

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039149.D
 Acq On : 24 Mar 2023 19:44
 Operator : CG/JU
 Sample : 01945-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322MSD

Quant Time: Mar 25 01:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	262557	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	988748	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	516199	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	930721	20.000	ng	0.00
76) Chrysene-d12	21.521	240	732903	20.000	ng	0.00
86) Perylene-d12	23.944	264	843051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1777278	102.842	ng	0.00
7) Phenol-d6	7.116	99	2210615	98.481	ng	0.00
23) Nitrobenzene-d5	9.122	82	1576614	78.326	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	763318	127.825	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	3234902	81.581	ng	0.00
79) Terphenyl-d14	19.956	244	3869174	96.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	180894	23.529	ng	# 52
3) Pyridine	3.793	79	449035	21.059	ng	98
4) n-Nitrosodimethylamine	3.693	42	236752	27.286	ng	95
6) Aniline	7.275	93	673533	22.852	ng	100
8) 2-Chlorophenol	7.516	128	598374	32.523	ng	95
9) Benzaldehyde	7.087	77	282555	26.452	ng	98
10) Phenol	7.146	94	678472	28.463	ng	98
11) bis(2-Chloroethyl)ether	7.375	93	642642	33.159	ng	98
12) 1,3-Dichlorobenzene	7.840	146	638999	32.681	ng	98
13) 1,4-Dichlorobenzene	7.987	146	647234	32.548	ng	99
14) 1,2-Dichlorobenzene	8.304	146	630979	32.941	ng	99
15) Benzyl Alcohol	8.193	79	575868	35.792	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	804721	32.877	ng	99
17) 2-Methylphenol	8.398	107	520439	31.783	ng	99
18) Hexachloroethane	9.034	117	243204	33.148	ng	95
19) n-Nitroso-di-n-propyla...	8.763	70	487963	34.513	ng	99
20) 3+4-Methylphenols	8.728	107	680738	31.134	ng	97
22) Acetophenone	8.781	105	971600	35.024	ng	# 98
24) Nitrobenzene	9.163	77	705740	33.358	ng	98
25) Isophorone	9.692	82	1345473	36.324	ng	99
26) 2-Nitrophenol	9.875	139	287637	31.863	ng	97
27) 2,4-Dimethylphenol	9.940	122	586068	36.312	ng	98
28) bis(2-Chloroethoxy)met...	10.175	93	844311	35.475	ng	100
29) 2,4-Dichlorophenol	10.410	162	542938	35.482	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	575999	34.447	ng	99
31) Naphthalene	10.816	128	2014448	35.730	ng	100
32) Benzoic acid	10.051	122	248628	24.221	ng	99
33) 4-Chloroaniline	10.928	127	393859	16.392	ng	99
34) Hexachlorobutadiene	11.098	225	329549	34.367	ng	98
35) Caprolactam	11.722	113	146623	31.483	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	570181	34.993	ng	99
37) 2-Methylnaphthalene	12.422	142	1281411	33.910	ng	99
38) 1-Methylnaphthalene	12.639	142	1201245	33.921	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	629206	37.494	ng	100
41) Hexachlorocyclopentadiene	12.763	237	561205	60.925	ng	98
43) 2,4,6-Trichlorophenol	13.028	196	417176	38.390	ng	99

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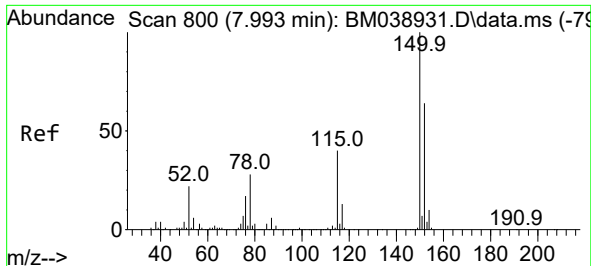
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	429258	33.748	ng	98
46) 1,1'-Biphenyl	13.428	154	1676782	38.343	ng	99
47) 2-Chloronaphthalene	13.469	162	1252418	37.979	ng	100
48) 2-Nitroaniline	13.675	65	390086	37.457	ng	96
49) Acenaphthylene	14.316	152	1955840	37.235	ng	100
50) Dimethylphthalate	14.051	163	1501864	37.810	ng	99
51) 2,6-Dinitrotoluene	14.175	165	326264	37.479	ng	94
52) Acenaphthene	14.657	154	1187451	36.785	ng	99
53) 3-Nitroaniline	14.498	138	263585	26.407	ng	98
54) 2,4-Dinitrophenol	14.710	184	252964	52.041	ng	91
55) Dibenzofuran	14.992	168	1854582	36.714	ng	99
56) 4-Nitrophenol	14.810	139	399468	50.638	ng	97
57) 2,4-Dinitrotoluene	14.957	165	397202	34.947	ng	99
58) Fluorene	15.639	166	1466704	37.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	360940	36.794	ng	97
60) Diethylphthalate	15.410	149	1462089	37.830	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	720128	37.045	ng	99
62) 4-Nitroaniline	15.663	138	341854	33.263	ng	95
63) Azobenzene	15.927	77	1514410	37.032	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	186672	32.373	ng	93
66) n-Nitrosodiphenylamine	15.851	169	1236113	39.396	ng	100
67) 4-Bromophenyl-phenylether	16.527	248	419051	41.685	ng	99
68) Hexachlorobenzene	16.645	284	468318	41.673	ng	97
69) Atrazine	16.804	200	387079	45.165	ng	97
70) Pentachlorophenol	16.986	266	561970	67.989	ng	100
71) Phenanthrene	17.380	178	2125196	38.905	ng	100
72) Anthracene	17.468	178	2114798	38.822	ng	100
73) Carbazole	17.745	167	1963976	39.503	ng	100
74) Di-n-butylphthalate	18.304	149	2350666	39.111	ng	99
75) Fluoranthene	19.392	202	2179670	37.792	ng	99
77) Benzidine	19.580	184	1441509	82.397	ng	99
78) Pyrene	19.756	202	2269033	41.220	ng	100
80) Butylbenzylphthalate	20.651	149	976653	42.160	ng	99
81) Benzo(a)anthracene	21.503	228	2076437	39.341	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	637877	39.324	ng	99
83) Chrysene	21.556	228	1979278	38.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1425327	42.421	ng	100
85) Di-n-octyl phthalate	22.362	149	2410662	43.326	ng	98
87) Indeno(1,2,3-cd)pyrene	26.474	276	2918138	45.489	ng	100
88) Benzo(b)fluoranthene	23.203	252	2127176	39.495	ng	100
89) Benzo(k)fluoranthene	23.256	252	2133563	38.064	ng	99
90) Benzo(a)pyrene	23.839	252	1930725	37.247	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	2441302	44.937	ng	99
92) Benzo(g,h,i)perylene	27.250	276	2451369	46.120	ng	100

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

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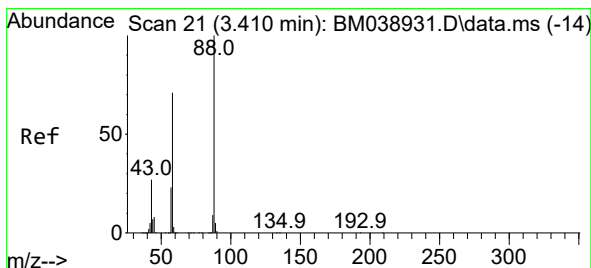
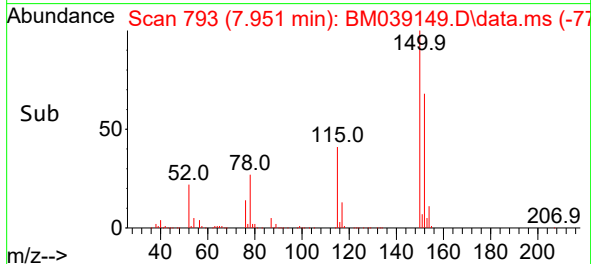
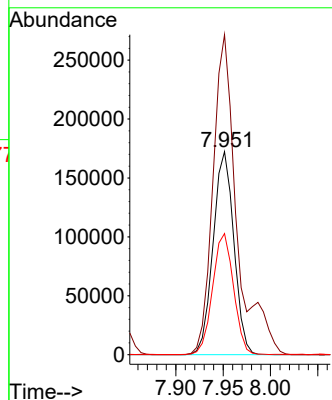
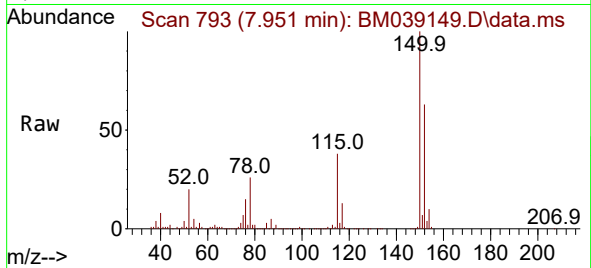




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

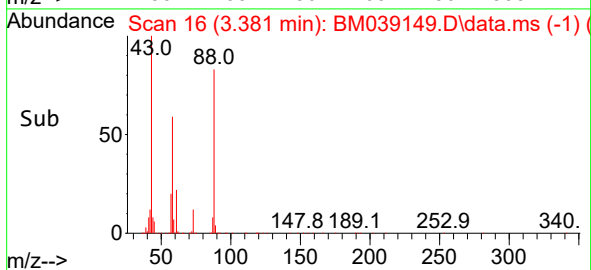
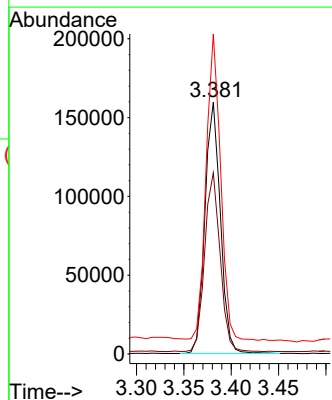
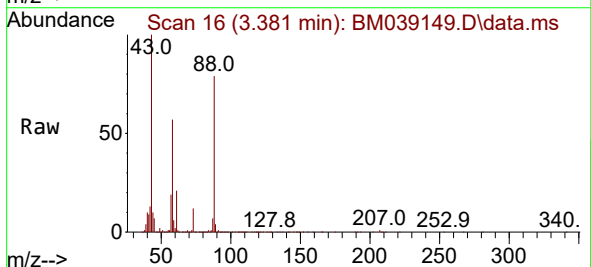
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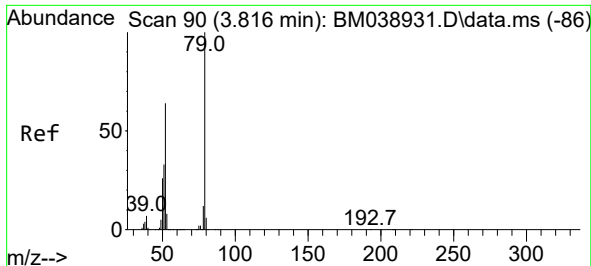
Tgt Ion:152 Resp: 262557
Ion Ratio Lower Upper
152 100
150 157.7 125.1 187.7
115 59.7 49.6 74.4



#2
1,4-Dioxane
Concen: 23.529 ng
RT: 3.381 min Scan# 16
Delta R.T. 0.012 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 88 Resp: 180894
Ion Ratio Lower Upper
88 100
58 71.4 57.2 85.8
43 118.1 22.0 33.0#

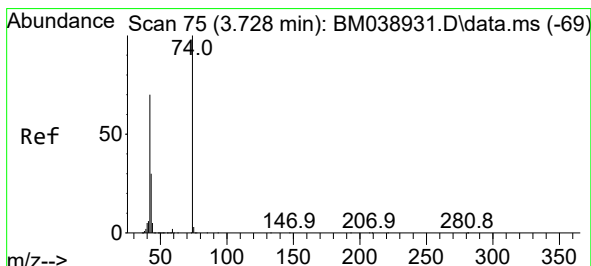
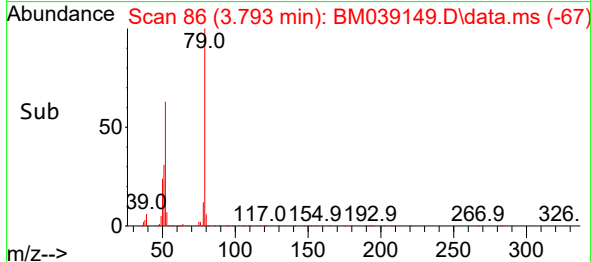
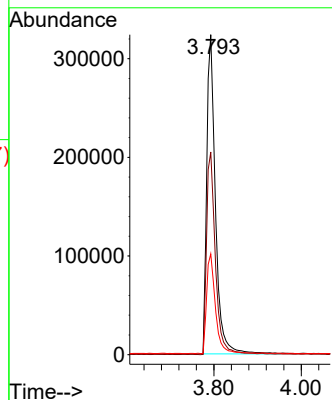
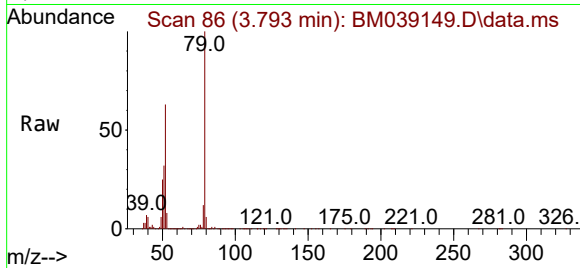




#3
 Pyridine
 Concen: 21.059 ng
 RT: 3.793 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BM039149.D
 Acq: 24 Mar 2023 19:44

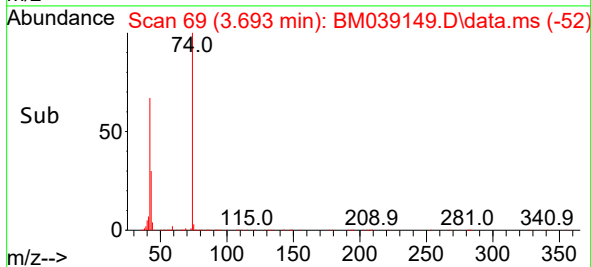
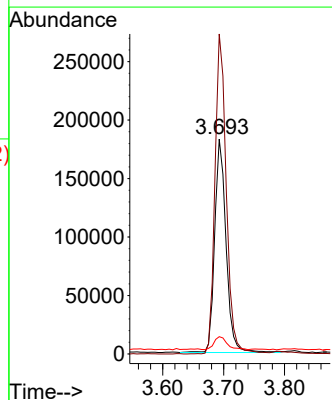
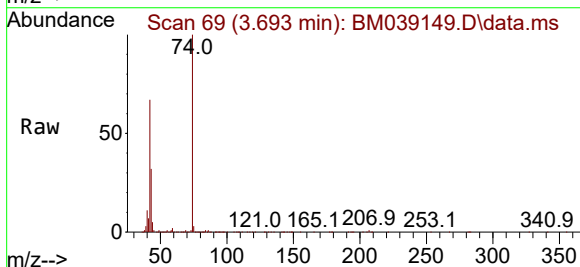
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 ClientSampleId :
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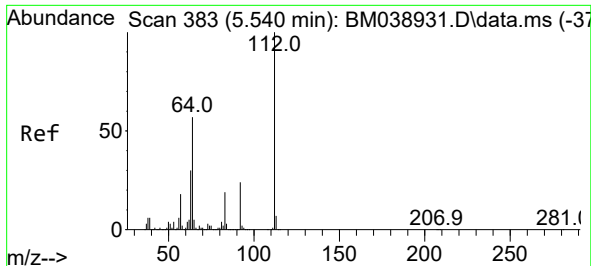
Tgt Ion: 79 Resp: 449035
 Ion Ratio Lower Upper
 79 100
 52 63.3 51.4 77.2
 51 31.5 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 27.286 ng
 RT: 3.693 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM039149.D
 Acq: 24 Mar 2023 19:44

Tgt Ion: 42 Resp: 236752
 Ion Ratio Lower Upper
 42 100
 74 148.9 113.8 170.8
 44 8.0 6.2 9.2

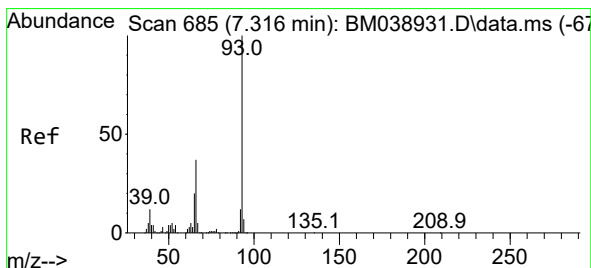
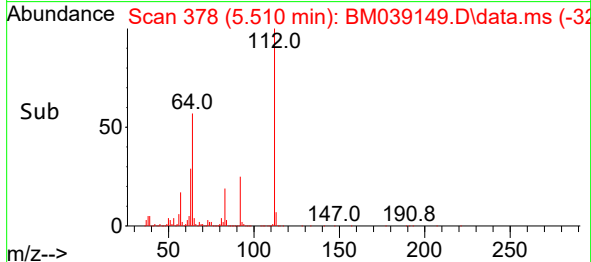
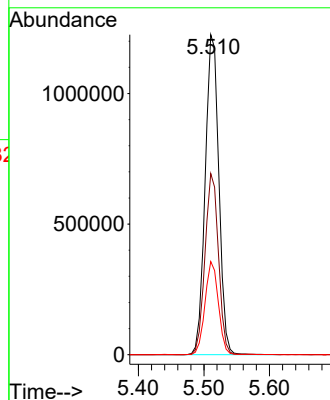
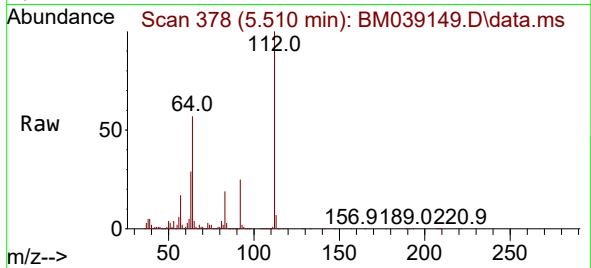




#5
2-Fluorophenol
Concen: 102.842 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

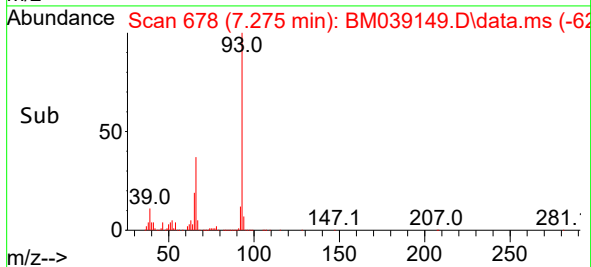
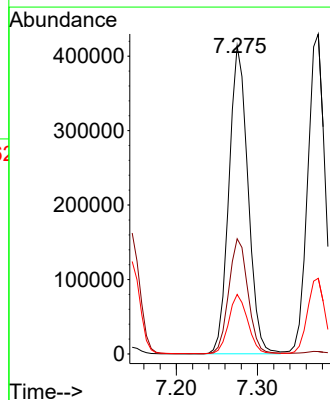
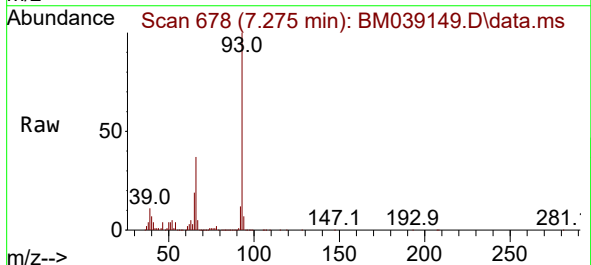
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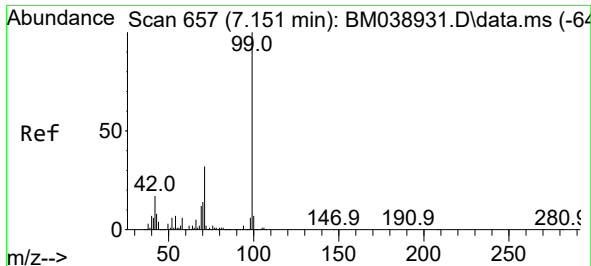
Tgt Ion:112 Resp: 1777278
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 29.1 23.8 35.8



#6
Aniline
Concen: 22.852 ng
RT: 7.275 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 93 Resp: 673533
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.3 15.8 23.6

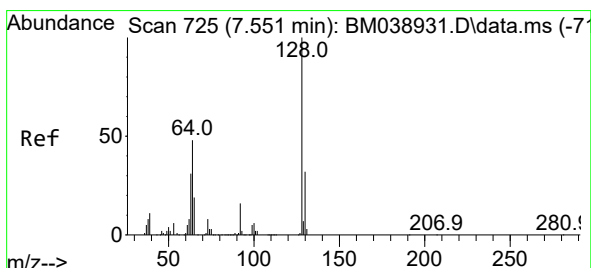
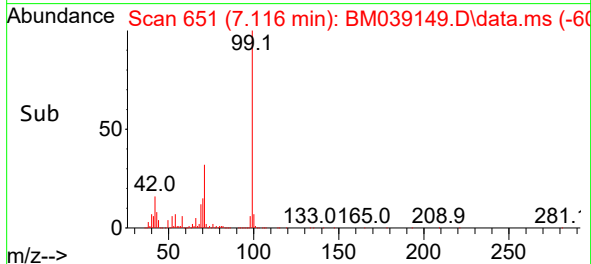
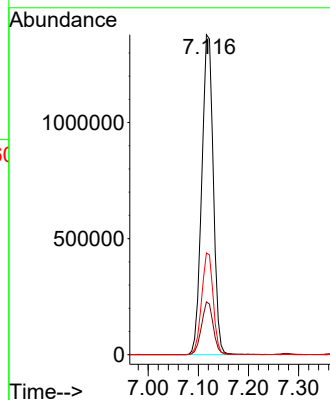
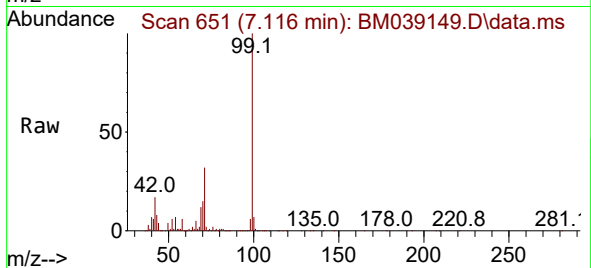




#7
Phenol-d6
Concen: 98.481 ng
RT: 7.116 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

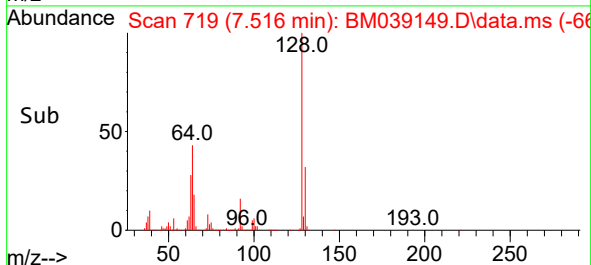
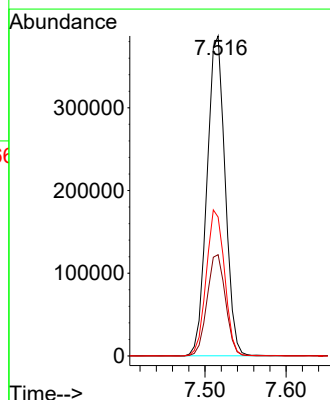
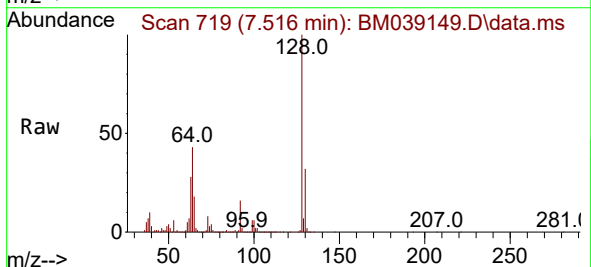
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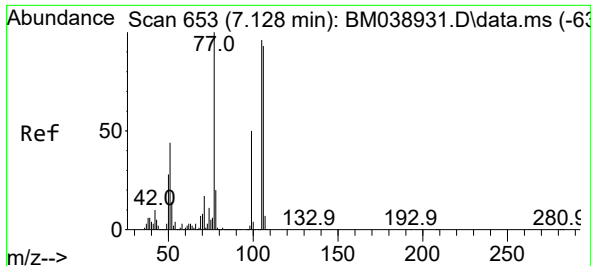
Tgt Ion: 99 Resp: 2210615
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 32.523 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 128 Resp: 598374
Ion Ratio Lower Upper
128 100
130 31.7 11.9 51.9
64 43.4 28.6 68.6

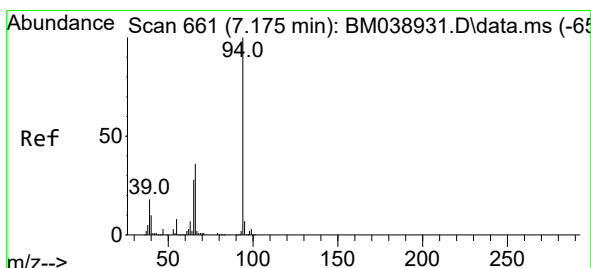
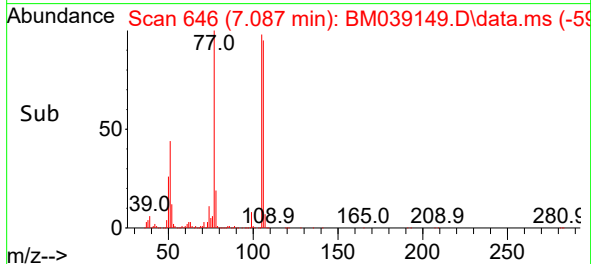
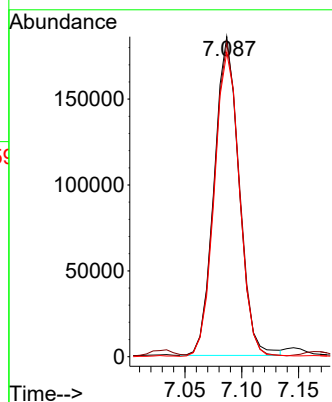
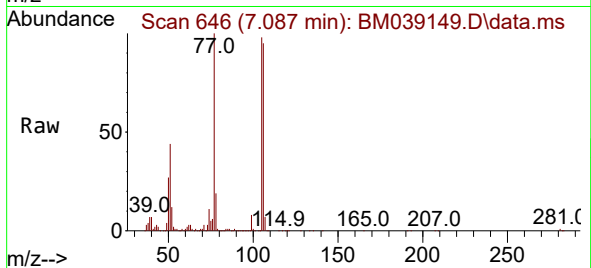




