

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
 Data File : BP016205.D
 Acq On : 13 Jul 2023 13:14
 Operator : MA/JU
 Sample : 03404-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW43MSD

Quant Time: Jul 14 00:42:22 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	174100	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	822928	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	537043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1218115	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1232693	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1483095	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	22652	4.604	ng/uL	0.00
4) Pyridine-d5	3.734	84	255681	20.837	ng/u1	0.00
7) Phenol-d5	7.140	99	457451	29.090	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	289313	27.208	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	325823	28.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	363040	28.658	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	166288	29.290	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	192722	29.784	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.440	165	349061	31.152	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.957	131	419860	23.377	ng/u1	-0.01
46) Dimethylphthalate-d6	14.034	166	1138508	27.791	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1260733	28.082	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	119922	14.344	ng/u1	-0.05
60) Fluorene-d10	15.616	176	956023	27.885	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	188532	26.811	ng/u1	0.00
73) Anthracene-d10	17.486	188	1483888	27.849	ng/u1	0.00
81) Pyrene-d10	19.721	212	1858783	29.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	2055486	28.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	65022	12.048	ng/uL	94
5) Pyridine	3.752	79	390927	31.104	ng/u1	99
6) Benzaldehyde	7.116	77	295520	30.096	ng/u1	97
8) Phenol	7.169	94	594875	35.289	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	460848	33.616	ng/u1	98
12) 2-Chlorophenol	7.522	128	423474	35.954	ng/u1	98
13) 2-Methylphenol	8.428	108	437395	34.474	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.487	45	709727	31.899	ng/u1	98
16) Acetophenone	8.810	105	726998	34.802	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	406510	36.298	ng/u1	98
18) 4-Methylphenol	8.769	108	486942	35.096	ng/u1	97
19) Hexachloroethane	9.028	117	178871	33.312	ng/u1	97
22) Nitrobenzene	9.193	77	587915	35.641	ng/u1	99
23) Isophorone	9.716	82	1141374	34.908	ng/u1	99
25) 2-Nitrophenol	9.916	139	254197	36.563	ng/u1	94
26) 2,4-Dimethylphenol	9.969	107	477821	31.253	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.198	93	671729	35.282	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	426455	37.013	ng/u1	97
30) Naphthalene	10.834	128	1440595	33.358	ng/u1	99
32) 4-Chloroaniline	10.987	127	492459	27.568	ng/u1	98
33) Hexachlorobutadiene	11.093	225	260495	33.288	ng/u1	99
34) Caprolactam	11.793	113	153985	36.917	ng/u1	94
35) 4-Chloro-3-methylphenol	12.116	107	518692	36.480	ng/u1	99
36) 2-Methylnaphthalene	12.445	142	971744	33.559	ng/u1	99

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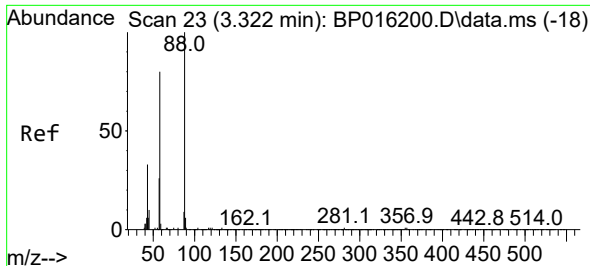
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	979593	32.895	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	520652	34.040	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	138274	23.028	ng/ul	98
41) 2,4,6-Trichlorophenol	13.081	196	340656	35.252	ng/ul	98
42) 2,4,5-Trichlorophenol	13.169	196	374797	36.481	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	1338958	34.179	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	1048217	34.057	ng/ul	99
45) 2-Nitroaniline	13.739	65	372211	37.108	ng/ul	98
47) Dimethylphthalate	14.081	163	1383036	33.426	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	285117	36.552	ng/ul	99
50) Acenaphthylene	14.345	152	1662446	32.240	ng/ul	100
51) 3-Nitroaniline	14.581	138	278396	35.146	ng/ul	97
52) Acenaphthene	14.681	153	1152964	33.060	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	144967	26.553	ng/ul	94
55) 4-Nitrophenol	14.939	109	126839	19.936	ng/ul#	47
56) Dibenzofuran	15.028	168	1595165	33.580	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	415775	36.133	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	317658	34.069	ng/ul	98
59) Diethylphthalate	15.439	149	1430837	33.254	ng/ul	99
61) Fluorene	15.675	166	1308943	32.985	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	633795	33.023	ng/ul	99
63) 4-Nitroaniline	15.757	138	263631	36.239	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	235471	32.038	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	1111706	34.431	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	398034	34.384	ng/ul	98
69) Hexachlorobenzene	16.686	284	467401	33.527	ng/ul	98
70) Atrazine	16.845	200	307684	24.032	ng/ul	100
71) Pentachlorophenol	17.051	266	209554	29.975	ng/ul	99
72) Phenanthrene	17.427	178	2124038	33.466	ng/ul	100
74) Anthracene	17.528	178	2124683	33.315	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	536145	33.527	ng/ul	99
76) Pentachlorobenzene	14.939	250	1243158	82.358	ng/ul	98
77) Carbazole	17.816	167	1984546	34.129	ng/ul	99
78) Di-n-butylphthalate	18.322	149	2636313	36.193	ng/ul	100
80) Fluoranthene	19.398	202	2612744	34.931	ng/ul	99
82) Pyrene	19.757	202	2742494	34.342	ng/ul	98
83) Butylbenzylphthalate	20.598	149	1288933	37.425	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	957303	33.237	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2726950	33.971	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1940351	37.713	ng/ul	100
87) Chrysene	21.521	228	2670371	32.839	ng/ul	100
89) Di-n-octyl phthalate	22.292	149	3373804	36.317	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	3017441	35.618	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	2859162	33.164	ng/ul	99
93) Benzo(a)pyrene	23.874	252	2655130	31.638	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	3519865	33.871	ng/ul	99
95) Dibenzo(a,h)anthracene	26.633	278	2890207	34.096	ng/ul	98
96) Benzo(g,h,i)perylene	27.456	276	2856159	34.433	ng/ul	100

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

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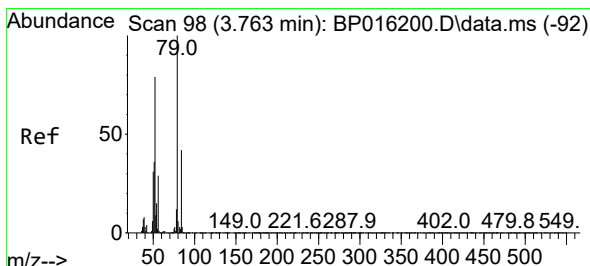
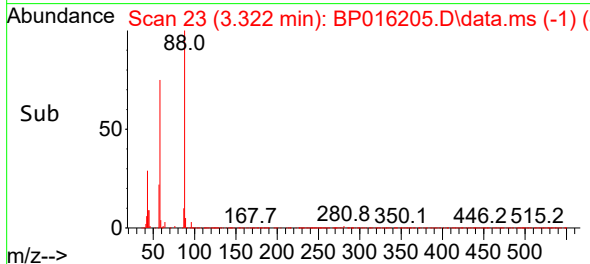
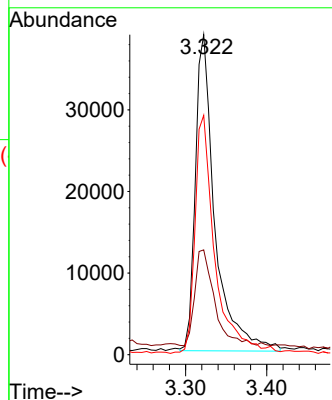
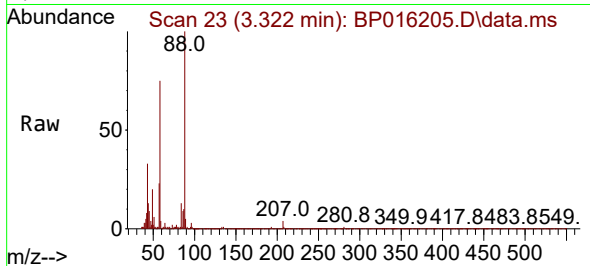




#2
1,4-Dioxane
Concen: 12.048 ng/uL
RT: 3.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

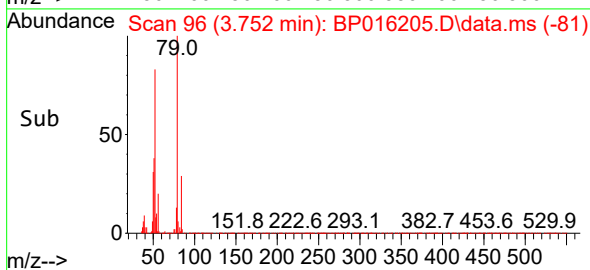
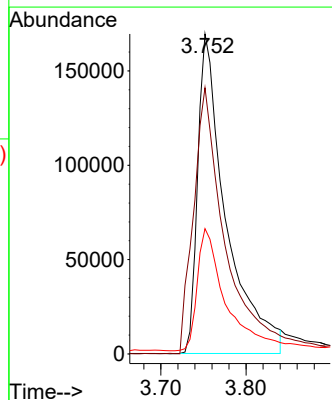
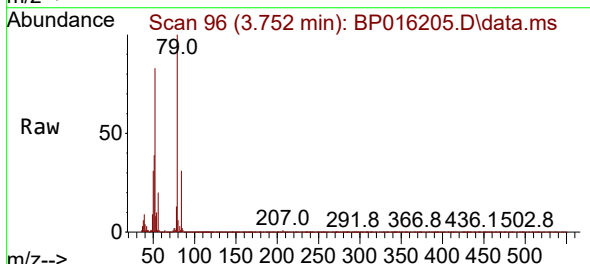
Instrument :
BNA_P
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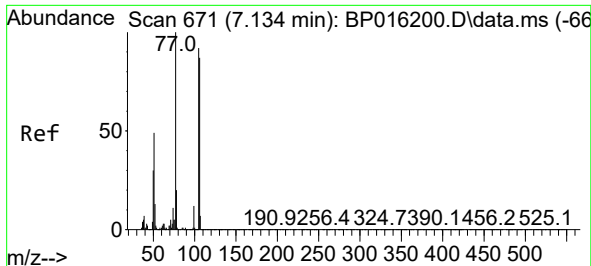
Tgt Ion: 88 Resp: 65022
Ion Ratio Lower Upper
88 100
43 32.7 22.3 33.5
58 74.8 63.1 94.7



#5
Pyridine
Concen: 31.104 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion: 79 Resp: 390927
Ion Ratio Lower Upper
79 100
52 83.2 67.7 101.5
51 39.2 31.7 47.5

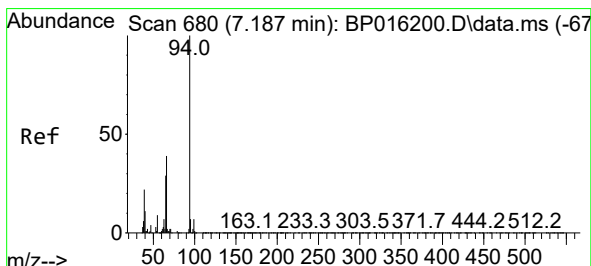
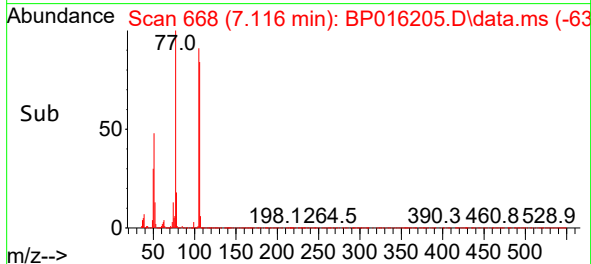
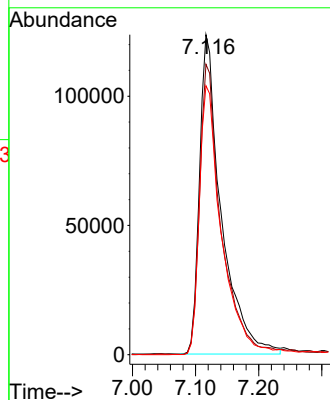
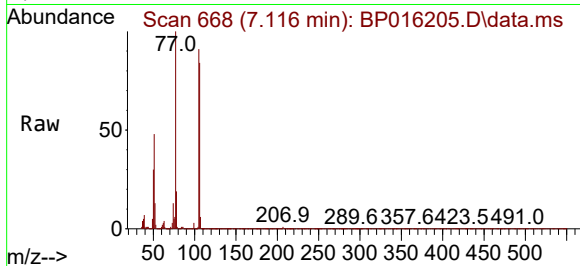




#6
Benzaldehyde
Concen: 30.096 ng/ul
RT: 7.116 min Scan# 610
Delta R.T. -0.018 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

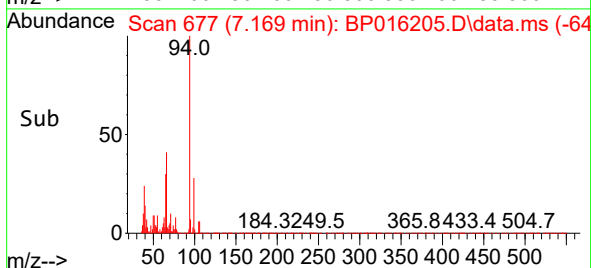
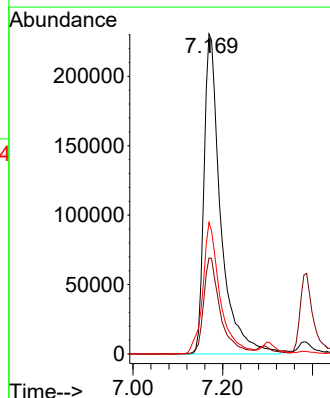
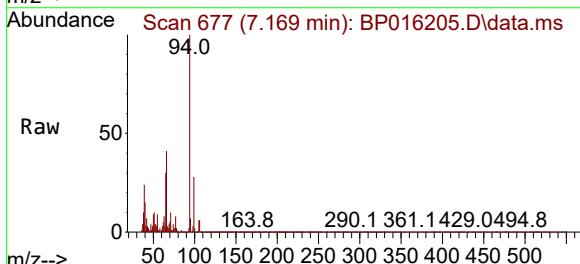
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BNA_P
ClientSampleId :
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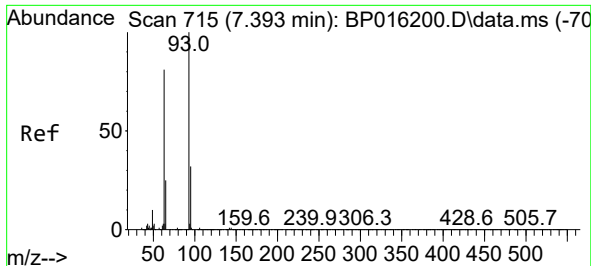
Tgt Ion: 77 Resp: 295520
Ion Ratio Lower Upper
77 100
105 90.7 69.4 104.2
106 84.0 66.2 99.4



#8
Phenol
Concen: 35.289 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion: 94 Resp: 594875
Ion Ratio Lower Upper
94 100
65 30.0 25.5 38.3
66 41.1 32.7 49.1

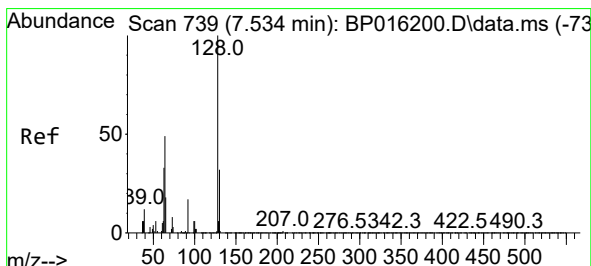
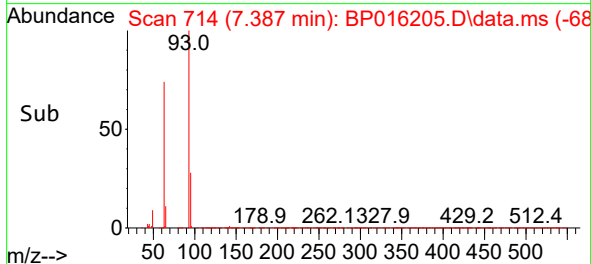
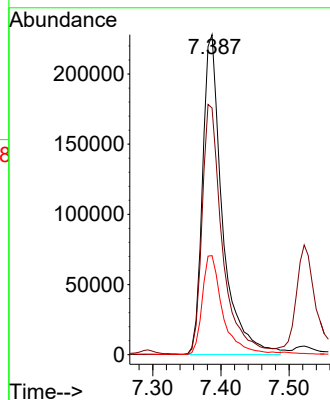
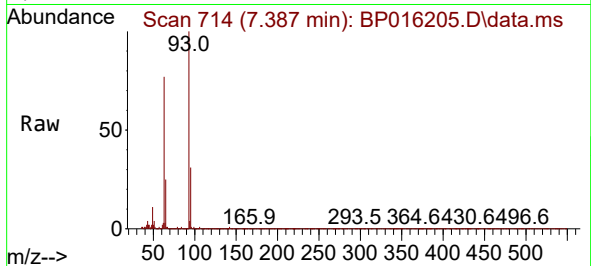




#10
Bis(2-Chloroethyl)ether
Concen: 33.616 ng/ul
RT: 7.387 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

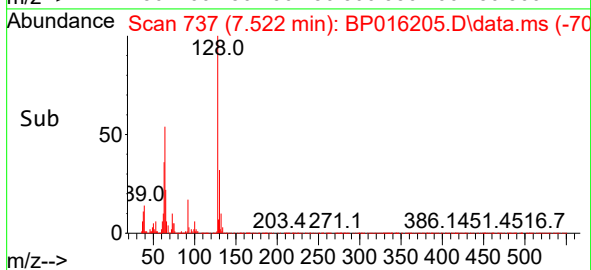
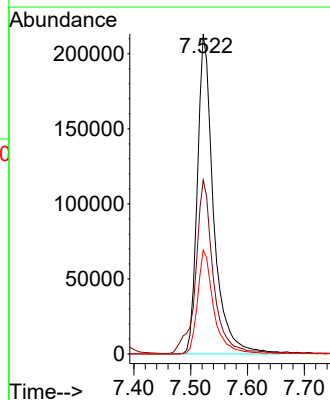
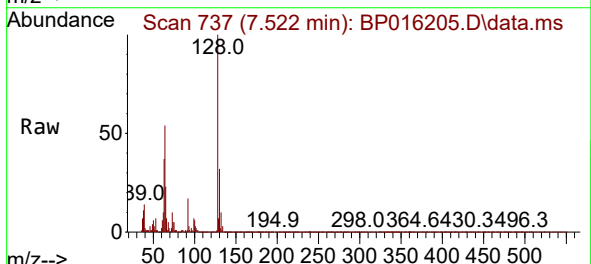
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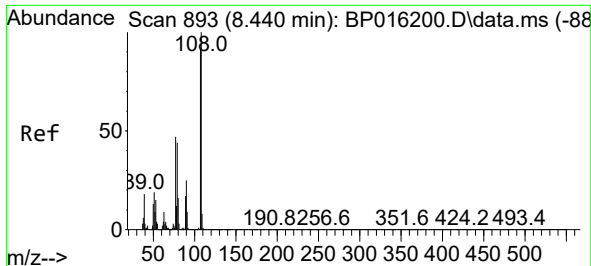
Tgt Ion: 93 Resp: 460848
Ion Ratio Lower Upper
93 100
63 77.1 63.5 95.3
95 31.0 25.1 37.7



#12
2-Chlorophenol
Concen: 35.954 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:128 Resp: 423474
Ion Ratio Lower Upper
128 100
64 54.3 44.1 66.1
130 32.5 24.3 36.5





