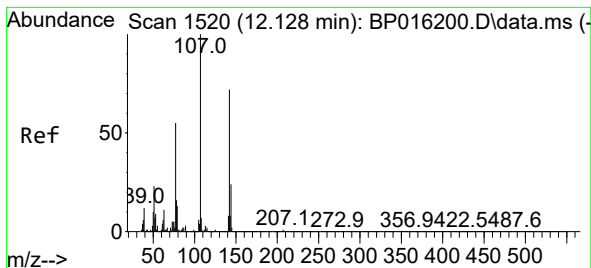
Ion Ratio Lower Upper

113 100

55 196.4 147.8 221.8

56 142.6 103.8 155.6

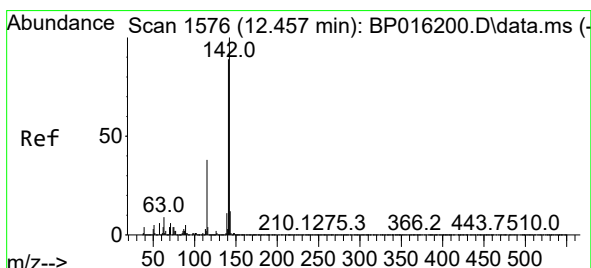
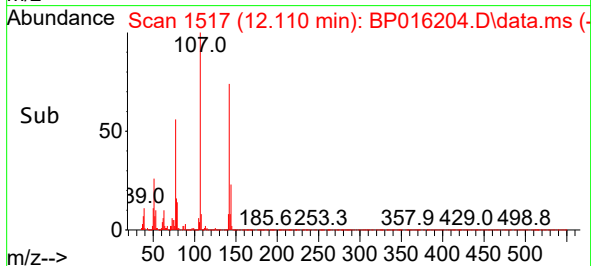
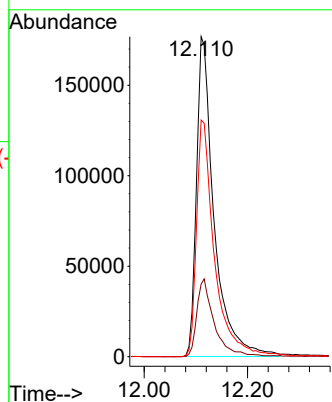
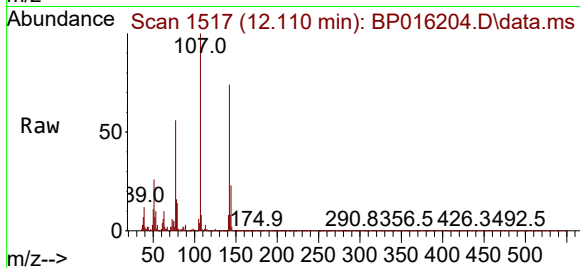




#35
4-Chloro-3-methylphenol
Concen: 36.107 ng/ul
RT: 12.110 min Scan# 1517
Delta R.T. -0.017 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

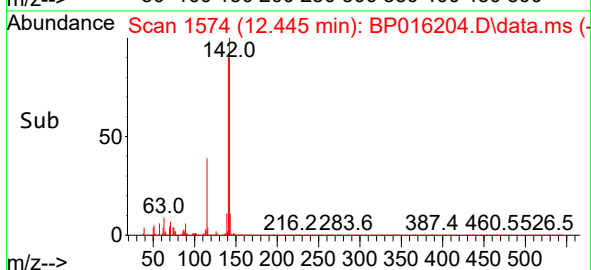
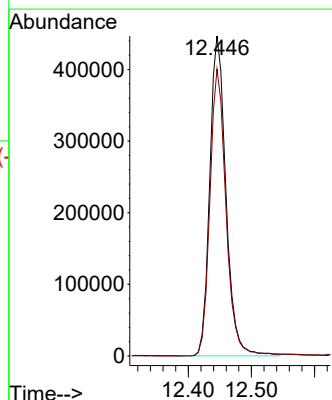
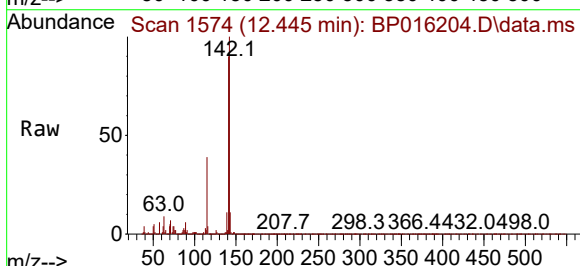
Instrument :
BNA_P
ClientSampleId :
YBW43MS

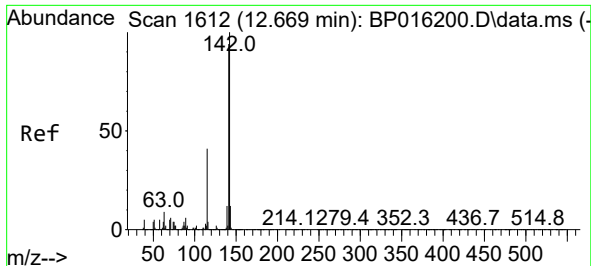
Tgt Ion:107 Resp: 418297
Ion Ratio Lower Upper
107 100
144 22.7 20.3 30.5
142 73.9 60.8 91.2



#36
2-Methylnaphthalene
Concen: 33.614 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:142 Resp: 793031
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#37

1-Methylnaphthalene

Concen: 33.377 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

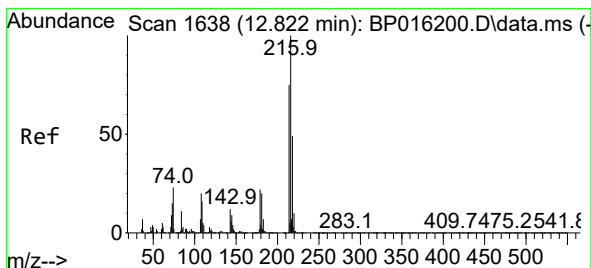
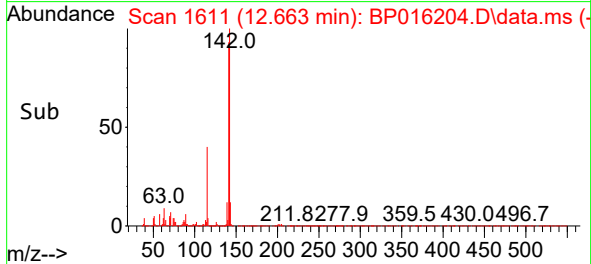
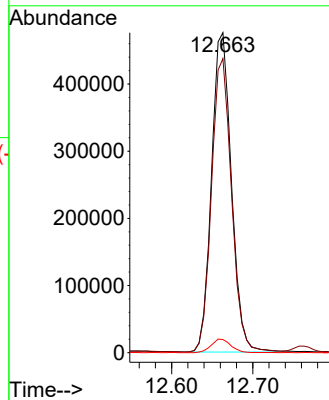
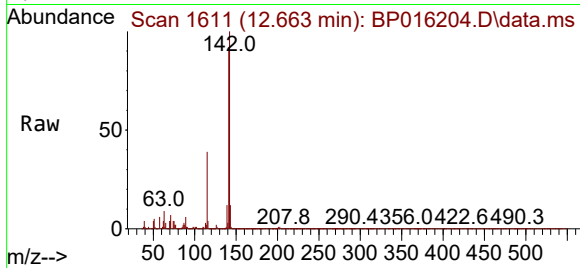
Tgt Ion:142 Resp: 809838

Ion Ratio Lower Upper

142 100

141 91.9 73.9 110.9

116 4.1 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.398 ng/ul

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Tgt Ion:216 Resp: 426166

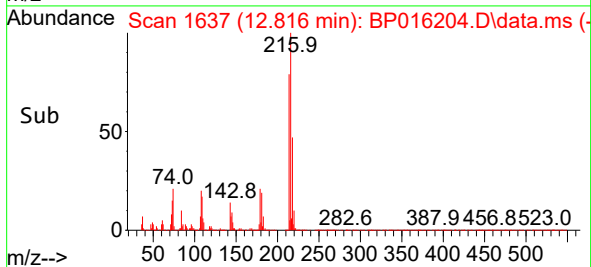
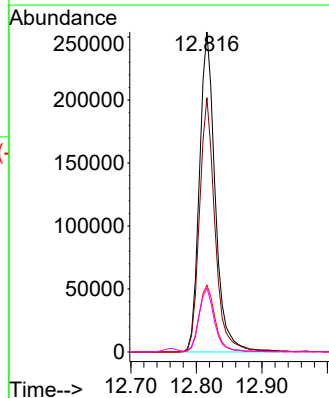
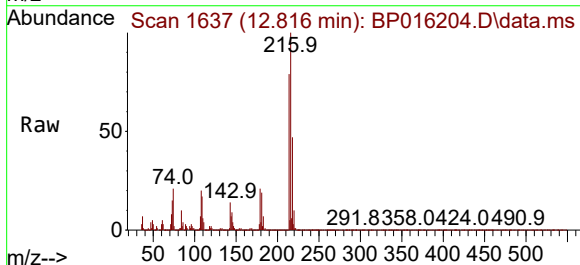
Ion Ratio Lower Upper

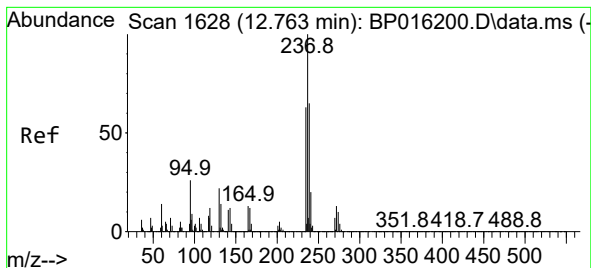
216 100

214 79.4 62.9 94.3

179 20.9 17.8 26.6

108 19.9 16.0 24.0





#40

Hexachlorocyclopentadiene

Concen: 20.044 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

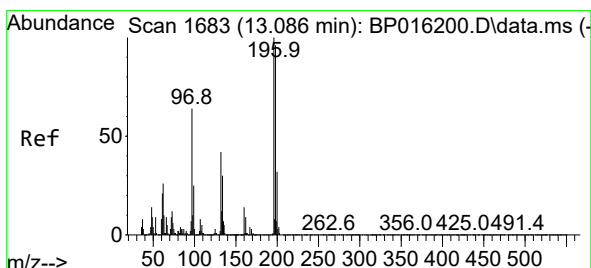
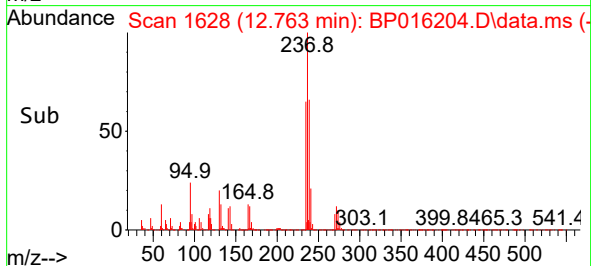
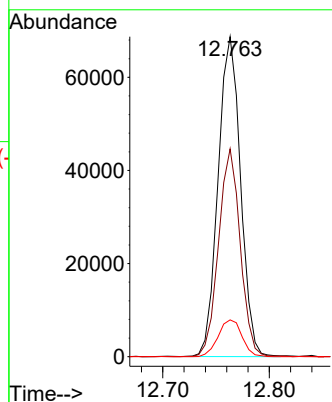
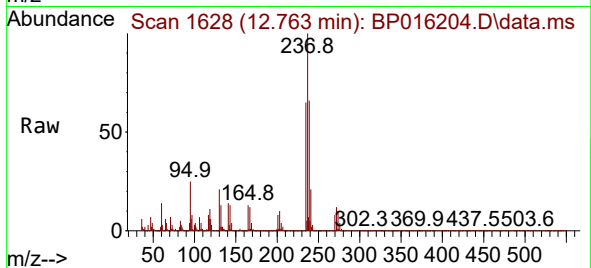
Tgt Ion:237 Resp: 100408

Ion Ratio Lower Upper

237 100

235 65.0 48.2 72.2

272 11.5 9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 33.743 ng/ul

RT: 13.075 min Scan# 1681

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

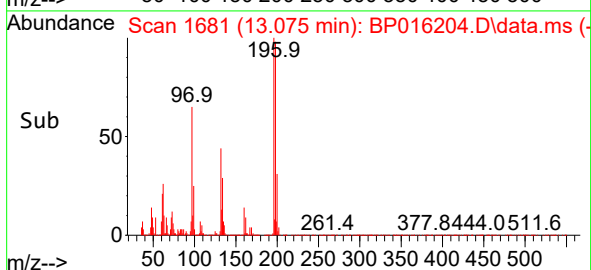
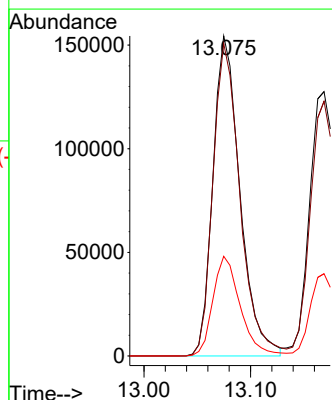
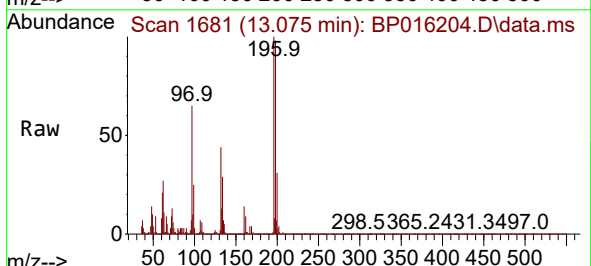
Tgt Ion:196 Resp: 272033