#9
Benzaldehyde
Concen: 26.452 ng
RT: 7.087 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

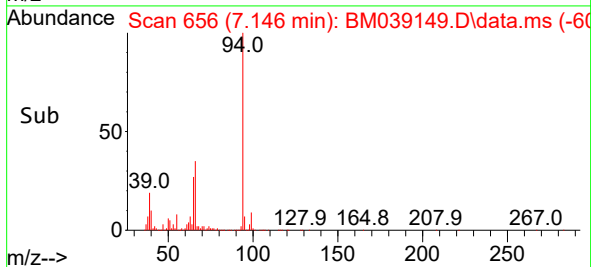
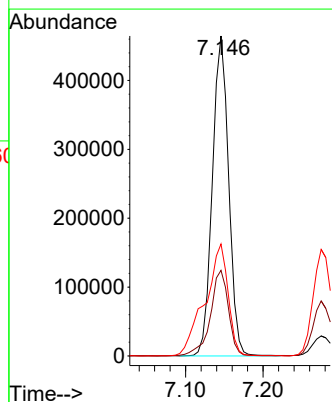
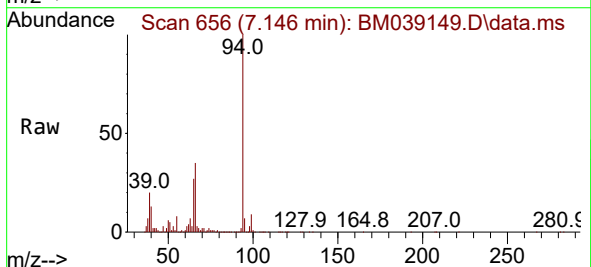
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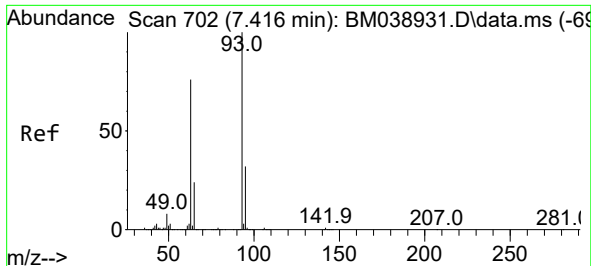
Tgt Ion: 77 Resp: 282555
Ion Ratio Lower Upper
77 100
105 98.0 75.8 115.8
106 95.1 72.6 112.6



#10
Phenol
Concen: 28.463 ng
RT: 7.146 min Scan# 656
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 678472
Ion Ratio Lower Upper
94 100
65 26.8 7.9 47.9
66 35.0 15.8 55.8

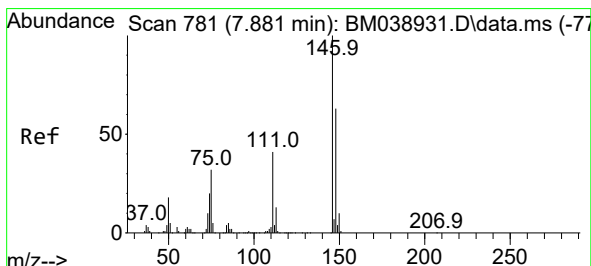
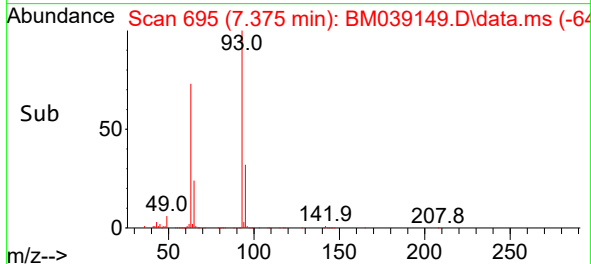
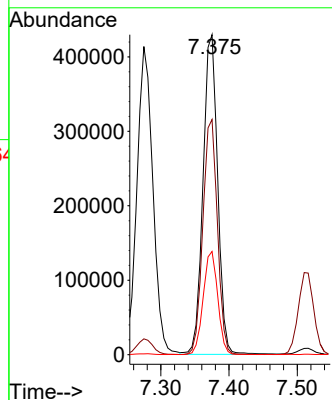
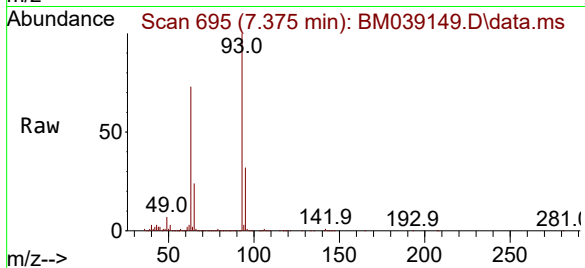




#11
bis(2-Chloroethyl)ether
Concen: 33.159 ng
RT: 7.375 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

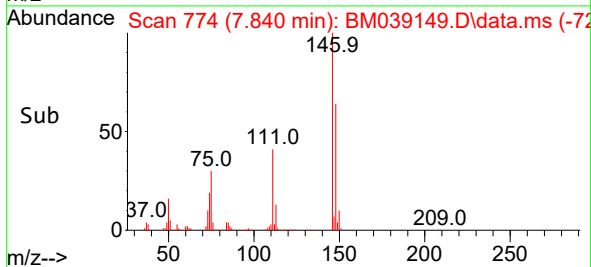
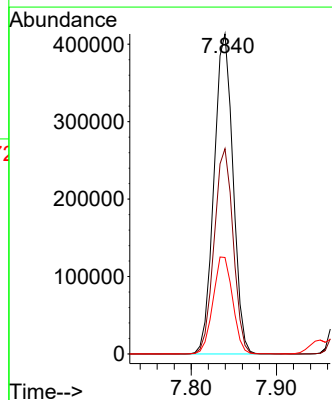
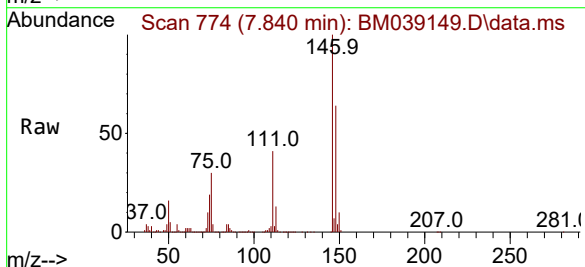
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

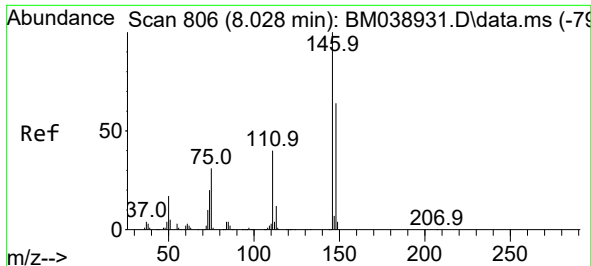
Tgt Ion: 93 Resp: 642642
Ion Ratio Lower Upper
93 100
63 73.5 55.8 95.8
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 32.681 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:146 Resp: 638999
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 30.1 26.0 39.0

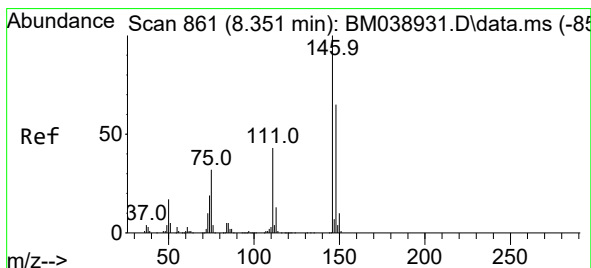
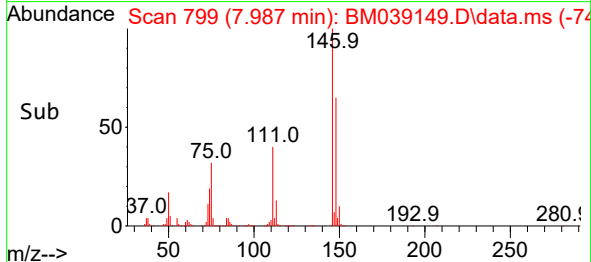
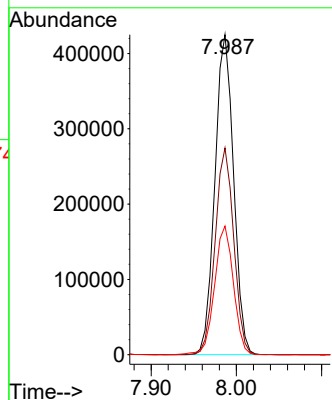
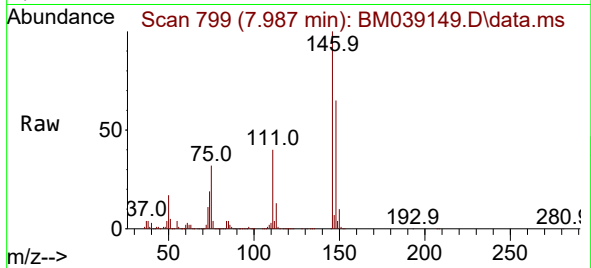




#13
1,4-Dichlorobenzene
Concen: 32.548 ng
RT: 7.987 min Scan# 799
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

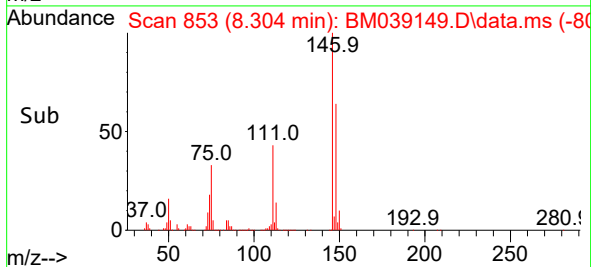
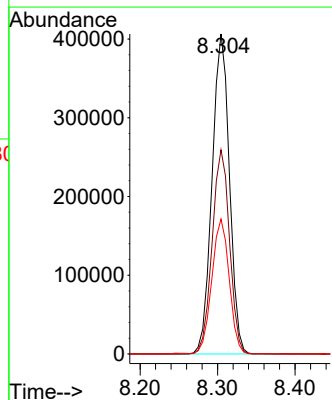
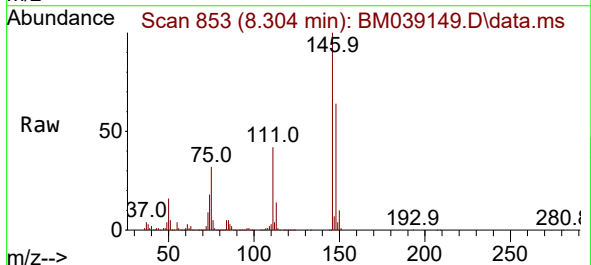
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

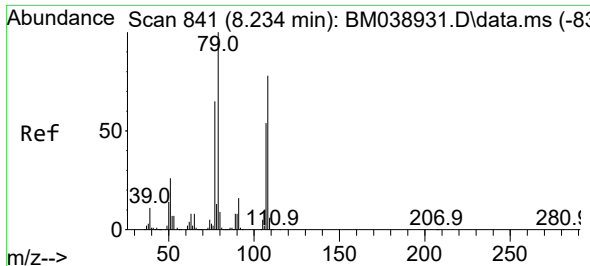
Tgt Ion:146 Resp: 647234
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
111 40.2 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 32.941 ng
RT: 8.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:146 Resp: 630979
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 42.2 34.2 51.4

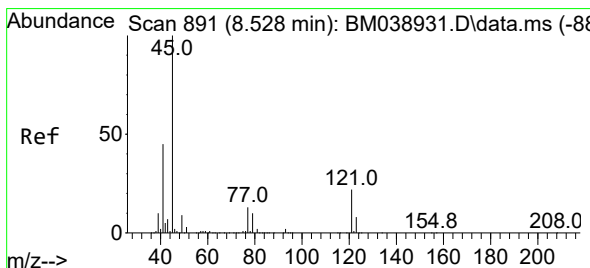
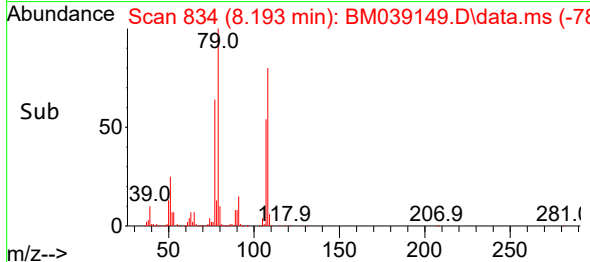
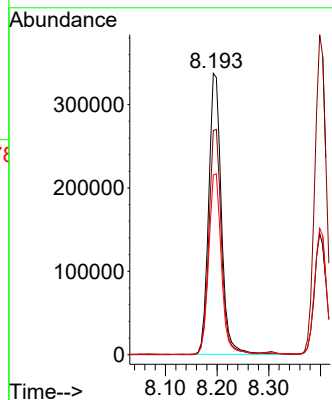
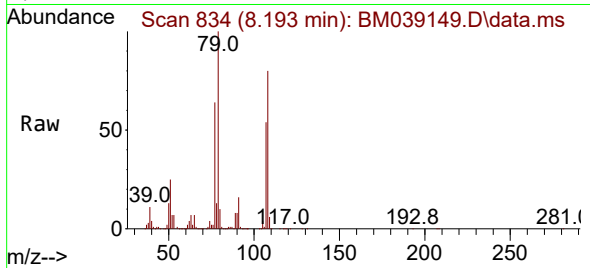




#15
Benzyl Alcohol
Concen: 35.792 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

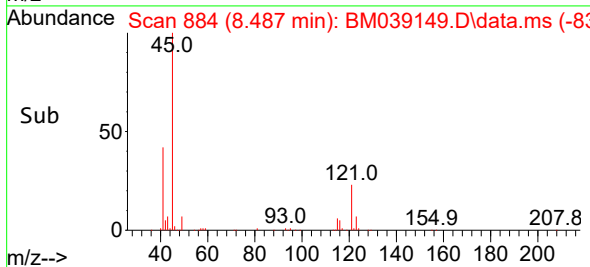
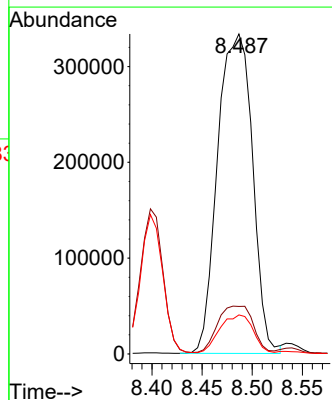
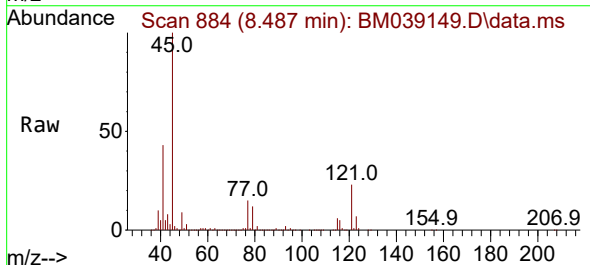
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

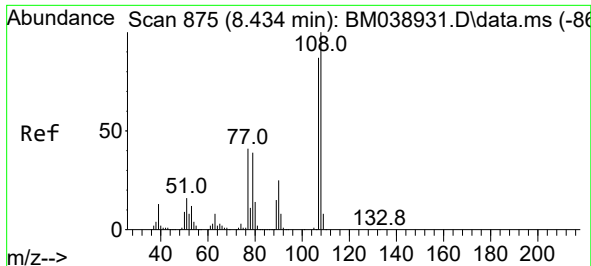
Tgt Ion: 79 Resp: 575868
Ion Ratio Lower Upper
79 100
108 79.7 62.4 93.6
77 63.9 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.877 ng
RT: 8.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 45 Resp: 804721
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.8
79 12.2 0.0 31.5

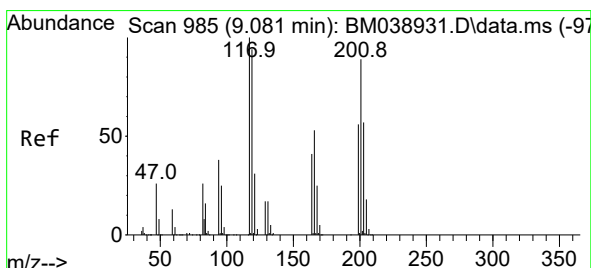
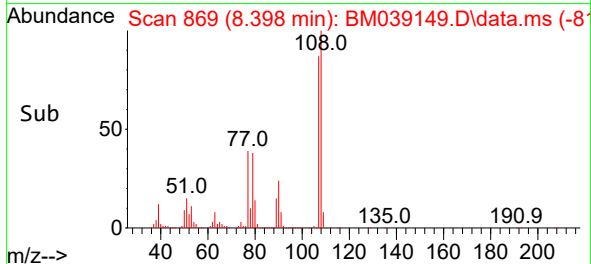
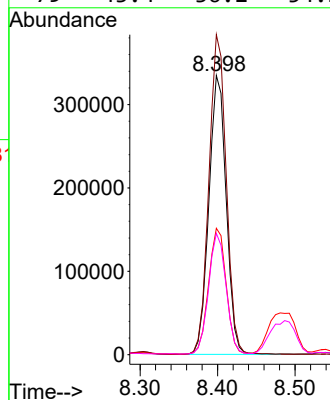
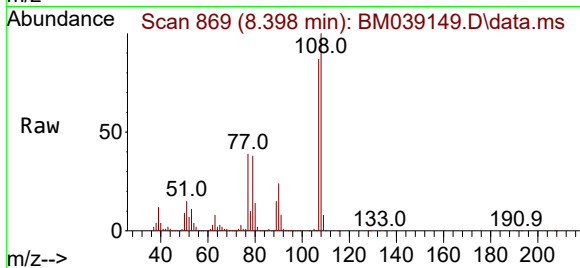




#17
2-Methylphenol
Concen: 31.783 ng
RT: 8.398 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

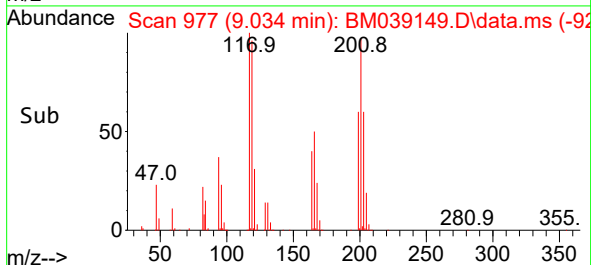
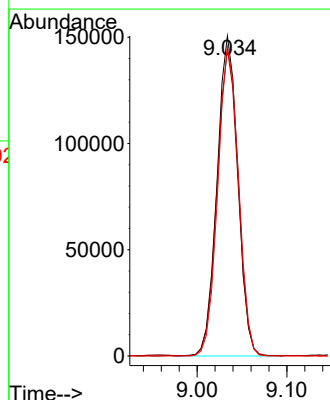
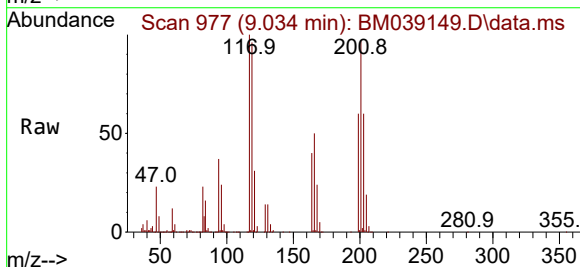
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

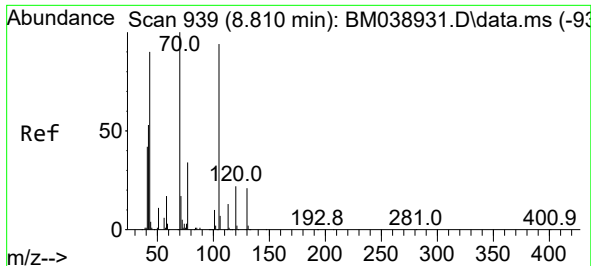
Tgt Ion:107 Resp: 520439
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 45.3 37.4 56.2
79 43.4 36.2 54.2



#18
Hexachloroethane
Concen: 33.148 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:117 Resp: 243204
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0
201 96.5 71.3 106.9

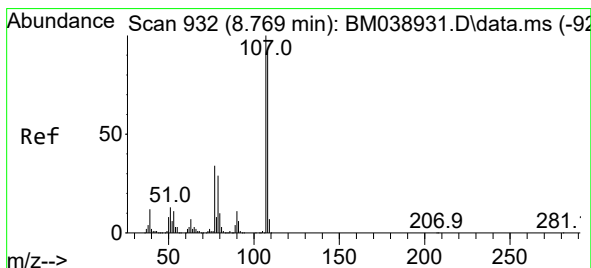
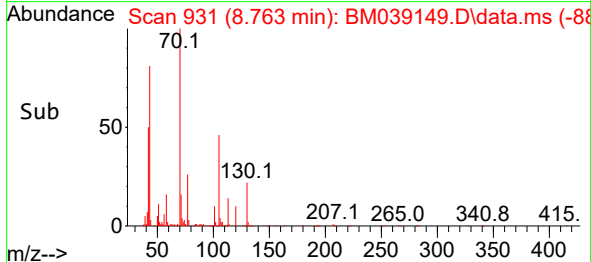
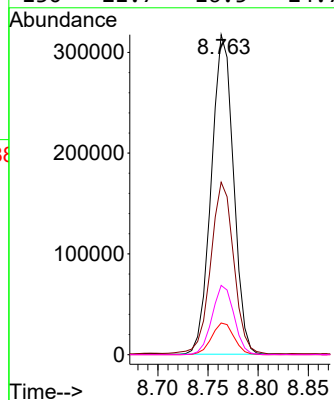
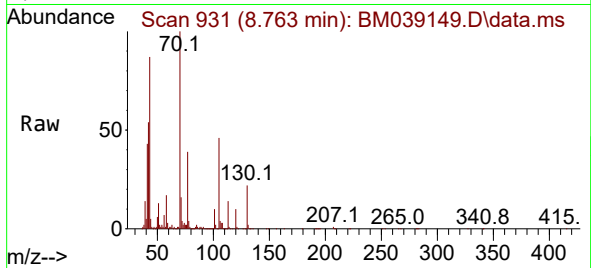




#19
n-Nitroso-di-n-propylamine
Concen: 34.513 ng
RT: 8.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

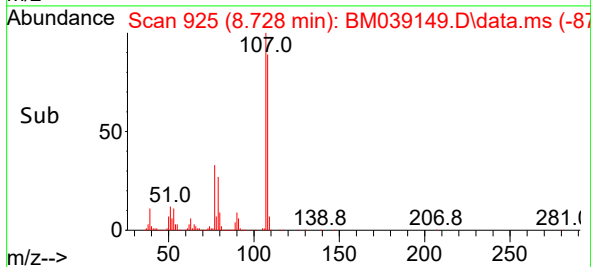
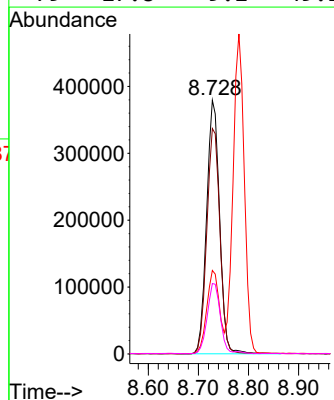
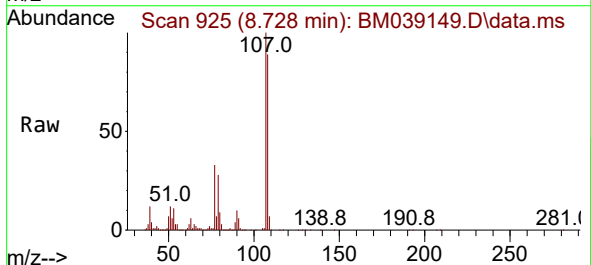
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

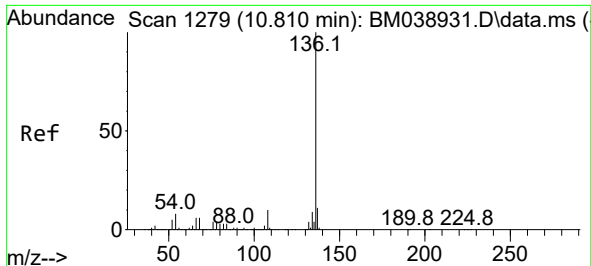
Tgt Ion:	70	Resp:	487963
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.4	65.2
101	9.9	7.6	11.4
130	21.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 31.134 ng
RT: 8.728 min Scan# 925
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:	107	Resp:	680738
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.8	111.8
77	32.9	13.6	53.6
79	27.8	9.2	49.2