#13

2-Methylphenol

Concen: 34.474 ng/ul

RT: 8.428 min Scan# 893

Delta R.T. -0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

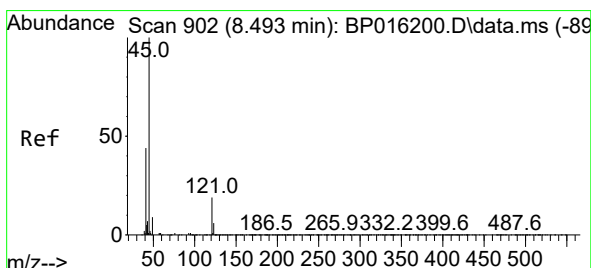
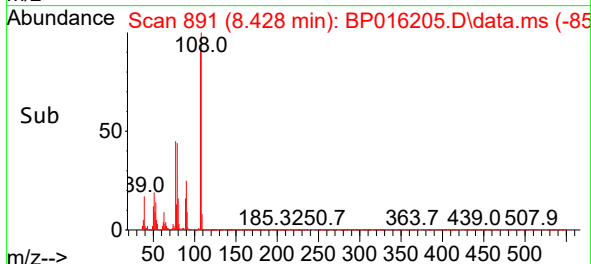
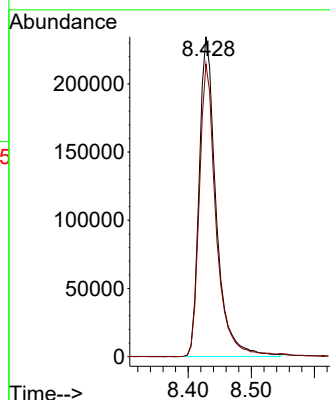
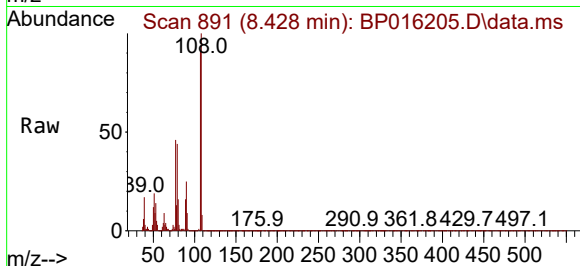
YBW43MSD

Tgt Ion:108 Resp: 437395

Ion Ratio Lower Upper

108 100

107 91.5 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.899 ng/ul

RT: 8.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

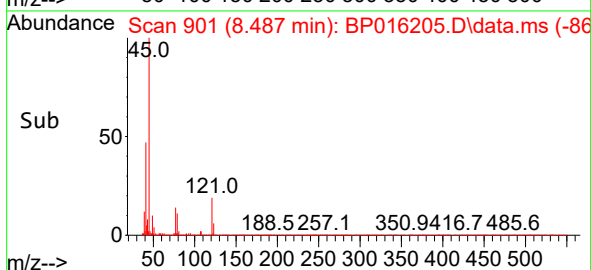
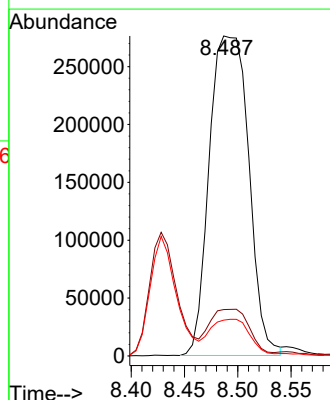
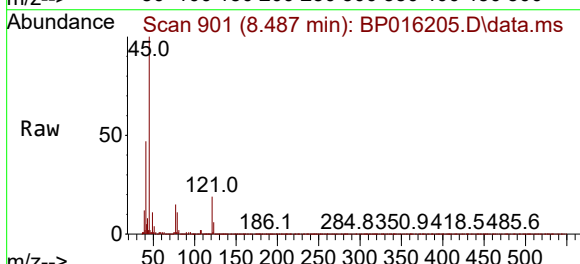
Tgt Ion: 45 Resp: 709727

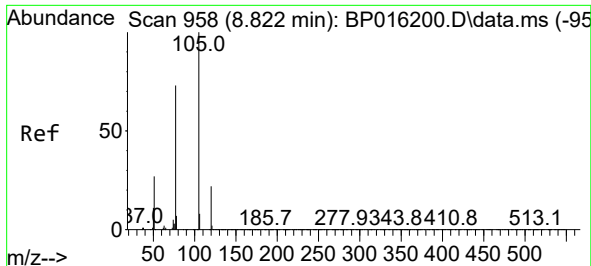
Ion Ratio Lower Upper

45 100

77 14.5 12.5 18.7

79 11.2 8.7 13.1

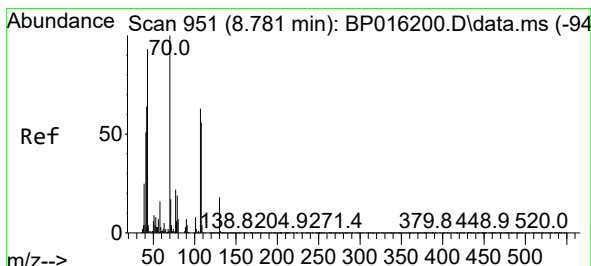
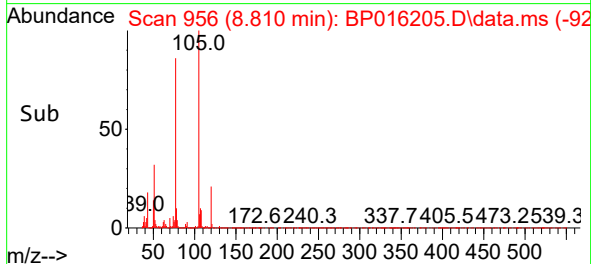
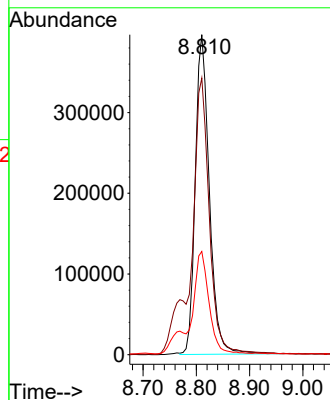
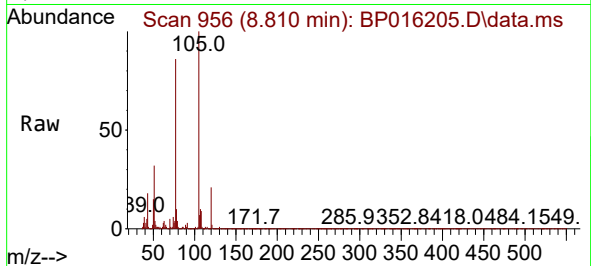




#16
Acetophenone
Concen: 34.802 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

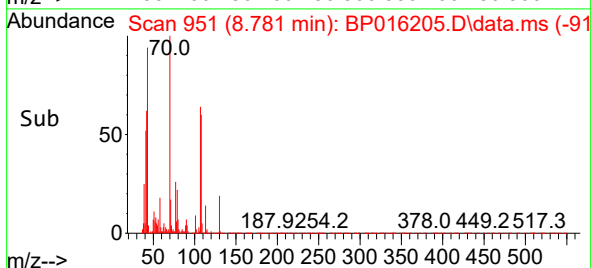
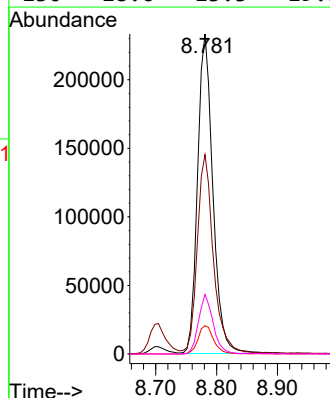
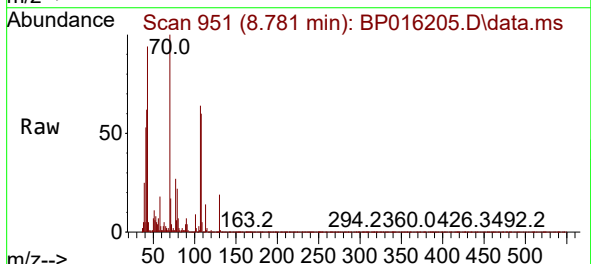
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ClientSampleId :
YBW43MSD

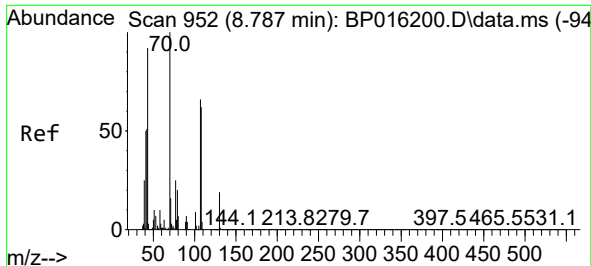
Tgt Ion:105 Resp: 726998
Ion Ratio Lower Upper
105 100
77 86.5 70.2 105.2
51 32.3 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 36.298 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion: 70 Resp: 406510
Ion Ratio Lower Upper
70 100
42 62.3 50.8 76.2
101 8.8 7.0 10.6
130 18.6 13.3 19.9

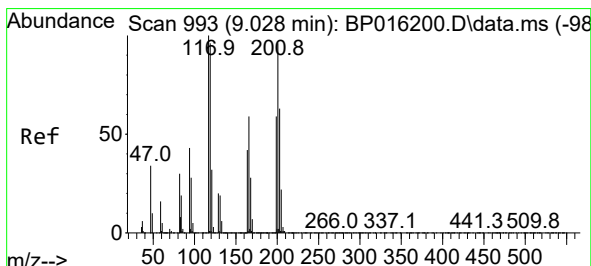
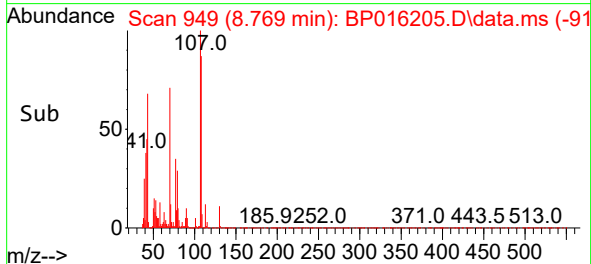
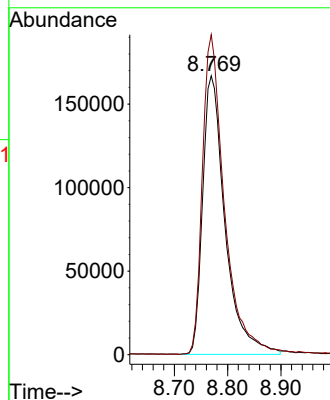
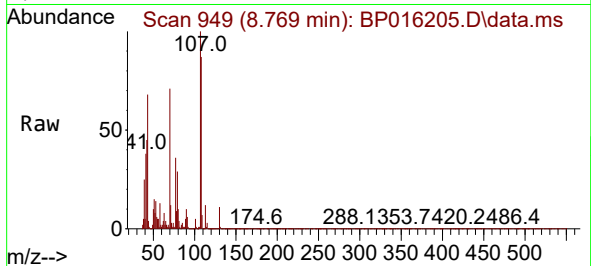




#18
4-Methylphenol
Concen: 35.096 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.018 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

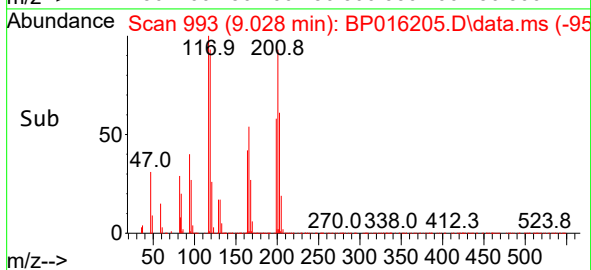
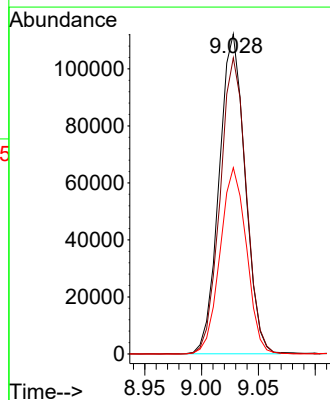
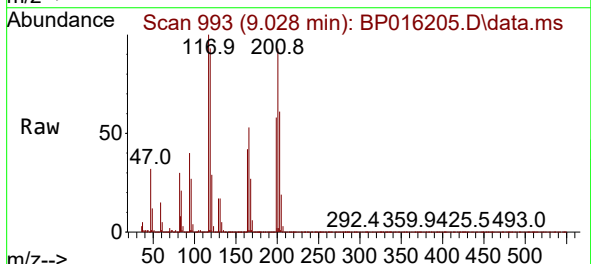
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

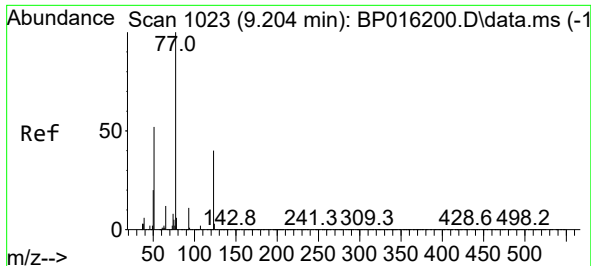
Tgt Ion:108 Resp: 486942
Ion Ratio Lower Upper
108 100
107 114.8 89.3 133.9



#19
Hexachloroethane
Concen: 33.312 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:117 Resp: 178871
Ion Ratio Lower Upper
117 100
201 92.6 76.5 114.7
199 58.2 47.9 71.9





#22

Nitrobenzene

Concen: 35.641 ng/ul

RT: 9.193 min Scan# 1021

Delta R.T. -0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

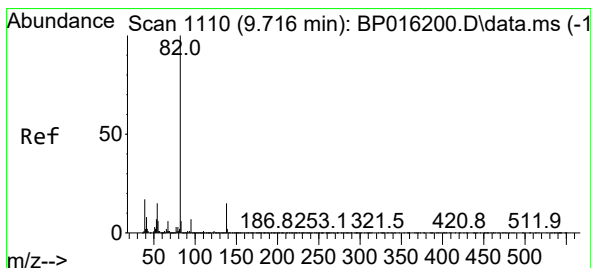
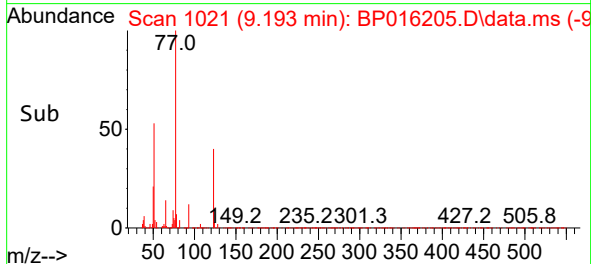
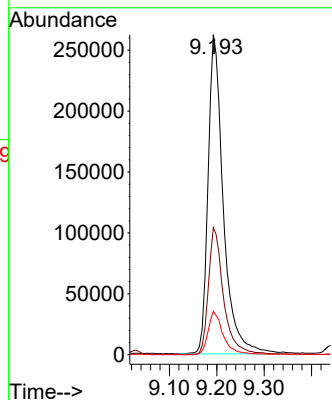
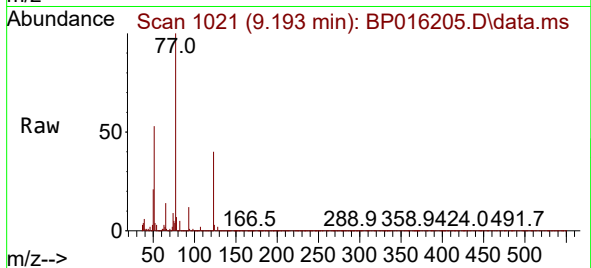
Tgt Ion: 77 Resp: 587915

Ion Ratio Lower Upper

77 100

123 39.7 31.8 47.8

65 13.6 10.4 15.6



#23

Isophorone

Concen: 34.908 ng/ul

RT: 9.716 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

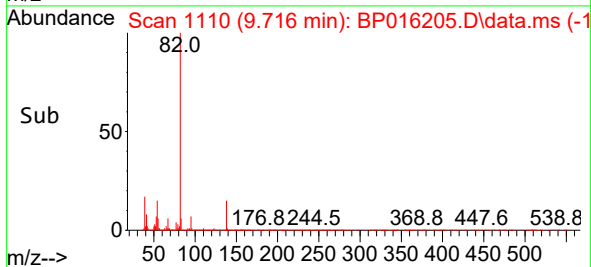
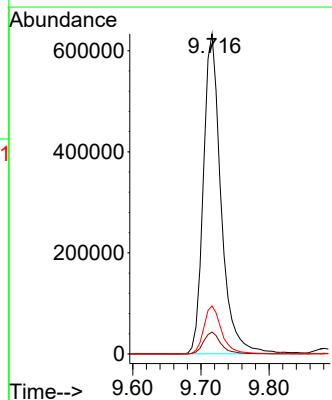
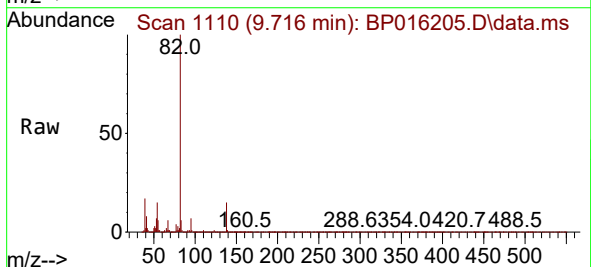
Tgt Ion: 82 Resp: 1141374

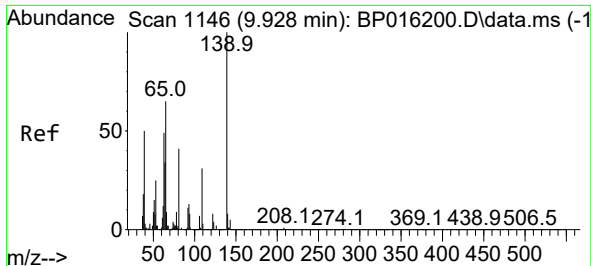
Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 15.0 12.3 18.5

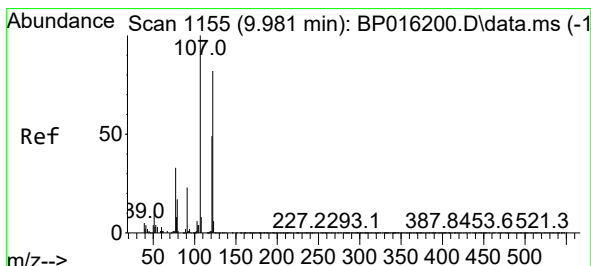
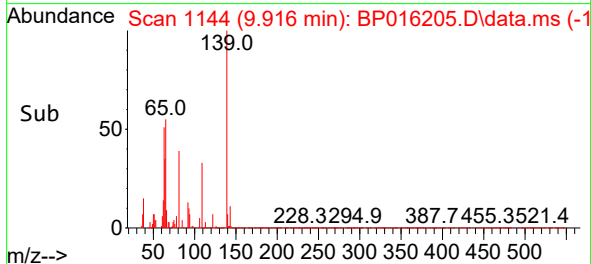
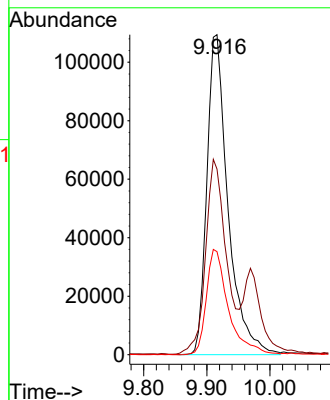
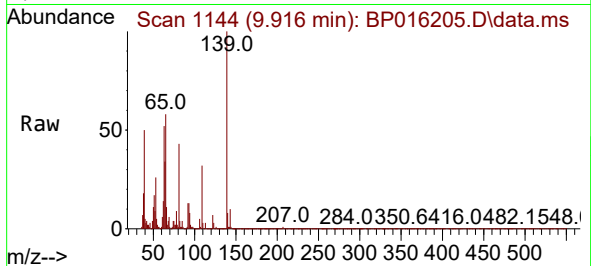




#25
2-Nitrophenol
Concen: 36.563 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

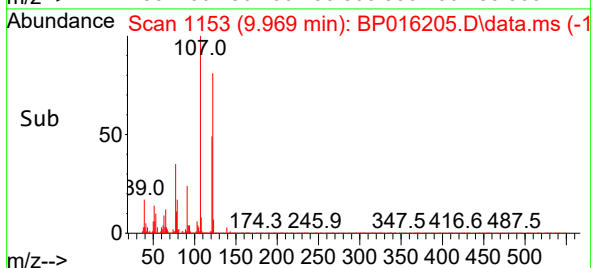
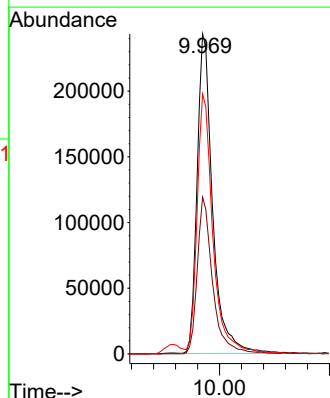
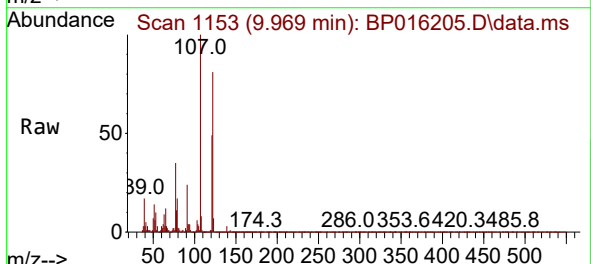
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

