

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041389.D
 Acq On : 11 Aug 2023 16:15
 Operator : MA/JU
 Sample : 03954-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-16MS

Quant Time: Aug 11 16:54:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	145895	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	638990	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	426516	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	989366	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1076004	20.000	ng	0.00
86) Perylene-d12	23.774	264	1246687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	921663	94.418	ng	0.00
7) Phenol-d6	6.963	99	1257601	99.389	ng	0.00
23) Nitrobenzene-d5	8.951	82	781769	56.896	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	622997	103.268	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1678117	49.702	ng	0.00
79) Terphenyl-d14	19.845	244	3096229	52.027	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	133470	31.962	ng	99
3) Pyridine	3.652	79	338169	30.799	ng	96
4) n-Nitrosodimethylamine	3.569	42	195079	38.415	ng	96
6) Aniline	7.116	93	465343	31.425	ng	100
8) 2-Chlorophenol	7.340	128	484880	50.881	ng	99
9) Benzaldehyde	6.928	77	219101	32.816	ng	97
10) Phenol	6.987	94	625832	51.209	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	452008	45.692	ng	97
12) 1,3-Dichlorobenzene	7.657	146	477824	46.063	ng	99
13) 1,4-Dichlorobenzene	7.810	146	491714	47.161	ng	99
14) 1,2-Dichlorobenzene	8.122	146	474829	47.497	ng	100
15) Benzyl Alcohol	8.034	79	472064	59.076	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	564017	42.791	ng	95
17) 2-Methylphenol	8.239	107	423014	50.664	ng	98
18) Hexachloroethane	8.839	117	187912	48.410	ng	94
19) n-Nitroso-di-n-propyla...	8.598	70	400338	52.090	ng	97
20) 3+4-Methylphenols	8.569	107	576550	51.646	ng	98
22) Acetophenone	8.616	105	738692	43.650	ng	99
24) Nitrobenzene	8.998	77	580983	41.811	ng	99
25) Isophorone	9.522	82	1094518	46.926	ng	99
26) 2-Nitrophenol	9.704	139	269028	49.527	ng	97
27) 2,4-Dimethylphenol	9.769	122	433062	45.306	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	645233	44.162	ng	99
29) 2,4-Dichlorophenol	10.239	162	501241	52.000	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	494498	46.432	ng	99
31) Naphthalene	10.633	128	1455345	41.971	ng	99
32) Benzoic acid	9.963	122	363413	50.231	ng	96
33) 4-Chloroaniline	10.769	127	242911	17.529	ng	99
34) Hexachlorobutadiene	10.898	225	311049	48.562	ng	98
35) Caprolactam	11.592	113	162301	58.204	ng	89
36) 4-Chloro-3-methylphenol	11.904	107	533559	52.590	ng	98
37) 2-Methylnaphthalene	12.251	142	1034696	44.261	ng	98
38) 1-Methylnaphthalene	12.475	142	996458	45.542	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	582627	42.069	ng	98
41) Hexachlorocyclopentadiene	12.586	237	595292	81.246	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	422097	47.551	ng	98

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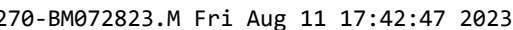
Instrument :
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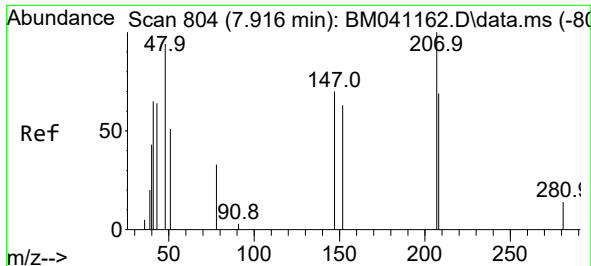
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	459547	44.729	ng	98
46) 1,1'-Biphenyl	13.274	154	1427657	41.289	ng	98
47) 2-Chloronaphthalene	13.316	162	1109014	42.955	ng	99
48) 2-Nitroaniline	13.545	65	373793	45.358	ng	99
49) Acenaphthylene	14.169	152	1853089	44.469	ng	100
50) Dimethylphthalate	13.916	163	1484583	46.273	ng	100
51) 2,6-Dinitrotoluene	14.045	165	327090	49.204	ng	98
52) Acenaphthene	14.510	154	1063711	42.372	ng	99
53) 3-Nitroaniline	14.380	138	274943	36.400	ng	99
54) 2,4-Dinitrophenol	14.598	184	435376	95.745	ng	93
55) Dibenzofuran	14.845	168	1788357	43.662	ng	98
56) 4-Nitrophenol	14.704	139	522024	94.223	ng	94
57) 2,4-Dinitrotoluene	14.845	165	462899	48.718	ng	95
58) Fluorene	15.498	166	1434323	44.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	439226	52.794	ng	96
60) Diethylphthalate	15.280	149	1484319	47.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	759765	46.923	ng	97
62) 4-Nitroaniline	15.557	138	293636	41.984	ng	93
63) Azobenzene	15.786	77	1484560	43.682	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	278111	46.402	ng	88
66) n-Nitrosodiphenylamine	15.715	169	1246962	40.525	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	477562	44.025	ng	99
68) Hexachlorobenzene	16.504	284	566978	47.005	ng	95
69) Atrazine	16.680	200	489342	60.557	ng	98
70) Pentachlorophenol	16.857	266	687067	82.259	ng	99
71) Phenanthrene	17.251	178	2331007	42.405	ng	100
72) Anthracene	17.339	178	2363654	43.477	ng	100
73) Carbazole	17.621	167	2176766	44.237	ng	100
74) Di-n-butylphthalate	18.180	149	2772770	49.866	ng	100
75) Fluoranthene	19.274	202	2923331	47.336	ng	99
77) Benzidine	19.480	184	1251418	85.329	ng	99
78) Pyrene	19.639	202	3093440	41.111	ng	99
80) Butylbenzylphthalate	20.545	149	1357171	49.390	ng	98
81) Benzo(a)anthracene	21.397	228	3265807	44.771	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1046384	43.961	ng	99
83) Chrysene	21.450	228	2991634	42.402	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2056964	47.183	ng	# 97
85) Di-n-octyl phthalate	22.233	149	3695932	53.219	ng	96
87) Indeno(1,2,3-cd)pyrene	26.227	276	3706368	40.437	ng	96
88) Benzo(b)fluoranthene	23.062	252	3444825	46.513	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3266632	43.120	ng	98
90) Benzo(a)pyrene	23.674	252	3006473	42.248	ng	# 98
91) Dibenzo(a,h)anthracene	26.238	278	3143617	41.120	ng	97
92) Benzo(g,h,i)perylene	26.985	276	2834923	37.897	ng	96

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

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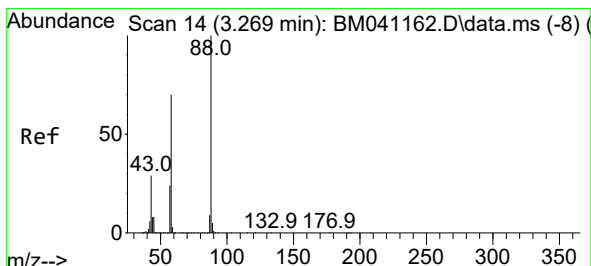
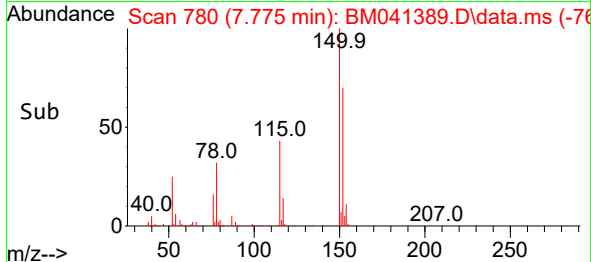
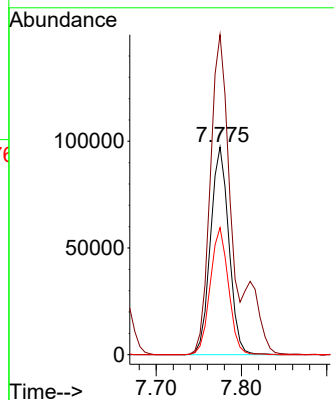
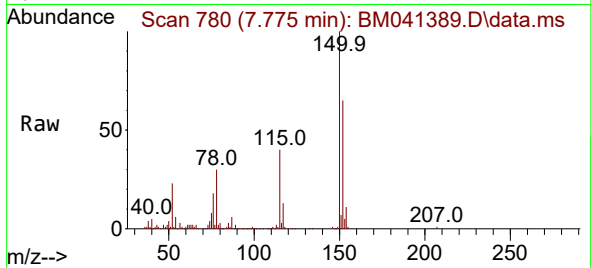




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

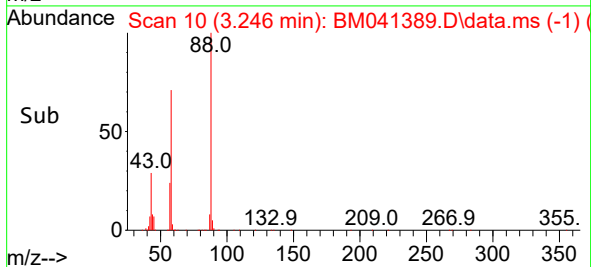
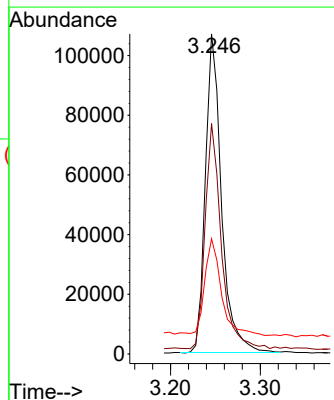
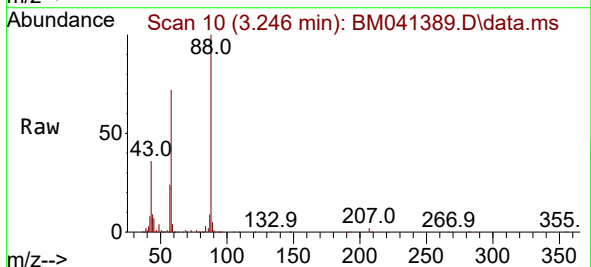
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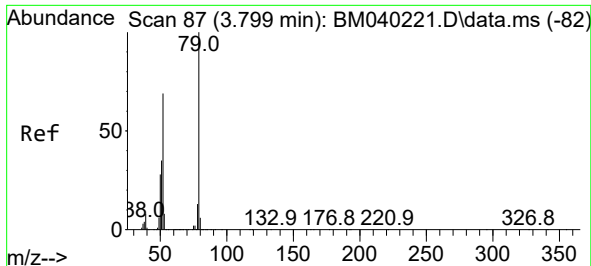
Tgt Ion:152 Resp: 145895
Ion Ratio Lower Upper
152 100
150 154.0 125.5 188.3
115 61.2 48.0 72.0



#2
1,4-Dioxane
Concen: 31.962 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 88 Resp: 133470
Ion Ratio Lower Upper
88 100
58 72.3 58.2 87.4
43 30.9 24.4 36.6

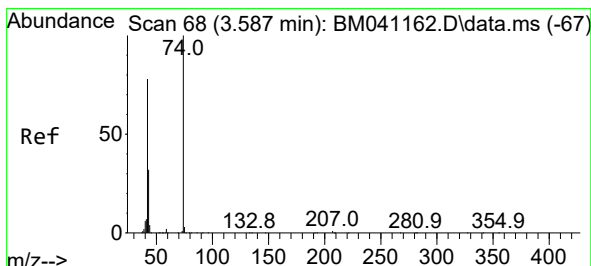
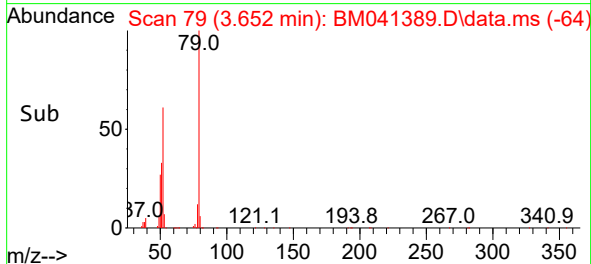
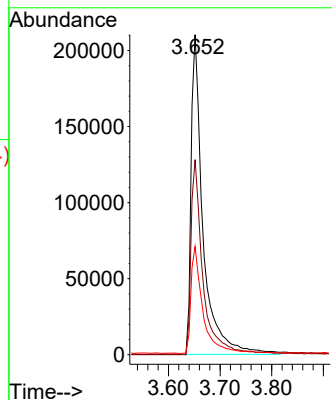
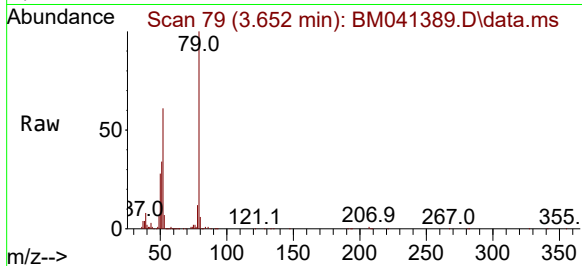




#3
 Pyridine
 Concen: 30.799 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

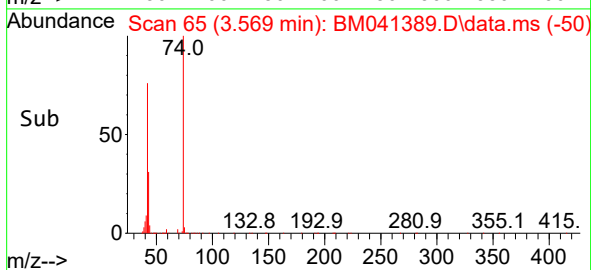
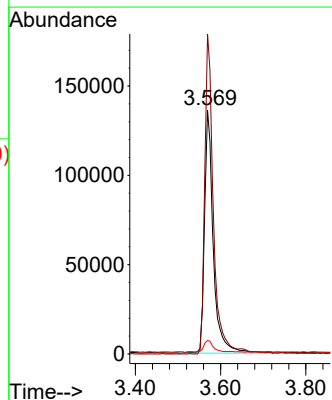
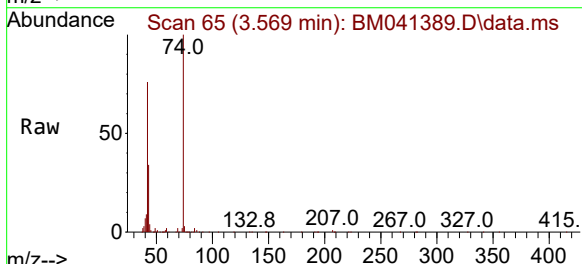
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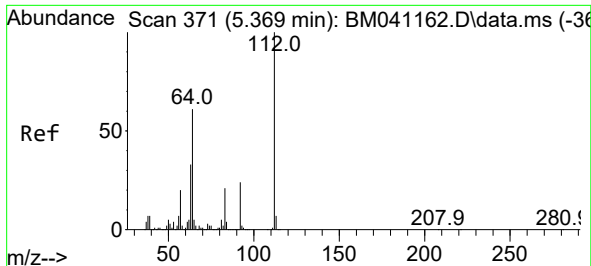
Tgt Ion: 79 Resp: 338169
 Ion Ratio Lower Upper
 79 100
 52 61.0 52.1 78.1
 51 33.8 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 38.415 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.012 min
 Lab File: BM041389.D
 Acq: 11 Aug 2023 16:15

Tgt Ion: 42 Resp: 195079
 Ion Ratio Lower Upper
 42 100
 74 131.3 100.8 151.2
 44 5.5 5.0 7.4

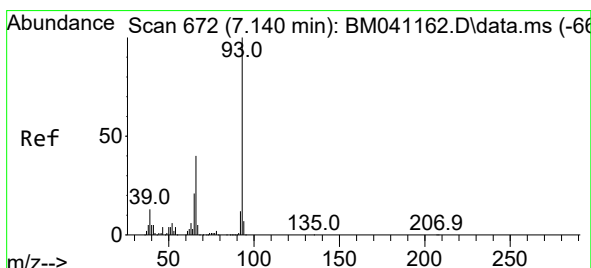
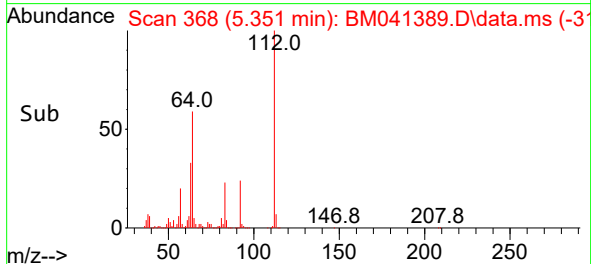
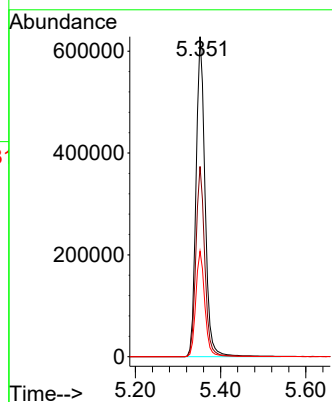
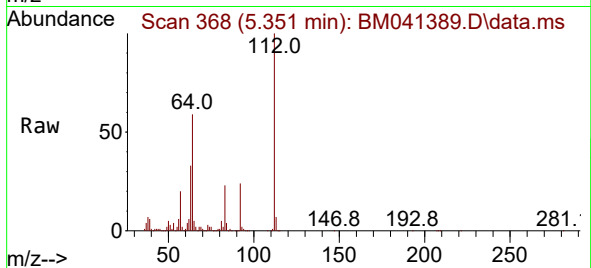




#5
2-Fluorophenol
Concen: 94.418 ng
RT: 5.351 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

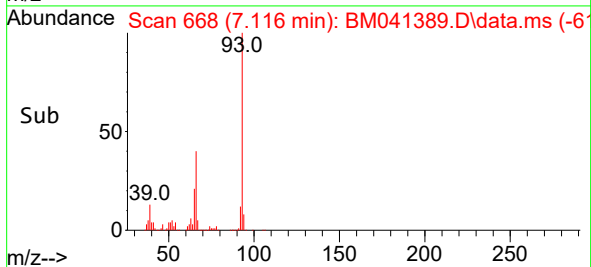
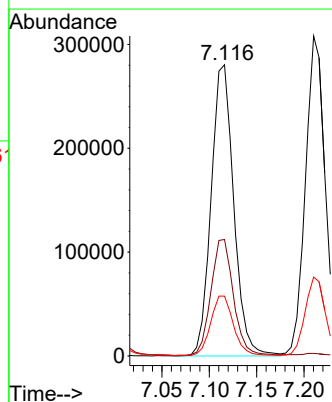
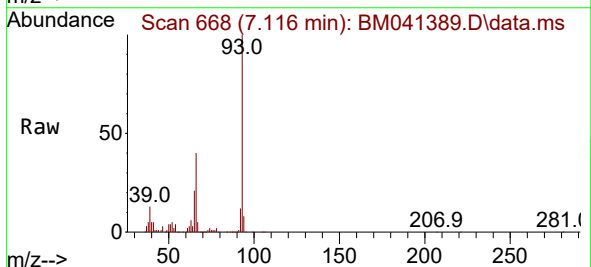
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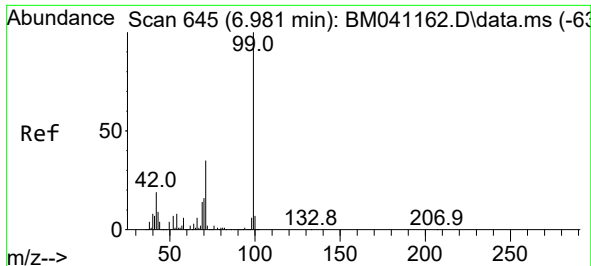
Tgt Ion:112 Resp: 921663
Ion Ratio Lower Upper
112 100
64 59.4 48.5 72.7
63 32.9 26.5 39.7



#6
Aniline
Concen: 31.425 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 93 Resp: 465343
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 20.6 16.6 24.8

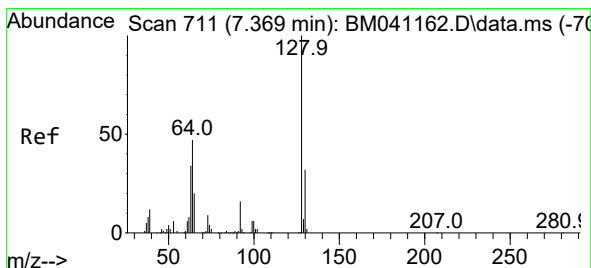
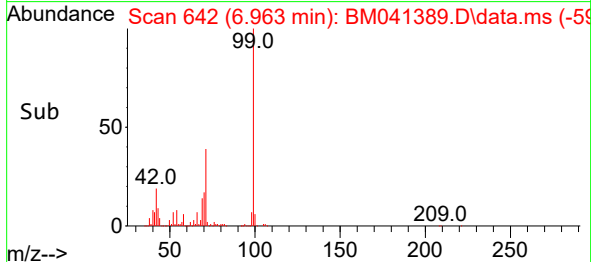
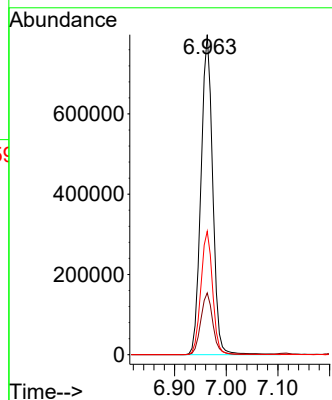
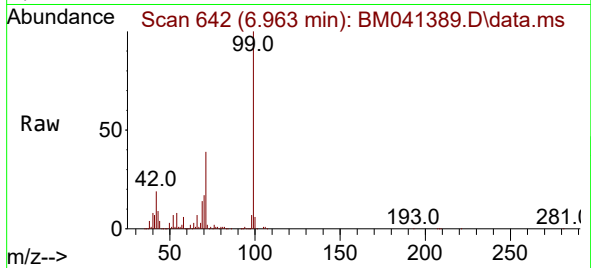




#7
Phenol-d6
Concen: 99.389 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

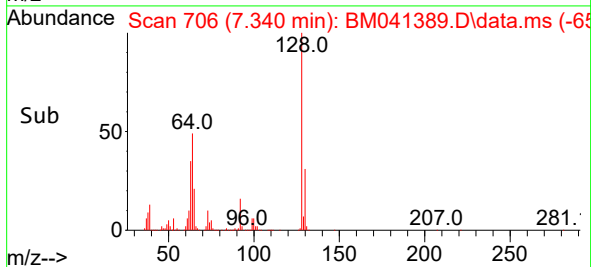
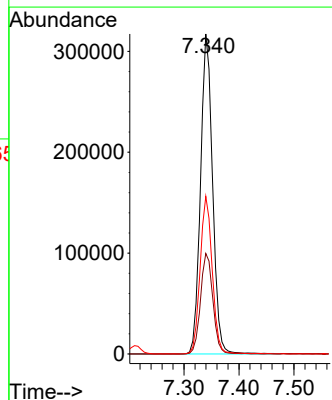
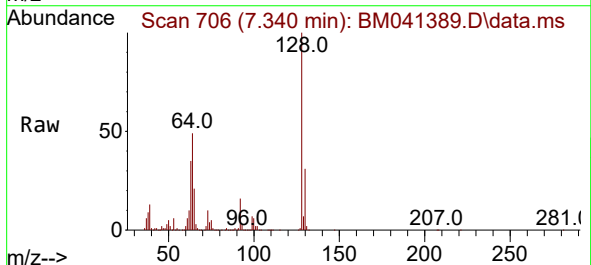
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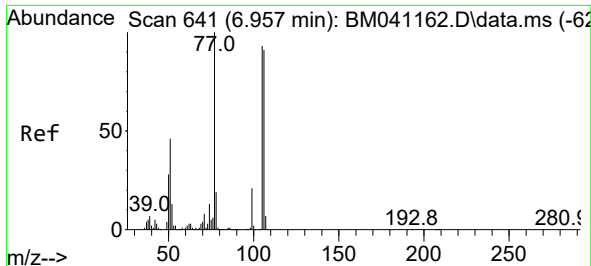
Tgt Ion: 99 Resp: 1257601
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.6 28.2 42.4