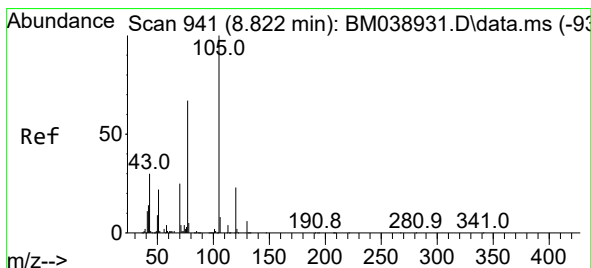
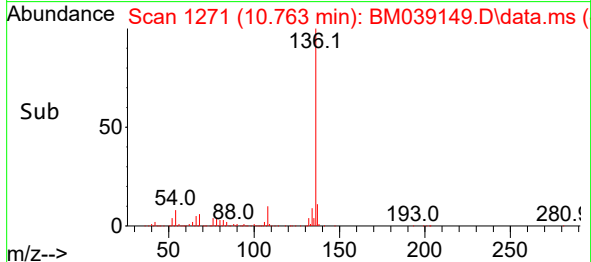
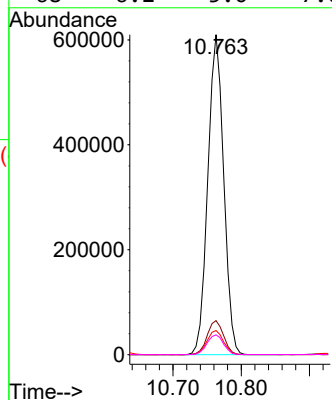
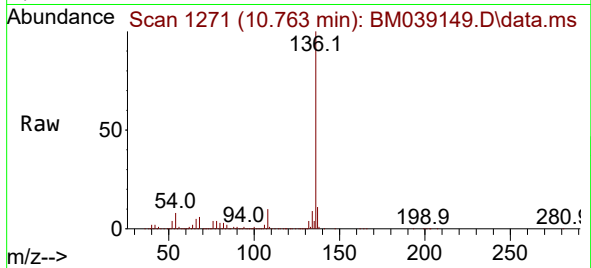




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

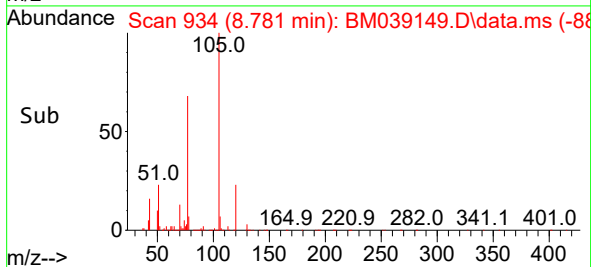
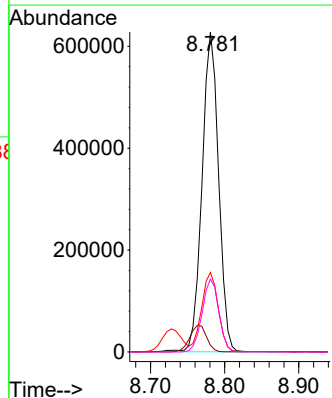
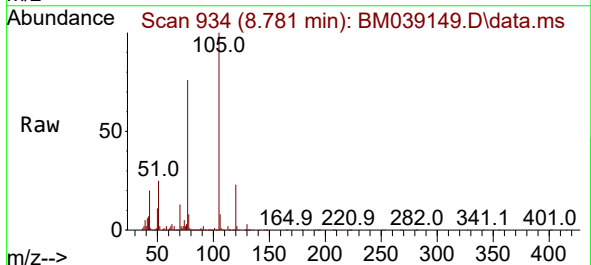
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

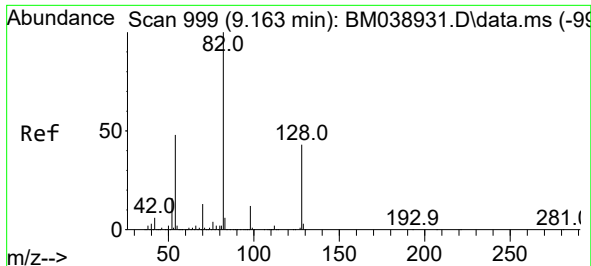
Tgt Ion:136 Resp: 988748
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.6 6.3 9.5
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 35.024 ng
RT: 8.781 min Scan# 934
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:105 Resp: 971600
Ion Ratio Lower Upper
105 100
71 2.1 3.4 5.0#
51 24.8 21.0 31.4
120 22.8 18.1 27.1

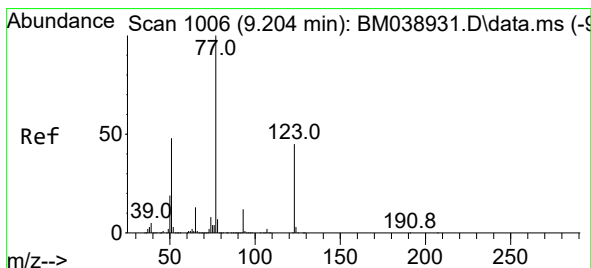
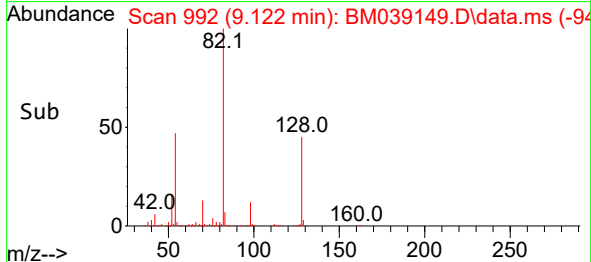
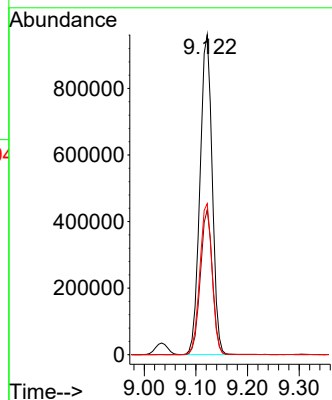
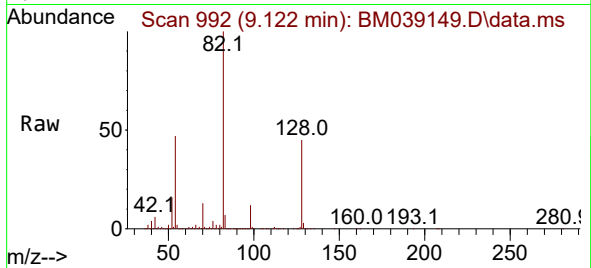




#23
Nitrobenzene-d5
Concen: 78.326 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

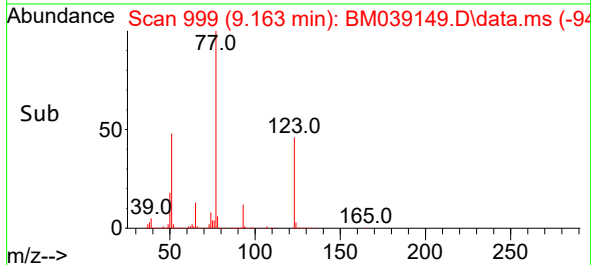
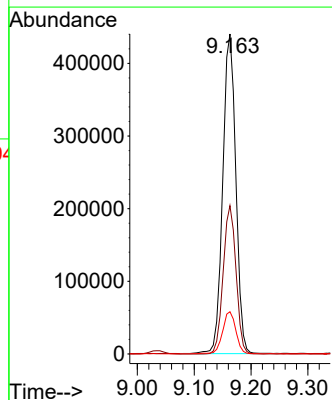
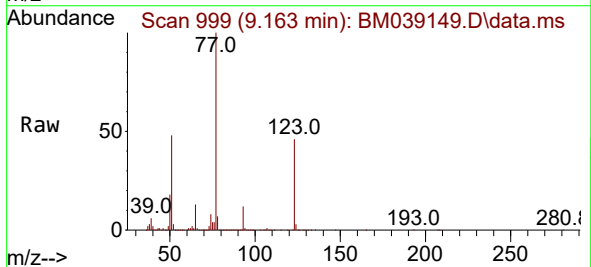
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

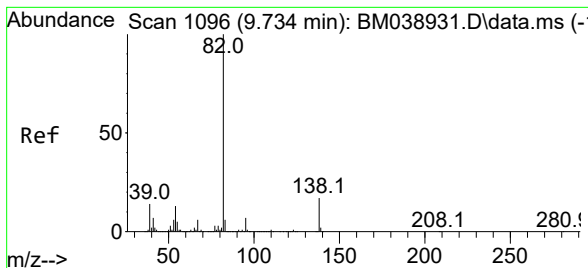
Tgt Ion: 82 Resp: 1576614
Ion Ratio Lower Upper
82 100
128 45.3 34.4 51.6
54 47.2 38.8 58.2



#24
Nitrobenzene
Concen: 33.358 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 77 Resp: 705740
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.6
65 13.2 10.2 15.4





#25

Isophorone

Concen: 36.324 ng

RT: 9.692 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

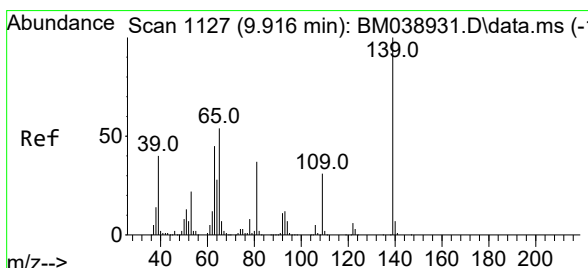
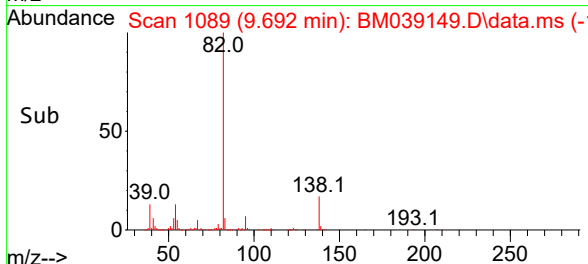
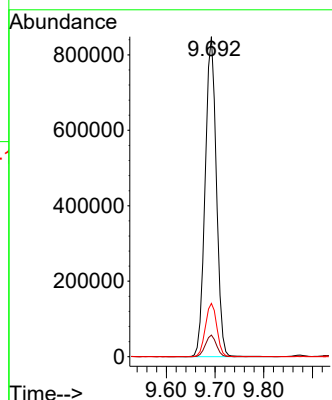
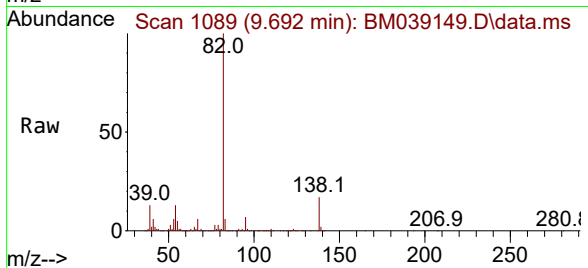
Tgt Ion: 82 Resp: 1345473

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 16.7 13.6 20.4



#26

2-Nitrophenol

Concen: 31.863 ng

RT: 9.875 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

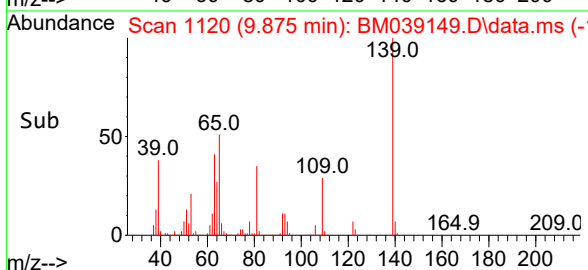
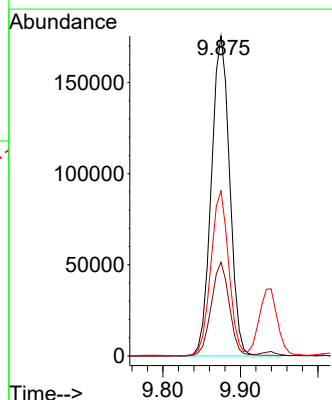
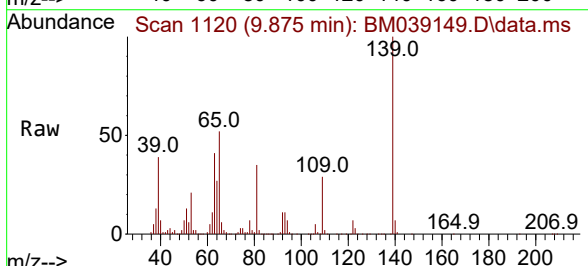
Tgt Ion: 139 Resp: 287637

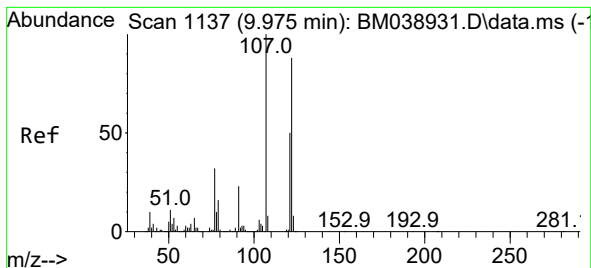
Ion Ratio Lower Upper

139 100

109 29.3 24.5 36.7

65 51.6 43.0 64.6

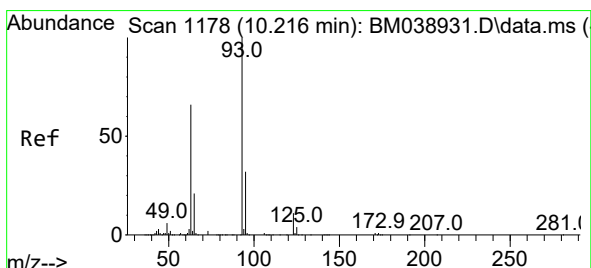
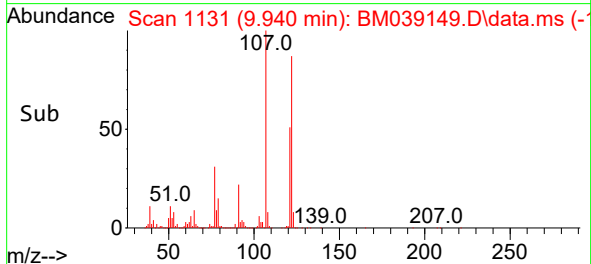
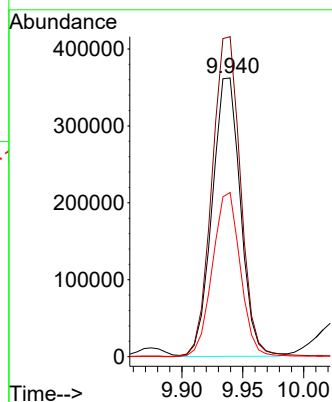
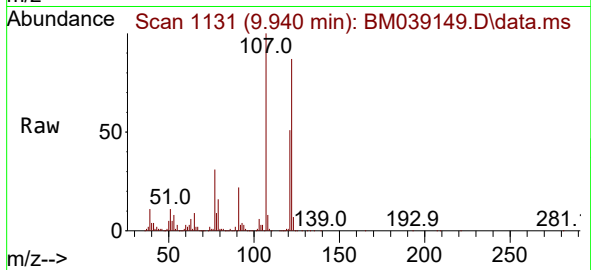




#27
2,4-Dimethylphenol
Concen: 36.312 ng
RT: 9.940 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

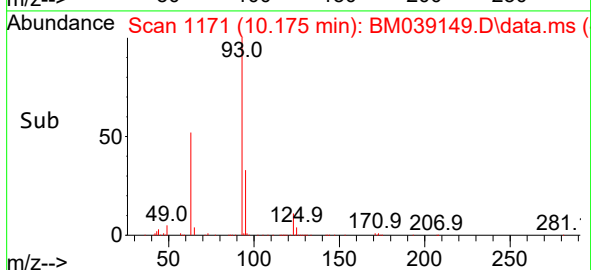
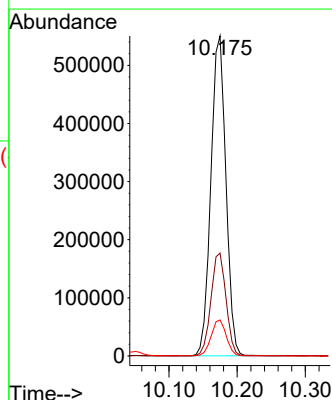
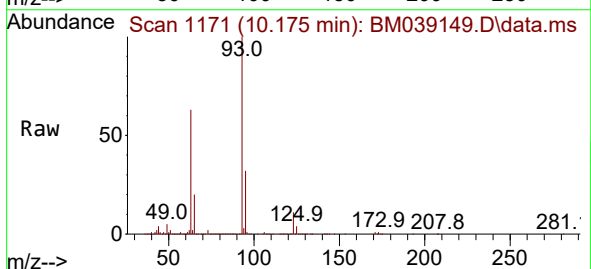
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

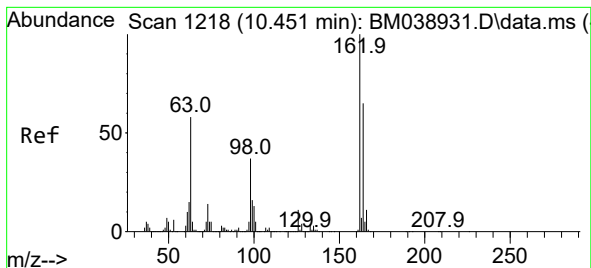
Tgt Ion:122 Resp: 586068
Ion Ratio Lower Upper
122 100
107 114.8 91.0 136.4
121 58.9 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 35.475 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion: 93 Resp: 844311
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 35.482 ng

RT: 10.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

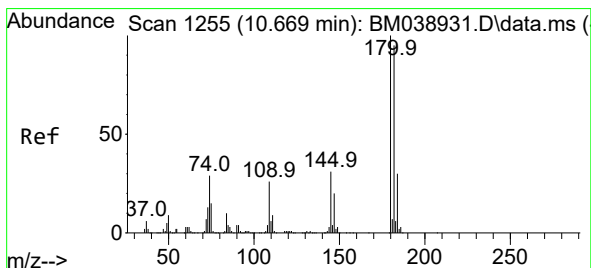
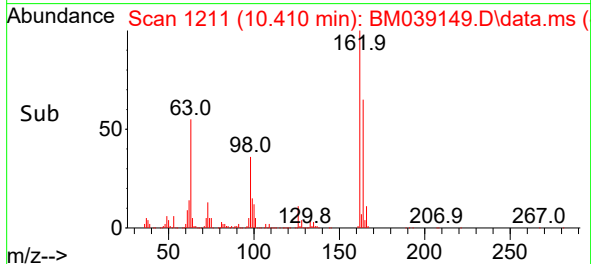
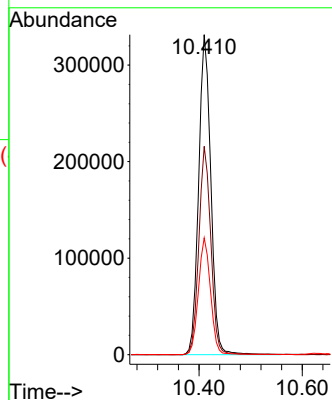
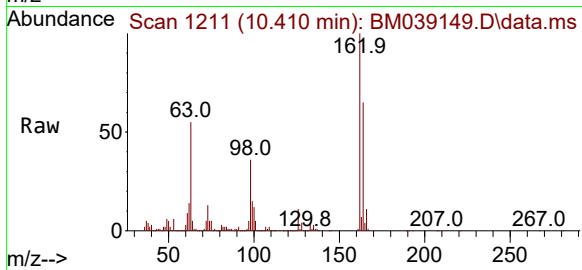
Tgt Ion:162 Resp: 542938

Ion Ratio Lower Upper

162 100

164 65.1 44.6 84.6

98 36.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 34.447 ng

RT: 10.628 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

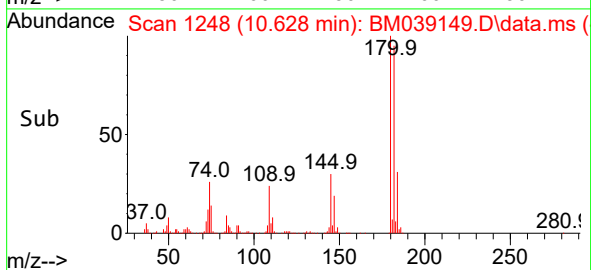
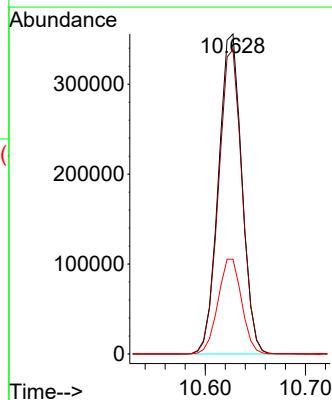
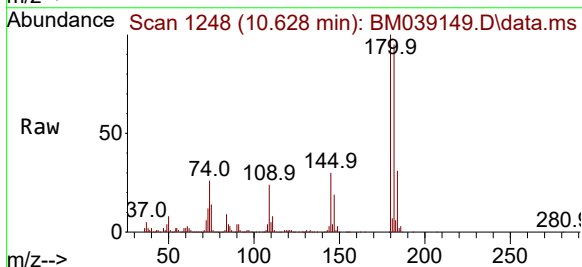
Tgt Ion:180 Resp: 575999

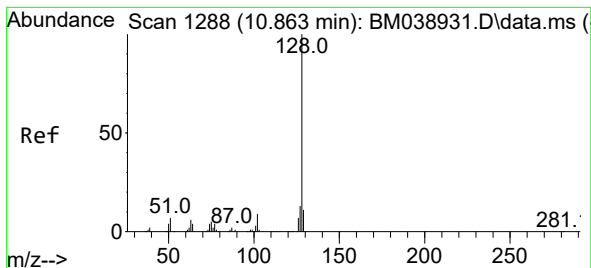
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 29.6 25.0 37.4

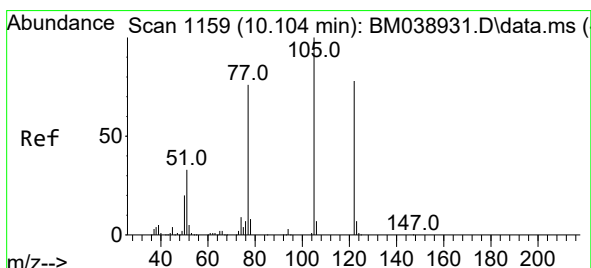
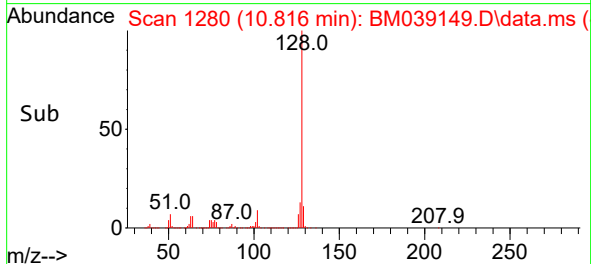
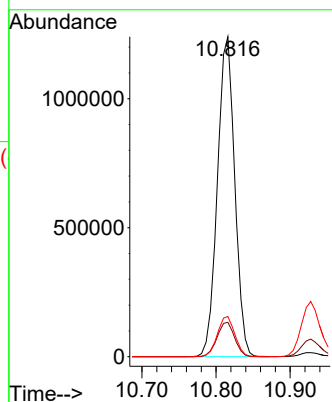
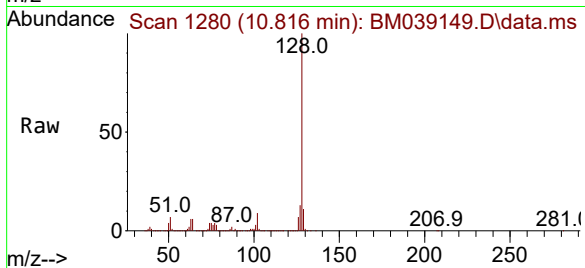




#31
Naphthalene
Concen: 35.730 ng
RT: 10.816 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

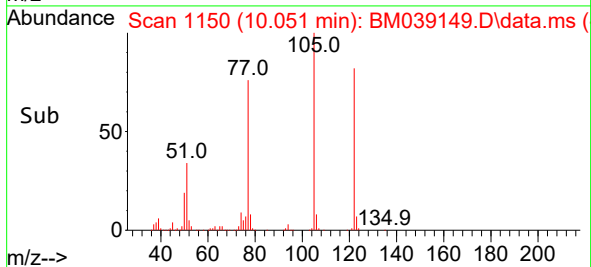
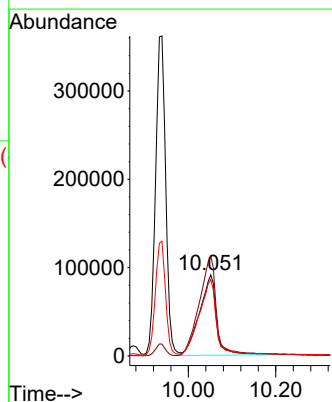
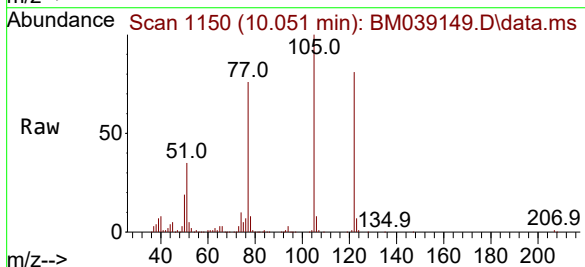
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

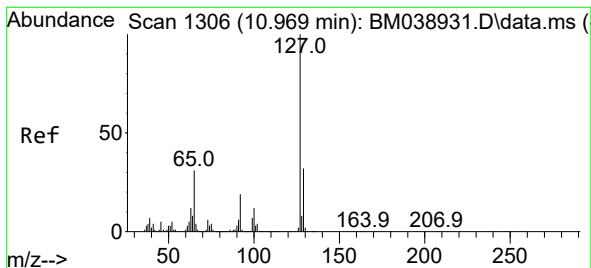
Tgt Ion:128 Resp: 2014448
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.6 10.2 15.4



#32
Benzoic acid
Concen: 24.221 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.041 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:122 Resp: 248628
Ion Ratio Lower Upper
122 100
105 123.2 104.2 144.2
77 94.1 75.1 115.1