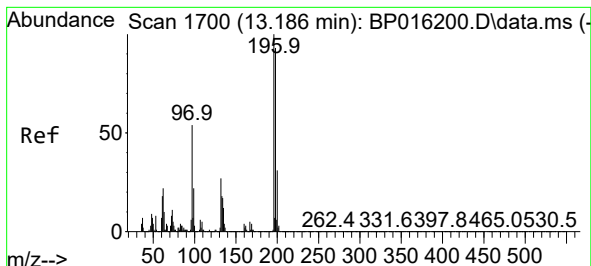
Ion Ratio Lower Upper

196 100

198 97.6 79.2 118.8

200 31.2 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 34.388 ng/ul

RT: 13.169 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

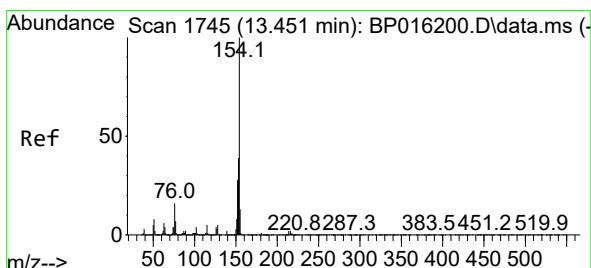
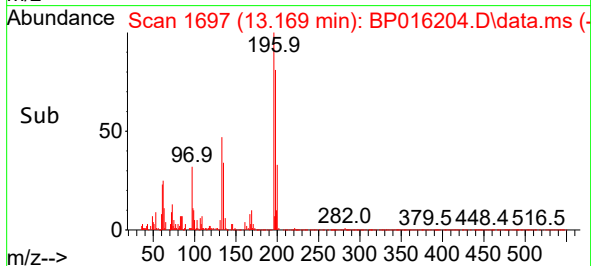
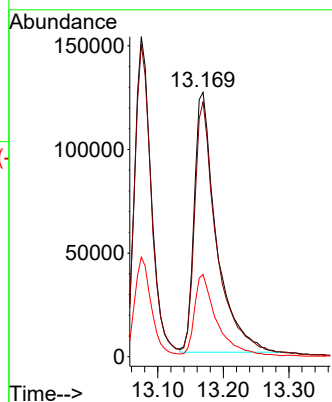
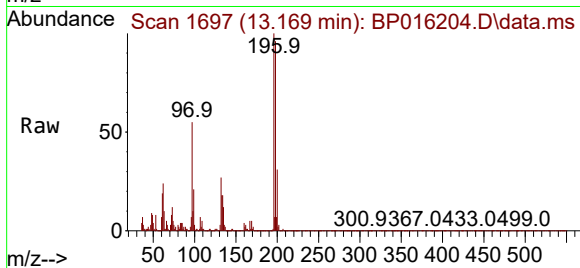
Tgt Ion:196 Resp: 294741

Ion Ratio Lower Upper

196 100

198 96.3 77.4 116.2

200 31.1 25.3 37.9



#43

1,1'-Biphenyl

Concen: 33.817 ng/ul

RT: 13.445 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

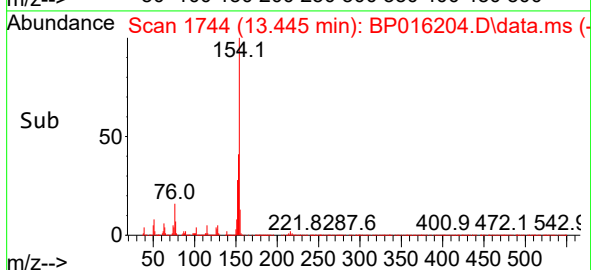
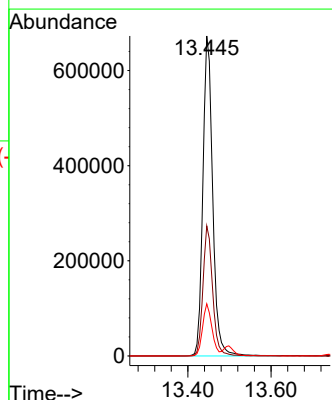
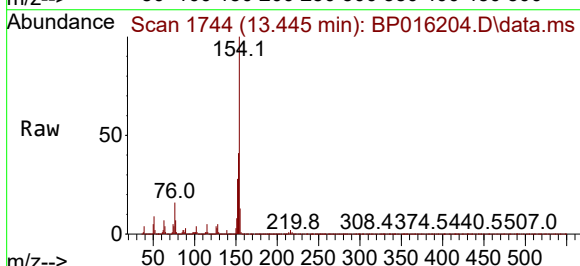
Tgt Ion:154 Resp: 1105216

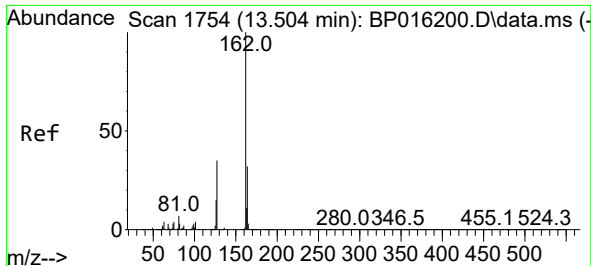
Ion Ratio Lower Upper

154 100

153 40.7 31.1 46.7

76 16.3 12.9 19.3

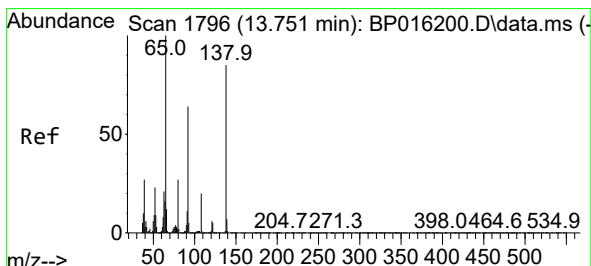
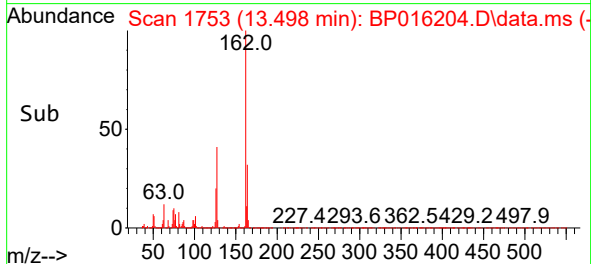
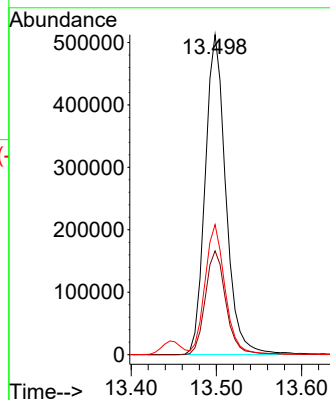
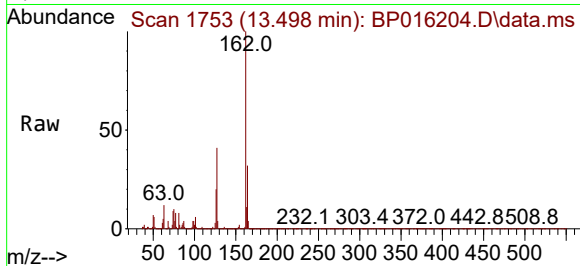




#44
2-Chloronaphthalene
Concen: 33.589 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

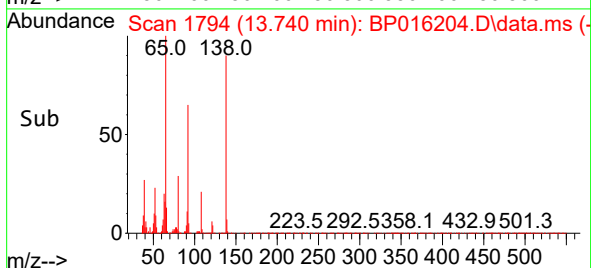
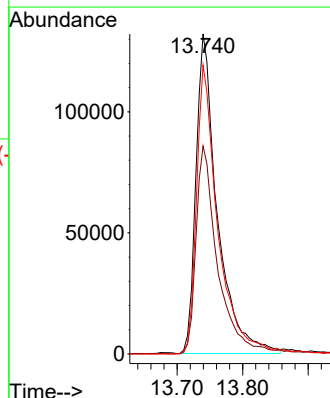
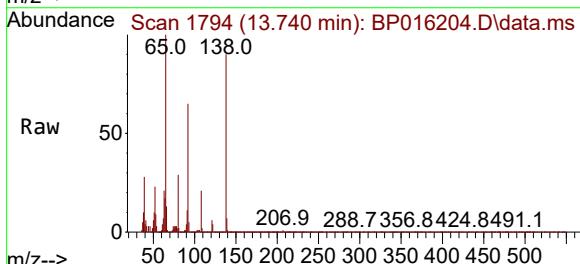
Instrument :
BNA_P
ClientSampleId :
YBW43MS

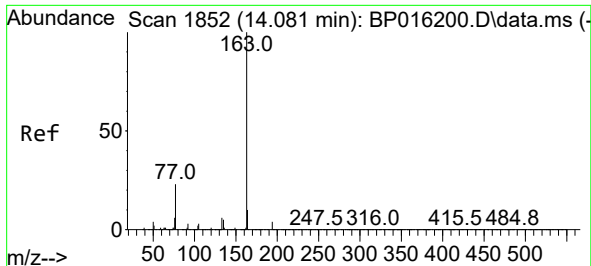
Tgt Ion:162 Resp: 862469
Ion Ratio Lower Upper
162 100
164 32.5 26.0 39.0
127 40.6 31.2 46.8



#45
2-Nitroaniline
Concen: 35.799 ng/ul
RT: 13.740 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion: 65 Resp: 299564
Ion Ratio Lower Upper
65 100
92 65.0 54.1 81.1
138 90.3 73.4 110.0

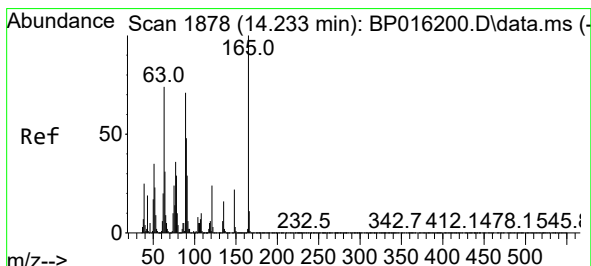
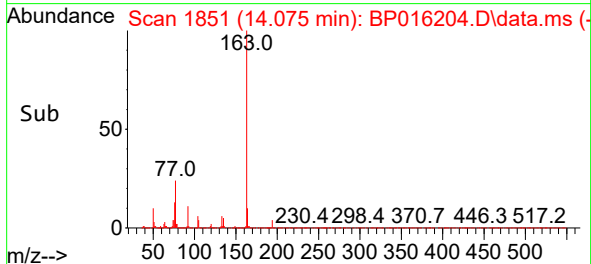
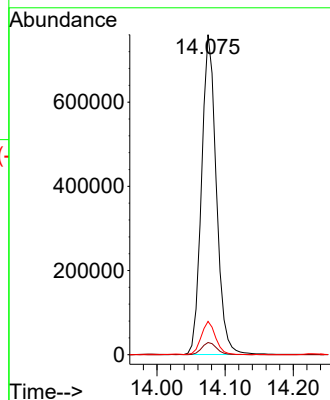
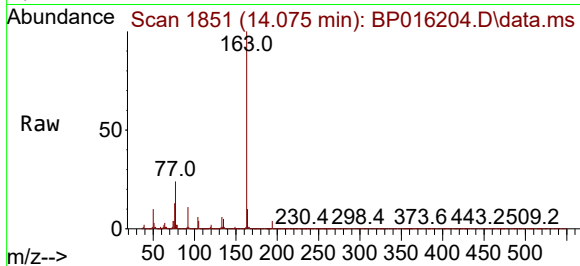




#47
Dimethylphthalate
Concen: 33.182 ng/ul
RT: 14.075 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

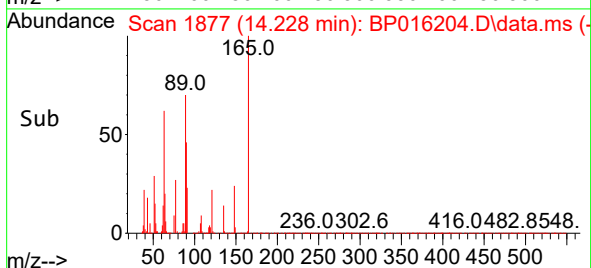
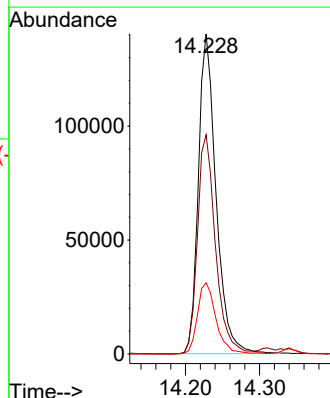
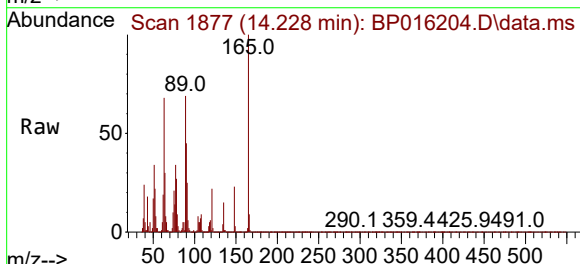
Instrument :
BNA_P
ClientSampleId :
YBW43MS

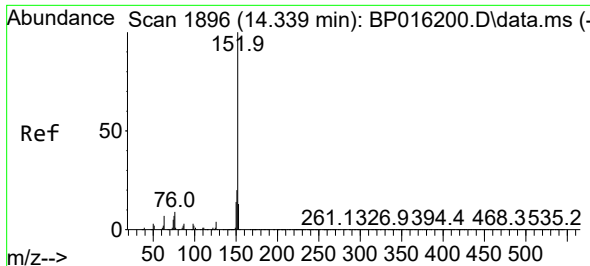
Tgt Ion:163 Resp: 1145381
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 35.643 ng/ul
RT: 14.228 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:165 Resp: 231942
Ion Ratio Lower Upper
165 100
89 68.5 54.8 82.2
121 22.3 19.4 29.0