#8
2-Chlorophenol
Concen: 50.881 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 128 Resp: 484880
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 49.3 29.3 69.3

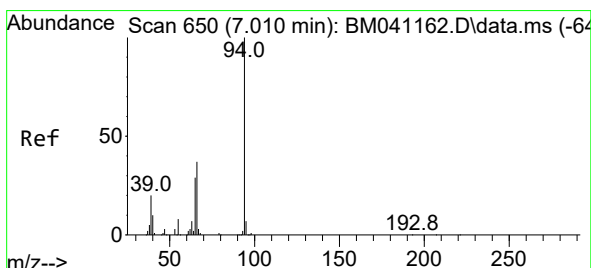
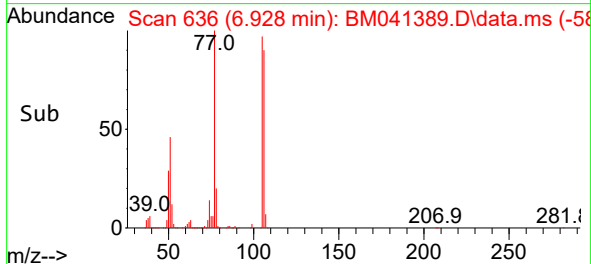
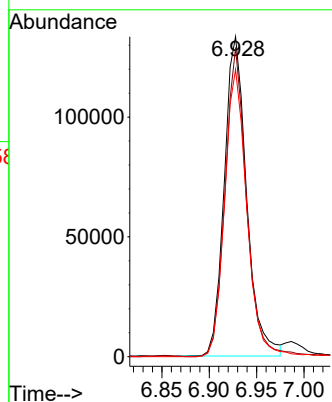
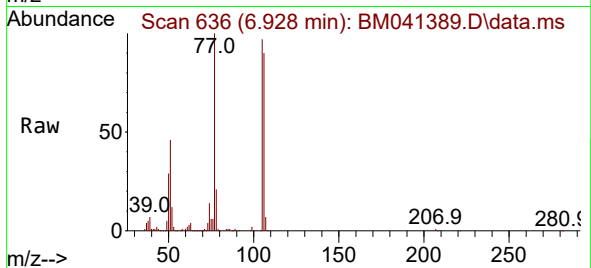




#9
Benzaldehyde
Concen: 32.816 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041389.D
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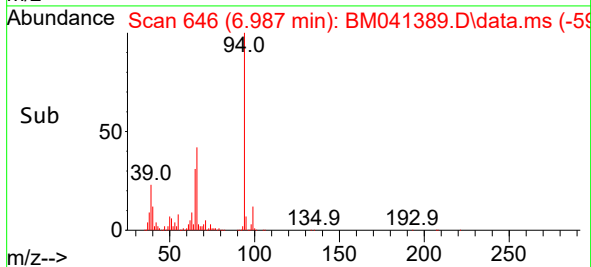
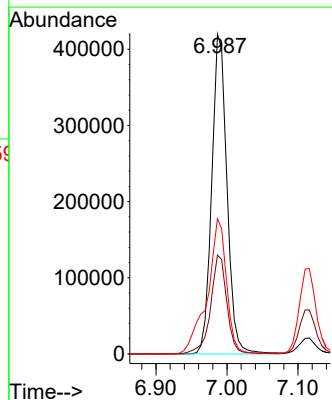
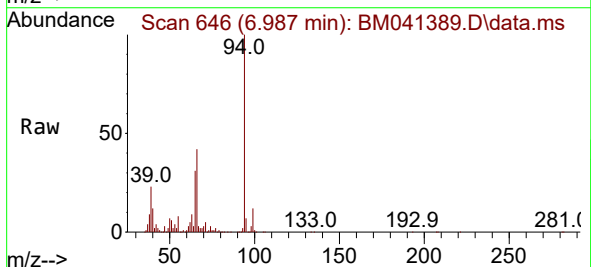
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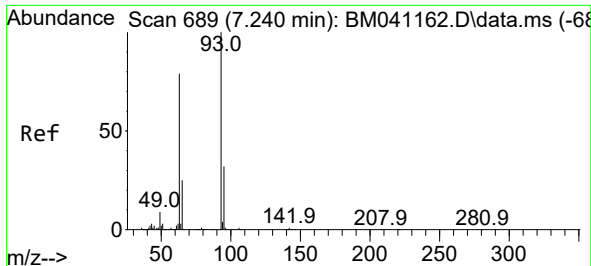
Tgt Ion: 77 Resp: 219101
Ion Ratio Lower Upper
77 100
105 96.6 72.8 112.8
106 89.8 70.8 110.8



#10
Phenol
Concen: 51.209 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 94 Resp: 625832
Ion Ratio Lower Upper
94 100
65 30.9 9.5 49.5
66 42.3 18.0 58.0

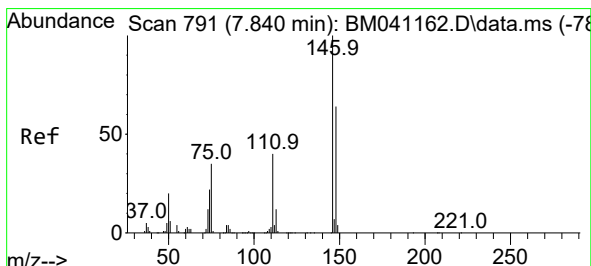
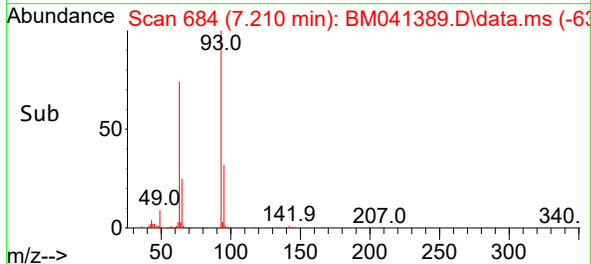
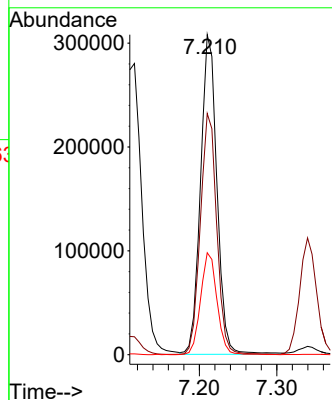
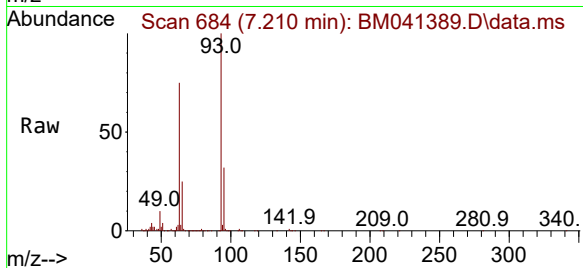




#11
bis(2-Chloroethyl)ether
Concen: 45.692 ng
RT: 7.210 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

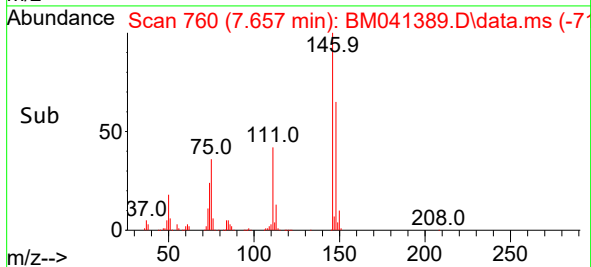
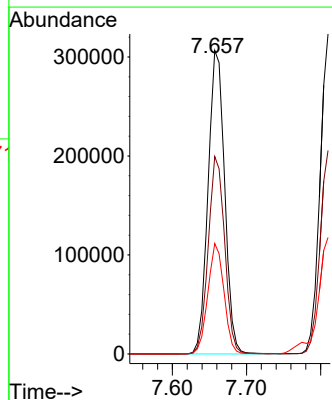
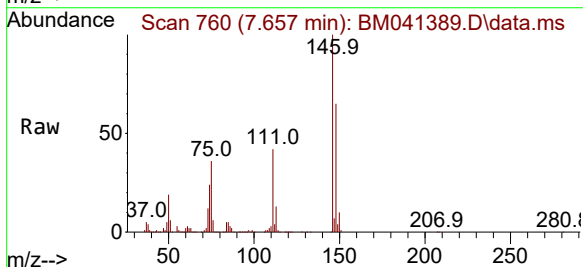
Instrument :
BNA_M
ClientSampleId :
WC-16MS

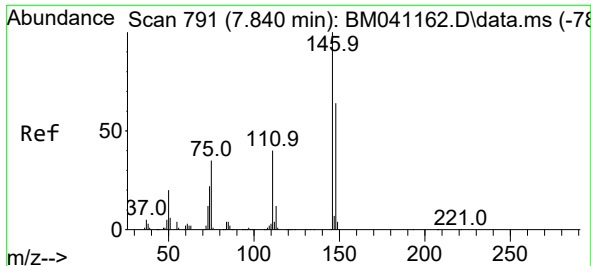
Tgt Ion: 93 Resp: 452008
Ion Ratio Lower Upper
93 100
63 75.3 58.8 98.8
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.063 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 146 Resp: 477824
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 36.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.161 ng

RT: 7.810 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

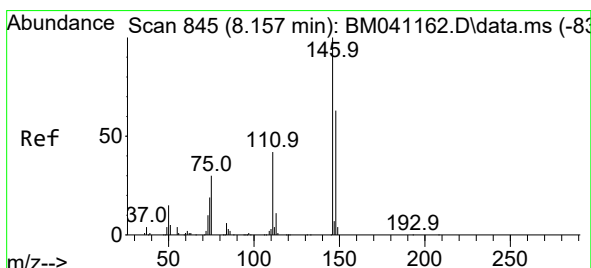
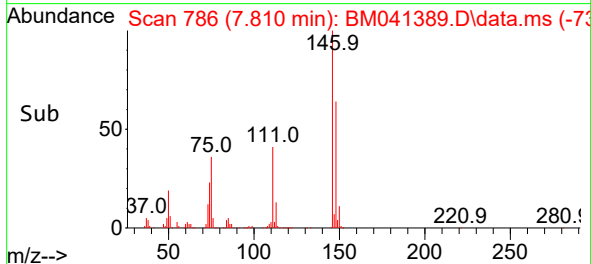
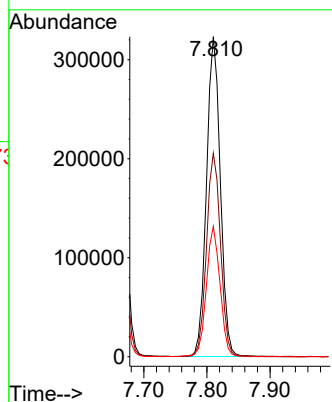
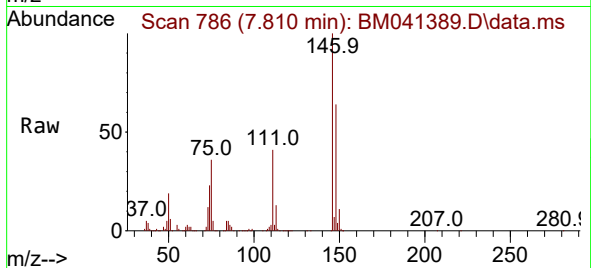
Tgt Ion:146 Resp: 491714

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 40.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 47.497 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

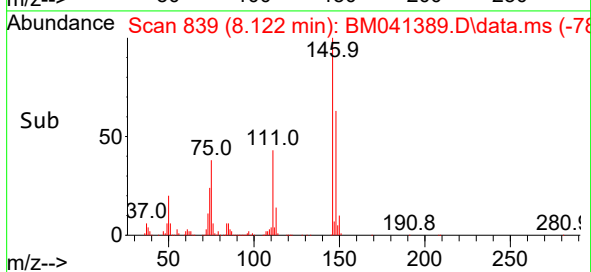
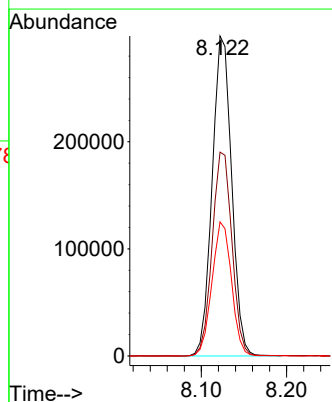
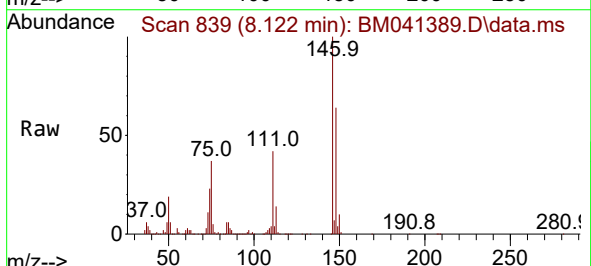
Tgt Ion:146 Resp: 474829

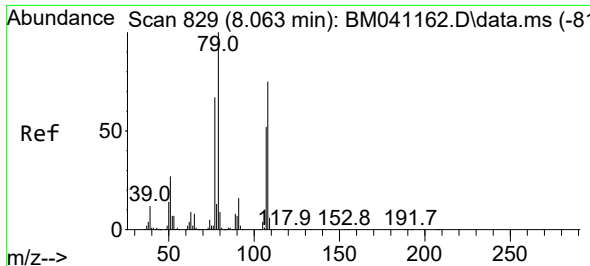
Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

111 41.9 33.8 50.6

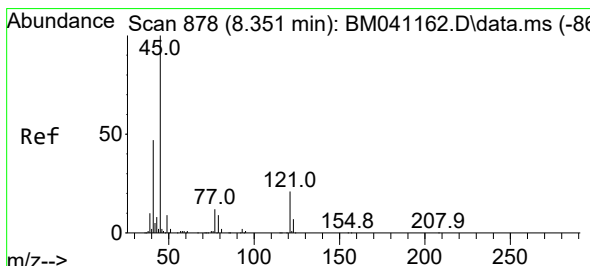
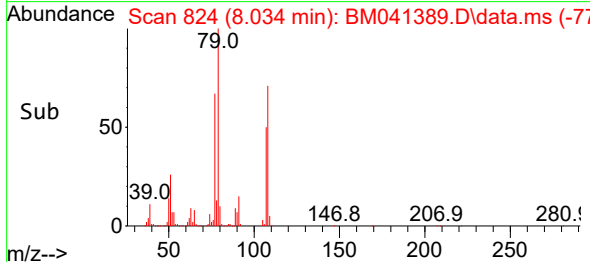
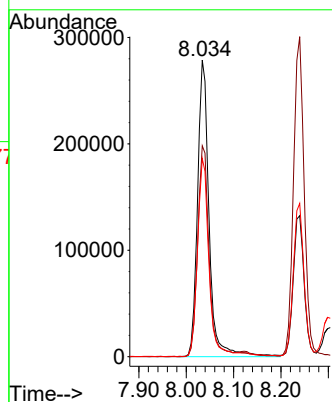
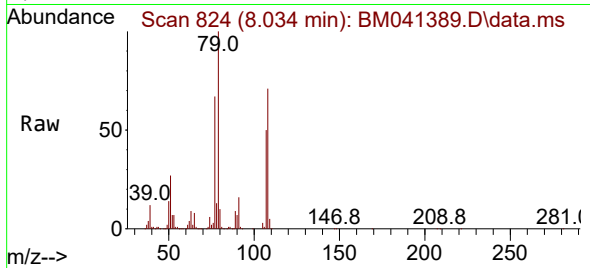




#15
Benzyl Alcohol
Concen: 59.076 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

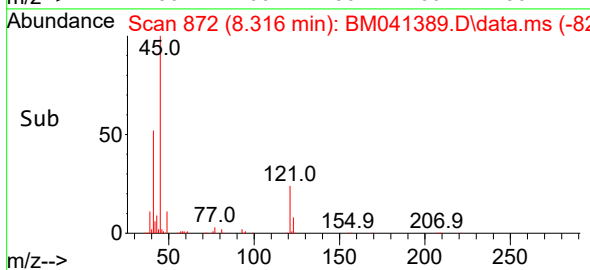
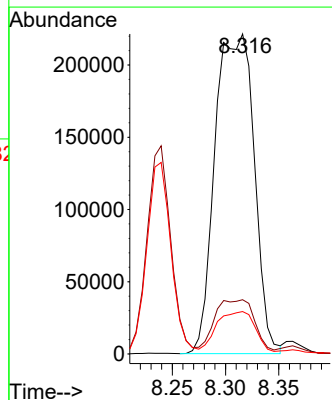
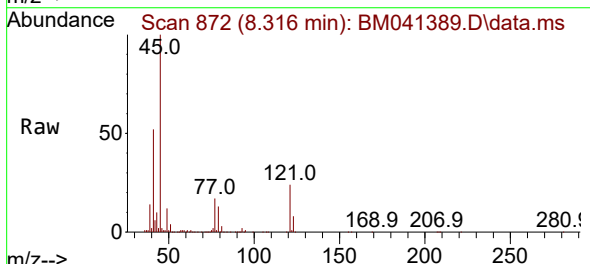
Instrument :
BNA_M
ClientSampleId :
WC-16MS

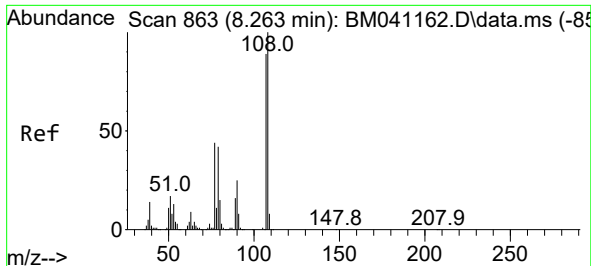
Tgt Ion: 79 Resp: 472064
Ion Ratio Lower Upper
79 100
108 71.1 59.8 89.8
77 66.8 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.791 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 45 Resp: 564017
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.5
79 13.2 0.0 32.1

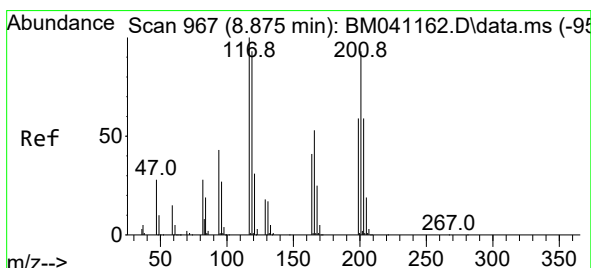
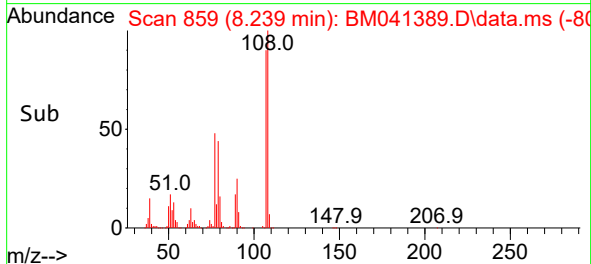
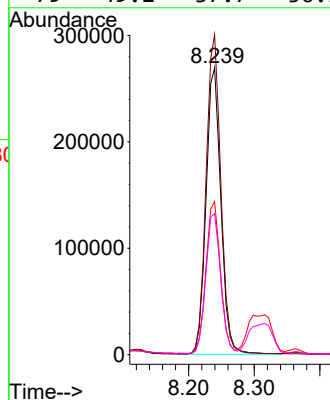
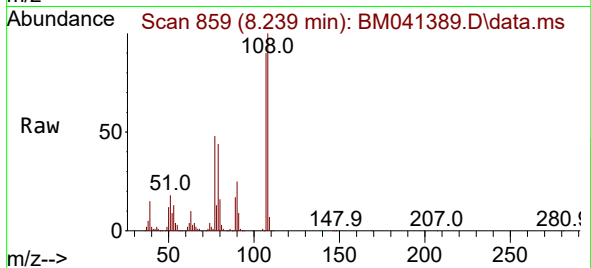




#17
2-Methylphenol
Concen: 50.664 ng
RT: 8.239 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

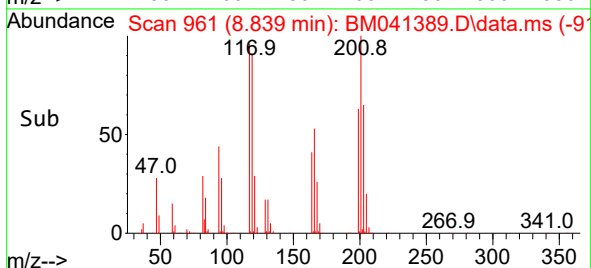
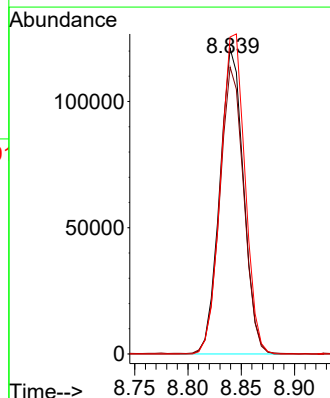
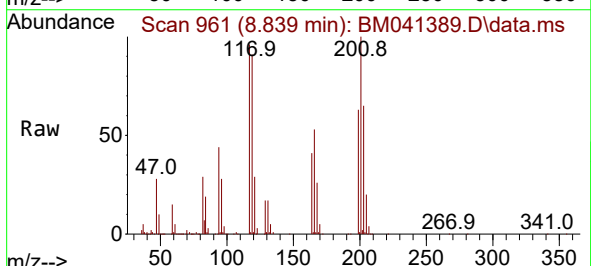
Instrument :
BNA_M
ClientSampleId :
WC-16MS

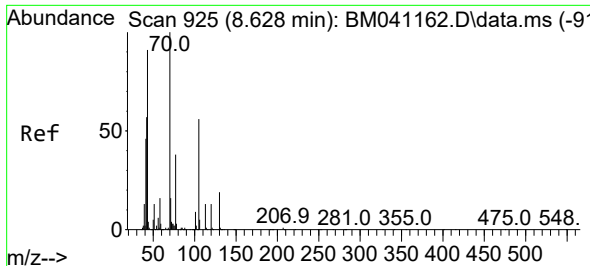
Tgt Ion:	107	Resp:	423014
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.9	134.9
77	53.5	39.8	59.8
79	49.2	37.7	56.5



#18
Hexachloroethane
Concen: 48.410 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:	117	Resp:	187912
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.2	111.4
201	103.7	74.5	111.7