#33

4-Chloroaniline

Concen: 16.392 ng

RT: 10.928 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

Tgt Ion:127 Resp: 393859

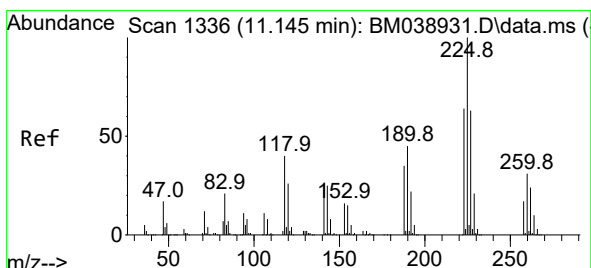
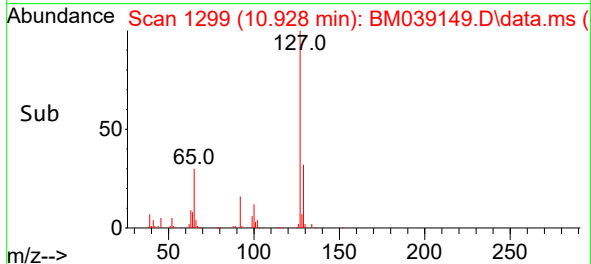
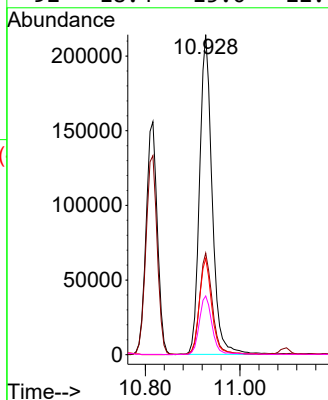
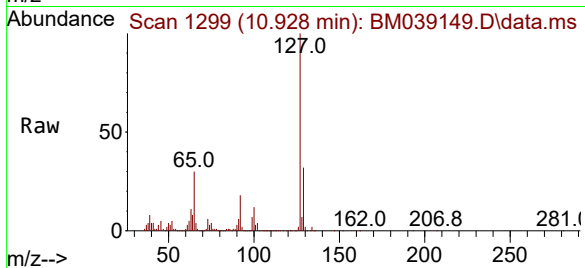
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 30.1 24.4 36.6

92 18.4 15.0 22.4



#34

Hexachlorobutadiene

Concen: 34.367 ng

RT: 11.098 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

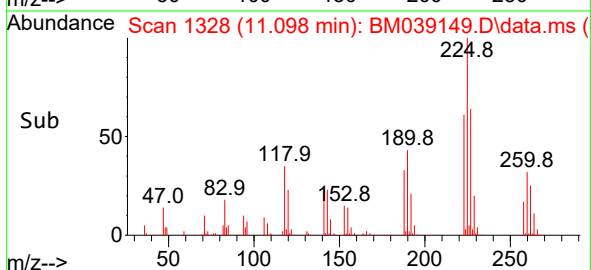
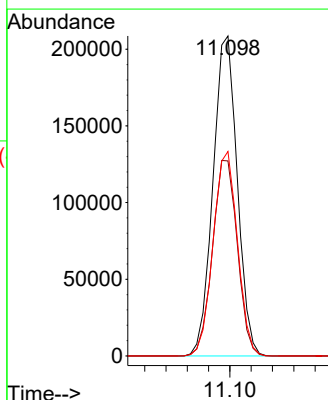
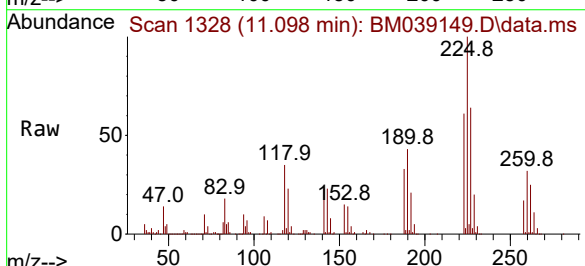
Tgt Ion:225 Resp: 329549

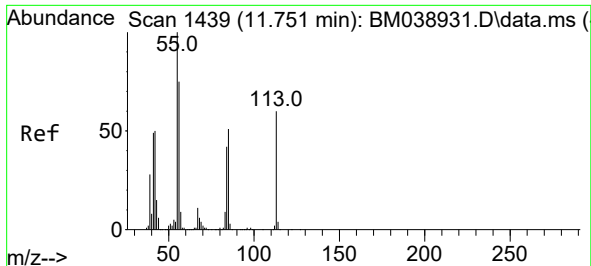
Ion Ratio Lower Upper

225 100

223 60.9 51.3 76.9

227 63.9 50.6 76.0

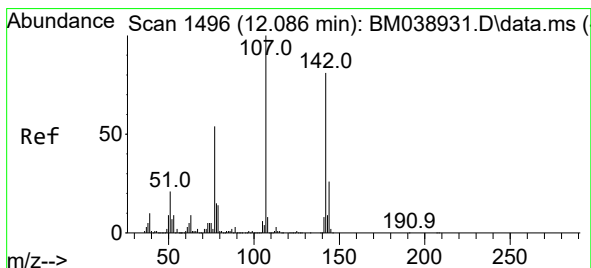
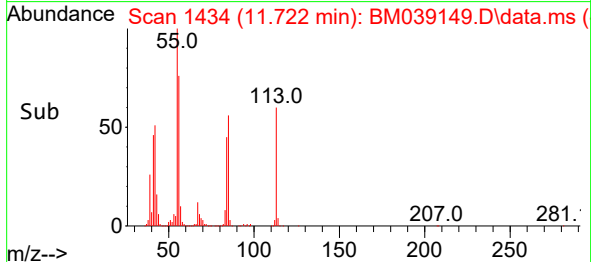
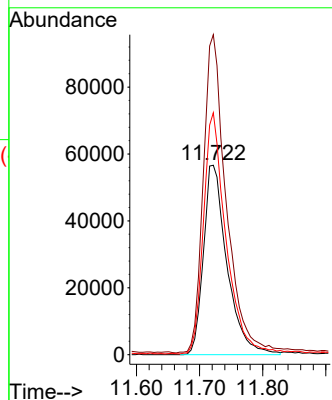
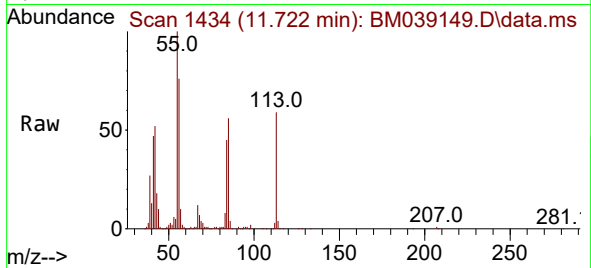




#35
Caprolactam
Concen: 31.483 ng
RT: 11.722 min Scan# 1439
Delta R.T. -0.017 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

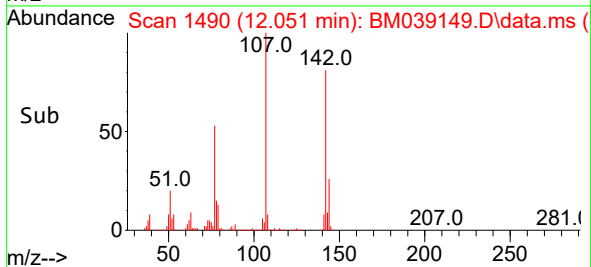
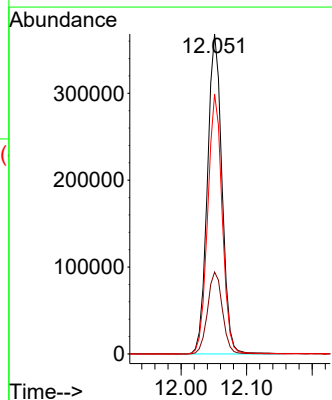
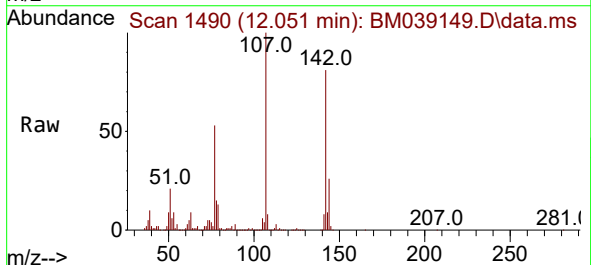
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

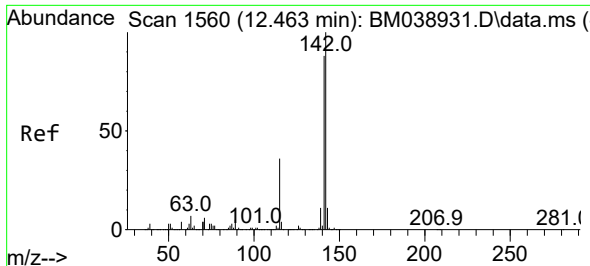
Tgt Ion:113 Resp: 146623
Ion Ratio Lower Upper
113 100
55 168.9 147.0 187.0
56 127.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 34.993 ng
RT: 12.051 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:107 Resp: 570181
Ion Ratio Lower Upper
107 100
144 25.6 20.7 31.1
142 81.3 64.6 97.0

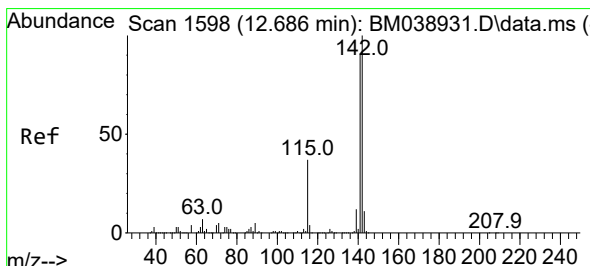
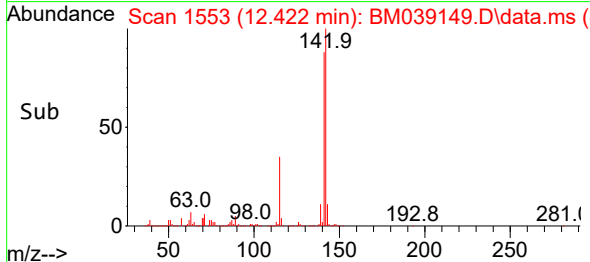
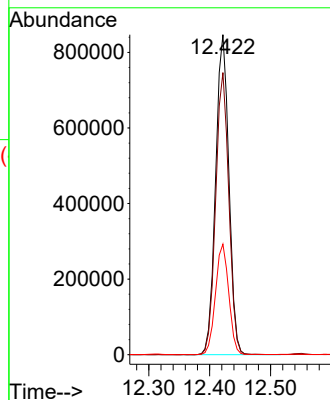
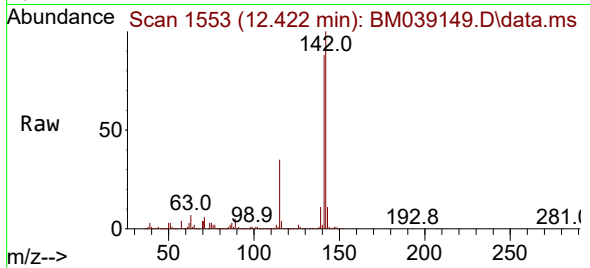




#37
2-Methylnaphthalene
Concen: 33.910 ng
RT: 12.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

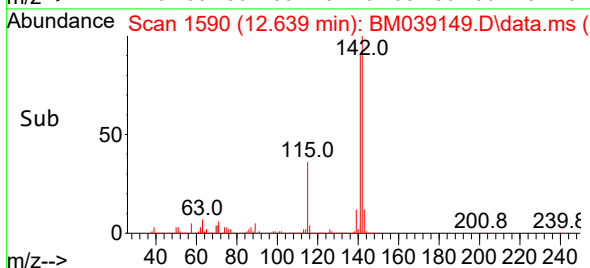
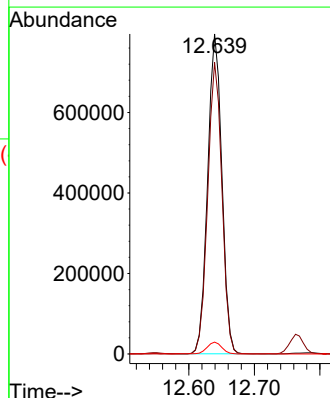
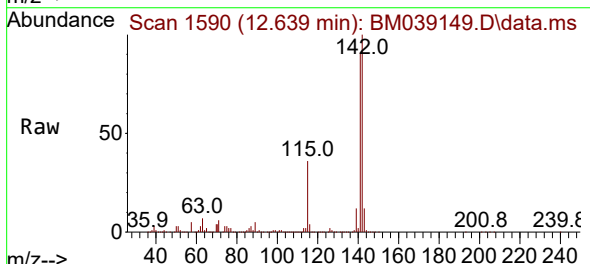
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

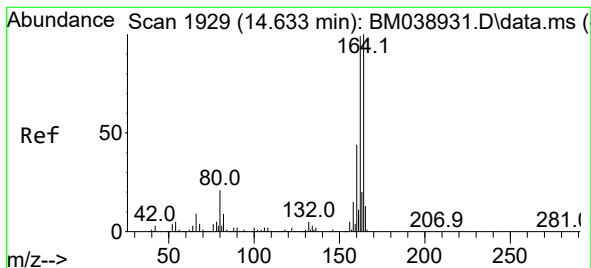
Tgt Ion:142 Resp: 1281411
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0
115 34.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 33.921 ng
RT: 12.639 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:142 Resp: 1201245
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

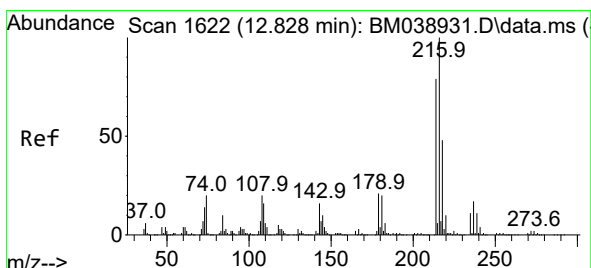
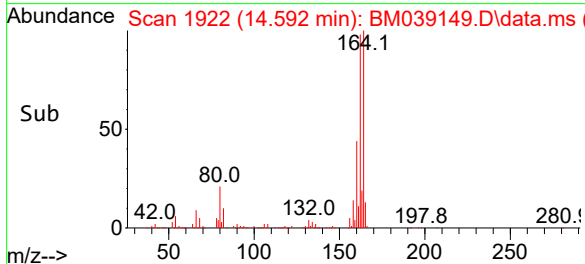
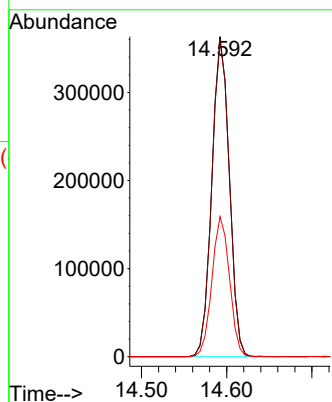
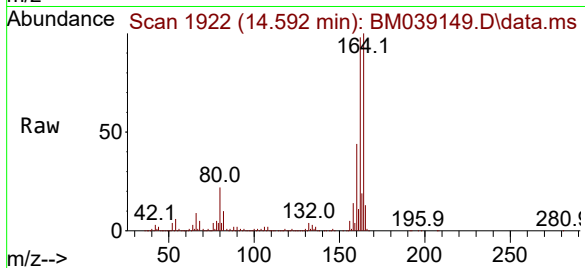
Tgt Ion:164 Resp: 516199

Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

160 43.8 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.494 ng

RT: 12.786 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Tgt Ion:216 Resp: 629206

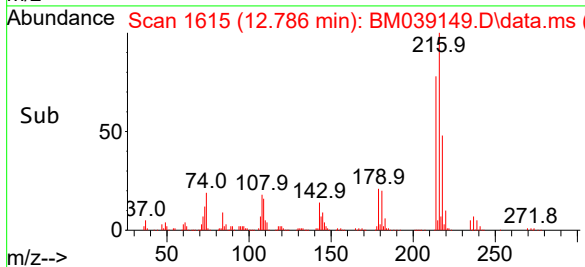
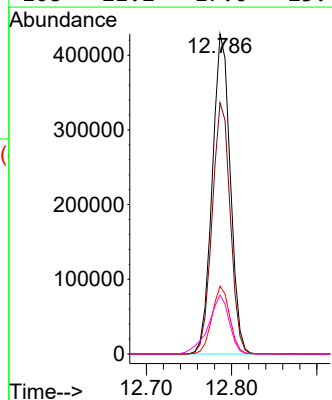
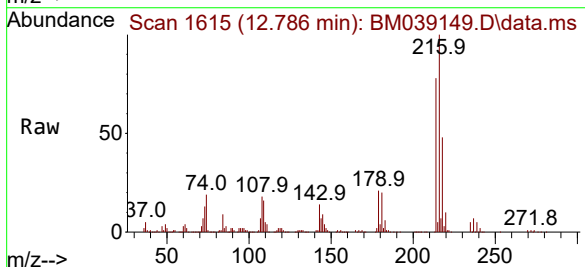
Ion Ratio Lower Upper

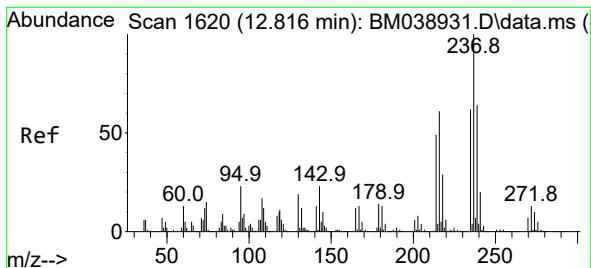
216 100

214 78.8 63.0 94.4

179 20.9 16.8 25.2

108 21.2 17.0 25.4

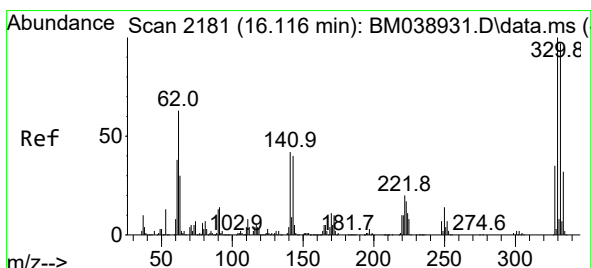
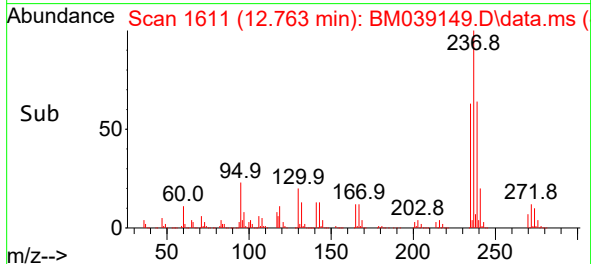
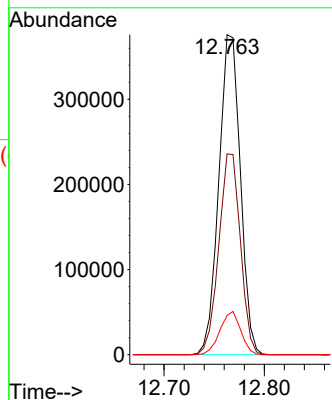
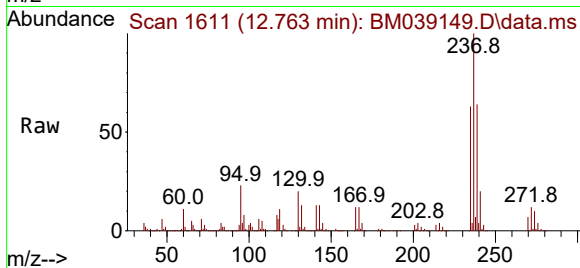




#41
Hexachlorocyclopentadiene
Concen: 60.925 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

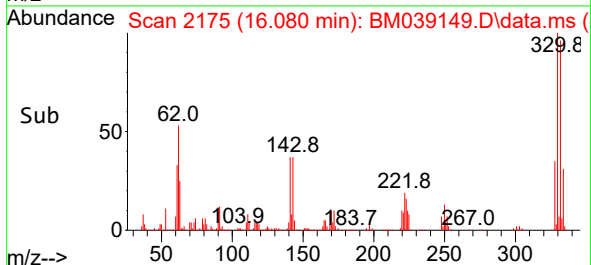
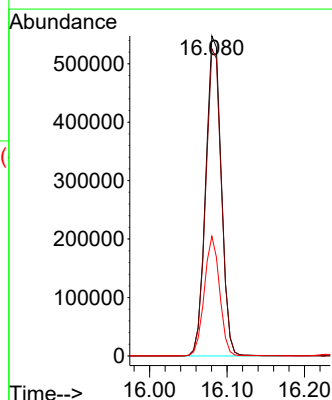
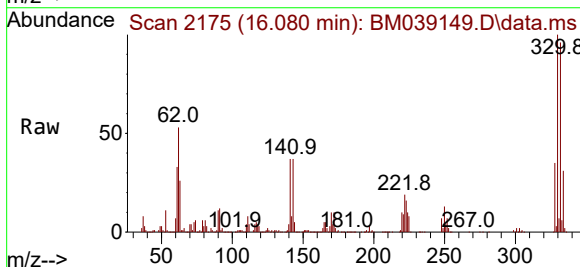
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

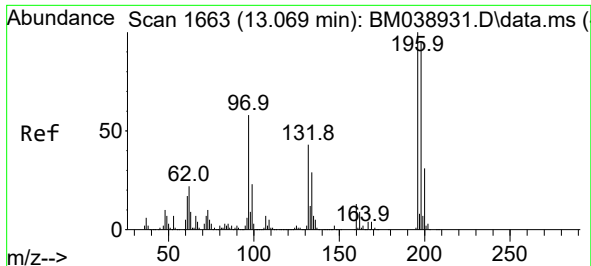
Tgt Ion:237 Resp: 561205
Ion Ratio Lower Upper
237 100
235 62.8 41.7 81.7
272 12.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 127.825 ng
RT: 16.080 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:330 Resp: 763318
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 36.8 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 38.390 ng

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

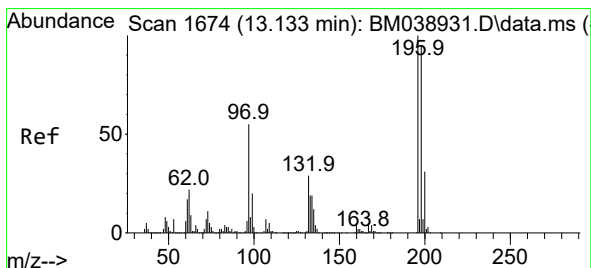
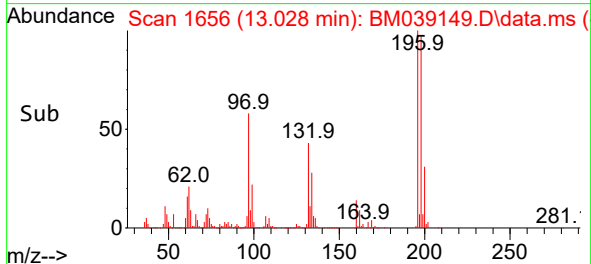
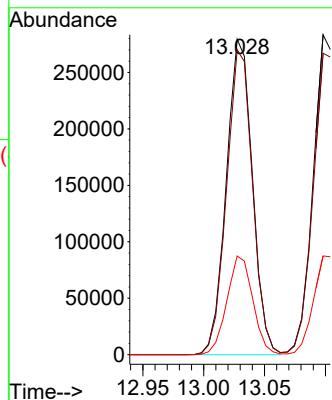
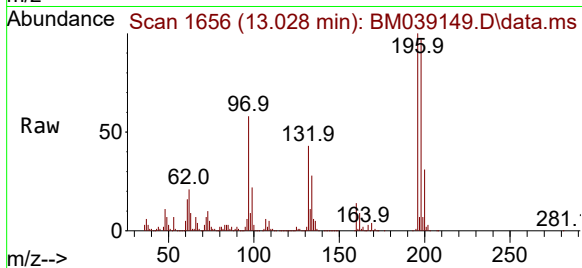
Tgt Ion:196 Resp: 417176

Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.8

200 31.3 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 33.748 ng

RT: 13.098 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Tgt Ion:196 Resp: 429258

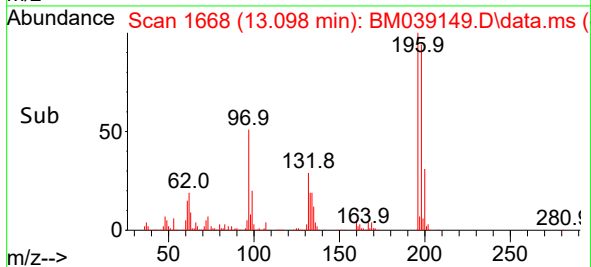
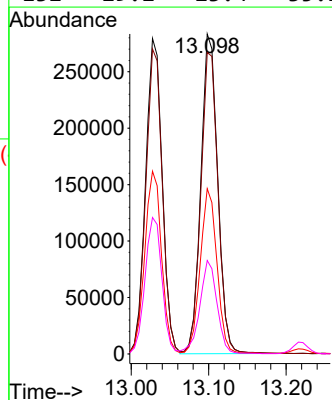
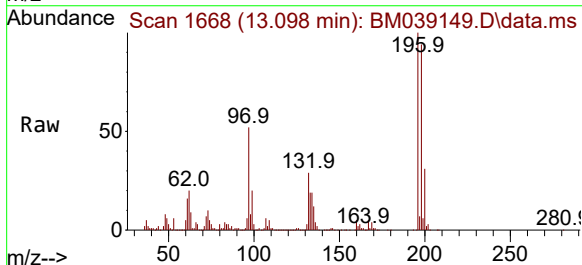
Ion Ratio Lower Upper