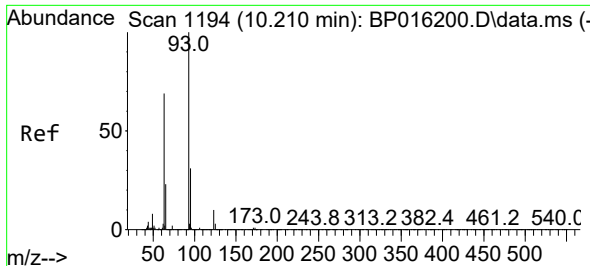
Tgt Ion:139 Resp: 254197
Ion Ratio Lower Upper
139 100
65 58.0 50.0 75.0
109 32.2 28.2 42.2



#26
2,4-Dimethylphenol
Concen: 31.253 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:107 Resp: 477821
Ion Ratio Lower Upper
107 100
121 49.0 37.2 55.8
122 81.3 64.7 97.1

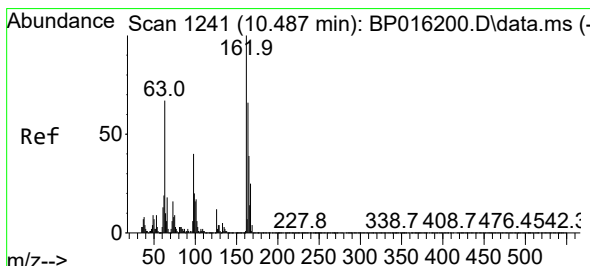
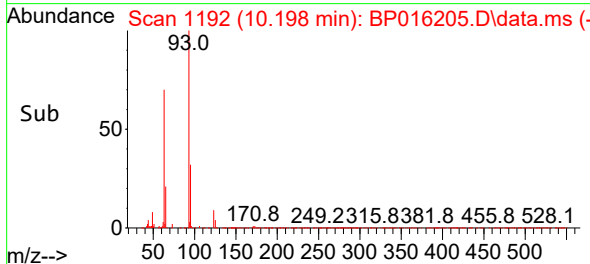
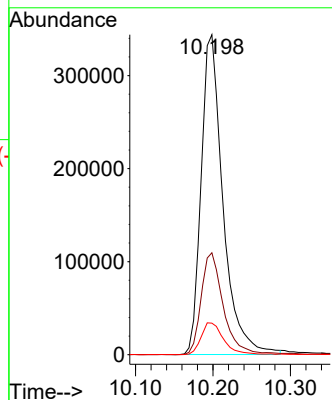
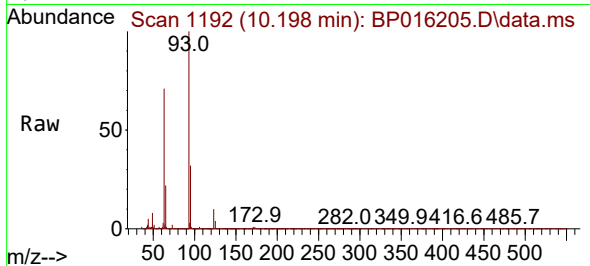




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.282 ng/ul
 RT: 10.198 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BP016205.D
 Acq: 13 Jul 2023 13:14

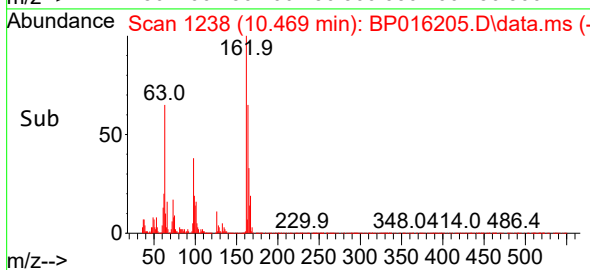
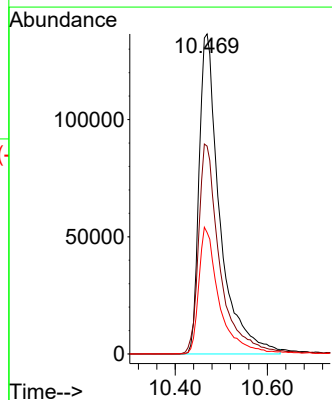
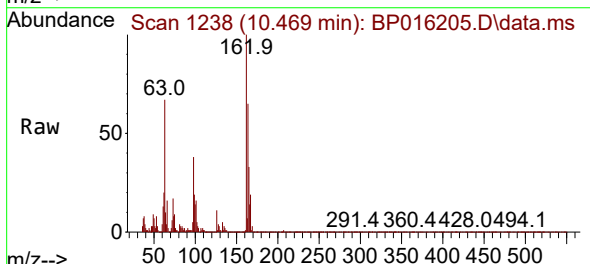
Instrument :
 BNA_P
 ClientSampleId :
 YBW43MSD

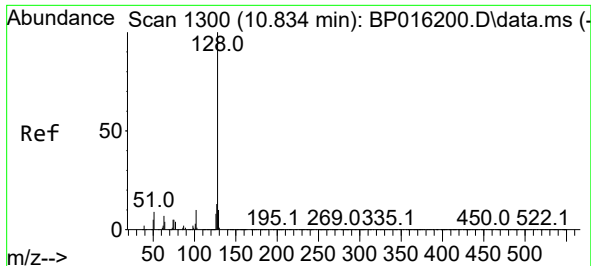
Tgt Ion: 93 Resp: 671729
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.9 38.9
 123 9.9 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 37.013 ng/ul
 RT: 10.469 min Scan# 1238
 Delta R.T. -0.018 min
 Lab File: BP016205.D
 Acq: 13 Jul 2023 13:14

Tgt Ion: 162 Resp: 426455
 Ion Ratio Lower Upper
 162 100
 164 64.9 54.3 81.5
 98 37.9 31.8 47.8

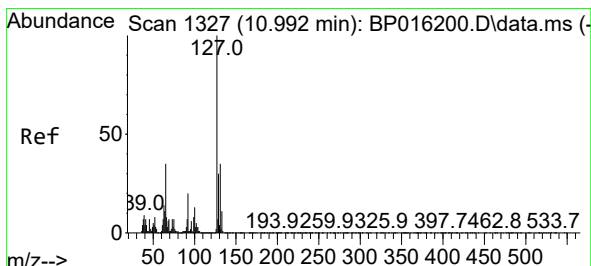
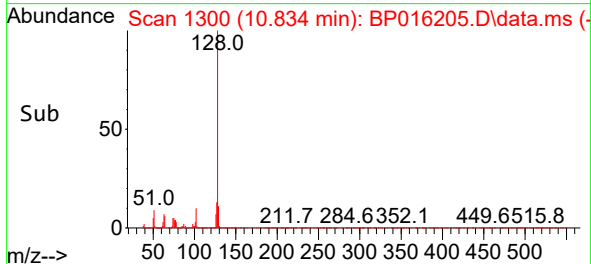
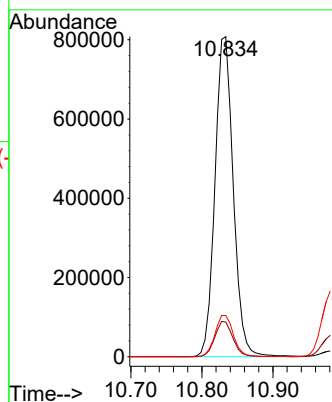
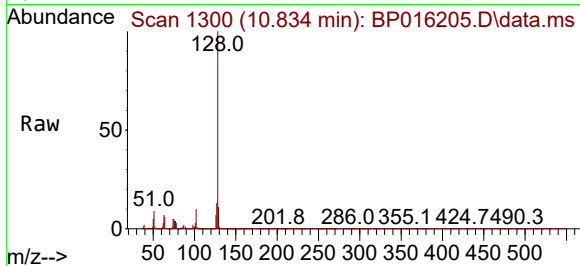




#30
Naphthalene
Concen: 33.358 ng/ul
RT: 10.834 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

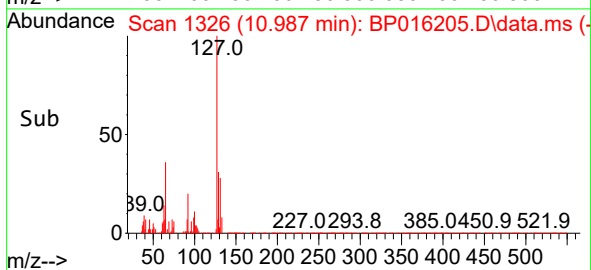
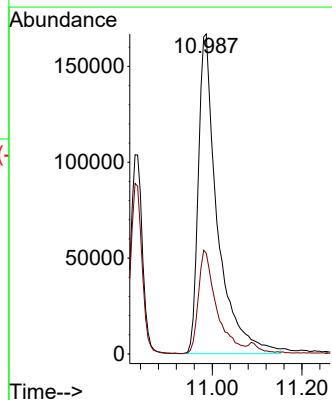
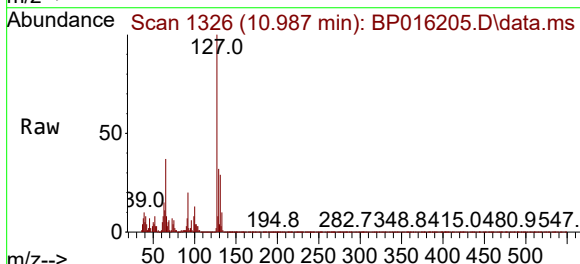
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

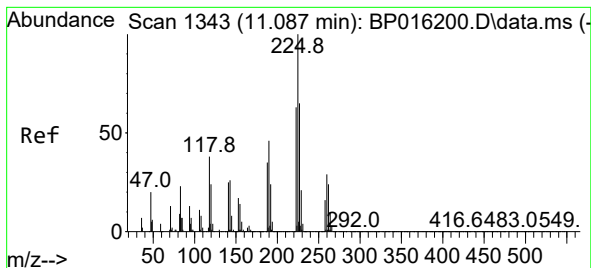
Tgt Ion:128 Resp: 1440595
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.9 16.3



#32
4-Chloroaniline
Concen: 27.568 ng/ul
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:127 Resp: 492459
Ion Ratio Lower Upper
127 100
129 31.5 26.1 39.1





#33

Hexachlorobutadiene

Concen: 33.288 ng/ul

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

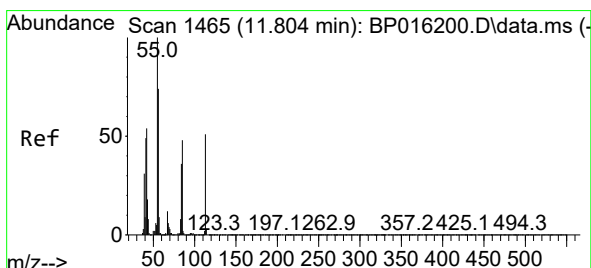
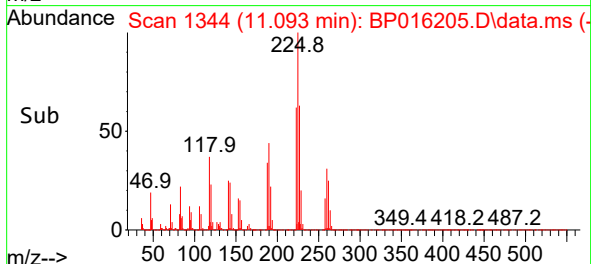
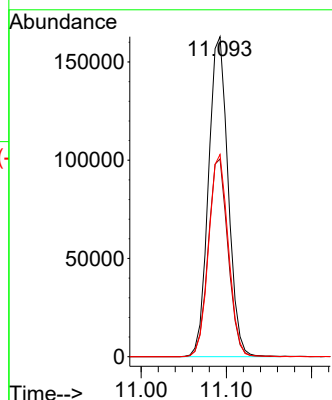
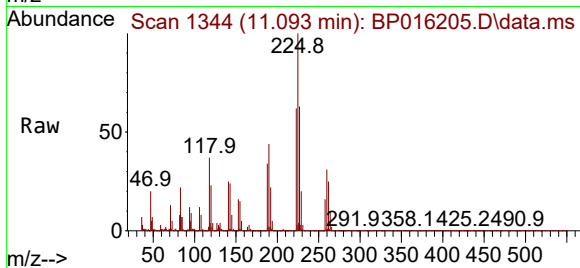
Tgt Ion:225 Resp: 260495

Ion Ratio Lower Upper

225 100

223 61.8 49.8 74.6

227 63.2 51.7 77.5



#34

Caprolactam

Concen: 36.917 ng/ul

RT: 11.793 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

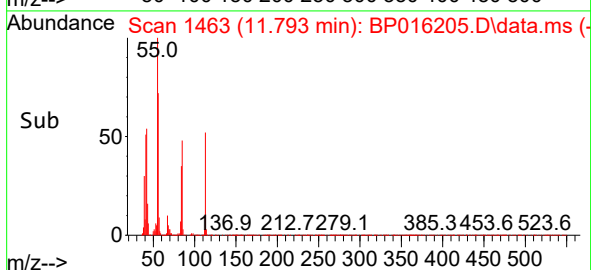
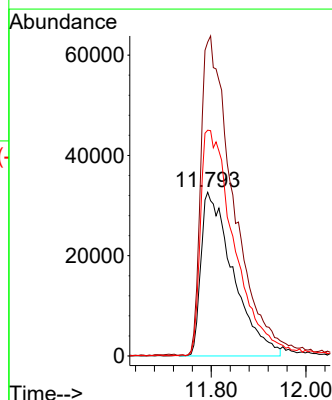
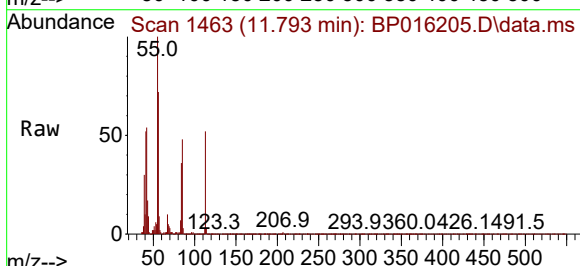
Tgt Ion:113 Resp: 153985

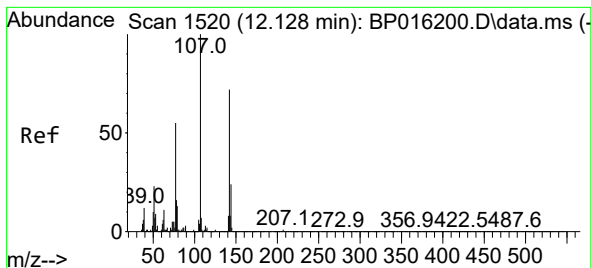
Ion Ratio Lower Upper

113 100

55 191.8 147.8 221.8

56 138.0 103.8 155.6

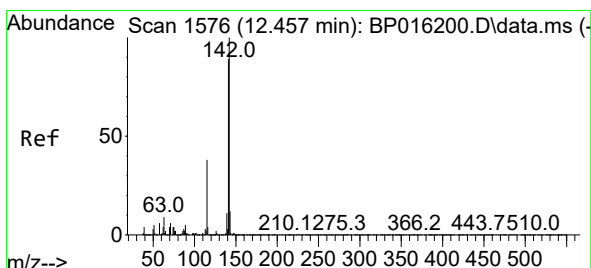
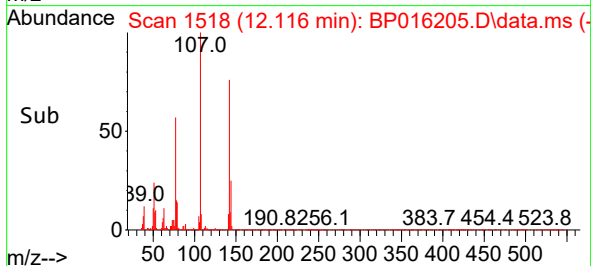
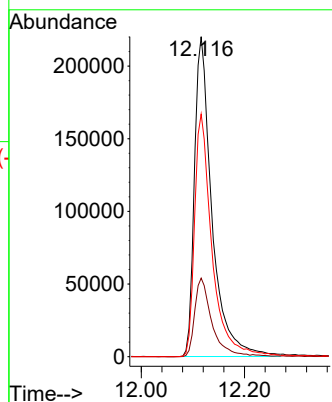
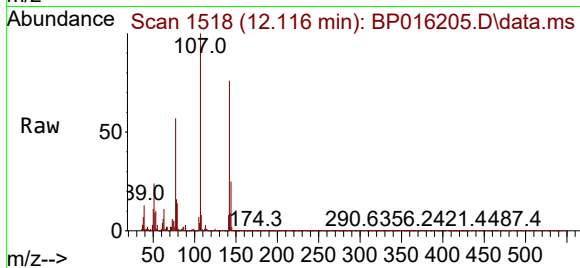




#35
4-Chloro-3-methylphenol
Concen: 36.480 ng/ul
RT: 12.116 min Scan# 1518
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

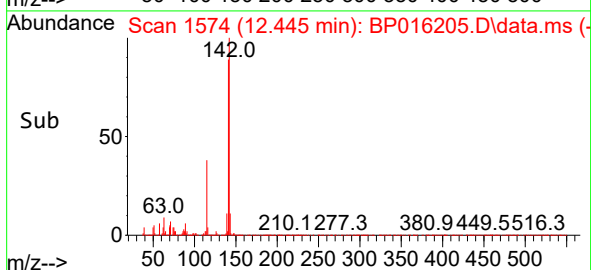
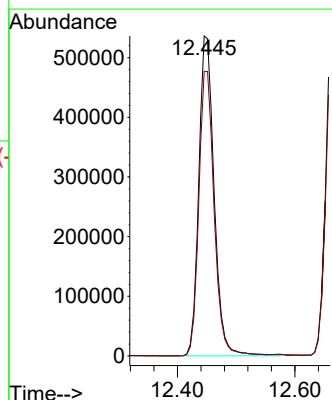
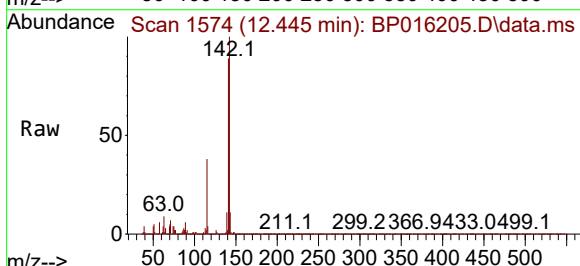
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

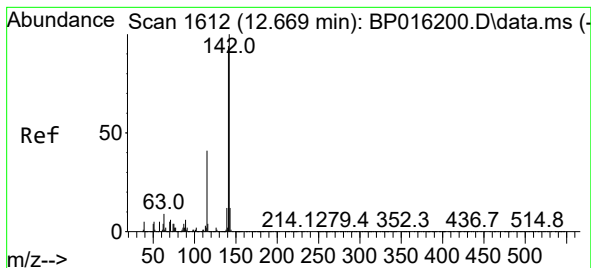
Tgt Ion:107 Resp: 518692
Ion Ratio Lower Upper
107 100
144 24.6 20.3 30.5
142 75.8 60.8 91.2



#36
2-Methylnaphthalene
Concen: 33.559 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:142 Resp: 971744
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#37

1-Methylnaphthalene

Concen: 32.895 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

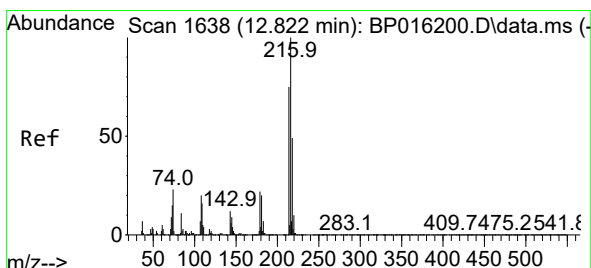
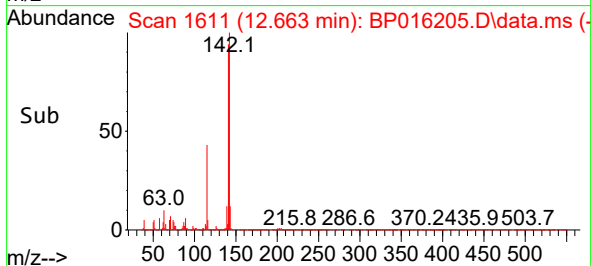
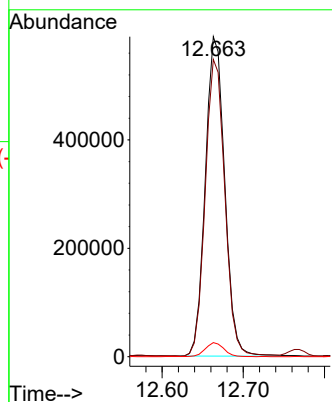
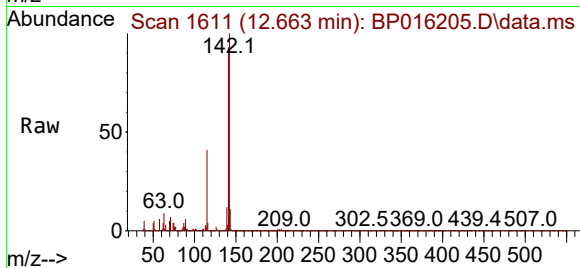
Tgt Ion:142 Resp: 979593