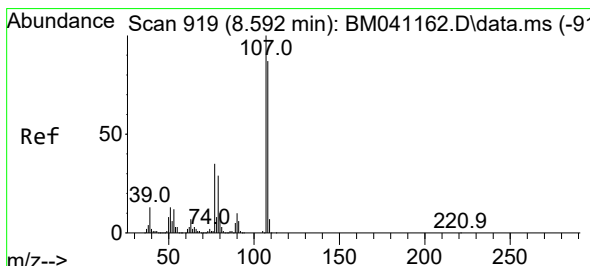
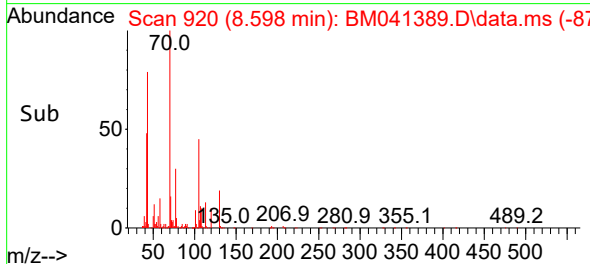
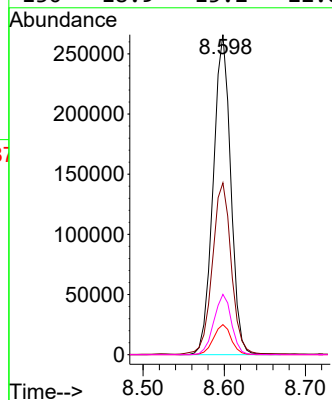
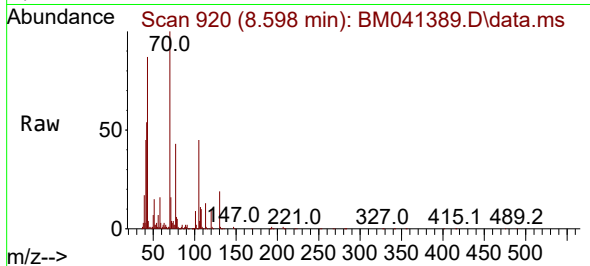




#19
n-Nitroso-di-n-propylamine
Concen: 52.090 ng
RT: 8.598 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

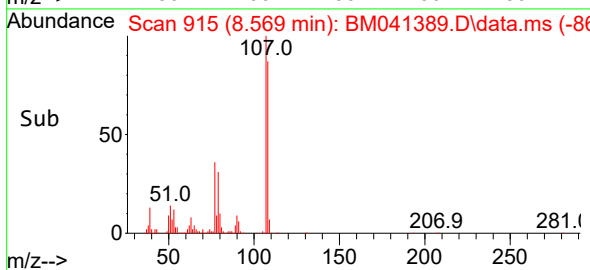
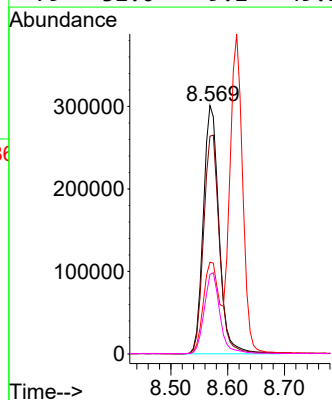
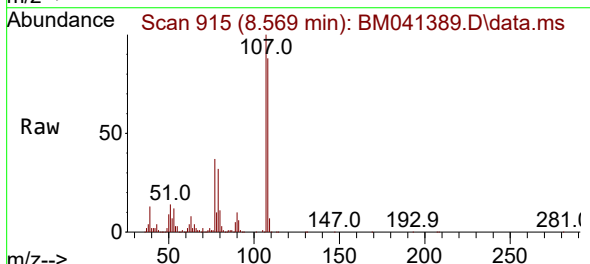
Instrument :
BNA_M
ClientSampleId :
WC-16MS

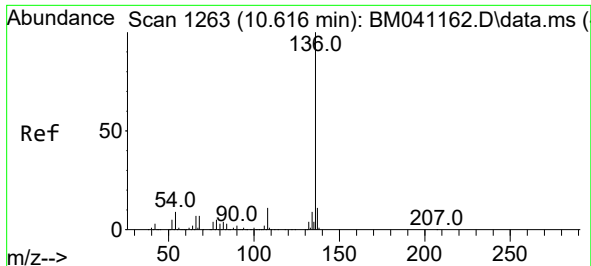
Tgt Ion: 70	Resp: 400338
Ion Ratio	Lower Upper
70 100	
42 53.7	45.8 68.8
101 9.4	7.4 11.0
130 18.9	15.2 22.8



#20
3+4-Methylphenols
Concen: 51.646 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt	Ion:107	Resp:	576550
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.2	107.2
77	37.0	15.4	55.4
79	32.0	9.2	49.2

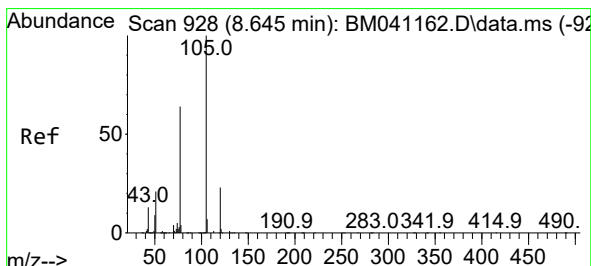
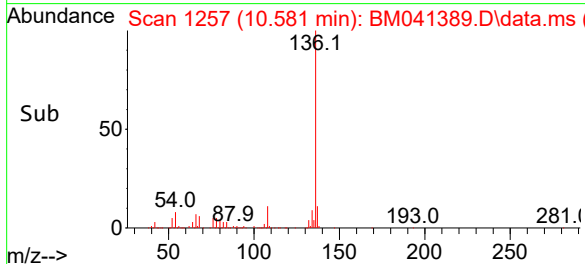
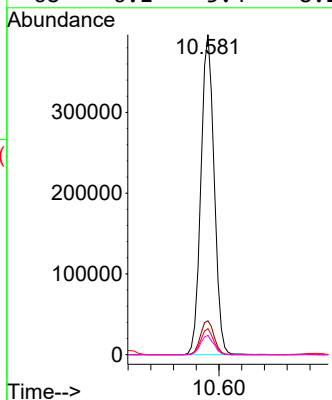
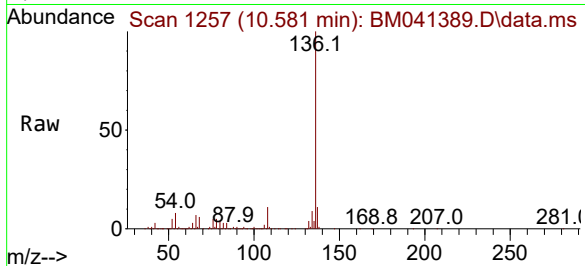




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

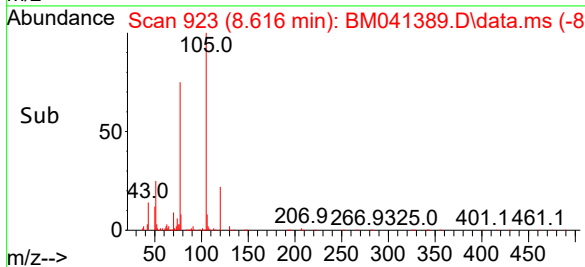
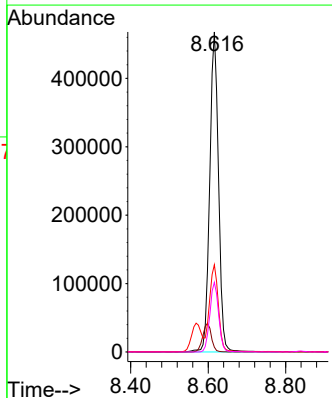
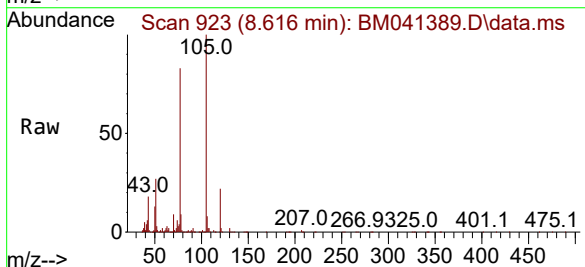
Instrument :
BNA_M
ClientSampleId :
WC-16MS

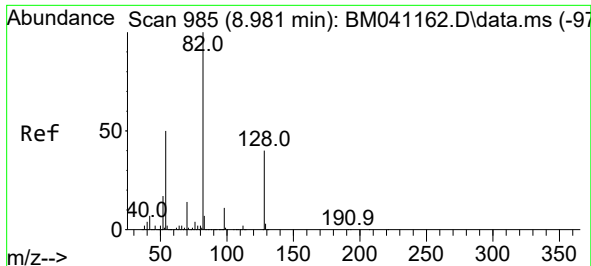
Tgt Ion:136 Resp: 638990
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 6.9 10.3
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 43.650 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:105 Resp: 738692
Ion Ratio Lower Upper
105 100
71 1.5 1.2 1.8
51 27.2 22.0 33.0
120 21.8 18.0 27.0





#23

Nitrobenzene-d5

Concen: 56.896 ng

RT: 8.951 min Scan# 980

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

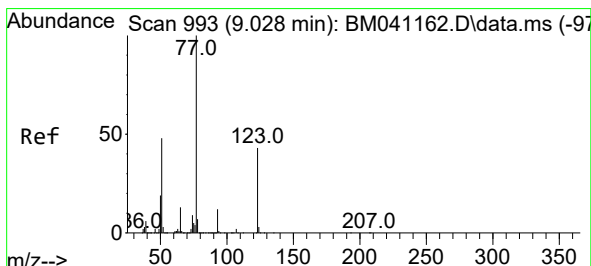
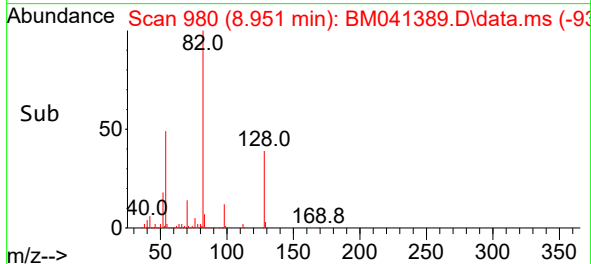
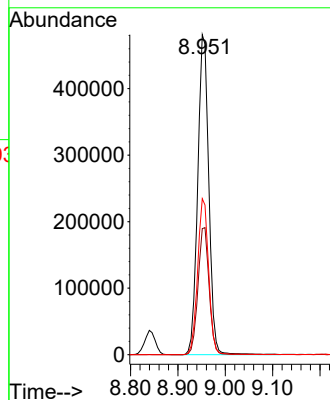
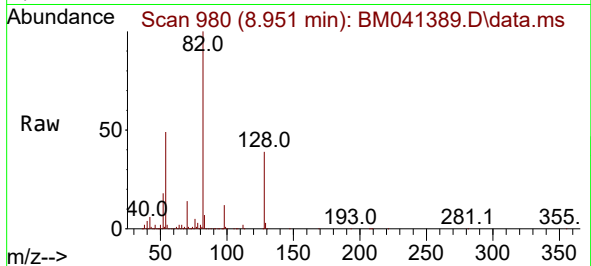
Tgt Ion: 82 Resp: 781769

Ion Ratio Lower Upper

82 100

128 39.4 31.8 47.6

54 48.8 40.1 60.1



#24

Nitrobenzene

Concen: 41.811 ng

RT: 8.998 min Scan# 988

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

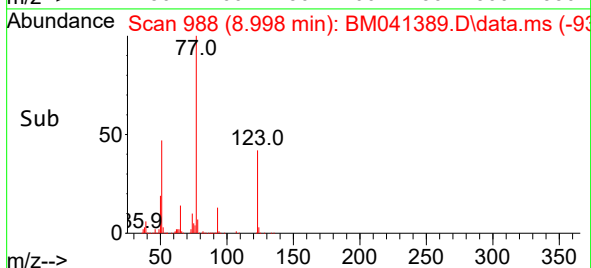
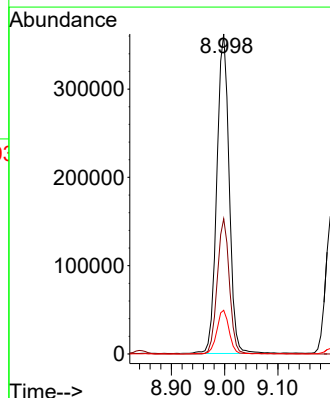
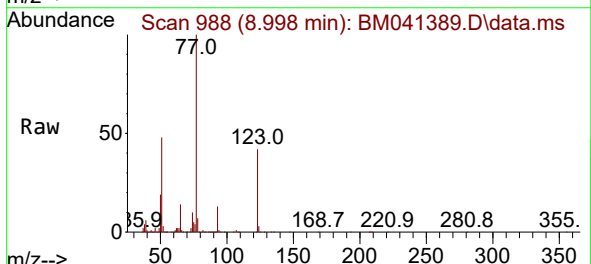
Tgt Ion: 77 Resp: 580983

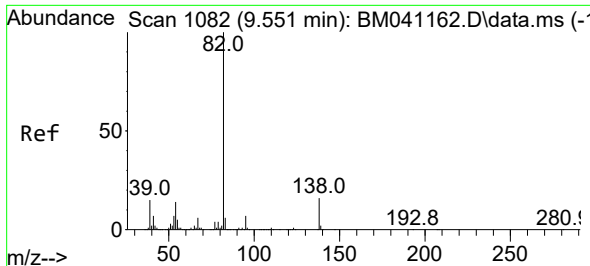
Ion Ratio Lower Upper

77 100

123 42.2 34.2 51.2

65 13.6 10.7 16.1

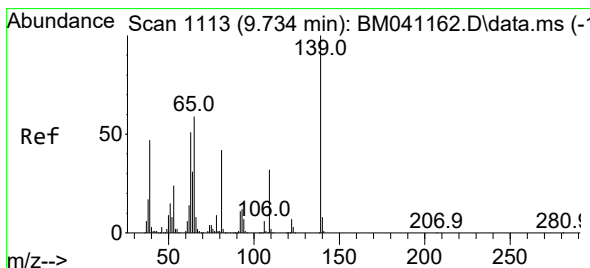
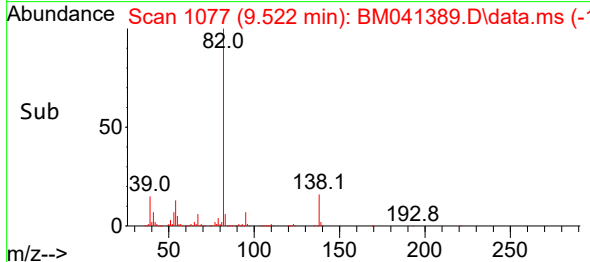
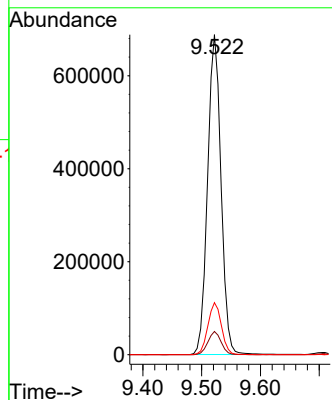
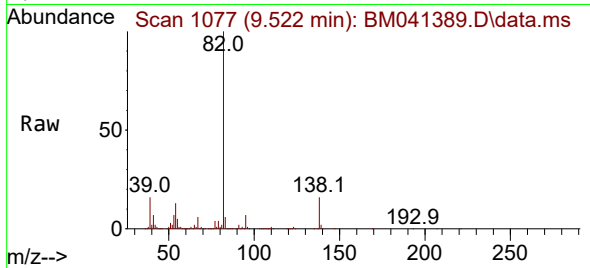




#25
Isophorone
Concen: 46.926 ng
RT: 9.522 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

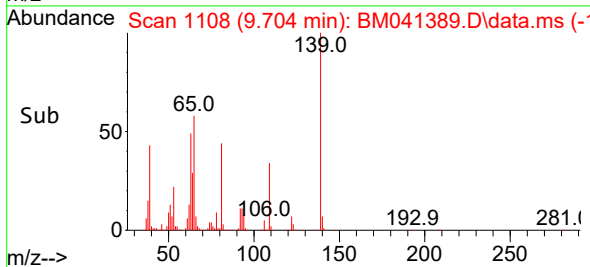
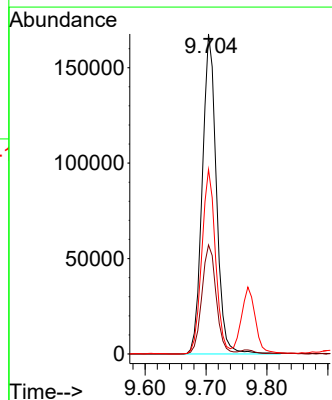
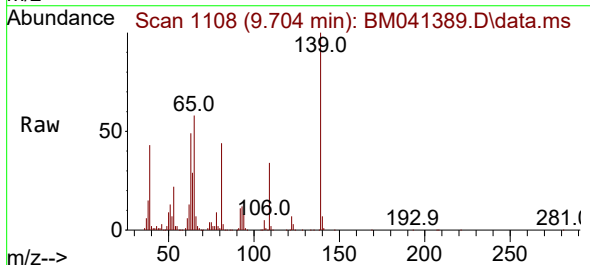
Instrument :
BNA_M
ClientSampleId :
WC-16MS

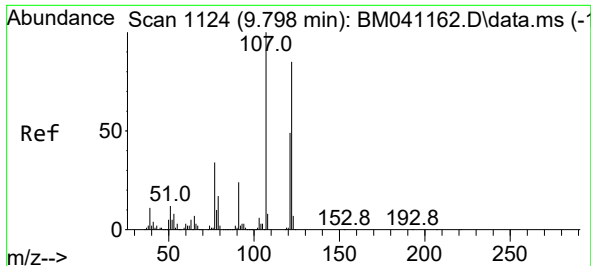
Tgt Ion: 82 Resp: 1094518
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.3 12.8 19.2



#26
2-Nitrophenol
Concen: 49.527 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion: 139 Resp: 269028
Ion Ratio Lower Upper
139 100
109 34.0 25.4 38.2
65 57.6 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 45.306 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

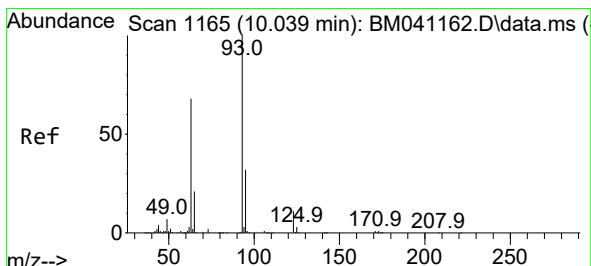
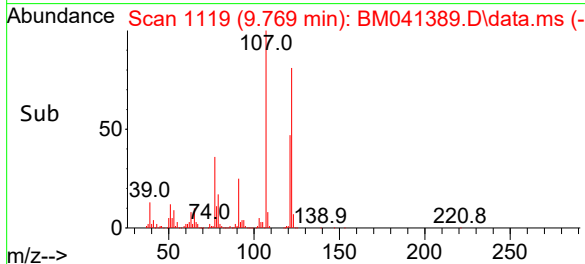
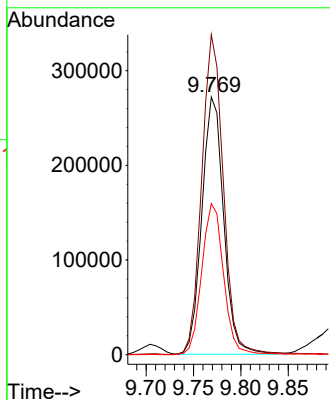
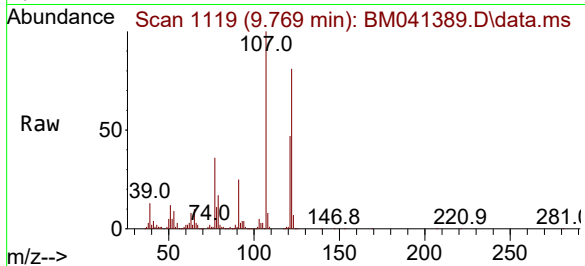
Tgt Ion:122 Resp: 433062

Ion Ratio Lower Upper

122 100

107 124.1 94.3 141.5

121 58.6 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.162 ng

RT: 10.004 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

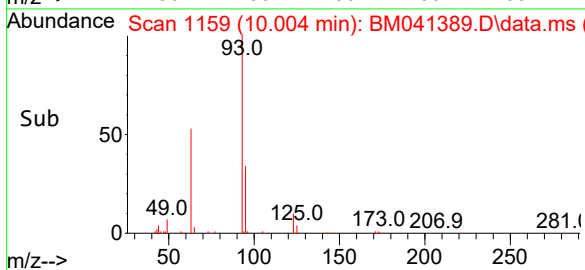
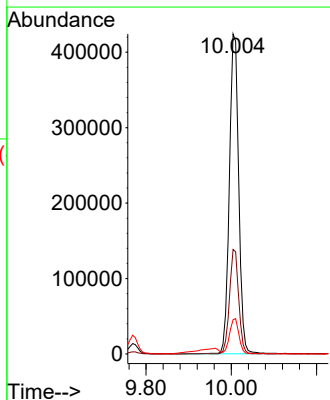
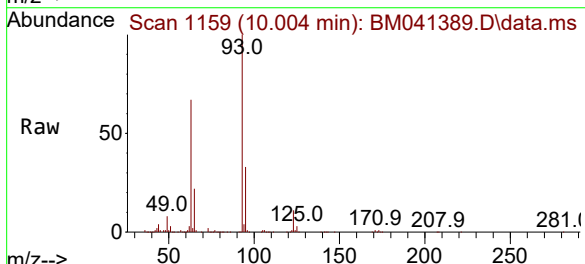
Tgt Ion: 93 Resp: 645233

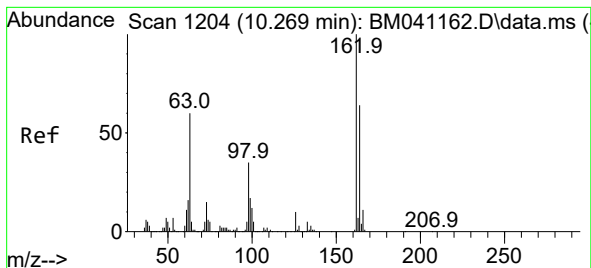
Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

123 10.7 9.1 13.7

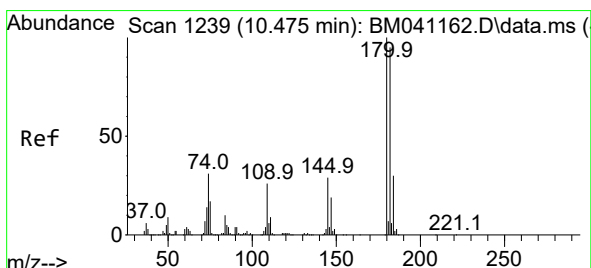
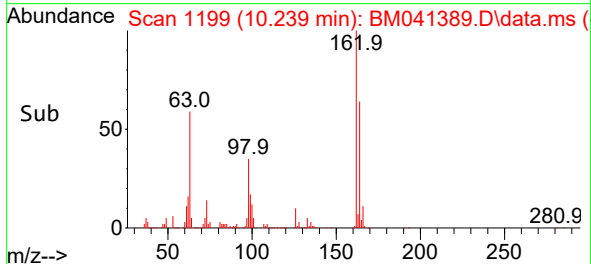
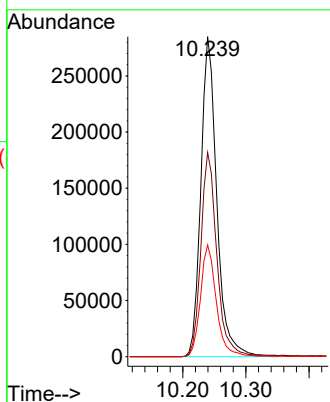
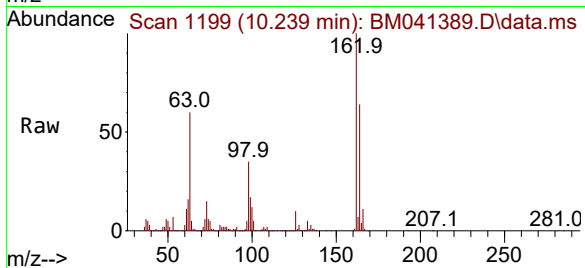




