

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039124.D
 Acq On : 23 Mar 2023 20:04
 Operator : CG/JU
 Sample : 02045-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC2-20230322MSD

Quant Time: Mar 24 04:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	256745	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	978172	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	513772	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	919794	20.000	ng	0.00
76) Chrysene-d12	21.527	240	773800	20.000	ng	0.00
86) Perylene-d12	23.956	264	1034230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1802108	106.640	ng	0.00
7) Phenol-d6	7.128	99	2236049	101.869	ng	0.00
23) Nitrobenzene-d5	9.128	82	1362934	68.443	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	617768	103.940	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2690370	68.169	ng	0.00
79) Terphenyl-d14	19.962	244	2954750	69.815	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	295144	39.258	ng	99
3) Pyridine	3.793	79	768096	36.839	ng	99
4) n-Nitrosodimethylamine	3.699	42	329265	38.808	ng	93
6) Aniline	7.287	93	1087683	37.740	ng	99
8) 2-Chlorophenol	7.522	128	809909	45.017	ng	98
9) Benzaldehyde	7.098	77	554681	53.104	ng	94
10) Phenol	7.151	94	1010076	43.333	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	810241	42.753	ng	99
12) 1,3-Dichlorobenzene	7.845	146	898549	46.996	ng	98
13) 1,4-Dichlorobenzene	7.998	146	913030	46.954	ng	99
14) 1,2-Dichlorobenzene	8.316	146	869374	46.414	ng	100
15) Benzyl Alcohol	8.204	79	686786	43.653	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1032639	43.144	ng	98
17) 2-Methylphenol	8.410	107	652455	40.747	ng	98
18) Hexachloroethane	9.045	117	352682	49.158	ng	97
19) n-Nitroso-di-n-propyla...	8.775	70	586561	42.426	ng	97
20) 3+4-Methylphenols	8.739	107	868697	40.630	ng	99
22) Acetophenone	8.792	105	1203585	43.856	ng	# 97
24) Nitrobenzene	9.169	77	876029	41.854	ng	99
25) Isophorone	9.698	82	1588737	43.355	ng	100
26) 2-Nitrophenol	9.886	139	427317	46.347	ng	94
27) 2,4-Dimethylphenol	9.945	122	713989	44.716	ng	99
28) bis(2-Chloroethoxy)met...	10.181	93	1006448	42.745	ng	99
29) 2,4-Dichlorophenol	10.422	162	683827	45.173	ng	98
30) 1,2,4-Trichlorobenzene	10.633	180	757054	45.764	ng	99
31) Naphthalene	10.822	128	2629116	47.136	ng	100
32) Benzoic acid	10.075	122	426832	37.815	ng	99
33) 4-Chloroaniline	10.933	127	496737	20.897	ng	100
34) Hexachlorobutadiene	11.104	225	439699	46.350	ng	99
35) Caprolactam	11.733	113	181213	39.331	ng	95
36) 4-Chloro-3-methylphenol	12.063	107	689596	42.780	ng	99
37) 2-Methylnaphthalene	12.427	142	1567623	41.932	ng	99
38) 1-Methylnaphthalene	12.651	142	1446692	41.293	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	769844	46.092	ng	100
41) Hexachlorocyclopentadiene	12.774	237	860092	93.813	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	498119	46.055	ng	98

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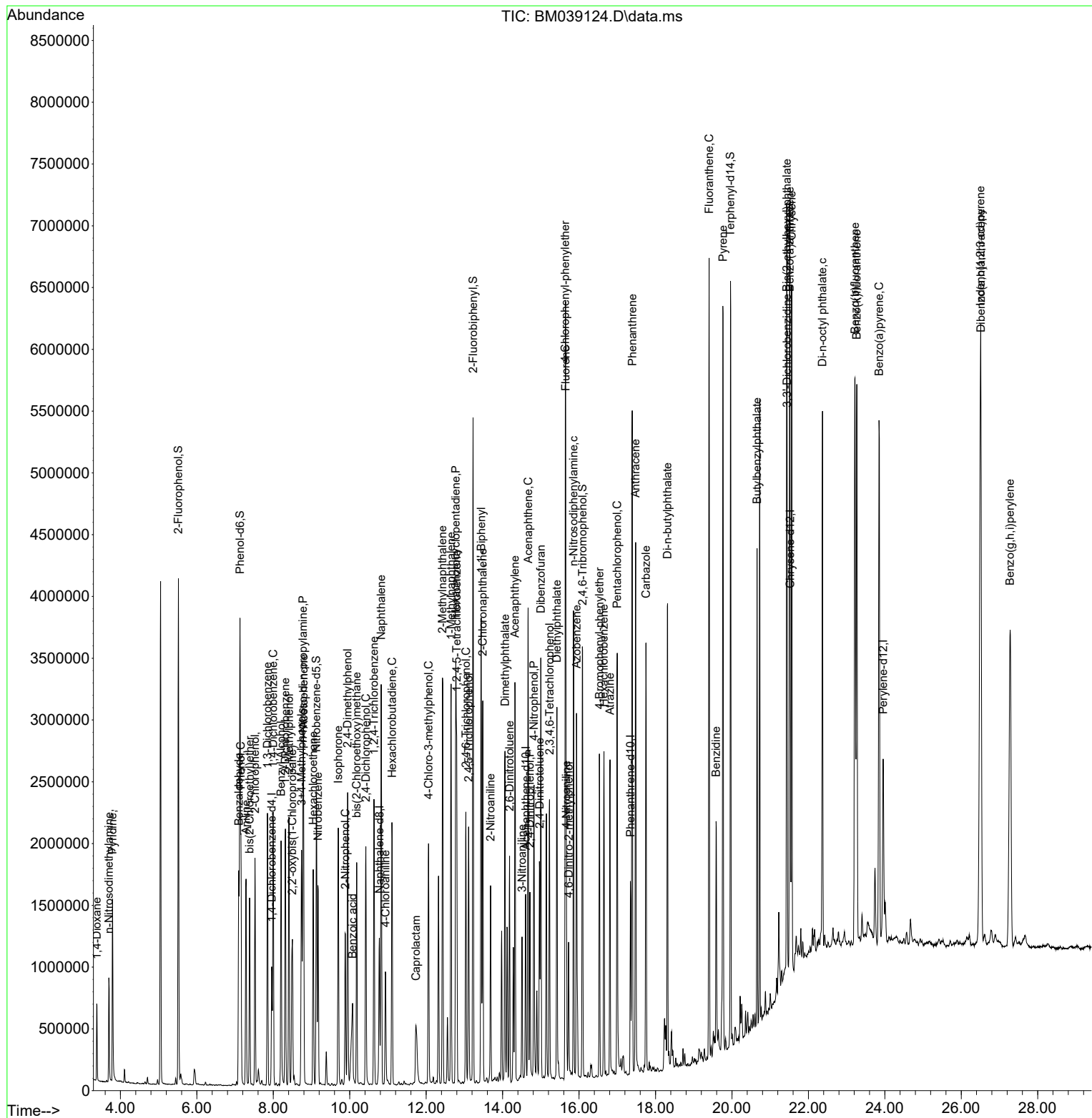
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	527228	41.646	ng	97
46) 1,1'-Biphenyl	13.439	154	1947294	44.739	ng	99
47) 2-Chloronaphthalene	13.480	162	1470555	44.805	ng	99
48) 2-Nitroaniline	13.686	65	431250	41.360	ng	94
49) Acenaphthylene	14.321	152	2307000	44.128	ng	99
50) Dimethylphthalate	14.063	163	1678491	42.457	ng	100
51) 2,6-Dinitrotoluene	14.180	165	367003	42.159	ng	96
52) Acenaphthene	14.668	154	1358678	42.288	ng	99
53) 3-Nitroaniline	14.510	138	294590	29.457	ng	96
54) 2,4-Dinitrophenol	14.716	184	342528	68.928	ng	93
55) Dibenzofuran	14.998	168	2120750	42.181	ng	99
56) 4-Nitrophenol	14.821	139	667945	85.071	ng	95
57) 2,4-Dinitrotoluene	14.968	165	484237	42.340	ng	93
58) Fluorene	15.651	166	1667729	42.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	427109	43.745	ng	97
60) Diethylphthalate	15.421	149	1671835	43.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	793114	40.992	ng	98
62) 4-Nitroaniline	15.668	138	374150	36.403	ng	96
63) Azobenzene	15.933	77	1798317	44.182	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	238575	40.373	ng	94
66) n-Nitrosodiphenylamine	15.857	169	1369686	44.172	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	464784	46.783	ng	98
68) Hexachlorobenzene	16.651	284	513452	46.232	ng	99
69) Atrazine	16.809	200	428430	50.584	ng	98
70) Pentachlorophenol	16.998	266	640445	78.404	ng	99
71) Phenanthrene	17.392	178	3168202	58.688	ng	100
72) Anthracene	17.480	178	2555475	47.469	ng	99
73) Carbazole	17.751	167	2168608	44.138	ng	99
74) Di-n-butylphthalate	18.315	149	2734645	45.722	ng	99
75) Fluoranthene	19.403	202	3630187	63.690	ng	99
77) Benzidine	19.586	184	1168337	64.386	ng	98
78) Pyrene	19.762	202	3628030	62.424	ng	99
80) Butylbenzylphthalate	20.656	149	1136006	46.109	ng	99
81) Benzo(a)anthracene	21.509	228	3119674	55.983	ng	98
82) 3,3'-Dichlorobenzidine	21.444	252	848538	49.546	ng	99
83) Chrysene	21.562	228	2842896	52.454	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1737920	48.606	ng	99
85) Di-n-octyl phthalate	22.368	149	3007423	50.505	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	4208335	53.475	ng	99
88) Benzo(b)fluoranthene	23.221	252	3696395	55.944	ng	100
89) Benzo(k)fluoranthene	23.268	252	3108482	45.206	ng	99
90) Benzo(a)pyrene	23.850	252	3293256	51.788	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3185341	47.794	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3554373	54.511	ng	100

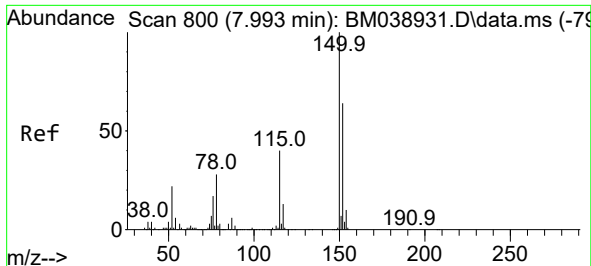
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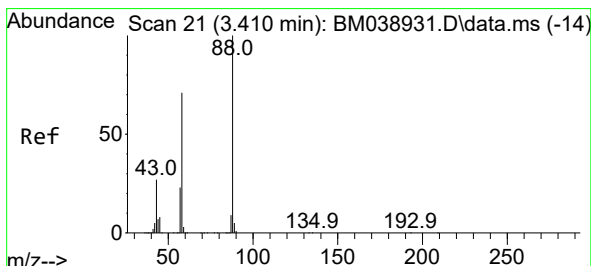
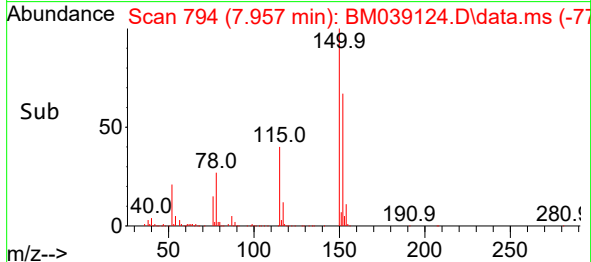
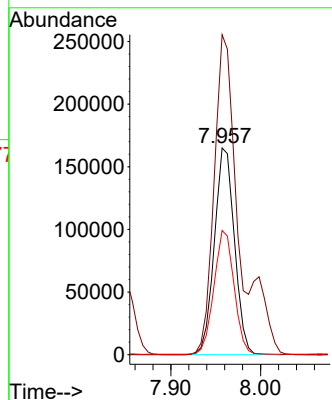
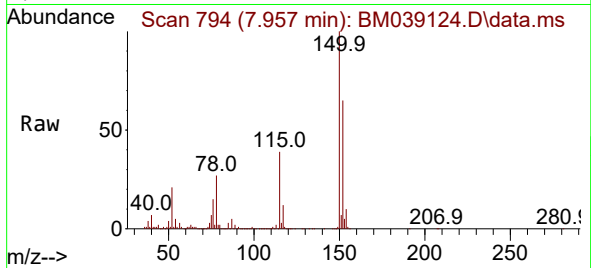




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM039124.D
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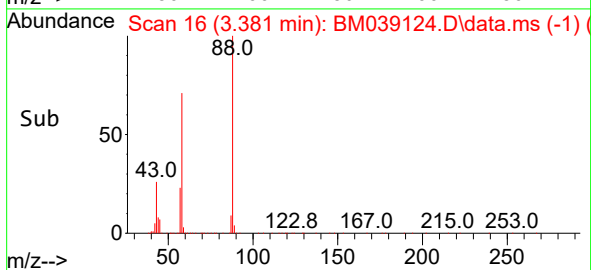
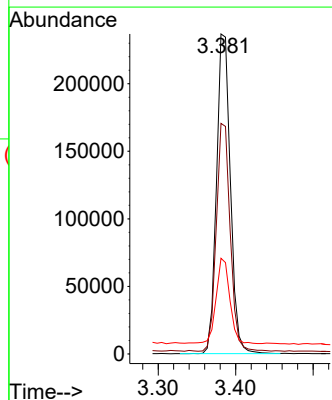
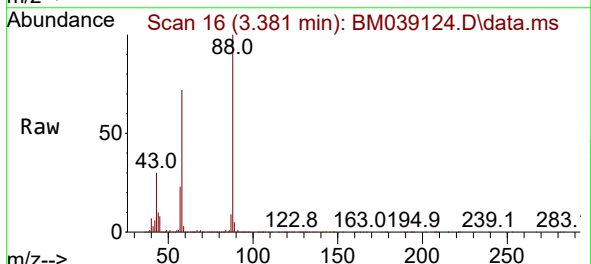
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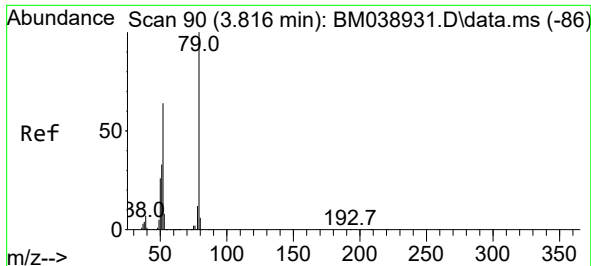
Tgt Ion:152 Resp: 256745
Ion Ratio Lower Upper
152 100
150 154.7 125.1 187.7
115 60.0 49.6 74.4



#2
1,4-Dioxane
Concen: 39.258 ng
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 88 Resp: 295144
Ion Ratio Lower Upper
88 100
58 71.3 57.2 85.8
43 26.2 22.0 33.0

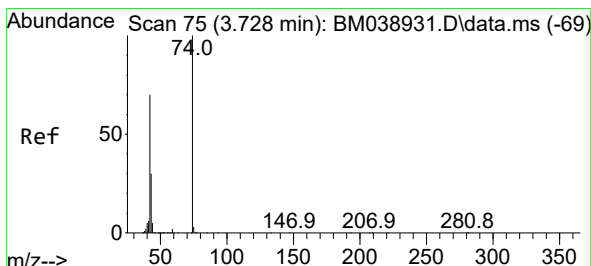
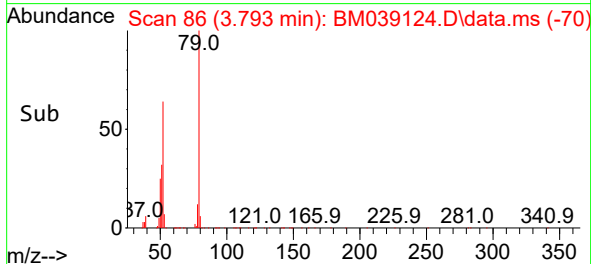
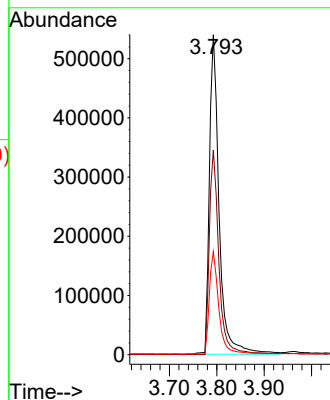
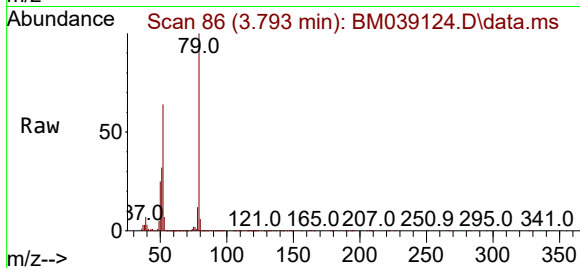




#3
Pyridine
Concen: 36.839 ng
RT: 3.793 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

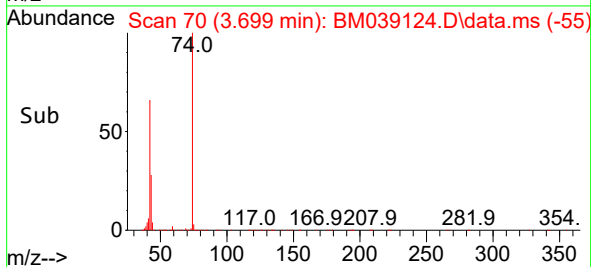
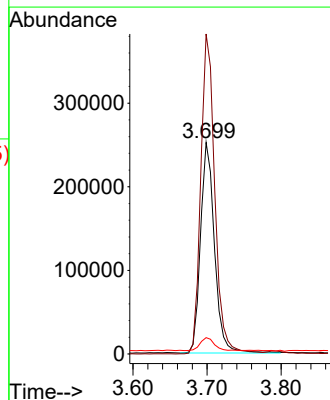
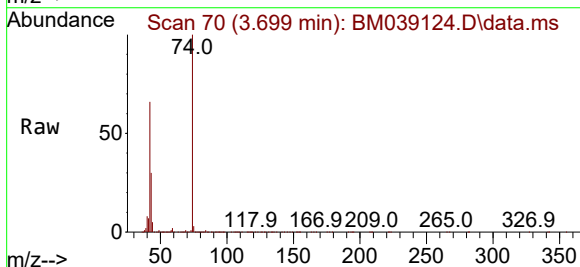
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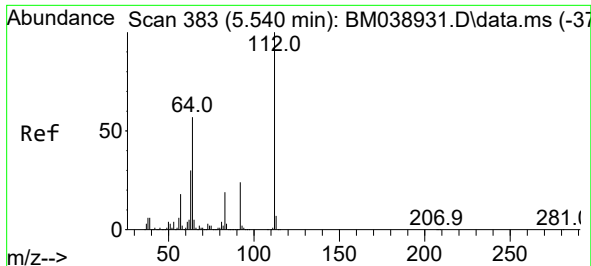
Tgt Ion: 79 Resp: 768096
Ion Ratio Lower Upper
79 100
52 64.0 51.4 77.2
51 32.2 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 38.808 ng
RT: 3.699 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 42 Resp: 329265
Ion Ratio Lower Upper
42 100
74 151.3 113.8 170.8
44 7.7 6.2 9.2

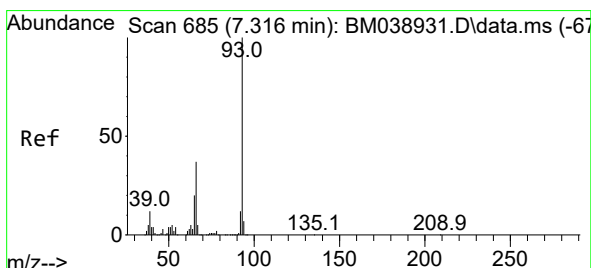
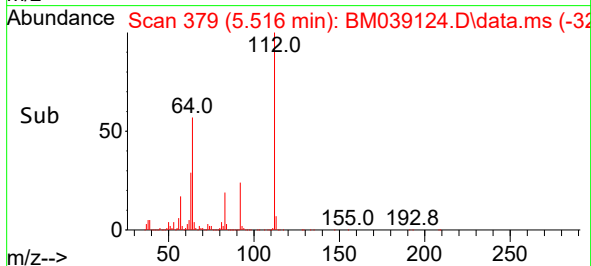
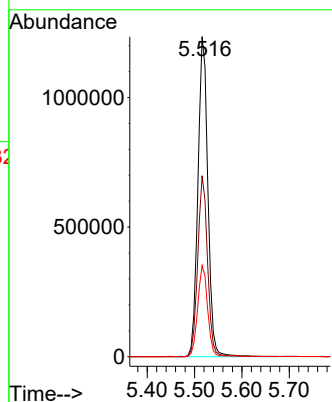
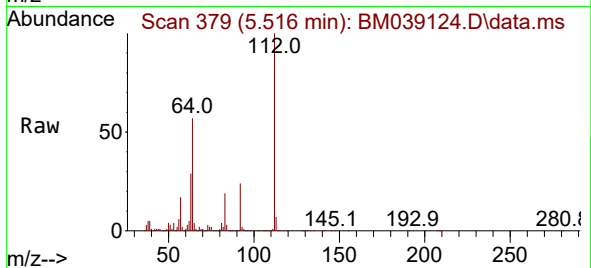




#5
2-Fluorophenol
Concen: 106.640 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

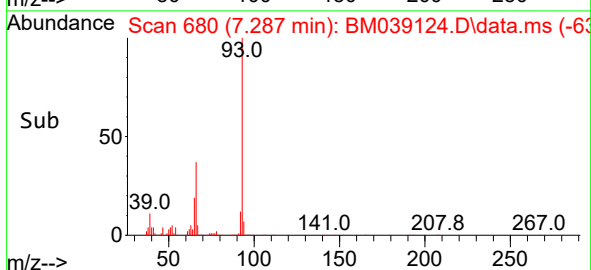
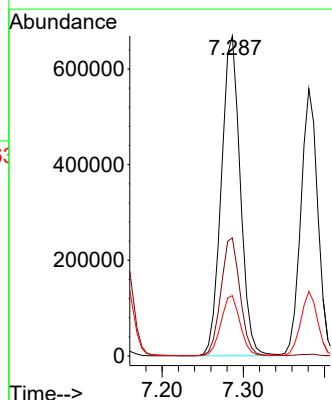
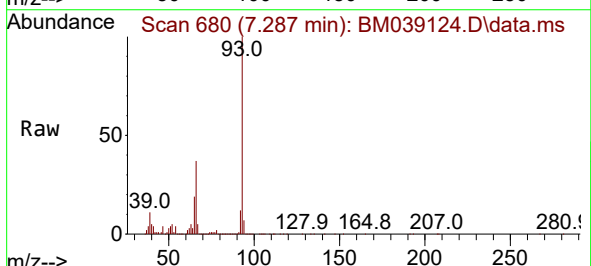
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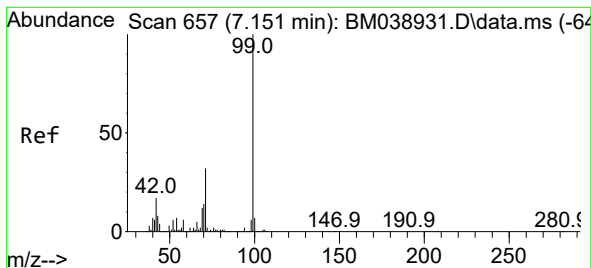
Tgt Ion:112 Resp: 1802108
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 28.5 23.8 35.8



#6
Aniline
Concen: 37.740 ng
RT: 7.287 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 93 Resp: 1087683
Ion Ratio Lower Upper
93 100
66 36.9 30.0 45.0
65 18.8 15.8 23.6





#7

Phenol-d6

Concen: 101.869 ng

RT: 7.128 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

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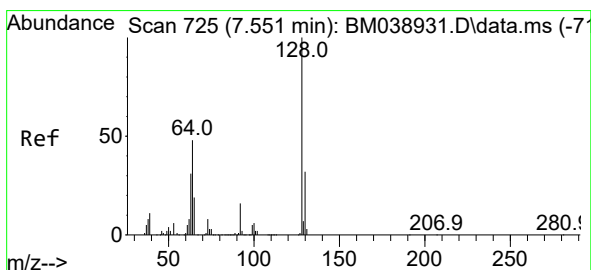
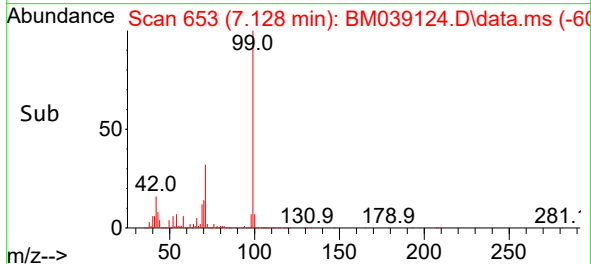
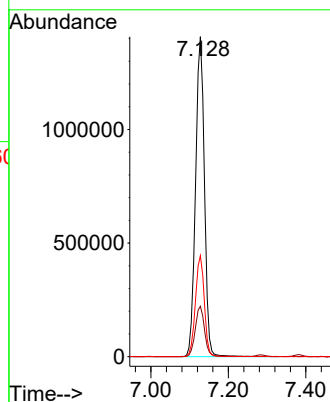
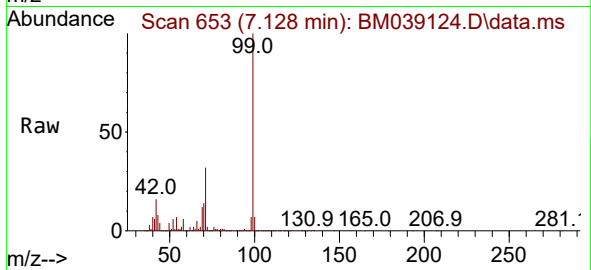
Tgt Ion: 99 Resp: 2236049