Ion Ratio Lower Upper

142 100

141 92.9 73.9 110.9

116 4.4 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.040 ng/ul

RT: 12.822 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Tgt Ion:216 Resp: 520652

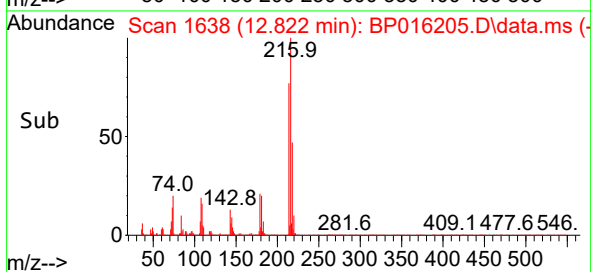
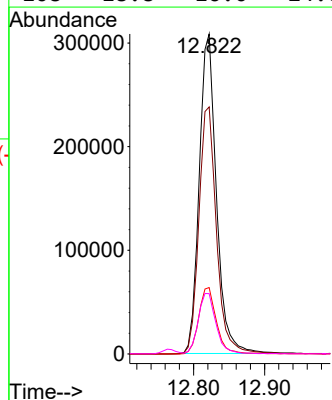
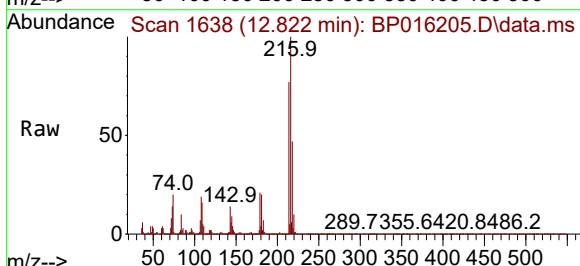
Ion Ratio Lower Upper

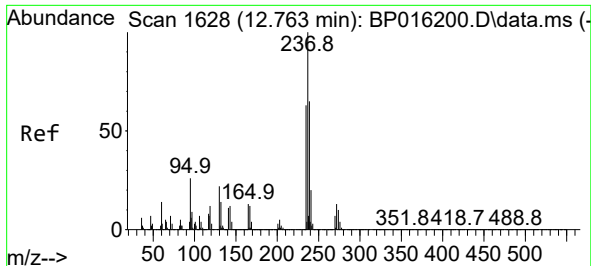
216 100

214 77.2 62.9 94.3

179 20.7 17.8 26.6

108 18.8 16.0 24.0

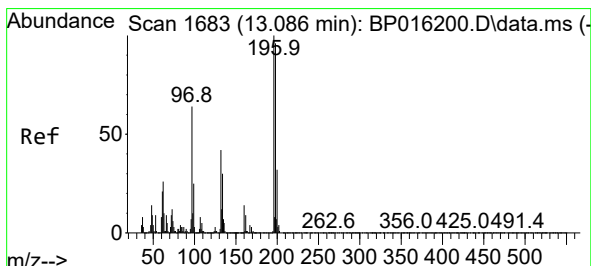
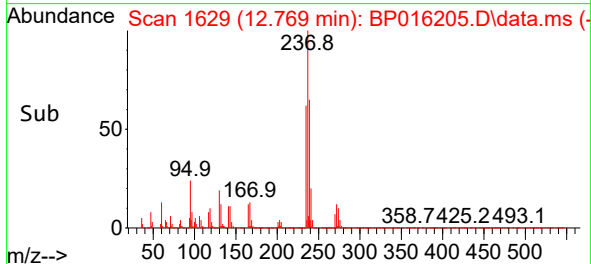
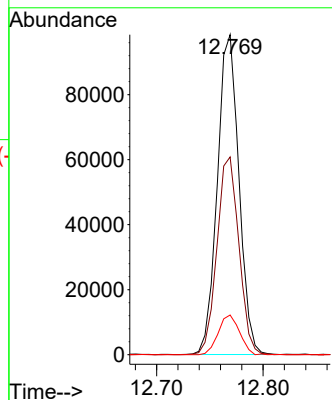
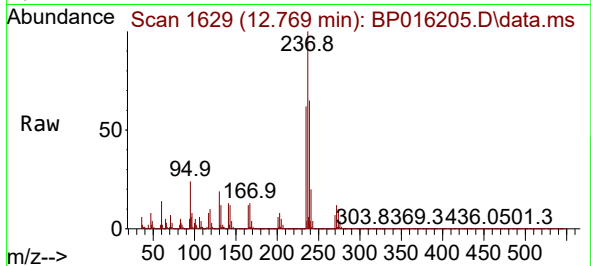




#40
Hexachlorocyclopentadiene
Concen: 23.028 ng/ul
RT: 12.769 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

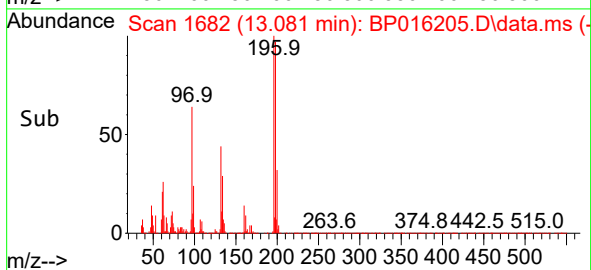
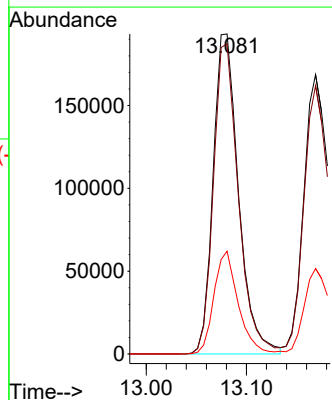
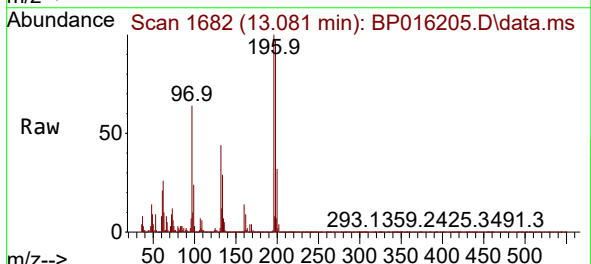
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

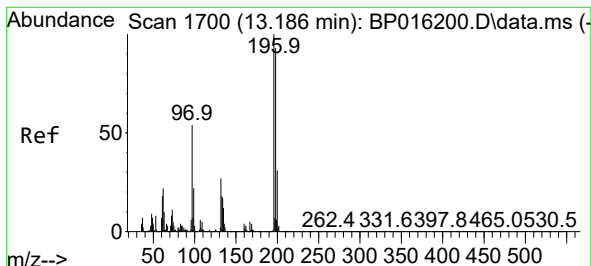
Tgt Ion:237 Resp: 138274
Ion Ratio Lower Upper
237 100
235 61.8 48.2 72.2
272 12.4 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 35.252 ng/ul
RT: 13.081 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:196 Resp: 340656
Ion Ratio Lower Upper
196 100
198 96.9 79.2 118.8
200 32.1 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 36.481 ng/ul

RT: 13.169 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

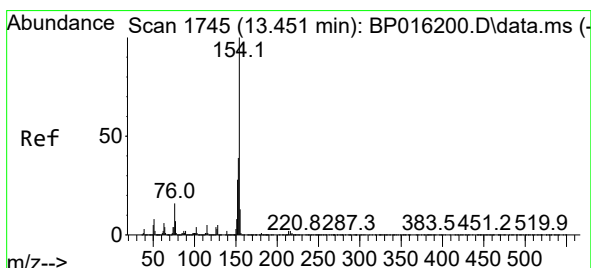
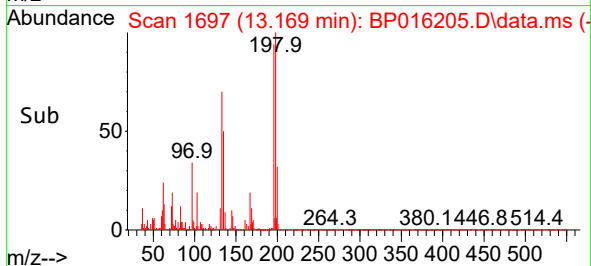
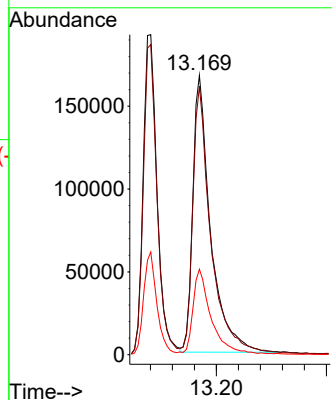
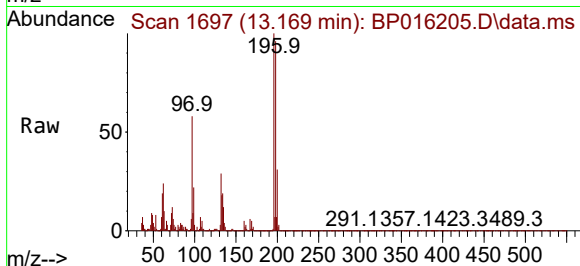
Tgt Ion:196 Resp: 374797

Ion Ratio Lower Upper

196 100

198 96.1 77.4 116.2

200 30.6 25.3 37.9



#43

1,1'-Biphenyl

Concen: 34.179 ng/ul

RT: 13.451 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

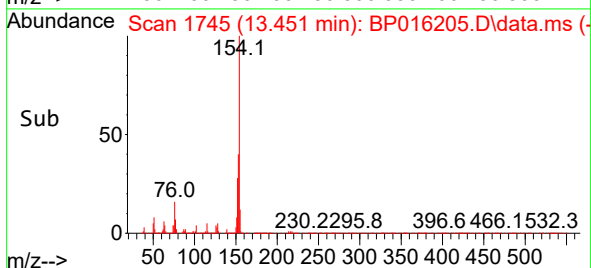
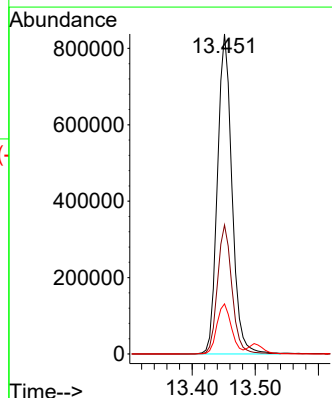
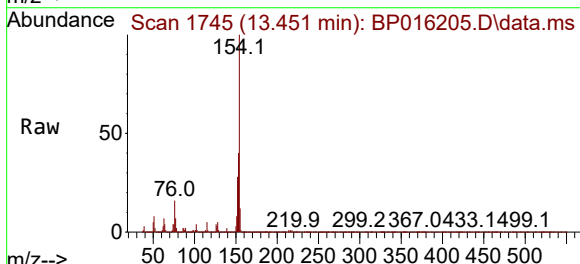
Tgt Ion:154 Resp: 1338958

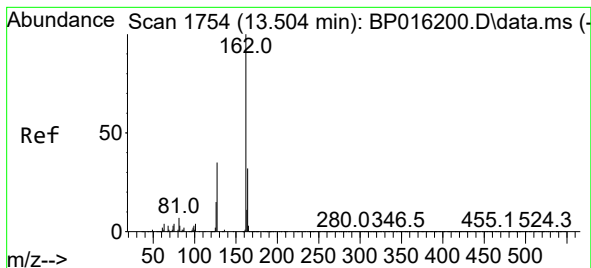
Ion Ratio Lower Upper

154 100

153 40.3 31.1 46.7

76 15.7 12.9 19.3





#44

2-Chloronaphthalene

Concen: 34.057 ng/ul

RT: 13.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

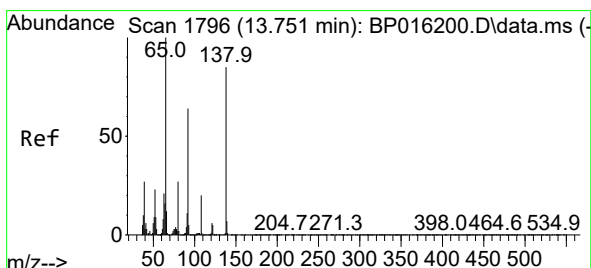
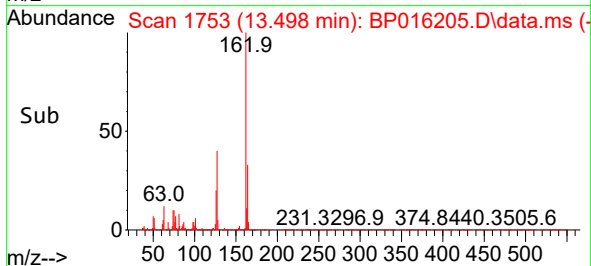
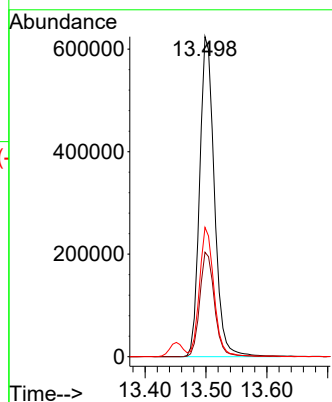
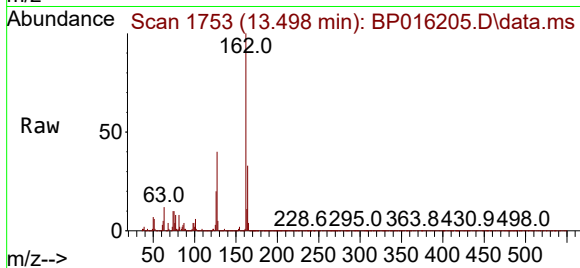
Tgt Ion:162 Resp: 1048217

Ion Ratio Lower Upper

162 100

164 32.6 26.0 39.0

127 40.4 31.2 46.8



#45

2-Nitroaniline

Concen: 37.108 ng/ul

RT: 13.739 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

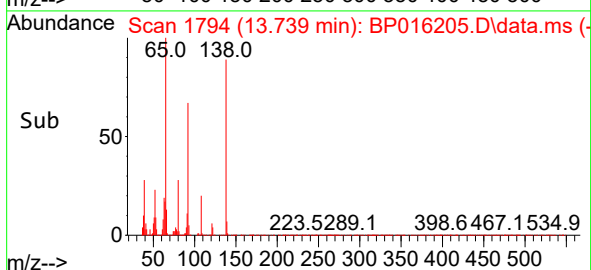
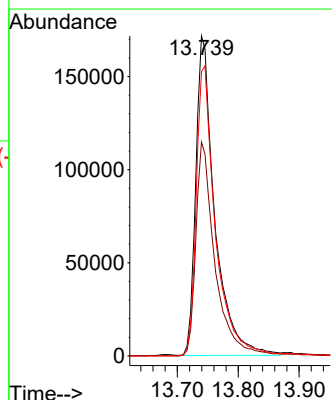
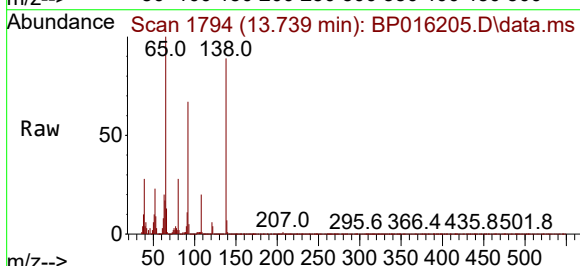
Tgt Ion: 65 Resp: 372211

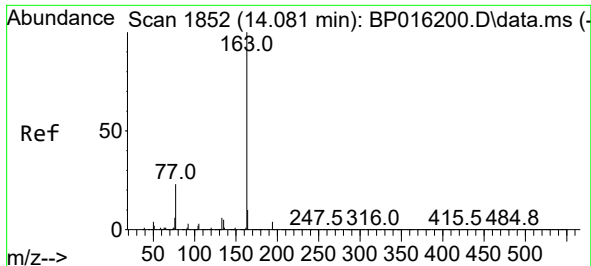
Ion Ratio Lower Upper

65 100

92 66.8 54.1 81.1

138 88.9 73.4 110.0

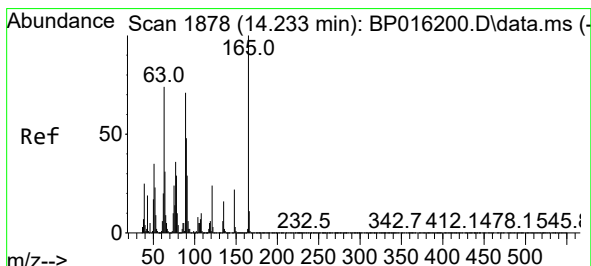
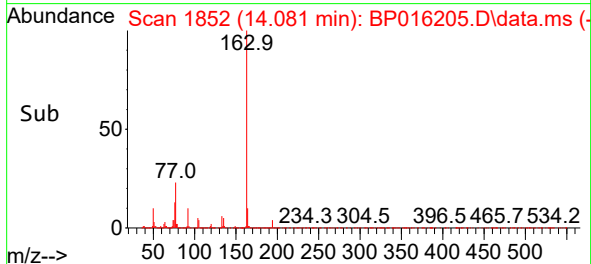
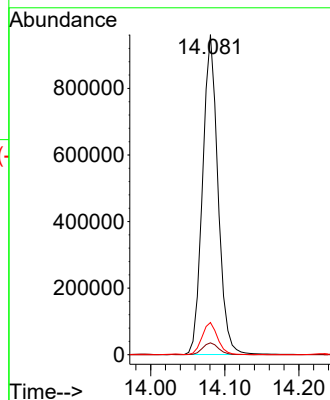
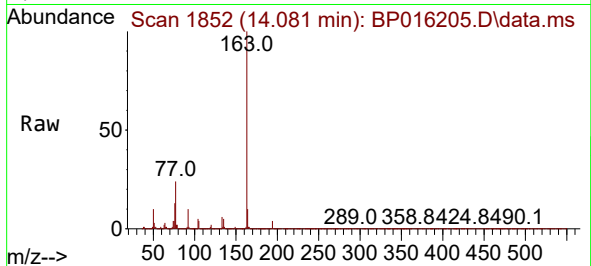




#47
Dimethylphthalate
Concen: 33.426 ng/ul
RT: 14.081 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

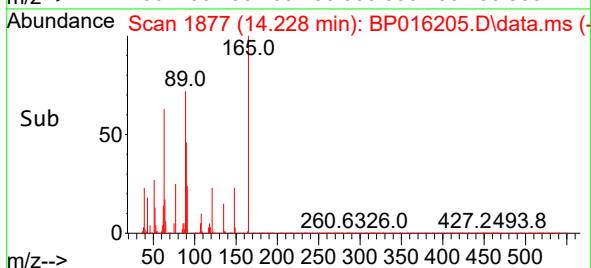
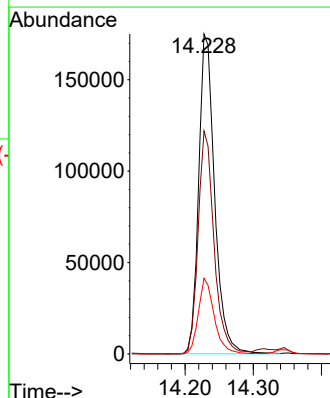
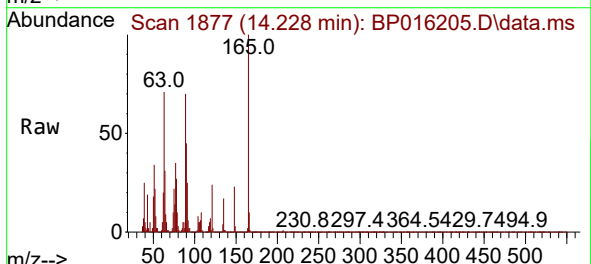
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

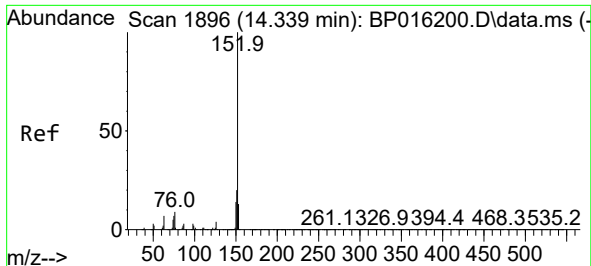
Tgt Ion:163 Resp: 1383036
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 36.552 ng/ul
RT: 14.228 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:165 Resp: 285117
Ion Ratio Lower Upper
165 100
89 69.7 54.8 82.2
121 23.6 19.4 29.0