#29
2,4-Dichlorophenol
Concen: 52.000 ng
RT: 10.239 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

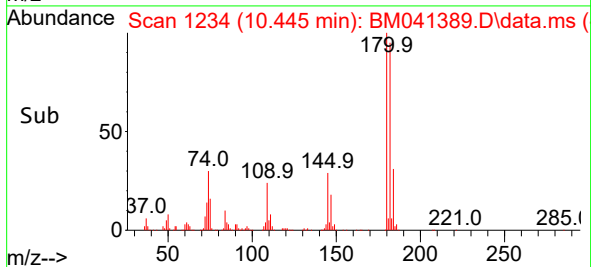
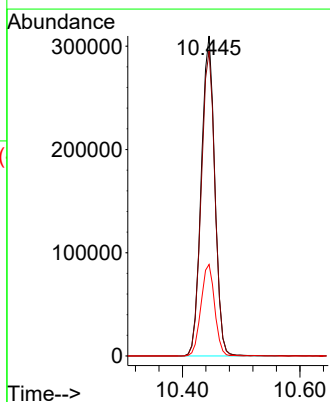
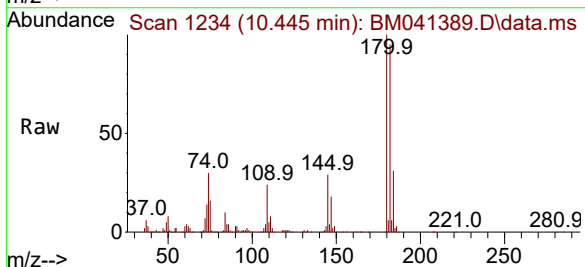
Instrument :
BNA_M
ClientSampleId :
WC-16MS

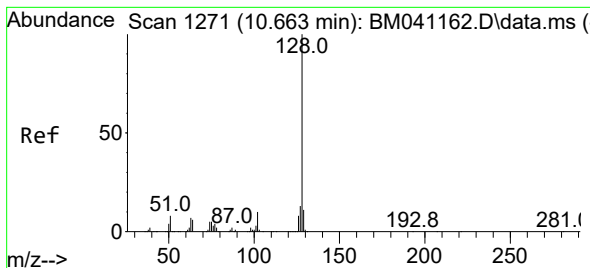
Tgt Ion:162 Resp: 501241
Ion Ratio Lower Upper
162 100
164 63.8 44.3 84.3
98 34.9 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 46.432 ng
RT: 10.445 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:180 Resp: 494498
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 28.6 23.6 35.4

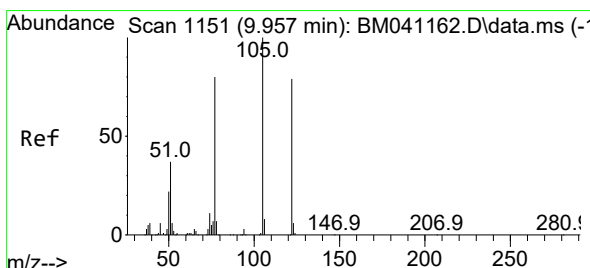
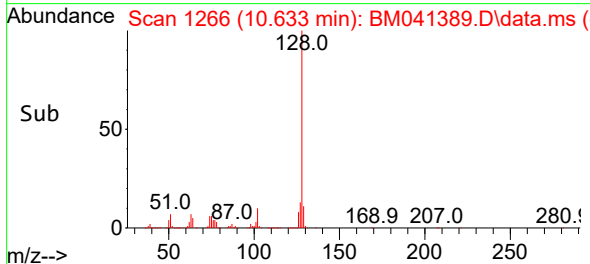
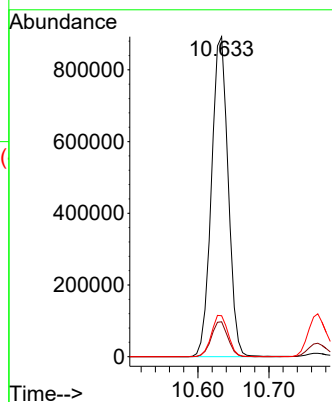
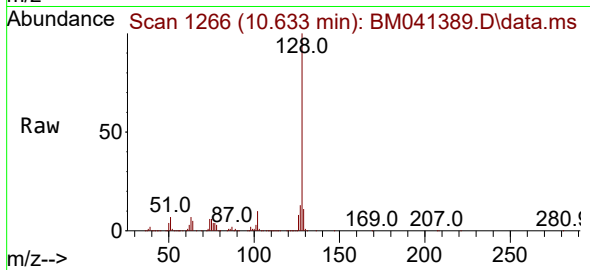




#31
Naphthalene
Concen: 41.971 ng
RT: 10.633 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

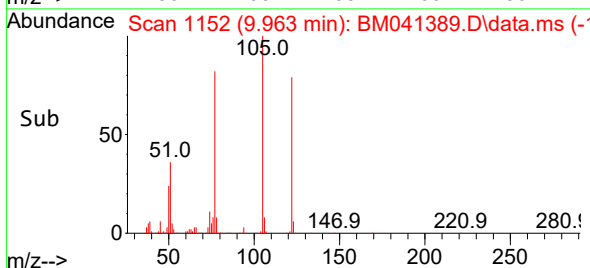
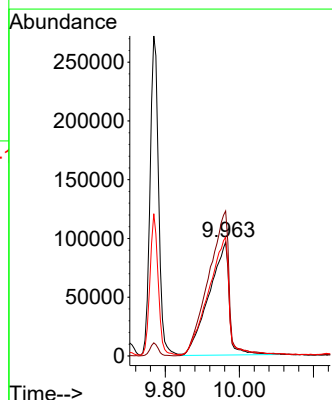
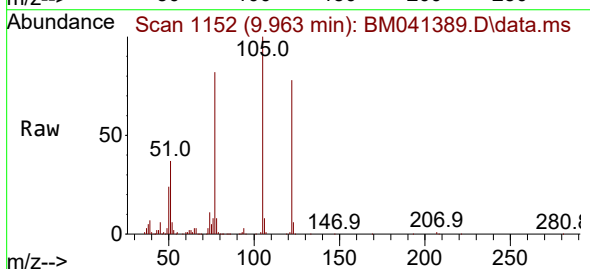
Instrument :
BNA_M
ClientSampleId :
WC-16MS

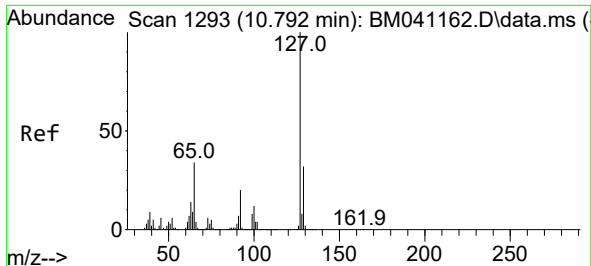
Tgt Ion:128 Resp: 1455345
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 50.231 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:122 Resp: 363413
Ion Ratio Lower Upper
122 100
105 127.5 104.0 144.0
77 104.4 79.9 119.9

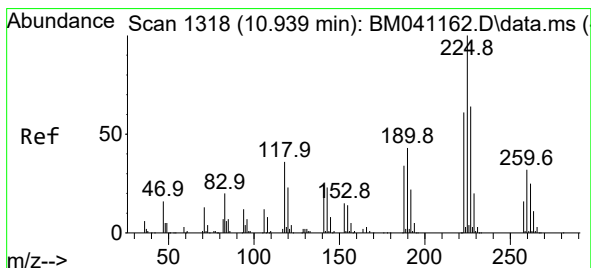
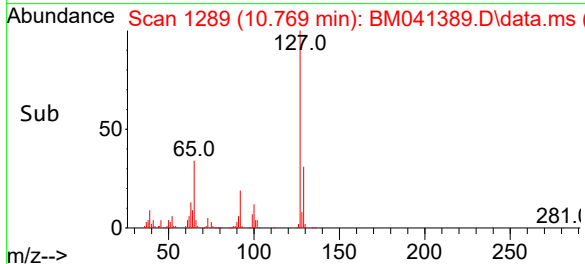
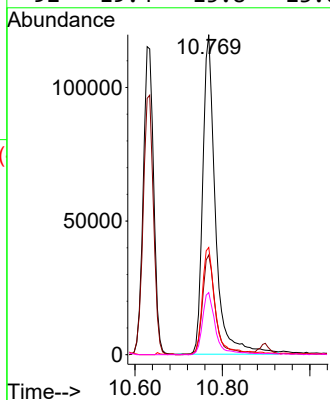
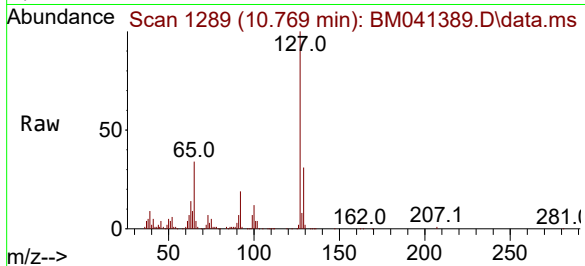




#33
4-Chloroaniline
Concen: 17.529 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

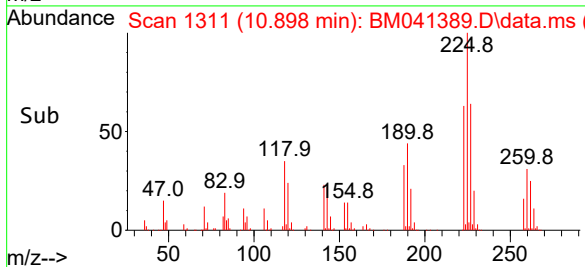
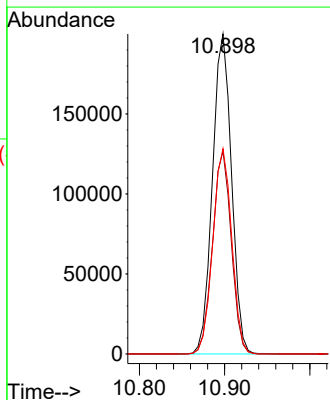
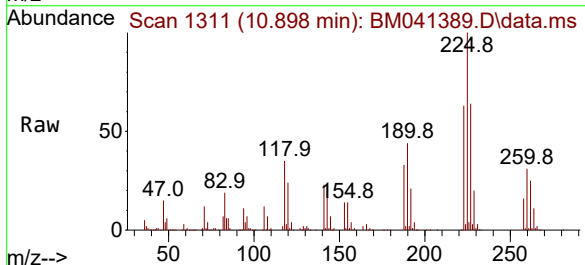
Instrument :
BNA_M
ClientSampleId :
WC-16MS

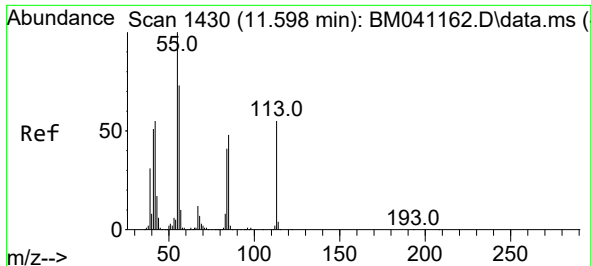
Tgt Ion:	127	Resp:	242911
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	33.5	26.9	40.3
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 48.562 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:	225	Resp:	311049
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.4
227	64.1	50.8	76.2

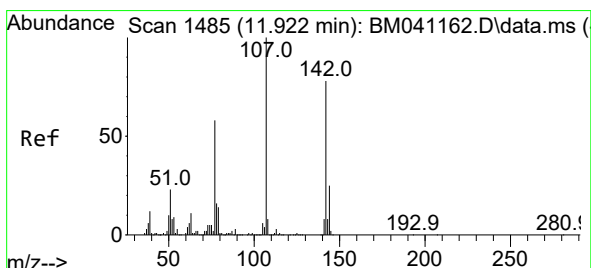
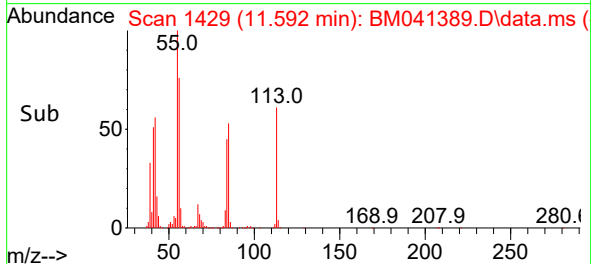
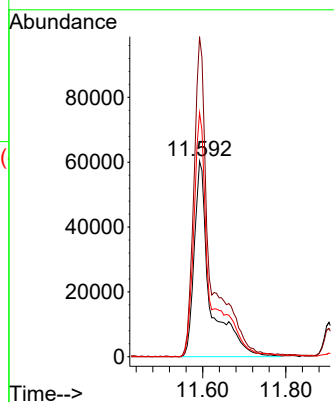
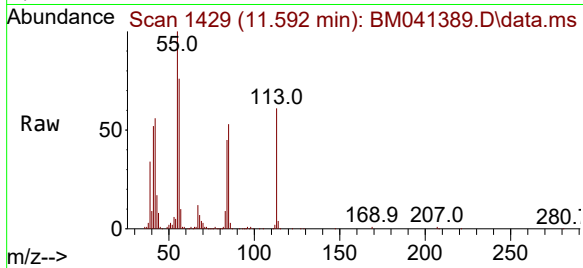




#35
Caprolactam
Concen: 58.204 ng
RT: 11.592 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

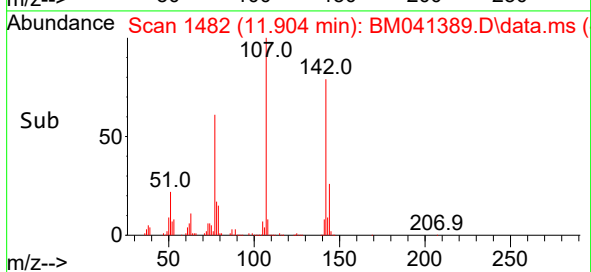
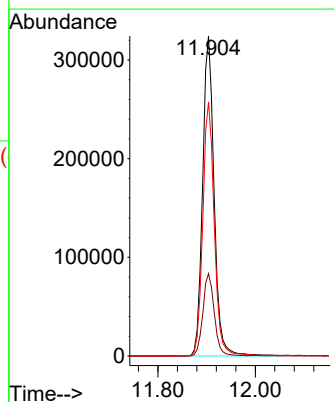
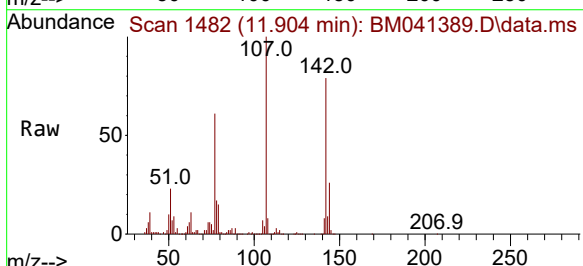
Instrument :
BNA_M
ClientSampleId :
WC-16MS

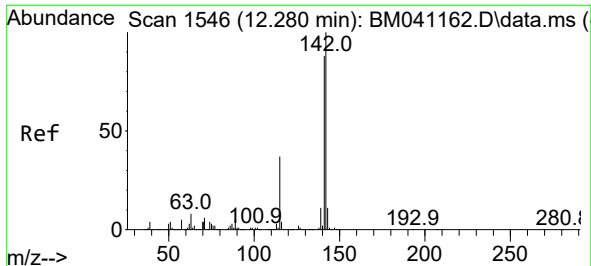
Tgt Ion:113 Resp: 162301
Ion Ratio Lower Upper
113 100
55 163.6 162.5 202.5
56 124.8 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 52.590 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:107 Resp: 533559
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 79.4 62.2 93.4





#37

2-Methylnaphthalene

Concen: 44.261 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

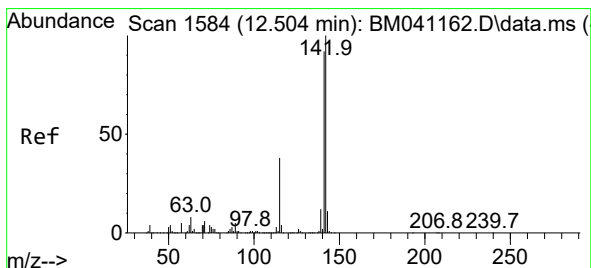
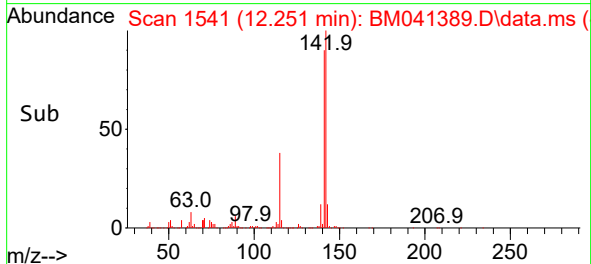
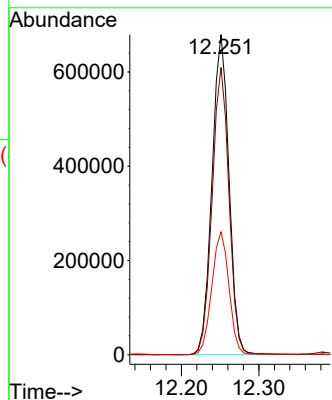
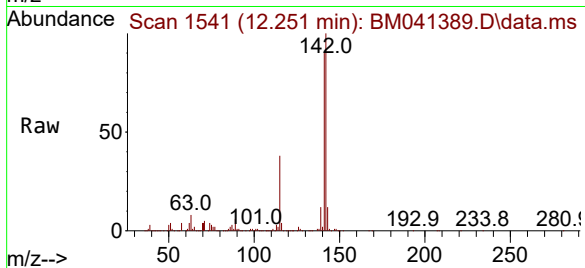
Tgt Ion:142 Resp: 1034696

Ion Ratio Lower Upper

142 100

141 89.8 70.7 106.1

115 38.4 29.3 43.9



#38

1-Methylnaphthalene

Concen: 45.542 ng

RT: 12.475 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

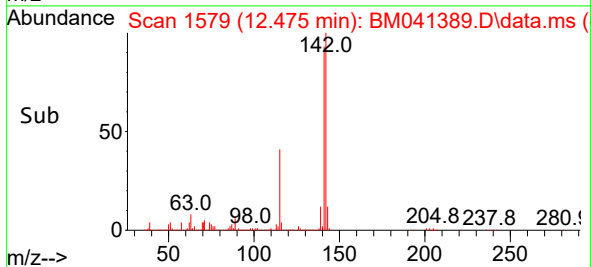
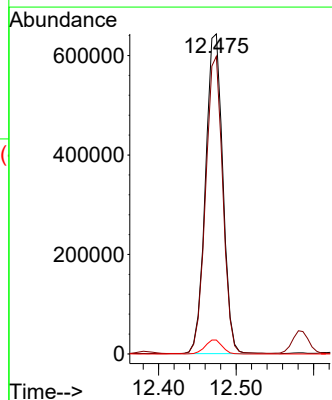
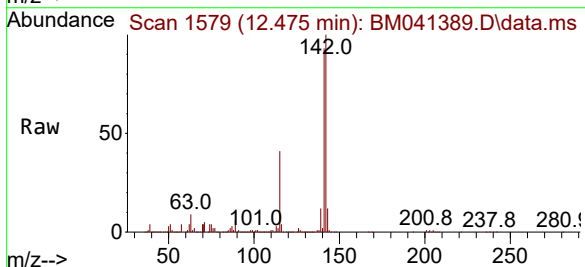
Tgt Ion:142 Resp: 996458

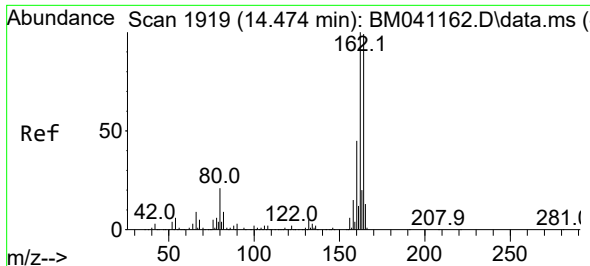
Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.2

116 4.3 3.2 4.8

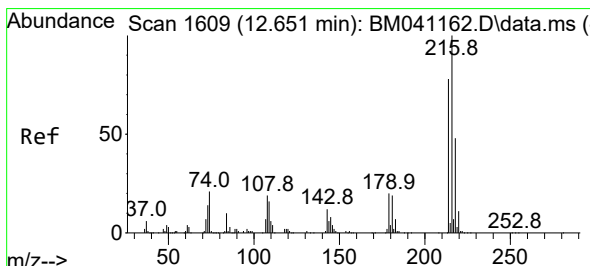
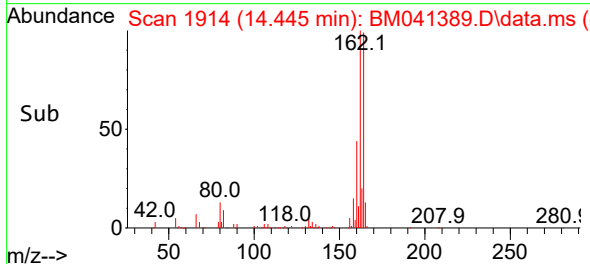
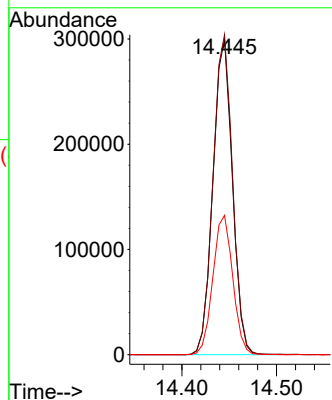
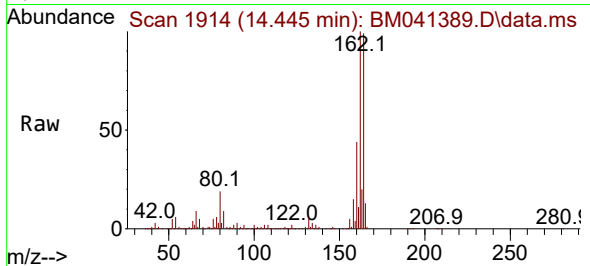




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

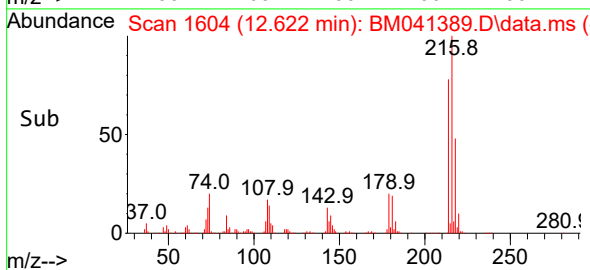
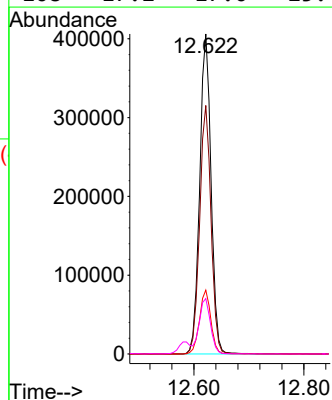
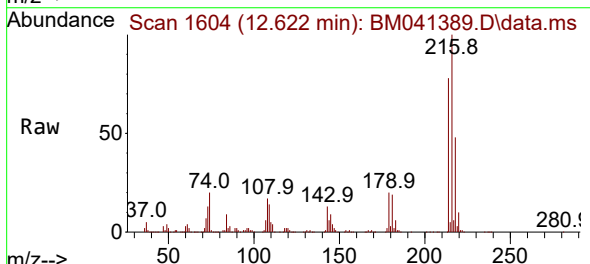
Instrument :
BNA_M
ClientSampleId :
WC-16MS