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 31.6 25.6 38.4



#8

2-Chlorophenol

Concen: 45.017 ng

RT: 7.522 min Scan# 720

Delta R.T. -0.006 min

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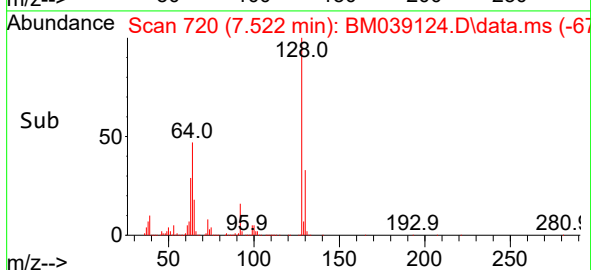
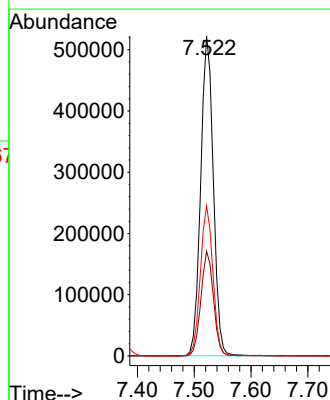
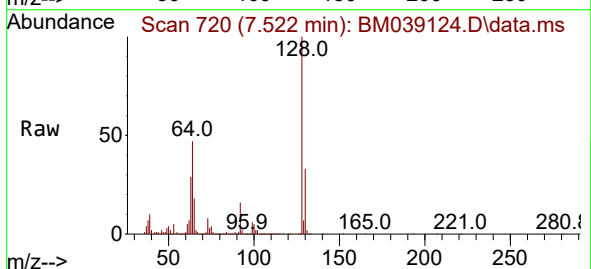
Tgt Ion: 128 Resp: 809909

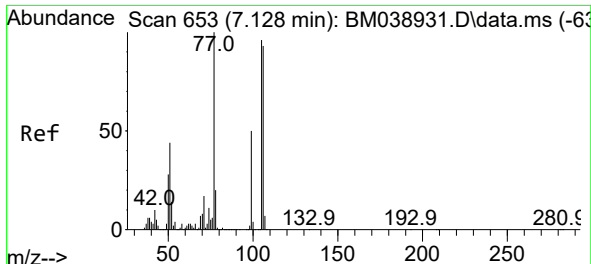
Ion Ratio Lower Upper

128 100

130 32.8 11.9 51.9

64 46.8 28.6 68.6

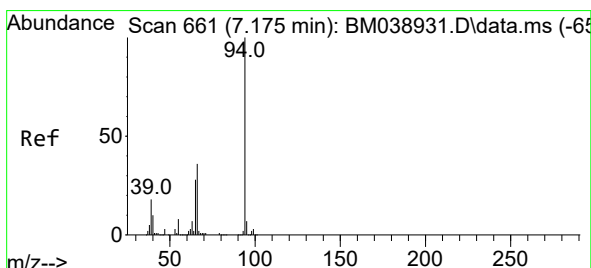
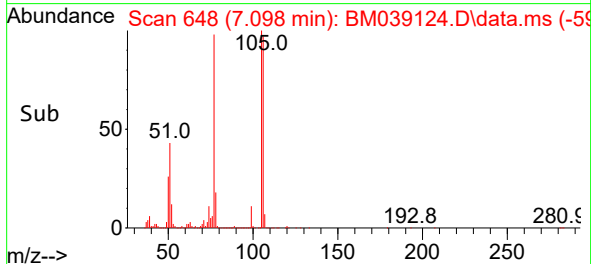
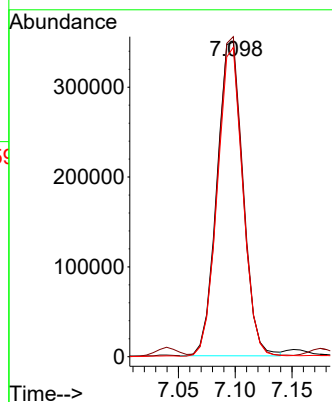
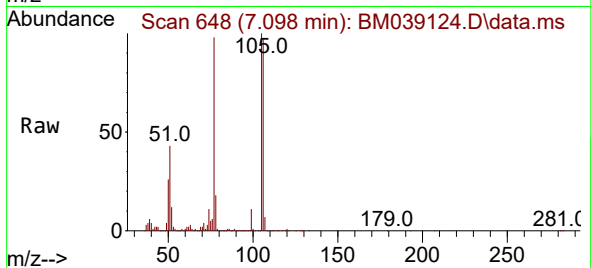




#9
Benzaldehyde
Concen: 53.104 ng
RT: 7.098 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

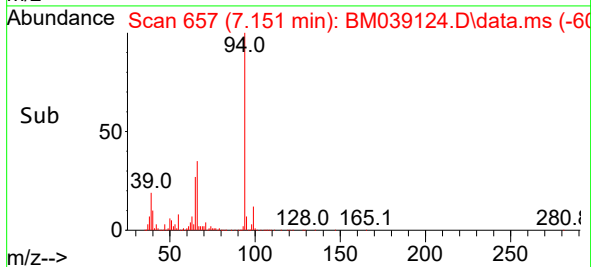
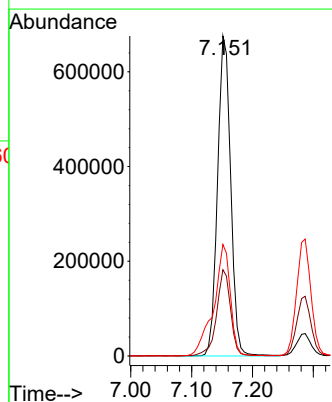
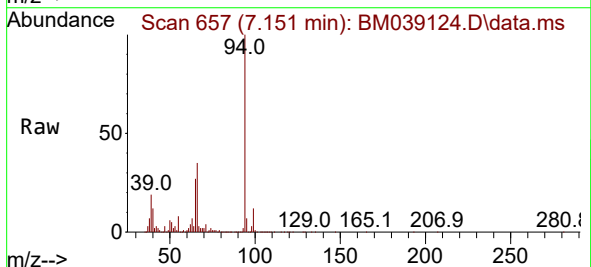
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Tgt Ion: 77 Resp: 554681
Ion Ratio Lower Upper
77 100
105 101.8 75.8 115.8
106 98.4 72.6 112.6



#10
Phenol
Concen: 43.333 ng
RT: 7.151 min Scan# 657
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 1010076
Ion Ratio Lower Upper
94 100
65 27.0 7.9 47.9
66 34.9 15.8 55.8

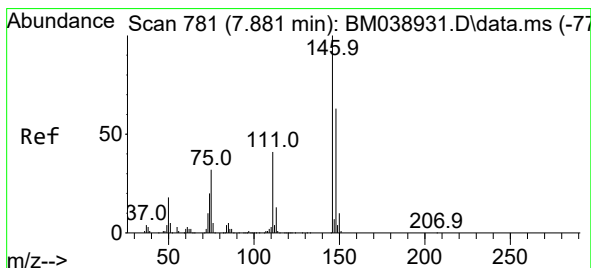
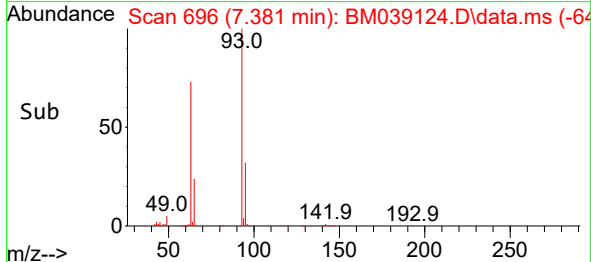
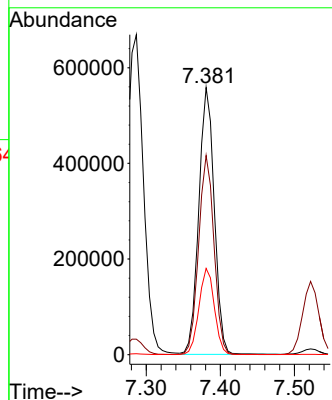
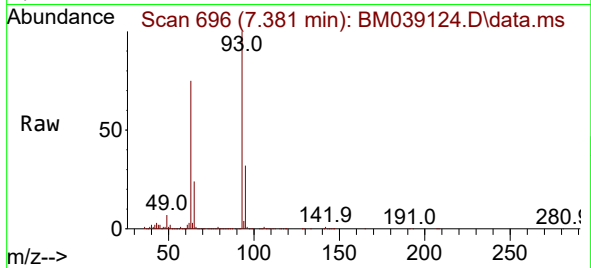




#11
bis(2-Chloroethyl)ether
Concen: 42.753 ng
RT: 7.381 min Scan# 696
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

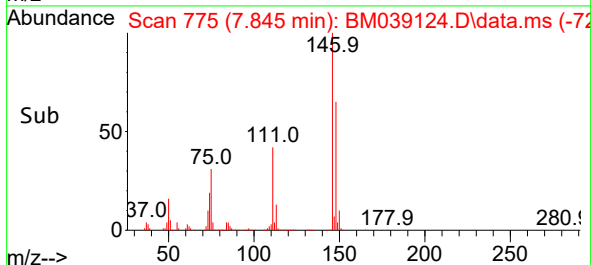
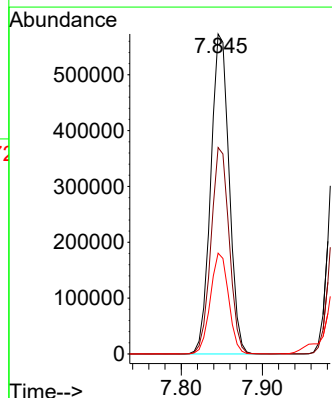
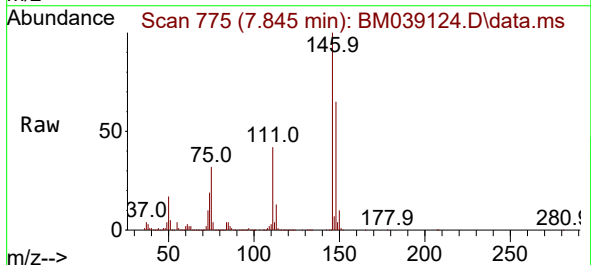
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

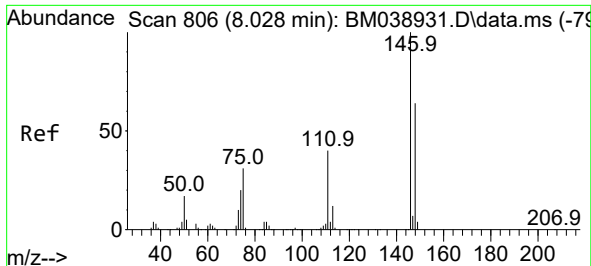
Tgt Ion: 93 Resp: 810241
Ion Ratio Lower Upper
93 100
63 74.6 55.8 95.8
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.996 ng
RT: 7.845 min Scan# 775
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 146 Resp: 898549
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.5 26.0 39.0

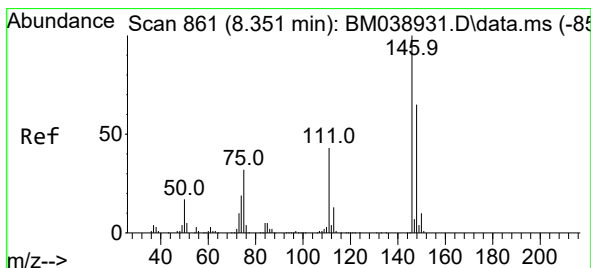
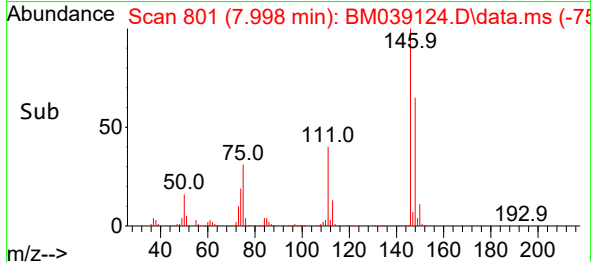
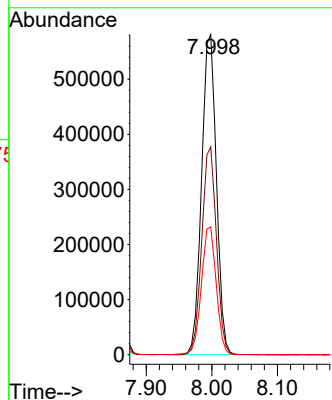
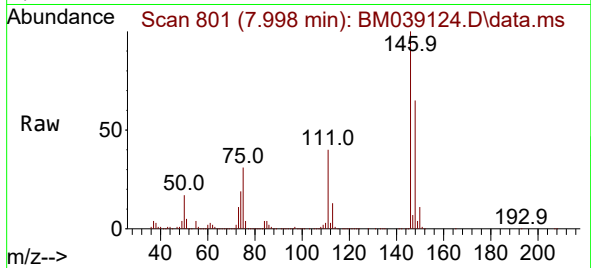




#13
1,4-Dichlorobenzene
Concen: 46.954 ng
RT: 7.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

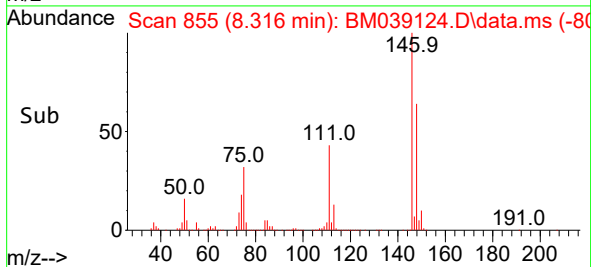
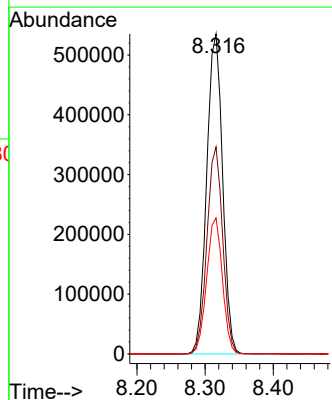
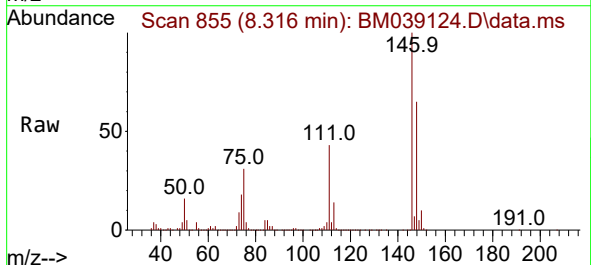
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

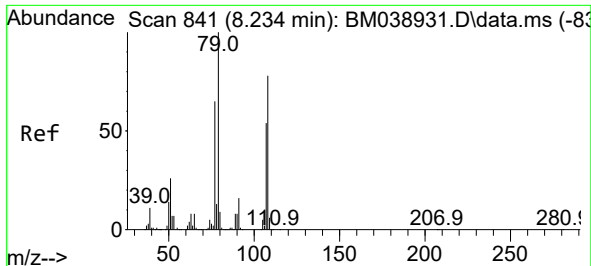
Tgt Ion:146 Resp: 913030
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 39.9 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 46.414 ng
RT: 8.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:146 Resp: 869374
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
111 42.5 34.2 51.4

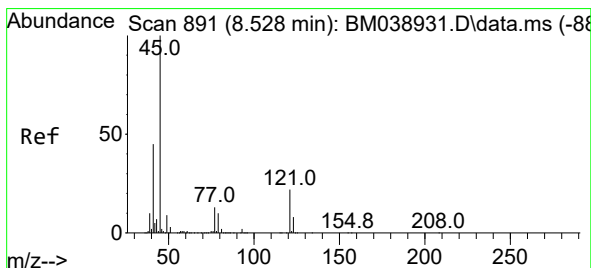
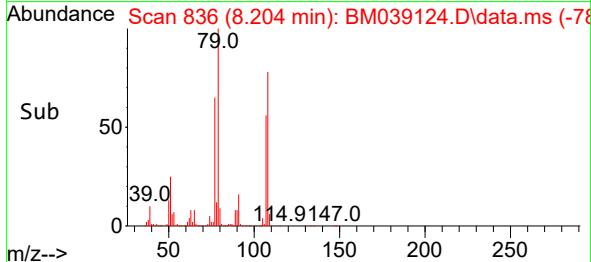
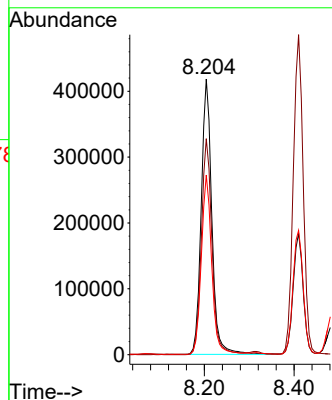
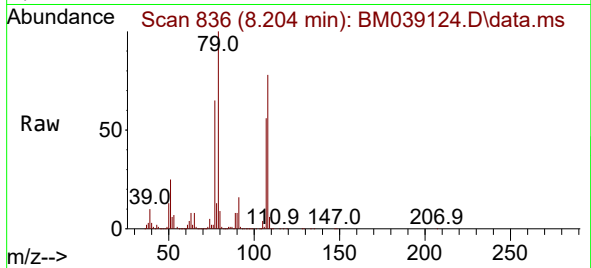




#15
Benzyl Alcohol
Concen: 43.653 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

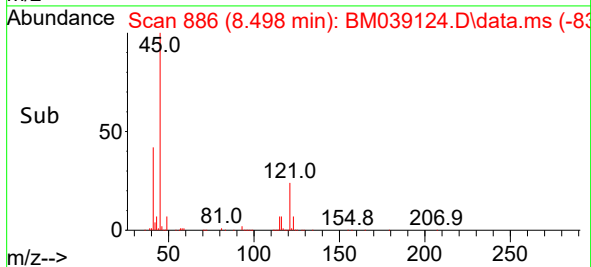
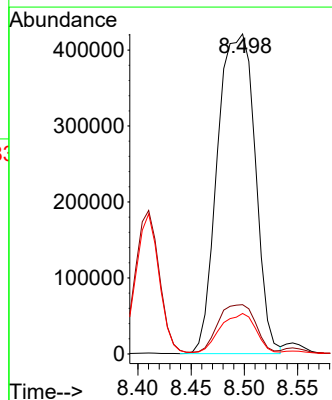
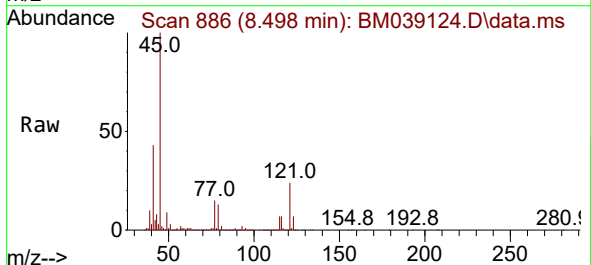
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

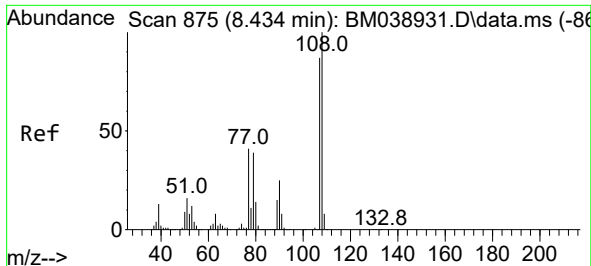
Tgt Ion: 79 Resp: 686786
Ion Ratio Lower Upper
79 100
108 78.4 62.4 93.6
77 65.2 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.144 ng
RT: 8.498 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 45 Resp: 1032639
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.8
79 12.7 0.0 31.5

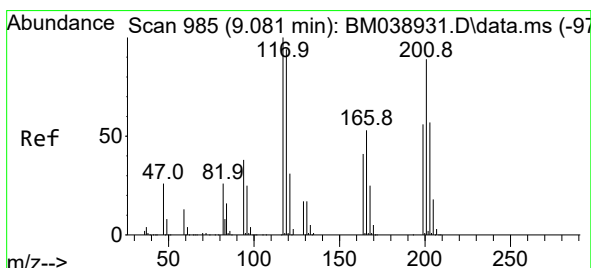
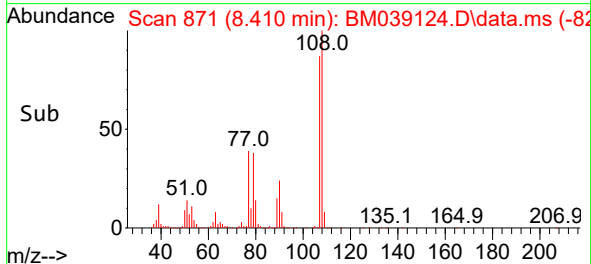
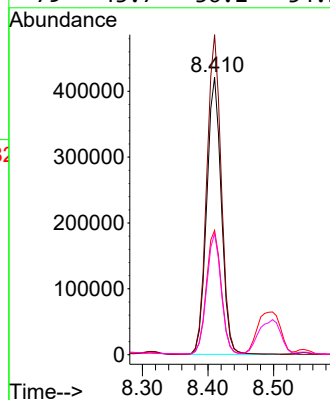
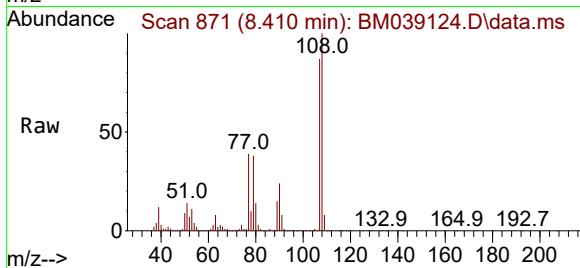




#17
2-Methylphenol
Concen: 40.747 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

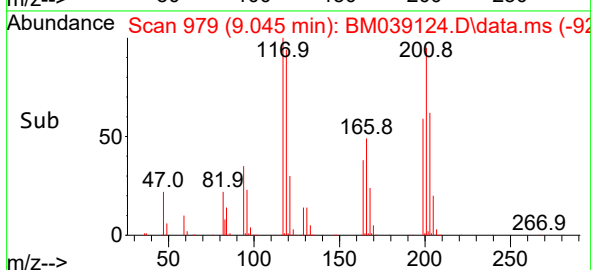
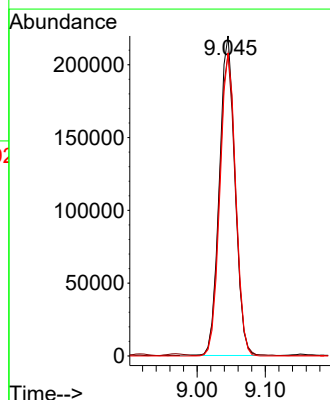
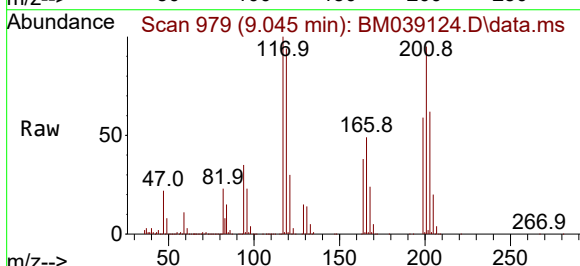
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

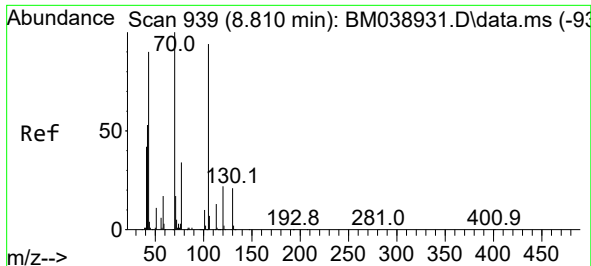
Tgt Ion:107 Resp: 652455
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 44.8 37.4 56.2
79 43.7 36.2 54.2



#18
Hexachloroethane
Concen: 49.158 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:117 Resp: 352682
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
201 94.6 71.3 106.9

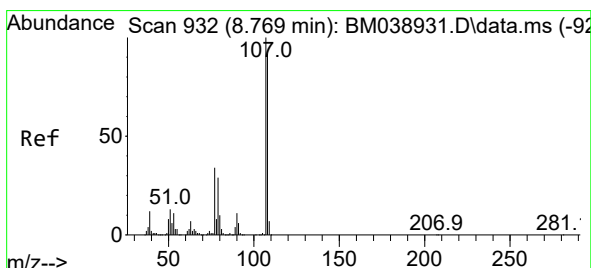
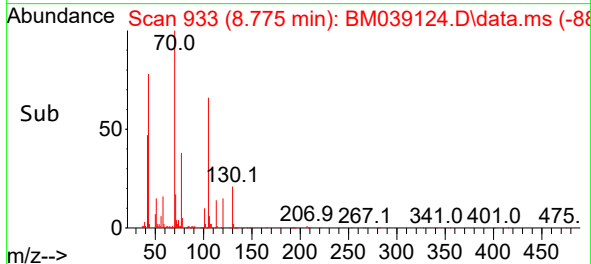
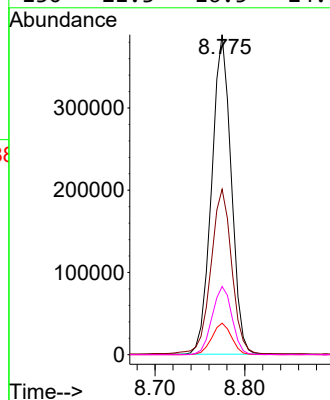
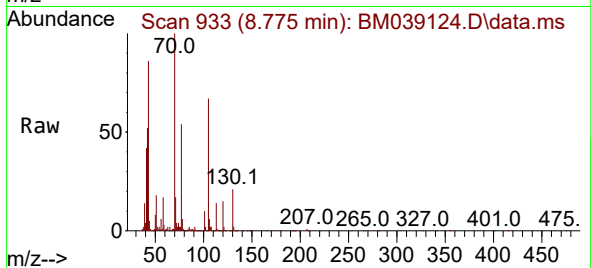




#19
n-Nitroso-di-n-propylamine
Concen: 42.426 ng
RT: 8.775 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