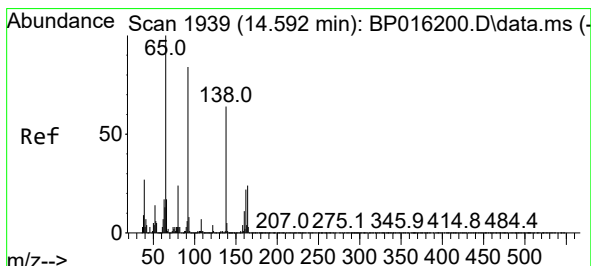
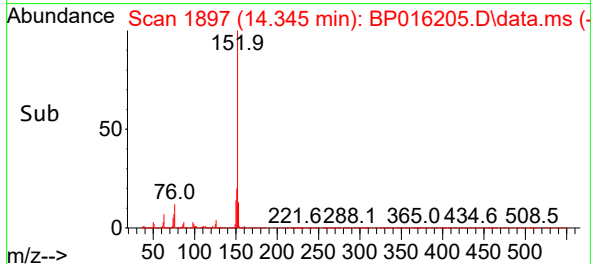
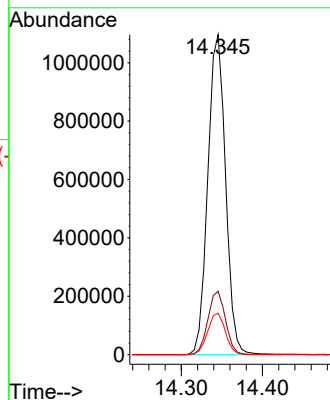
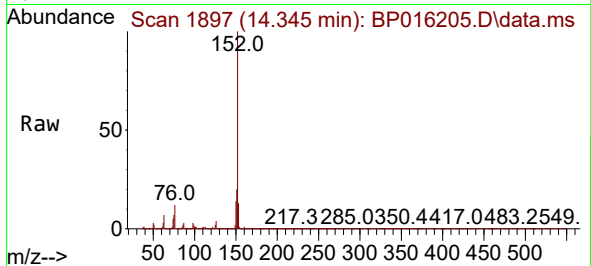




#50
Acenaphthylene
Concen: 32.240 ng/ul
RT: 14.345 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

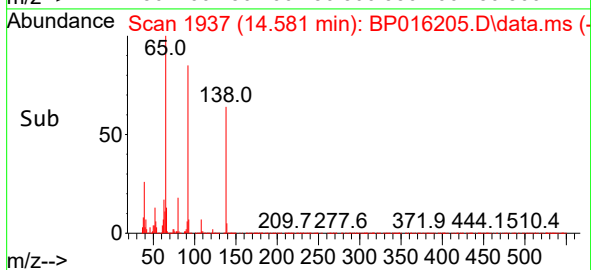
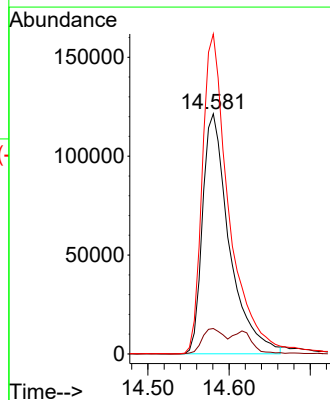
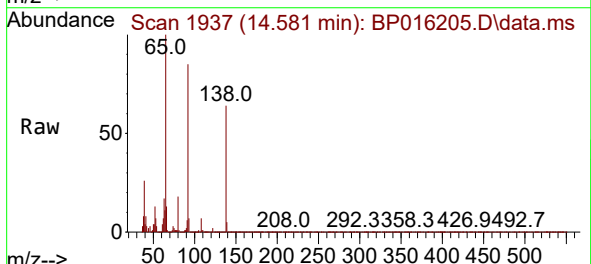
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

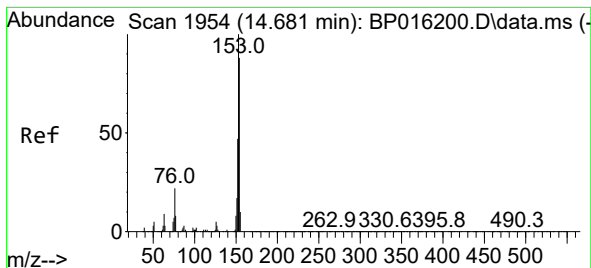
Tgt Ion:152 Resp: 1662446
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.2 15.4



#51
3-Nitroaniline
Concen: 35.146 ng/ul
RT: 14.581 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:138 Resp: 278396
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 133.2 109.0 163.4





#52

Acenaphthene

Concen: 33.060 ng/ul

RT: 14.681 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

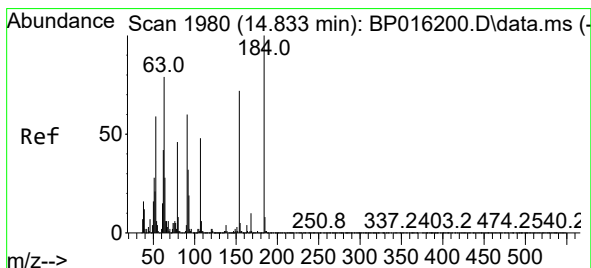
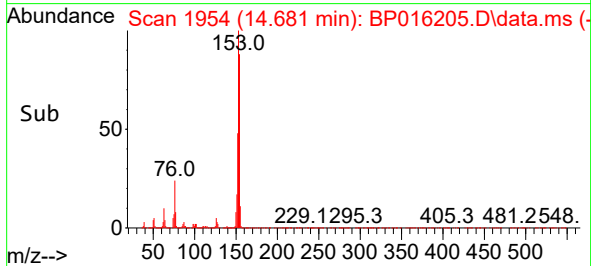
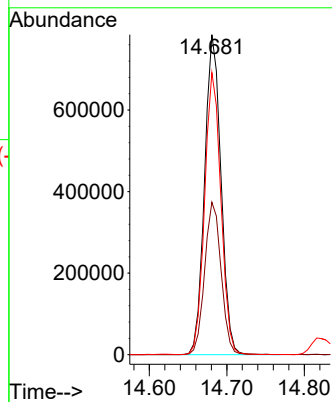
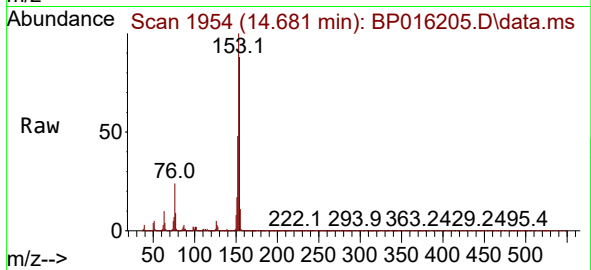
Tgt Ion:153 Resp: 1152964

Ion Ratio Lower Upper

153 100

152 47.6 37.9 56.9

154 88.2 69.3 103.9



#53

2,4-Dinitrophenol

Concen: 26.553 ng/ul

RT: 14.822 min Scan# 1978

Delta R.T. -0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

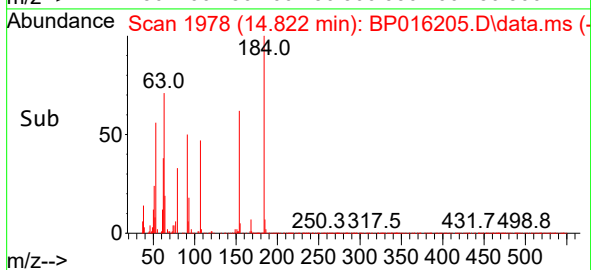
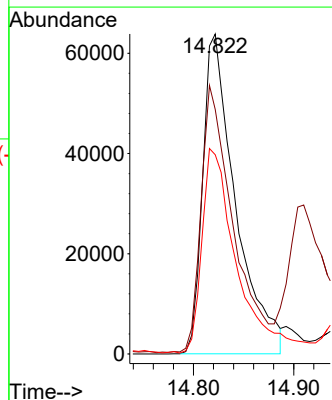
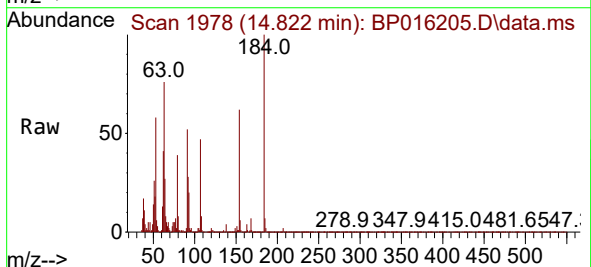
Tgt Ion:184 Resp: 144967

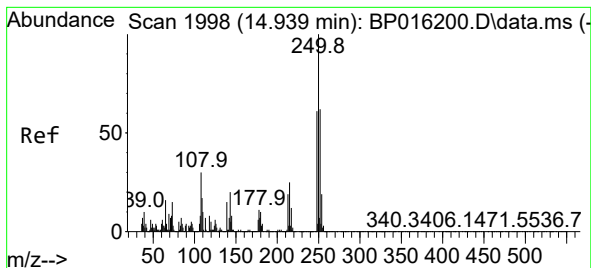
Ion Ratio Lower Upper

184 100

63 76.4 67.0 100.6

154 62.3 51.5 77.3

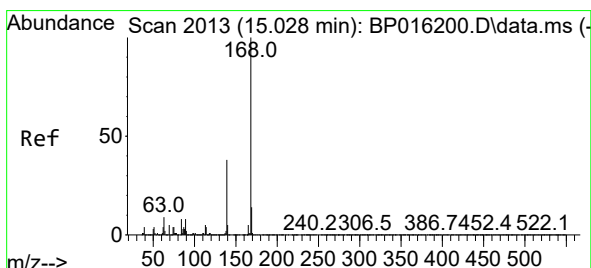
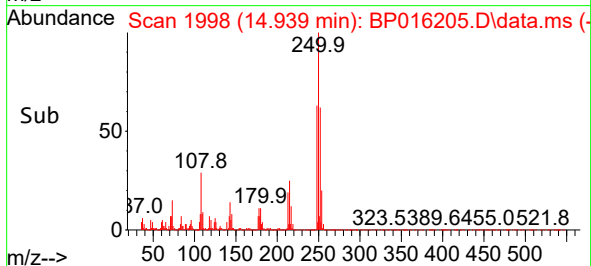
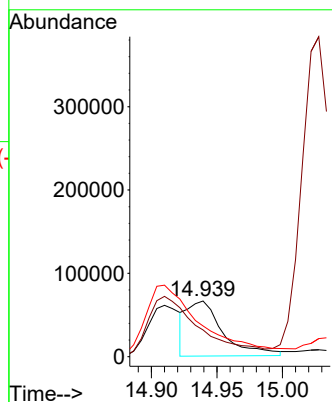
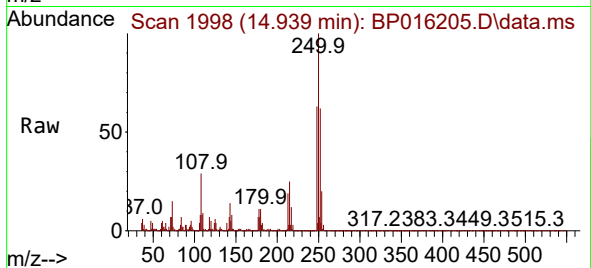




#55
4-Nitrophenol
Concen: 19.936 ng/ul
RT: 14.939 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

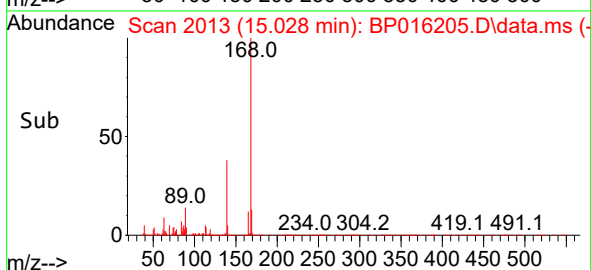
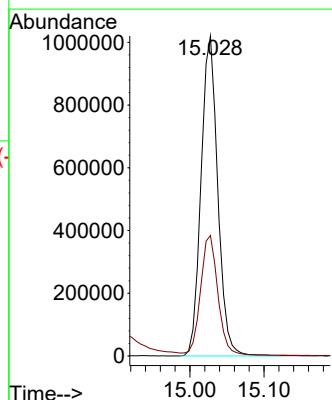
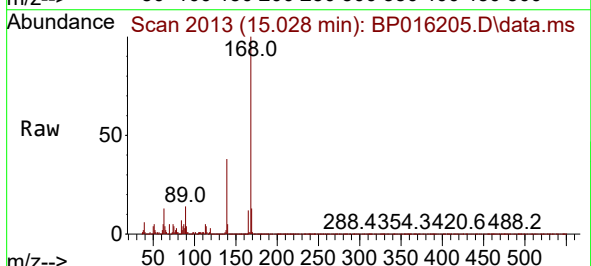
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

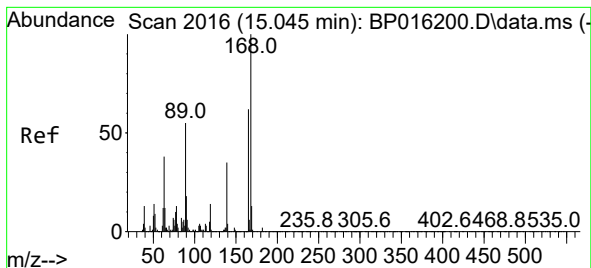
Tgt Ion:109 Resp: 126839
Ion Ratio Lower Upper
109 100
139 48.0 76.8 115.2#
65 55.1 92.2 138.4#



#56
Dibenzofuran
Concen: 33.580 ng/ul
RT: 15.028 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:168 Resp: 1595165
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 36.133 ng/ul

RT: 15.039 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

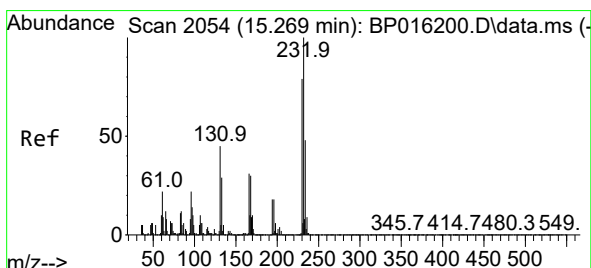
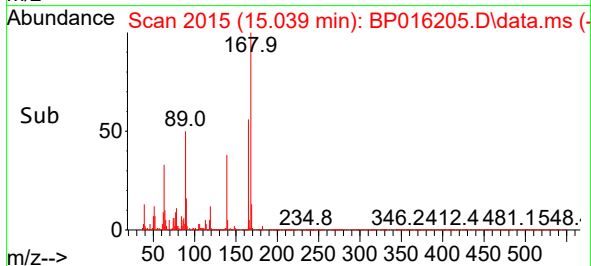
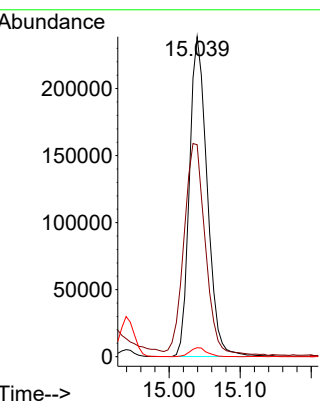
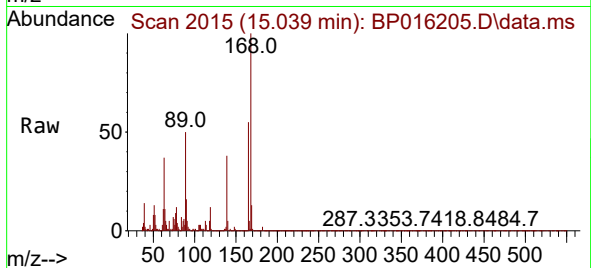
Tgt Ion:165 Resp: 415775

Ion Ratio Lower Upper

165 100

63 66.3 56.9 85.3

182 2.8 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.069 ng/ul

RT: 15.263 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Tgt Ion:232 Resp: 317658

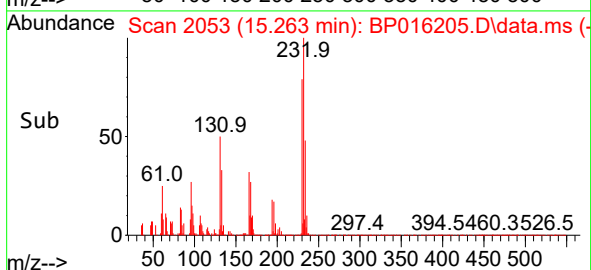
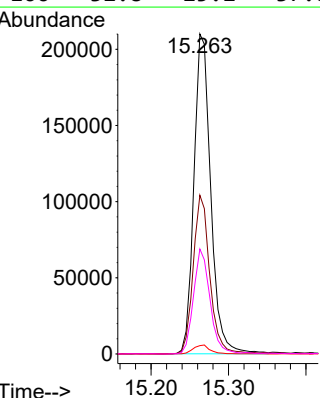
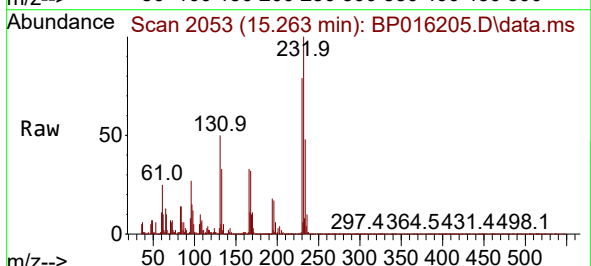
Ion Ratio Lower Upper

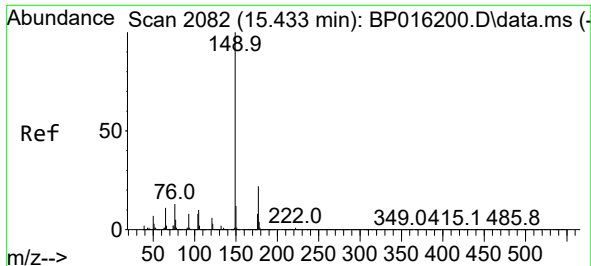
232 100

131 49.6 38.6 57.8

130 2.6 2.2 3.4

166 32.8 25.2 37.8

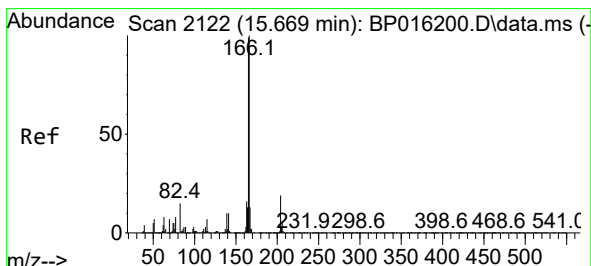
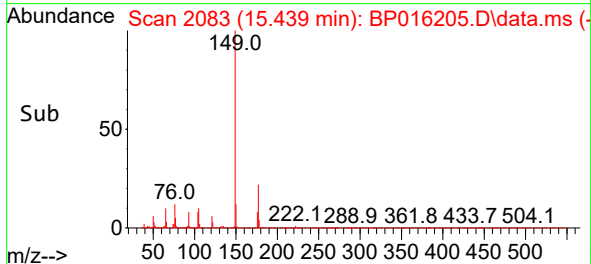
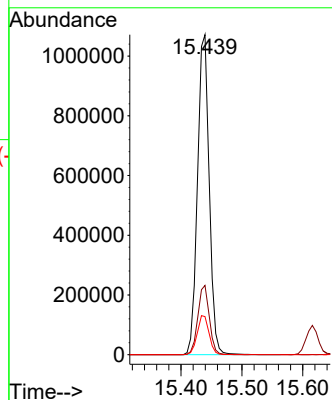
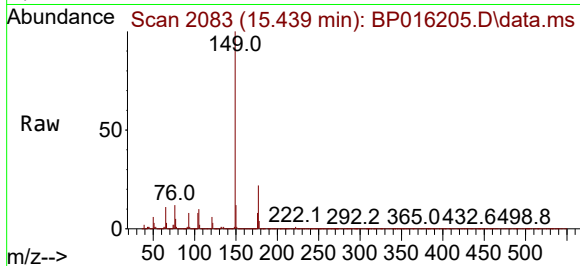




#59
Diethylphthalate
Concen: 33.254 ng/ul
RT: 15.439 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