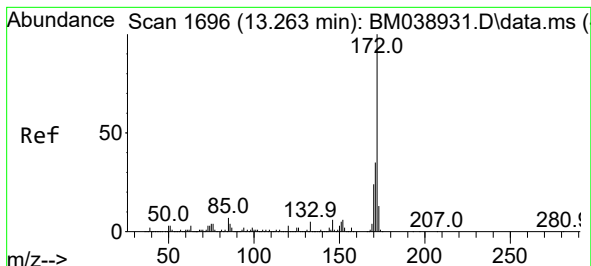
196 100

198 94.2 76.3 114.5

97 51.6 44.2 66.4

132 29.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 81.581 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

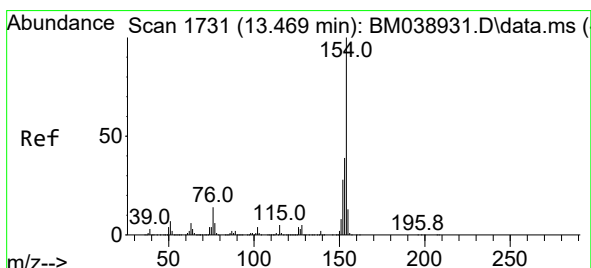
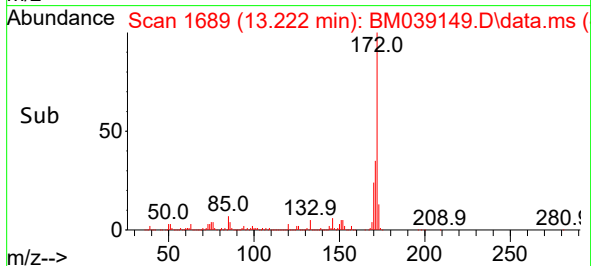
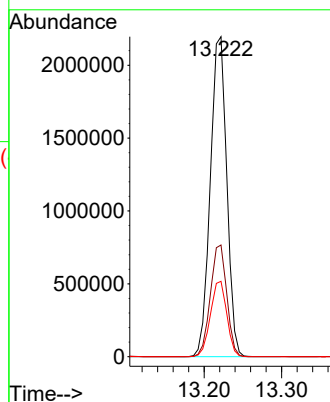
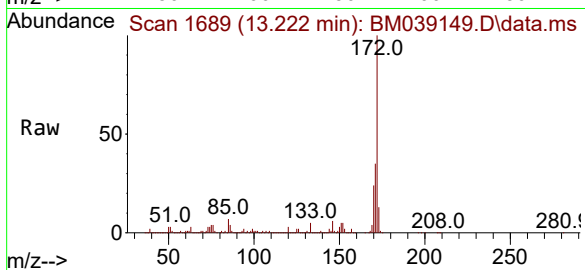
Tgt Ion:172 Resp: 3234902

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.343 ng

RT: 13.428 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

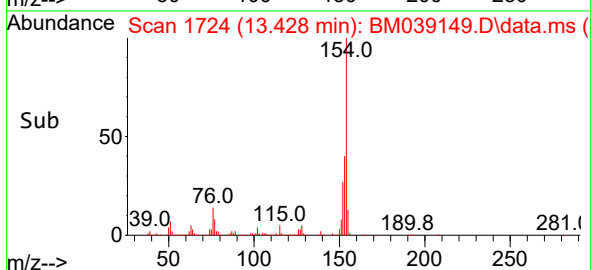
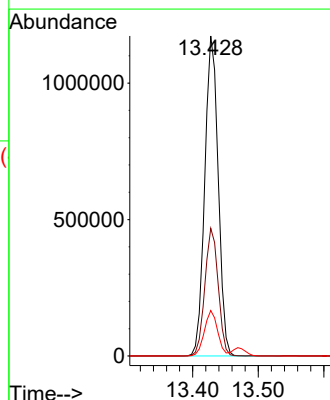
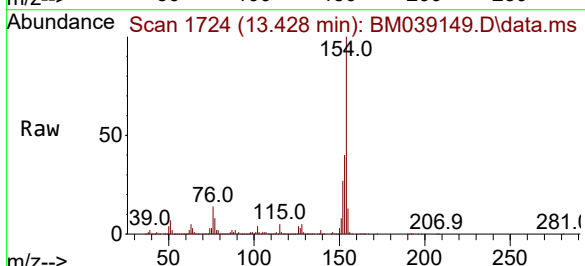
Tgt Ion:154 Resp: 1676782

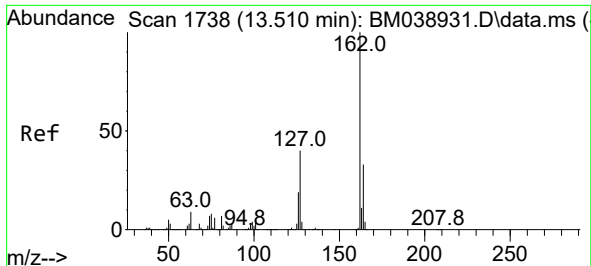
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 37.979 ng

RT: 13.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

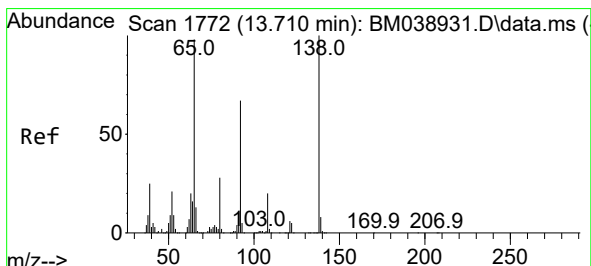
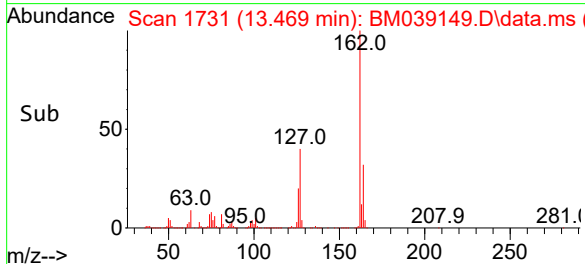
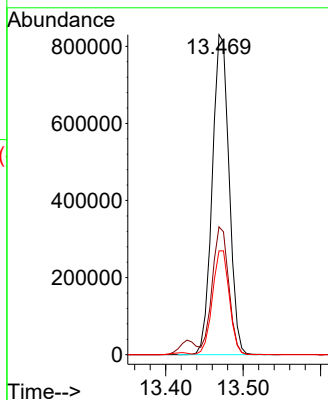
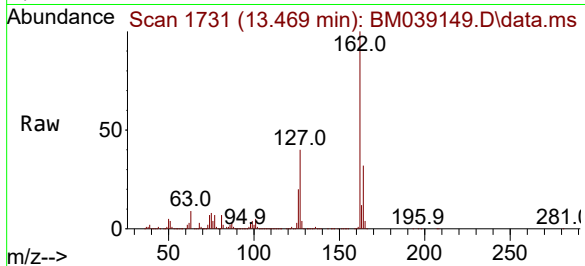
Tgt Ion:162 Resp: 1252418

Ion Ratio Lower Upper

162 100

127 40.0 32.1 48.1

164 32.5 26.2 39.4



#48

2-Nitroaniline

Concen: 37.457 ng

RT: 13.675 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

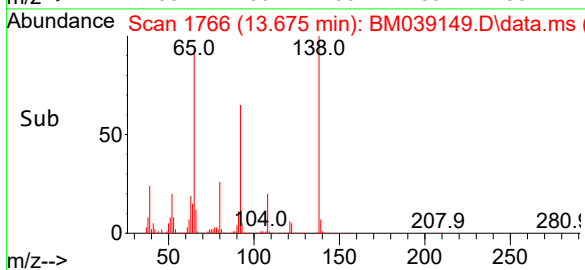
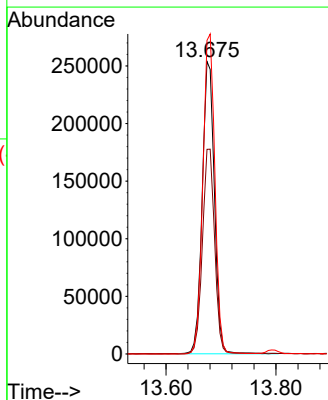
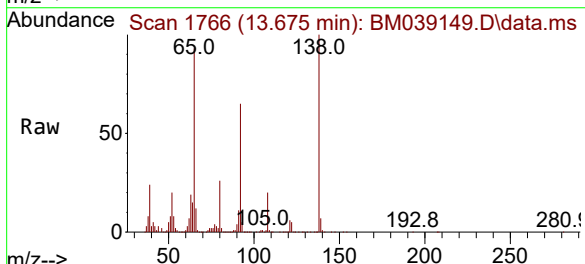
Tgt Ion: 65 Resp: 390086

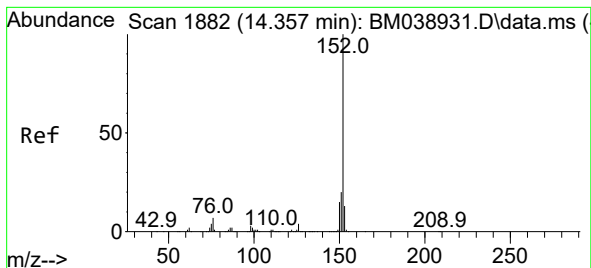
Ion Ratio Lower Upper

65 100

92 70.0 54.9 82.3

138 107.2 81.6 122.4





#49

Acenaphthylene

Concen: 37.235 ng

RT: 14.316 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

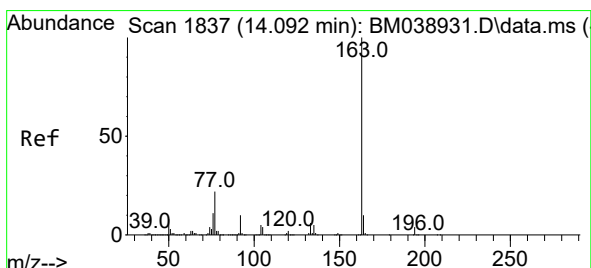
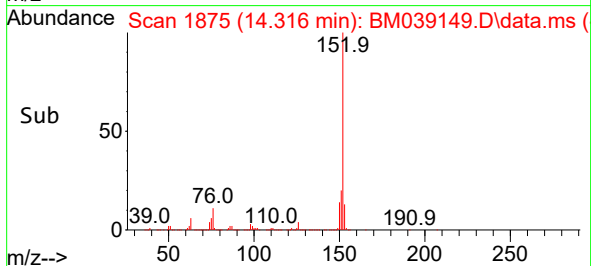
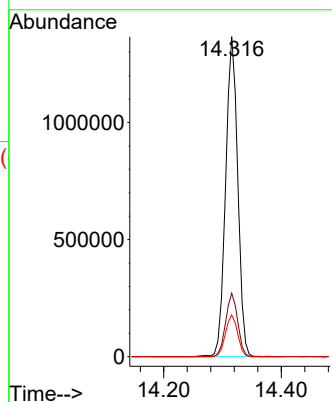
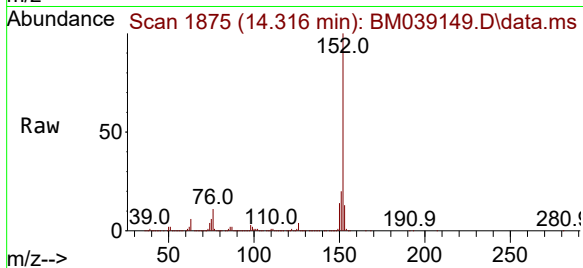
Tgt Ion:152 Resp: 1955840

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 37.810 ng

RT: 14.051 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

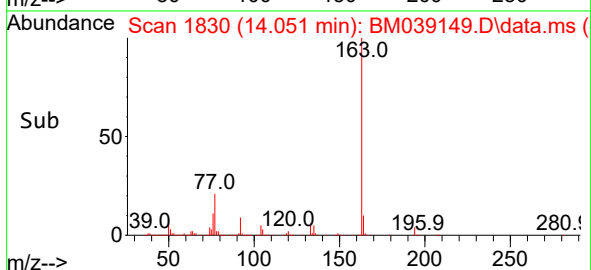
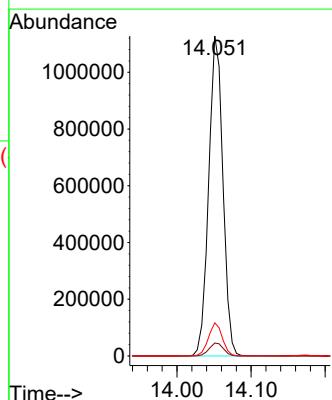
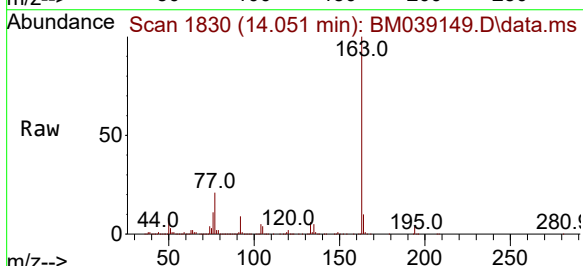
Tgt Ion:163 Resp: 1501864

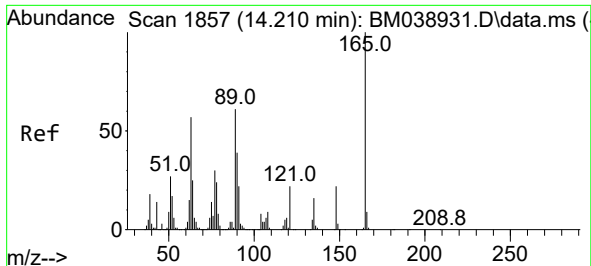
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 37.479 ng

RT: 14.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

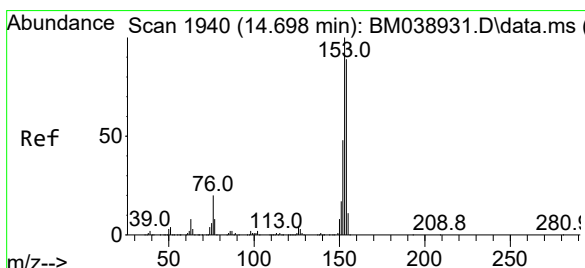
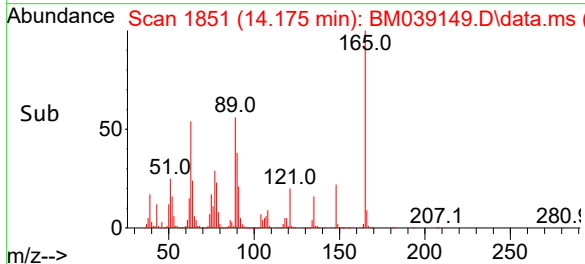
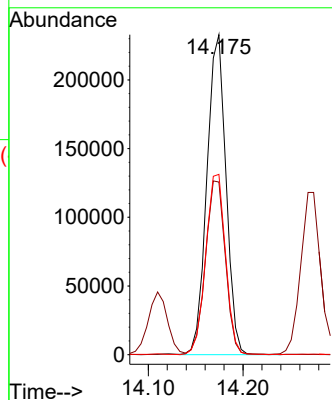
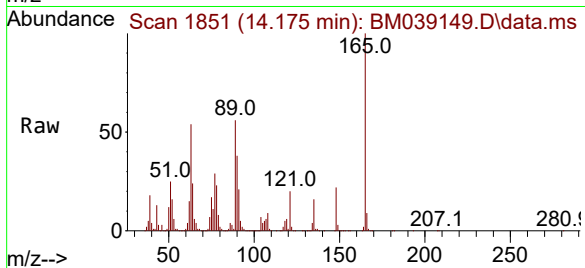
Tgt Ion:165 Resp: 326264

Ion Ratio Lower Upper

165 100

63 53.9 46.6 70.0

89 56.3 48.6 73.0



#52

Acenaphthene

Concen: 36.785 ng

RT: 14.657 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

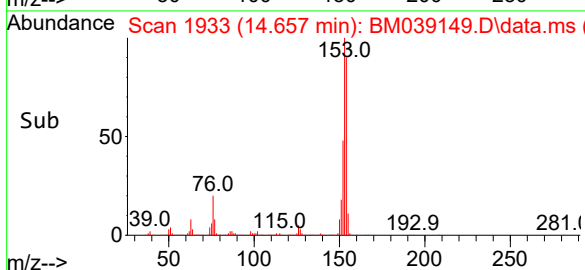
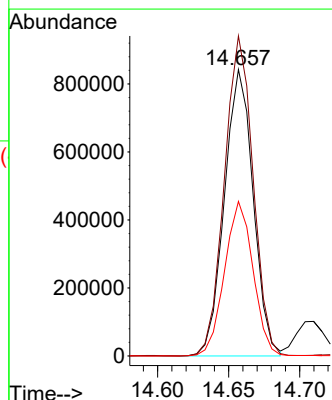
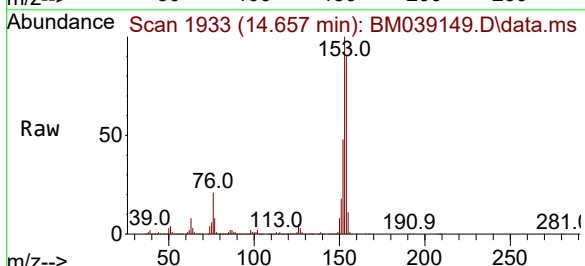
Tgt Ion:154 Resp: 1187451

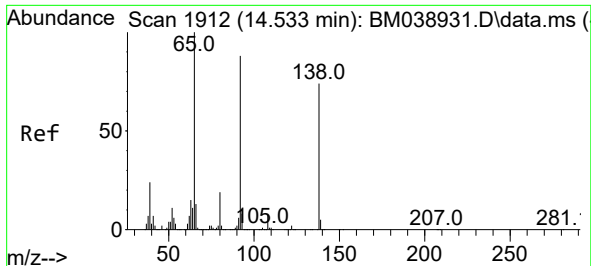
Ion Ratio Lower Upper

154 100

153 111.7 90.2 135.2

152 54.0 43.4 65.2

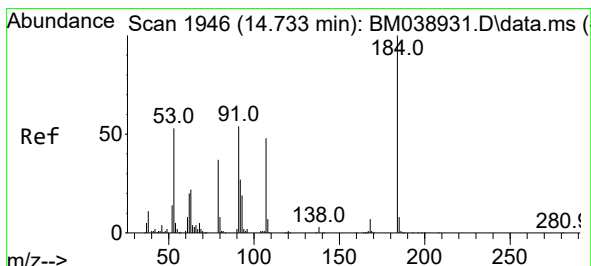
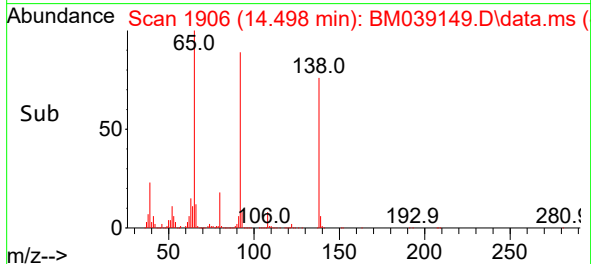
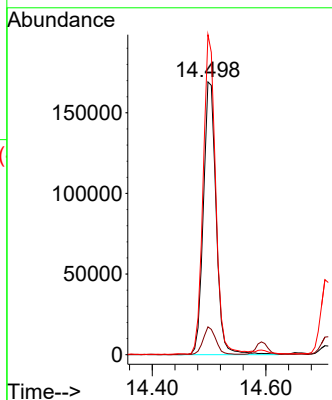
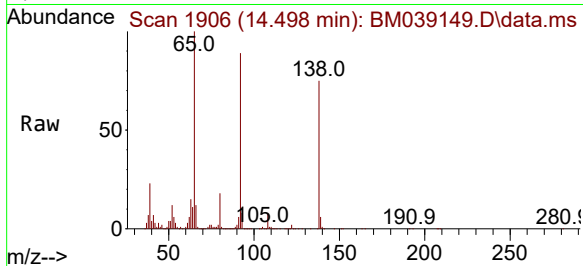




#53
3-Nitroaniline
Concen: 26.407 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

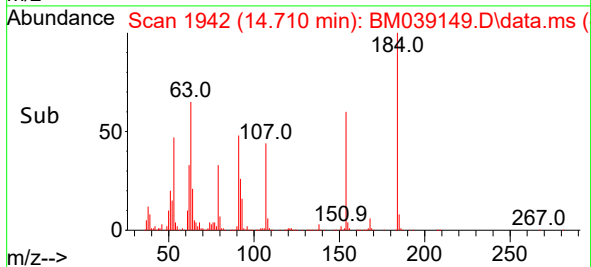
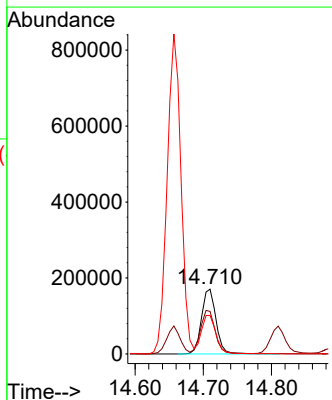
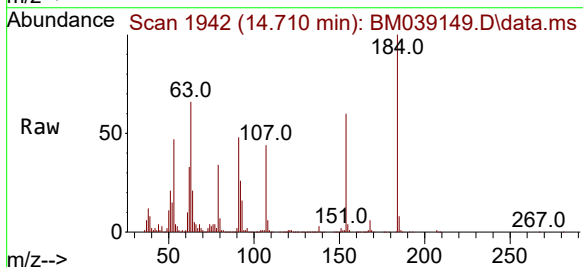
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

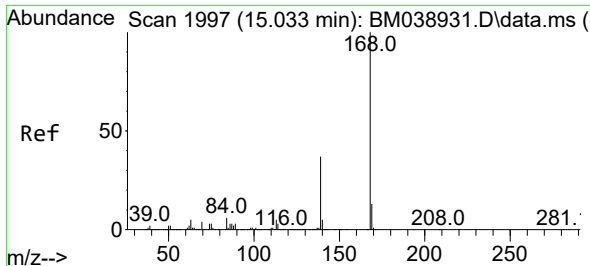
Tgt Ion:138 Resp: 263585
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 117.3 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 52.041 ng
RT: 14.710 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:184 Resp: 252964
Ion Ratio Lower Upper
184 100
63 65.7 60.6 90.8
154 59.6 51.4 77.2

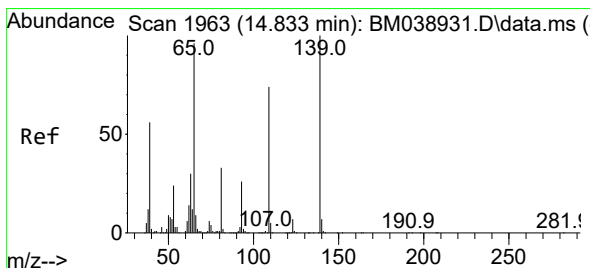
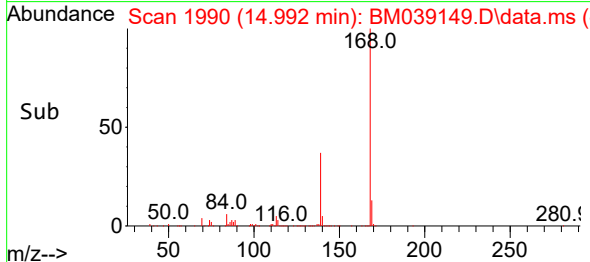
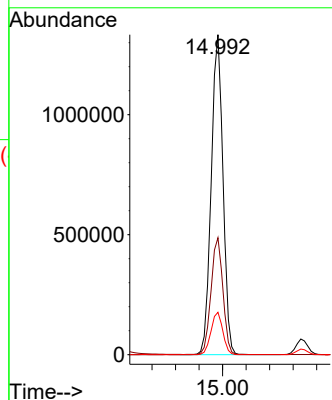
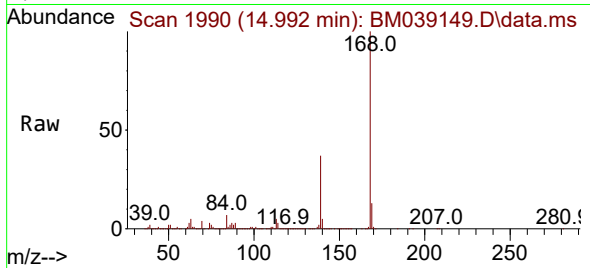




#55
Dibenzofuran
Concen: 36.714 ng
RT: 14.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

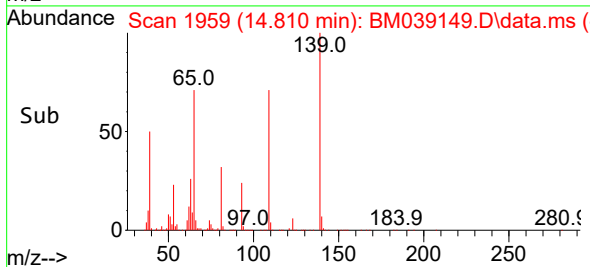
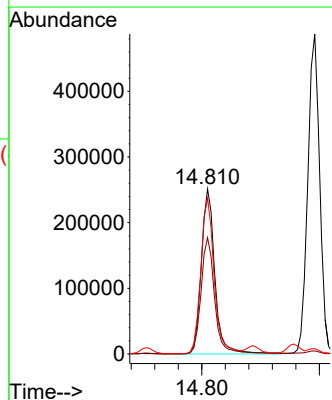
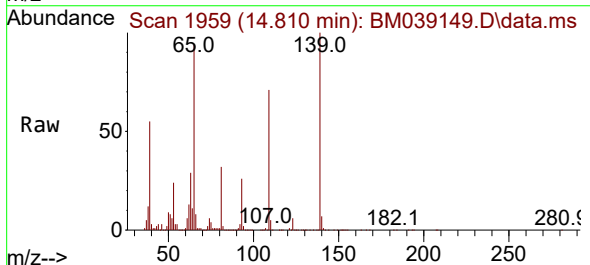
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