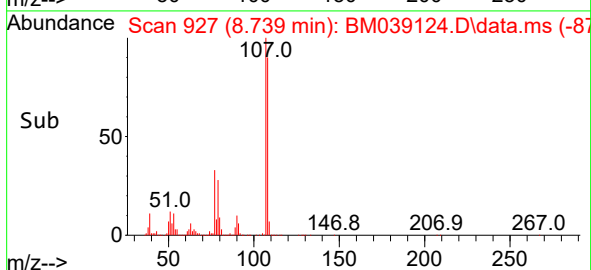
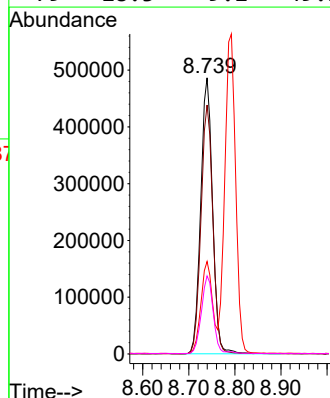
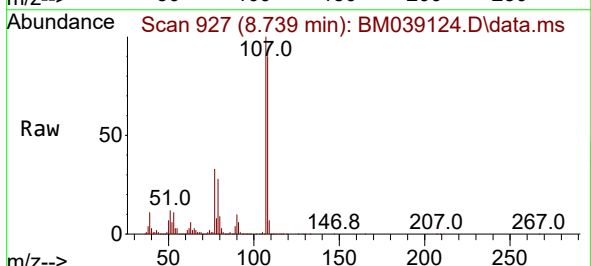
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

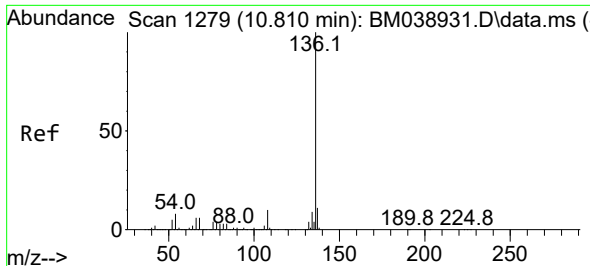
Tgt Ion: 70 Resp: 586561
Ion Ratio Lower Upper
70 100
42 51.7 43.4 65.2
101 9.9 7.6 11.4
130 21.3 16.5 24.7



#20
3+4-Methylphenols
Concen: 40.630 ng
RT: 8.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 107 Resp: 868697
Ion Ratio Lower Upper
107 100
108 90.2 71.8 111.8
77 33.5 13.6 53.6
79 28.3 9.2 49.2

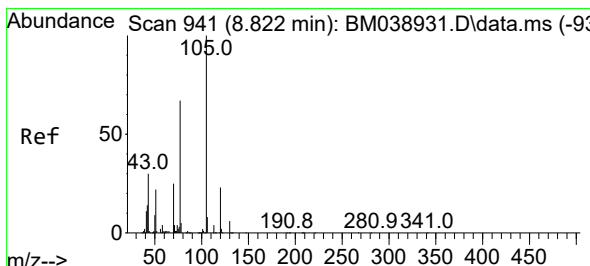
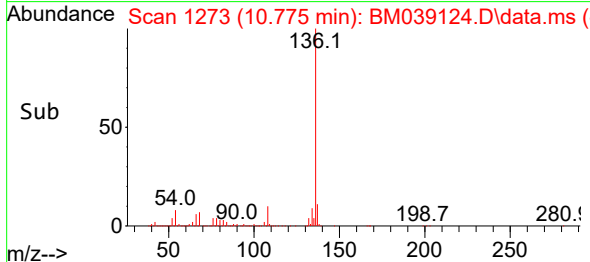
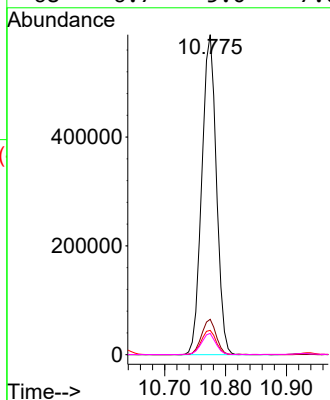
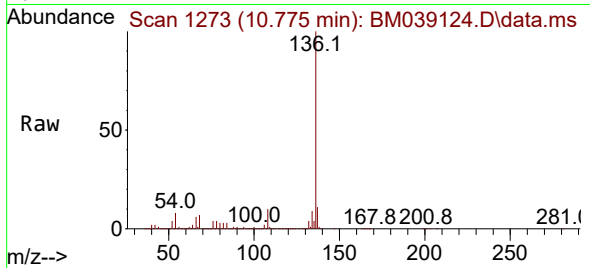




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

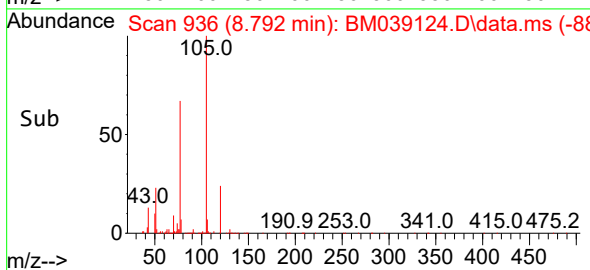
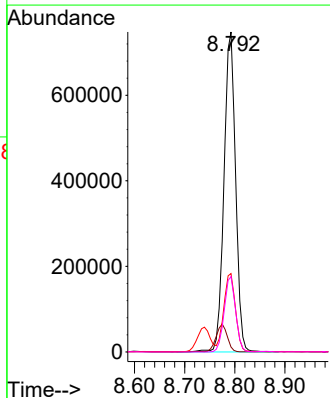
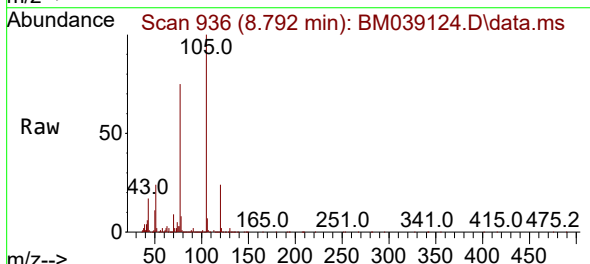
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

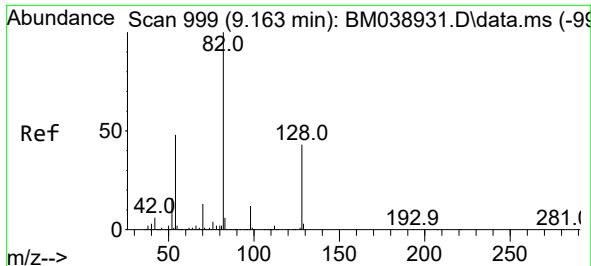
Tgt Ion:136 Resp: 978172
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 6.3 9.5
68 6.7 5.0 7.6



#22
Acetophenone
Concen: 43.856 ng
RT: 8.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:105 Resp: 1203585
Ion Ratio Lower Upper
105 100
71 1.5 3.4 5.0#
51 24.5 21.0 31.4
120 23.5 18.1 27.1

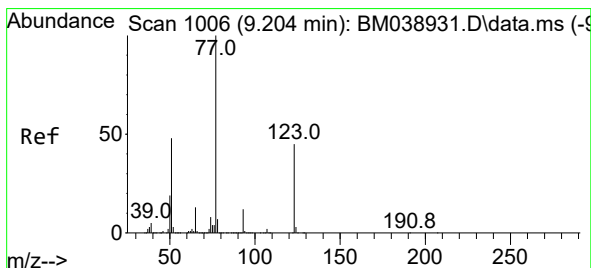
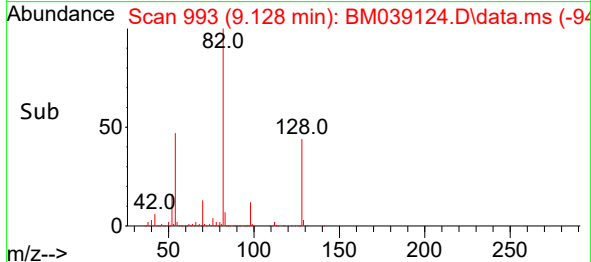
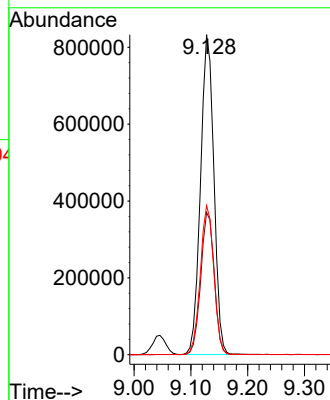
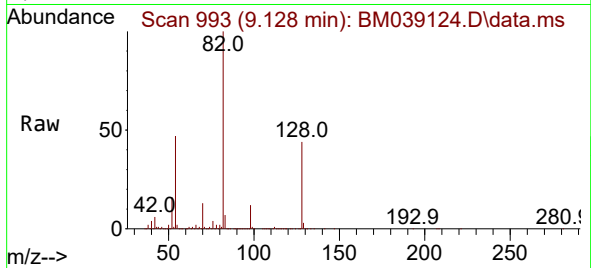




#23
Nitrobenzene-d5
Concen: 68.443 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

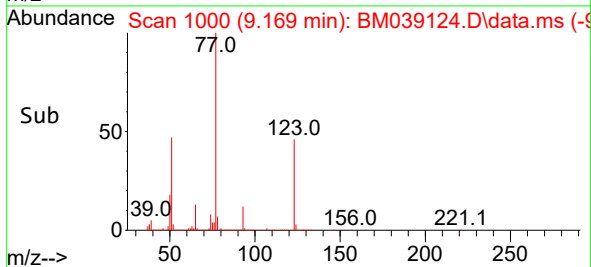
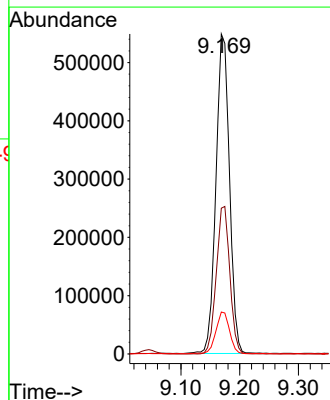
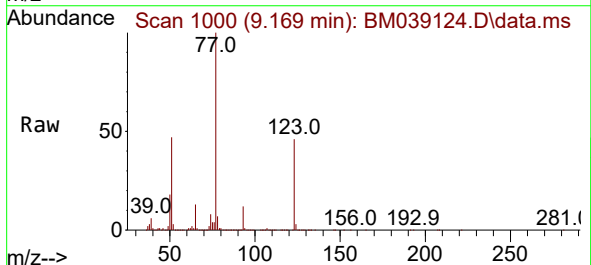
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

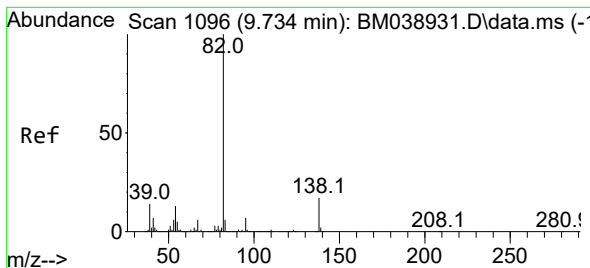
Tgt Ion: 82 Resp: 1362934
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 46.6 38.8 58.2



#24
Nitrobenzene
Concen: 41.854 ng
RT: 9.169 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 77 Resp: 876029
Ion Ratio Lower Upper
77 100
123 45.6 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 43.355 ng

RT: 9.698 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

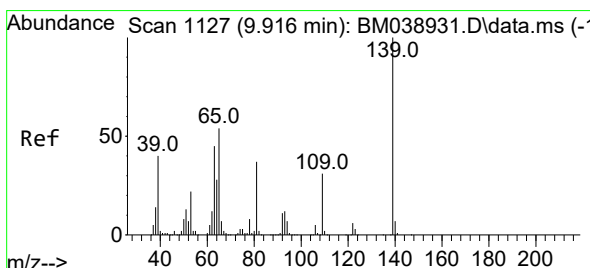
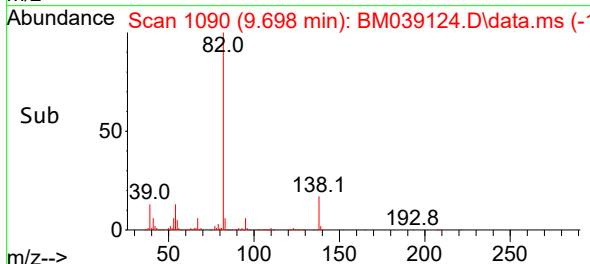
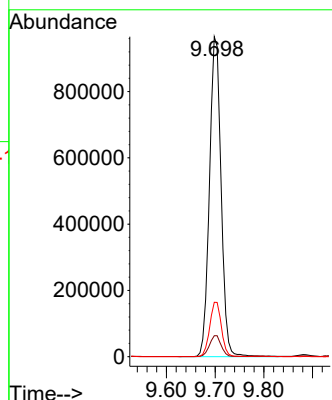
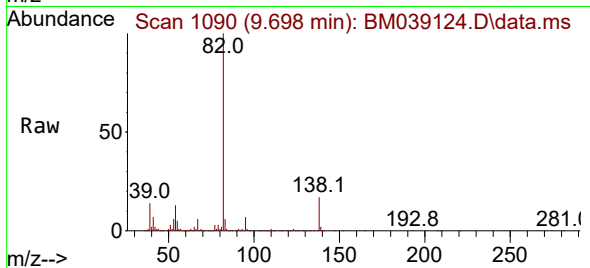
Tgt Ion: 82 Resp: 1588737

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.0 13.6 20.4



#26

2-Nitrophenol

Concen: 46.347 ng

RT: 9.886 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

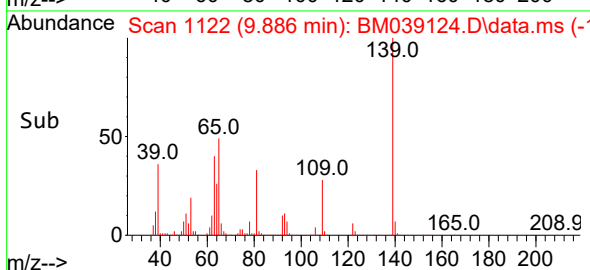
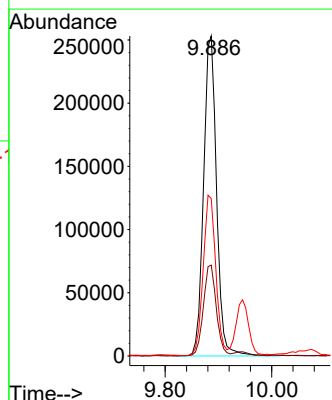
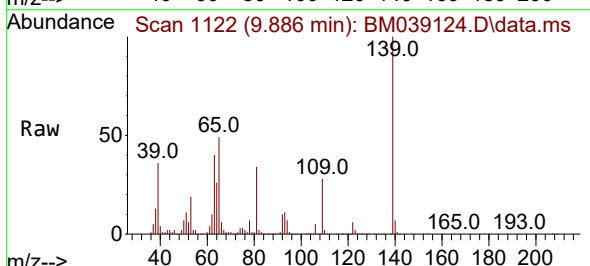
Tgt Ion: 139 Resp: 427317

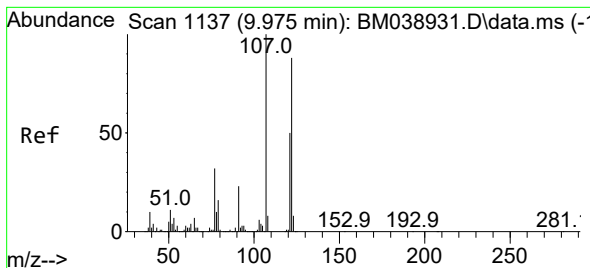
Ion Ratio Lower Upper

139 100

109 28.4 24.5 36.7

65 49.2 43.0 64.6

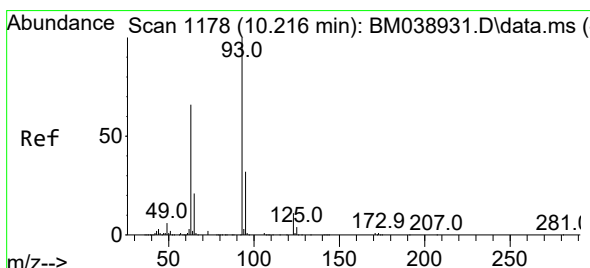
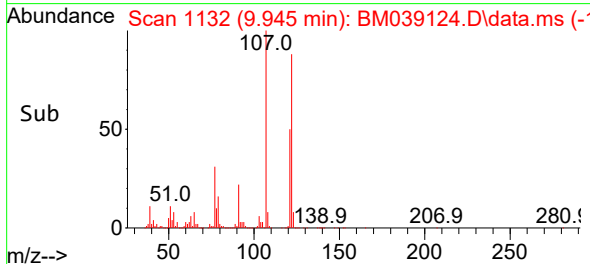
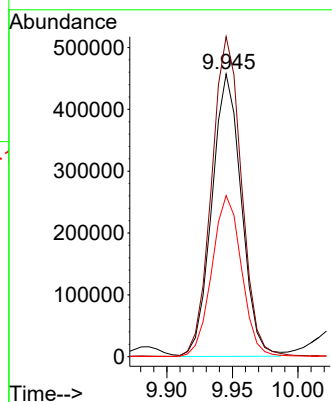
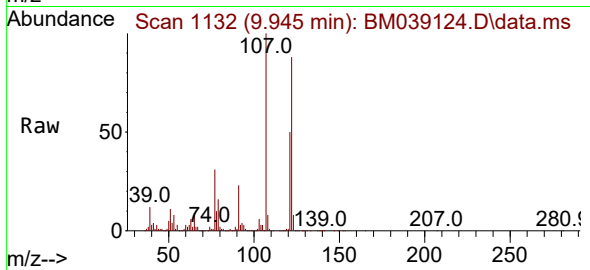




#27
2,4-Dimethylphenol
Concen: 44.716 ng
RT: 9.945 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

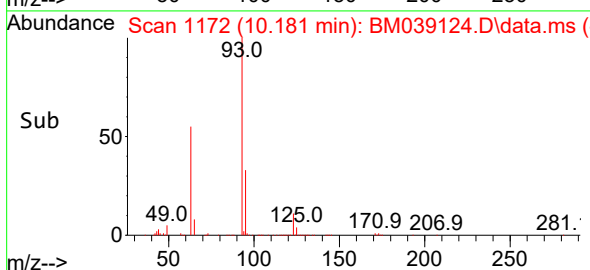
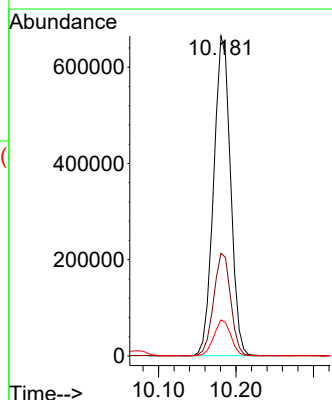
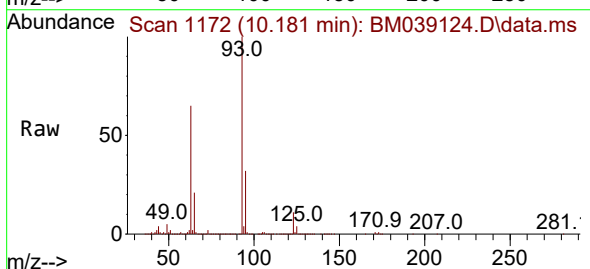
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

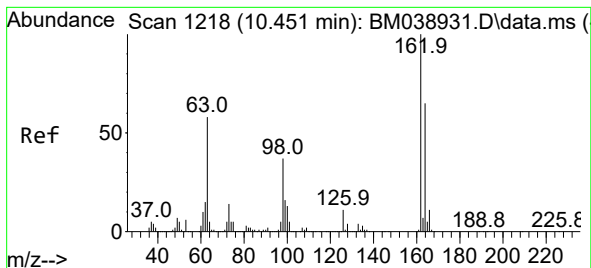
Tgt Ion:122 Resp: 713989
Ion Ratio Lower Upper
122 100
107 113.2 91.0 136.4
121 57.0 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.745 ng
RT: 10.181 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 93 Resp: 1006448
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.3 8.8 13.2

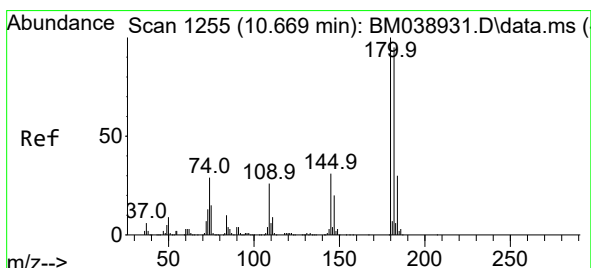
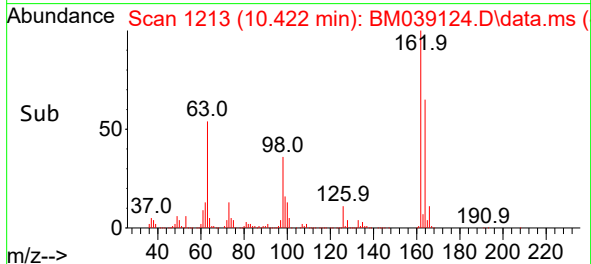
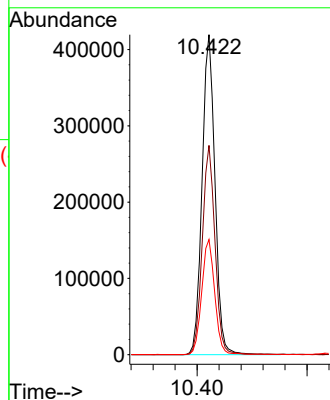
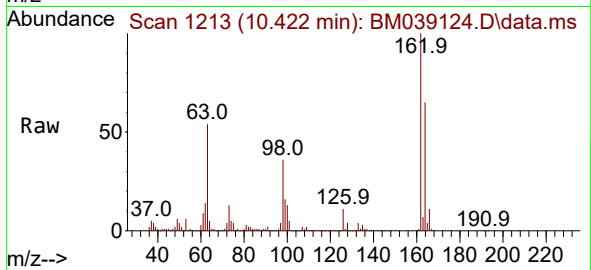




#29
2,4-Dichlorophenol
Concen: 45.173 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

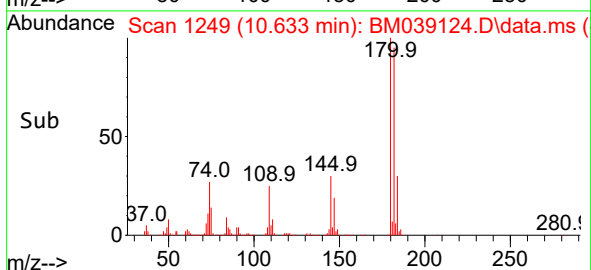
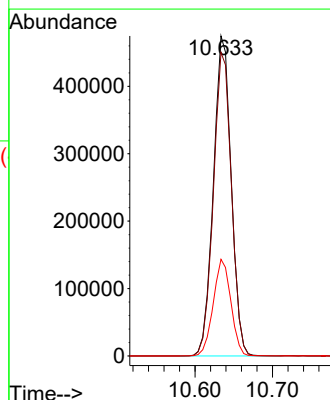
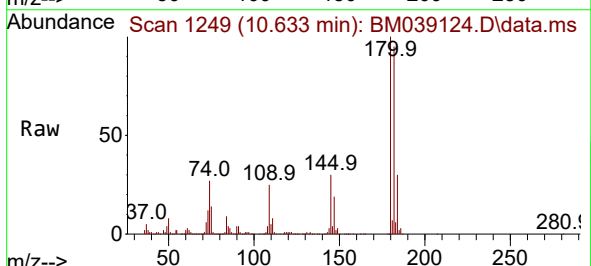
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

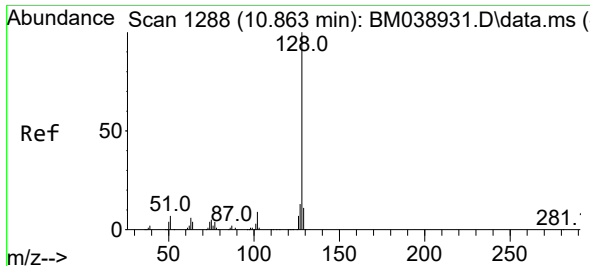
Tgt Ion:162 Resp: 683827
Ion Ratio Lower Upper
162 100
164 65.4 44.6 84.6
98 36.0 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 45.764 ng
RT: 10.633 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:180 Resp: 757054
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 30.2 25.0 37.4

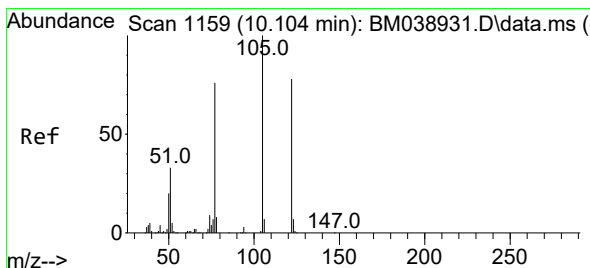
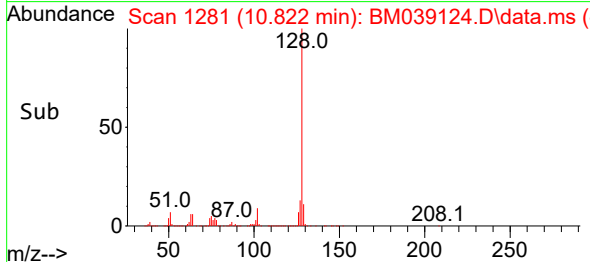
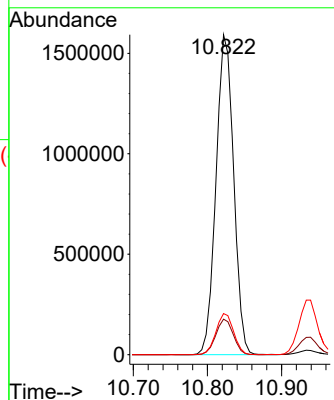
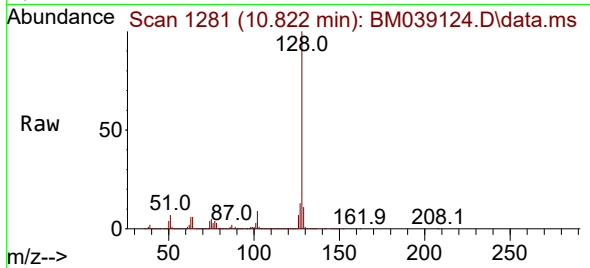




#31
Naphthalene
Concen: 47.136 ng
RT: 10.822 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