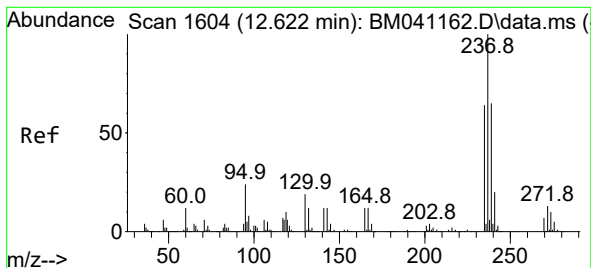
Tgt Ion:164 Resp: 426516
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 44.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.069 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:216 Resp: 582627
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.0 16.2 24.2
108 17.2 17.0 25.4

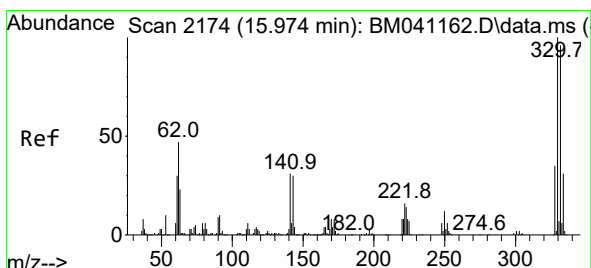
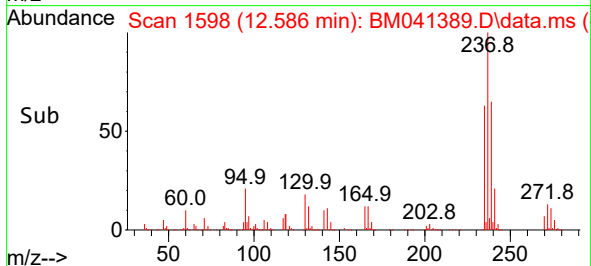
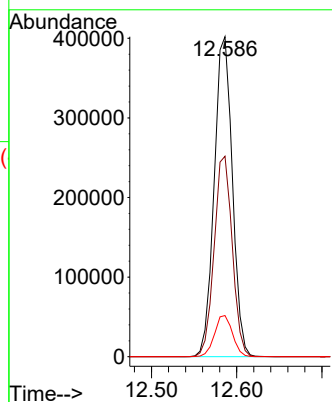
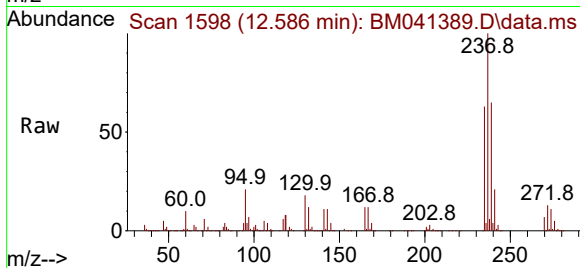




#41
Hexachlorocyclopentadiene
Concen: 81.246 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

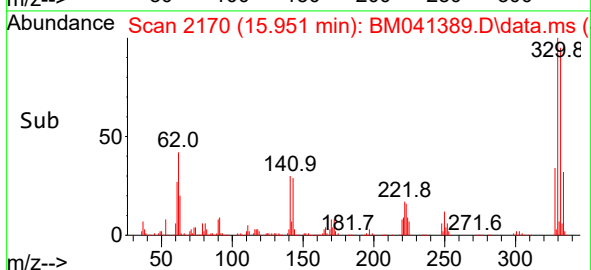
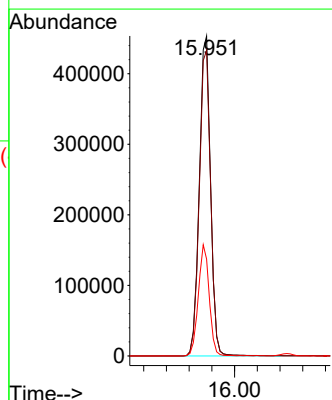
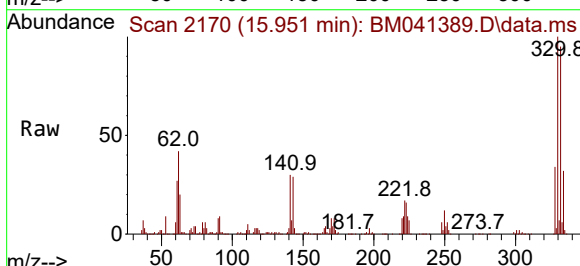
Instrument :
BNA_M
ClientSampleId :
WC-16MS

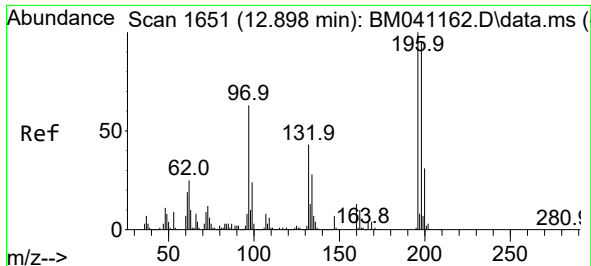
Tgt Ion:237 Resp: 595292
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 103.268 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:330 Resp: 622997
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 34.0 28.3 42.5

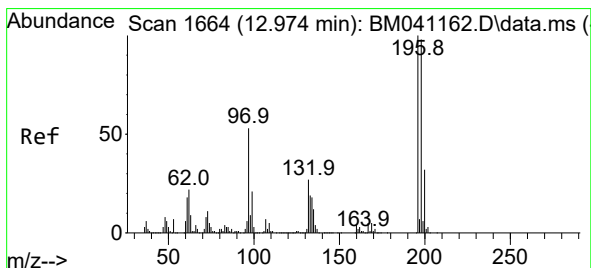
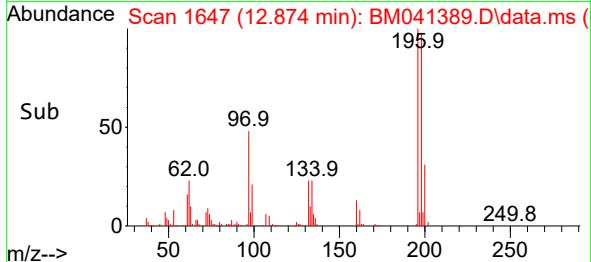
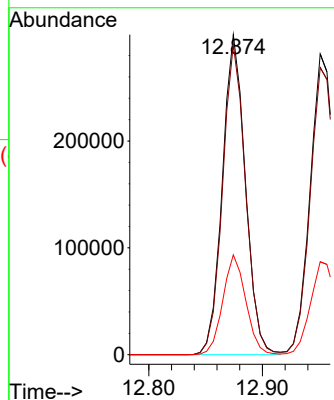
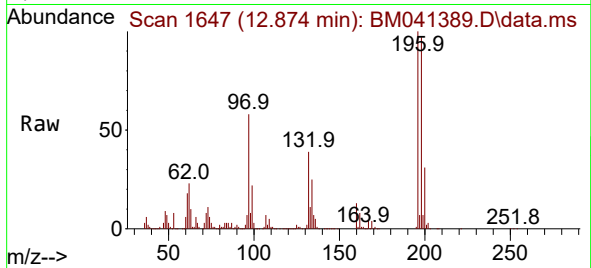




#43
2,4,6-Trichlorophenol
Concen: 47.551 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

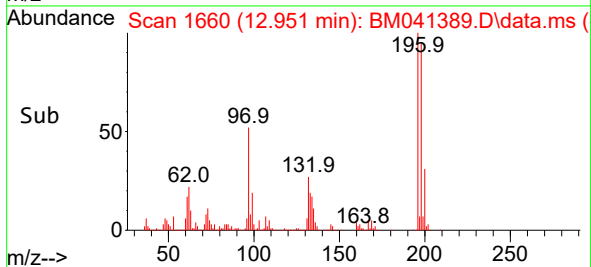
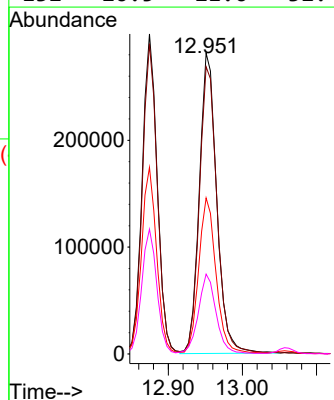
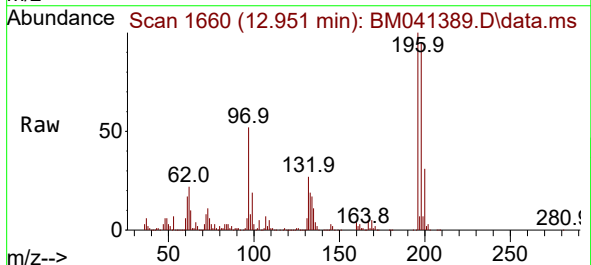
Instrument :
BNA_M
ClientSampleId :
WC-16MS

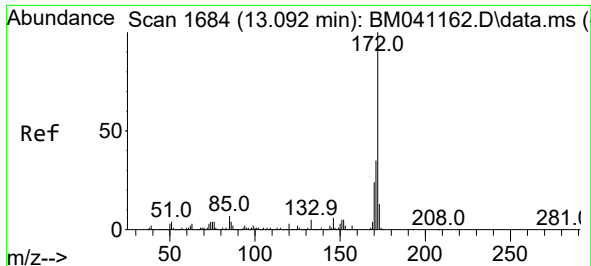
Tgt Ion:196 Resp: 422097
Ion Ratio Lower Upper
196 100
198 97.0 76.2 114.4
200 31.2 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 44.729 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:196 Resp: 459547
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.4
97 51.8 42.7 64.1
132 26.5 21.6 32.4

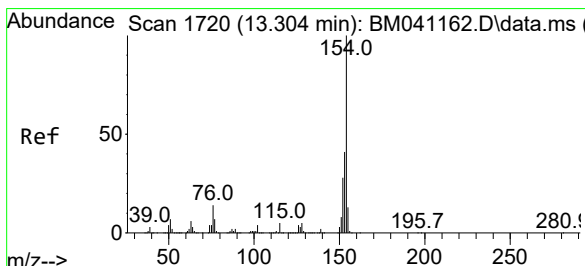
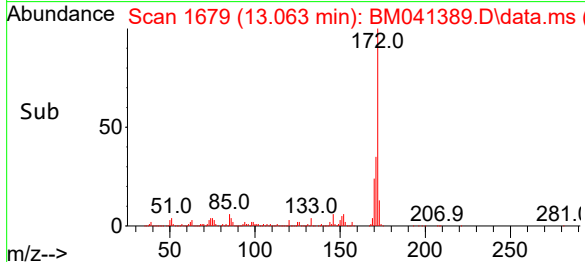
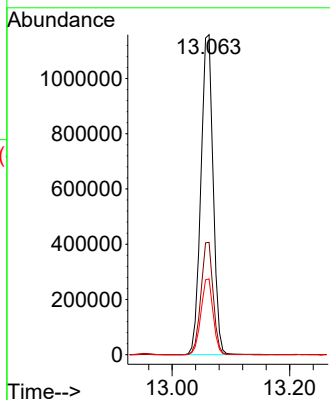
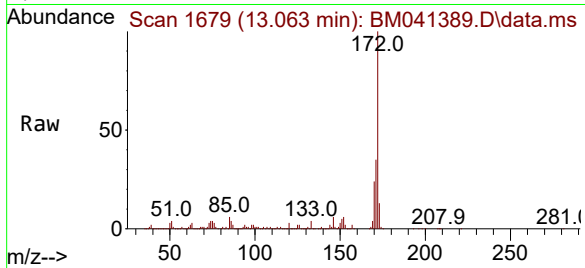




#45
2-Fluorobiphenyl
Concen: 49.702 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

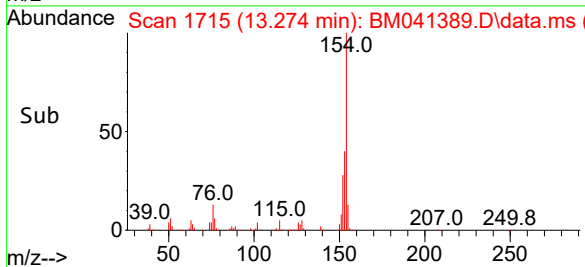
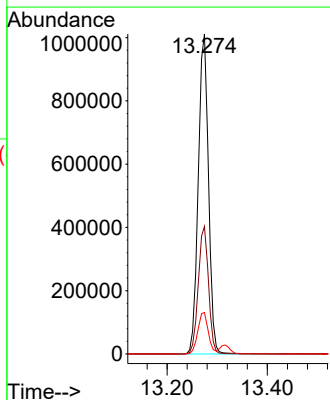
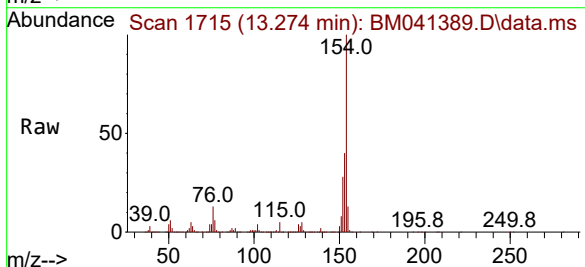
Instrument :
BNA_M
ClientSampleId :
WC-16MS

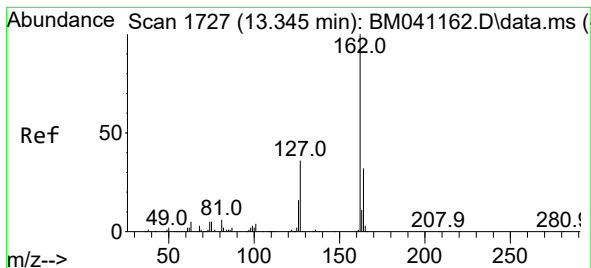
Tgt Ion:172 Resp: 1678117
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.289 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:154 Resp: 1427657
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 12.9 0.0 34.1





#47

2-Chloronaphthalene

Concen: 42.955 ng

RT: 13.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

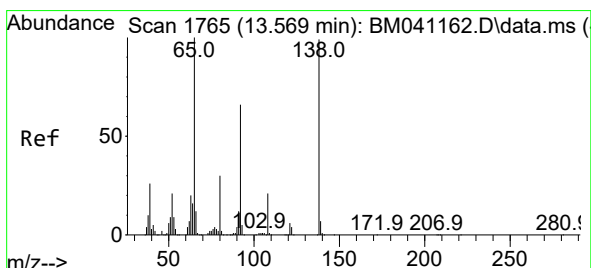
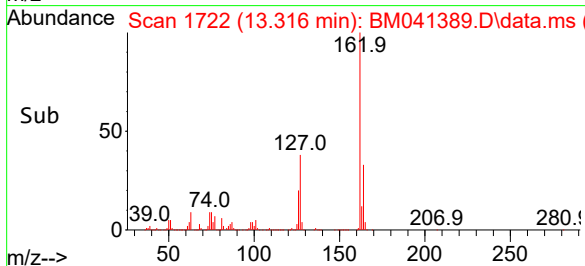
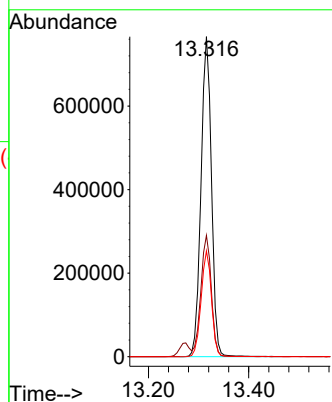
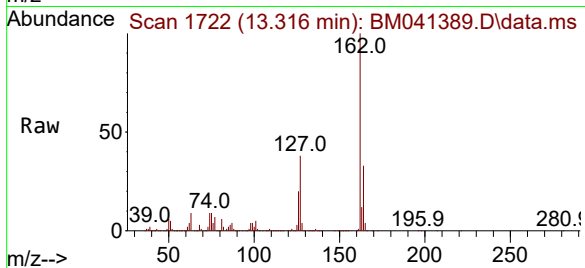
Tgt Ion:162 Resp: 1109014

Ion Ratio Lower Upper

162 100

127 37.9 30.6 45.8

164 33.1 25.6 38.4



#48

2-Nitroaniline

Concen: 45.358 ng

RT: 13.545 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

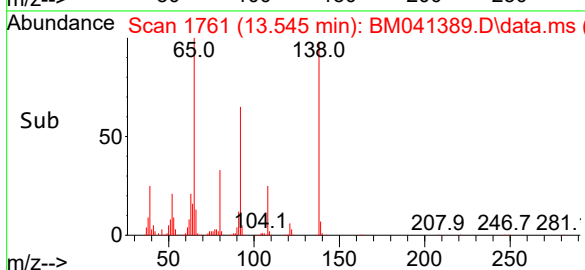
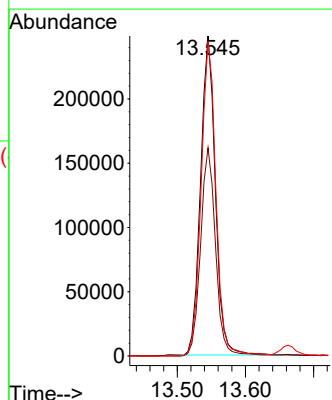
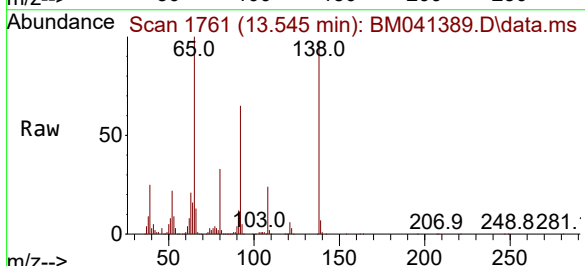
Tgt Ion: 65 Resp: 373793

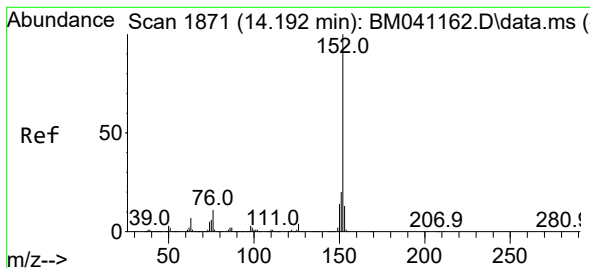
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.4

138 98.3 79.1 118.7





#49

Acenaphthylene

Concen: 44.469 ng

RT: 14.169 min Scan# 1867

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

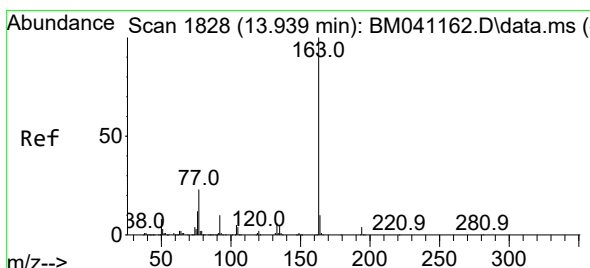
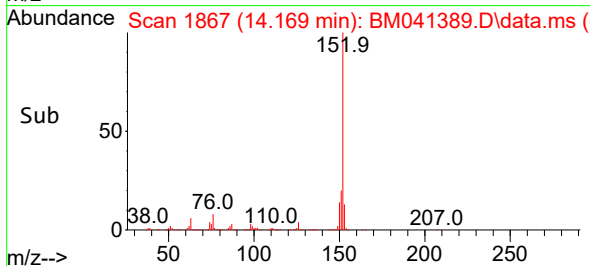
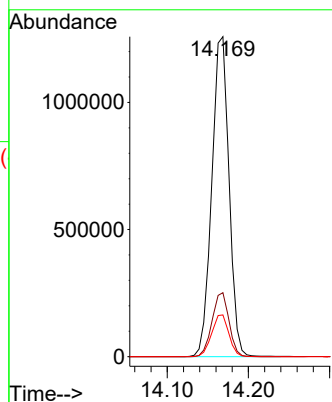
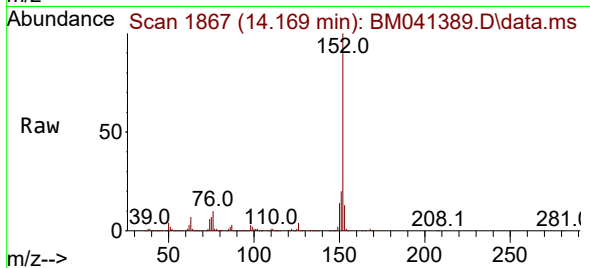
Tgt Ion:152 Resp: 1853089

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 46.273 ng

RT: 13.916 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

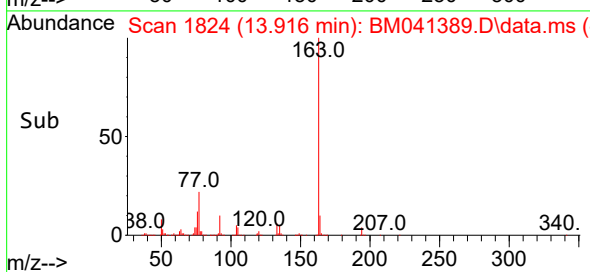
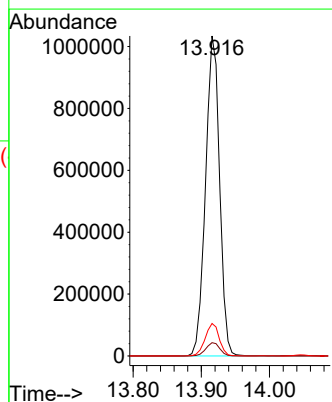
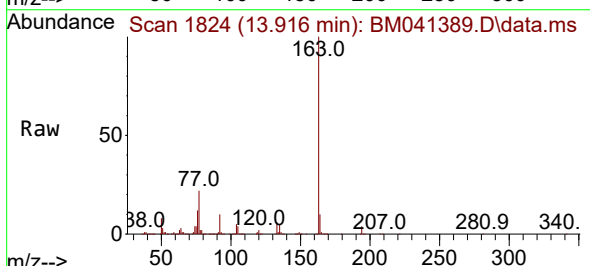
Tgt Ion:163 Resp: 1484583

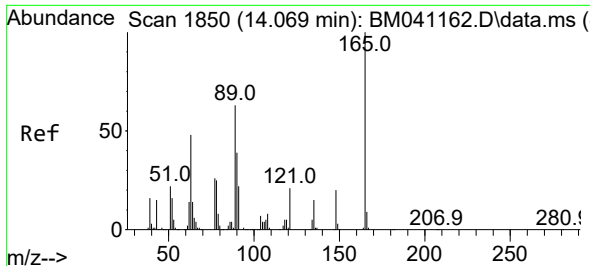
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.3 12.5

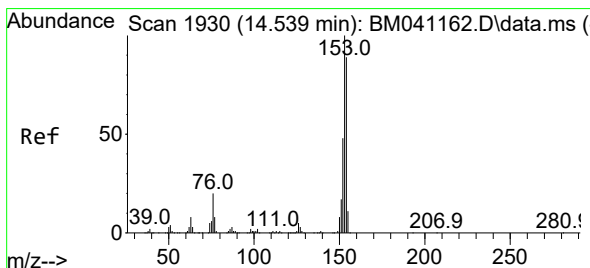
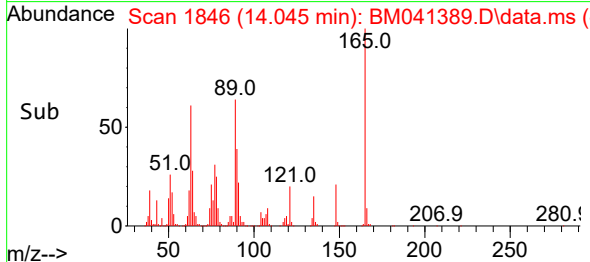
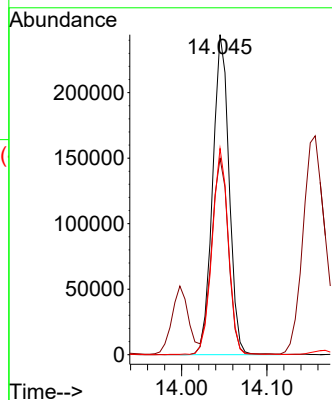
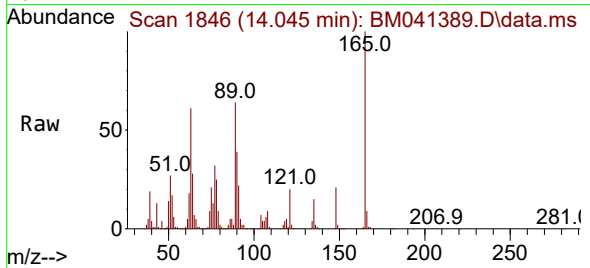