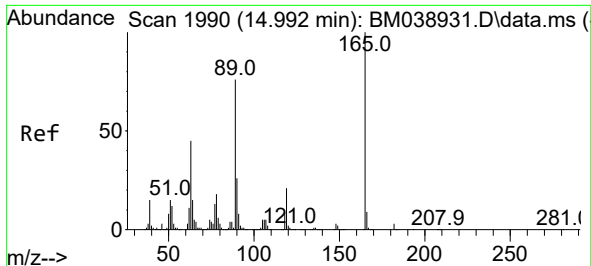
Tgt Ion:168 Resp: 1854582
Ion Ratio Lower Upper
168 100
139 36.6 29.9 44.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 50.638 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:139 Resp: 399468
Ion Ratio Lower Upper
139 100
109 70.6 53.5 93.5
65 94.4 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 34.947 ng

RT: 14.957 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

Tgt Ion:165 Resp: 397202

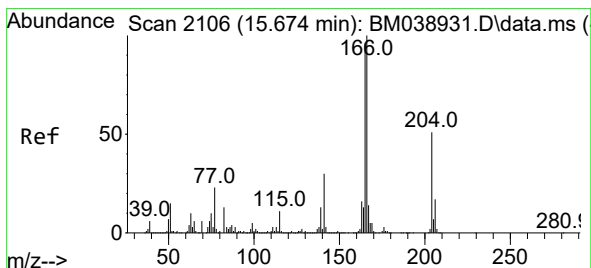
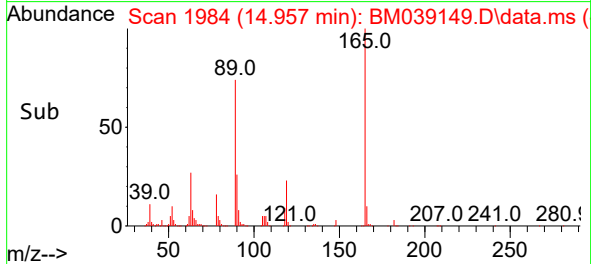
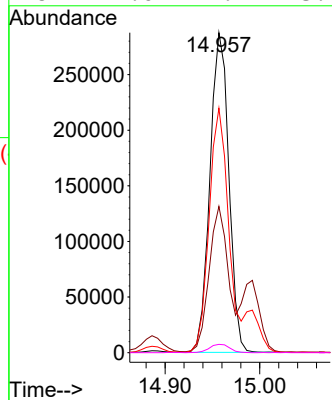
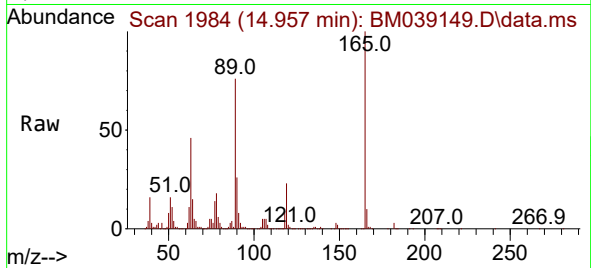
Ion Ratio Lower Upper

165 100

63 45.7 35.9 53.9

89 76.4 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 37.066 ng

RT: 15.639 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

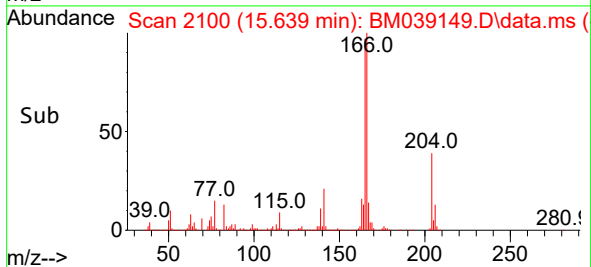
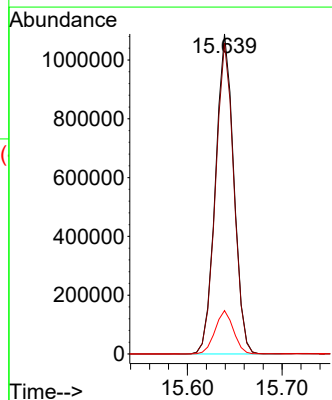
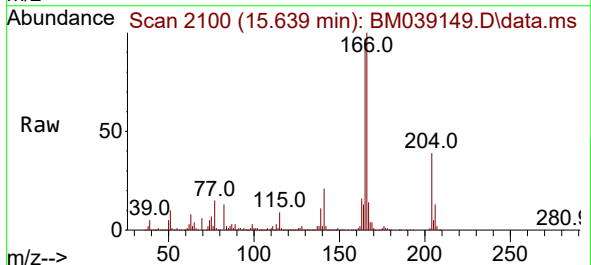
Tgt Ion:166 Resp: 1466704

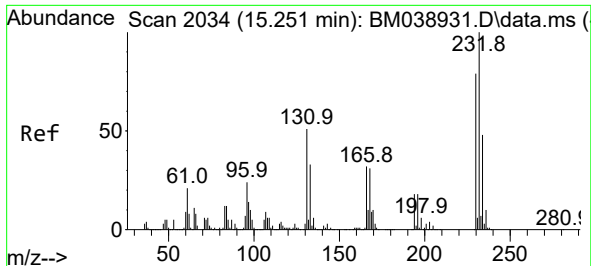
Ion Ratio Lower Upper

166 100

165 97.2 77.1 115.7

167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.794 ng

RT: 15.216 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

Tgt Ion:232 Resp: 360940

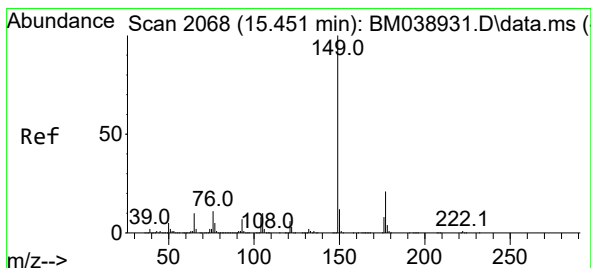
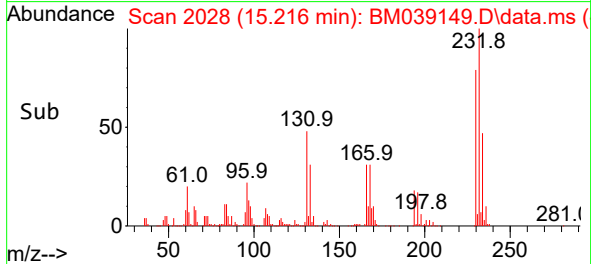
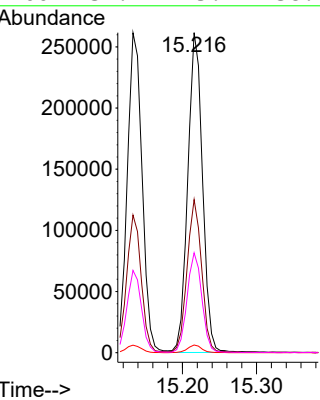
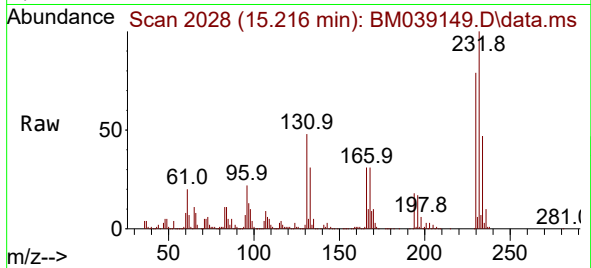
Ion Ratio Lower Upper

232 100

131 47.1 40.0 60.0

130 2.3 2.0 3.0

166 31.2 25.4 38.0



#60

Diethylphthalate

Concen: 37.830 ng

RT: 15.410 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

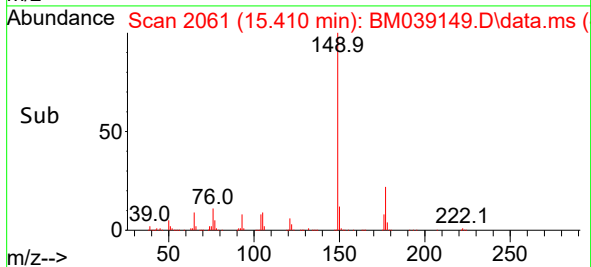
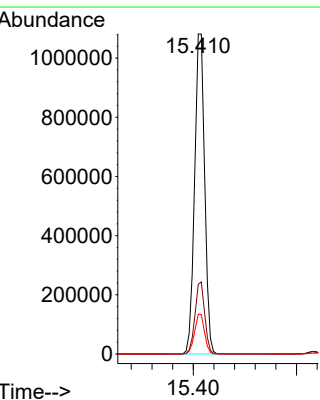
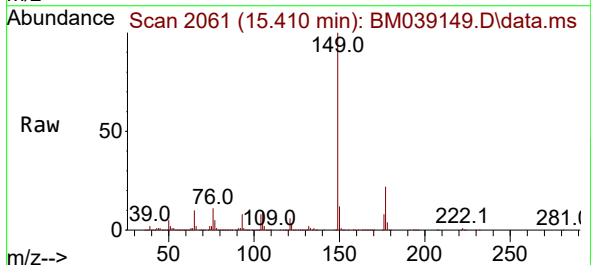
Tgt Ion:149 Resp: 1462089

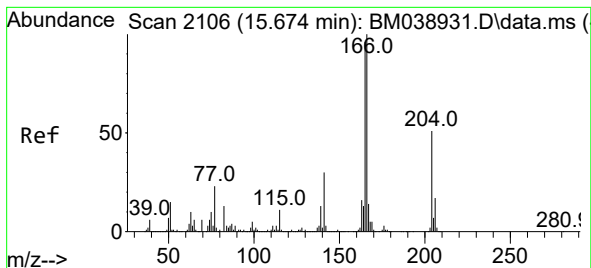
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.4 9.7 14.5

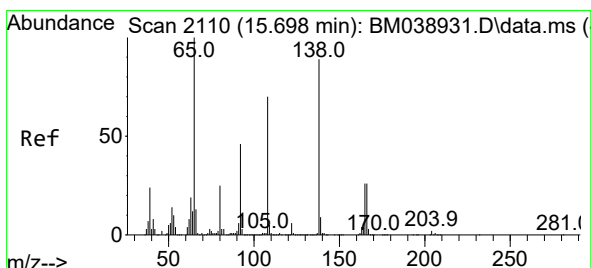
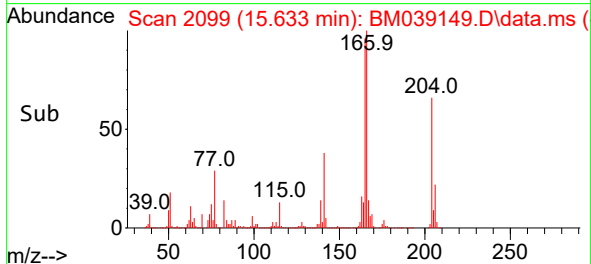
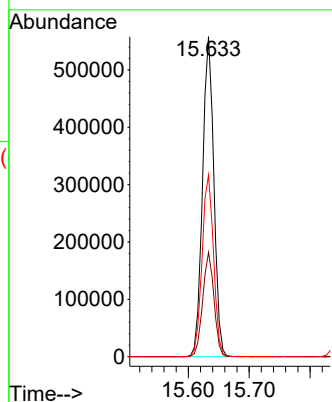
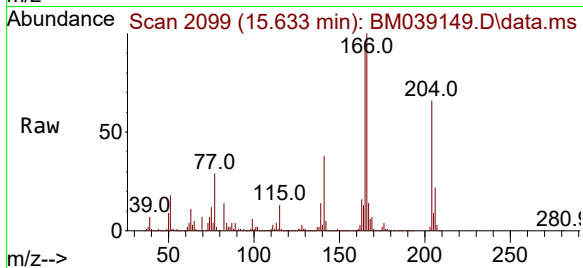




#61
4-Chlorophenyl-phenylether
Concen: 37.045 ng
RT: 15.633 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

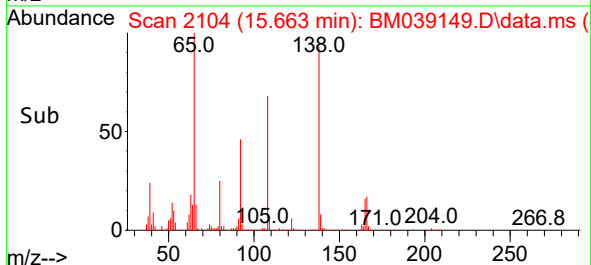
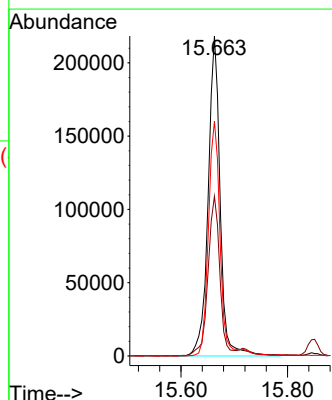
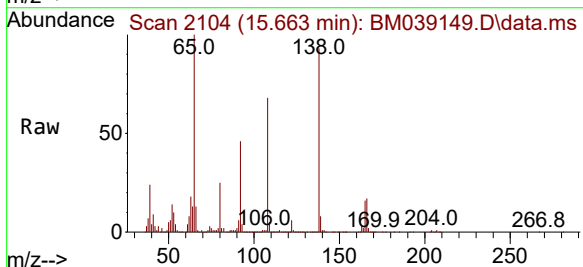
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

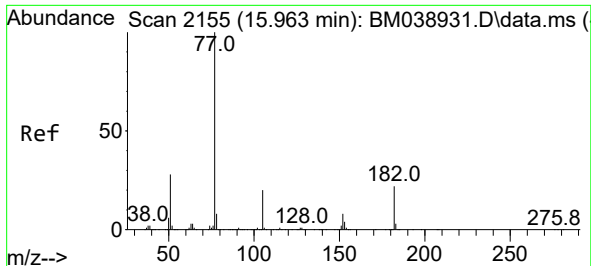
Tgt Ion:204 Resp: 720128
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 56.7 46.4 69.6



#62
4-Nitroaniline
Concen: 33.263 ng
RT: 15.663 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:138 Resp: 341854
Ion Ratio Lower Upper
138 100
92 49.9 31.6 71.6
108 73.4 58.6 98.6



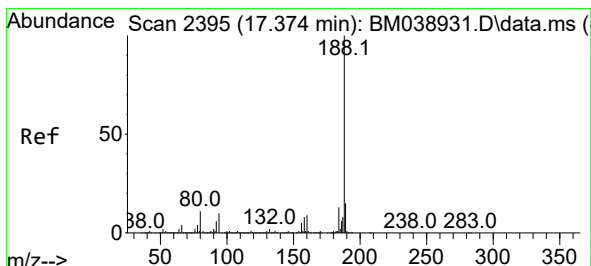
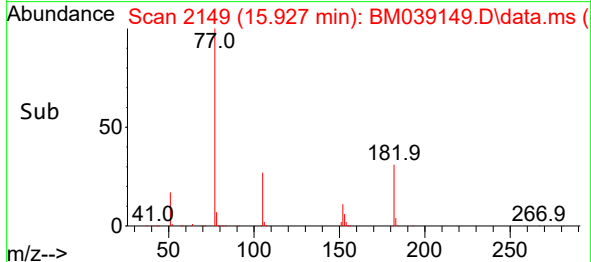
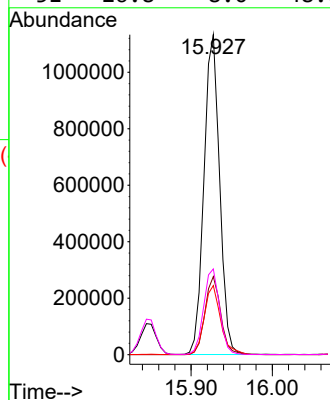
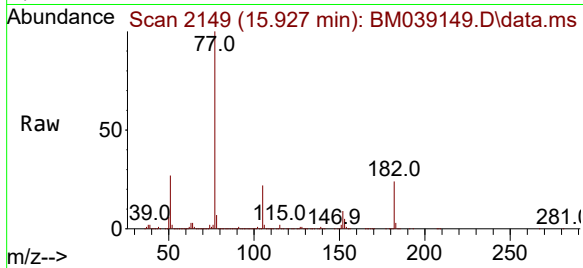


#63
Azobenzene
Concen: 37.032 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

Tgt Ion: 77 Resp: 1514410

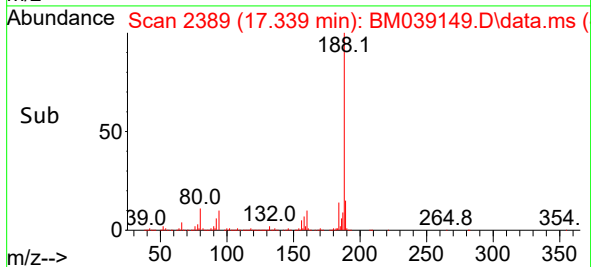
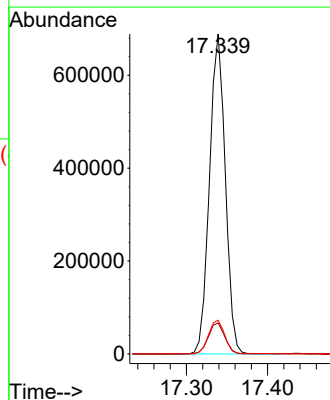
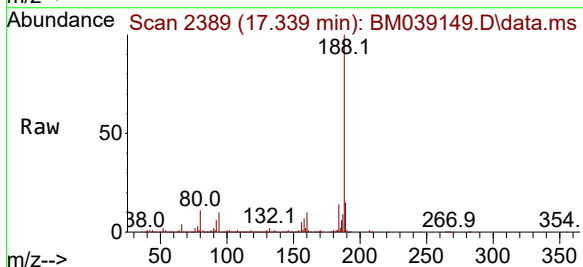
Ion	Ratio	Lower	Upper
77	100		
182	24.4	2.0	42.0
105	21.6	0.4	40.4
51	26.8	8.0	48.0

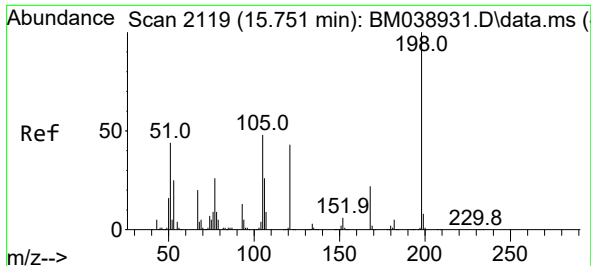


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:188 Resp: 930721

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.6	8.5	12.7

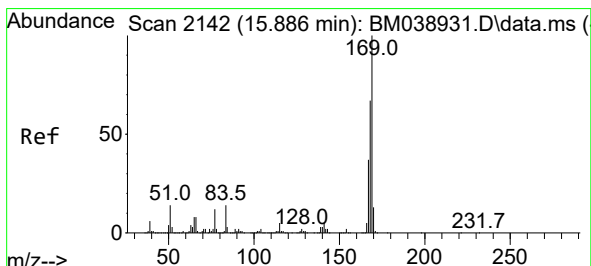
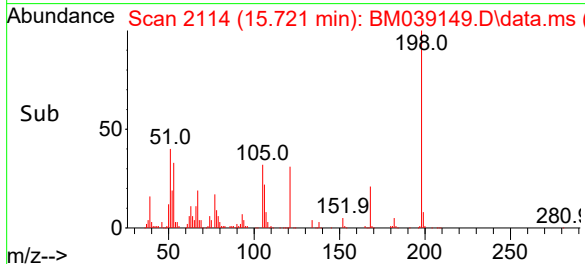
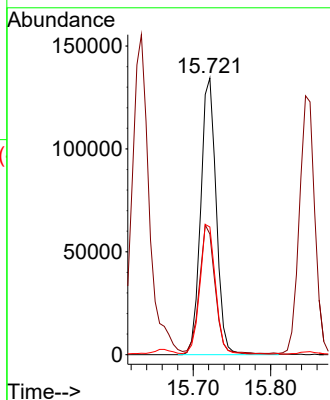
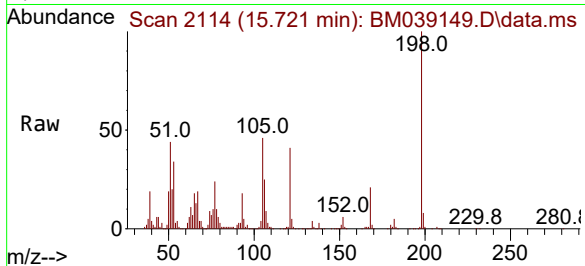




#65
4,6-Dinitro-2-methylphenol
Concen: 32.373 ng
RT: 15.721 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

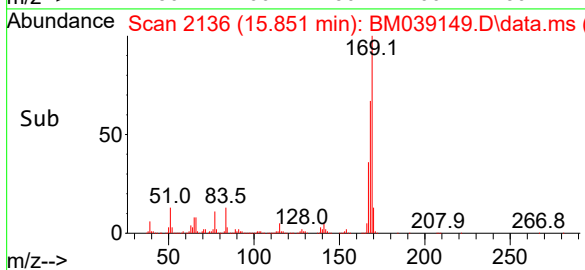
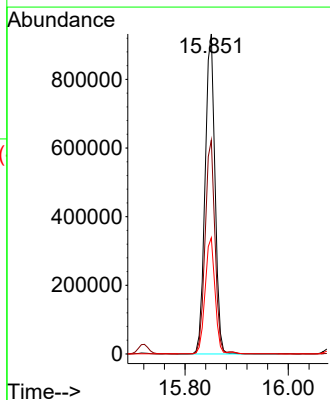
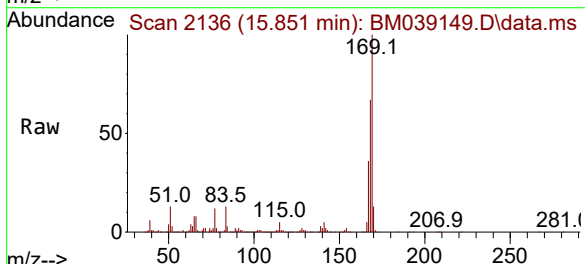
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

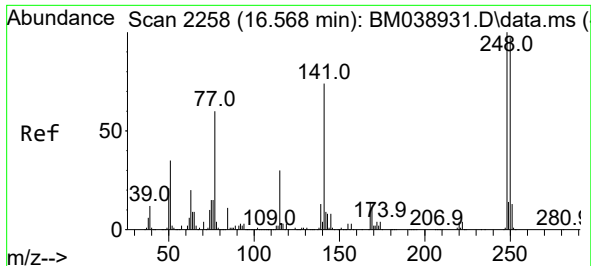
Tgt Ion:198 Resp: 186672
Ion Ratio Lower Upper
198 100
51 43.6 30.1 70.1
105 46.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 39.396 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:169 Resp: 1236113
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.3 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 41.685 ng

RT: 16.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

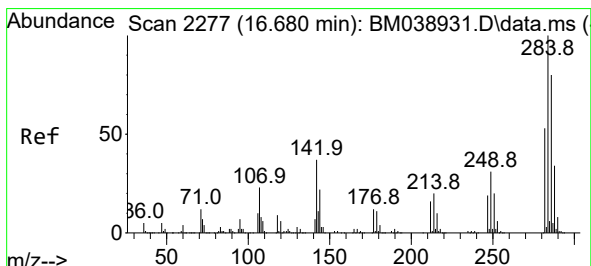
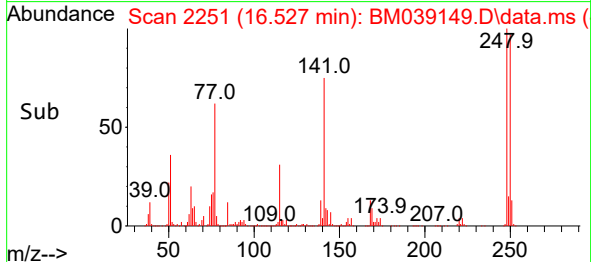
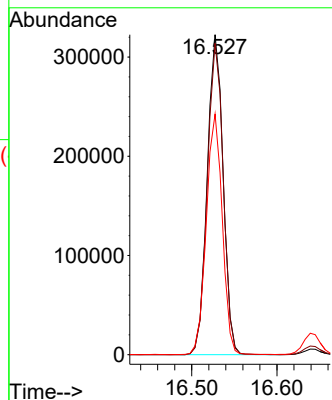
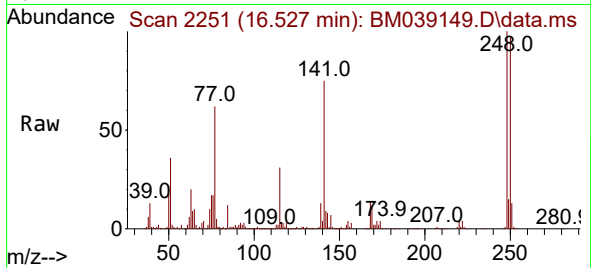
Tgt Ion:248 Resp: 419051

Ion Ratio Lower Upper

248 100

250 97.3 77.8 116.8

141 75.2 59.0 88.4



#68

Hexachlorobenzene

Concen: 41.673 ng

RT: 16.645 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

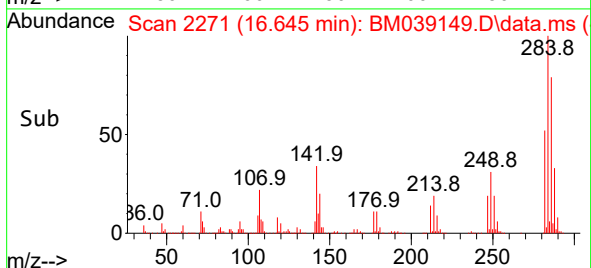
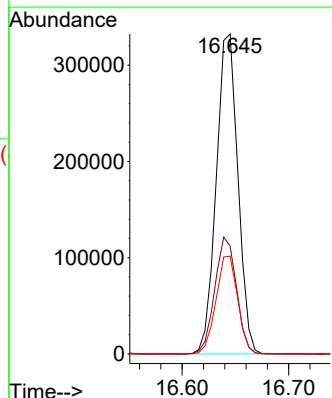
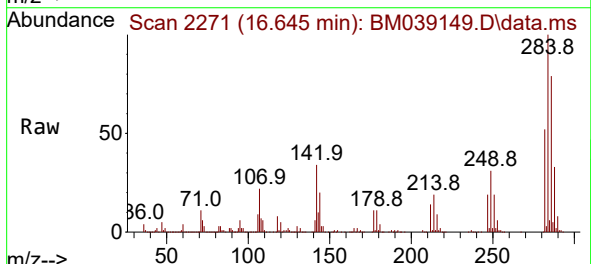
Tgt Ion:284 Resp: 468318