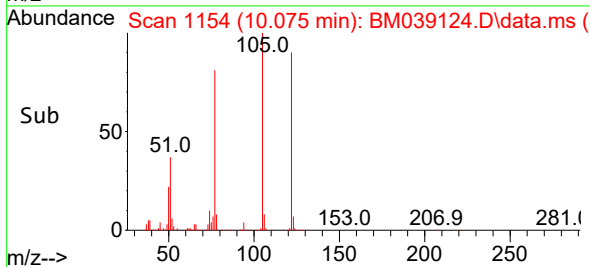
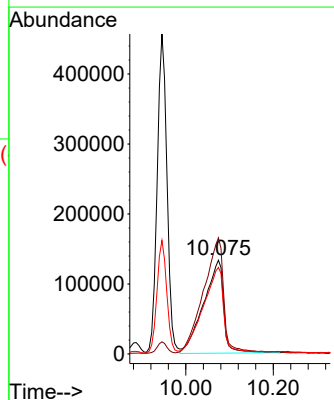
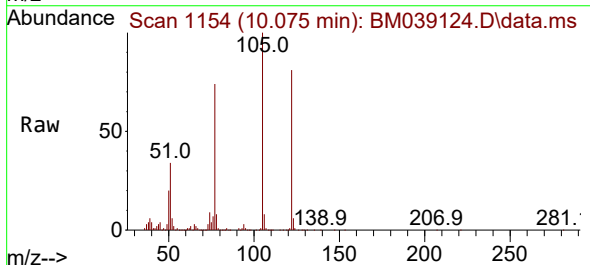
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

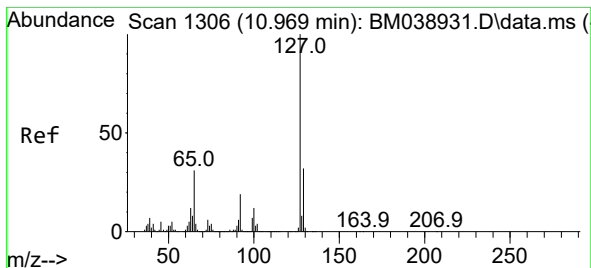
Tgt Ion:128 Resp: 2629116
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 37.815 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:122 Resp: 426832
Ion Ratio Lower Upper
122 100
105 123.8 104.2 144.2
77 92.2 75.1 115.1

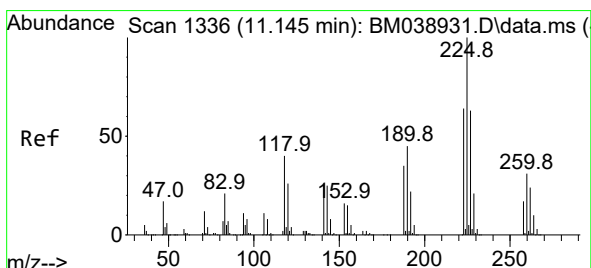
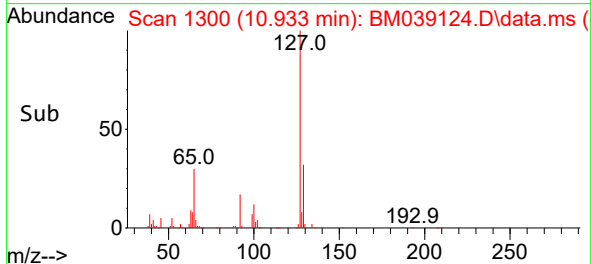
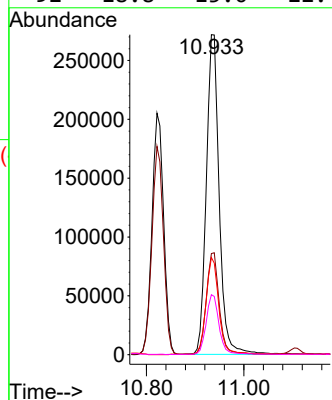
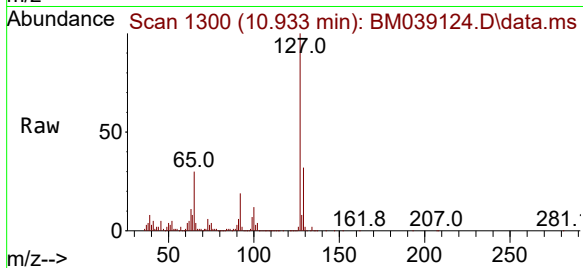




#33
4-Chloroaniline
Concen: 20.897 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

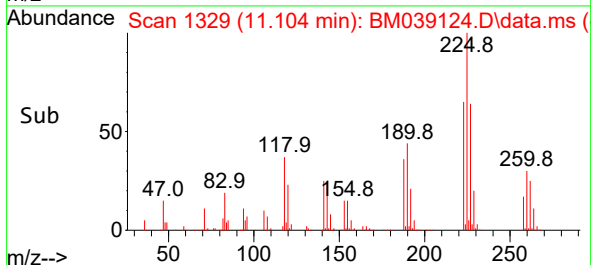
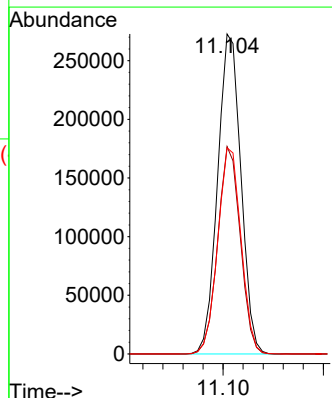
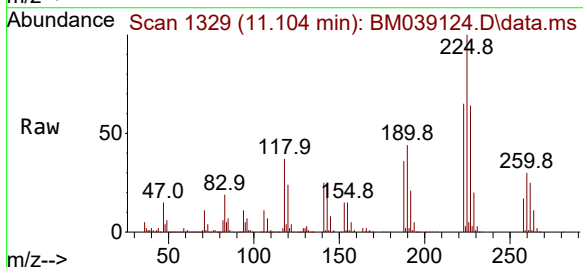
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

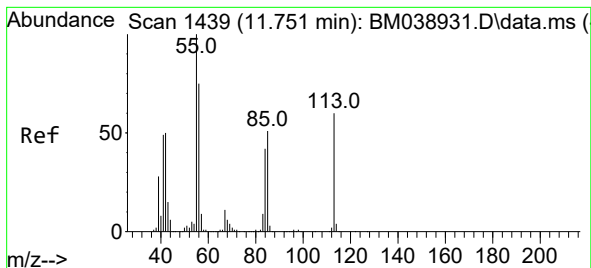
Tgt Ion:	127	Resp:	496737
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	30.4	24.4	36.6
92	18.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.350 ng
RT: 11.104 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:	225	Resp:	439699
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.3	76.9
227	64.4	50.6	76.0





#35

Caprolactam

Concen: 39.331 ng

RT: 11.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

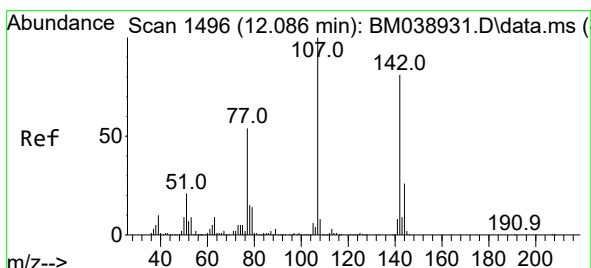
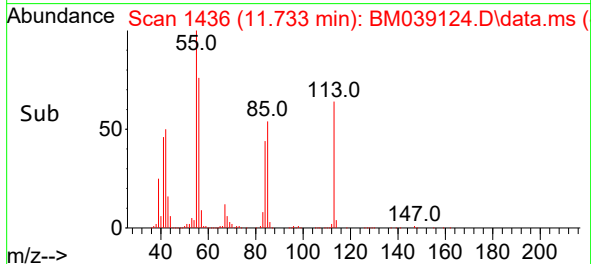
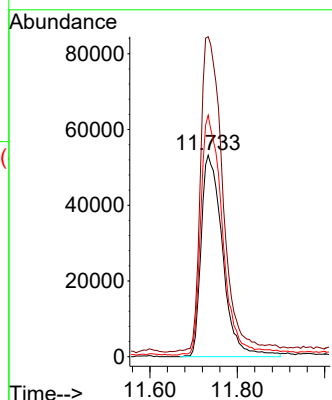
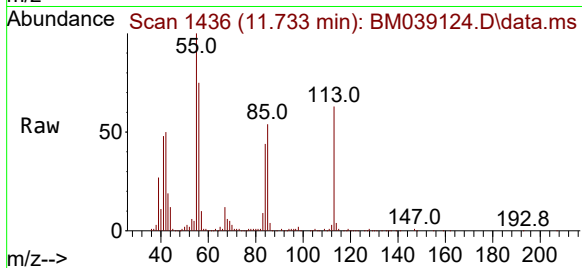
Tgt Ion:113 Resp: 181213

Ion Ratio Lower Upper

113 100

55 158.9 147.0 187.0

56 119.9 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 42.780 ng

RT: 12.063 min Scan# 1492

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

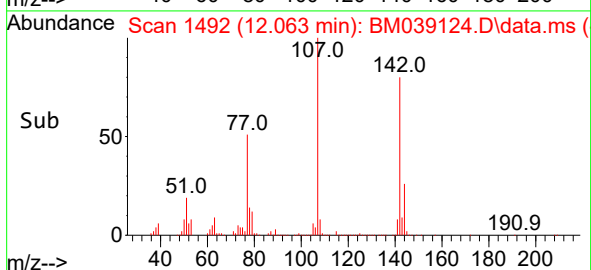
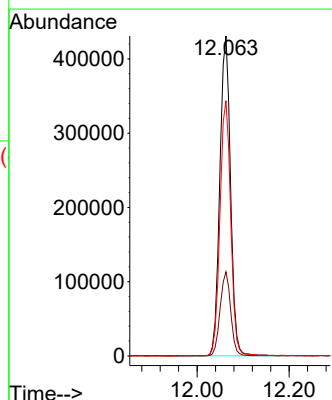
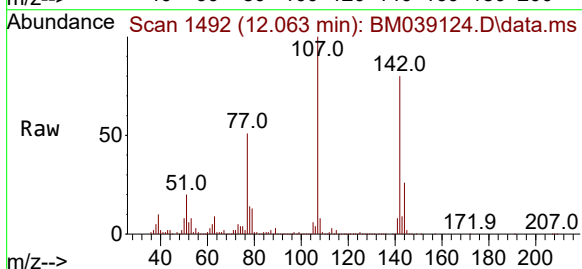
Tgt Ion:107 Resp: 689596

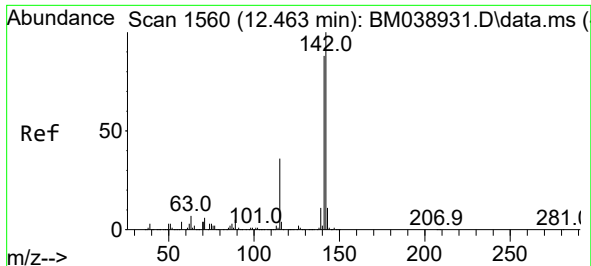
Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

142 79.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.932 ng

RT: 12.427 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

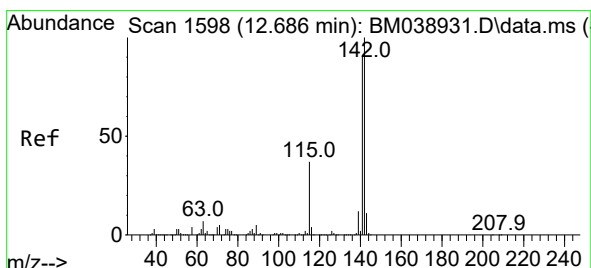
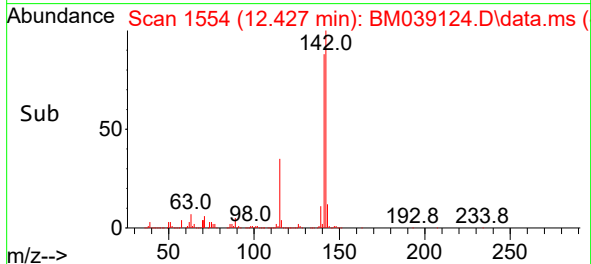
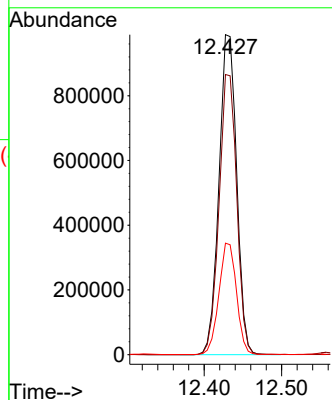
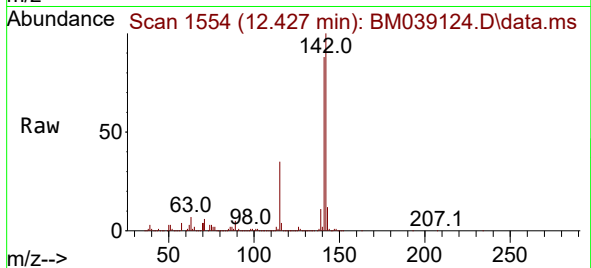
Tgt Ion:142 Resp: 1567623

Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

115 34.8 28.5 42.7



#38

1-Methylnaphthalene

Concen: 41.293 ng

RT: 12.651 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

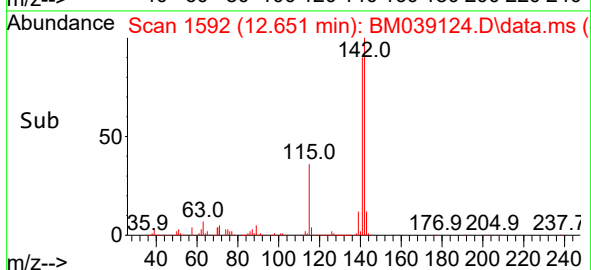
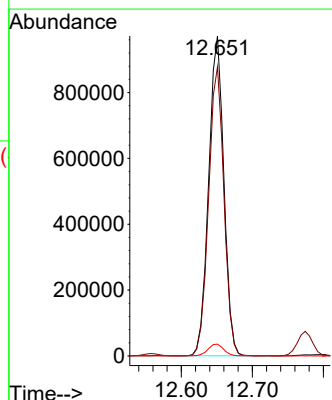
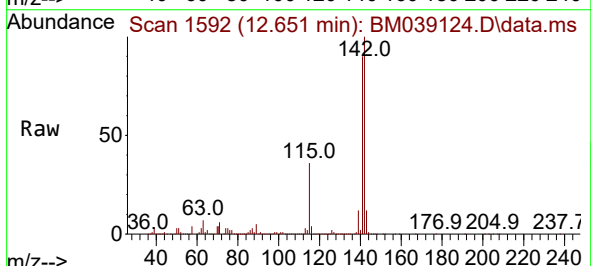
Tgt Ion:142 Resp: 1446692

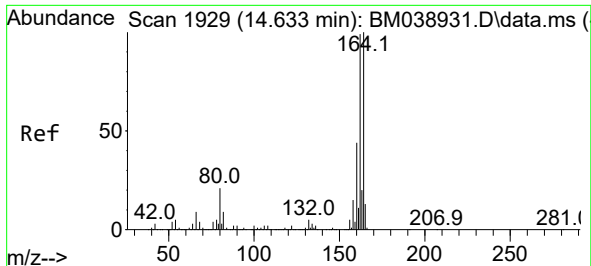
Ion Ratio Lower Upper

142 100

141 90.3 72.8 109.2

116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

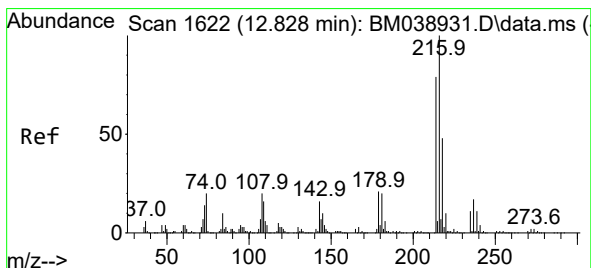
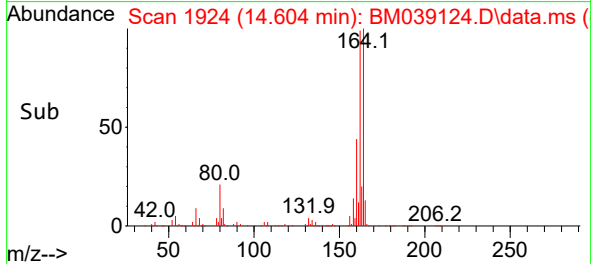
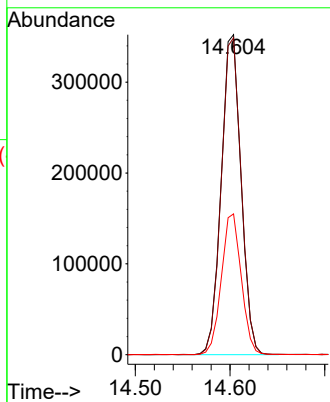
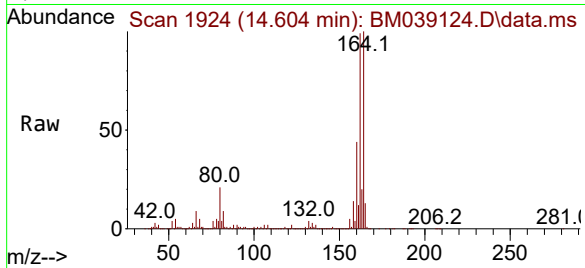
Tgt Ion:164 Resp: 513772

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 44.0 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.092 ng

RT: 12.798 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Tgt Ion:216 Resp: 769844

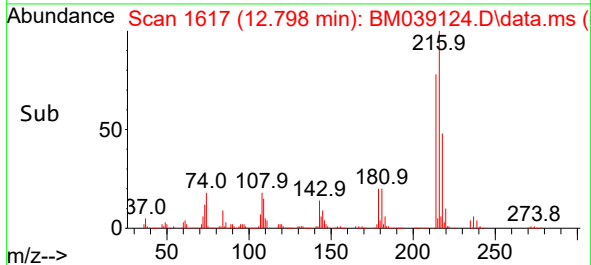
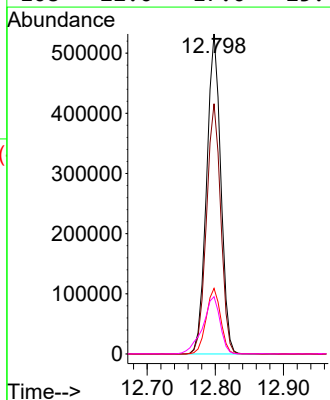
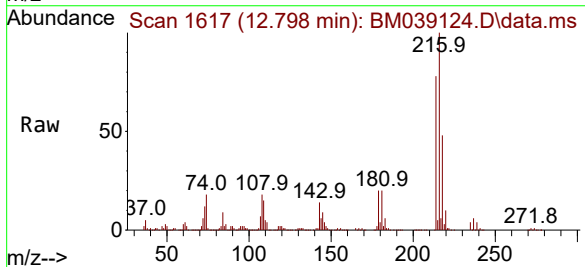
Ion Ratio Lower Upper

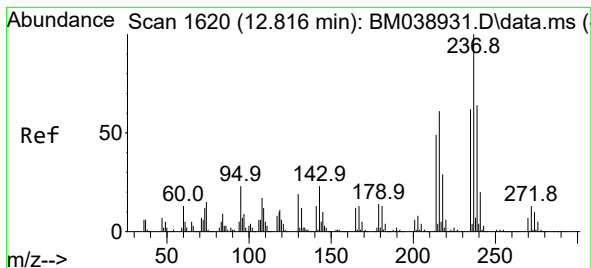
216 100

214 78.7 63.0 94.4

179 20.9 16.8 25.2

108 22.0 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 93.813 ng

RT: 12.774 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

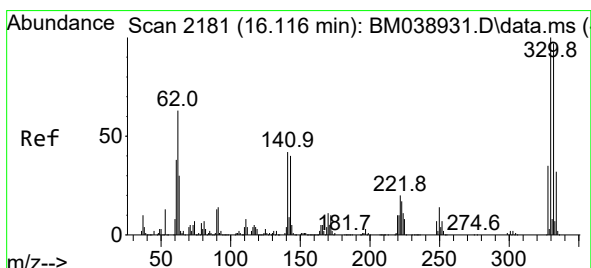
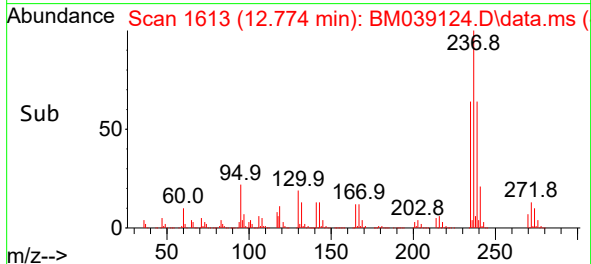
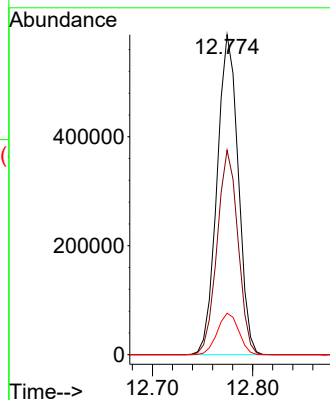
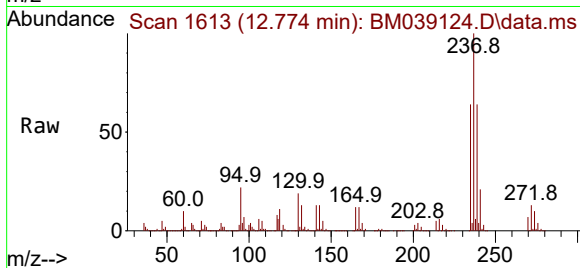
Tgt Ion:237 Resp: 860092

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

272 12.9 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 103.940 ng

RT: 16.092 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

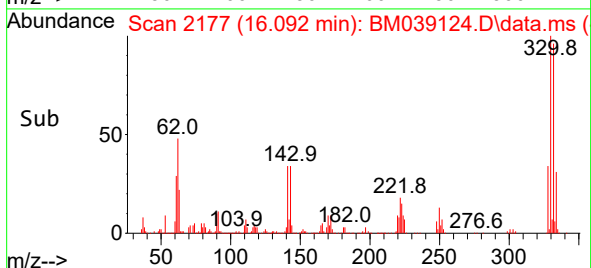
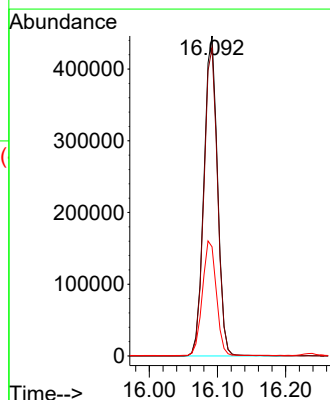
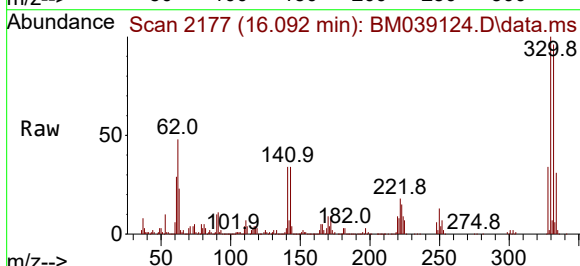
Tgt Ion:330 Resp: 617768

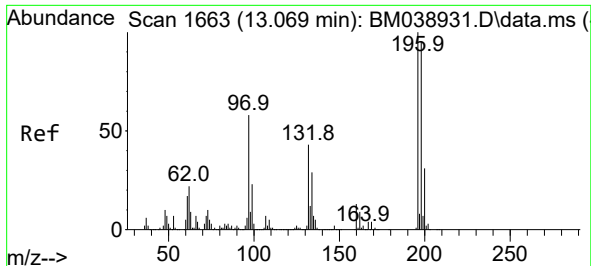
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 36.9 32.2 48.4

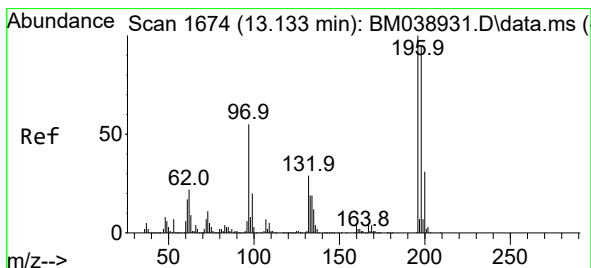
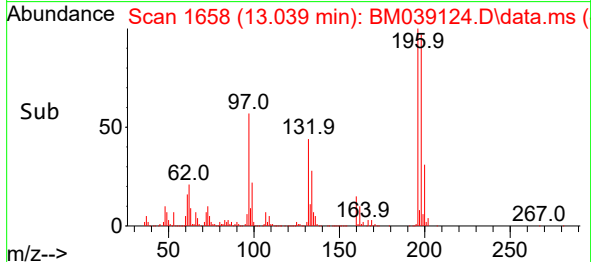
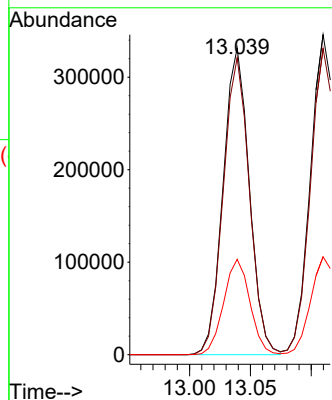
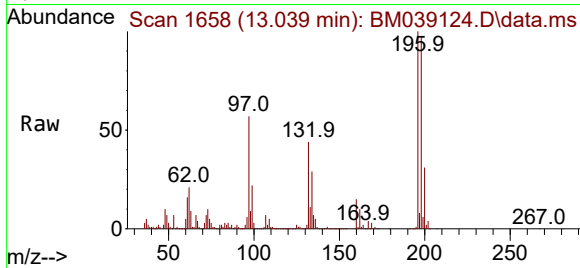




#43
2,4,6-Trichlorophenol
Concen: 46.055 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