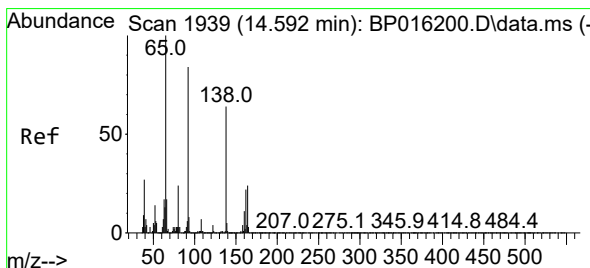
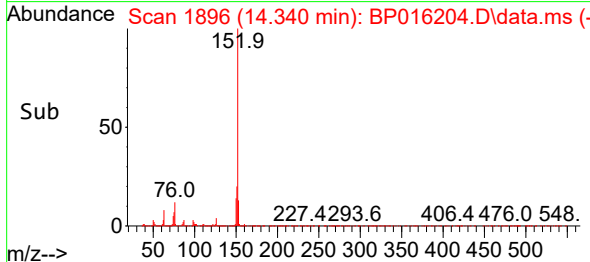
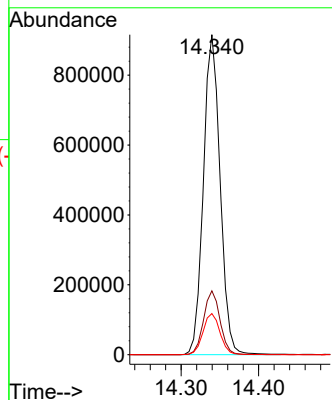
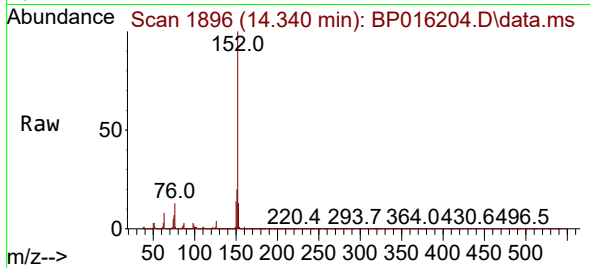




#50
Acenaphthylene
Concen: 31.897 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

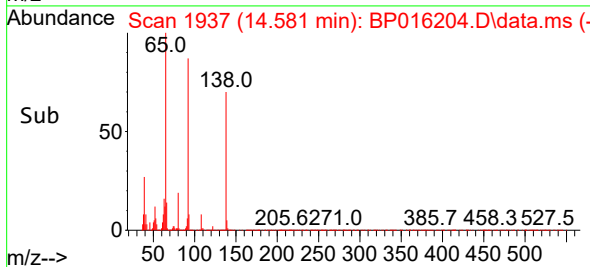
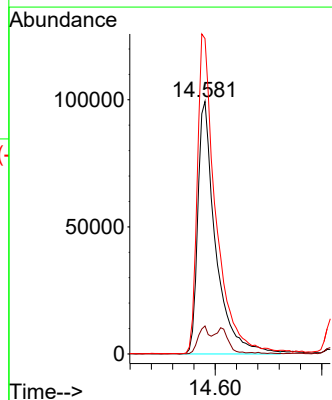
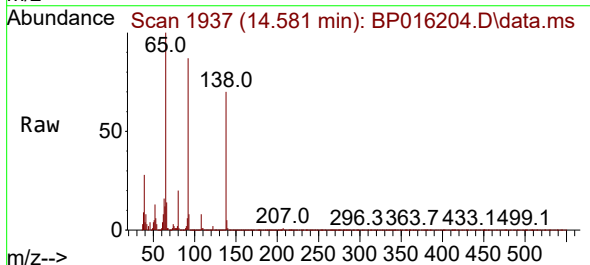
Instrument :
BNA_P
ClientSampleId :
YBW43MS

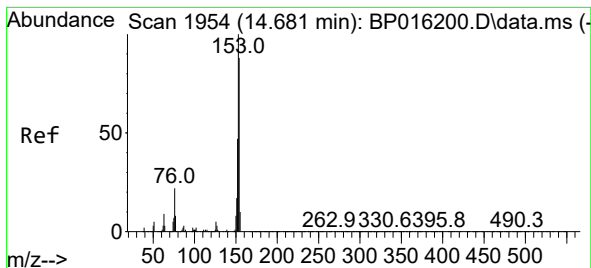
Tgt Ion:152 Resp: 1372136
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.2 15.4



#51
3-Nitroaniline
Concen: 34.959 ng/ul
RT: 14.581 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:138 Resp: 231015
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 124.9 109.0 163.4





#52

Acenaphthene

Concen: 32.909 ng/ul

RT: 14.681 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

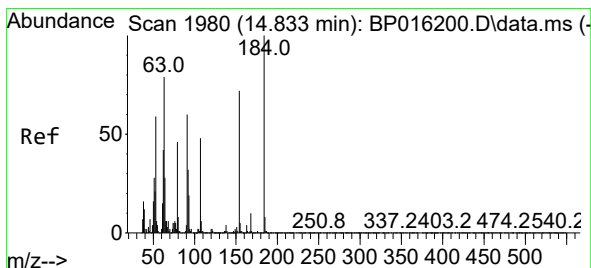
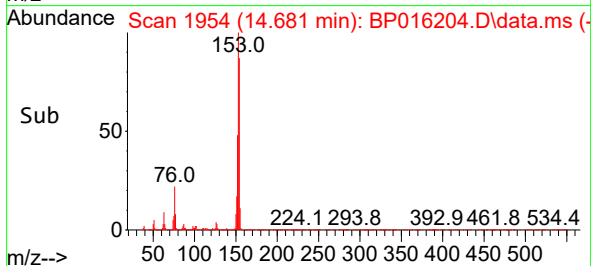
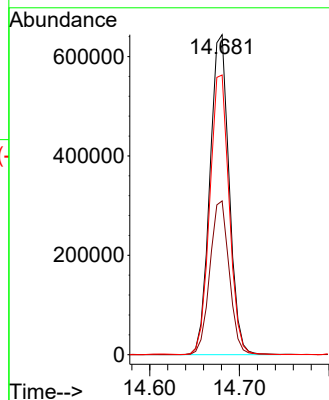
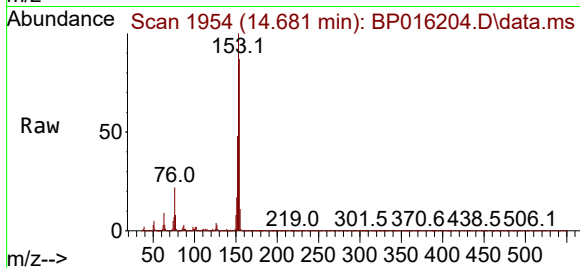
Tgt Ion:153 Resp: 957474

Ion Ratio Lower Upper

153 100

152 48.1 37.9 56.9

154 87.4 69.3 103.9



#53

2,4-Dinitrophenol

Concen: 25.424 ng/ul

RT: 14.822 min Scan# 1978

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

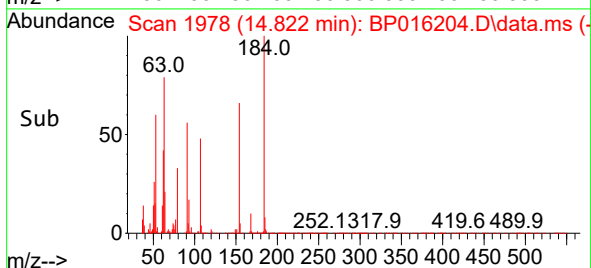
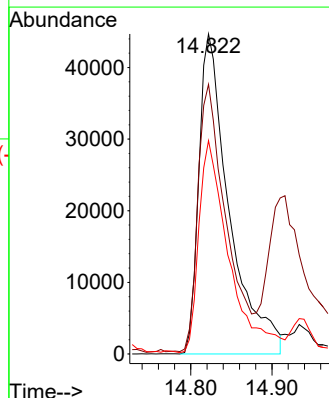
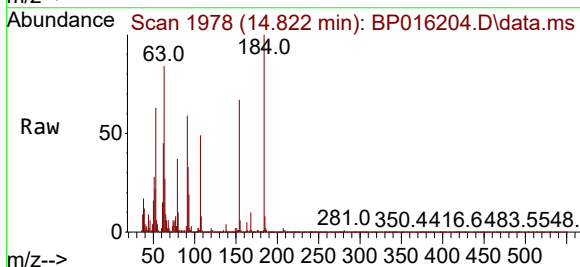
Tgt Ion:184 Resp: 115797

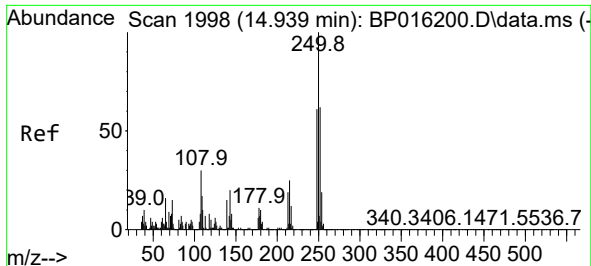
Ion Ratio Lower Upper

184 100

63 84.2 67.0 100.6

154 66.7 51.5 77.3

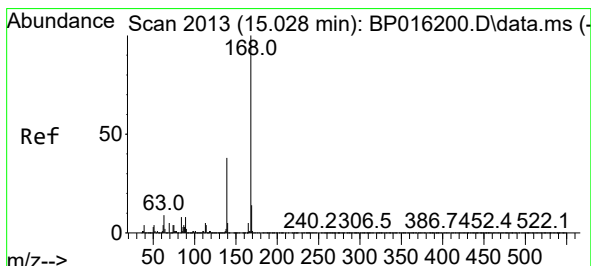
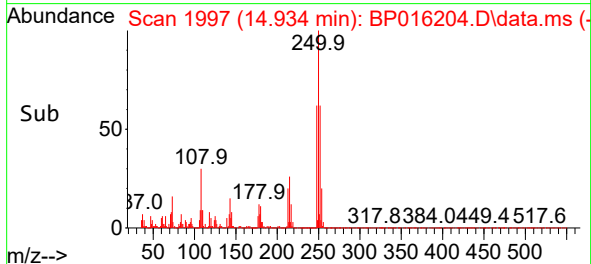
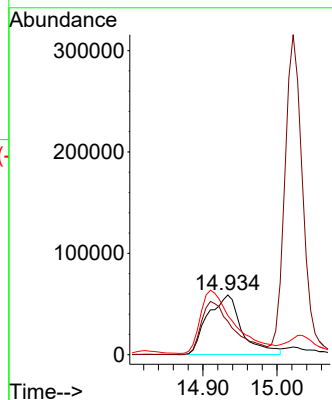
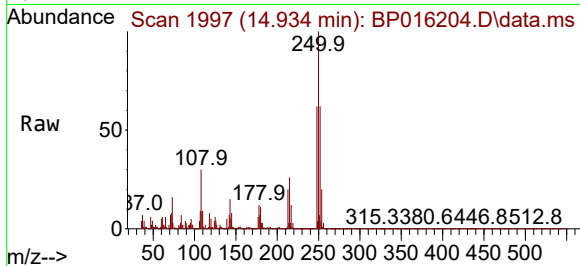




#55
4-Nitrophenol
Concen: 35.489 ng/ul
RT: 14.934 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

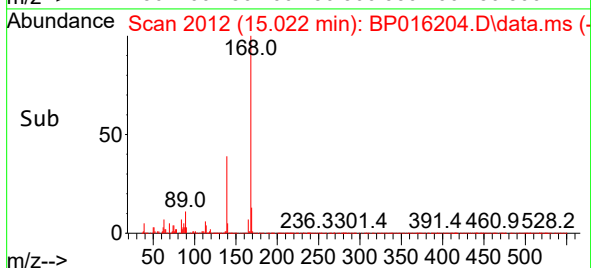
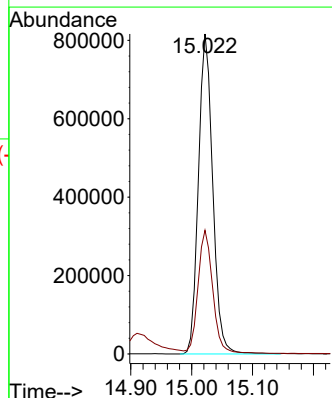
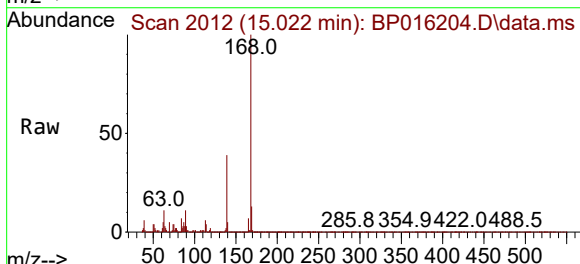
Instrument :
BNA_P
ClientSampleId :
YBW43MS

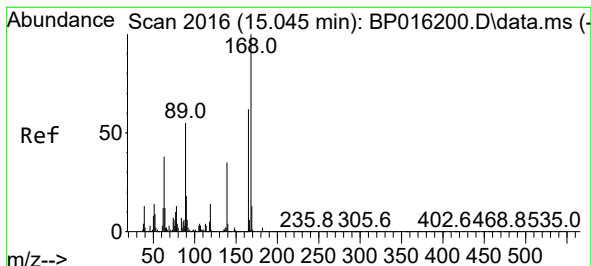
Tgt Ion:109 Resp: 188369
Ion Ratio Lower Upper
109 100
139 55.8 76.8 115.2#
65 65.6 92.2 138.4#



#56
Dibenzofuran
Concen: 33.564 ng/ul
RT: 15.022 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:168 Resp: 1330116
Ion Ratio Lower Upper
168 100
139 38.7 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 35.674 ng/ul