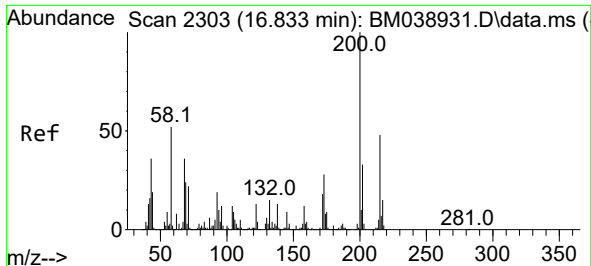
Ion Ratio Lower Upper

284 100

142 33.8 29.5 44.3

249 30.5 25.0 37.4

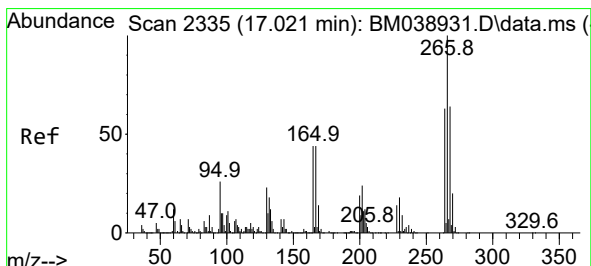
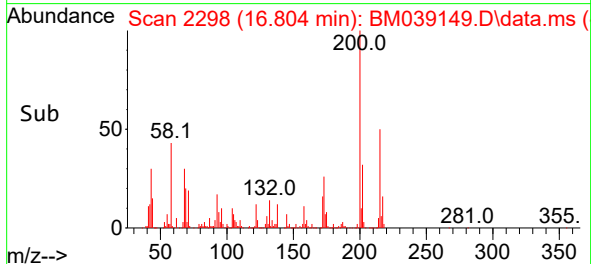
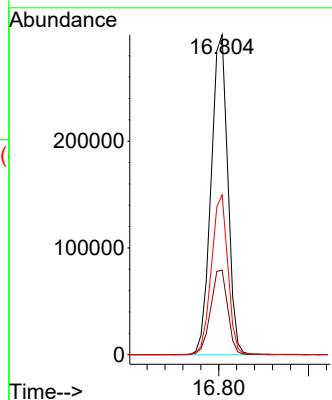
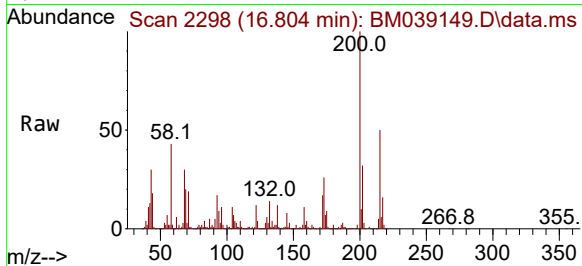




#69
 Atrazine
 Concen: 45.165 ng
 RT: 16.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039149.D
 Acq: 24 Mar 2023 19:44

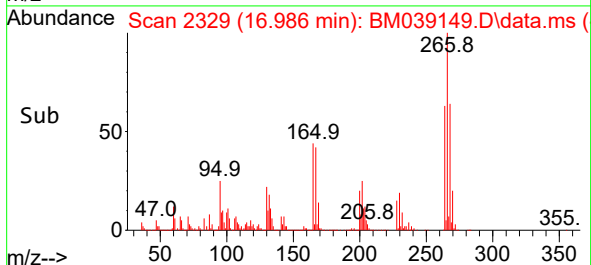
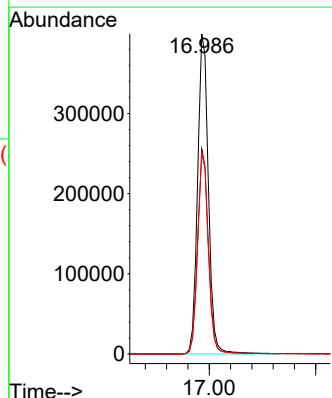
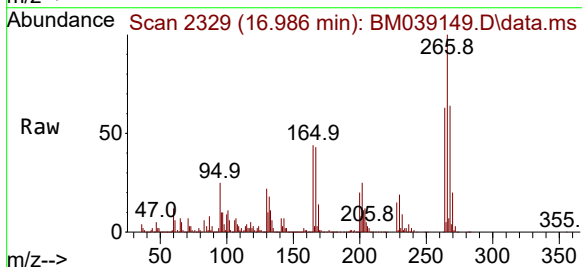
Instrument :
 BNA_M
 ClientSampleId :
 WC1-20230322MSD

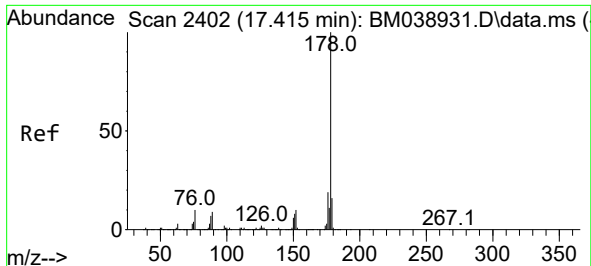
Tgt Ion:200 Resp: 387079
 Ion Ratio Lower Upper
 200 100
 173 26.5 8.2 48.2
 215 49.9 27.8 67.8



#70
 Pentachlorophenol
 Concen: 67.989 ng
 RT: 16.986 min Scan# 2329
 Delta R.T. -0.006 min
 Lab File: BM039149.D
 Acq: 24 Mar 2023 19:44

Tgt Ion:266 Resp: 561970
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.4
 264 62.7 50.3 75.5

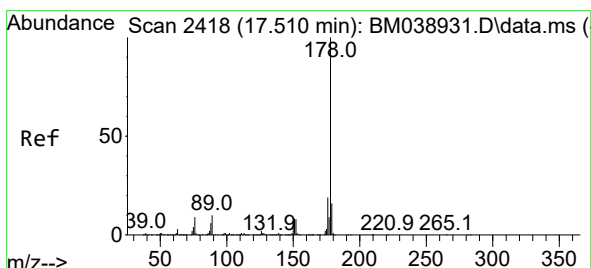
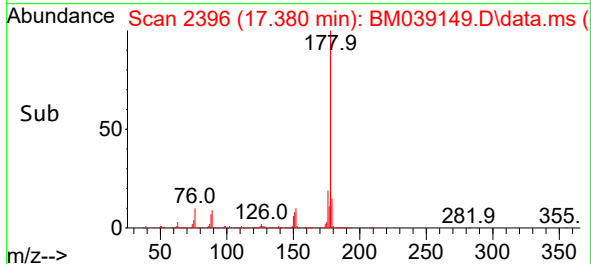
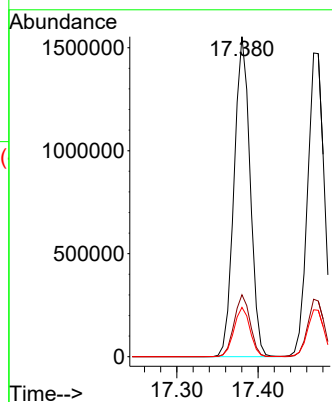
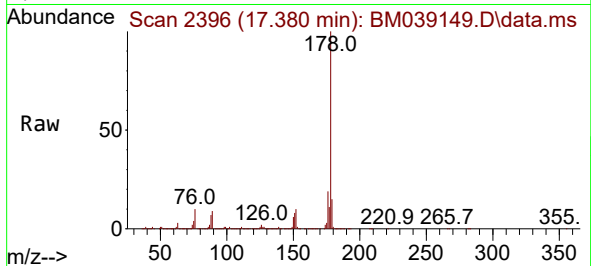




#71
Phenanthrene
Concen: 38.905 ng
RT: 17.380 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

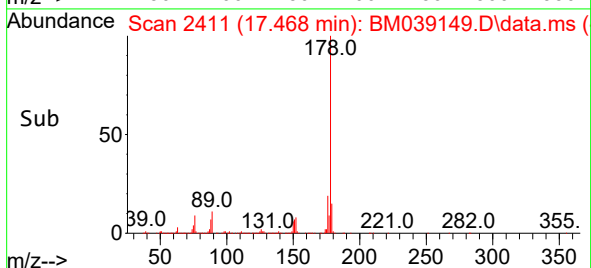
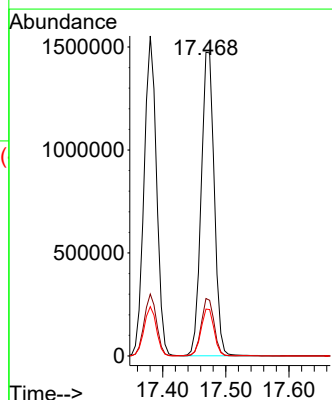
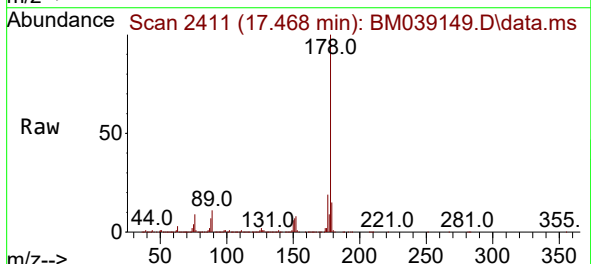
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

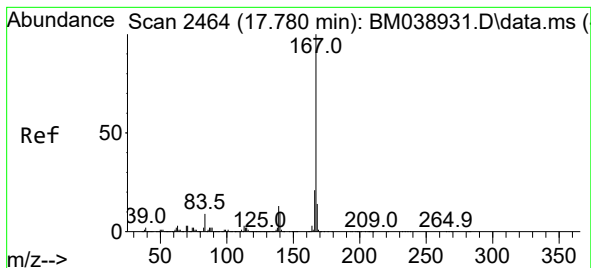
Tgt Ion:178 Resp: 2125196
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.4 12.5 18.7



#72
Anthracene
Concen: 38.822 ng
RT: 17.468 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:178 Resp: 2114798
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.5 18.7





#73

Carbazole

Concen: 39.503 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

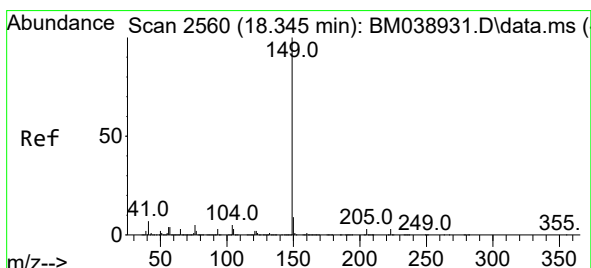
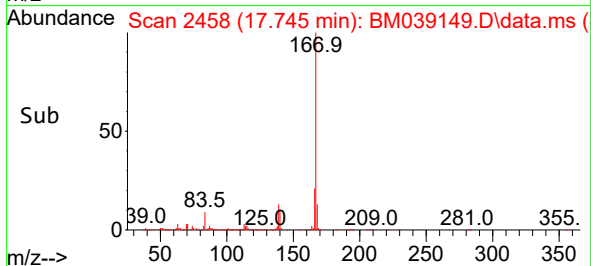
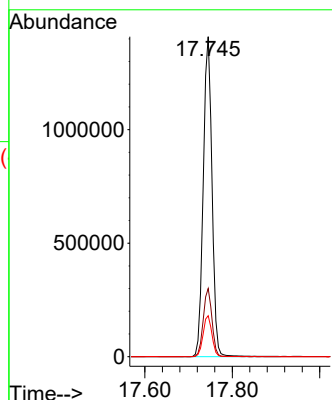
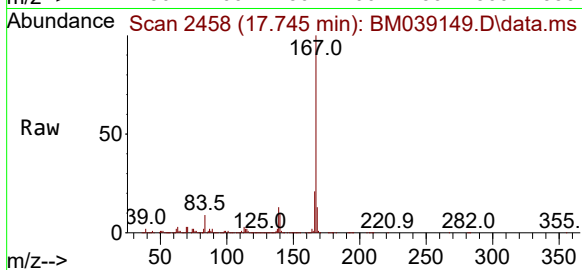
Tgt Ion:167 Resp: 1963976

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 39.111 ng

RT: 18.304 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

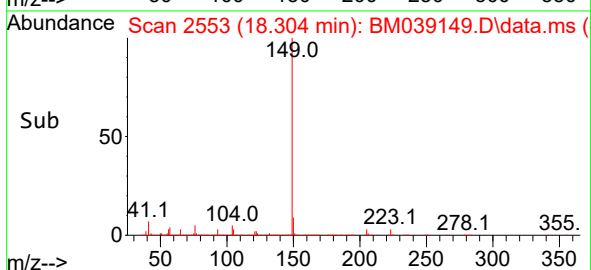
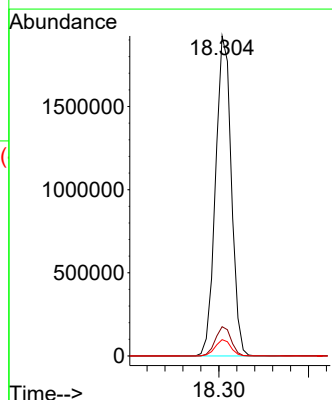
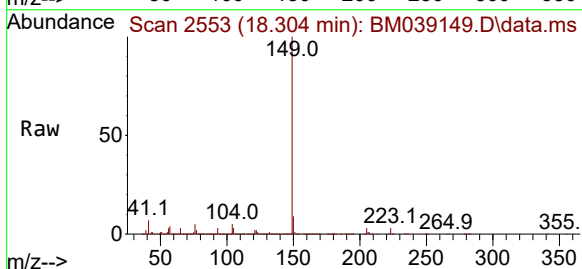
Tgt Ion:149 Resp: 2350666

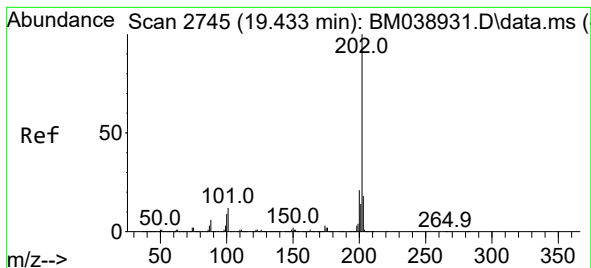
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 37.792 ng

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

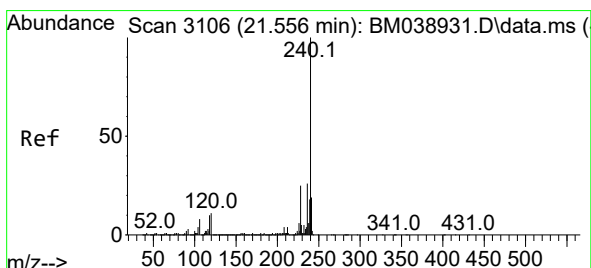
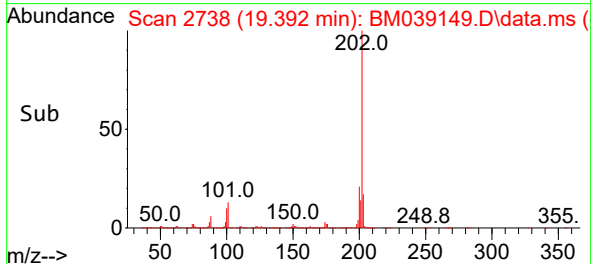
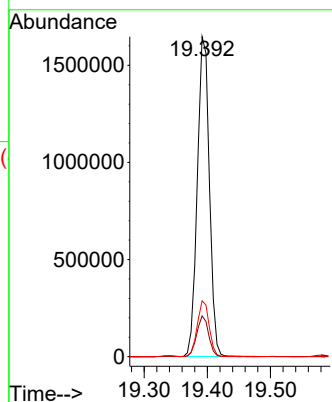
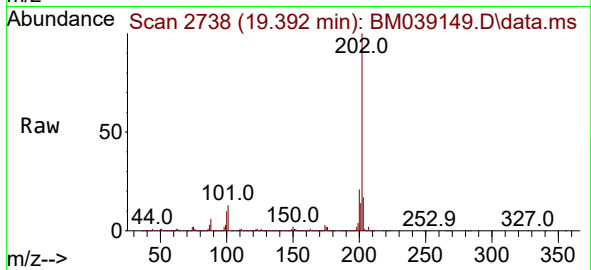
Tgt Ion:202 Resp: 2179670

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

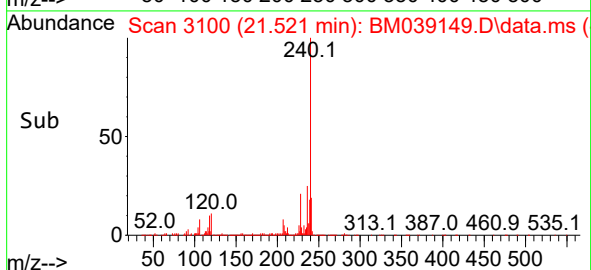
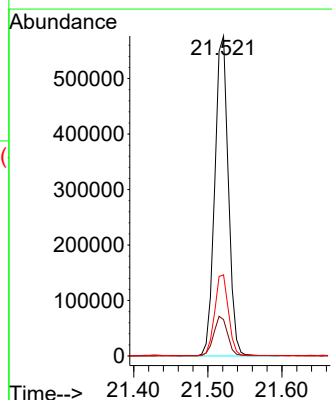
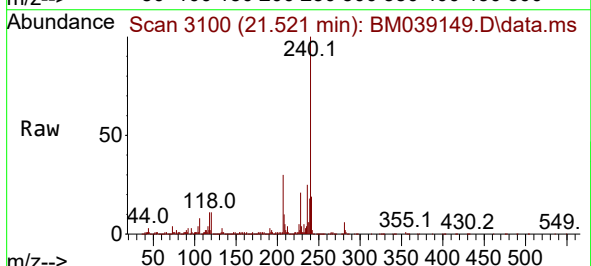
Tgt Ion:240 Resp: 732903

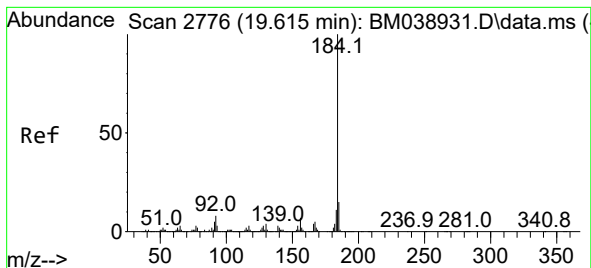
Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 25.4 20.8 31.2





#77

Benzidine

Concen: 82.397 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

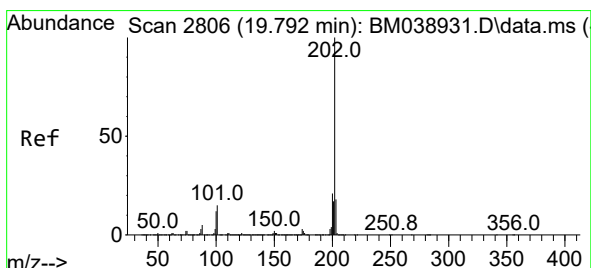
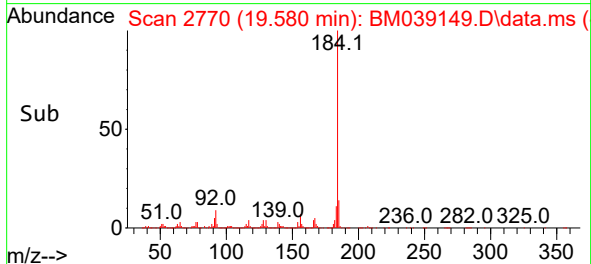
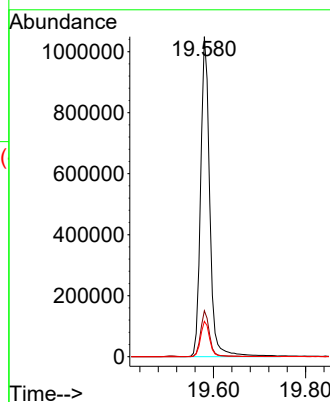
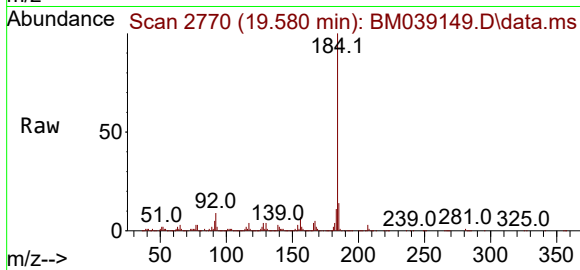
Tgt Ion:184 Resp: 1441509

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 41.220 ng

RT: 19.756 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

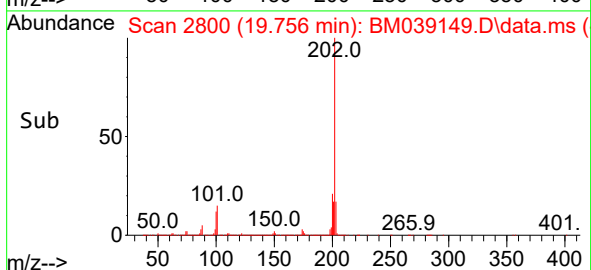
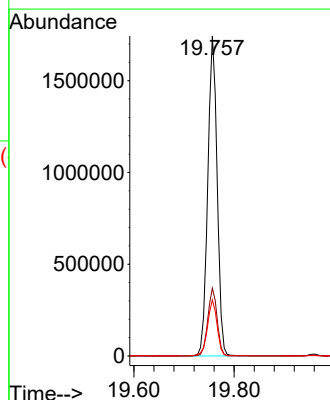
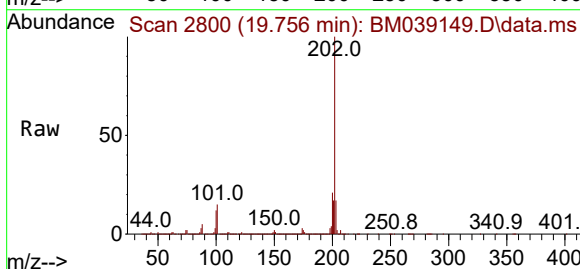
Tgt Ion:202 Resp: 2269033

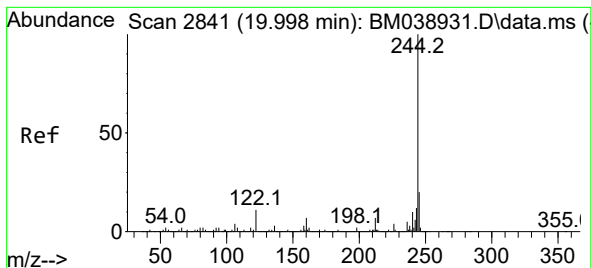
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 96.522 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

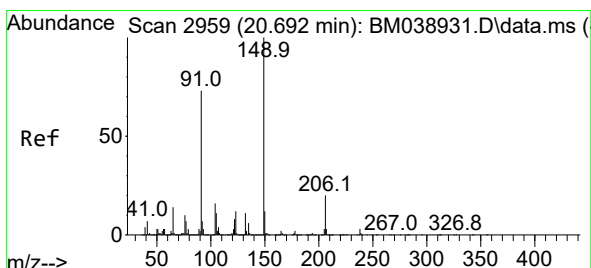
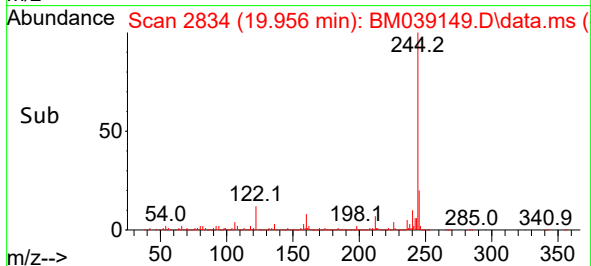
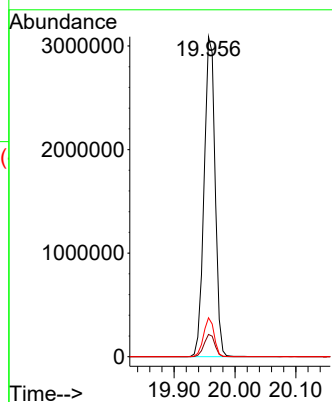
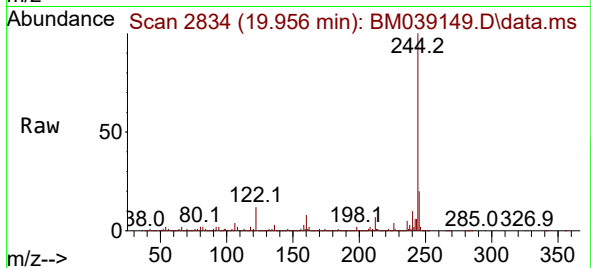
Tgt Ion:244 Resp: 3869174