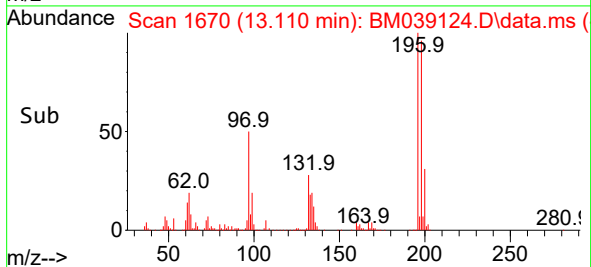
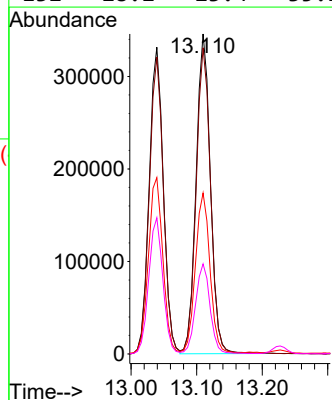
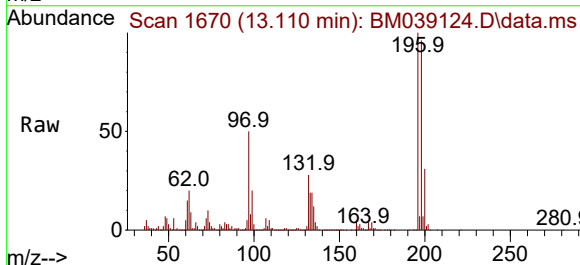
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

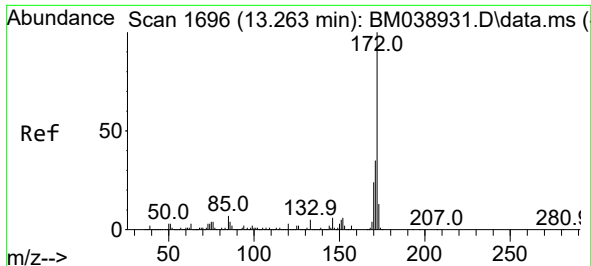
Tgt Ion:196 Resp: 498119
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.8
200 31.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 41.646 ng
RT: 13.110 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:196 Resp: 527228
Ion Ratio Lower Upper
196 100
198 95.7 76.3 114.5
97 50.3 44.2 66.4
132 28.2 23.4 35.2

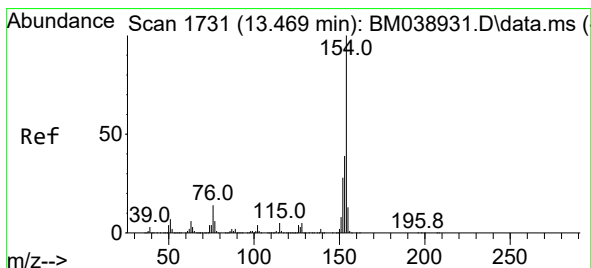
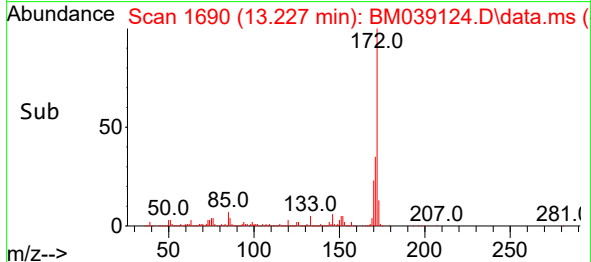
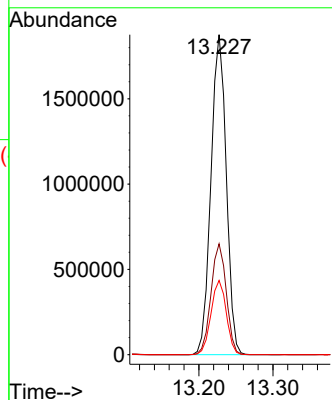
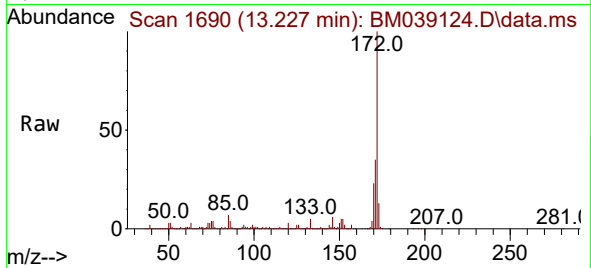




#45
2-Fluorobiphenyl
Concen: 68.169 ng
RT: 13.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

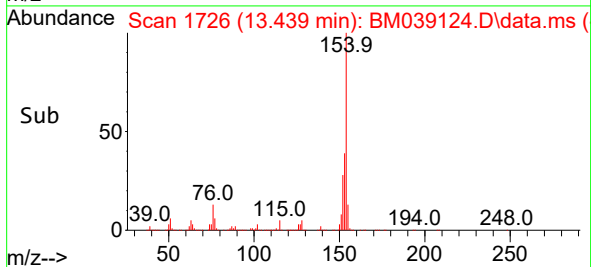
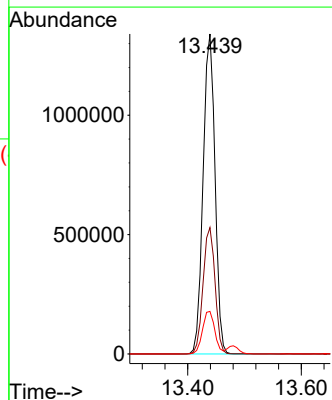
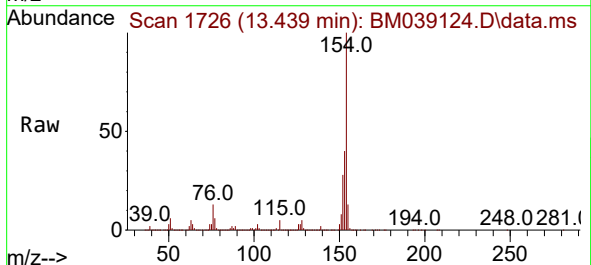
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

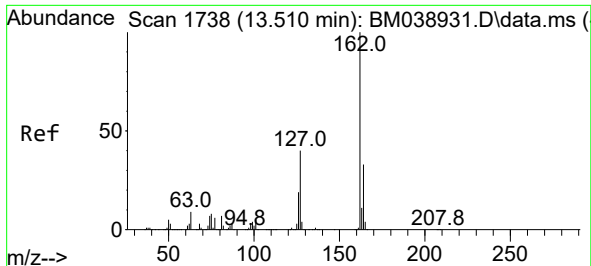
Tgt Ion:172 Resp: 2690370
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.739 ng
RT: 13.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:154 Resp: 1947294
Ion Ratio Lower Upper
154 100
153 39.5 19.3 59.3
76 13.3 0.0 34.0

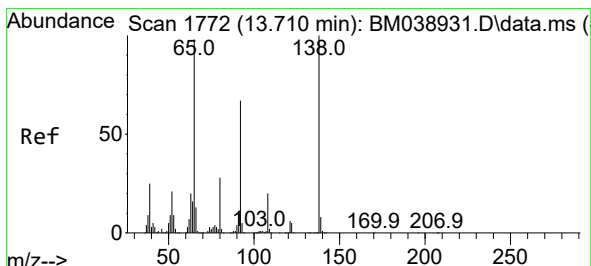
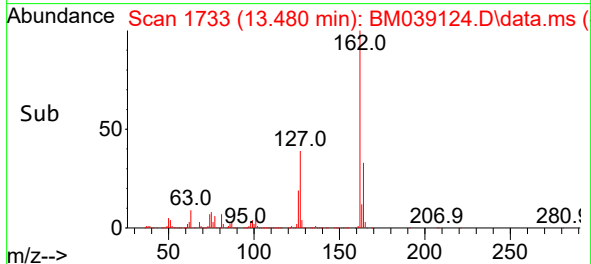
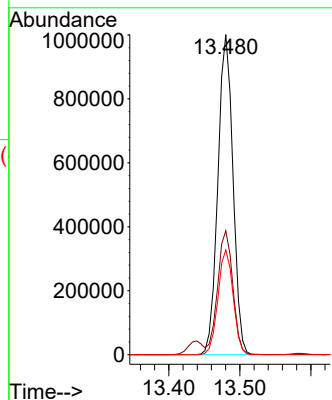
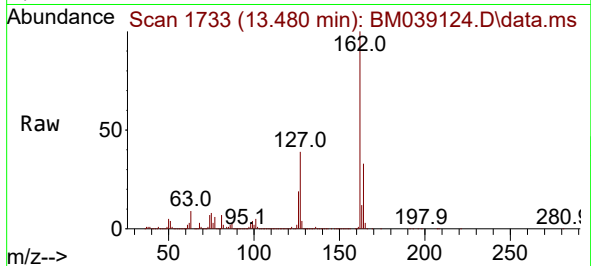




#47
2-Chloronaphthalene
Concen: 44.805 ng
RT: 13.480 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

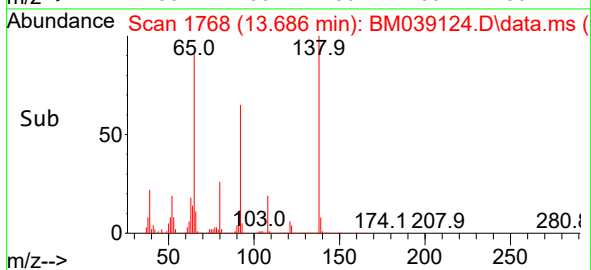
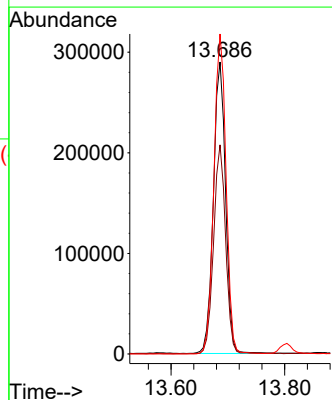
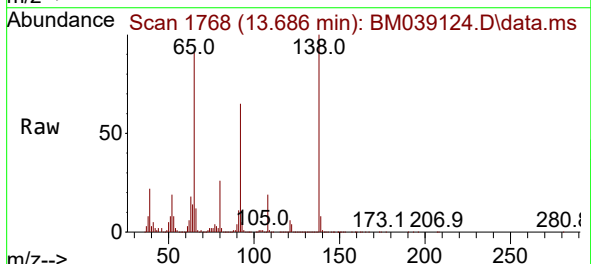
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

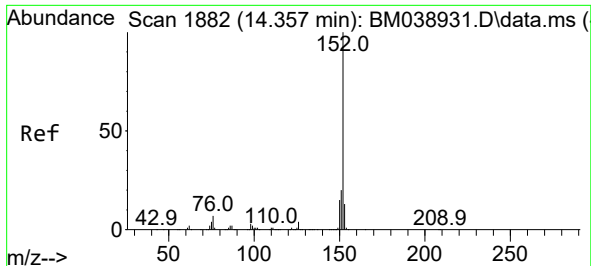
Tgt Ion:162 Resp: 1470555
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 41.360 ng
RT: 13.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 65 Resp: 431250
Ion Ratio Lower Upper
65 100
92 71.6 54.9 82.3
138 109.6 81.6 122.4

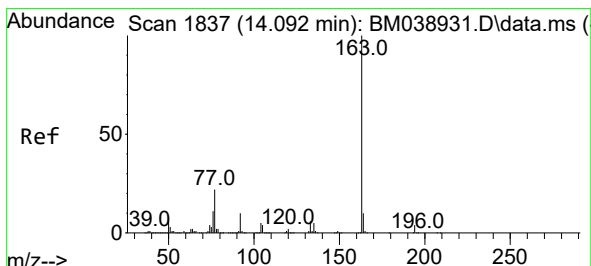
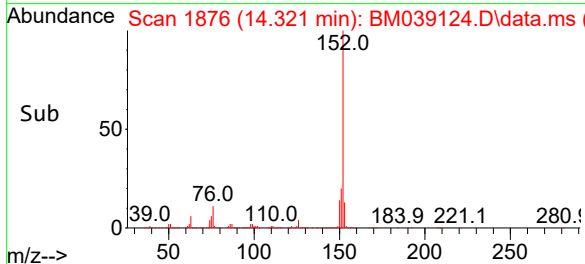
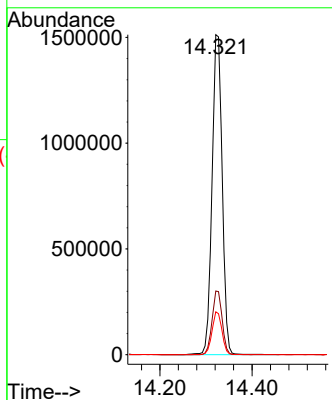
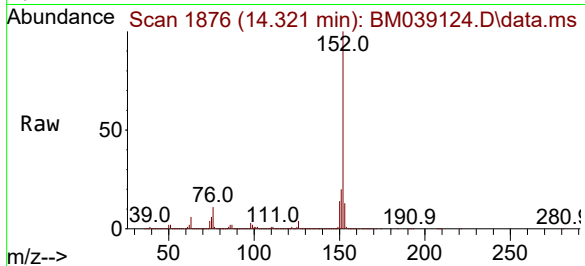




#49
Acenaphthylene
Concen: 44.128 ng
RT: 14.321 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

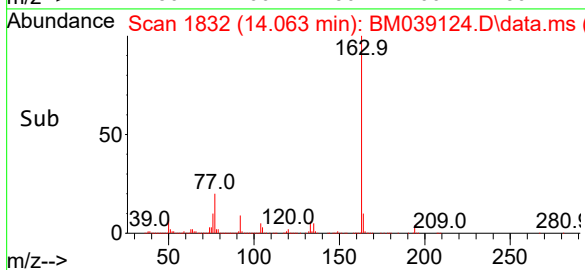
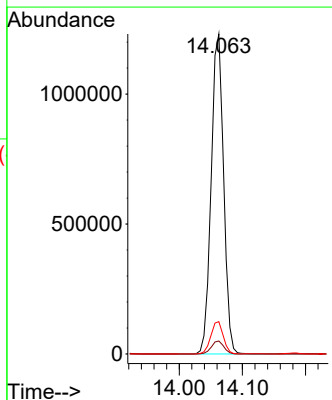
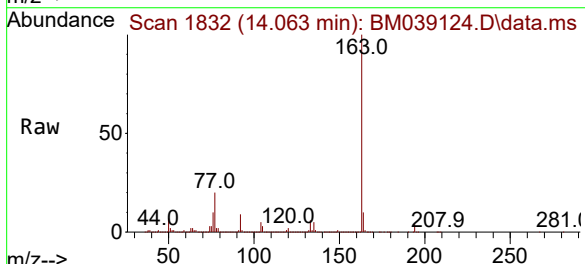
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

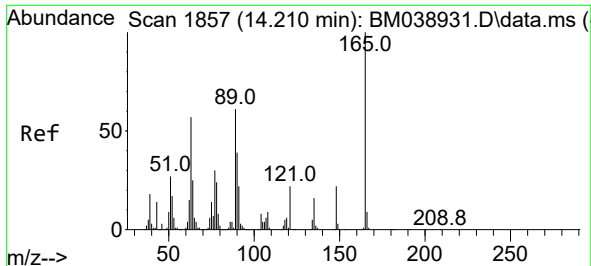
Tgt Ion:152 Resp: 2307000
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 42.457 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:163 Resp: 1678491
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.1 12.1

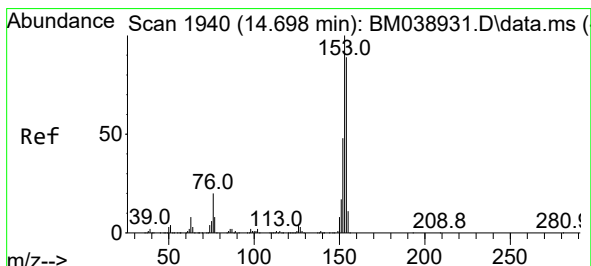
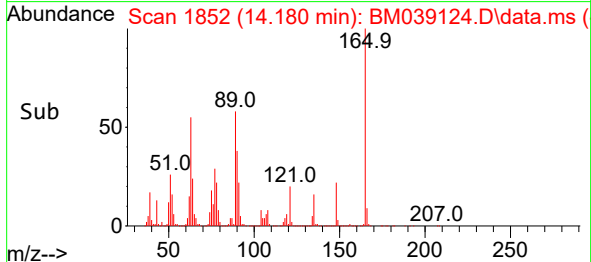
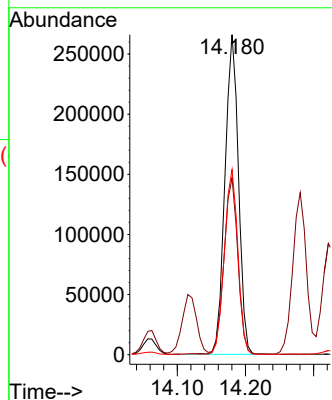
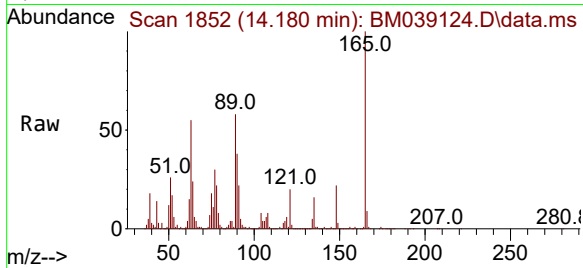




#51
2,6-Dinitrotoluene
Concen: 42.159 ng
RT: 14.180 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

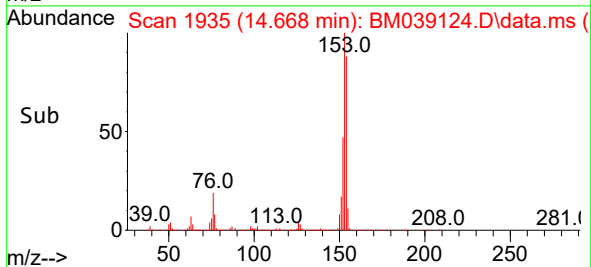
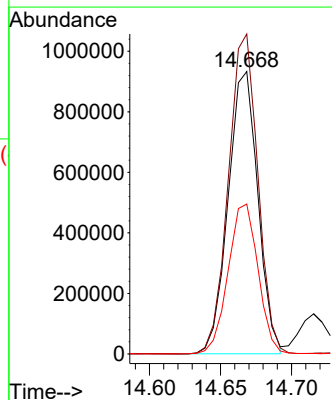
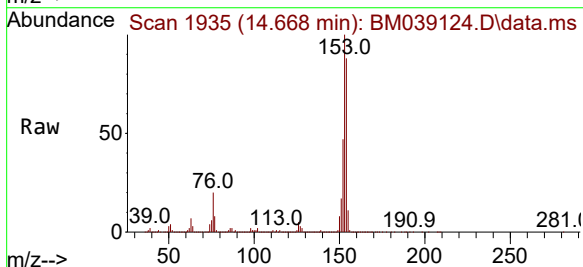
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

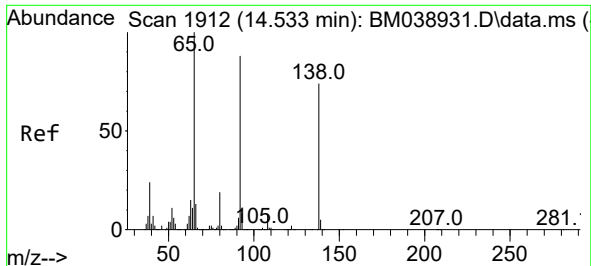
Tgt Ion:165 Resp: 367003
Ion Ratio Lower Upper
165 100
63 55.2 46.6 70.0
89 57.8 48.6 73.0



#52
Acenaphthene
Concen: 42.288 ng
RT: 14.668 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:154 Resp: 1358678
Ion Ratio Lower Upper
154 100
153 113.3 90.2 135.2
152 53.1 43.4 65.2

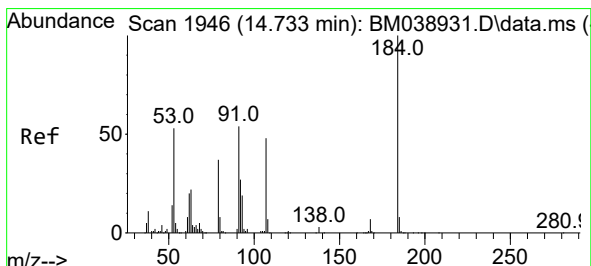
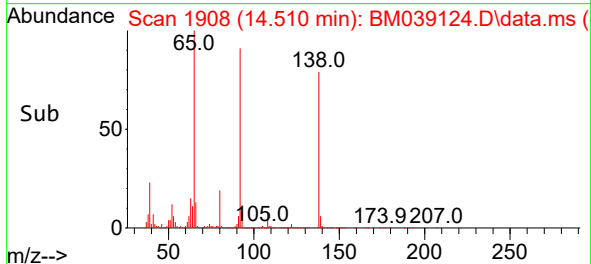
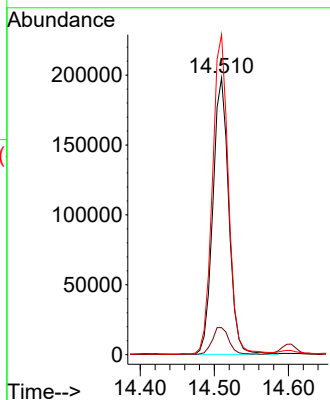
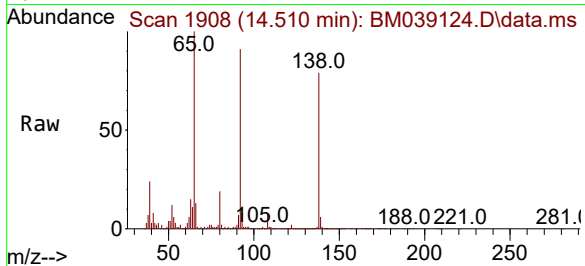




#53
3-Nitroaniline
Concen: 29.457 ng
RT: 14.510 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

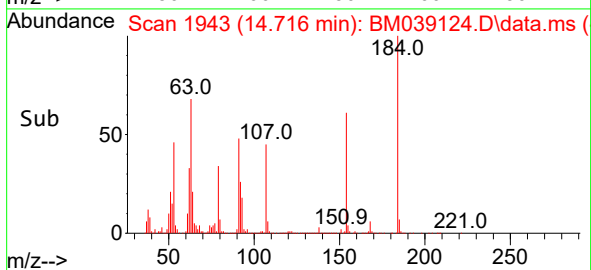
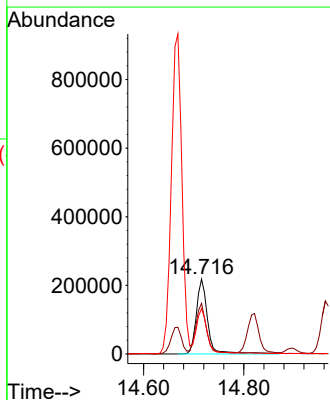
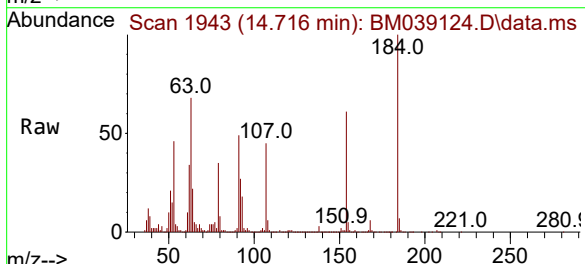
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

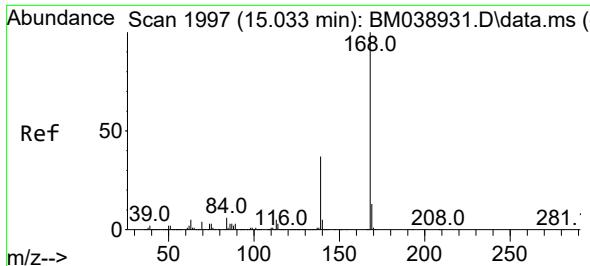
Tgt Ion:138 Resp: 294590
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 115.7 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 68.928 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:184 Resp: 342528
Ion Ratio Lower Upper
184 100
63 67.8 60.6 90.8
154 60.8 51.4 77.2

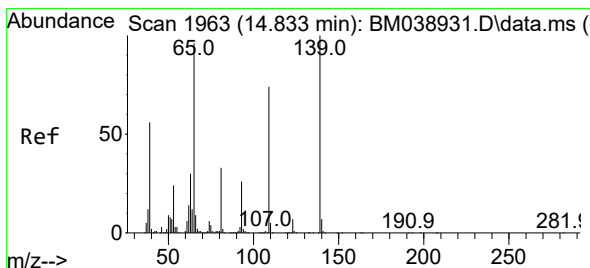
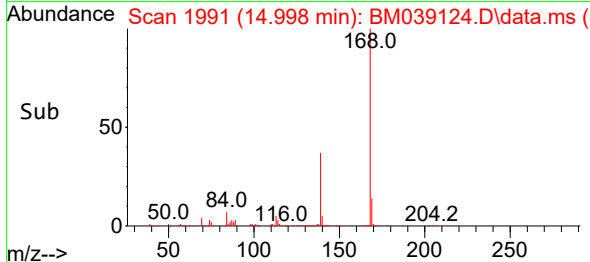
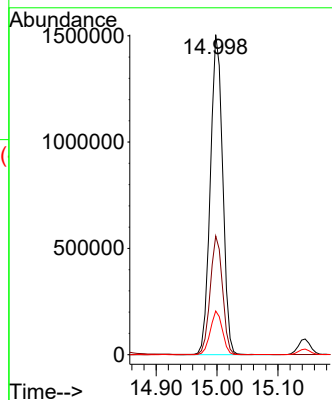
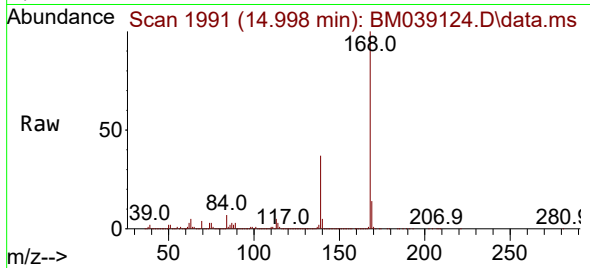




#55
Dibenzofuran
Concen: 42.181 ng
RT: 14.998 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