RT: 15.039 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

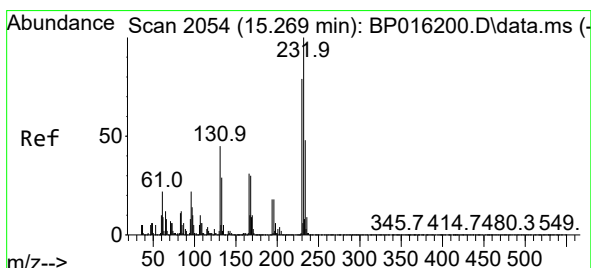
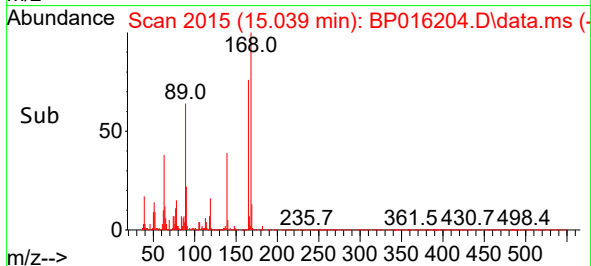
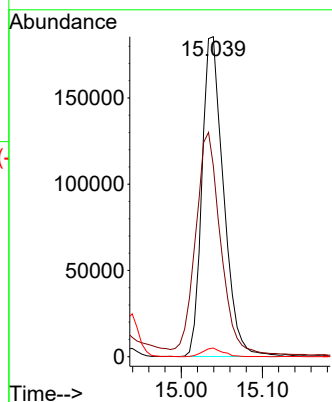
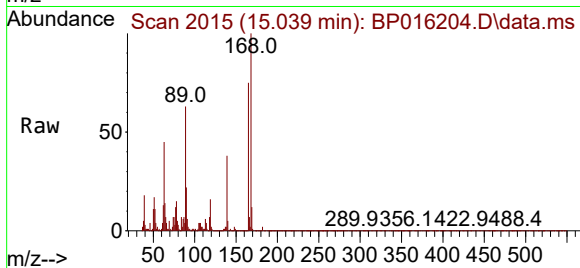
Tgt Ion:165 Resp: 342456

Ion Ratio Lower Upper

165 100

63 59.6 56.9 85.3

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.660 ng/ul

RT: 15.263 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Tgt Ion:232 Resp: 261824

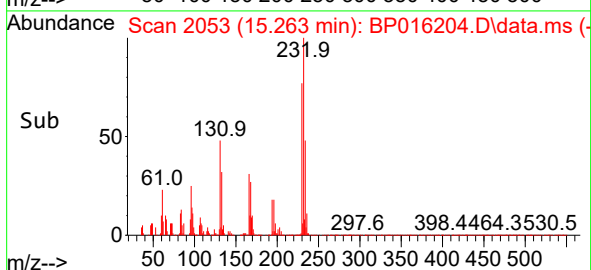
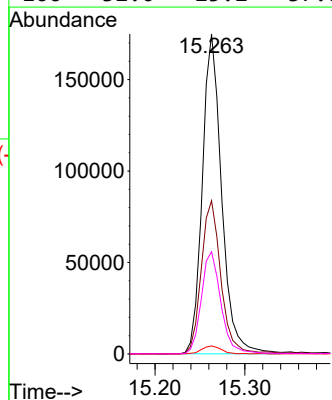
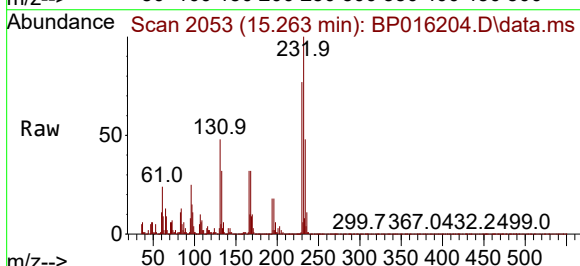
Ion Ratio Lower Upper

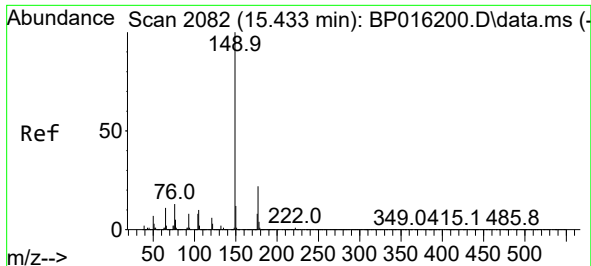
232 100

131 47.9 38.6 57.8

130 2.5 2.2 3.4

166 32.0 25.2 37.8

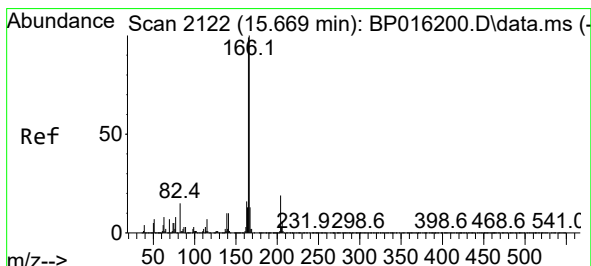
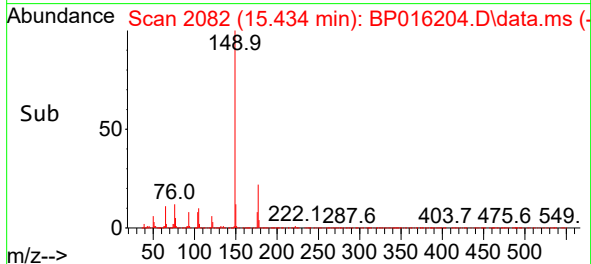
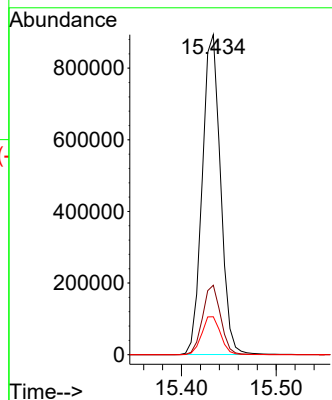
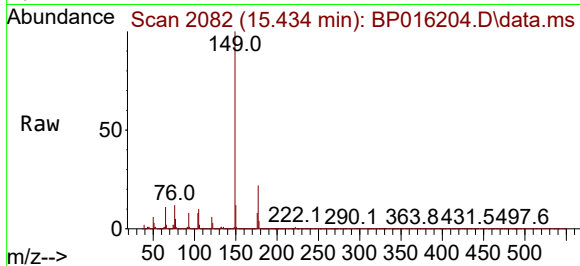




#59
Diethylphthalate
Concen: 33.387 ng/ul
RT: 15.434 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

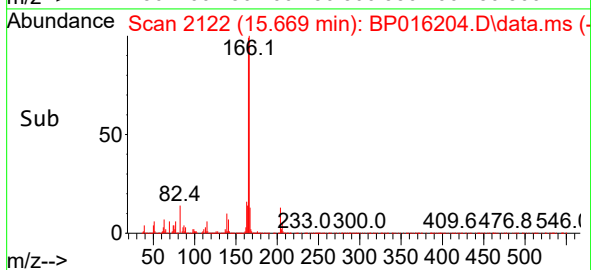
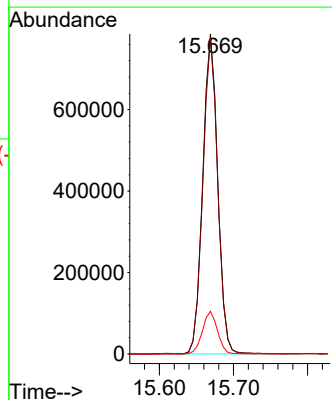
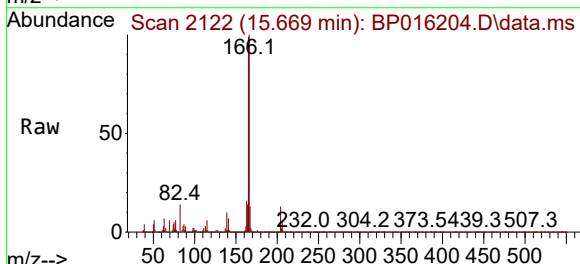
Instrument :
BNA_P
ClientSampleId :
YBW43MS

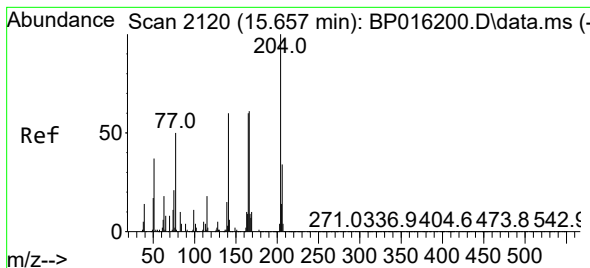
Tgt Ion:149 Resp: 1198474
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 11.9 10.2 15.2



#61
Fluorene
Concen: 33.279 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:166 Resp: 1101755
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.4 11.0 16.4

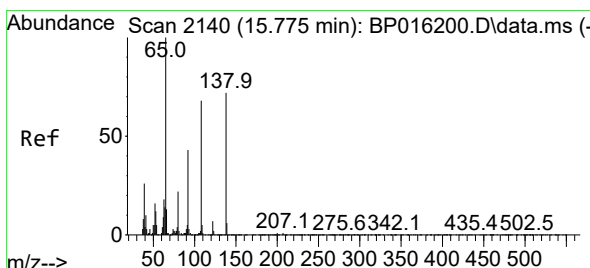
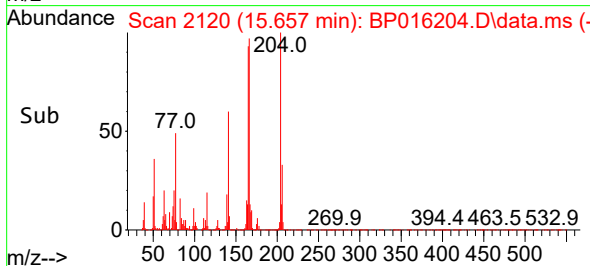
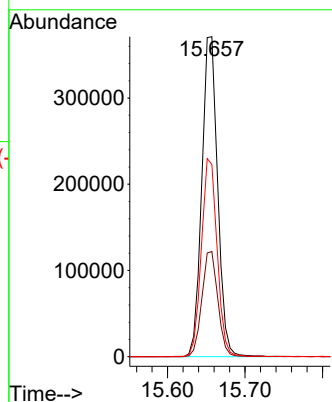
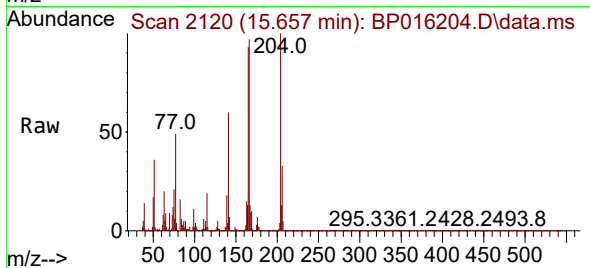




#62
4-Chlorophenyl-phenylether
Concen: 32.979 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

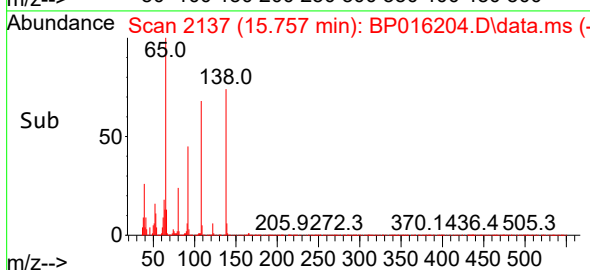
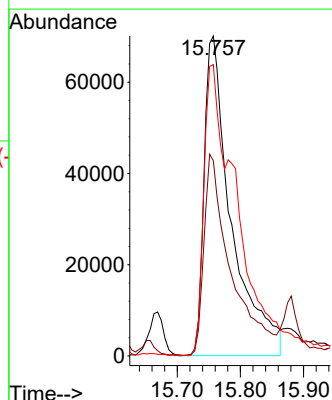
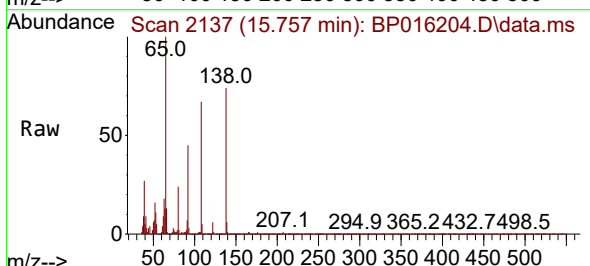
Instrument :
BNA_P
ClientSampleId :
YBW43MS

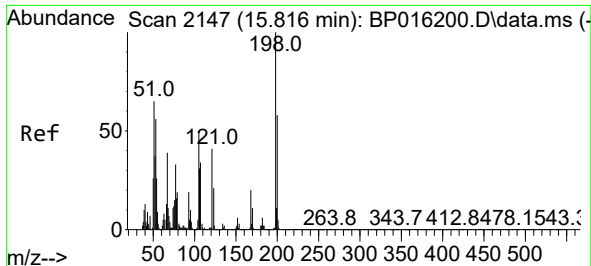
Tgt Ion:204 Resp: 528049
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.2
141 60.1 48.2 72.2



#63
4-Nitroaniline
Concen: 34.381 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.017 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:138 Resp: 208663
Ion Ratio Lower Upper
138 100
92 61.1 46.6 70.0
108 91.1 68.3 102.5