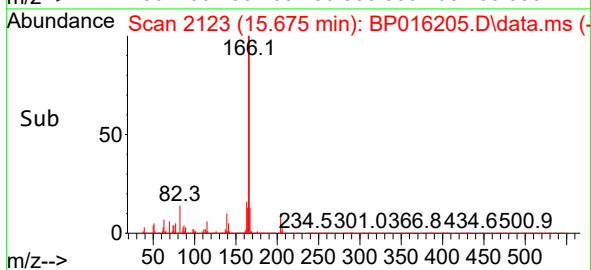
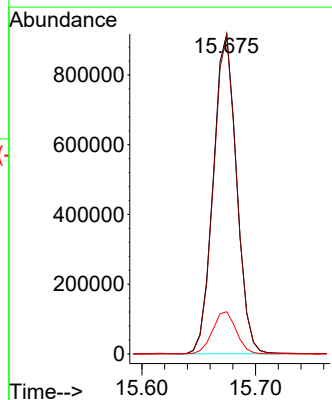
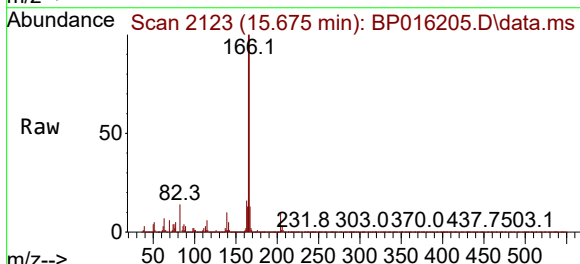
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

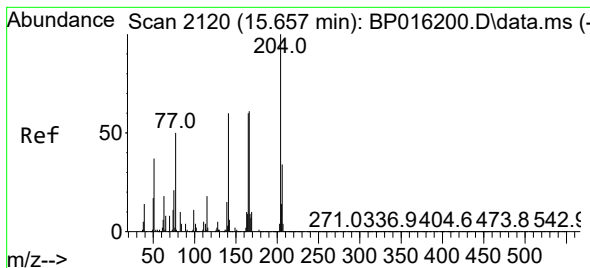
Tgt Ion:149 Resp: 1430837
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 11.9 10.2 15.2



#61
Fluorene
Concen: 32.985 ng/ul
RT: 15.675 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:166 Resp: 1308943
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 13.2 11.0 16.4

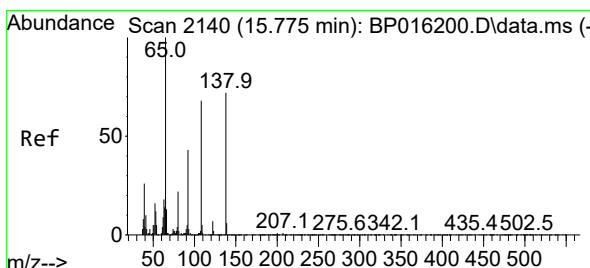
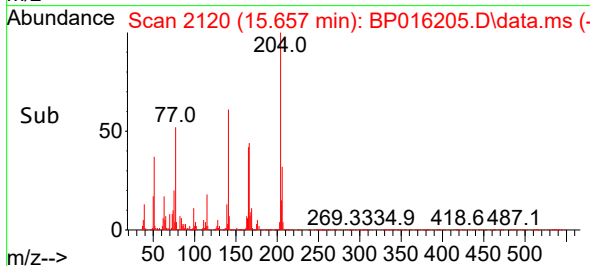
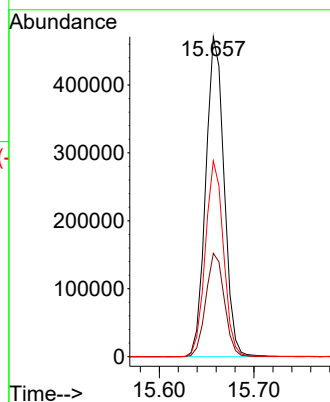
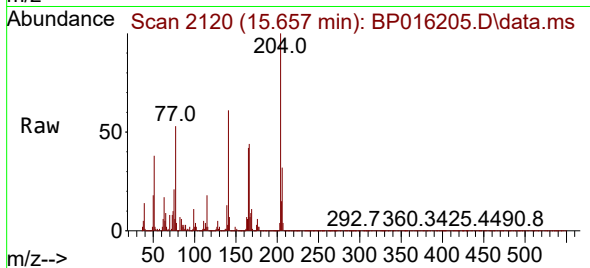




#62
4-Chlorophenyl-phenylether
Concen: 33.023 ng/ul
RT: 15.657 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

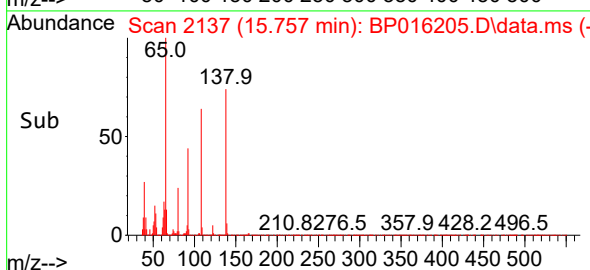
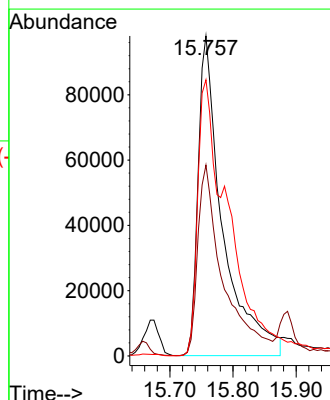
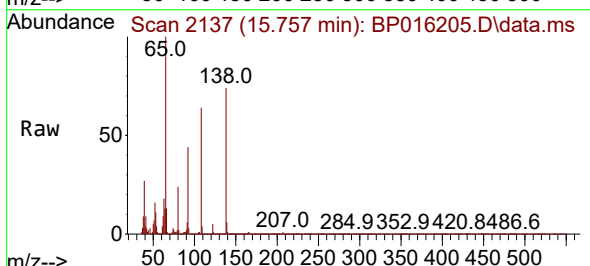
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

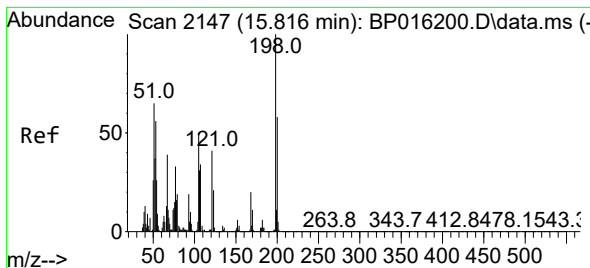
Tgt Ion:204 Resp: 633795
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.2
141 61.2 48.2 72.2



#63
4-Nitroaniline
Concen: 36.239 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.018 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:138 Resp: 263631
Ion Ratio Lower Upper
138 100
92 59.7 46.6 70.0
108 86.3 68.3 102.5

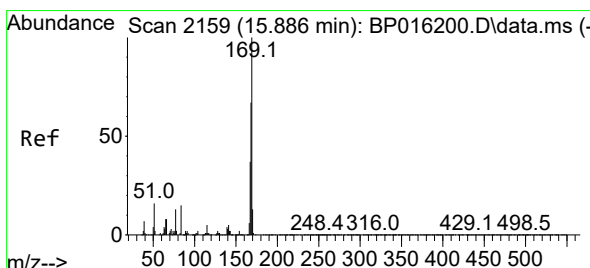
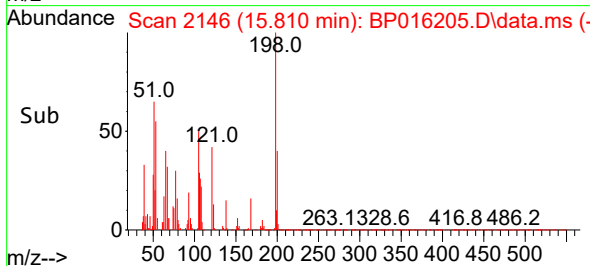
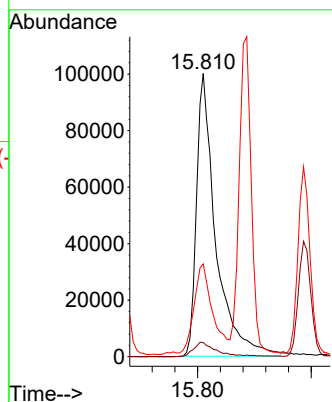
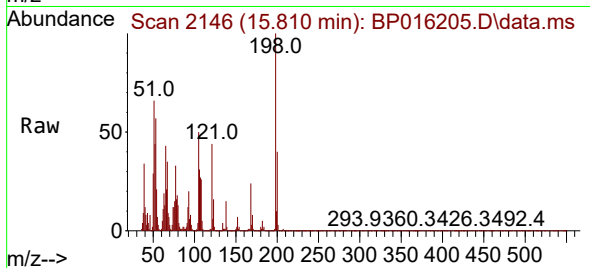




#66
4,6-Dinitro-2-methylphenol
Concen: 32.038 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

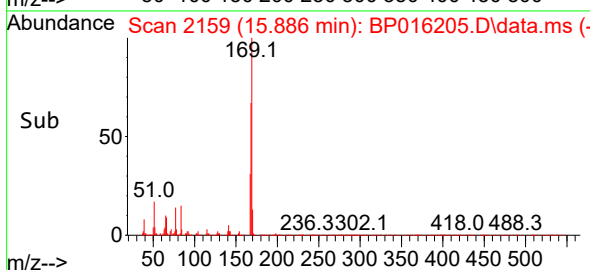
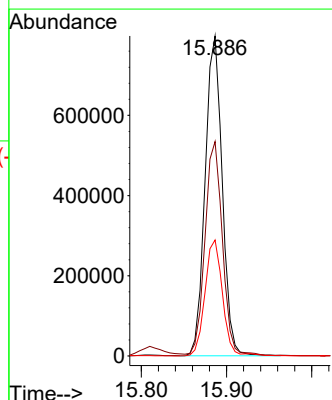
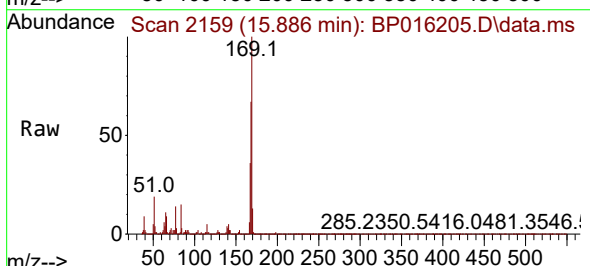
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

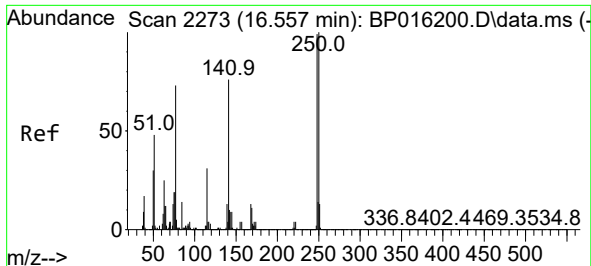
Tgt Ion:198 Resp: 235471
Ion Ratio Lower Upper
198 100
182 5.0 4.3 6.5
77 32.8 26.3 39.5



#67
N-Nitrosodiphenylamine
Concen: 34.431 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:169 Resp: 1111706
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.4
167 36.3 30.2 45.4

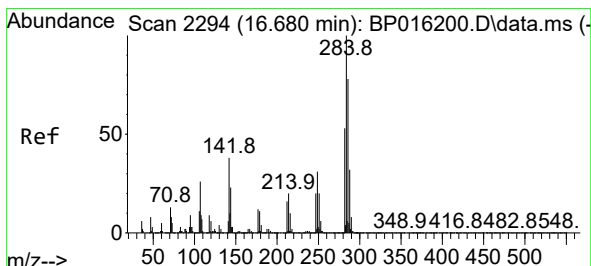
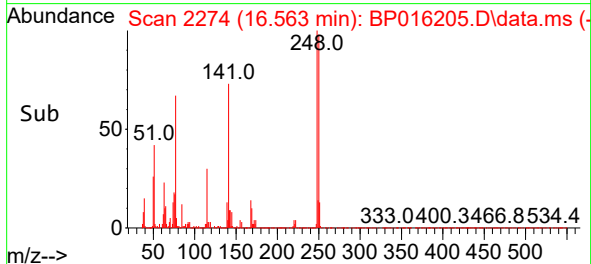
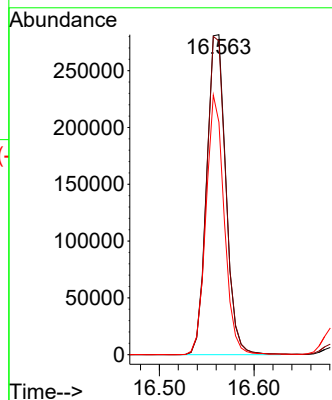
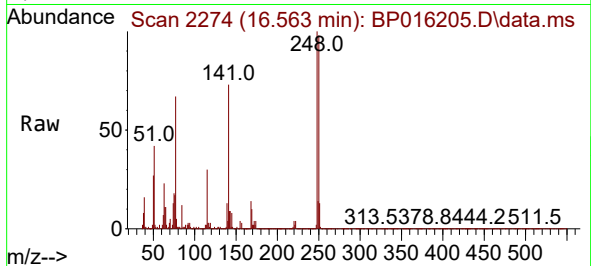




#68
4-Bromophenyl-phenylether
Concen: 34.384 ng/ul
RT: 16.563 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

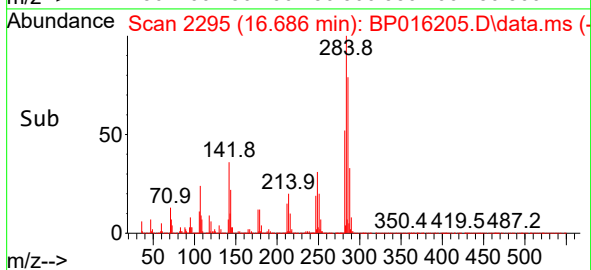
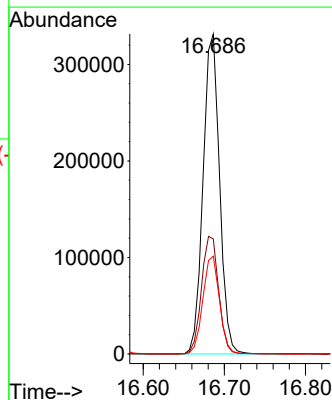
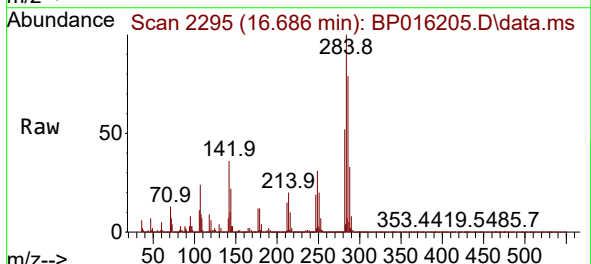
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

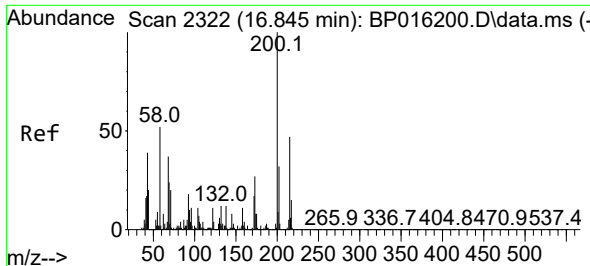
Tgt Ion:248 Resp: 398034
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 72.7 61.4 92.2



#69
Hexachlorobenzene
Concen: 33.527 ng/ul
RT: 16.686 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:284 Resp: 467401
Ion Ratio Lower Upper
284 100
142 36.0 30.2 45.4
249 30.5 25.0 37.4

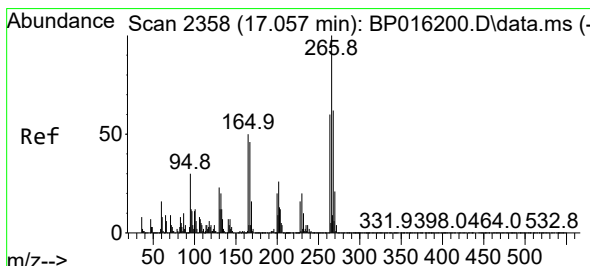
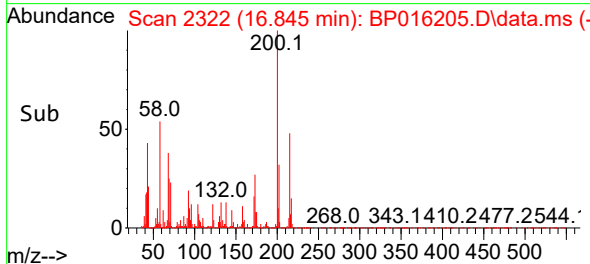
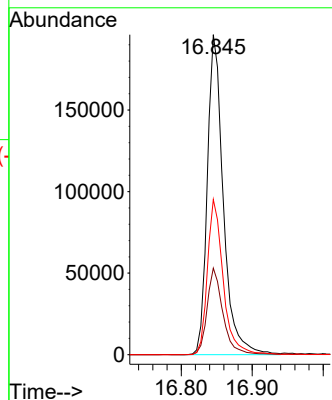
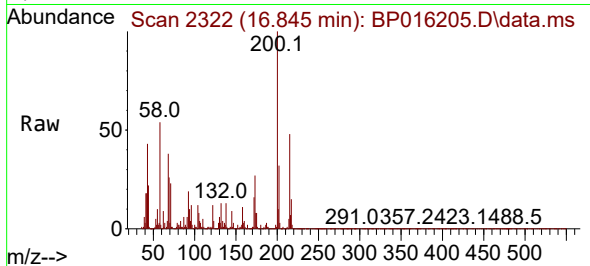




#70
Atrazine
Concen: 24.032 ng/ul
RT: 16.845 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

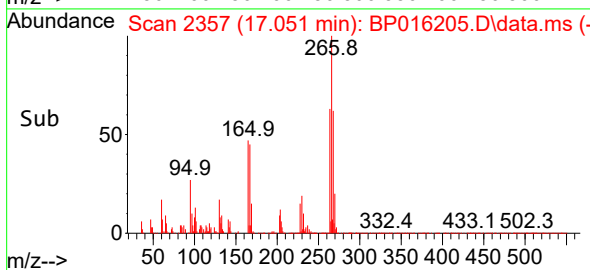
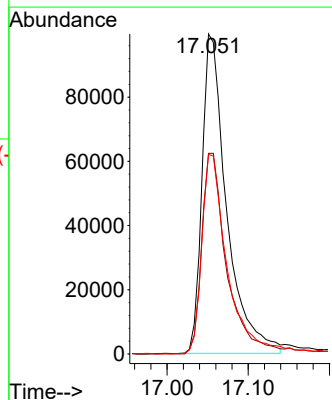
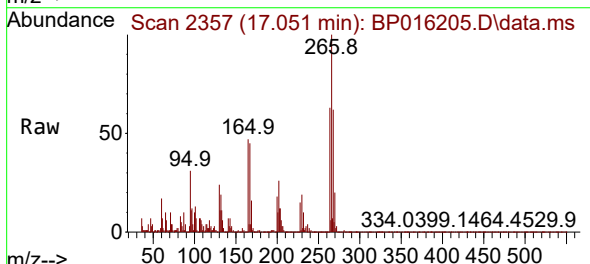
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

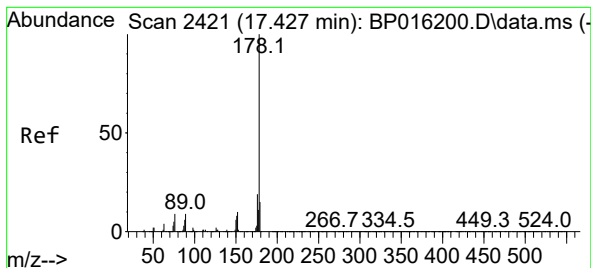
Tgt Ion:200 Resp: 307684
Ion Ratio Lower Upper
200 100
173 27.0 21.8 32.8
215 48.5 38.7 58.1



#71
Pentachlorophenol
Concen: 29.975 ng/ul
RT: 17.051 min Scan# 2357
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:266 Resp: 209554
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 62.4 49.5 74.3