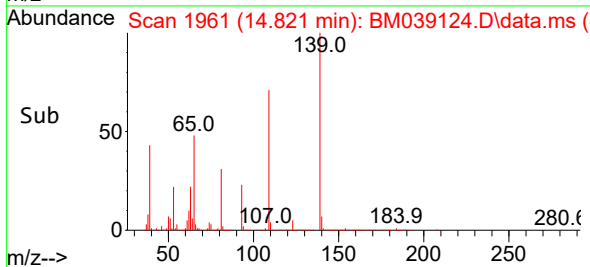
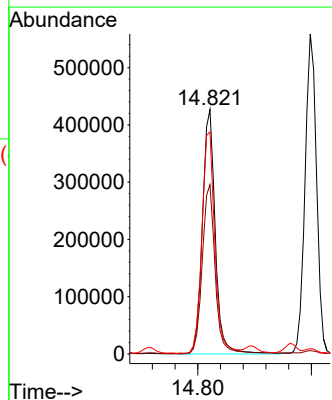
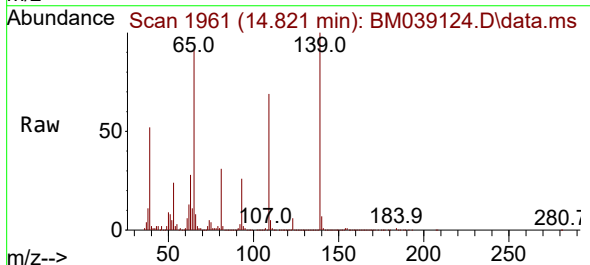
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

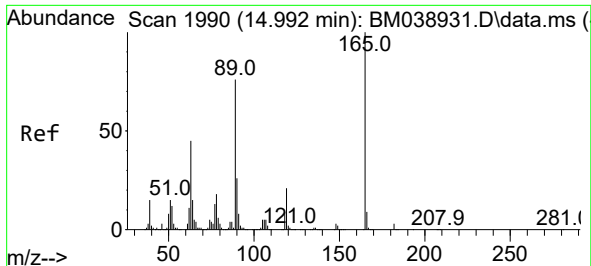
Tgt Ion:168 Resp: 2120750
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 85.071 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:139 Resp: 667945
Ion Ratio Lower Upper
139 100
109 69.3 53.5 93.5
65 90.8 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 42.340 ng

RT: 14.968 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

Tgt Ion:165 Resp: 484237

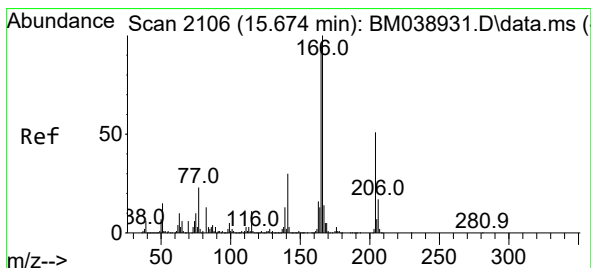
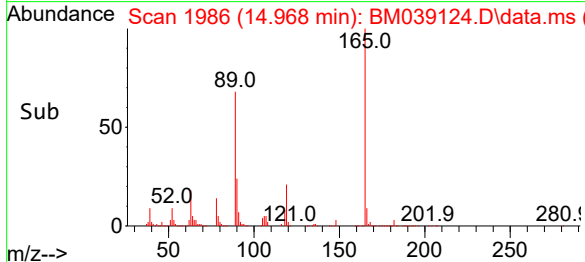
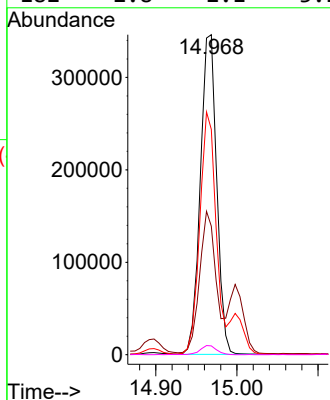
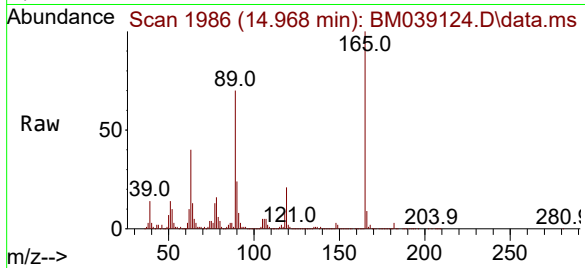
Ion Ratio Lower Upper

165 100

63 40.2 35.9 53.9

89 70.4 61.0 91.6

182 2.8 2.1 3.1



#58

Fluorene

Concen: 42.346 ng

RT: 15.651 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

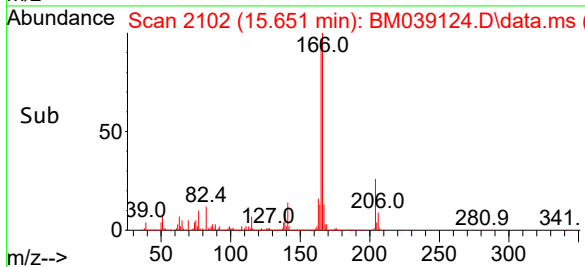
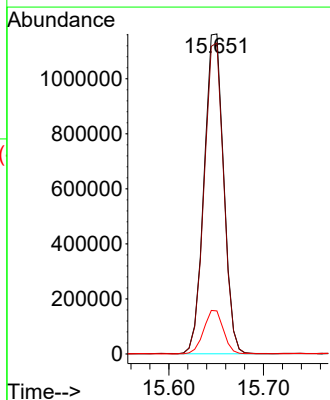
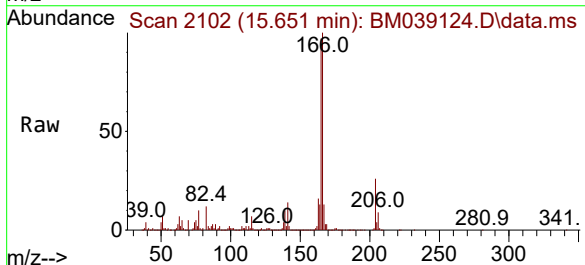
Tgt Ion:166 Resp: 1667729

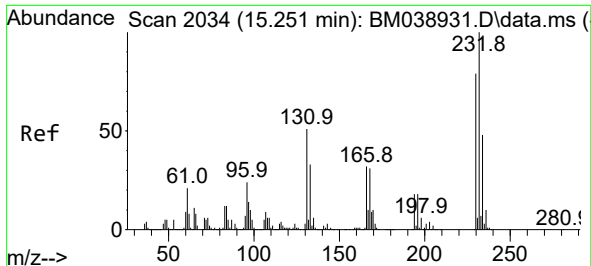
Ion Ratio Lower Upper

166 100

165 97.2 77.1 115.7

167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.745 ng

RT: 15.227 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

Tgt Ion:232 Resp: 427109

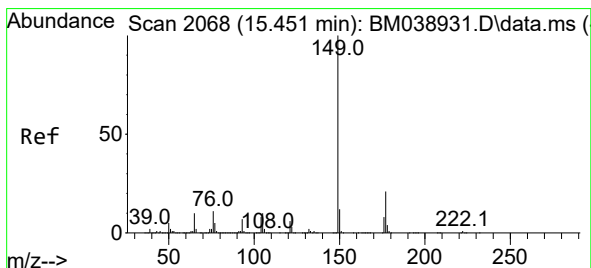
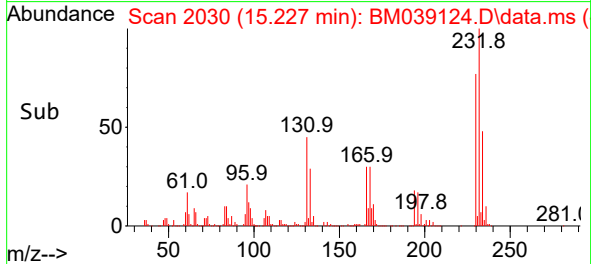
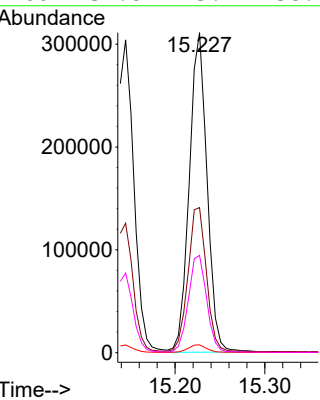
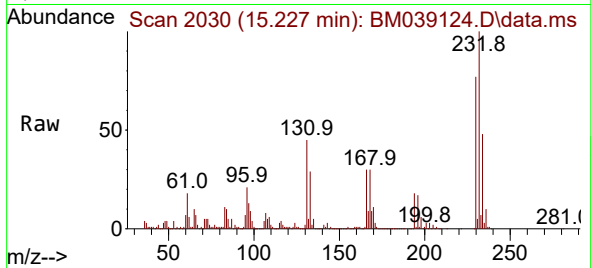
Ion Ratio Lower Upper

232 100

131 47.2 40.0 60.0

130 2.6 2.0 3.0

166 31.8 25.4 38.0



#60

Diethylphthalate

Concen: 43.461 ng

RT: 15.421 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

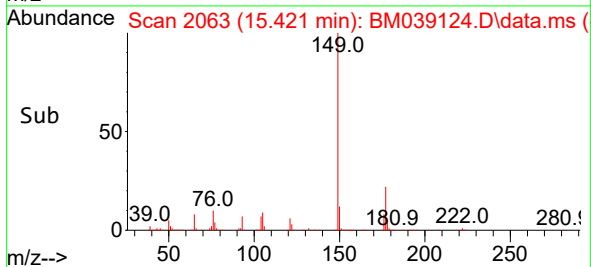
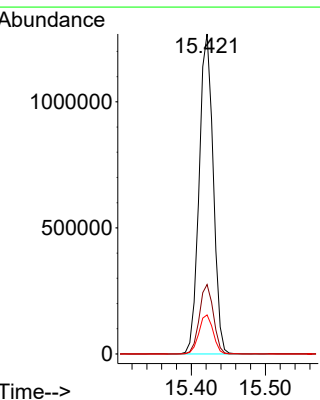
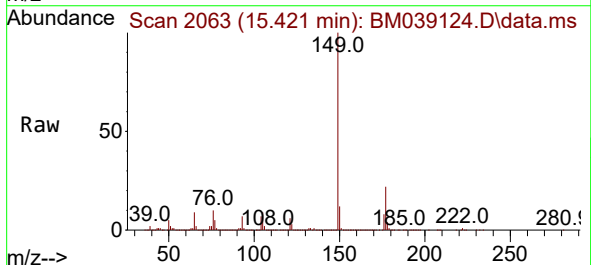
Tgt Ion:149 Resp: 1671835

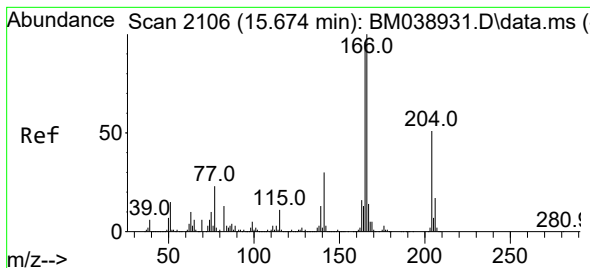
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.2 9.7 14.5

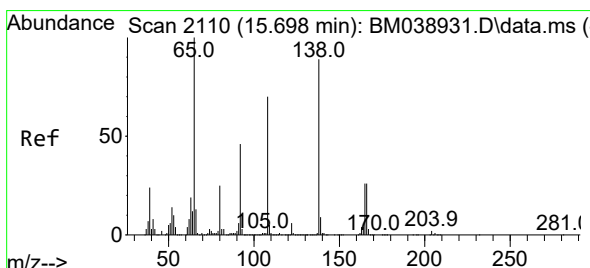
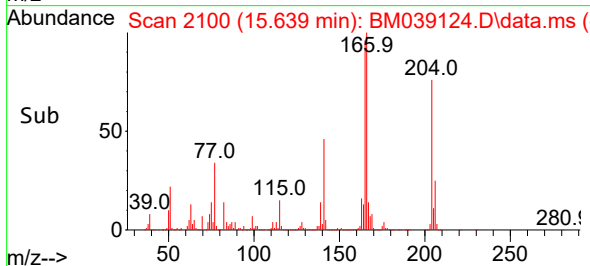
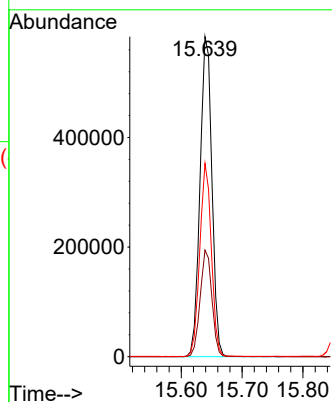
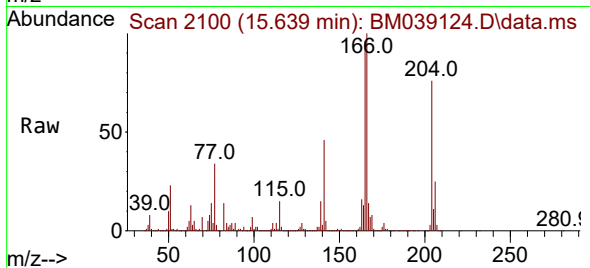




#61
4-Chlorophenyl-phenylether
Concen: 40.992 ng
RT: 15.639 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

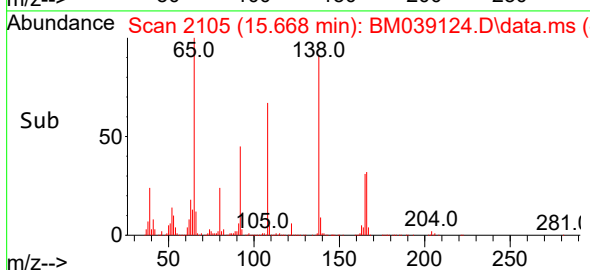
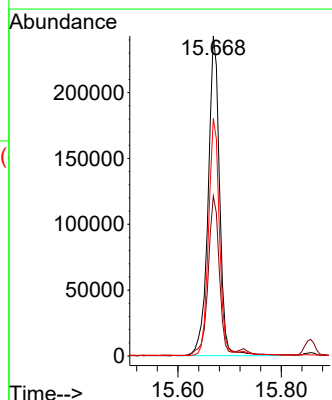
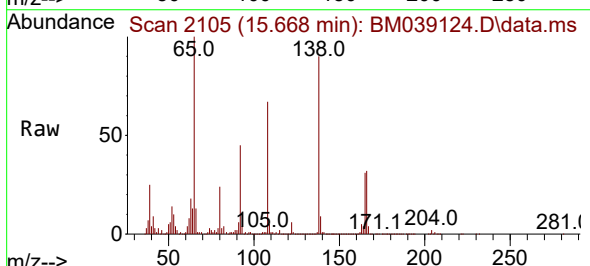
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

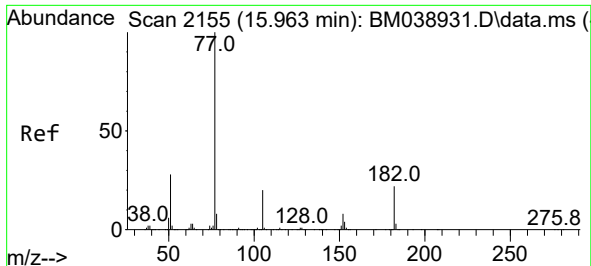
Tgt Ion:204 Resp: 793114
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 60.4 46.4 69.6



#62
4-Nitroaniline
Concen: 36.403 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:138 Resp: 374150
Ion Ratio Lower Upper
138 100
92 49.9 31.6 71.6
108 74.2 58.6 98.6



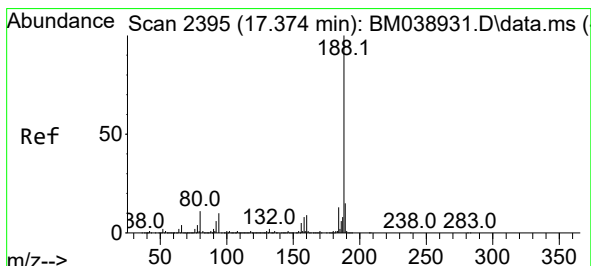
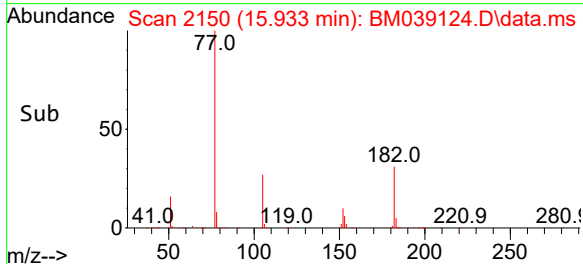
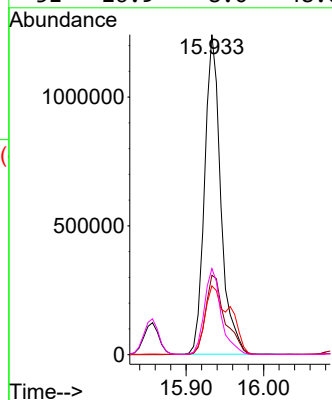
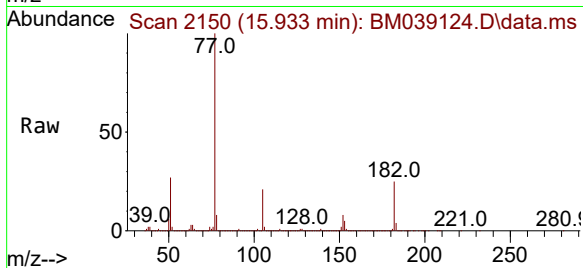


#63
Azobenzene
Concen: 44.182 ng
RT: 15.933 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

Tgt Ion: 77 Resp: 1798317

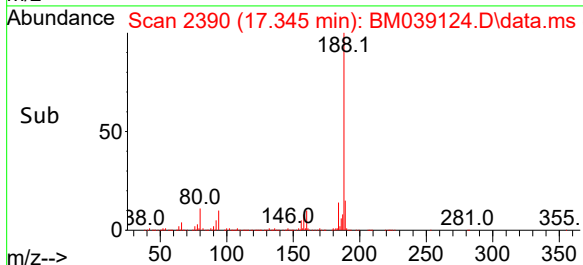
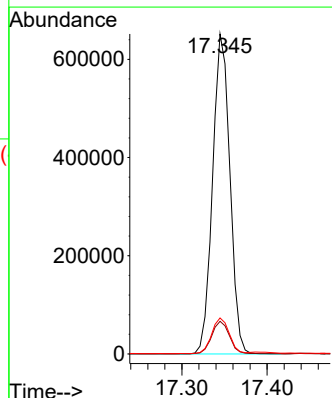
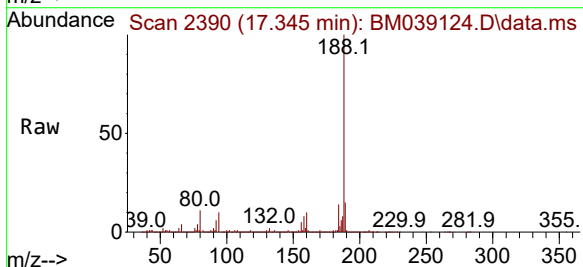
Ion	Ratio	Lower	Upper
77	100		
182	24.8	2.0	42.0
105	21.5	0.4	40.4
51	26.9	8.0	48.0

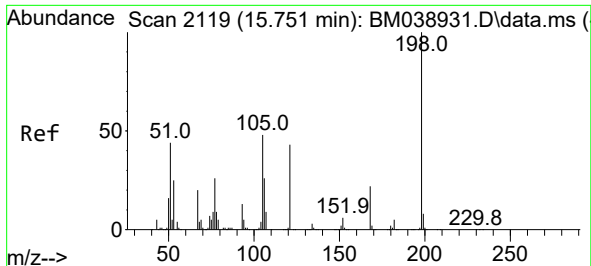


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion: 188 Resp: 919794

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.3	8.5	12.7

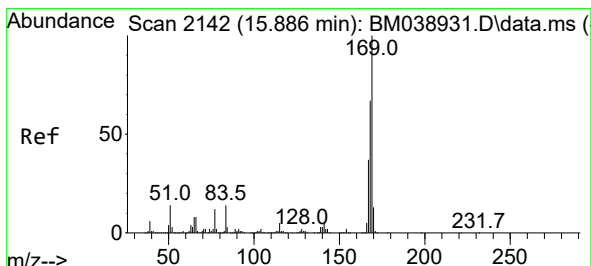
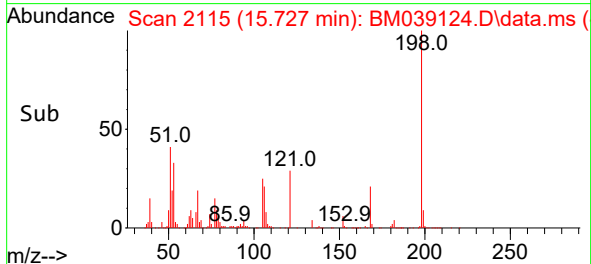
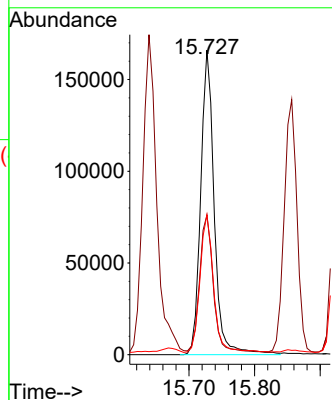
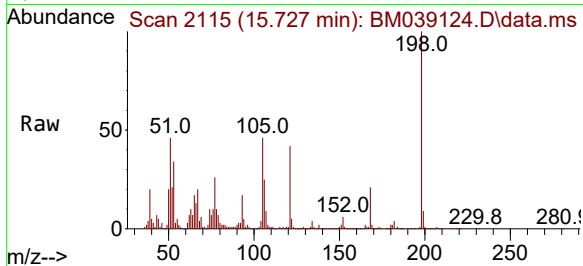




#65
4,6-Dinitro-2-methylphenol
Concen: 40.373 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

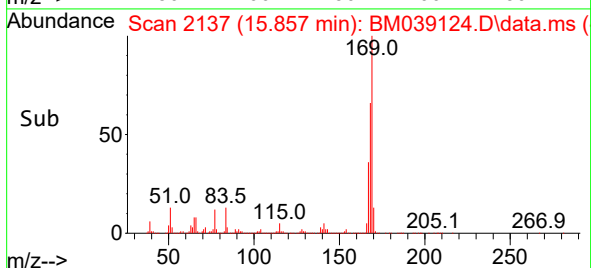
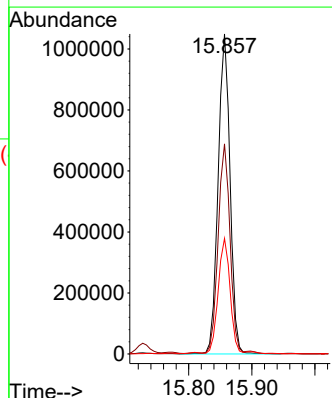
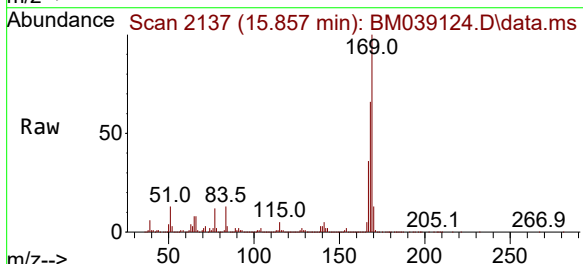
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

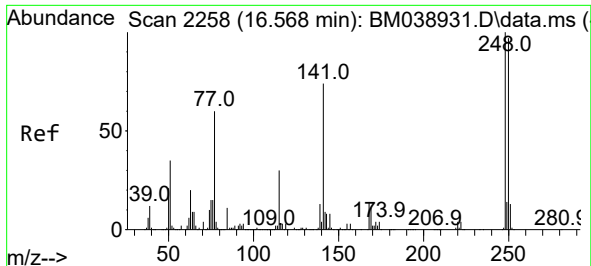
Tgt Ion:198 Resp: 238575
Ion Ratio Lower Upper
198 100
51 45.9 30.1 70.1
105 45.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.172 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:169 Resp: 1369686
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.0
167 36.1 29.4 44.0

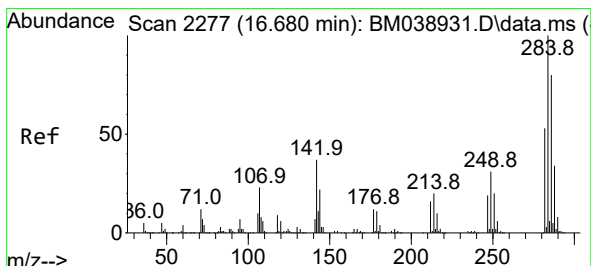
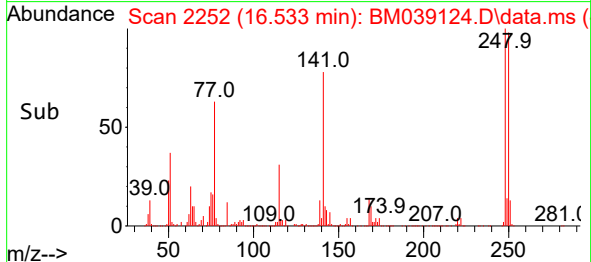
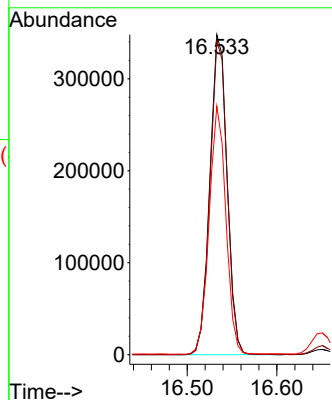
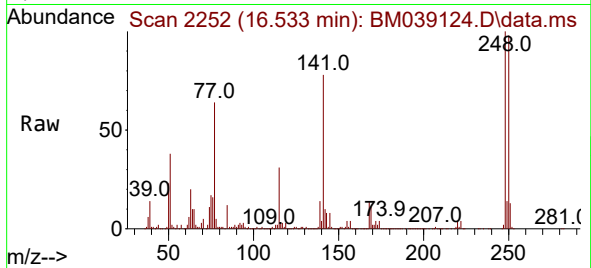




#67
4-Bromophenyl-phenylether
Concen: 46.783 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