#51
2,6-Dinitrotoluene
Concen: 49.204 ng
RT: 14.045 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

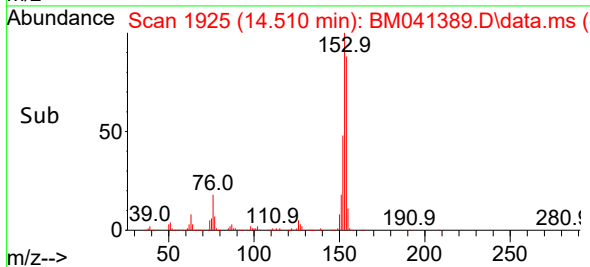
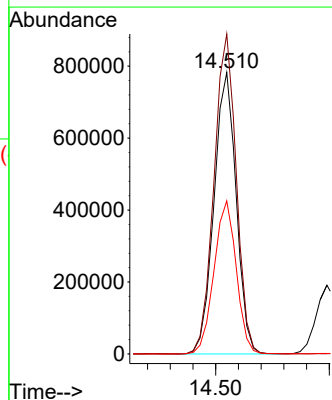
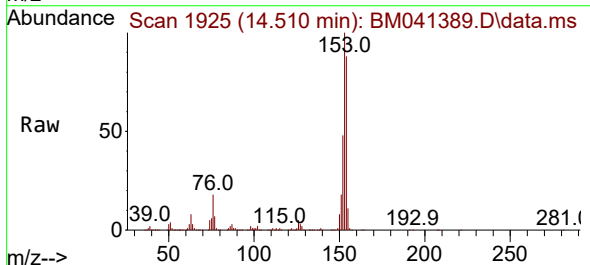
Instrument :
BNA_M
ClientSampleId :
WC-16MS

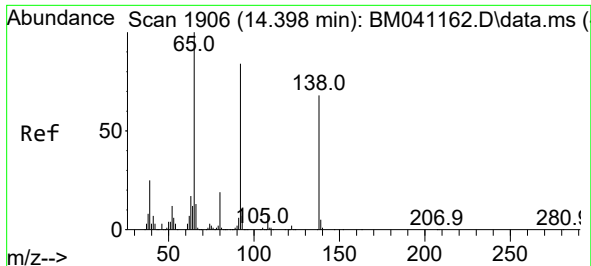
Tgt Ion:165 Resp: 327090
Ion Ratio Lower Upper
165 100
63 61.4 50.9 76.3
89 64.4 50.6 76.0



#52
Acenaphthene
Concen: 42.372 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:154 Resp: 1063711
Ion Ratio Lower Upper
154 100
153 113.7 90.2 135.4
152 54.4 43.4 65.0

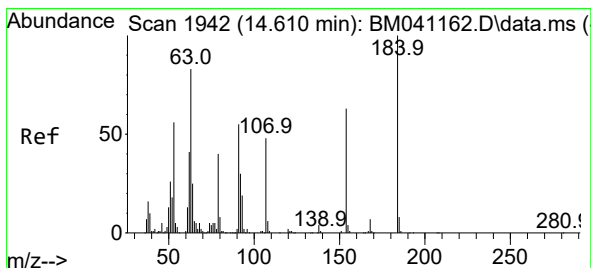
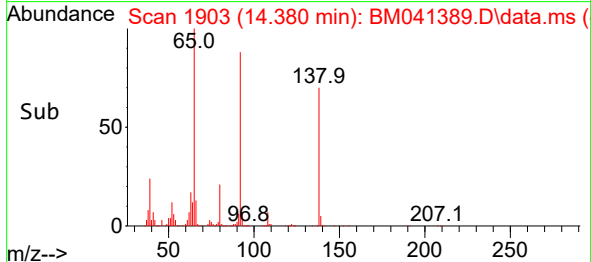
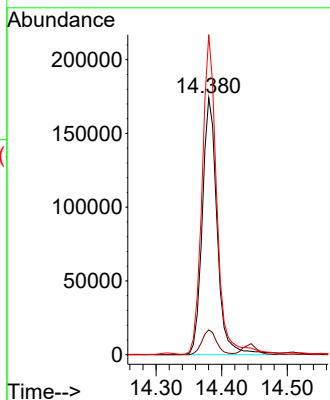
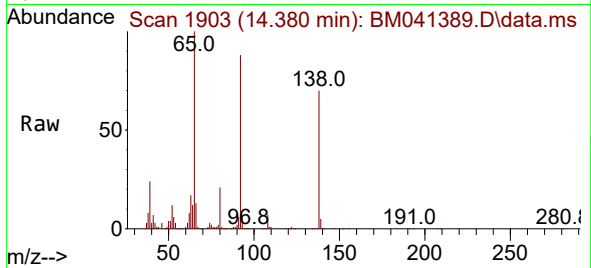




#53
3-Nitroaniline
Concen: 36.400 ng
RT: 14.380 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

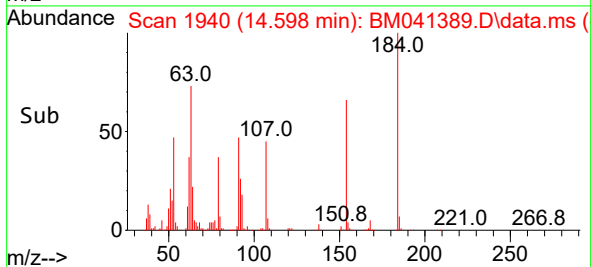
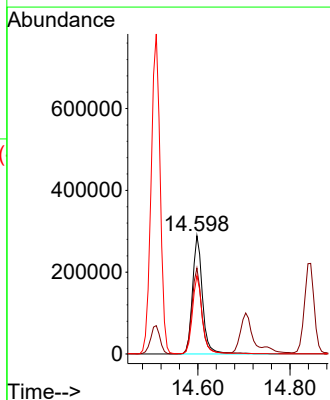
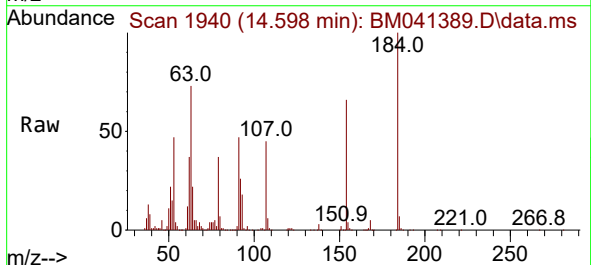
Instrument :
BNA_M
ClientSampleId :
WC-16MS

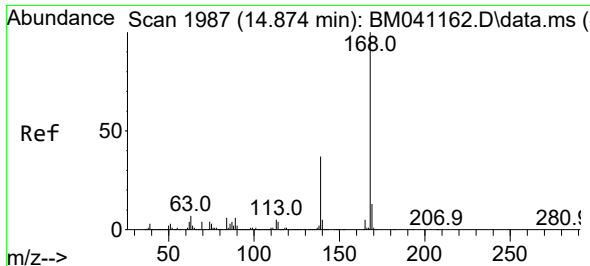
Tgt Ion:138 Resp: 274943
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 124.5 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 95.745 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:184 Resp: 435376
Ion Ratio Lower Upper
184 100
63 72.7 66.5 99.7
154 66.2 52.8 79.2

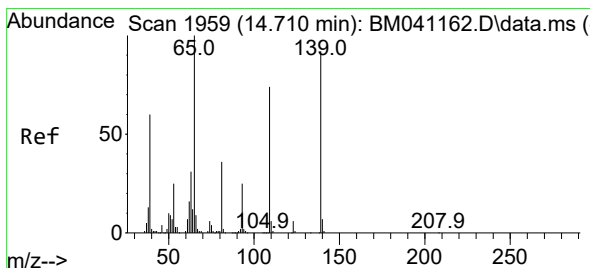
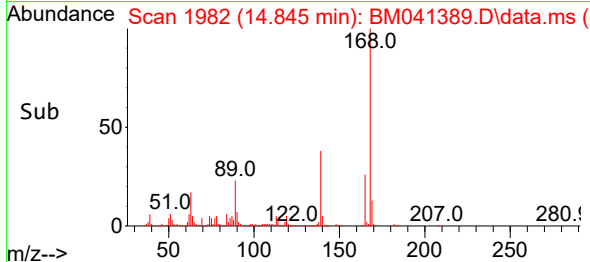
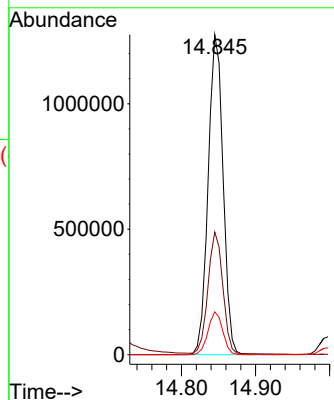
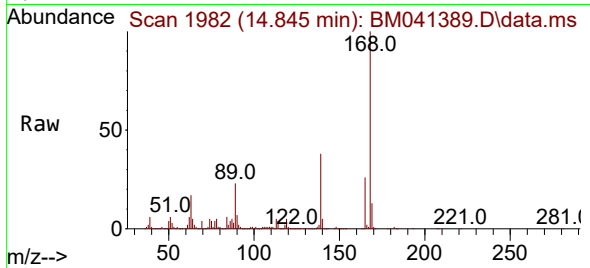




#55
Dibenzenofuran
Concen: 43.662 ng
RT: 14.845 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

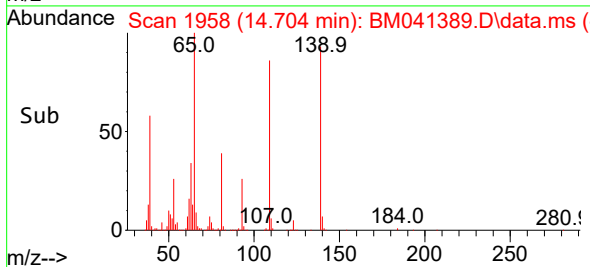
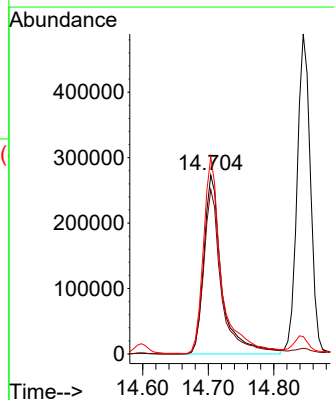
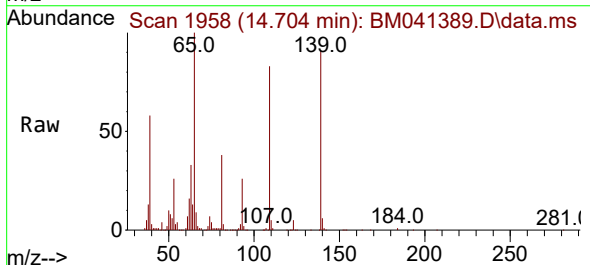
Instrument :
BNA_M
ClientSampleId :
WC-16MS

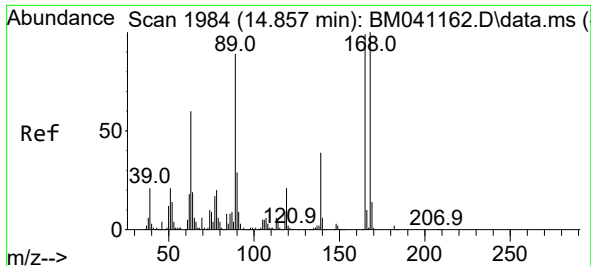
Tgt Ion:168 Resp: 1788357
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 94.223 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:139 Resp: 522024
Ion Ratio Lower Upper
139 100
109 92.0 61.2 101.2
65 110.2 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 48.718 ng

RT: 14.845 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion:165 Resp: 462899

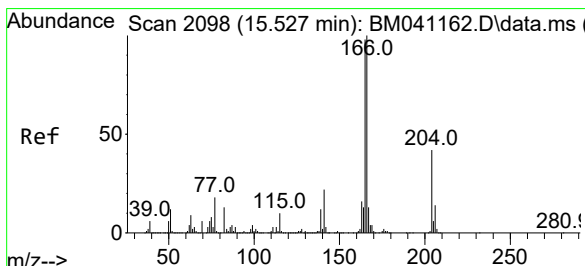
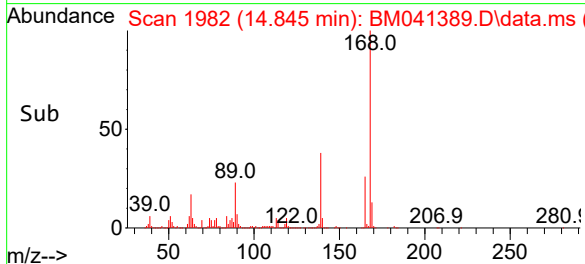
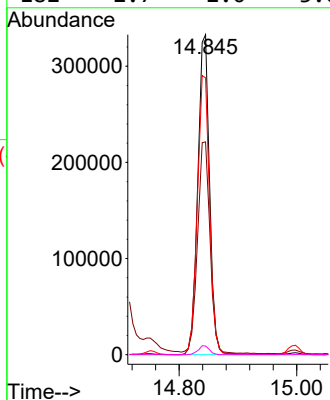
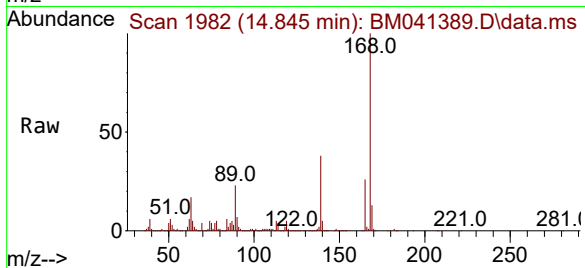
Ion Ratio Lower Upper

165 100

63 66.5 48.3 72.5

89 86.5 71.8 107.8

182 2.7 2.0 3.0



#58

Fluorene

Concen: 44.390 ng

RT: 15.498 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

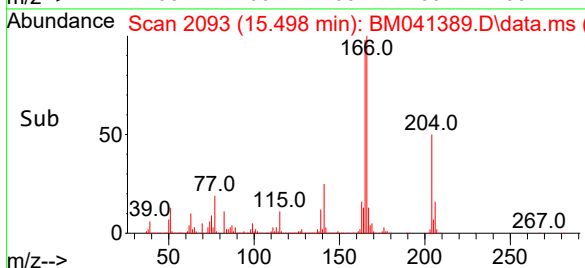
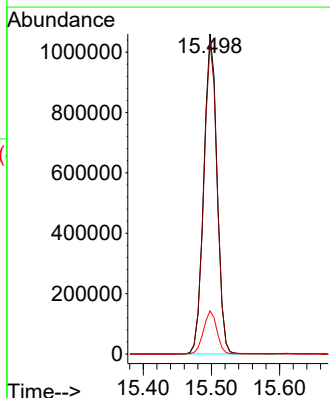
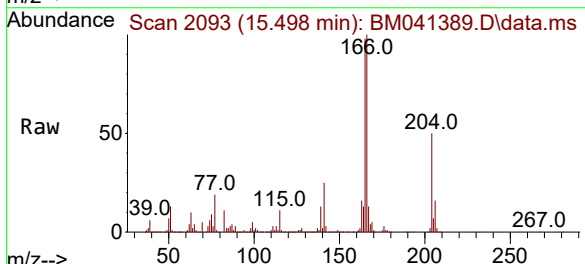
Tgt Ion:166 Resp: 1434323

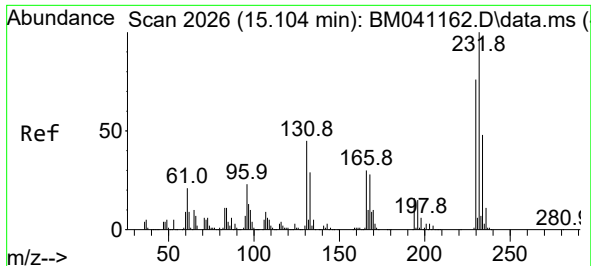
Ion Ratio Lower Upper

166 100

165 97.5 78.2 117.4

167 13.5 10.6 16.0

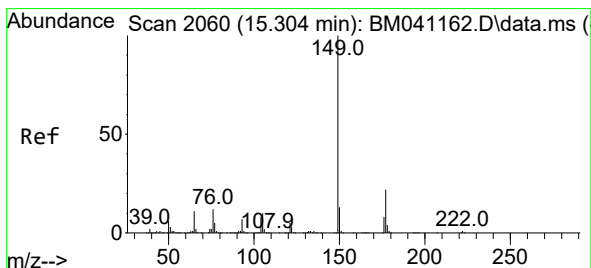
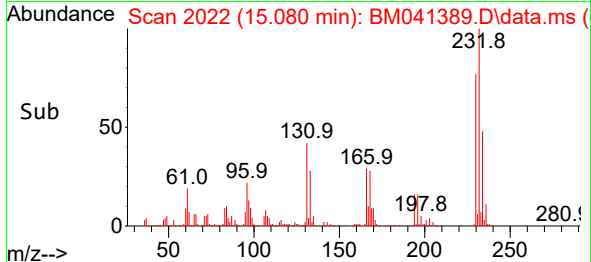
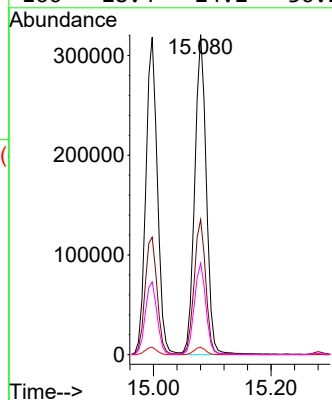
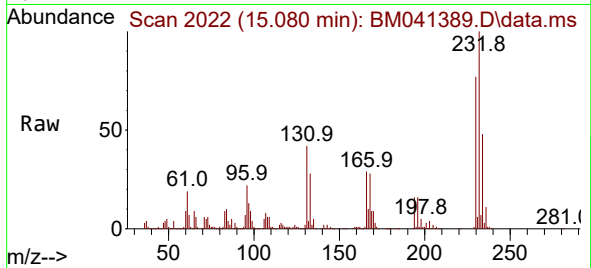




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.794 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

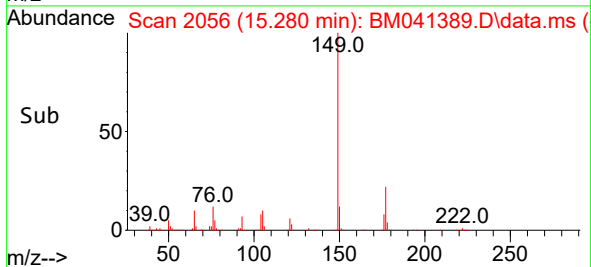
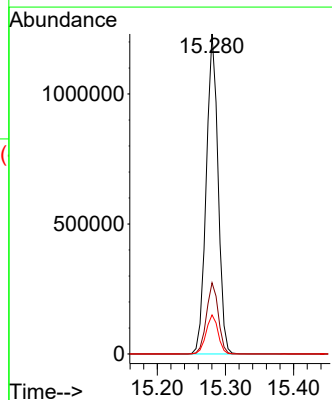
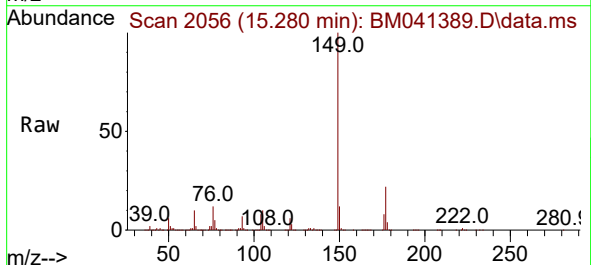
Instrument :
BNA_M
ClientSampleId :
WC-16MS

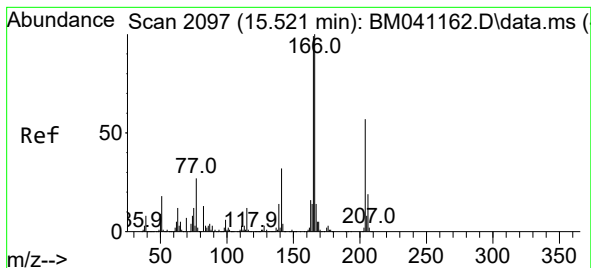
Tgt Ion:232 Resp: 439226
Ion Ratio Lower Upper
232 100
131 42.8 36.9 55.3
130 2.3 2.0 3.0
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 47.841 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:149 Resp: 1484319
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.2 10.1 15.1

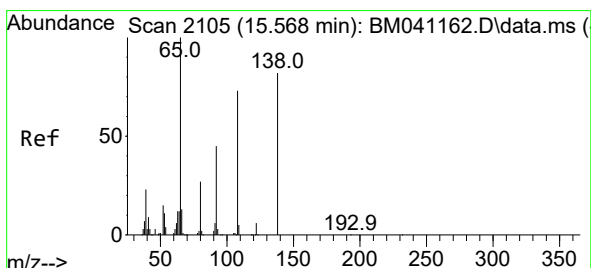
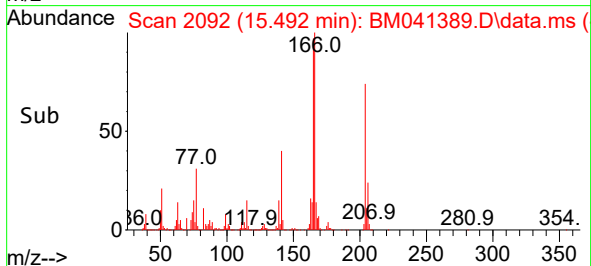
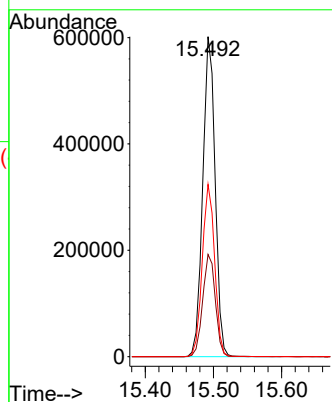
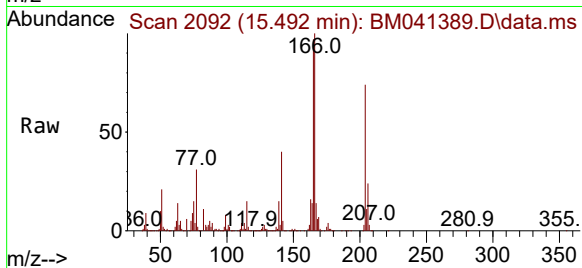




#61
4-Chlorophenyl-phenylether
Concen: 46.923 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