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.160 ng

RT: 20.651 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

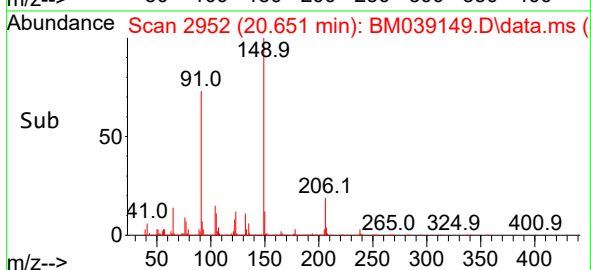
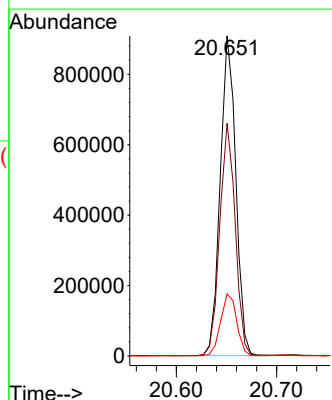
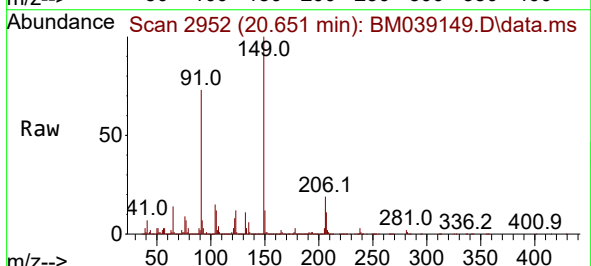
Tgt Ion:149 Resp: 976653

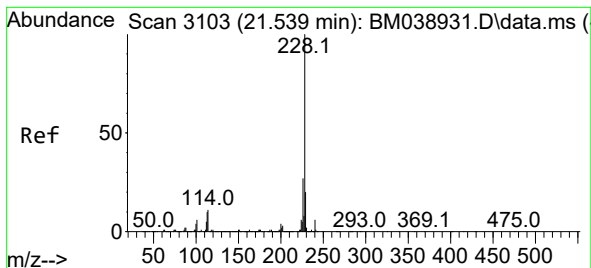
Ion Ratio Lower Upper

149 100

91 72.7 58.4 87.6

206 19.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.341 ng

RT: 21.503 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

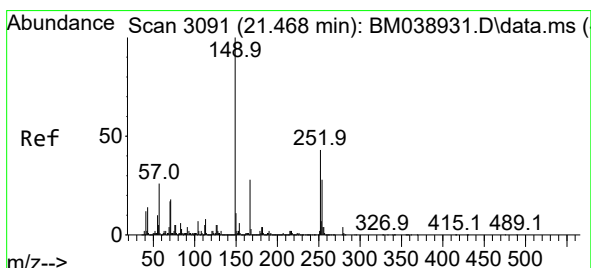
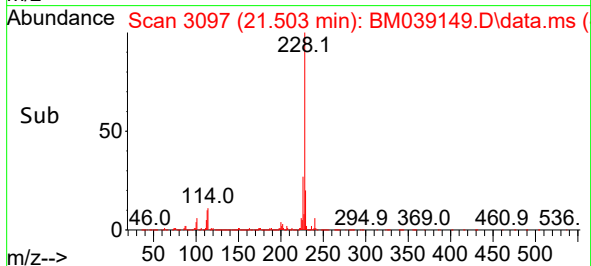
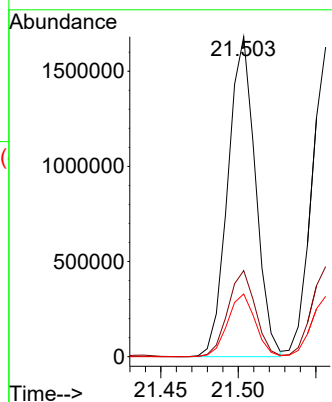
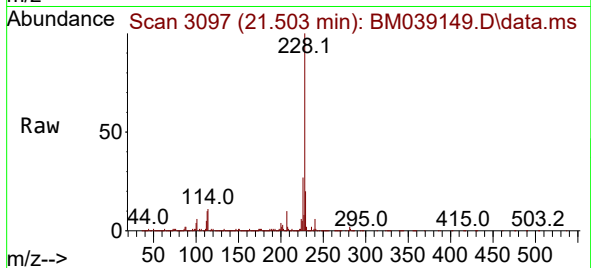
Tgt Ion:228 Resp: 2076437

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.324 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

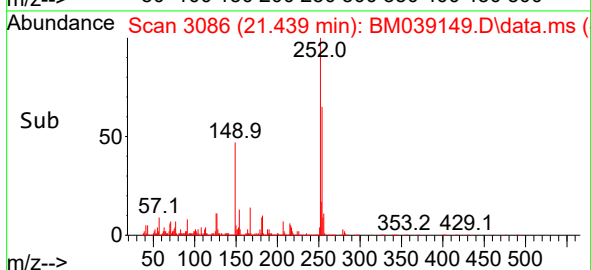
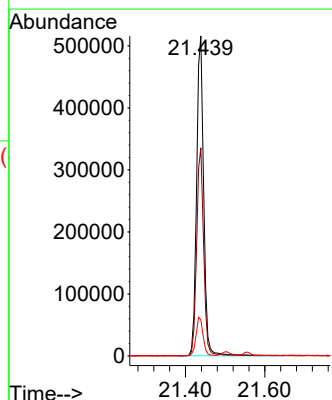
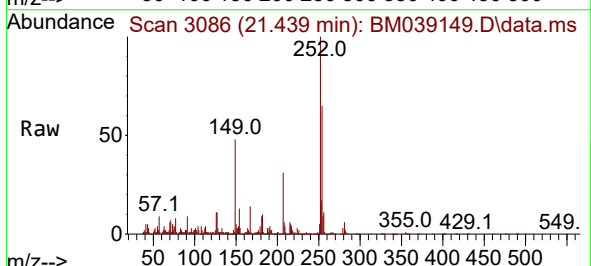
Tgt Ion:252 Resp: 637877

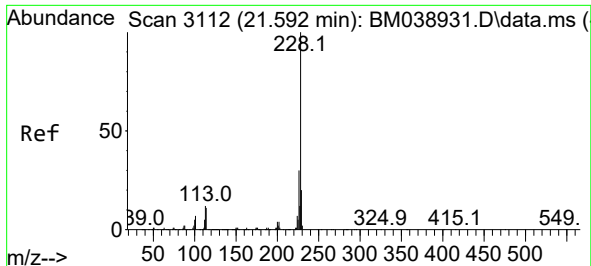
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 11.3 9.9 14.9

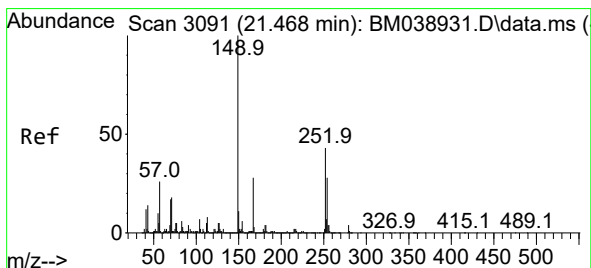
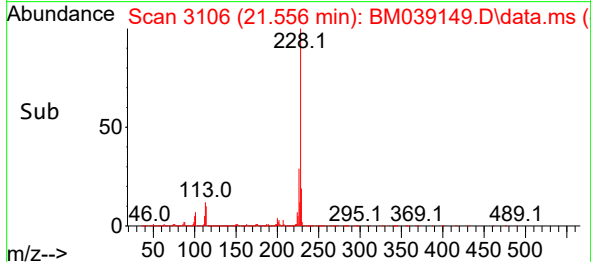
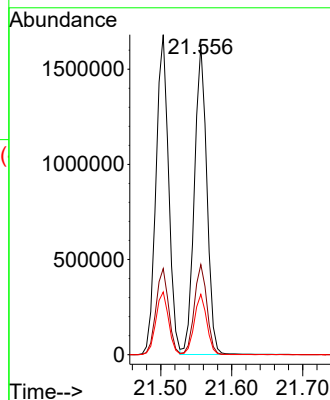
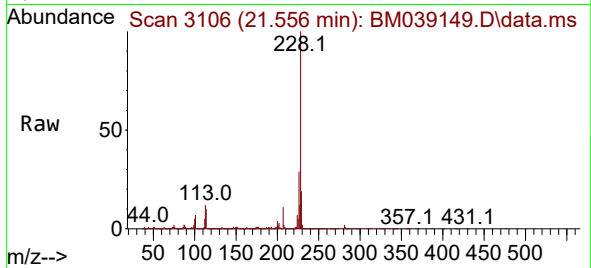




#83
Chrysene
Concen: 38.558 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

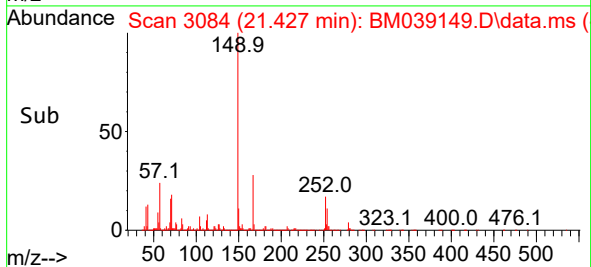
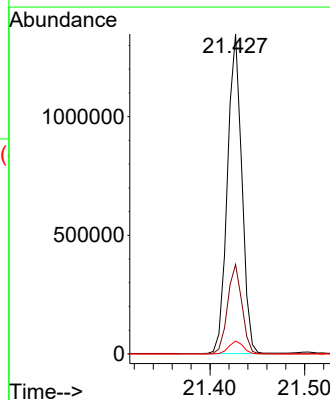
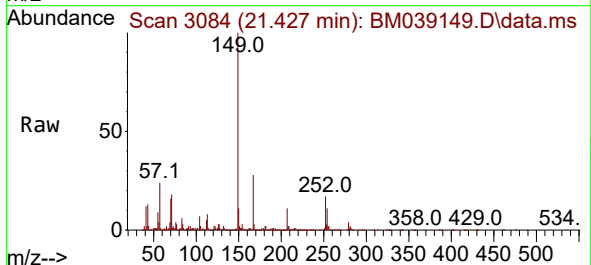
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

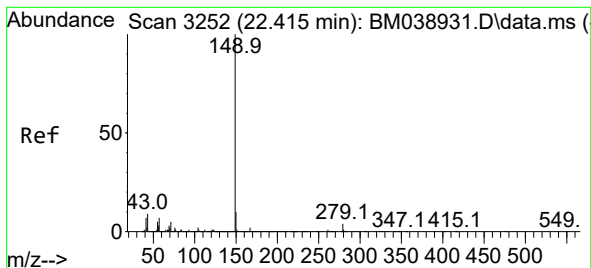
Tgt Ion:228 Resp: 1979278
Ion Ratio Lower Upper
228 100
226 29.1 24.0 36.0
229 19.5 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.421 ng
RT: 21.427 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:149 Resp: 1425327
Ion Ratio Lower Upper
149 100
167 28.0 22.3 33.5
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.326 ng

RT: 22.362 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

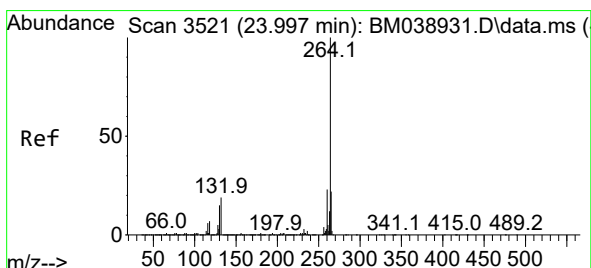
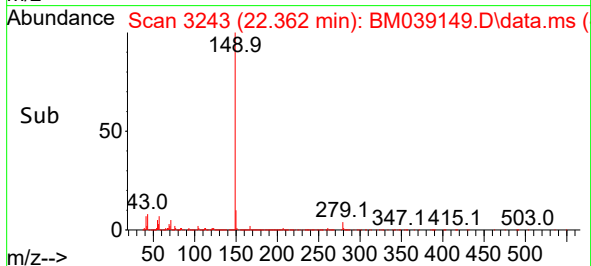
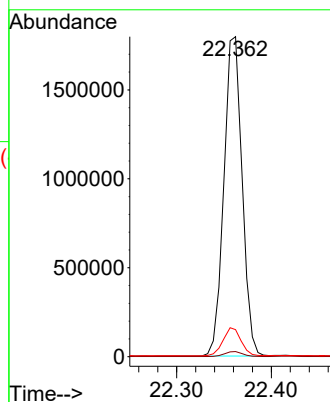
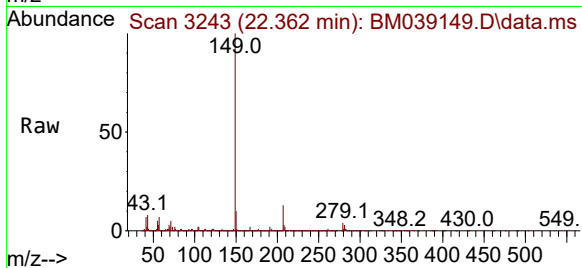
Tgt Ion:149 Resp: 2410662

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

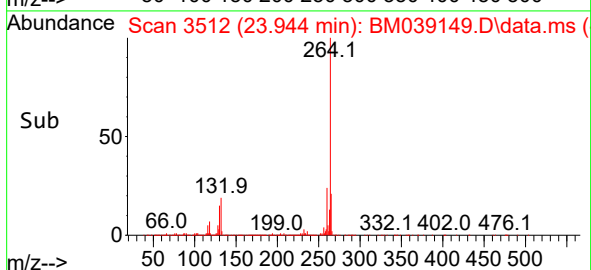
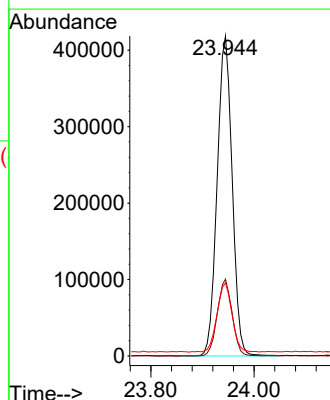
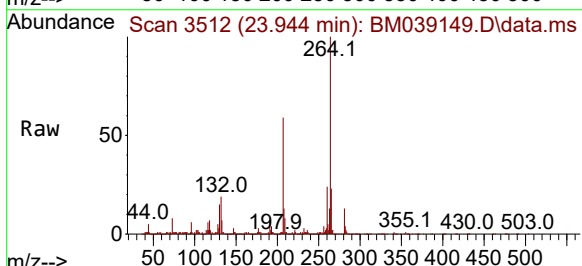
Tgt Ion:264 Resp: 843051

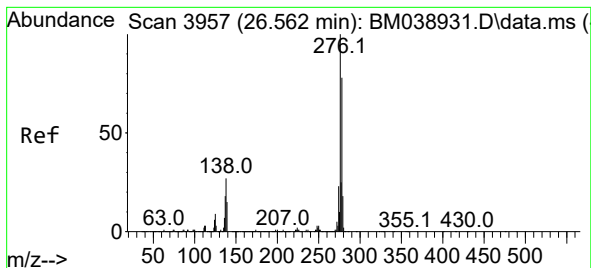
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.489 ng

RT: 26.474 min Scan# 3942

Delta R.T. -0.017 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

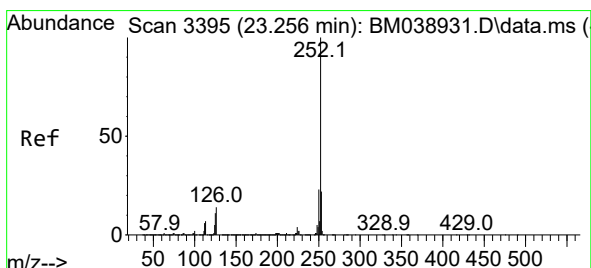
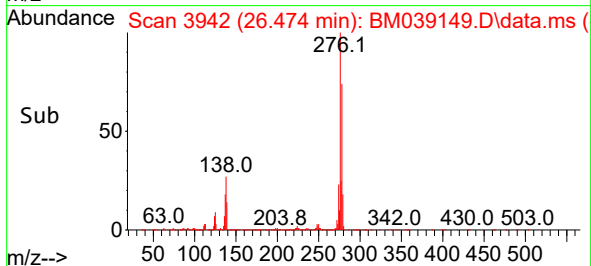
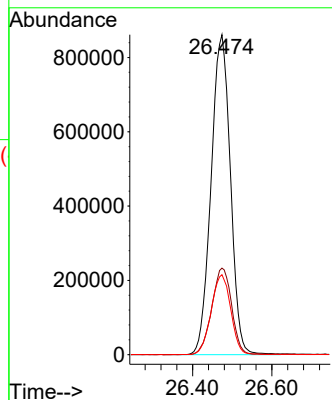
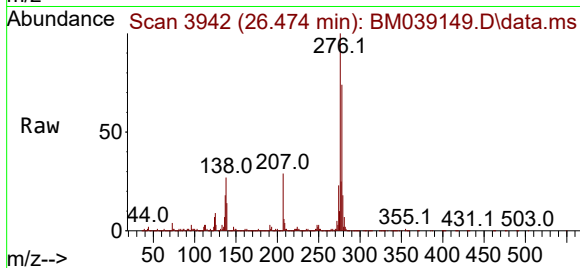
Tgt Ion:276 Resp: 2918138

Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.495 ng

RT: 23.203 min Scan# 3386

Delta R.T. -0.012 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

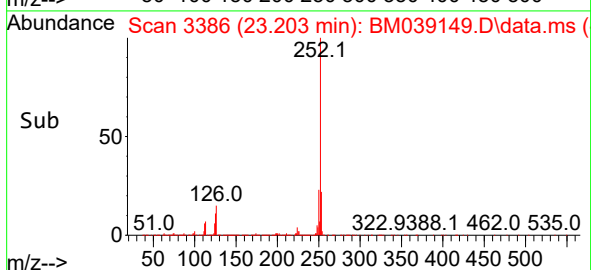
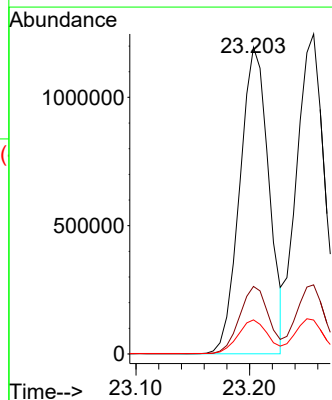
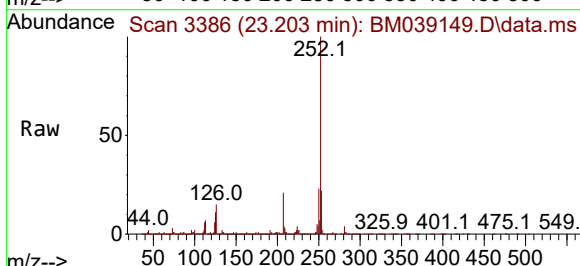
Tgt Ion:252 Resp: 2127176

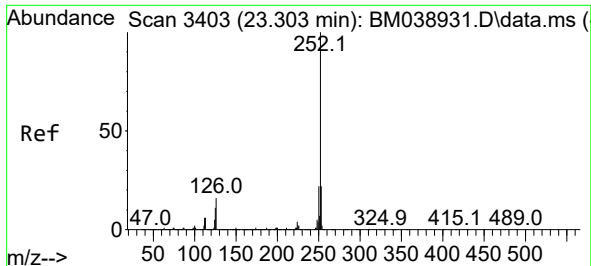
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.1 8.8 13.2

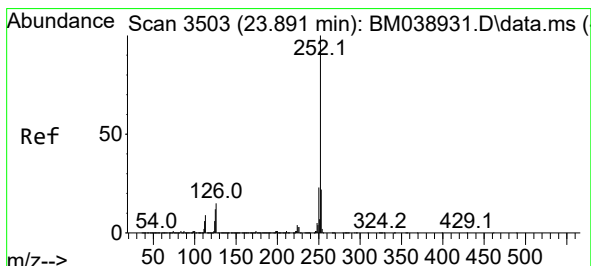
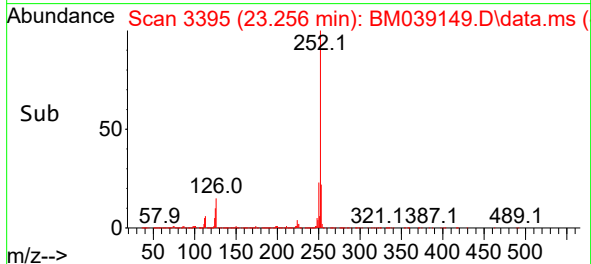
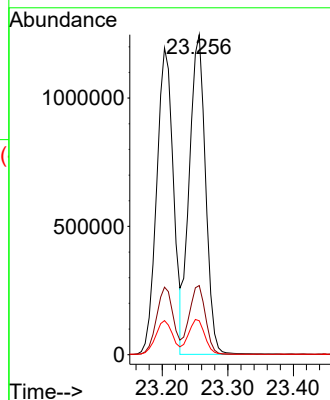
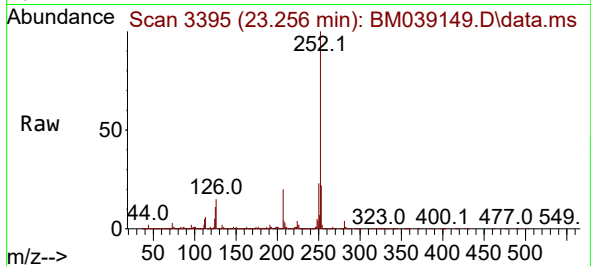




#89
Benzo(k)fluoranthene
Concen: 38.064 ng
RT: 23.256 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

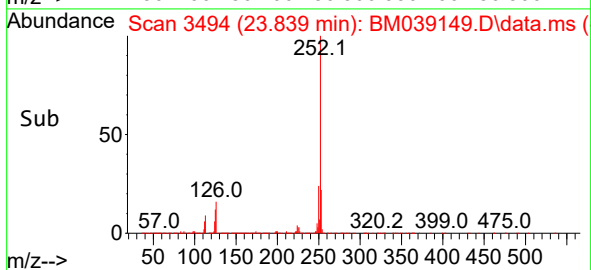
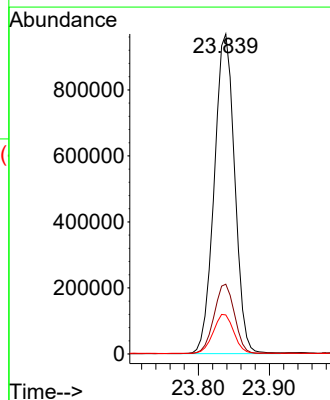
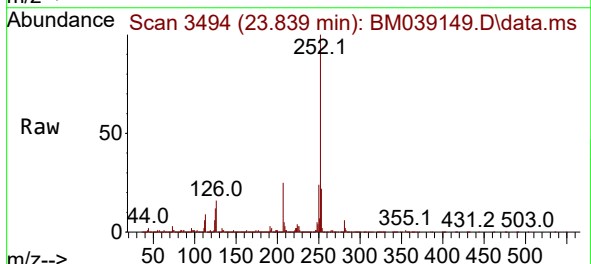
Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

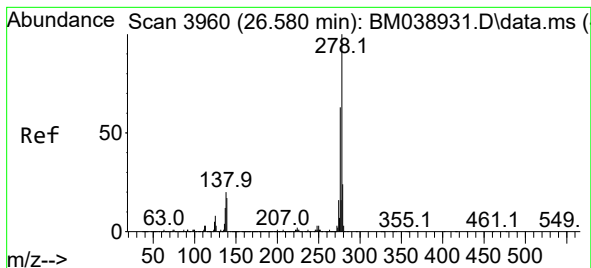
Tgt Ion:252 Resp: 2133563
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 37.247 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM039149.D
Acq: 24 Mar 2023 19:44

Tgt Ion:252 Resp: 1930725
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 44.937 ng

RT: 26.485 min Scan# 3960

Delta R.T. -0.023 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Instrument :

BNA_M

ClientSampleId :

WC1-20230322MSD

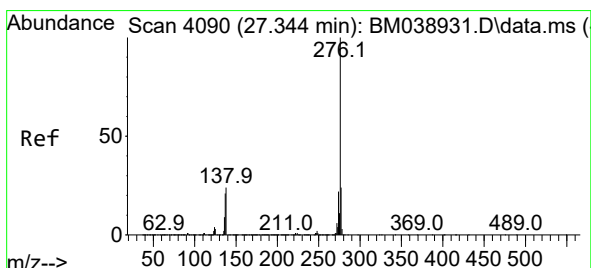
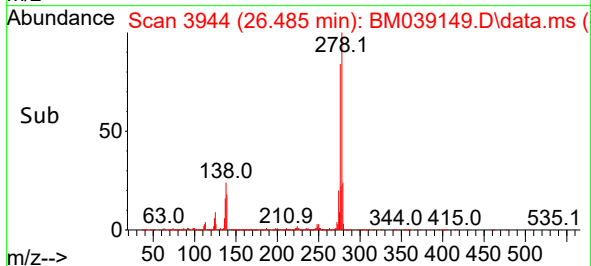
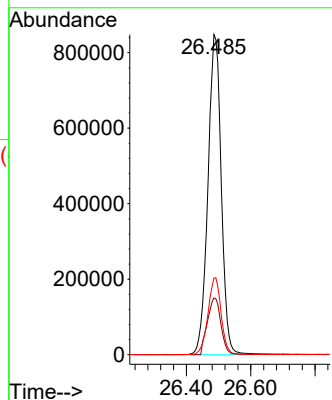
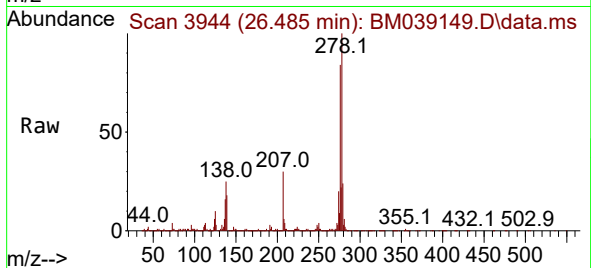
Tgt Ion:278 Resp: 2441302

Ion Ratio Lower Upper

278 100

139 17.7 13.7 20.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.120 ng

RT: 27.250 min Scan# 4074

Delta R.T. -0.023 min

Lab File: BM039149.D

Acq: 24 Mar 2023 19:44

Tgt Ion:276 Resp: 2451369

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 23.9 19.0 28.6