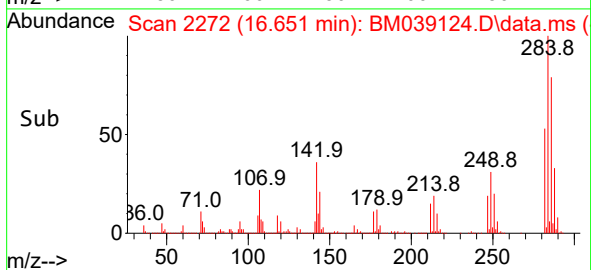
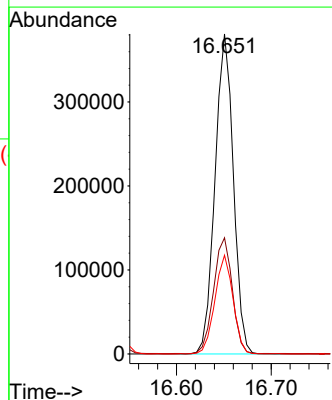
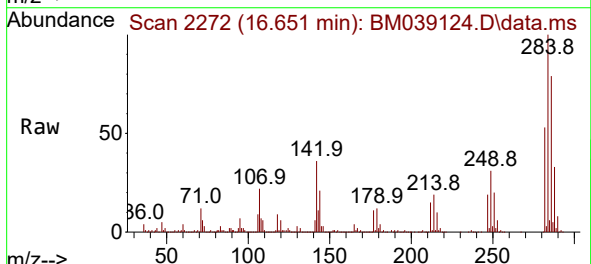
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

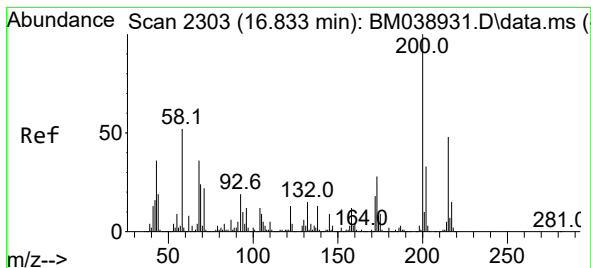
Tgt Ion:248 Resp: 464784
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 77.7 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.232 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:284 Resp: 513452
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 30.8 25.0 37.4





#69

Atrazine

Concen: 50.584 ng

RT: 16.809 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

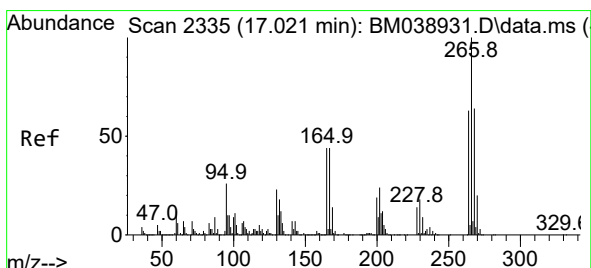
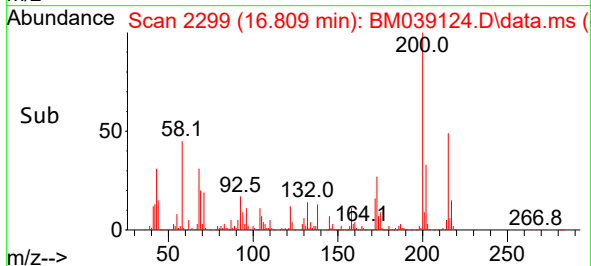
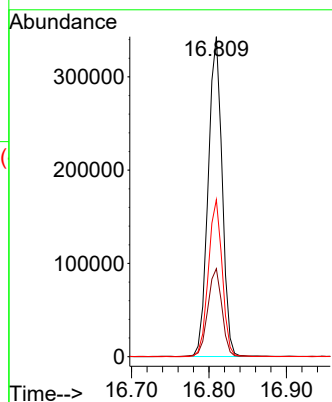
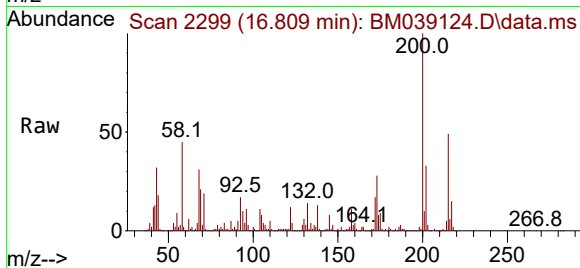
Tgt Ion:200 Resp: 428430

Ion Ratio Lower Upper

200 100

173 27.5 8.2 48.2

215 49.0 27.8 67.8



#70

Pentachlorophenol

Concen: 78.404 ng

RT: 16.998 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

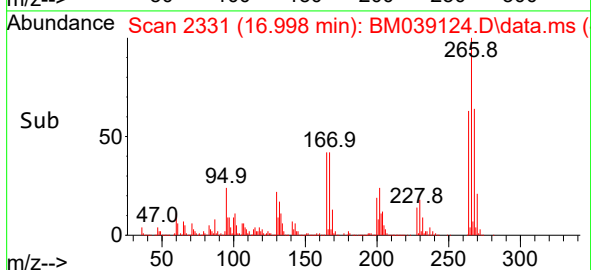
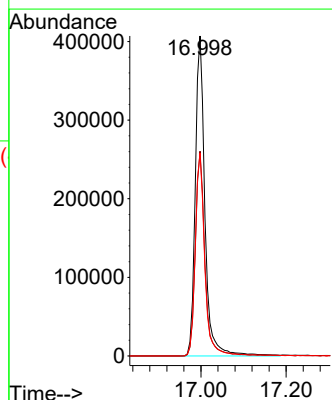
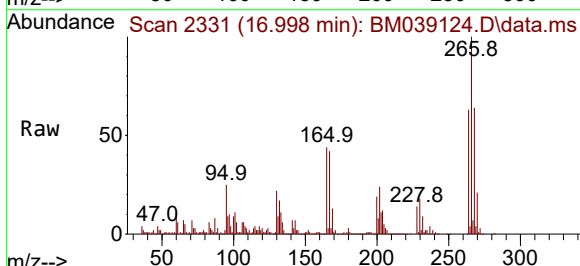
Tgt Ion:266 Resp: 640445

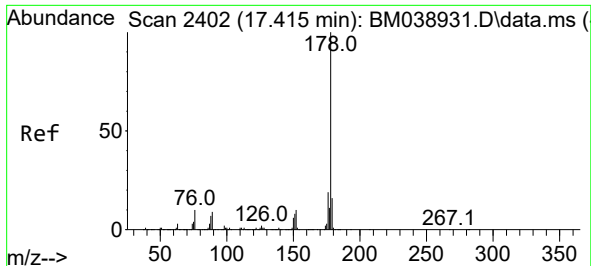
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 63.4 50.3 75.5

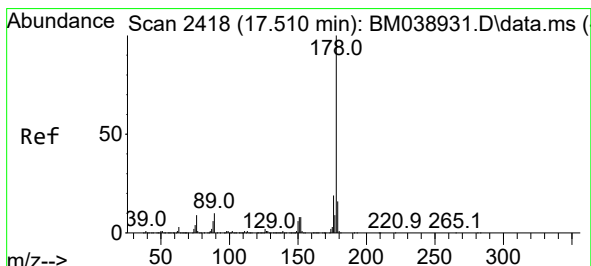
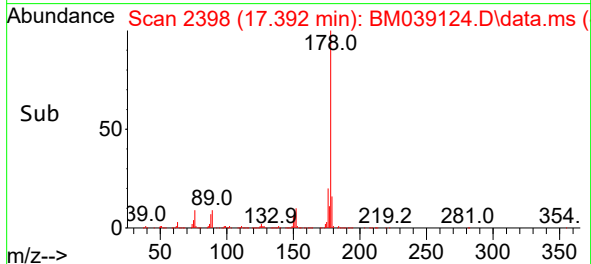
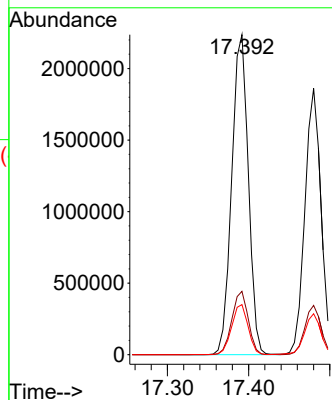
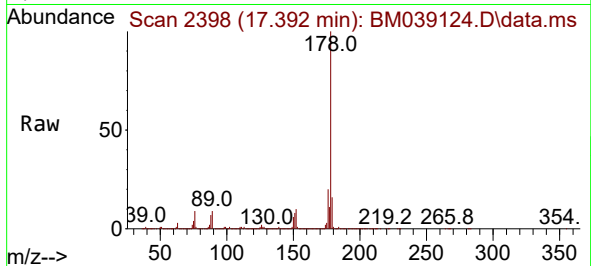




#71
Phenanthrene
Concen: 58.688 ng
RT: 17.392 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

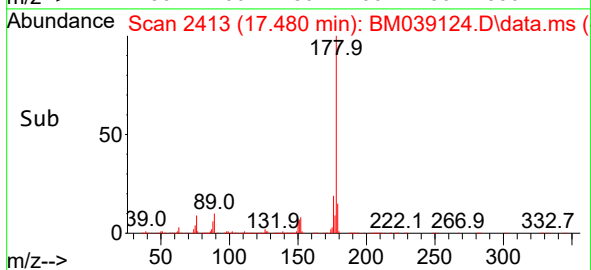
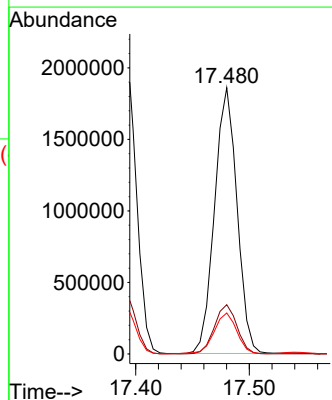
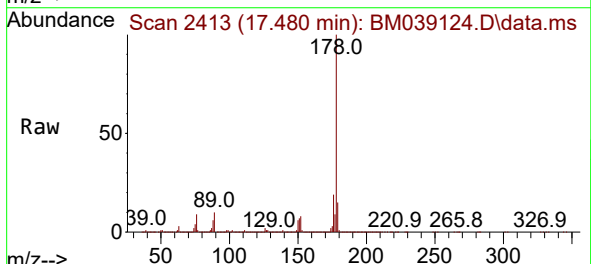
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

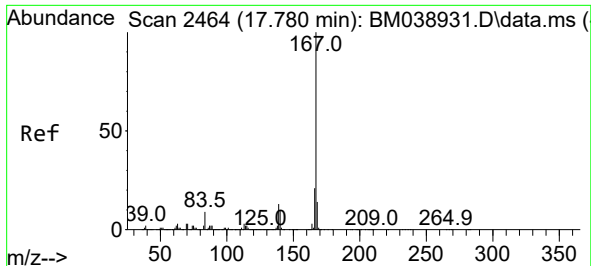
Tgt Ion:178 Resp: 3168202
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 47.469 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:178 Resp: 2555475
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.5 18.7

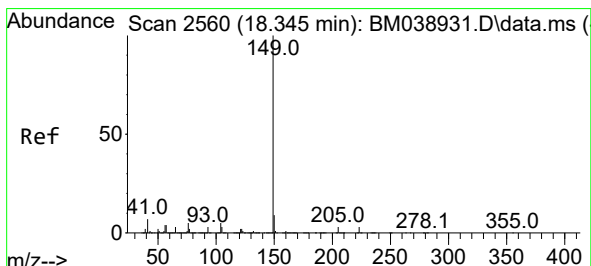
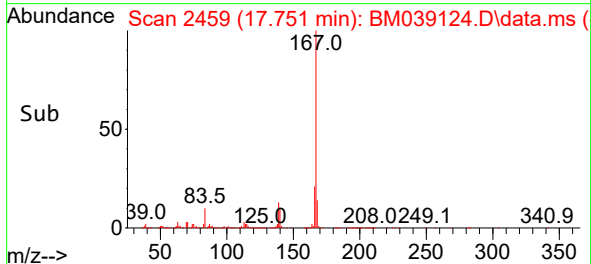
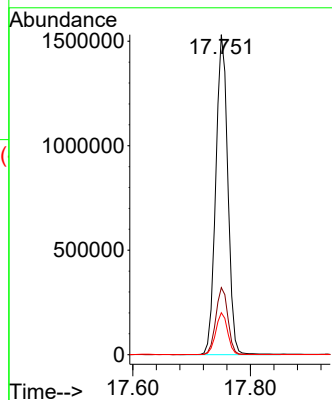
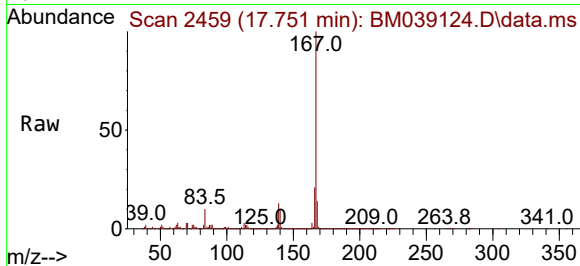




#73
 Carbazole
 Concen: 44.138 ng
 RT: 17.751 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM039124.D
 Acq: 23 Mar 2023 20:04

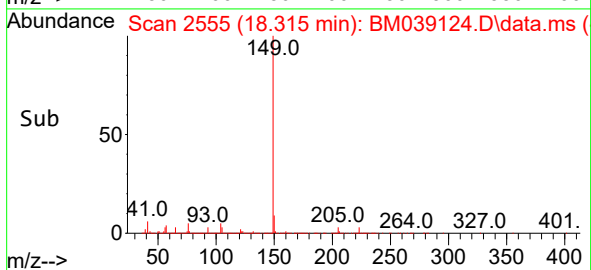
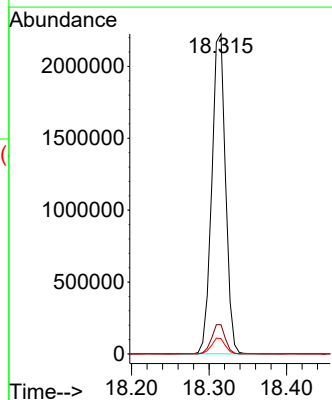
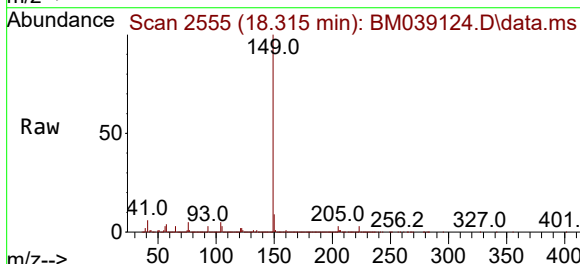
Instrument :
 BNA_M
 ClientSampleId :
 WC2-20230322MSD

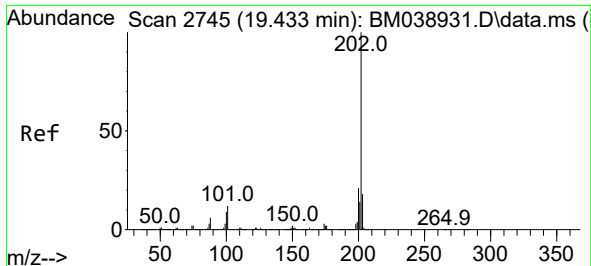
Tgt Ion:167 Resp: 2168608
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.722 ng
 RT: 18.315 min Scan# 2555
 Delta R.T. -0.006 min
 Lab File: BM039124.D
 Acq: 23 Mar 2023 20:04

Tgt Ion:149 Resp: 2734645
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.3 6.5

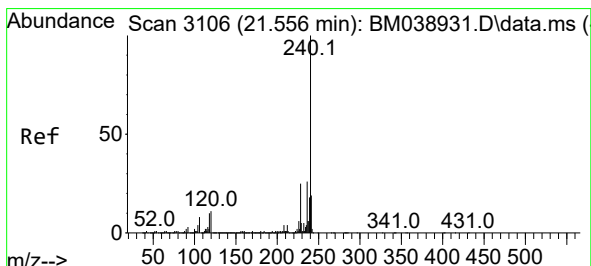
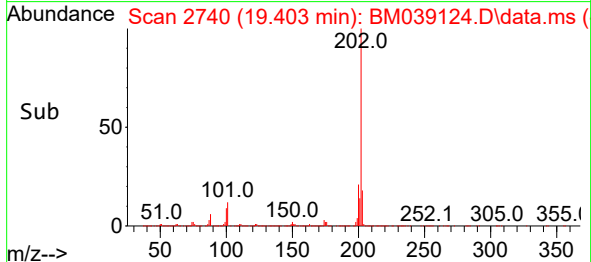
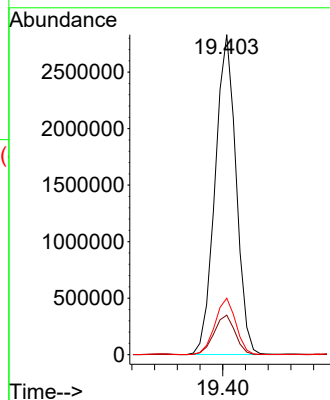
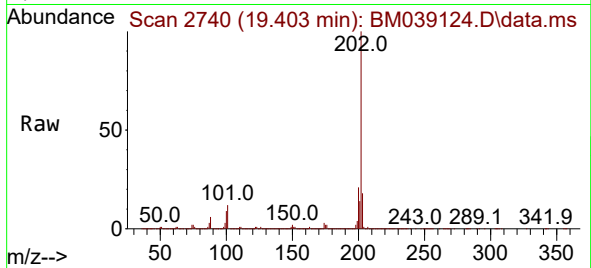




#75
Fluoranthene
Concen: 63.690 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

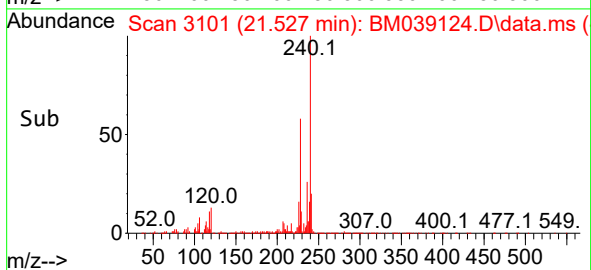
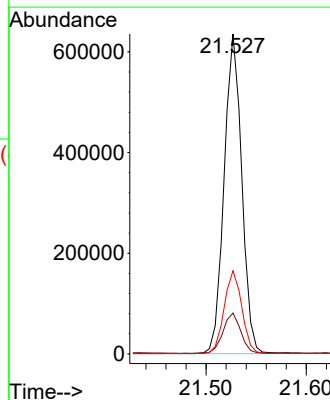
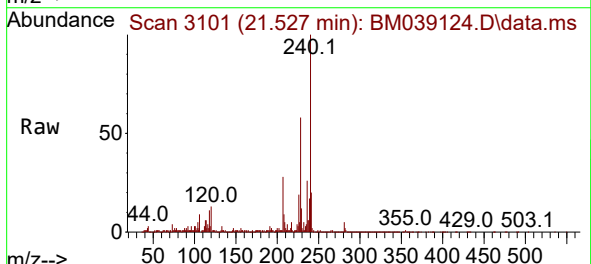
Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

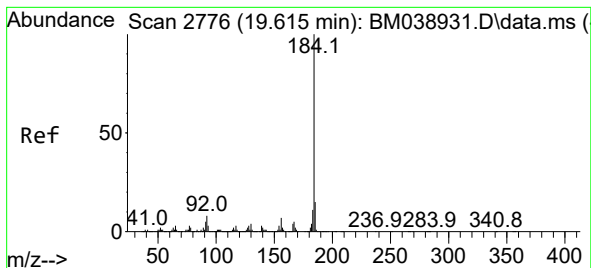
Tgt Ion:202 Resp: 3630187
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039124.D
Acq: 23 Mar 2023 20:04

Tgt Ion:240 Resp: 773800
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.0 20.8 31.2





#77

Benzidine

Concen: 64.386 ng

RT: 19.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

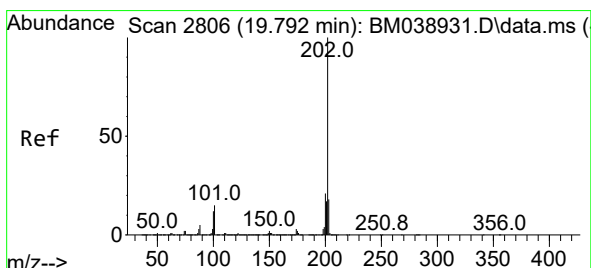
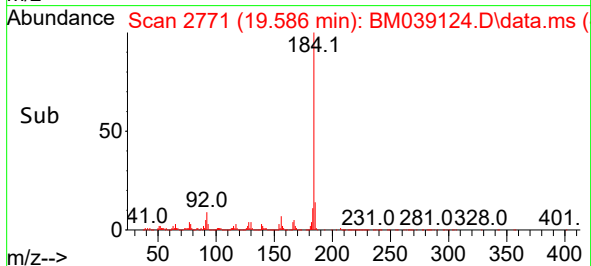
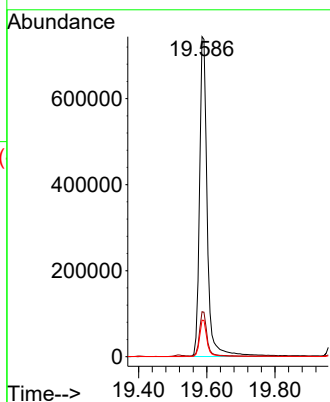
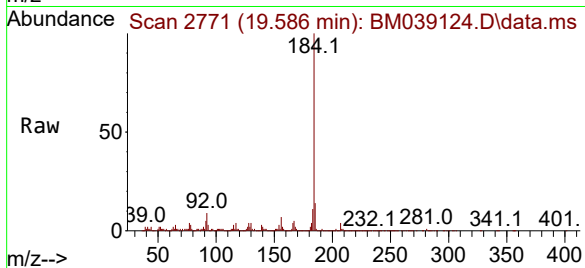
Tgt Ion:184 Resp: 1168337

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

183 11.4 8.8 13.2



#78

Pyrene

Concen: 62.424 ng

RT: 19.762 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

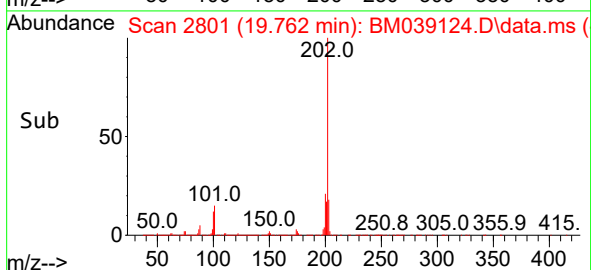
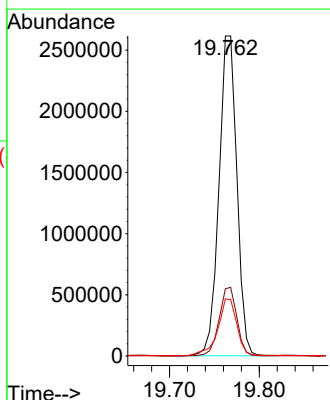
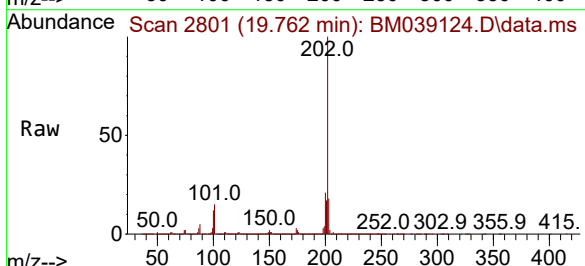
Tgt Ion:202 Resp: 3628030

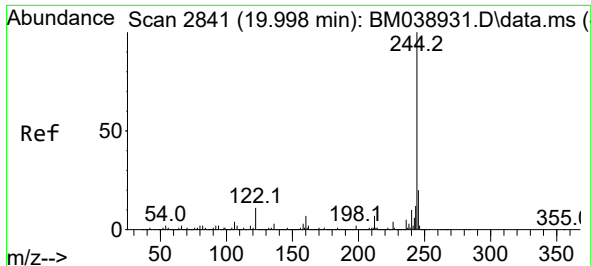
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.9 14.1 21.1

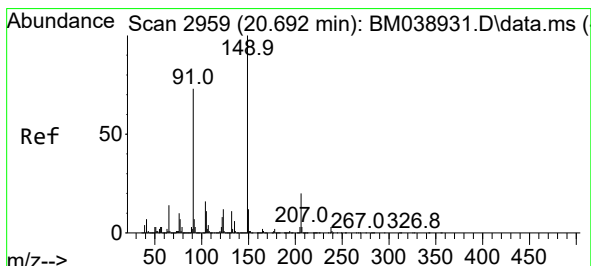
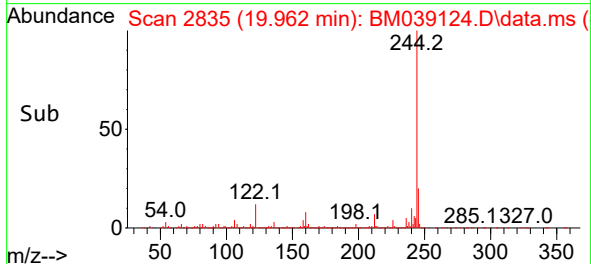
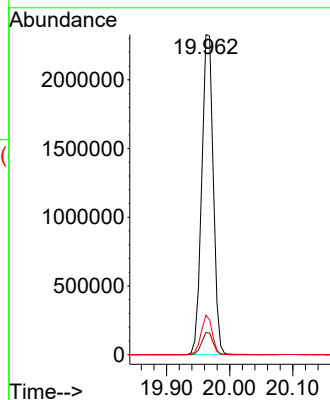
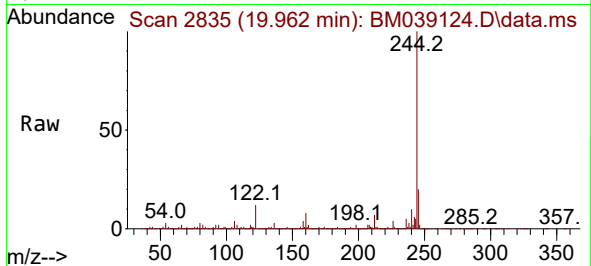




#79
 Terphenyl-d14
 Concen: 69.815 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039124.D
 Acq: 23 Mar 2023 20:04