#72

Phenanthrene

Concen: 33.466 ng/ul

RT: 17.427 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

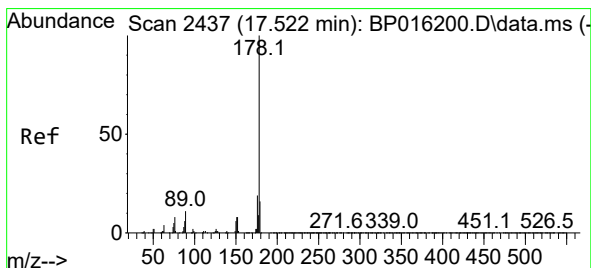
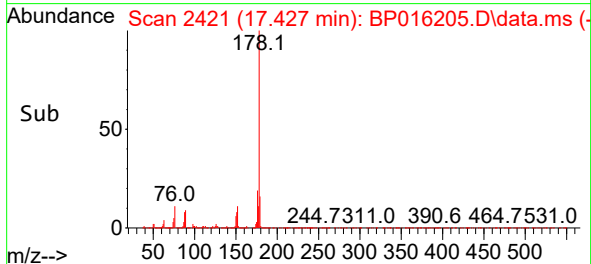
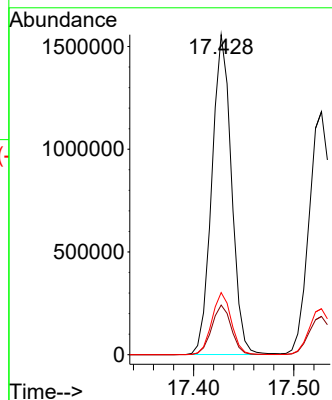
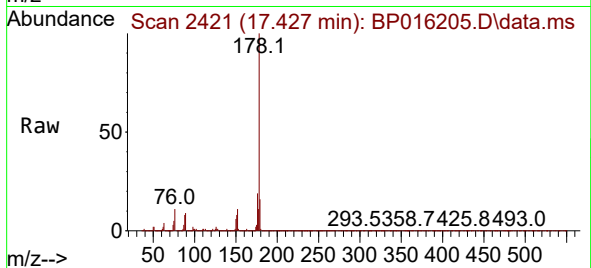
Tgt Ion:178 Resp: 2124038

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.4 15.6 23.4



#74

Anthracene

Concen: 33.315 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

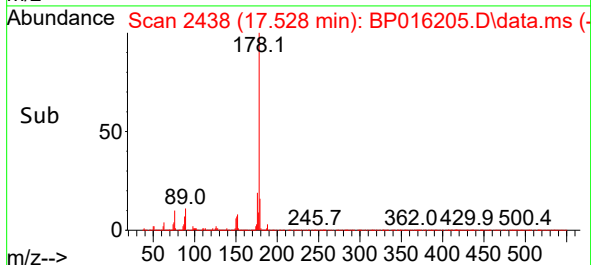
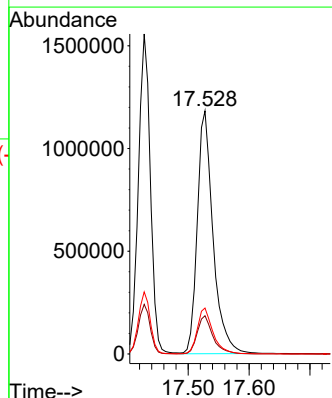
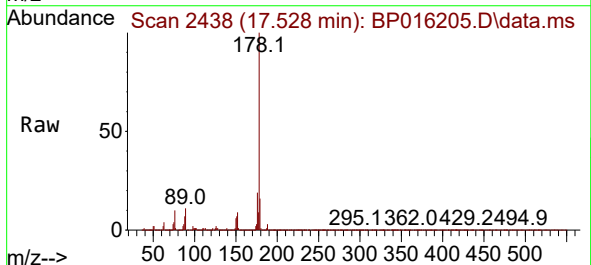
Tgt Ion:178 Resp: 2124683

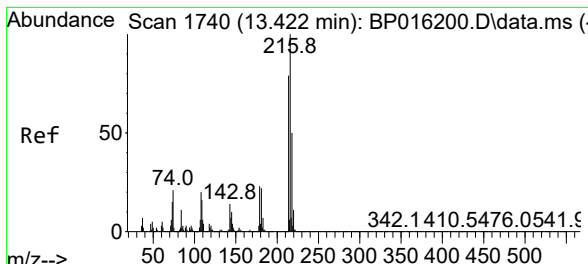
Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

176 18.9 15.0 22.4

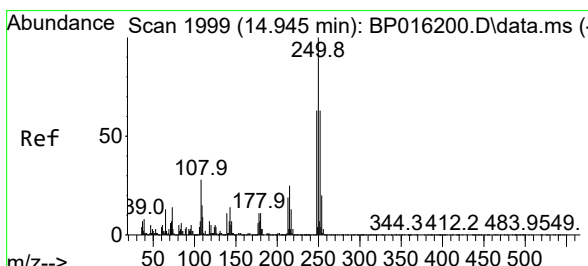
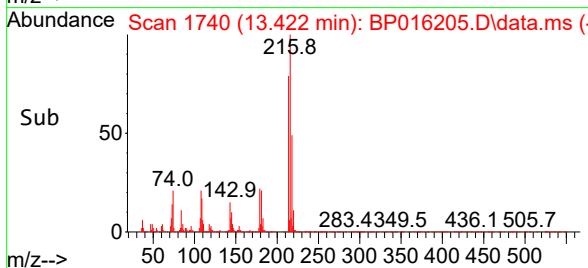
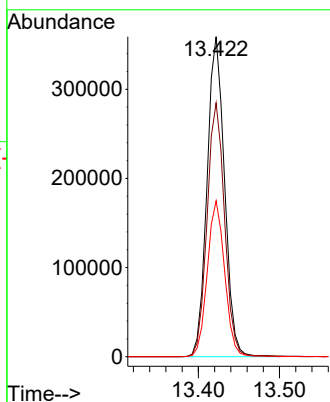
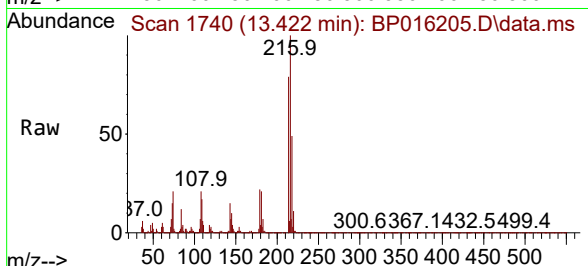




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.527 ng/uL
RT: 13.422 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

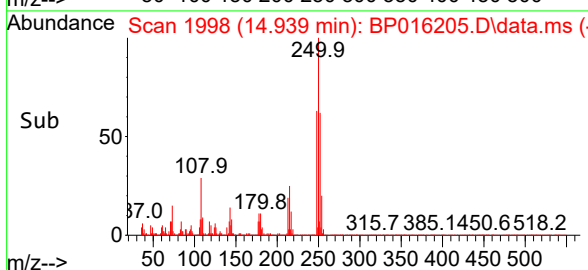
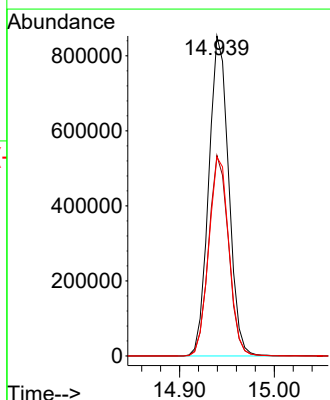
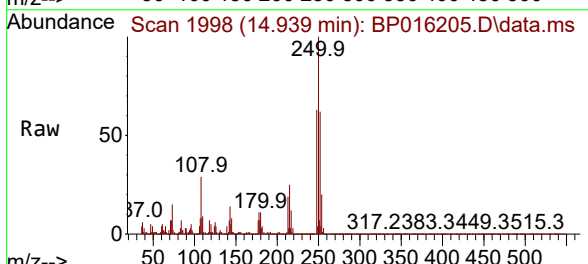
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

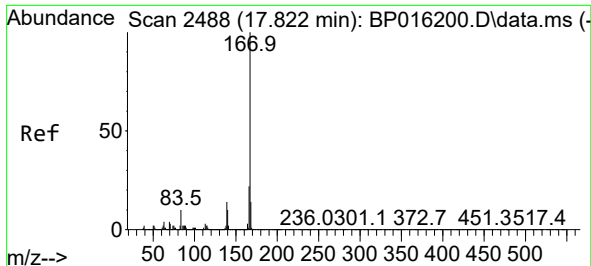
Tgt Ion:	216	Resp:	536145
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.6	94.0
218	48.7	38.5	57.7



#76
Pentachlorobenzene
Concen: 82.358 ng/uL
RT: 14.939 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:	250	Resp:	1243158
Ion Ratio	Lower	Upper	
250	100		
248	62.7	50.5	75.7
252	62.1	51.7	77.5

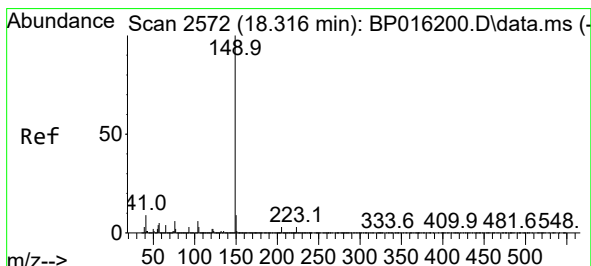
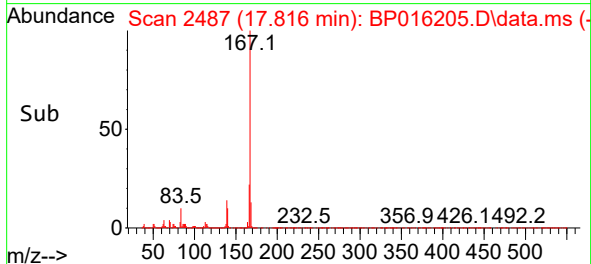
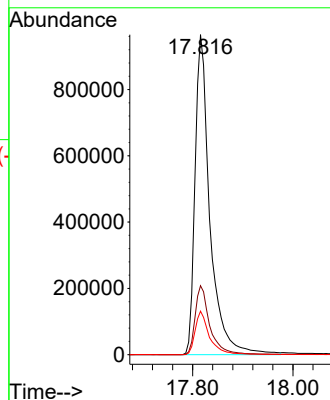
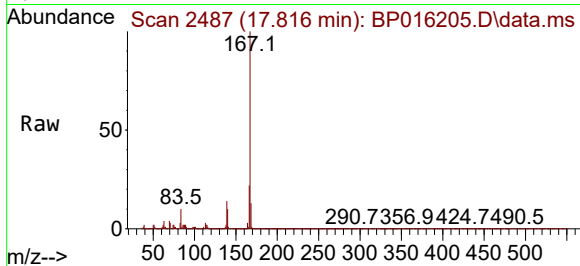




#77
Carbazole
Concen: 34.129 ng/ul
RT: 17.816 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

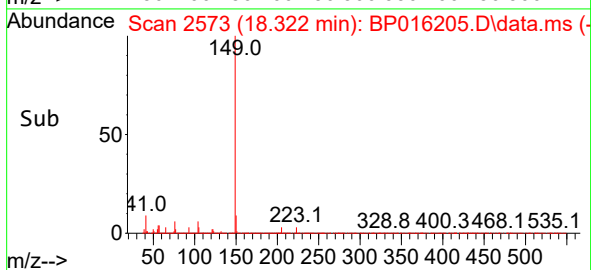
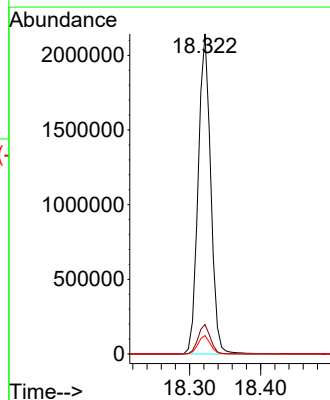
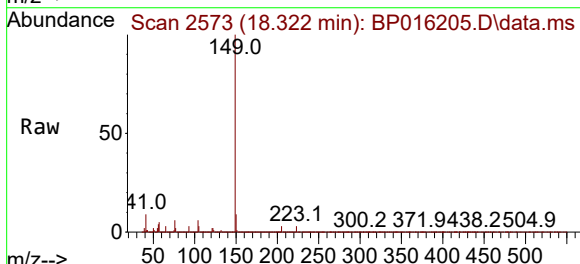
Instrument :
BNA_P
ClientSampleId :
YBW43MSD

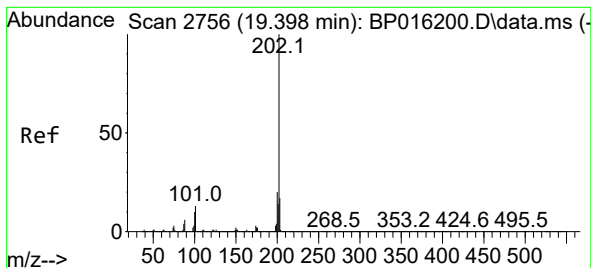
Tgt Ion:167 Resp: 1984546
Ion Ratio Lower Upper
167 100
166 21.5 16.8 25.2
139 13.6 10.2 15.4



#78
Di-n-butylphthalate
Concen: 36.193 ng/ul
RT: 18.322 min Scan# 2573
Delta R.T. 0.006 min
Lab File: BP016205.D
Acq: 13 Jul 2023 13:14

Tgt Ion:149 Resp: 2636313
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.7 4.6 7.0





#80

Fluoranthene

Concen: 34.931 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

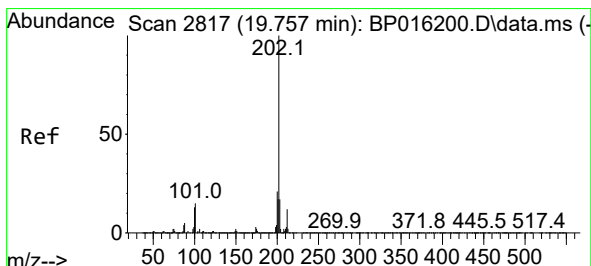
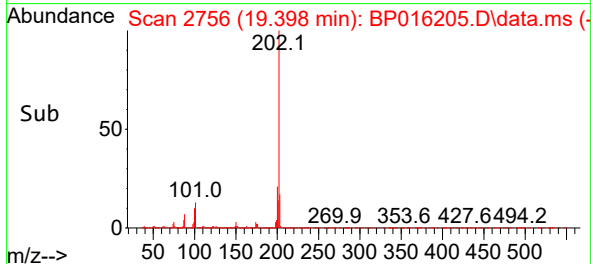
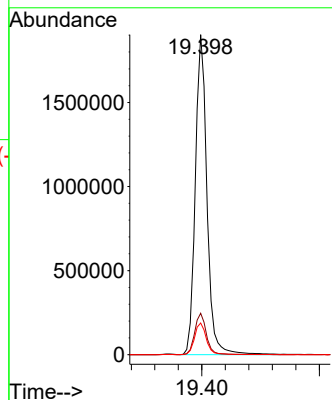
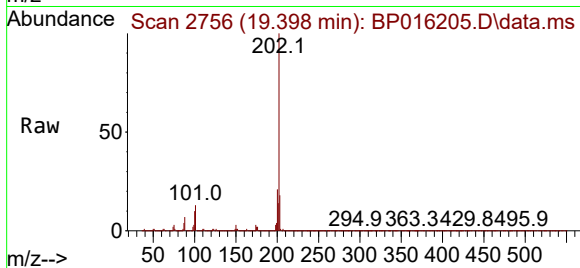
Tgt Ion:202 Resp: 2612744

Ion Ratio Lower Upper

202 100

101 13.0 10.4 15.6

100 9.9 8.2 12.4



#82

Pyrene

Concen: 34.342 ng/ul

RT: 19.757 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

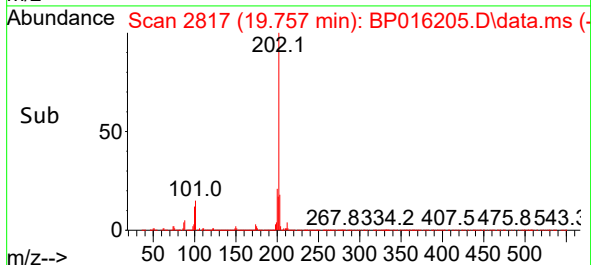
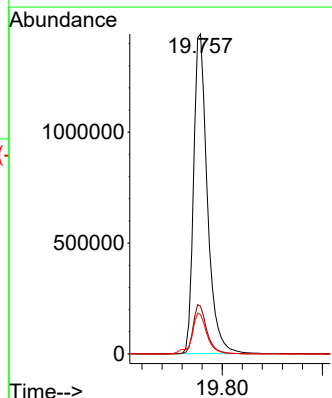
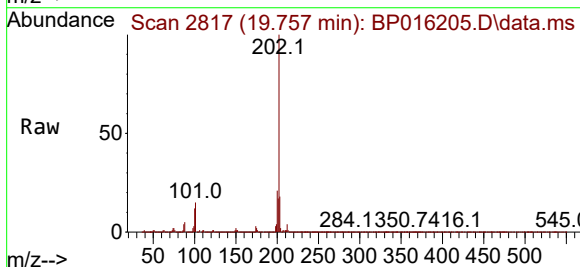
Tgt Ion:202 Resp: 2742494

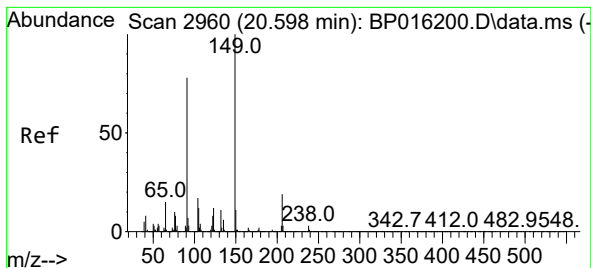
Ion Ratio Lower Upper

202 100

101 14.9 12.4 18.6

100 12.3 10.5 15.7





#83

Butylbenzylphthalate

Concen: 37.425 ng/ul

RT: 20.598 min Scan# 2960

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

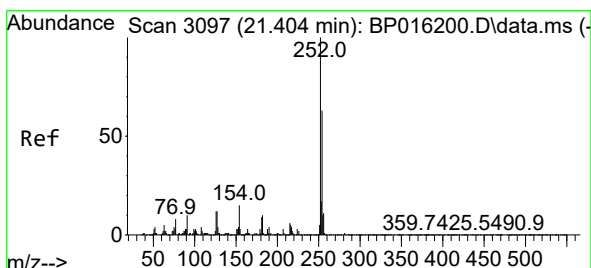
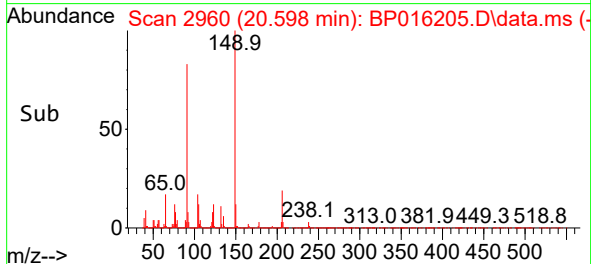
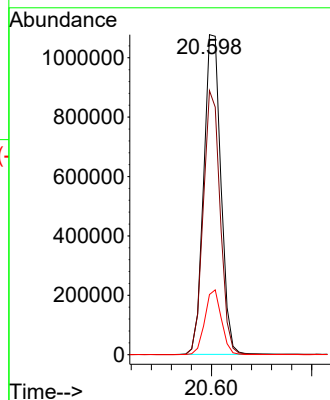
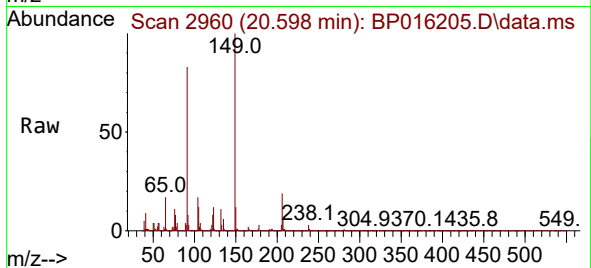
Tgt Ion:149 Resp: 1288933

Ion Ratio Lower Upper

149 100

91 82.5 67.1 100.7

206 18.8 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 33.237 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

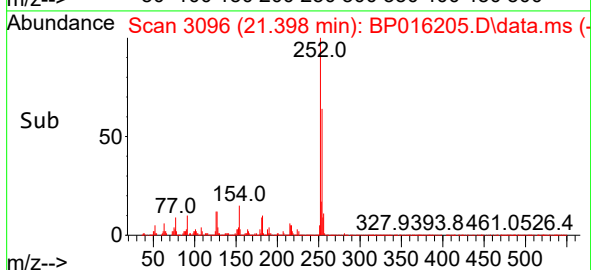
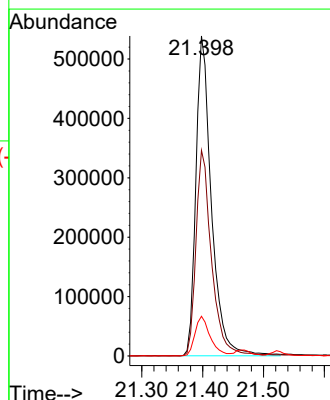
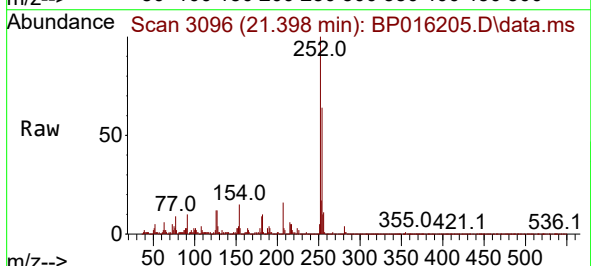
Tgt Ion:252 Resp: 957303