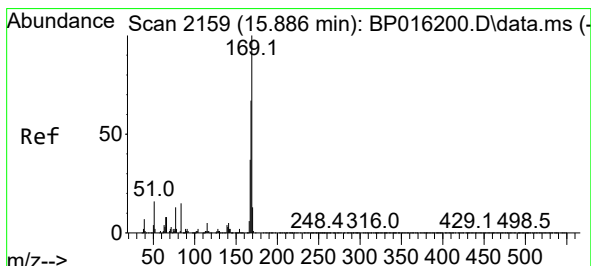
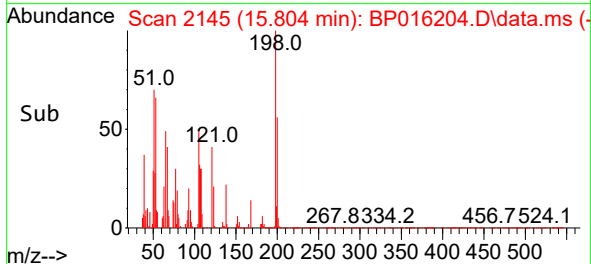
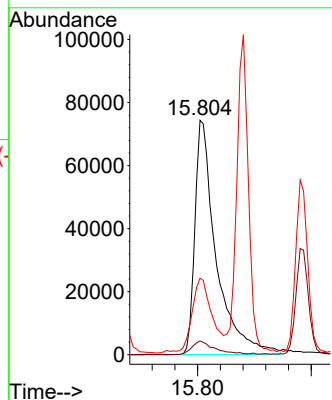
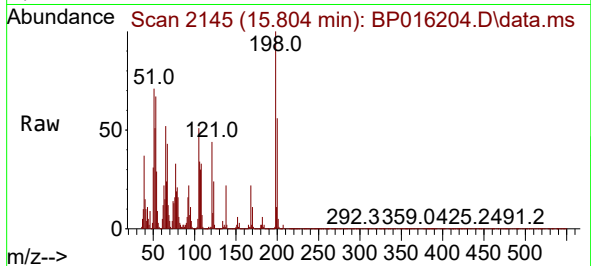




#66
4,6-Dinitro-2-methylphenol
Concen: 31.103 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

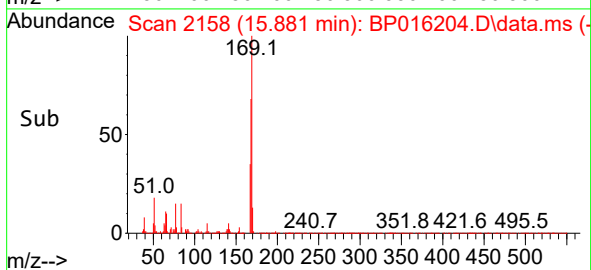
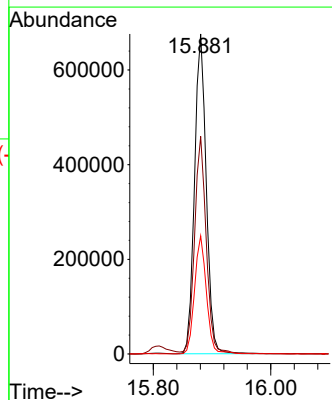
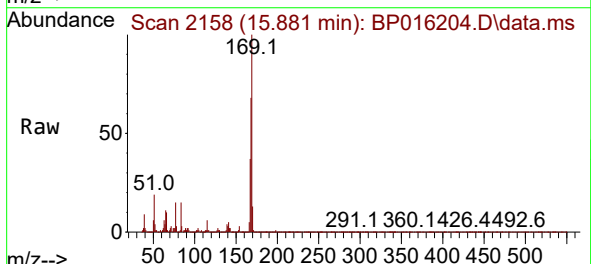
Instrument :
BNA_P
ClientSampleId :
YBW43MS

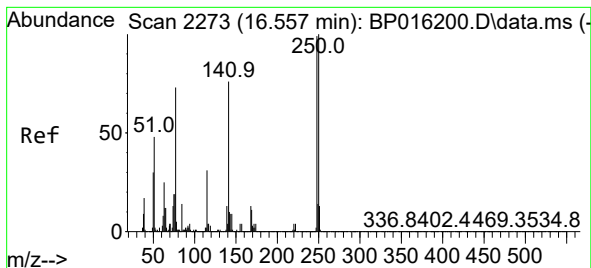
Tgt Ion:198 Resp: 193695
Ion Ratio Lower Upper
198 100
182 5.9 4.3 6.5
77 32.6 26.3 39.5



#67
N-Nitrosodiphenylamine
Concen: 34.224 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:169 Resp: 936295
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.4
167 36.9 30.2 45.4

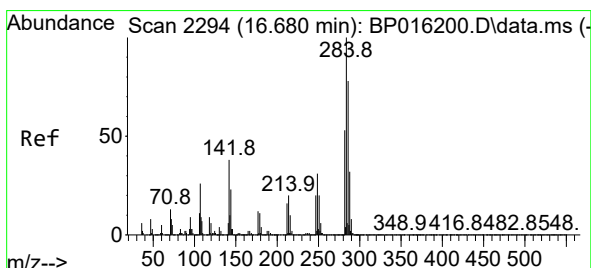
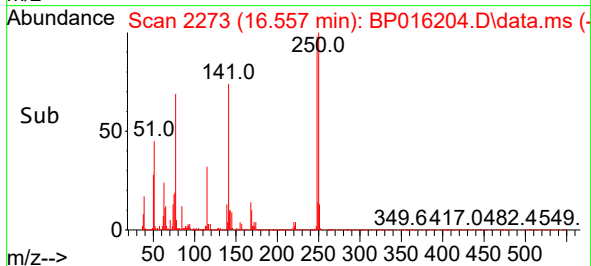
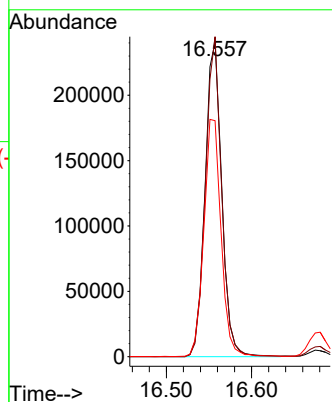
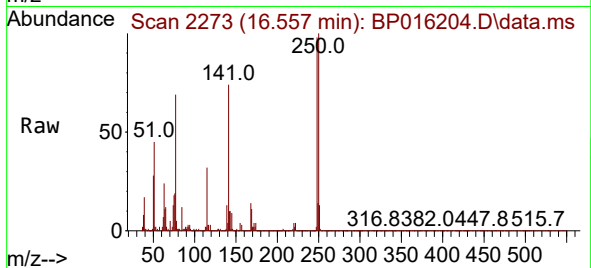




#68
4-Bromophenyl-phenylether
Concen: 33.444 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

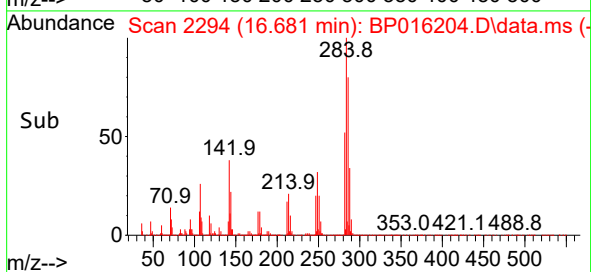
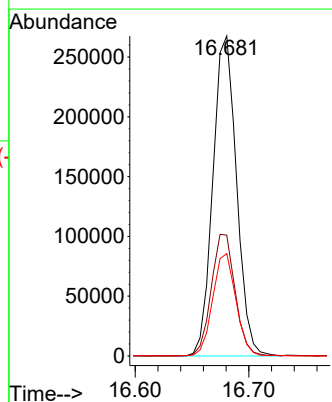
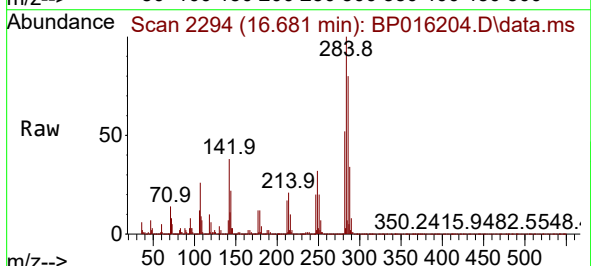
Instrument :
BNA_P
ClientSampleId :
YBW43MS

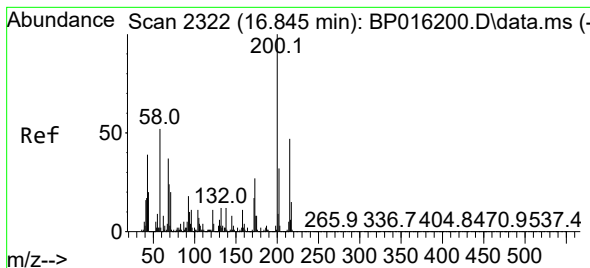
Tgt Ion:248 Resp: 328048
Ion Ratio Lower Upper
248 100
250 101.7 78.4 117.6
141 75.0 61.4 92.2



#69
Hexachlorobenzene
Concen: 32.776 ng/ul
RT: 16.681 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:284 Resp: 387166
Ion Ratio Lower Upper
284 100
142 37.8 30.2 45.4
249 32.0 25.0 37.4





#70

Atrazine

Concen: 23.198 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

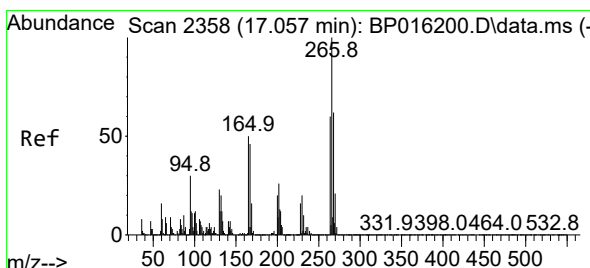
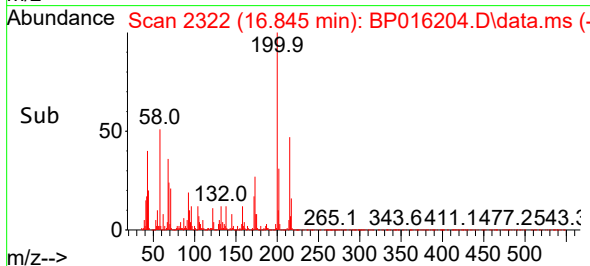
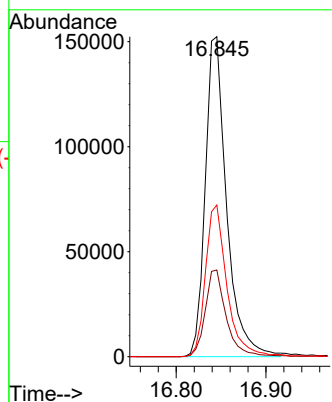
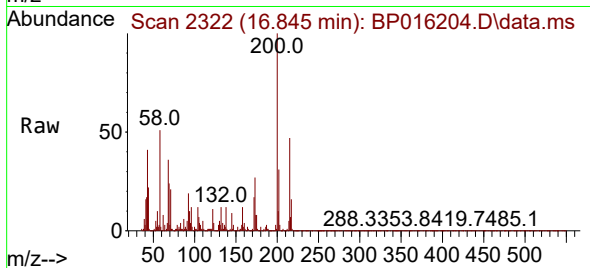
Tgt Ion:200 Resp: 251662

Ion Ratio Lower Upper

200 100

173 27.1 21.8 32.8

215 47.4 38.7 58.1



#71

Pentachlorophenol

Concen: 29.184 ng/ul

RT: 17.051 min Scan# 2357

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

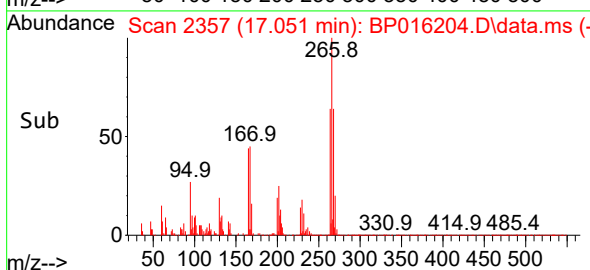
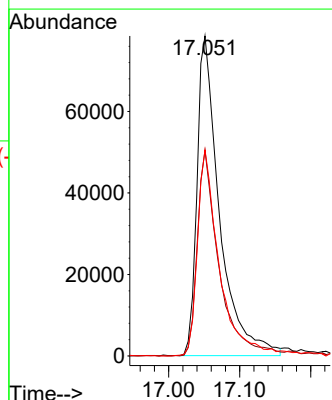
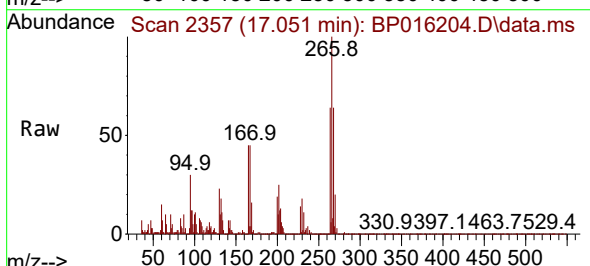
Tgt Ion:266 Resp: 172871

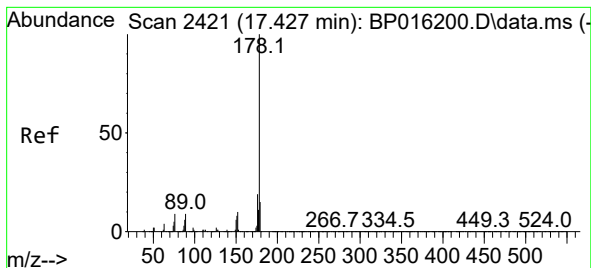
Ion Ratio Lower Upper

266 100

264 64.3 49.8 74.8

268 64.4 49.5 74.3





#72

Phenanthrene

Concen: 33.566 ng/ul

RT: 17.422 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

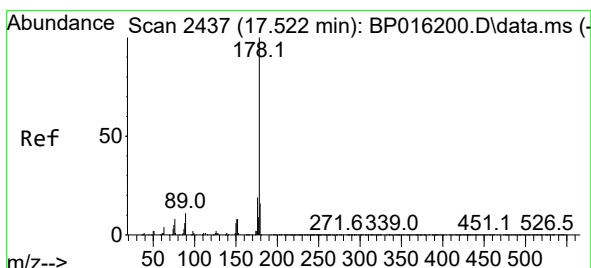
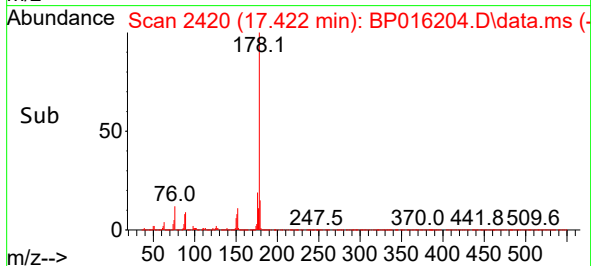
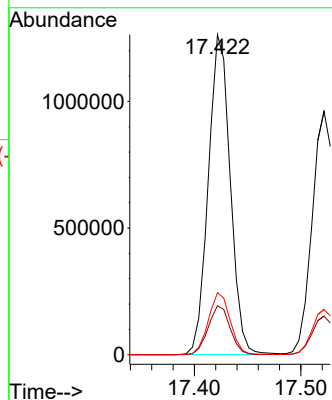
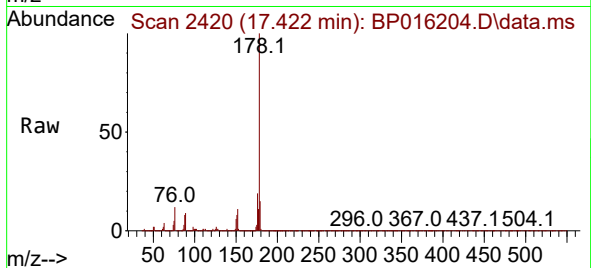
Tgt Ion:178 Resp: 1805134