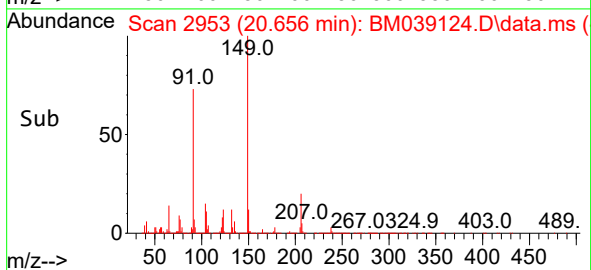
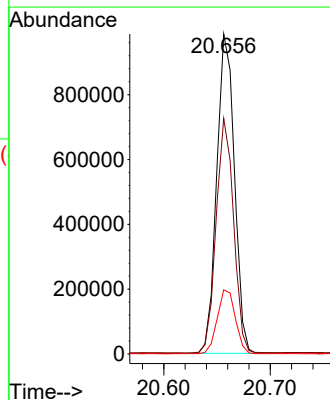
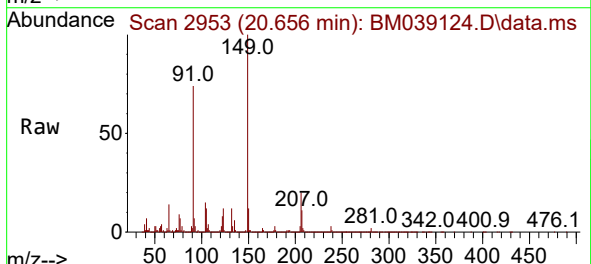
Instrument :
 BNA_M
 ClientSampleId :
 WC2-20230322MSD

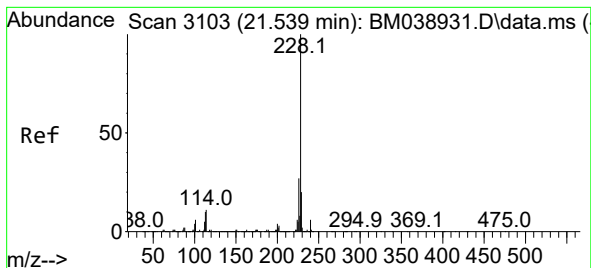
Tgt Ion:244 Resp: 2954750
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 46.109 ng
 RT: 20.656 min Scan# 2953
 Delta R.T. -0.006 min
 Lab File: BM039124.D
 Acq: 23 Mar 2023 20:04

Tgt Ion:149 Resp: 1136006
 Ion Ratio Lower Upper
 149 100
 91 73.6 58.4 87.6
 206 20.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 55.983 ng

RT: 21.509 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

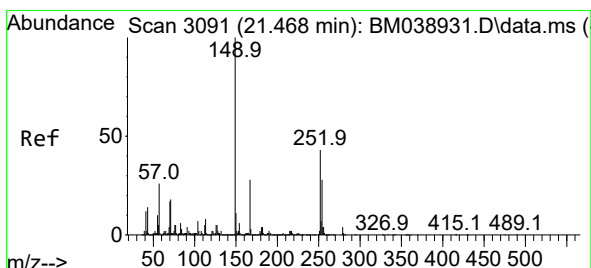
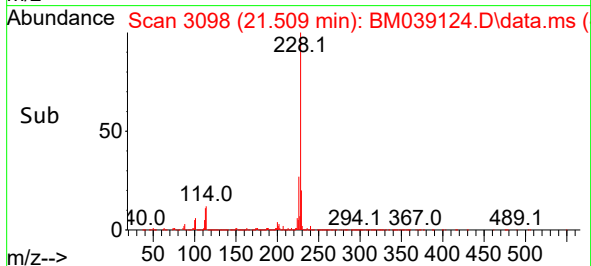
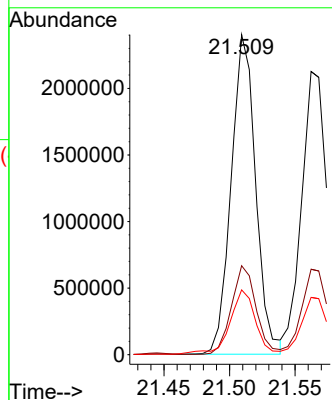
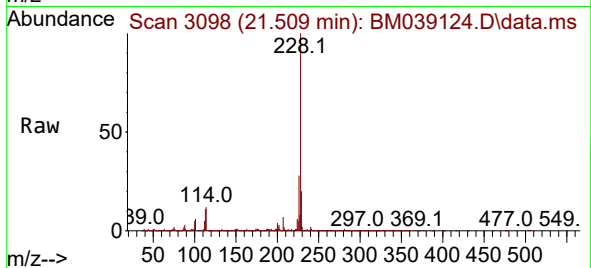
Tgt Ion:228 Resp: 3119674

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.2

229 20.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 49.546 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

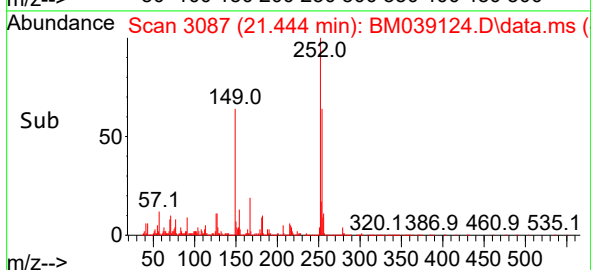
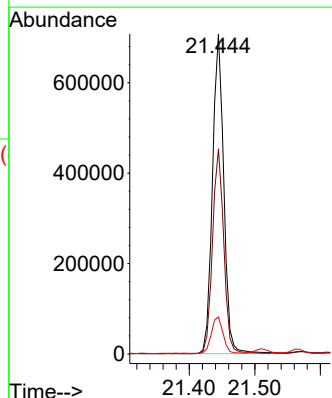
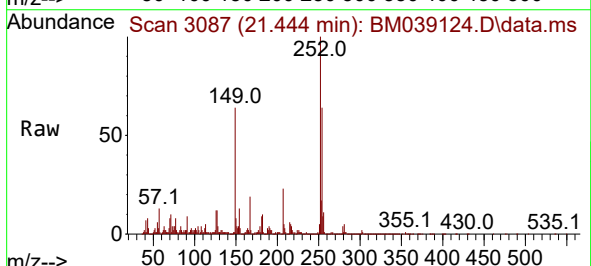
Tgt Ion:252 Resp: 848538

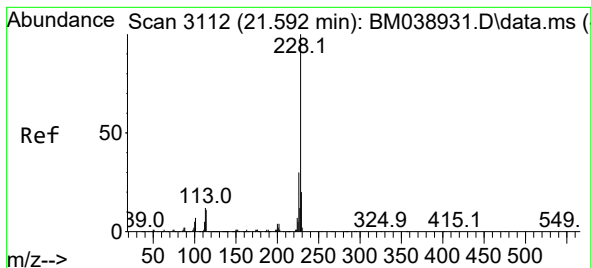
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 11.6 9.9 14.9





#83

Chrysene

Concen: 52.454 ng

RT: 21.562 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

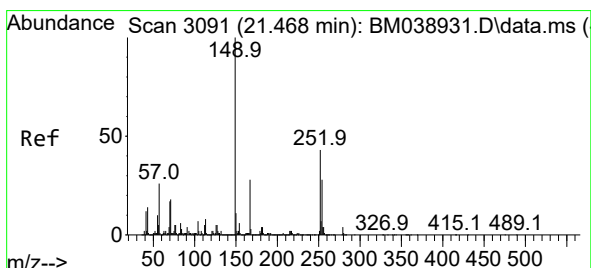
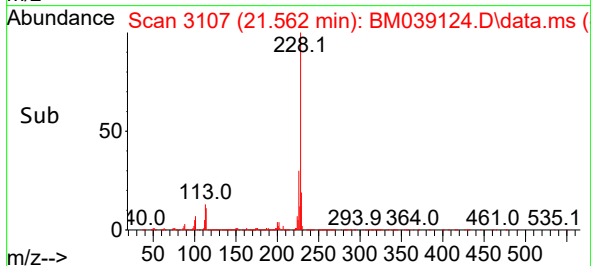
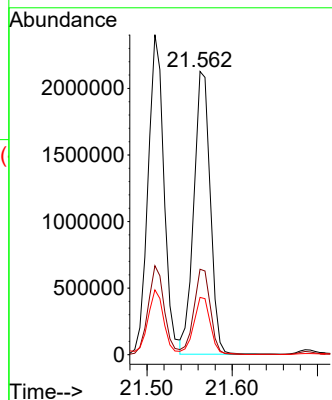
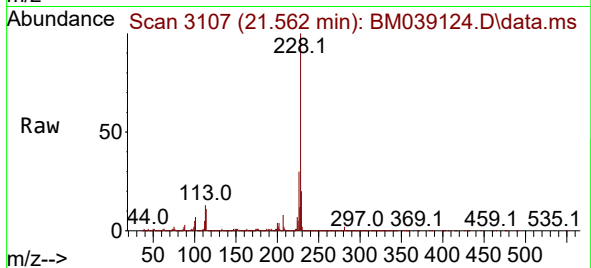
Tgt Ion:228 Resp: 2842896

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.606 ng

RT: 21.433 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

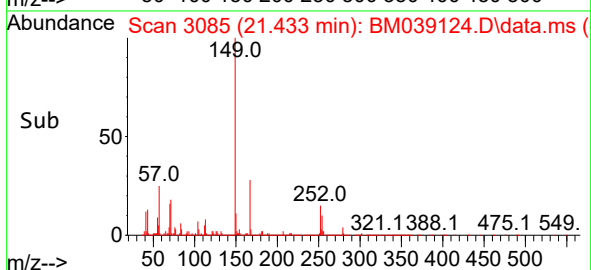
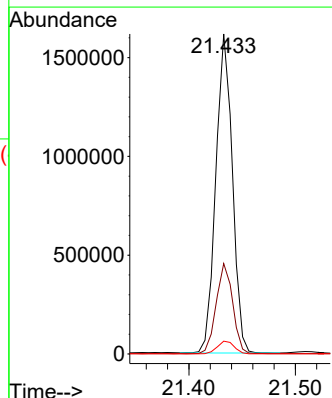
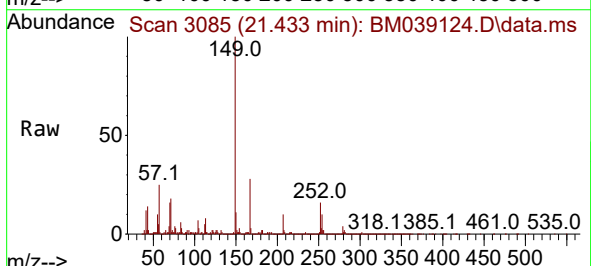
Tgt Ion:149 Resp: 1737920

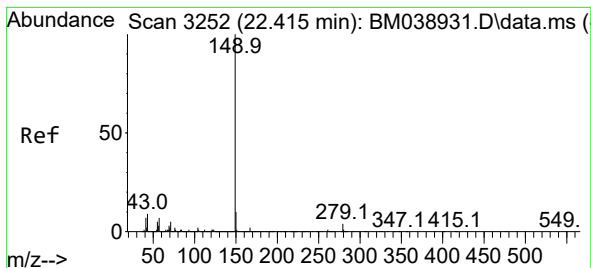
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.505 ng

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

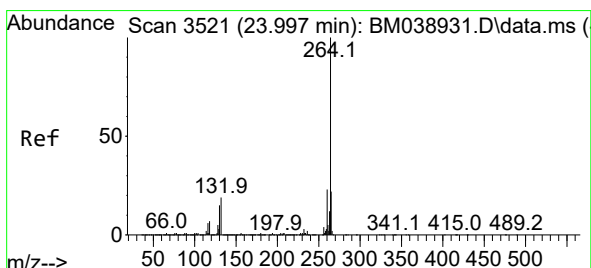
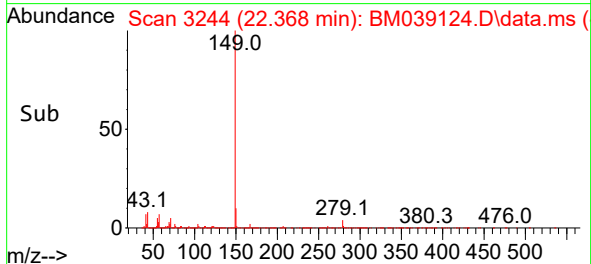
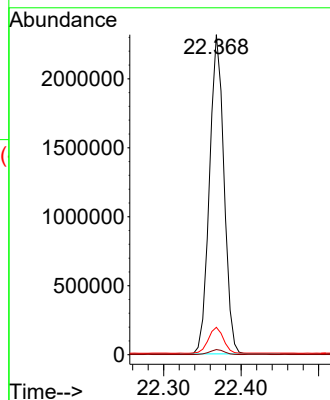
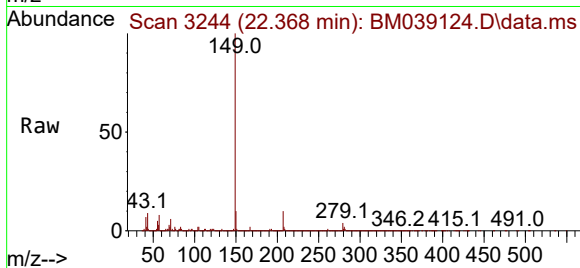
Tgt Ion:149 Resp: 3007423

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

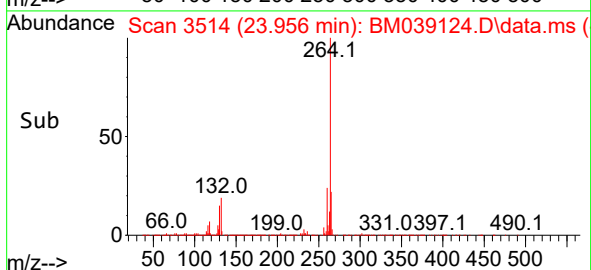
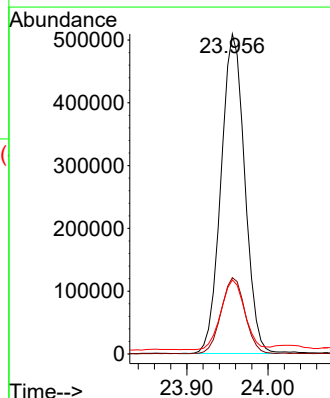
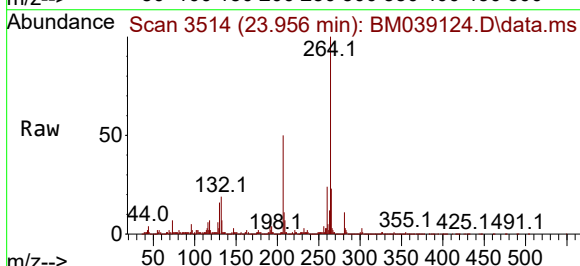
Tgt Ion:264 Resp: 1034230

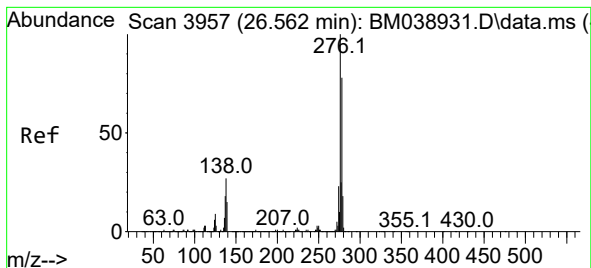
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 23.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.475 ng

RT: 26.503 min Scan# 3947

Delta R.T. 0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

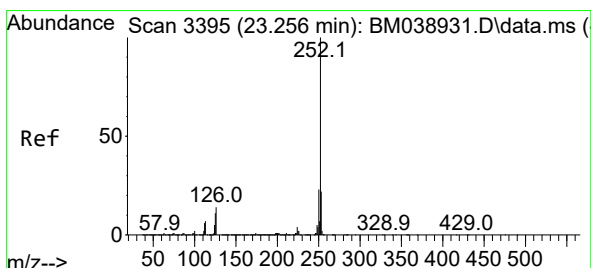
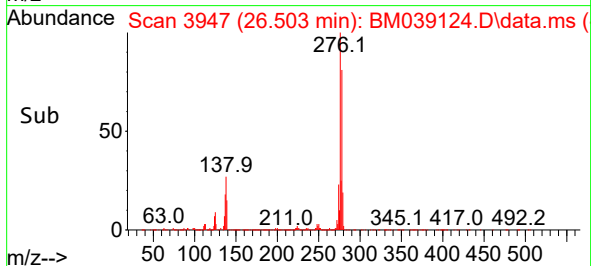
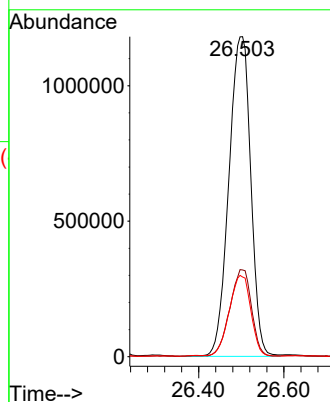
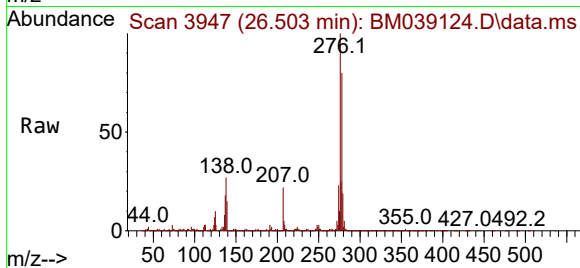
Tgt Ion:276 Resp: 4208335

Ion Ratio Lower Upper

276 100

138 27.0 22.1 33.1

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 55.944 ng

RT: 23.221 min Scan# 3389

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

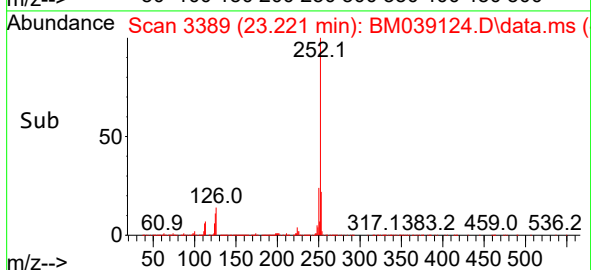
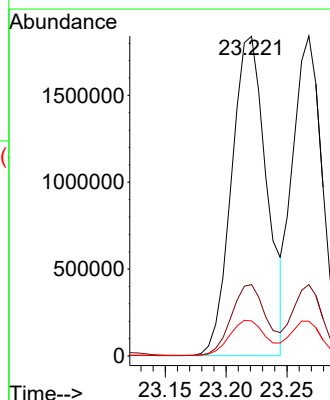
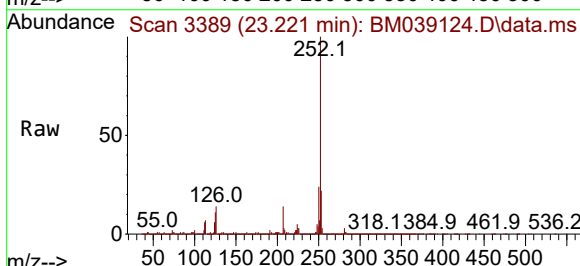
Tgt Ion:252 Resp: 3696395

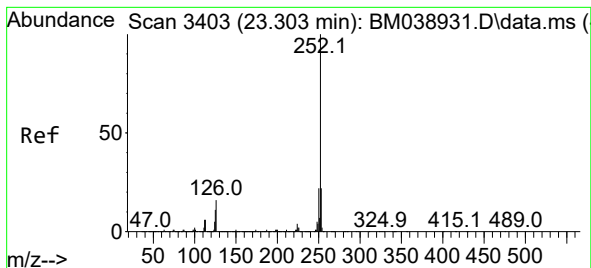
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.0 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 45.206 ng

RT: 23.268 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

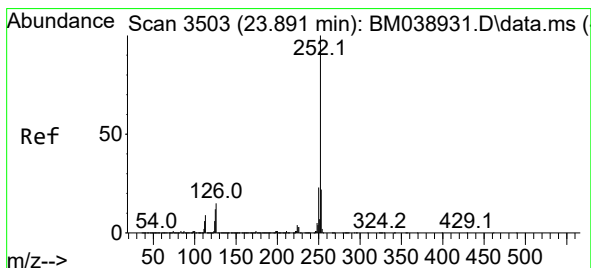
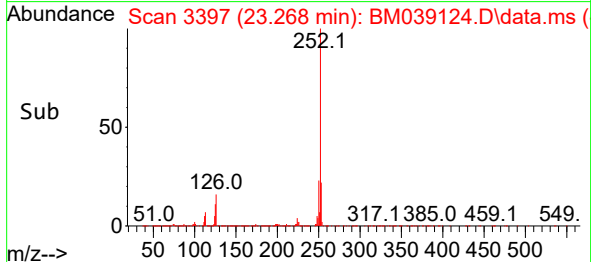
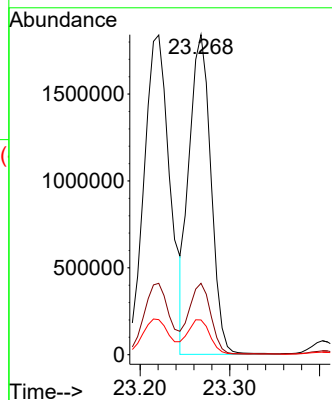
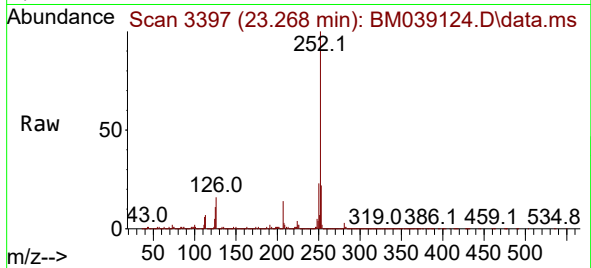
Tgt Ion:252 Resp: 3108482

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.8 8.9 13.3



#90

Benzo(a)pyrene

Concen: 51.788 ng

RT: 23.850 min Scan# 3496

Delta R.T. -0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

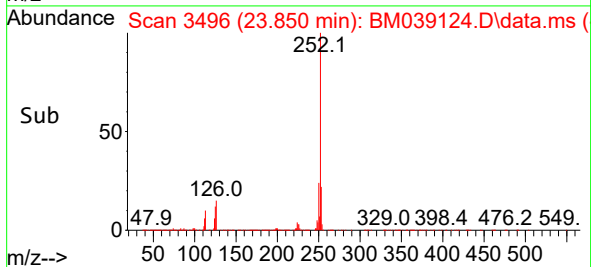
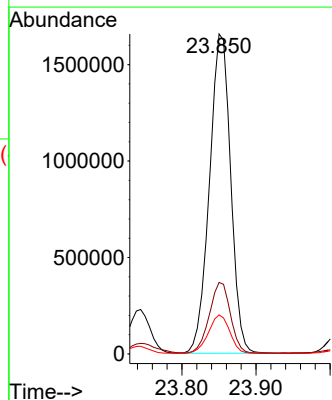
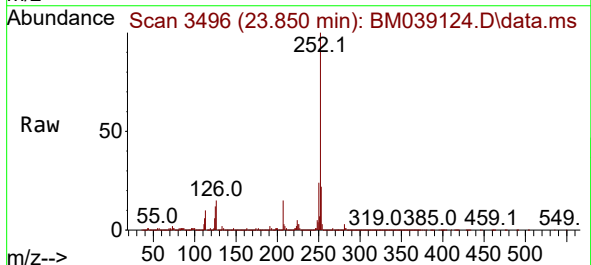
Tgt Ion:252 Resp: 3293256

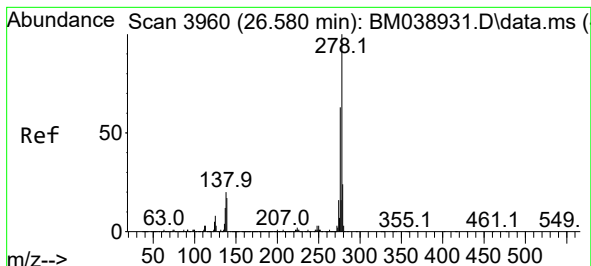
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.794 ng

RT: 26.515 min Scan# 3949

Delta R.T. 0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Instrument :

BNA_M

ClientSampleId :

WC2-20230322MSD

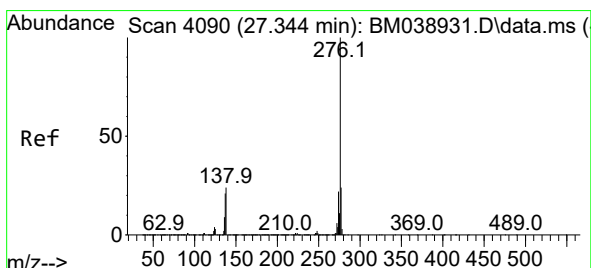
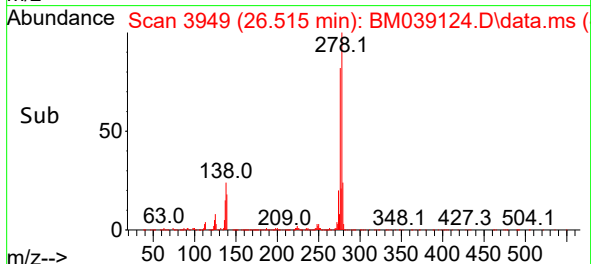
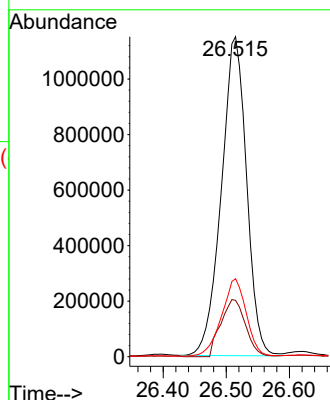
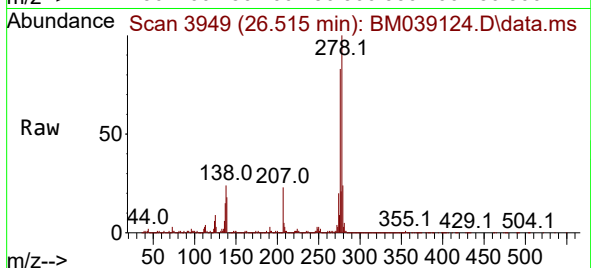
Tgt Ion:278 Resp: 3185341

Ion Ratio Lower Upper

278 100

139 17.6 13.7 20.5

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 54.511 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039124.D

Acq: 23 Mar 2023 20:04

Tgt Ion:276 Resp: 3554373

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 23.8 19.0 28.6