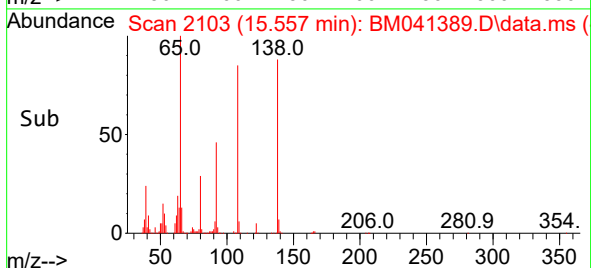
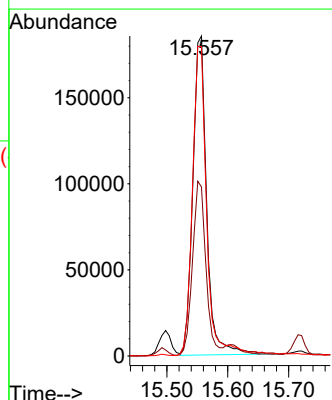
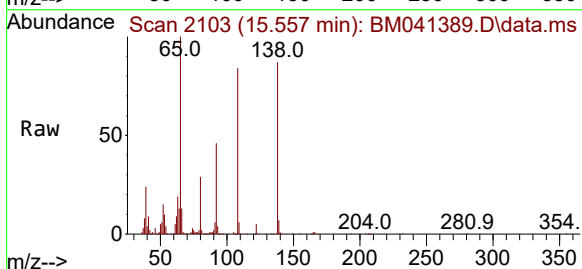
Instrument :
BNA_M
ClientSampleId :
WC-16MS

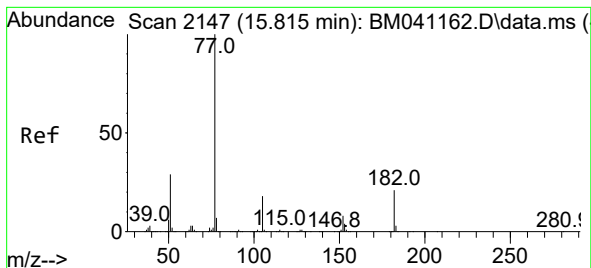
Tgt Ion:204 Resp: 759765
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 53.8 44.8 67.2



#62
4-Nitroaniline
Concen: 41.984 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:138 Resp: 293636
Ion Ratio Lower Upper
138 100
92 52.8 35.1 75.1
108 96.7 67.8 107.8





#63

Azobenzene

Concen: 43.682 ng

RT: 15.786 min Scan# 2147

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

Tgt Ion: 77 Resp: 1484560

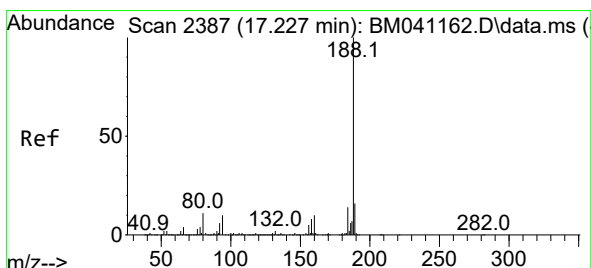
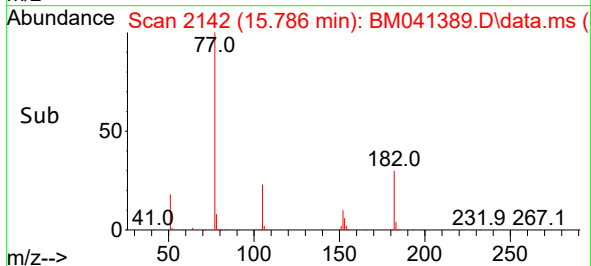
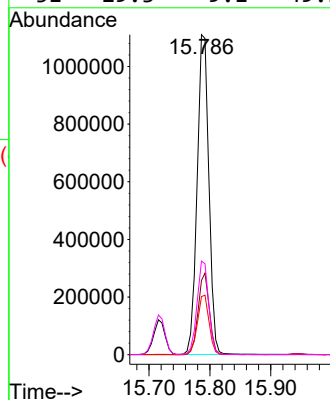
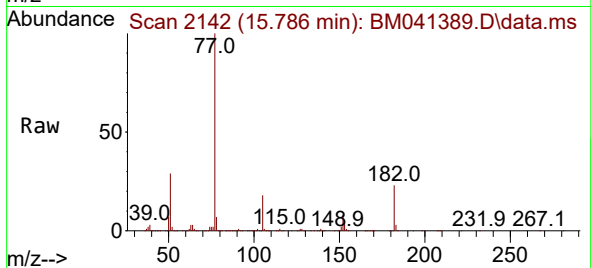
Ion Ratio Lower Upper

77 100

182 23.2 1.3 41.3

105 18.1 0.0 38.5

51 29.3 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

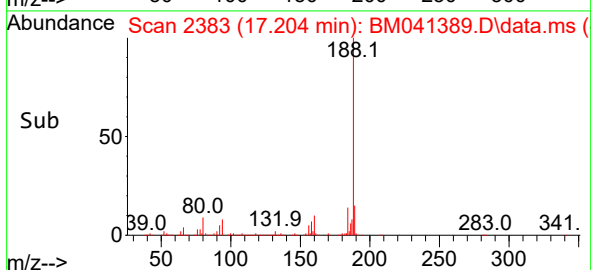
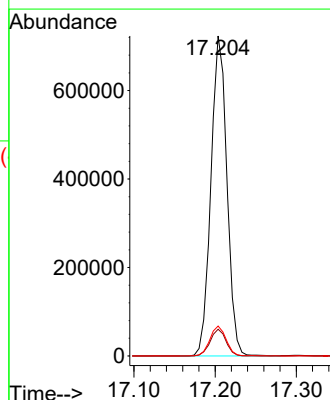
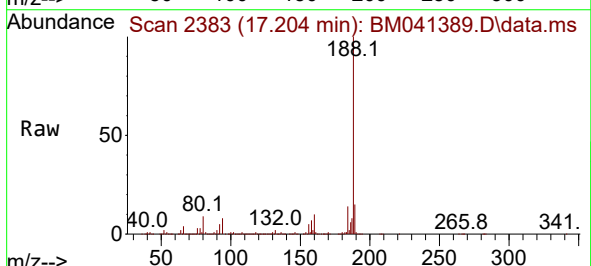
Tgt Ion:188 Resp: 989366

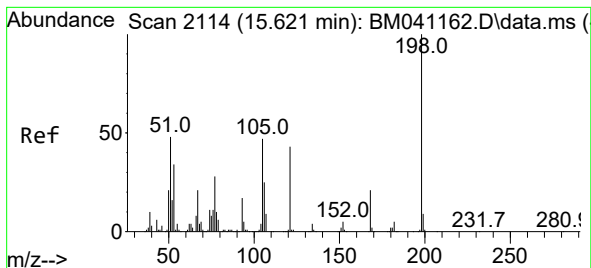
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.4 8.6 13.0

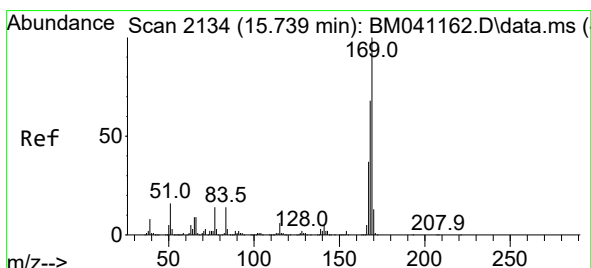
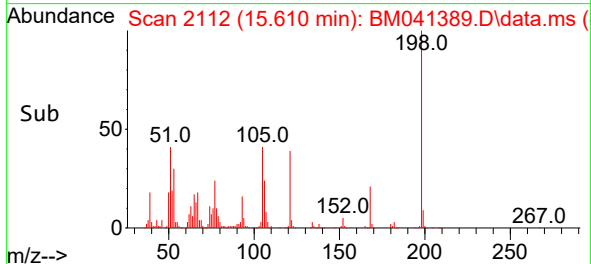
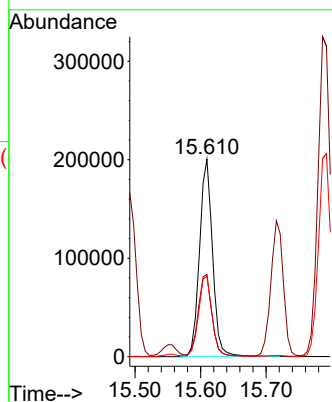
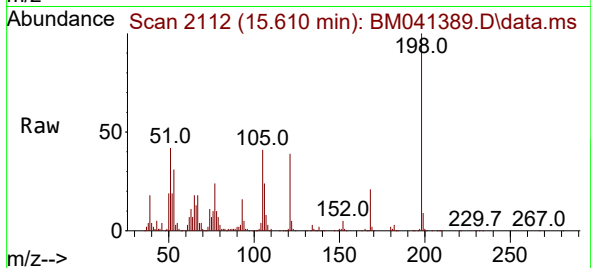




#65
4,6-Dinitro-2-methylphenol
Concen: 46.402 ng
RT: 15.610 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

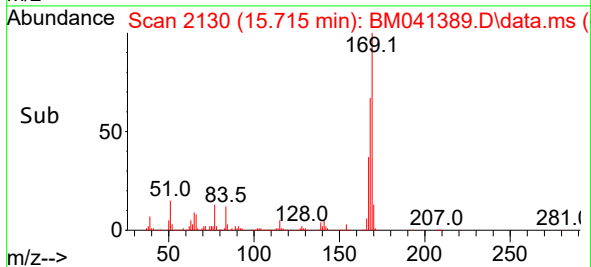
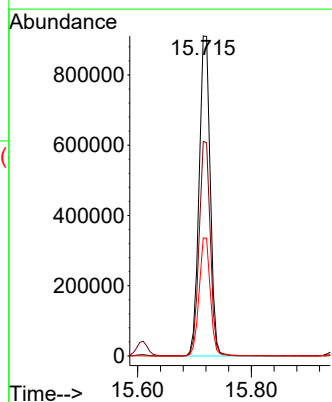
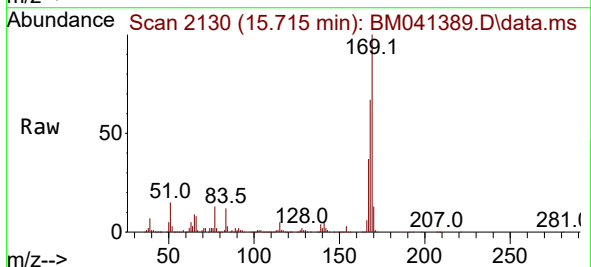
Instrument :
BNA_M
ClientSampleId :
WC-16MS

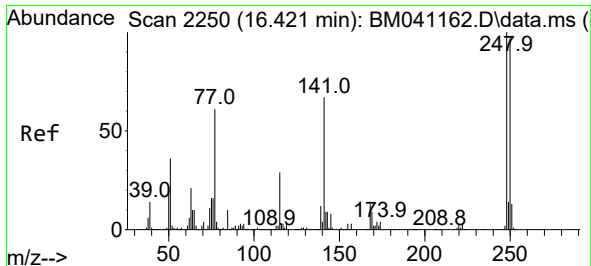
Tgt Ion:198 Resp: 278111
Ion Ratio Lower Upper
198 100
51 41.7 31.7 71.7
105 40.8 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 40.525 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:169 Resp: 1246962
Ion Ratio Lower Upper
169 100
168 67.0 54.6 81.8
167 36.9 29.9 44.9

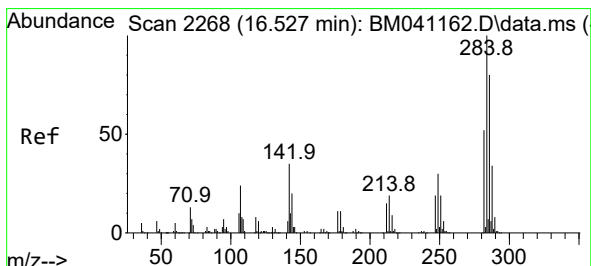
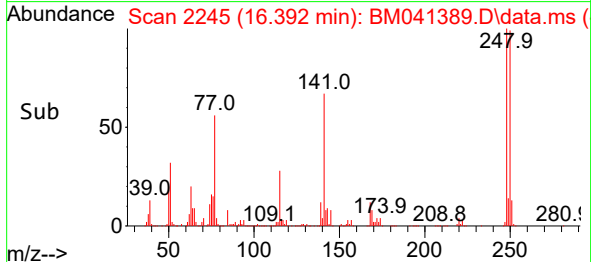
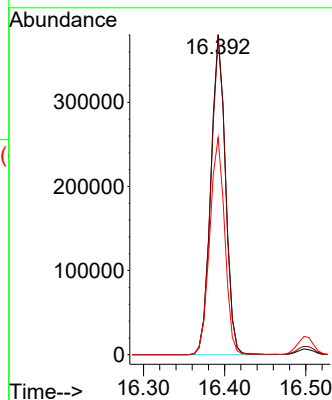
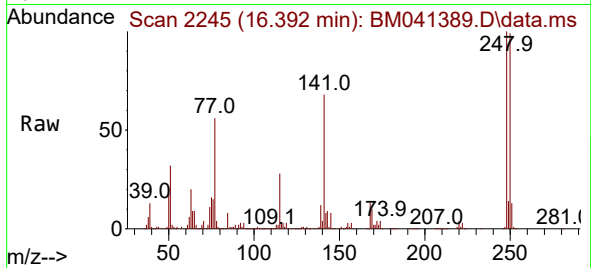




#67
4-Bromophenyl-phenylether
Concen: 44.025 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

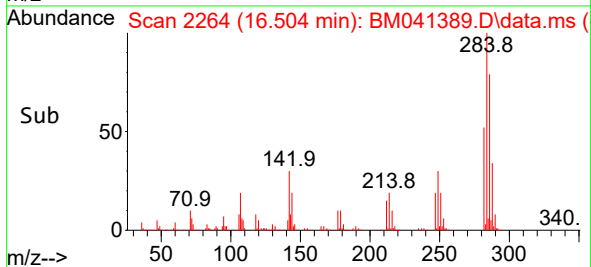
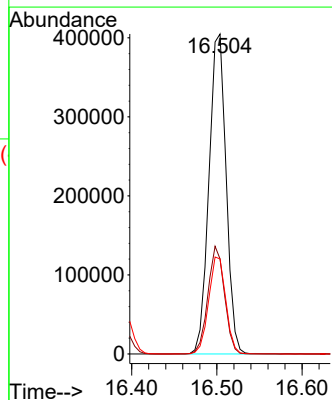
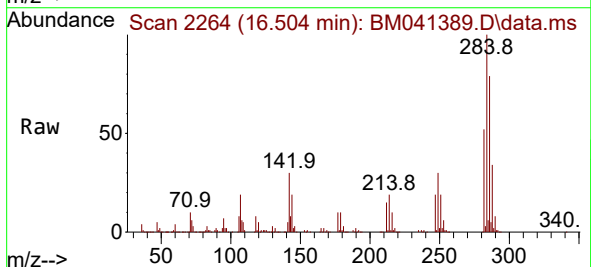
Instrument :
BNA_M
ClientSampleId :
WC-16MS

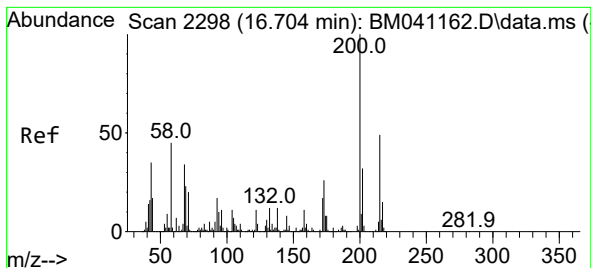
Tgt Ion:248 Resp: 477562
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 67.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 47.005 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:284 Resp: 566978
Ion Ratio Lower Upper
284 100
142 29.7 28.0 42.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 60.557 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

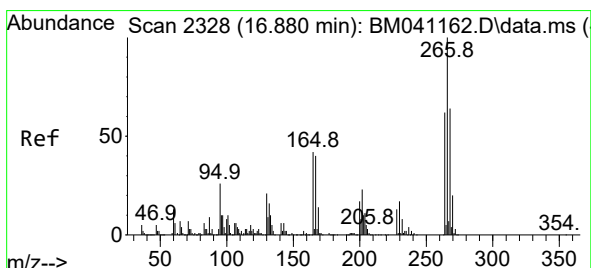
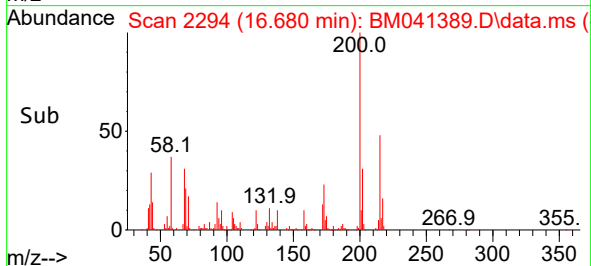
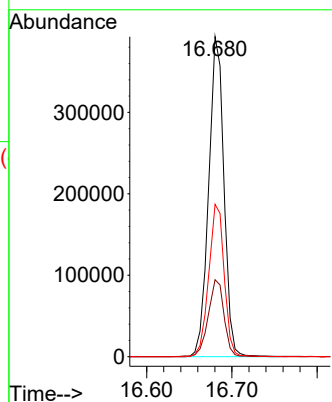
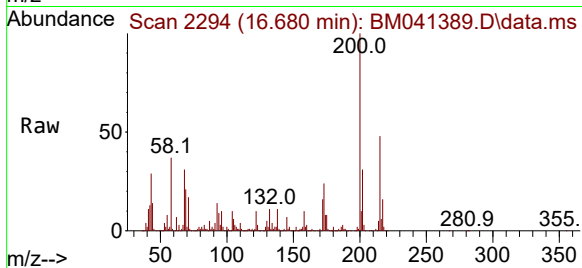
Tgt Ion:200 Resp: 489342

Ion Ratio Lower Upper

200 100

173 24.1 5.6 45.6

215 47.6 28.5 68.5



#70

Pentachlorophenol

Concen: 82.259 ng

RT: 16.857 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

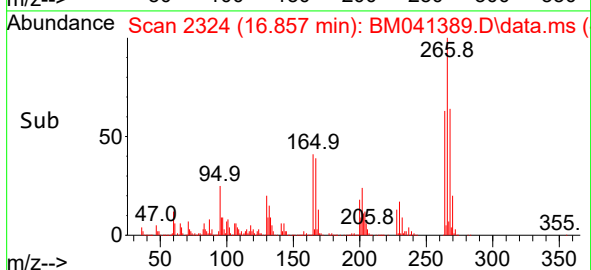
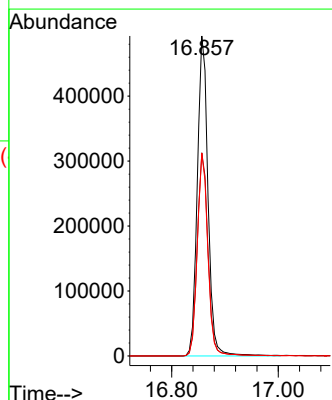
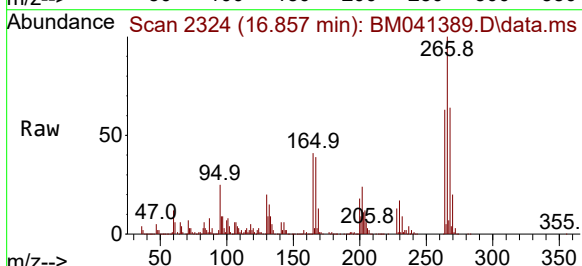
Tgt Ion:266 Resp: 687067

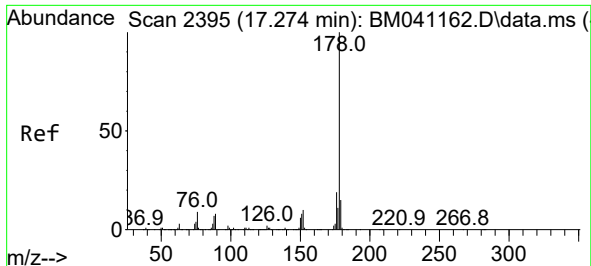
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.3 49.4 74.2

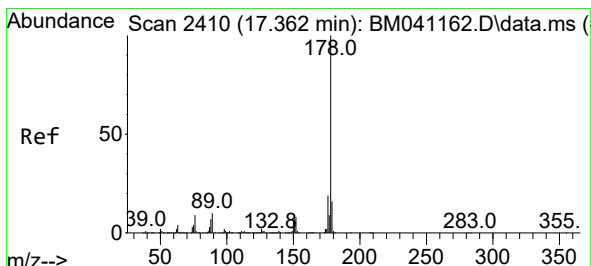
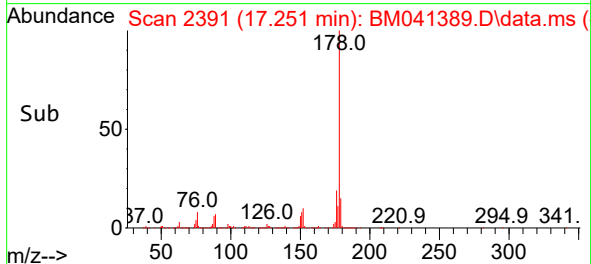
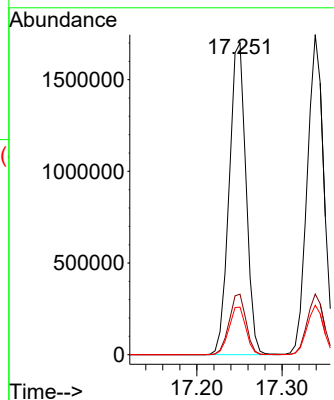
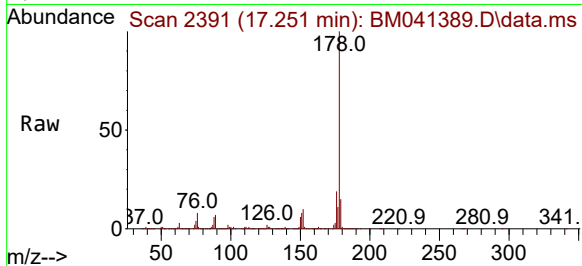




#71
Phenanthrene
Concen: 42.405 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

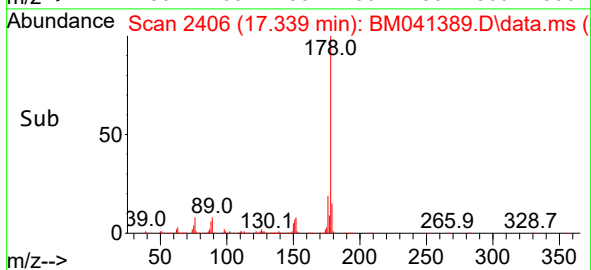
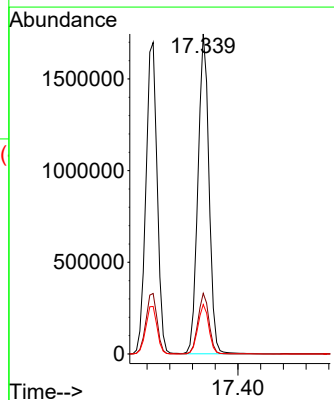
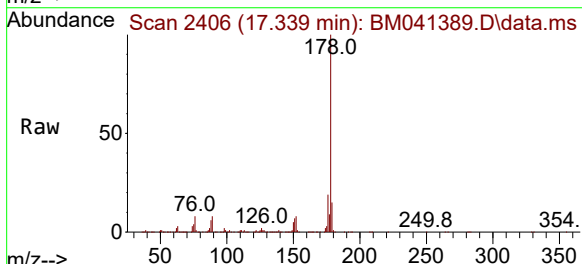
Instrument :
BNA_M
ClientSampleId :
WC-16MS