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.4 15.6 23.4



#74

Anthracene

Concen: 33.112 ng/ul

RT: 17.522 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

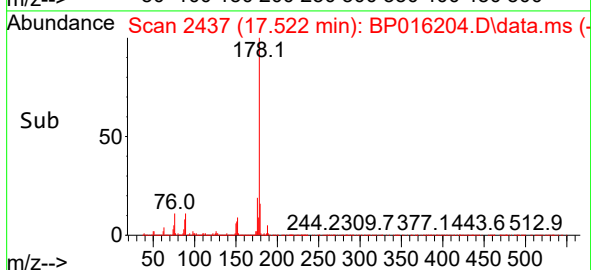
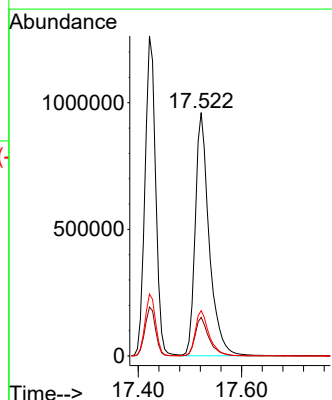
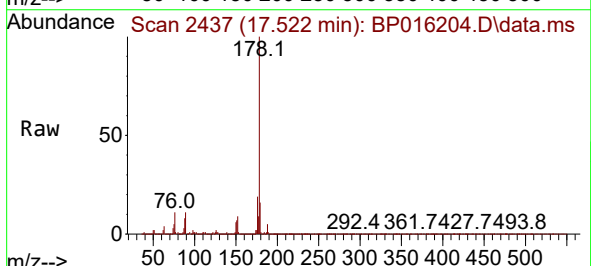
Tgt Ion:178 Resp: 1789364

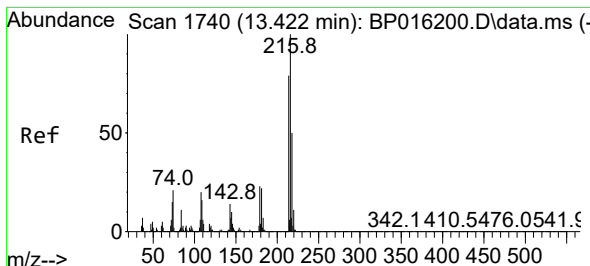
Ion Ratio Lower Upper

178 100

179 15.8 11.9 17.9

176 18.6 15.0 22.4

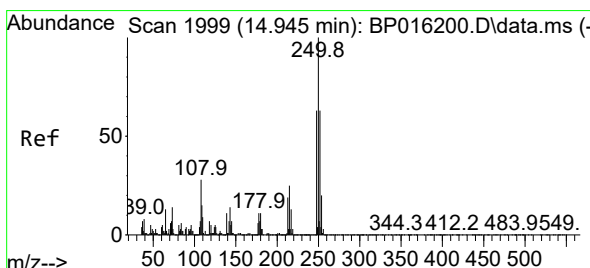
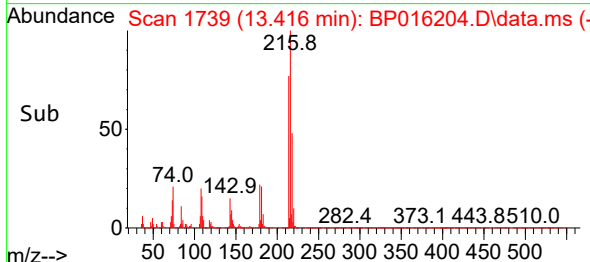
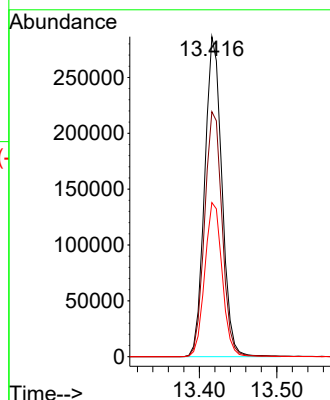
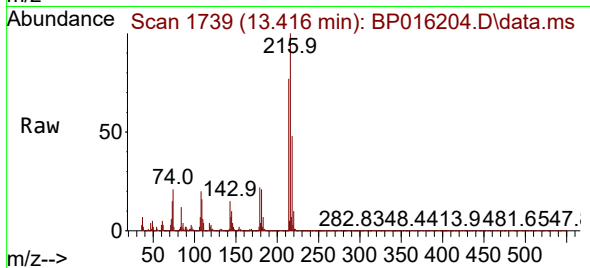




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.651 ng/uL
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

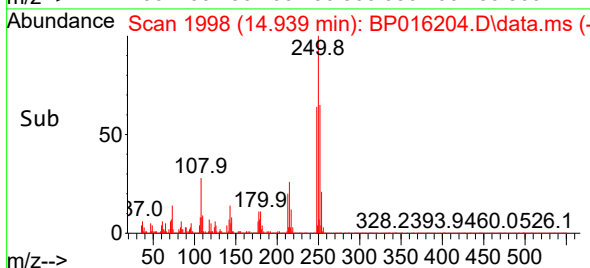
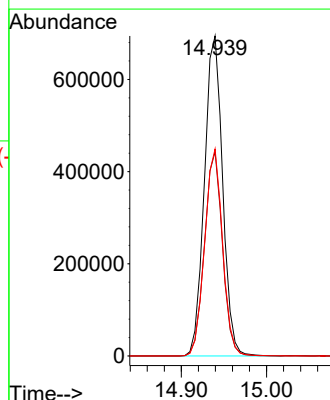
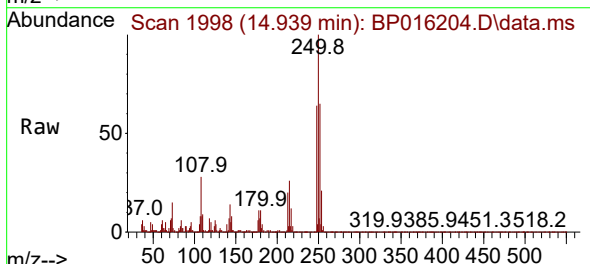
Instrument :
BNA_P
ClientSampleId :
YBW43MS

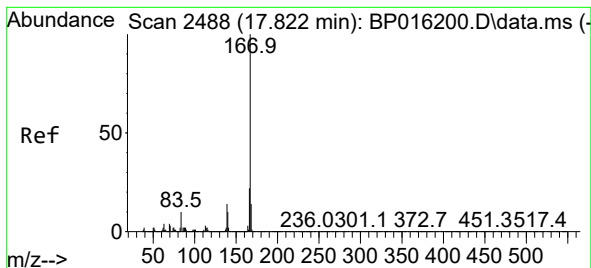
Tgt Ion:216 Resp: 442414
Ion Ratio Lower Upper
216 100
214 76.6 62.6 94.0
218 48.2 38.5 57.7



#76
Pentachlorobenzene
Concen: 80.664 ng/uL
RT: 14.939 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:250 Resp: 1031698
Ion Ratio Lower Upper
250 100
248 63.8 50.5 75.7
252 64.7 51.7 77.5





#77

Carbazole

Concen: 33.964 ng/ul

RT: 17.810 min Scan# 2488

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

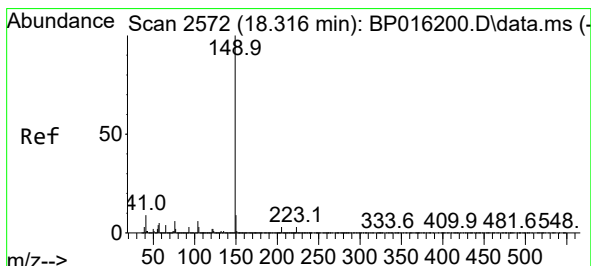
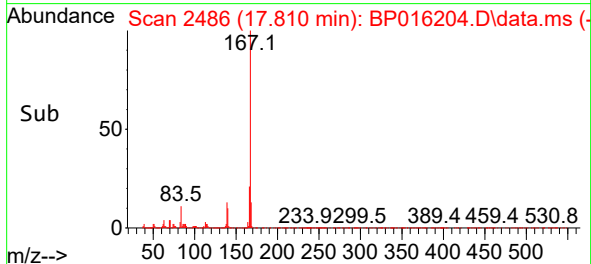
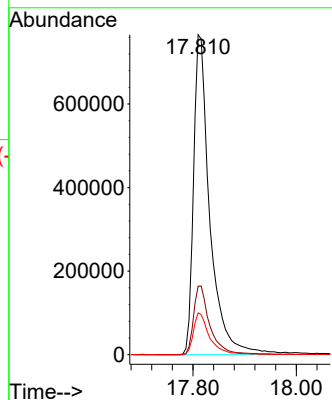
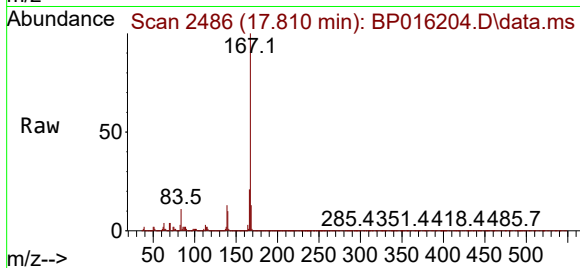
Tgt Ion:167 Resp: 1673400

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

139 13.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.681 ng/ul

RT: 18.316 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

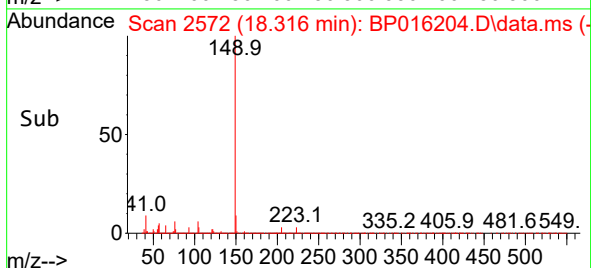
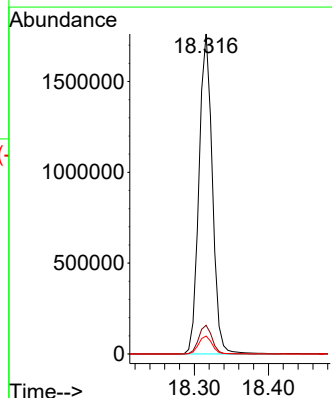
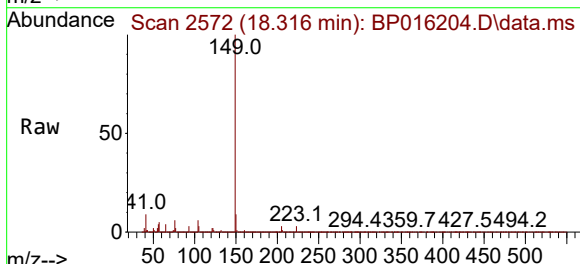
Tgt Ion:149 Resp: 2202244

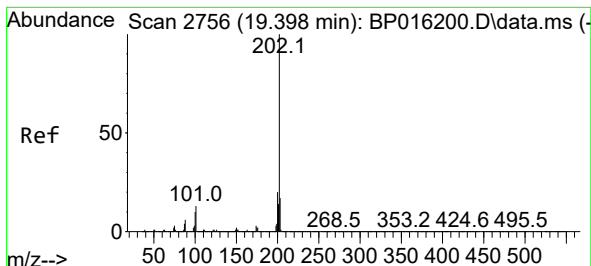
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.6 4.6 7.0





#80

Fluoranthene

Concen: 34.267 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

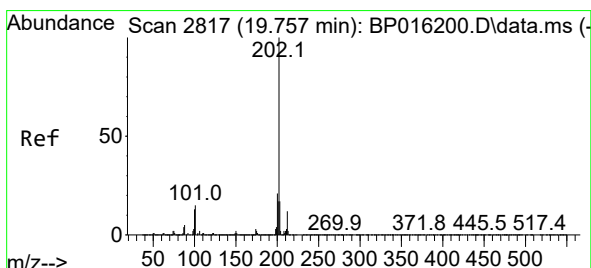
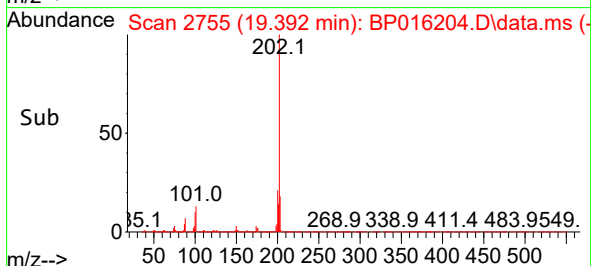
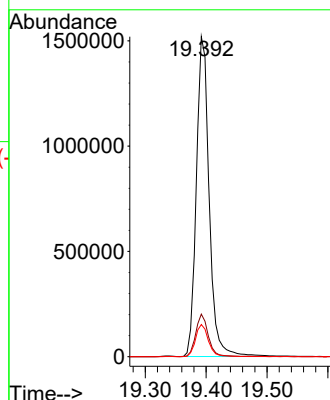
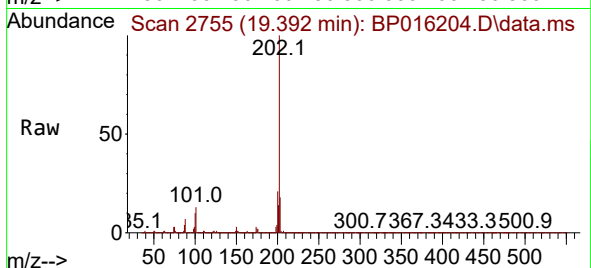
Tgt Ion:202 Resp: 2228087

Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

100 10.1 8.2 12.4



#82

Pyrene

Concen: 33.576 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

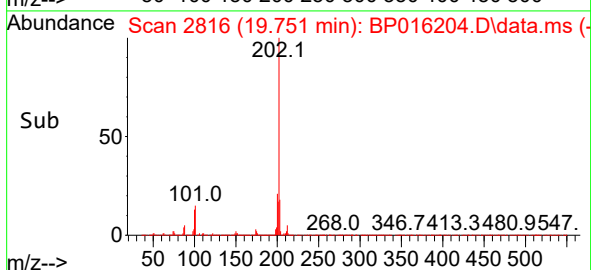
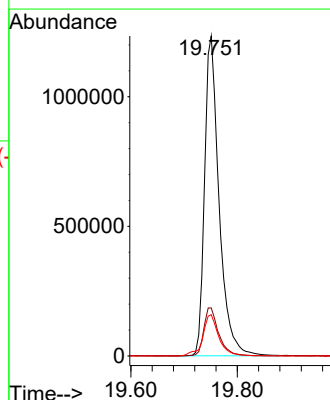
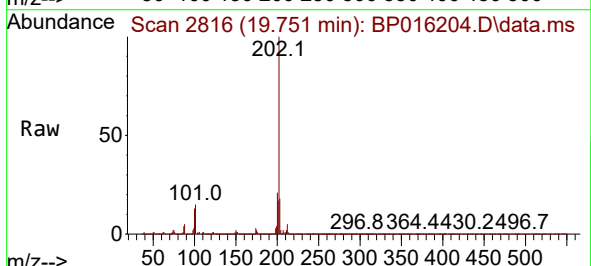
Tgt Ion:202 Resp: 2330867

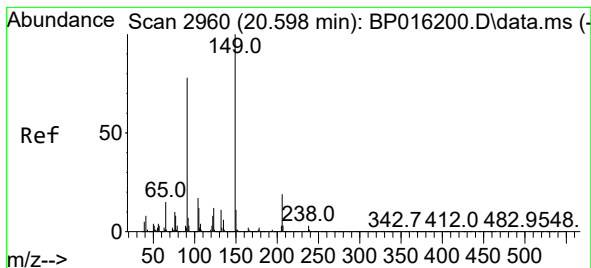
Ion Ratio Lower Upper

202 100

101 15.0 12.4 18.6

100 12.9 10.5 15.7





#83

Butylbenzylphthalate

Concen: 35.989 ng/ul

RT: 20.592 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

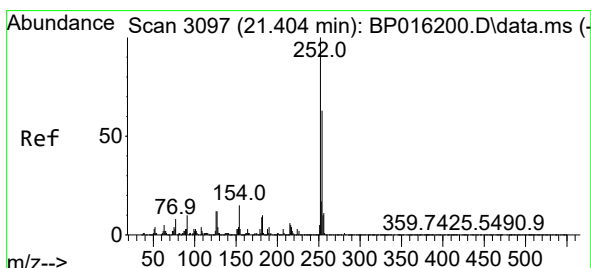
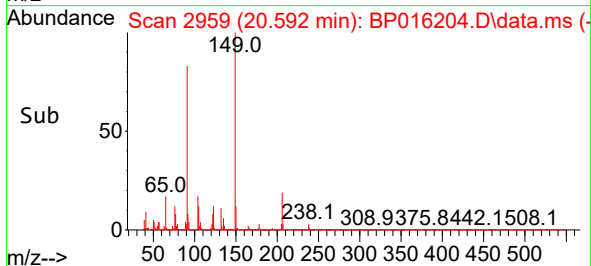
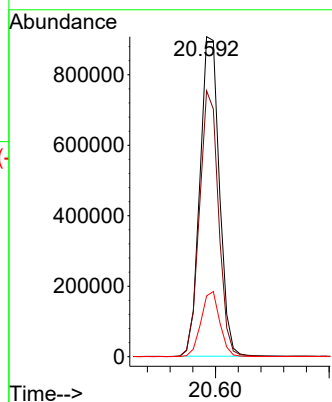
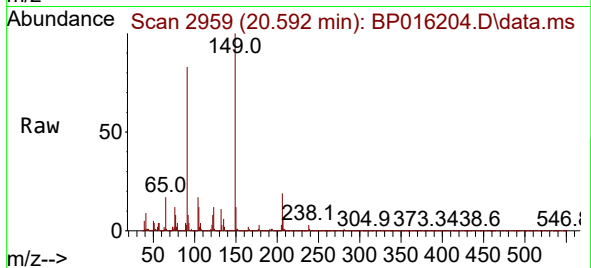
Tgt Ion:149 Resp: 1077478

Ion Ratio Lower Upper

149 100

91 83.1 67.1 100.7

206 19.0 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 32.813 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

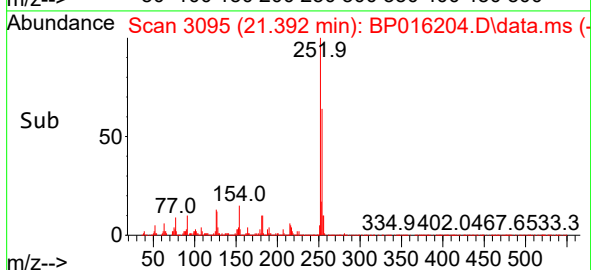
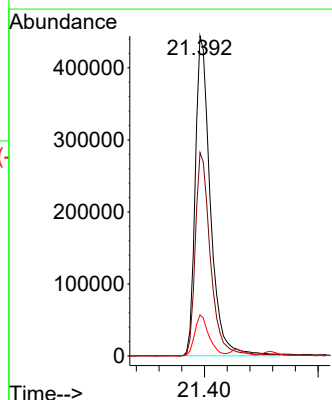
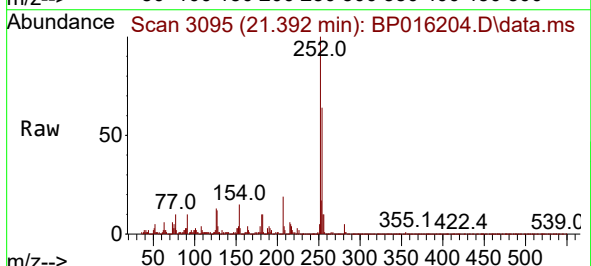
Tgt Ion:252 Resp: 821549

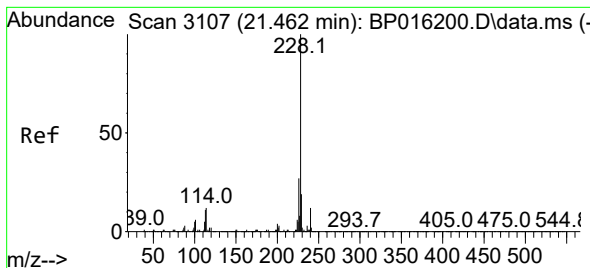
Ion Ratio Lower Upper

252 100

254 63.6 50.6 76.0

126 12.8 9.4 14.0





#85

Benzo(a)anthracene

Concen: 33.569 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

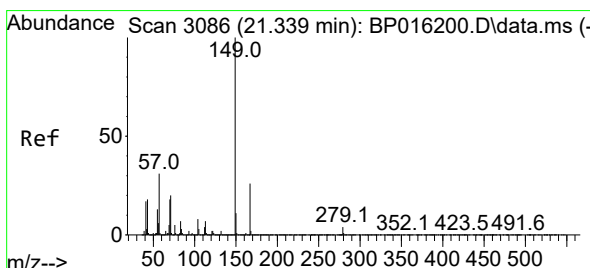
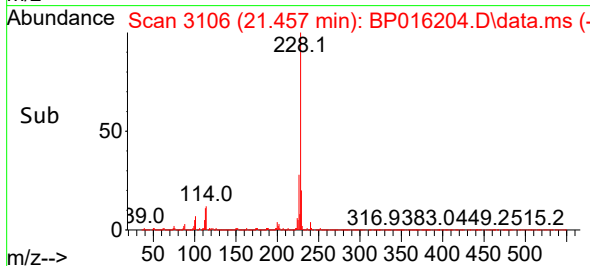
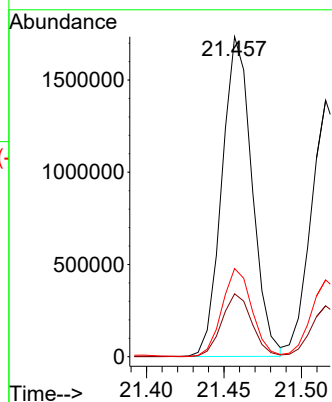
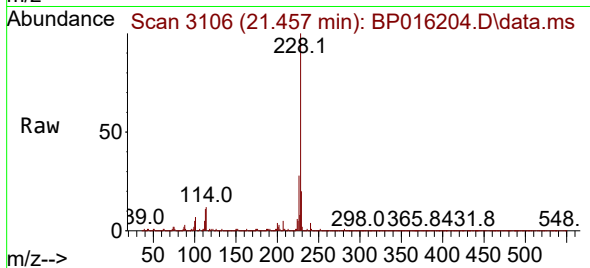
Tgt Ion:228 Resp: 2342449

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.5 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.676 ng/ul

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

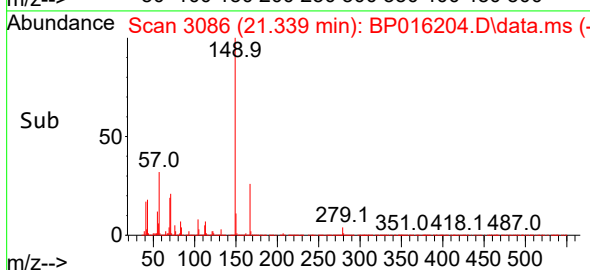
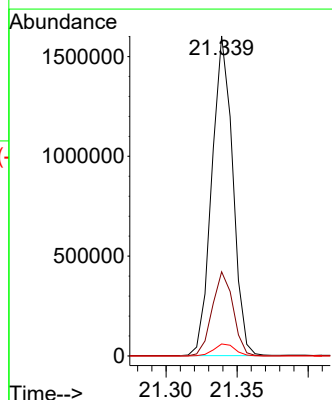
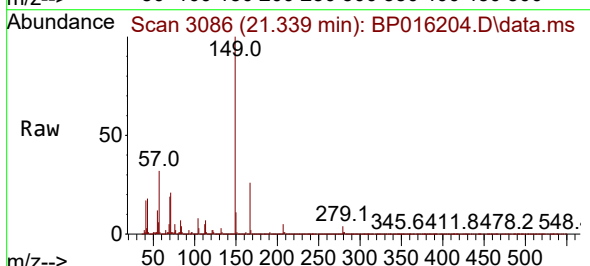
Tgt Ion:149 Resp: 1640347

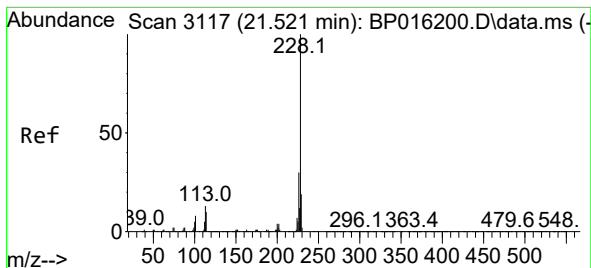
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 3.8 3.0 4.6





#87

Chrysene

Concen: 32.820 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

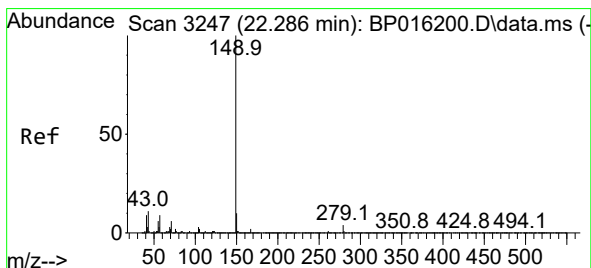
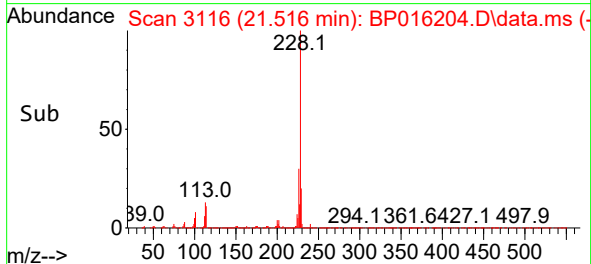
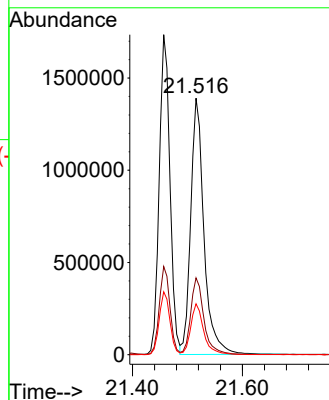
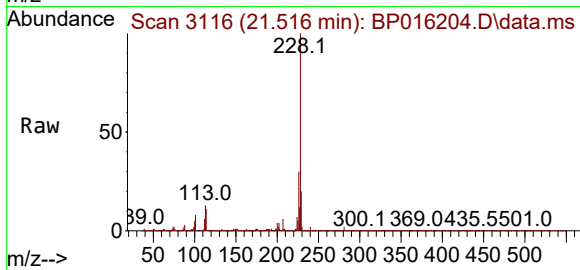
Tgt Ion:228 Resp: 2320043