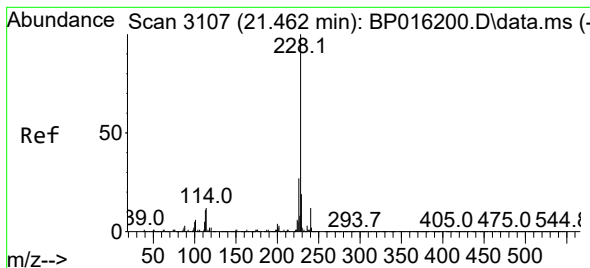
Ion Ratio Lower Upper

252 100

254 64.3 50.6 76.0

126 12.4 9.4 14.0





#85

Benzo(a)anthracene

Concen: 33.971 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

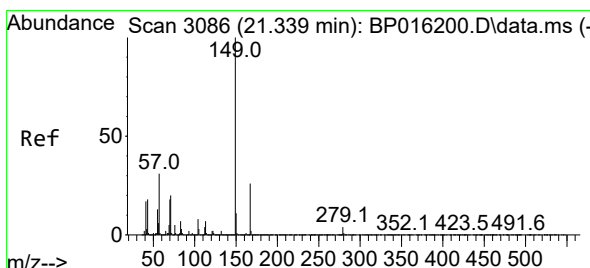
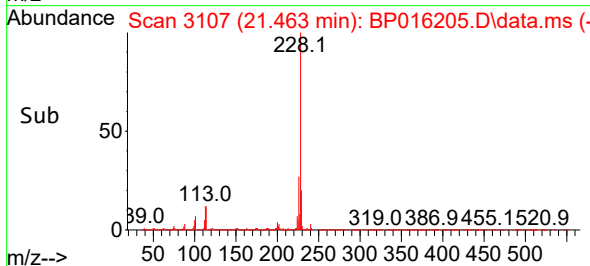
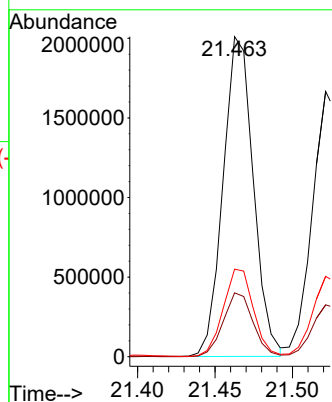
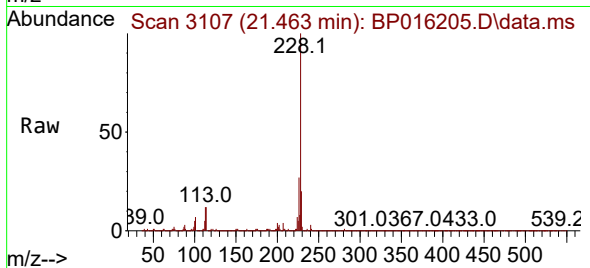
Tgt Ion:228 Resp: 2726950

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 27.3 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.713 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

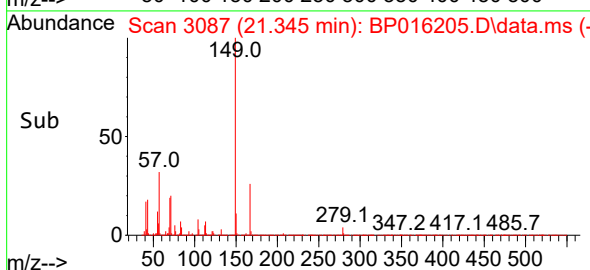
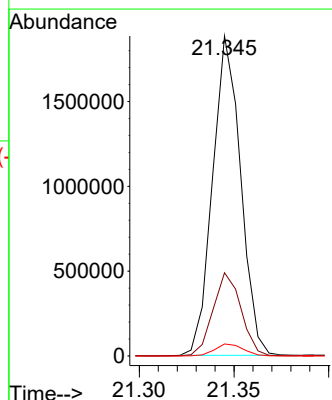
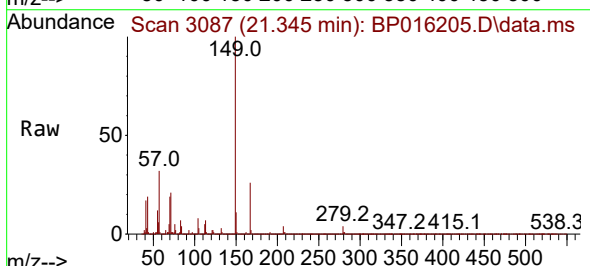
Tgt Ion:149 Resp: 1940351

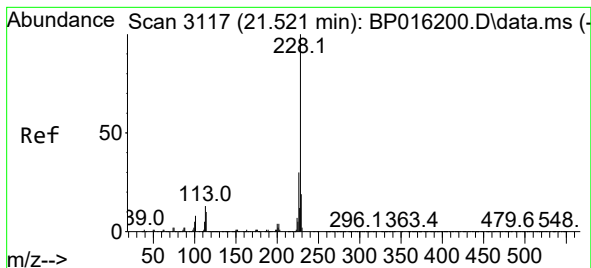
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 3.7 3.0 4.6





#87

Chrysene

Concen: 32.839 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

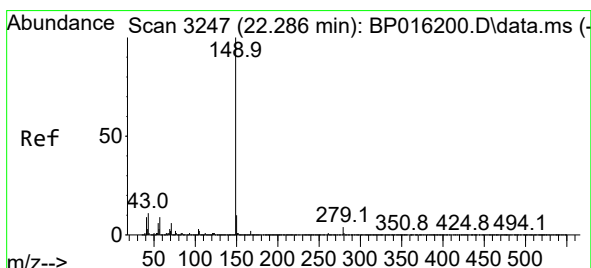
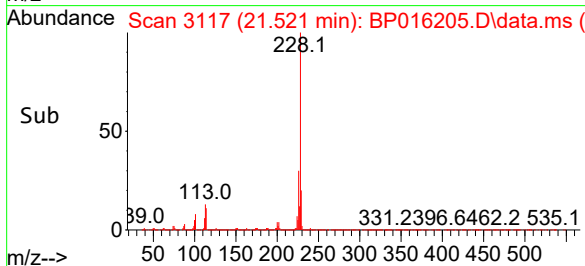
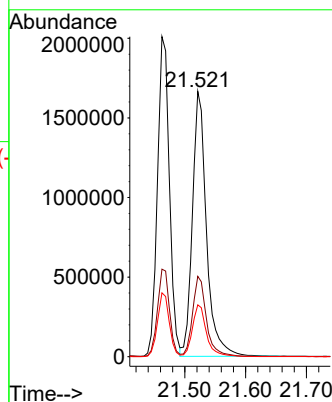
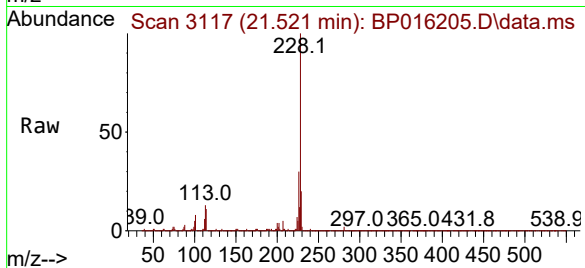
Tgt Ion:228 Resp: 2670371

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 36.317 ng/ul

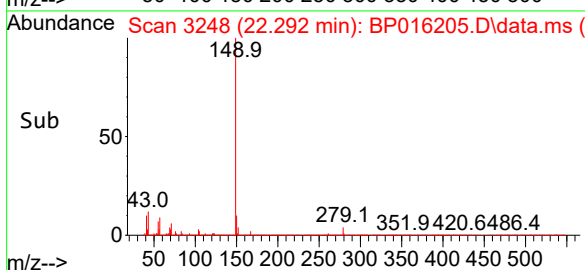
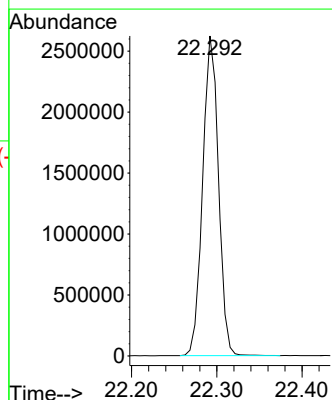
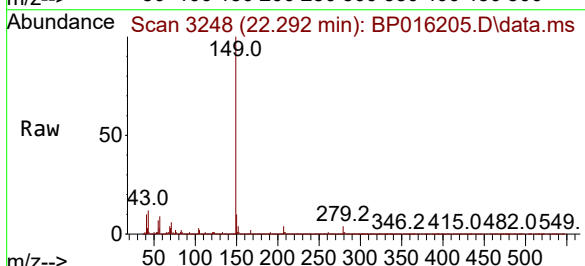
RT: 22.292 min Scan# 3248

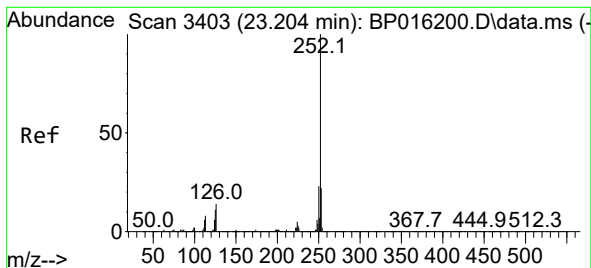
Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Tgt Ion:149 Resp: 3373804





#90

Benzo(b)fluoranthene

Concen: 35.618 ng/ul

RT: 23.210 min Scan# 3404

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

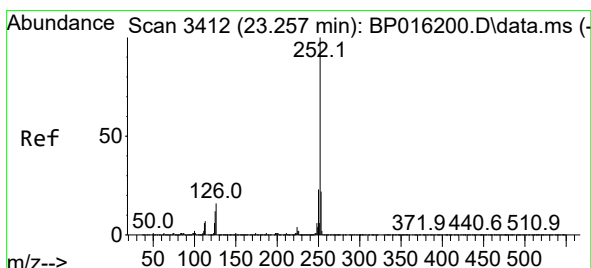
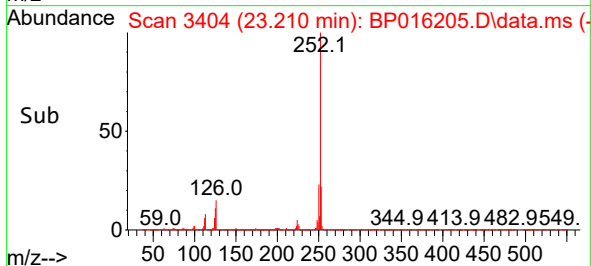
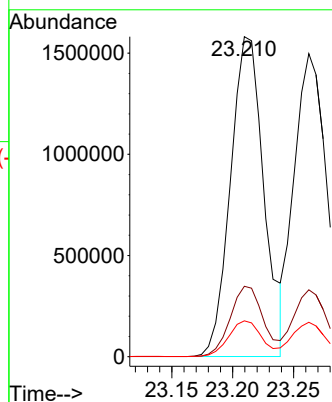
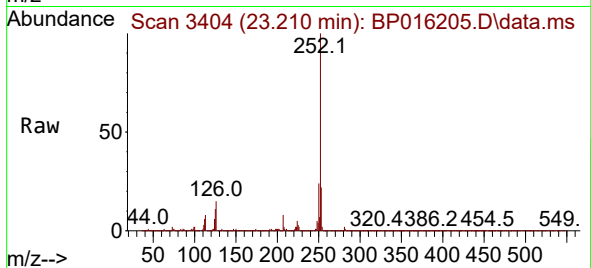
Tgt Ion:252 Resp: 3017441

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.2 9.4 14.0



#91

Benzo(k)fluoranthene

Concen: 33.164 ng/ul

RT: 23.262 min Scan# 3413

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

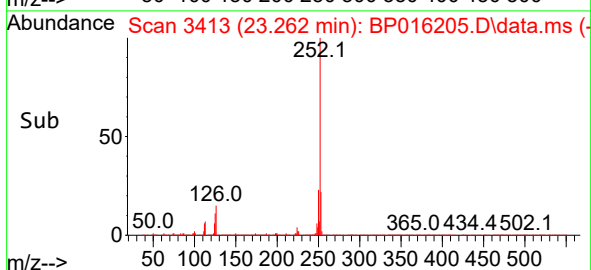
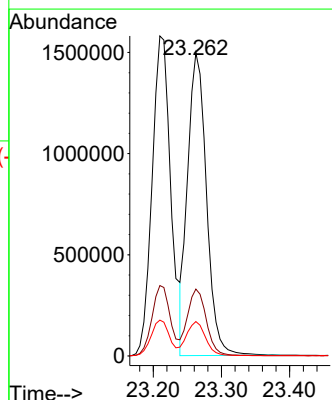
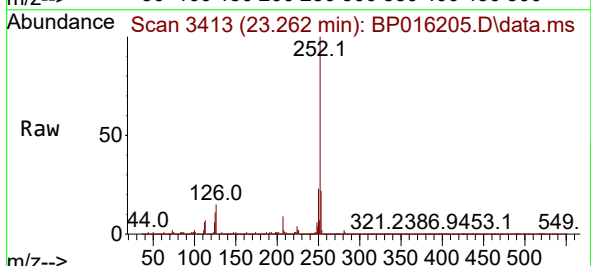
Tgt Ion:252 Resp: 2859162

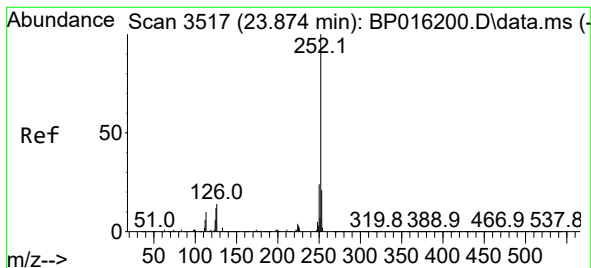
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.4 9.3 13.9





#93

Benzo(a)pyrene

Concen: 31.638 ng/ul

RT: 23.874 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

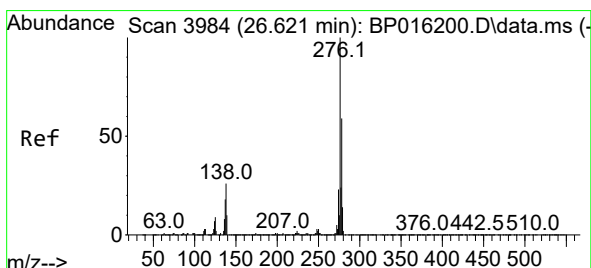
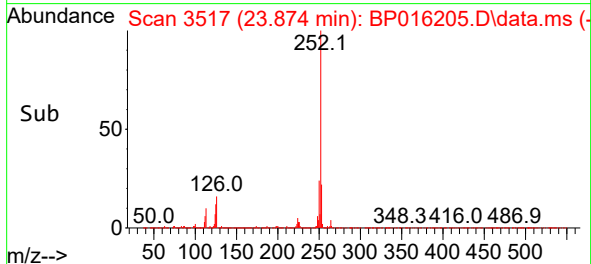
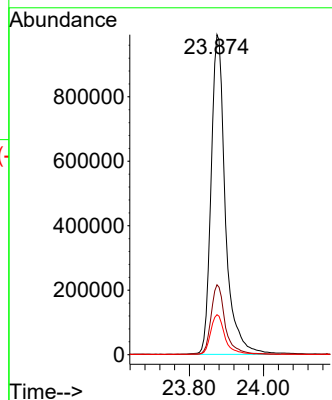
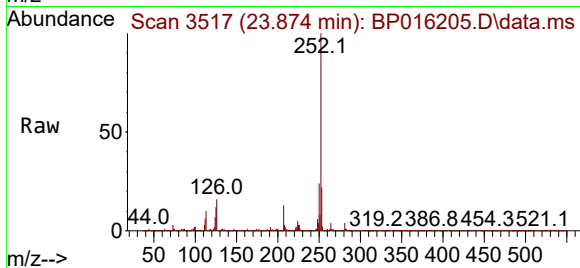
Tgt Ion:252 Resp: 2655130

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.5 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.871 ng/ul

RT: 26.627 min Scan# 3985

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

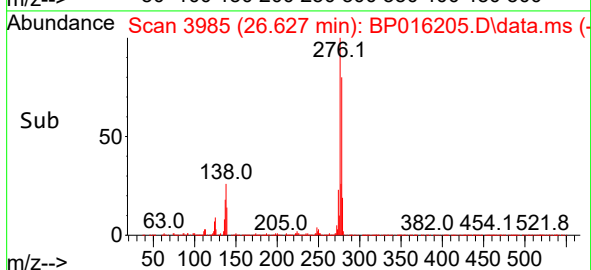
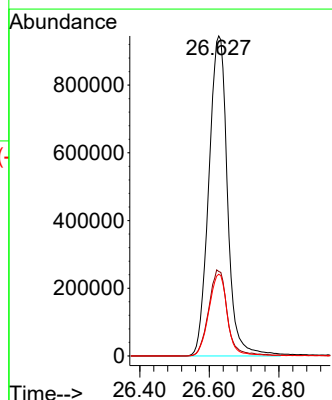
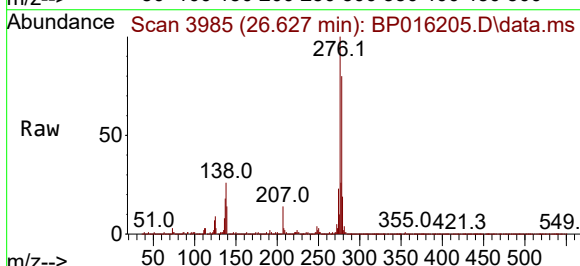
Tgt Ion:276 Resp: 3519865

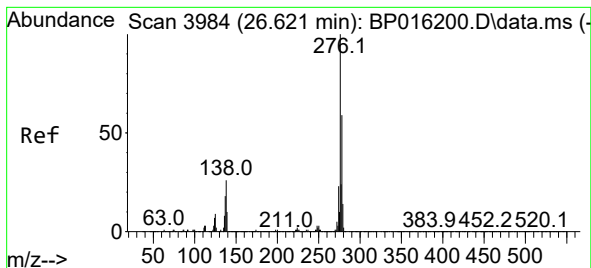
Ion Ratio Lower Upper

276 100

138 26.4 20.8 31.2

277 25.5 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 34.096 ng/ul

RT: 26.633 min Scan# 3984

Delta R.T. 0.012 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Instrument :

BNA_P

ClientSampleId :

YBW43MSD

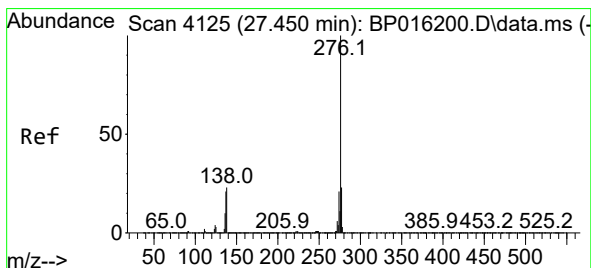
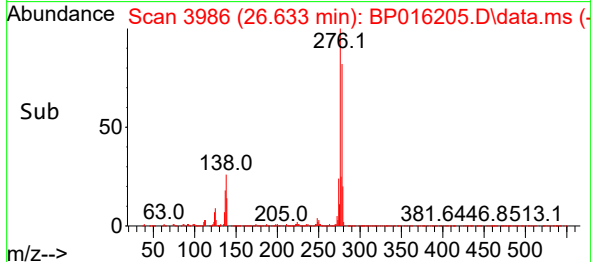
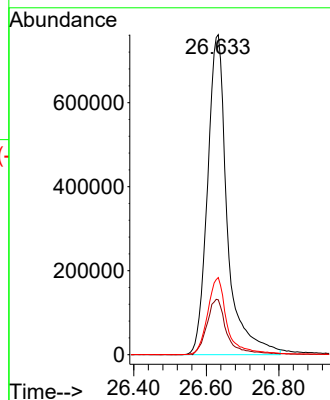
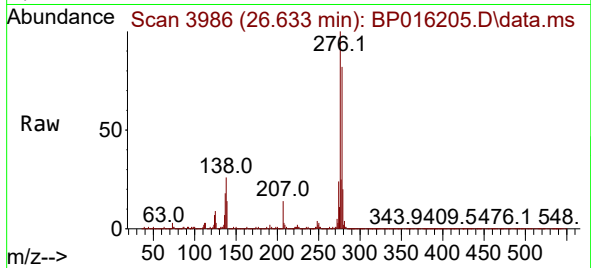
Tgt Ion:278 Resp: 2890207

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

279 24.1 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 34.433 ng/ul

RT: 27.456 min Scan# 4126

Delta R.T. 0.006 min

Lab File: BP016205.D

Acq: 13 Jul 2023 13:14

Tgt Ion:276 Resp: 2856159

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.4

277 23.6 19.0 28.4