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 35.940 ng/ul

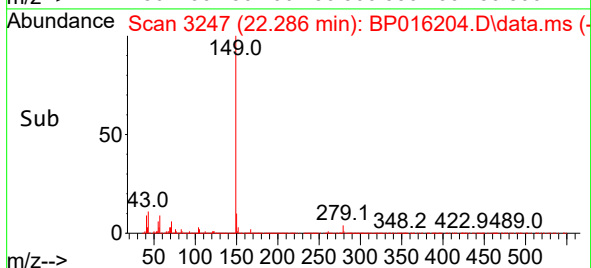
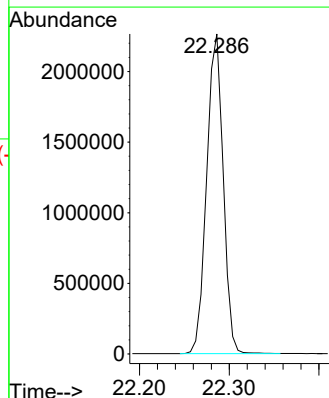
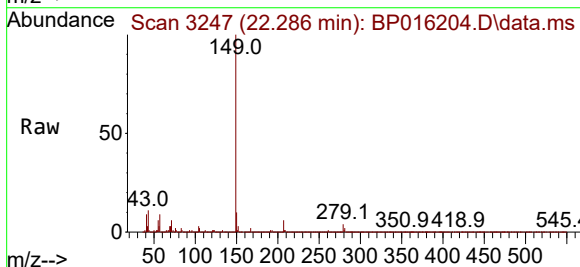
RT: 22.286 min Scan# 3247

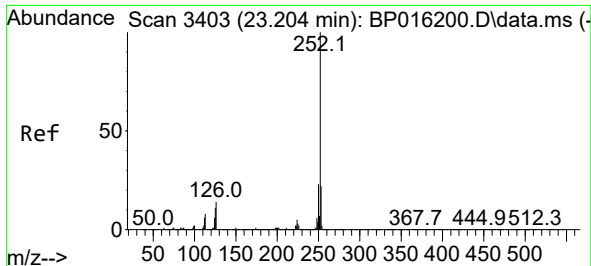
Delta R.T. 0.000 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Tgt Ion:149 Resp: 2890467

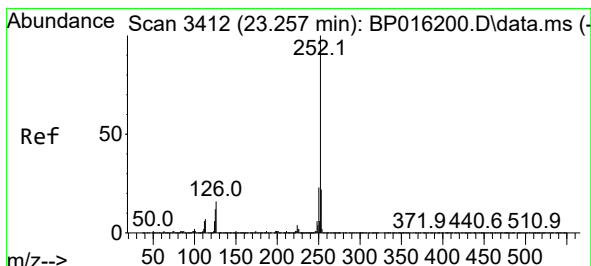
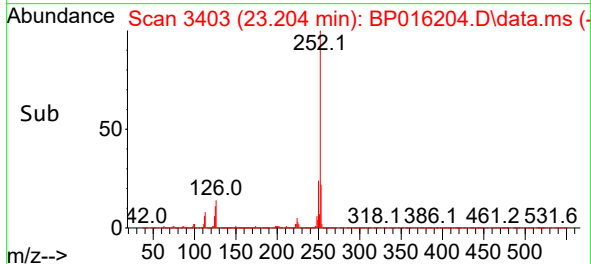
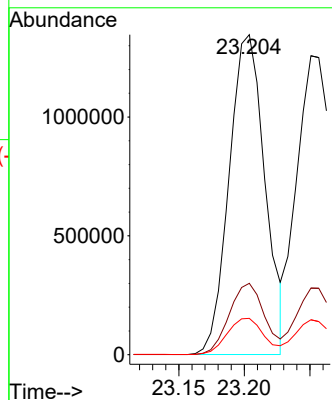
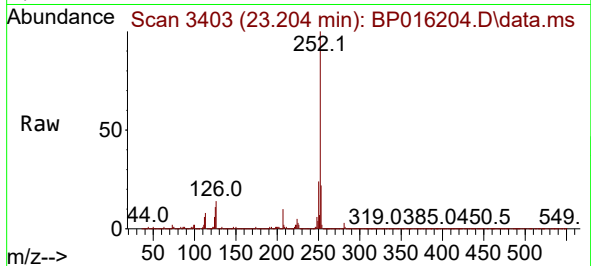




#90
Benzo(b)fluoranthene
Concen: 34.904 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

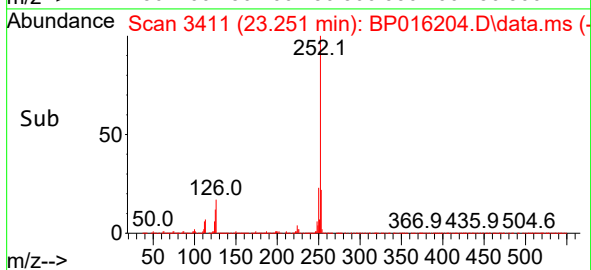
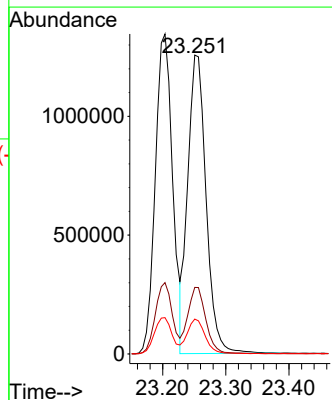
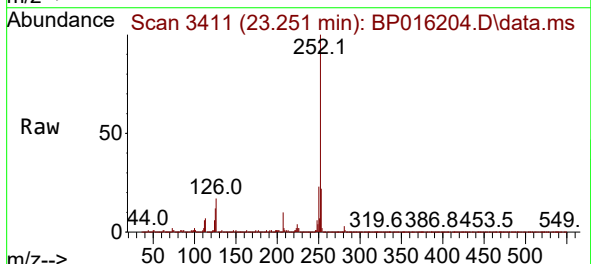
Instrument :
BNA_P
ClientSampleId :
YBW43MS

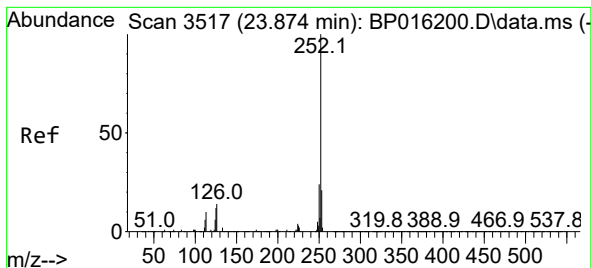
Tgt Ion:252 Resp: 2559964
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.4 9.4 14.0



#91
Benzo(k)fluoranthene
Concen: 34.009 ng/ul
RT: 23.251 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP016204.D
Acq: 13 Jul 2023 12:25

Tgt Ion:252 Resp: 2538346
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.7 9.3 13.9





#93

Benzo(a)pyrene

Concen: 31.621 ng/ul

RT: 23.863 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

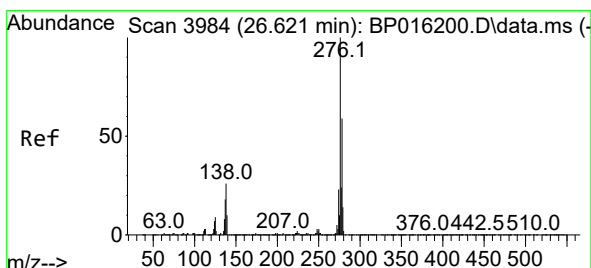
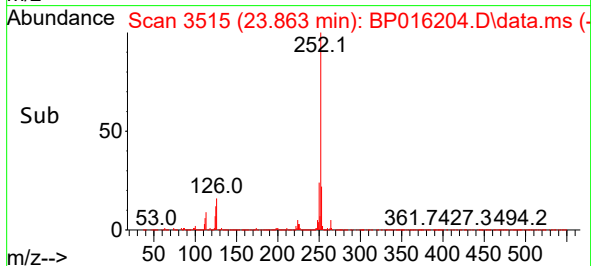
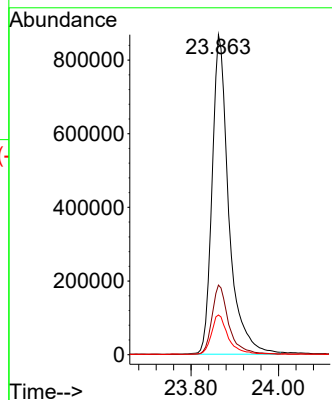
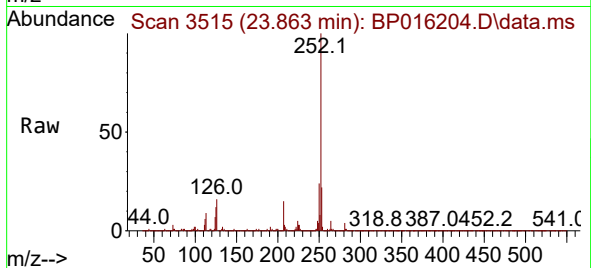
Tgt Ion:252 Resp: 2297475

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 12.4 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.181 ng/ul

RT: 26.609 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

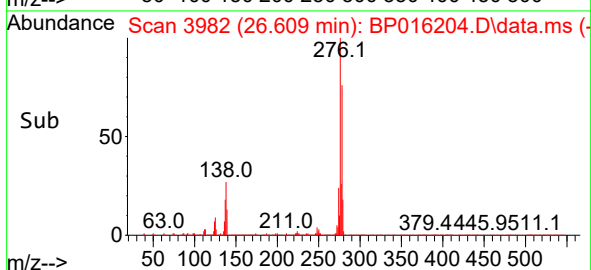
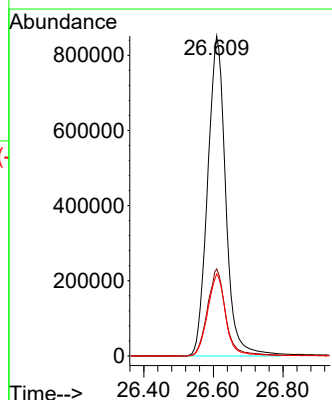
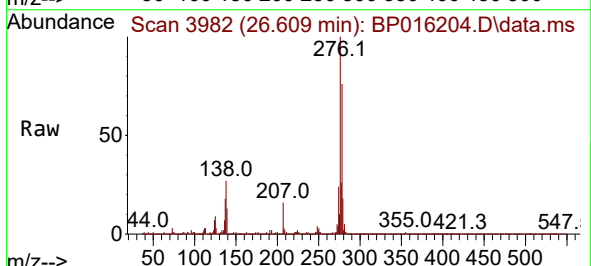
Tgt Ion:276 Resp: 3075165

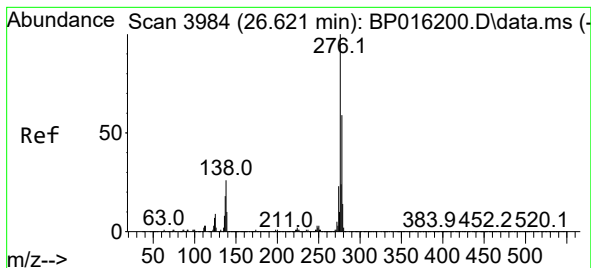
Ion Ratio Lower Upper

276 100

138 27.2 20.8 31.2

277 25.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 34.389 ng/ul

RT: 26.609 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Instrument :

BNA_P

ClientSampleId :

YBW43MS

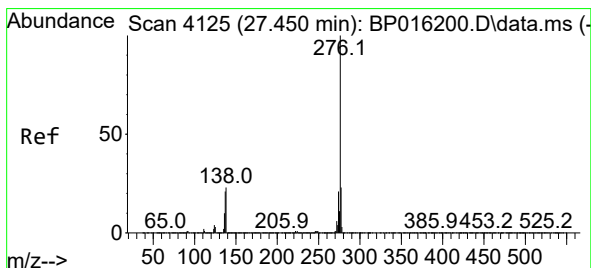
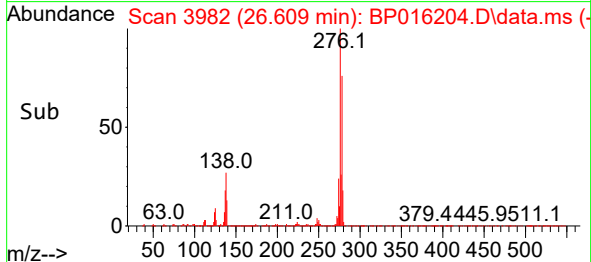
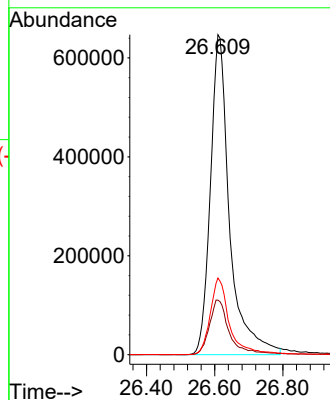
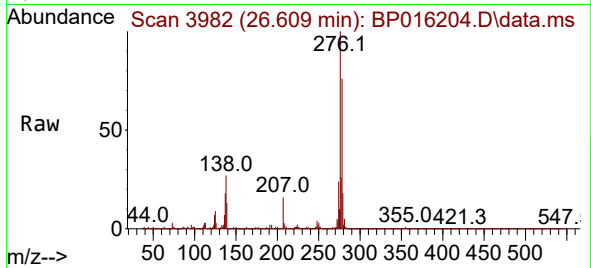
Tgt Ion:278 Resp: 2523658

Ion Ratio Lower Upper

278 100

139 17.0 13.9 20.9

279 24.0 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 34.693 ng/ul

RT: 27.433 min Scan# 4122

Delta R.T. -0.017 min

Lab File: BP016204.D

Acq: 13 Jul 2023 12:25

Tgt Ion:276 Resp: 2491405

Ion Ratio Lower Upper

276 100

138 24.5 19.0 28.4

277 24.1 19.0 28.4