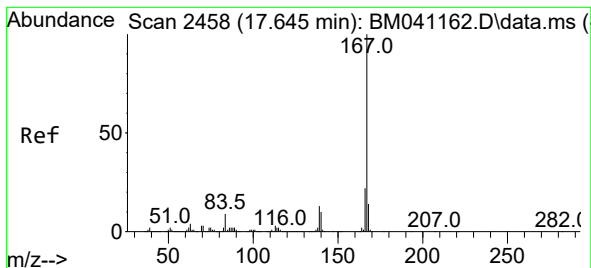
Tgt Ion:178 Resp: 2331007
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.1 18.1



#72
Anthracene
Concen: 43.477 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:178 Resp: 2363654
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.237 ng

RT: 17.621 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

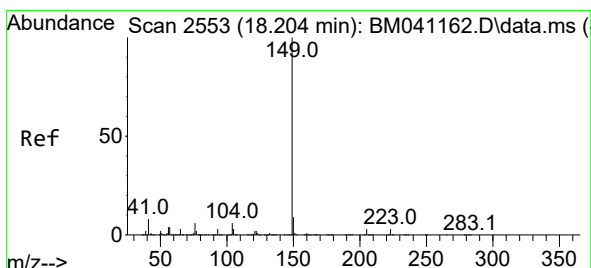
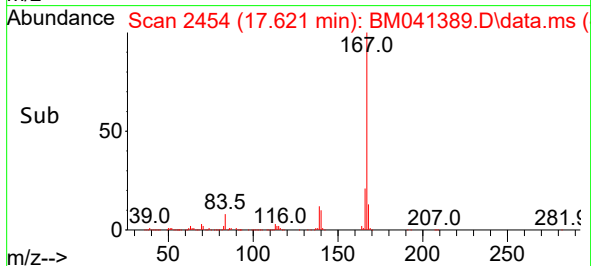
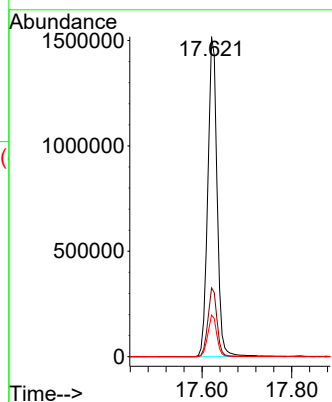
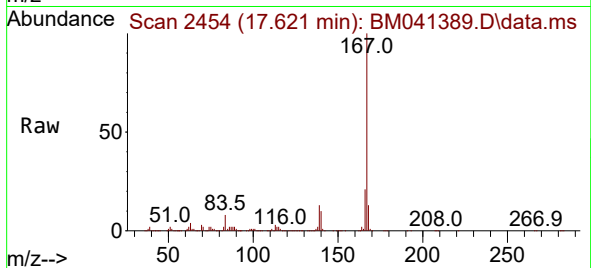
Tgt Ion:167 Resp: 2176766

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.866 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

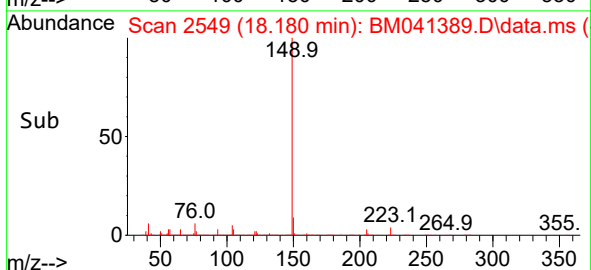
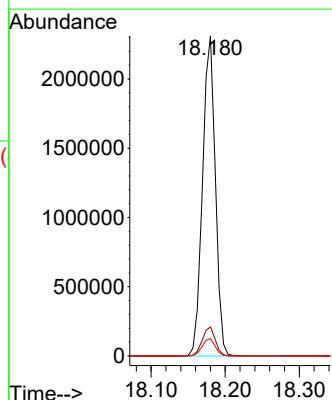
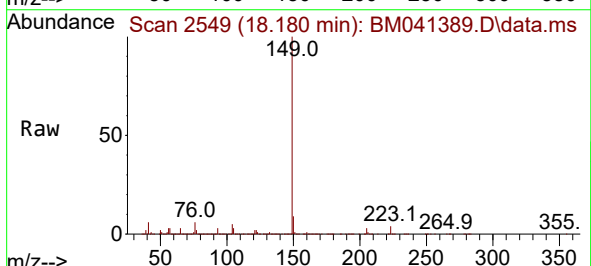
Tgt Ion:149 Resp: 2772770

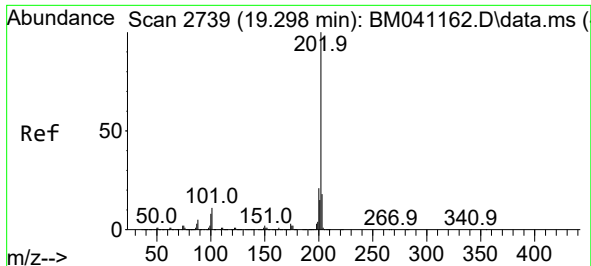
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.4 4.5 6.7

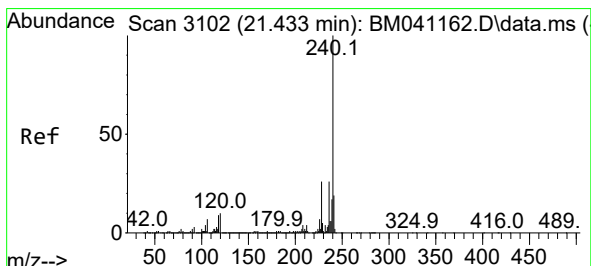
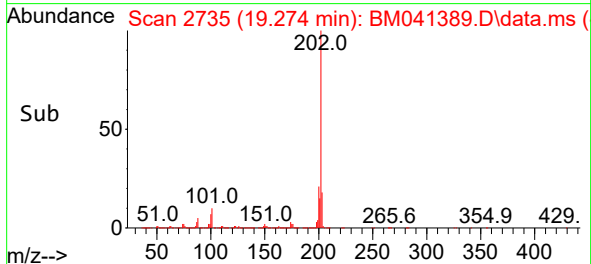
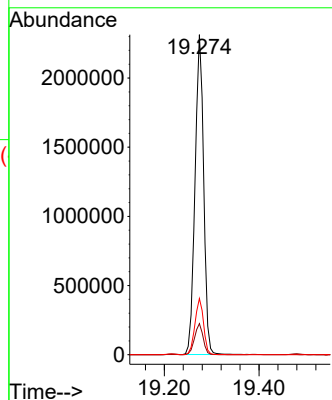
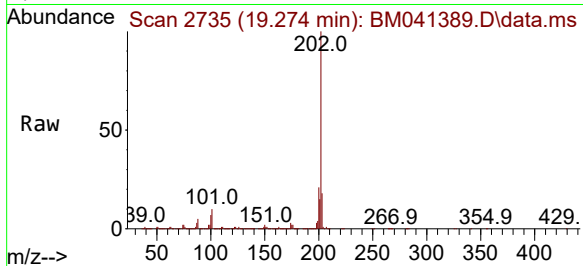




#75
Fluoranthene
Concen: 47.336 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

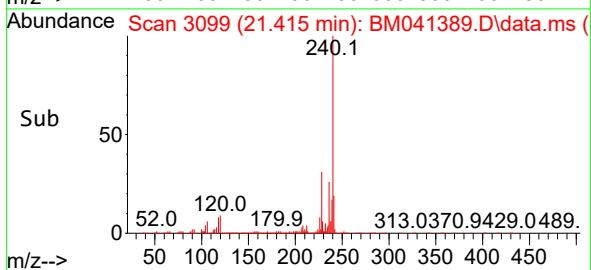
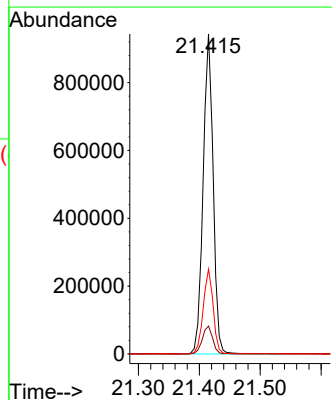
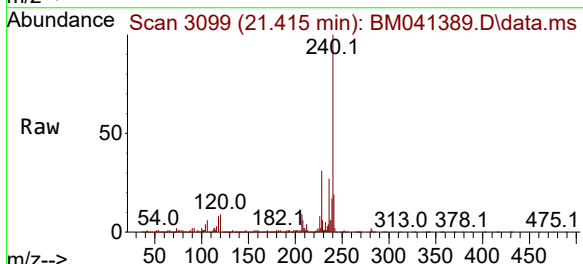
Instrument :
BNA_M
ClientSampleId :
WC-16MS

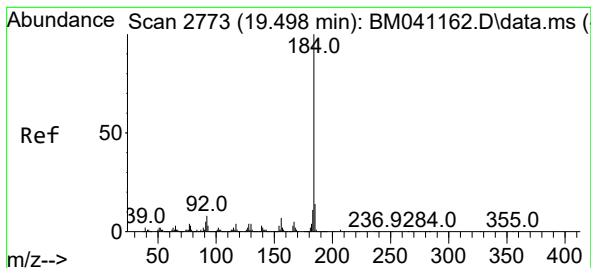
Tgt Ion:202 Resp: 2923331
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:240 Resp: 1076004
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.5 20.6 30.8





#77

Benzidine

Concen: 85.329 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

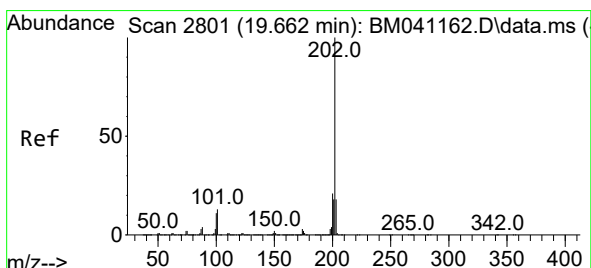
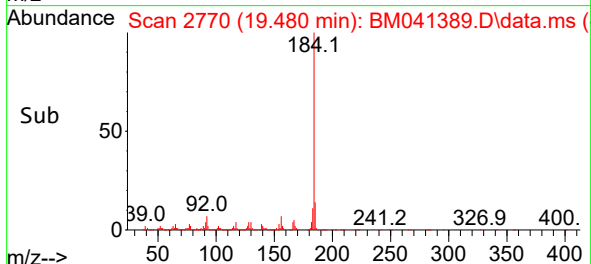
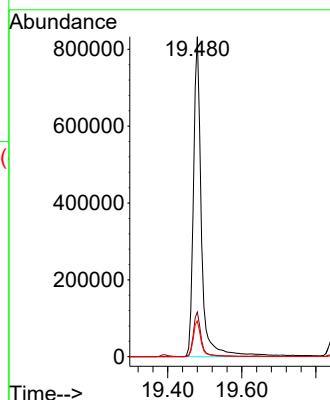
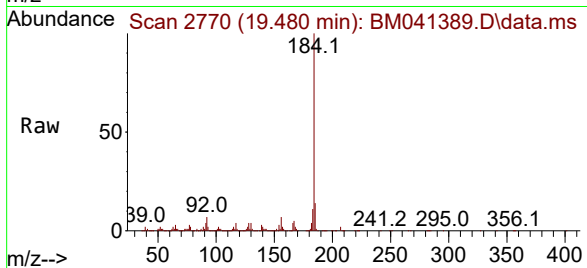
Tgt Ion:184 Resp: 1251418

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.1 9.2 13.8



#78

Pyrene

Concen: 41.111 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

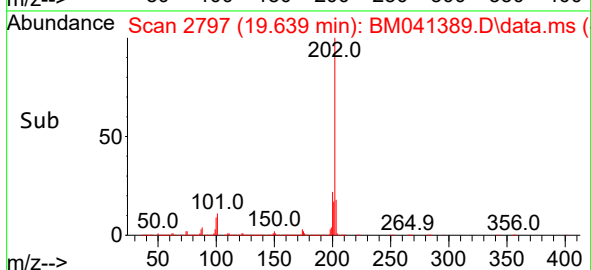
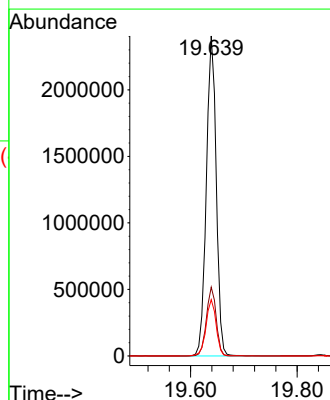
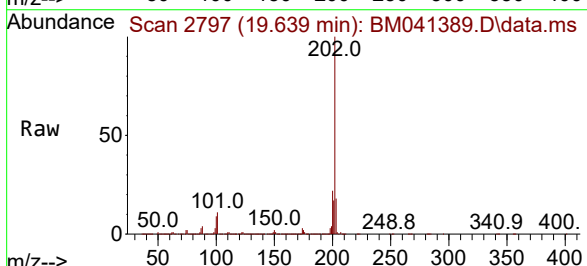
Tgt Ion:202 Resp: 3093440

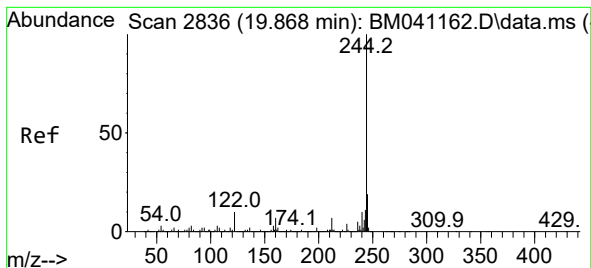
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 52.027 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

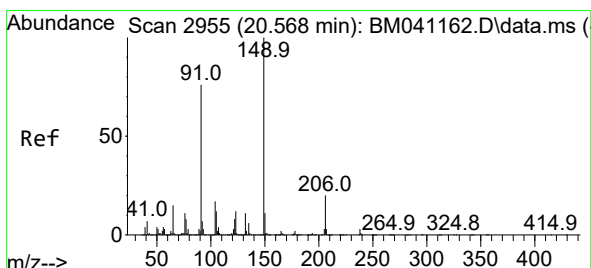
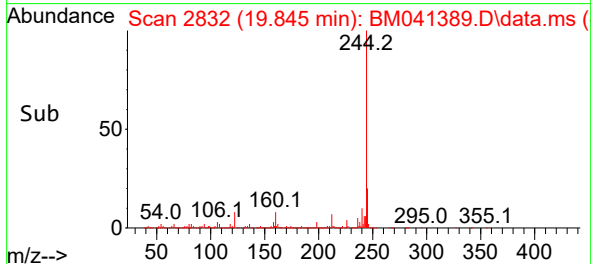
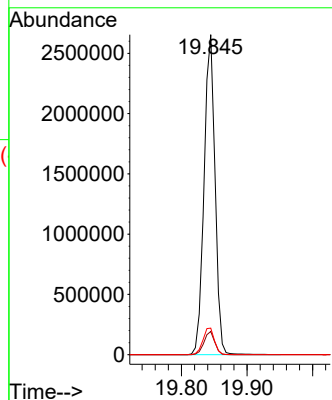
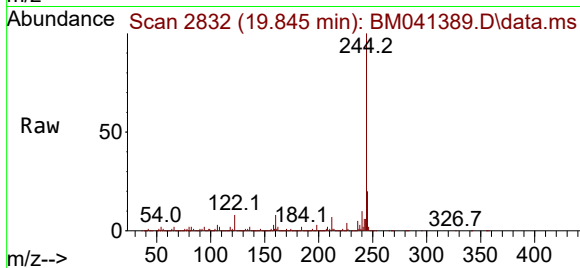
Tgt Ion:244 Resp: 3096229

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.3 7.8 11.6



#80

Butylbenzylphthalate

Concen: 49.390 ng

RT: 20.545 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

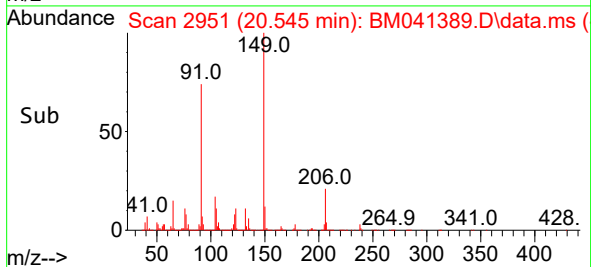
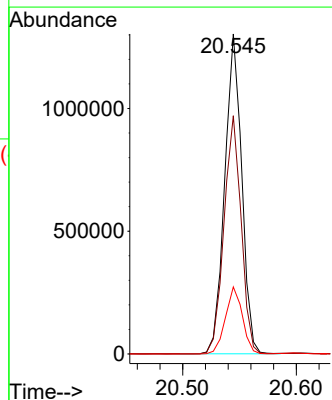
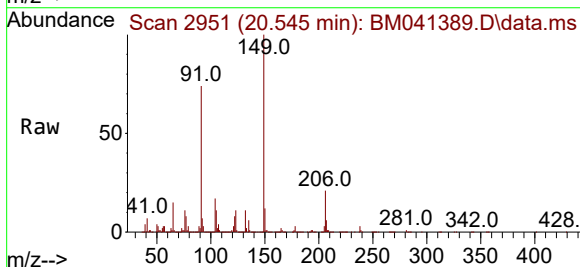
Tgt Ion:149 Resp: 1357171

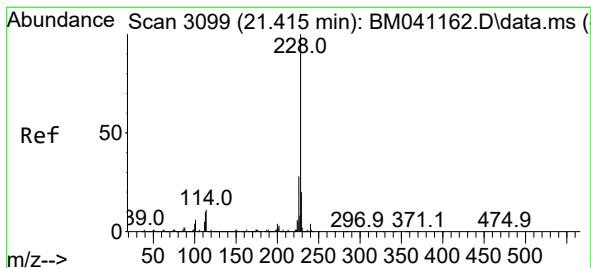
Ion Ratio Lower Upper

149 100

91 74.5 60.8 91.2

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.771 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

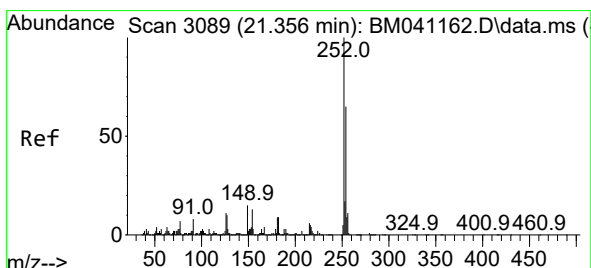
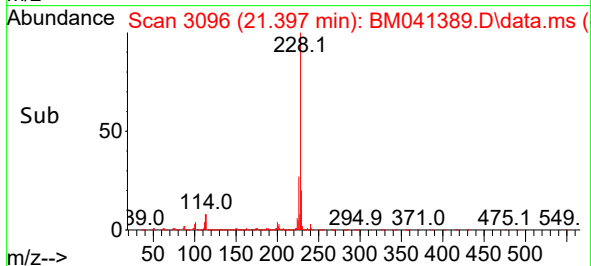
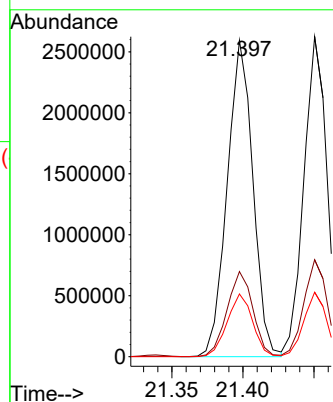
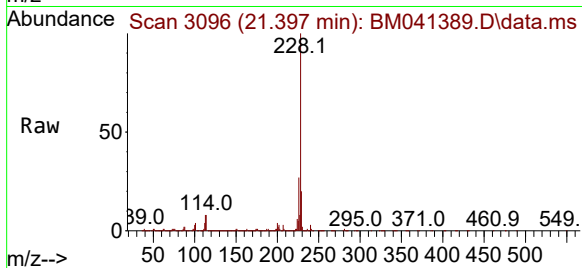
Tgt Ion:228 Resp: 3265807

Ion Ratio Lower Upper

228 100

226 26.9 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.961 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

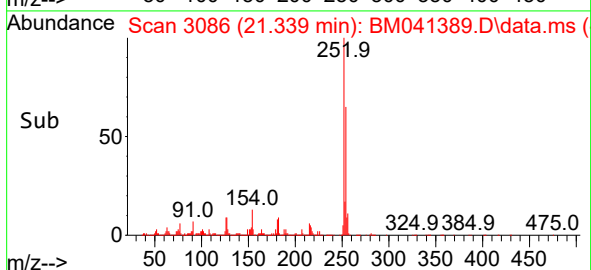
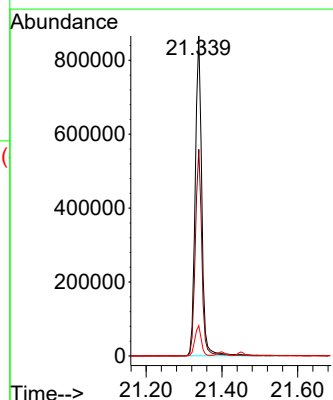
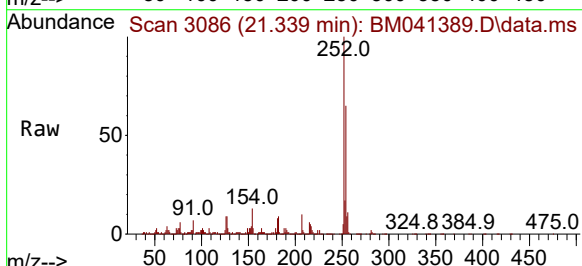
Tgt Ion:252 Resp: 1046384

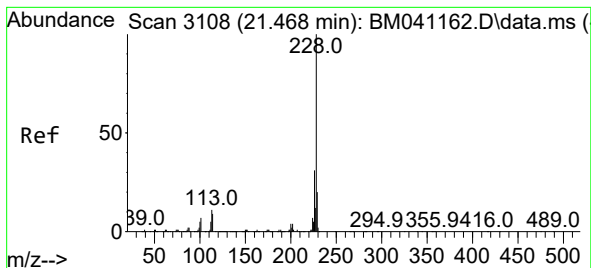
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 9.5 8.6 13.0





#83

Chrysene

Concen: 42.402 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

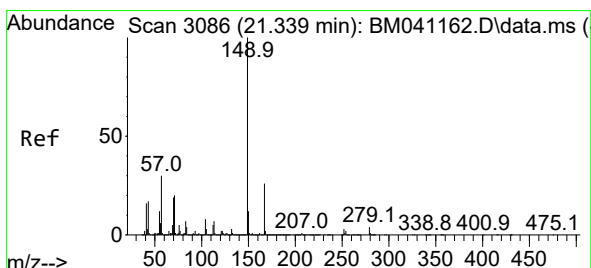
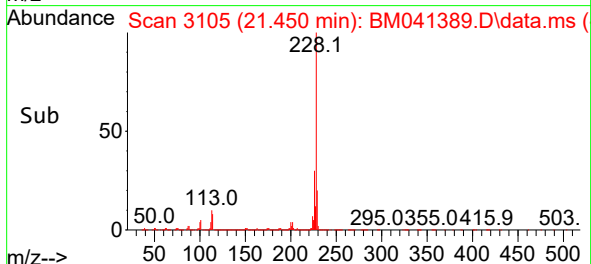
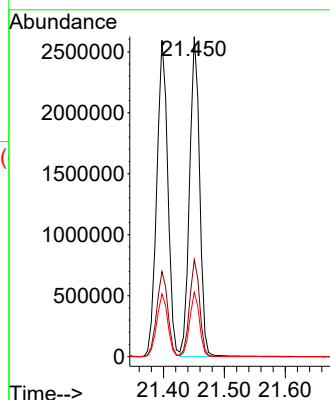
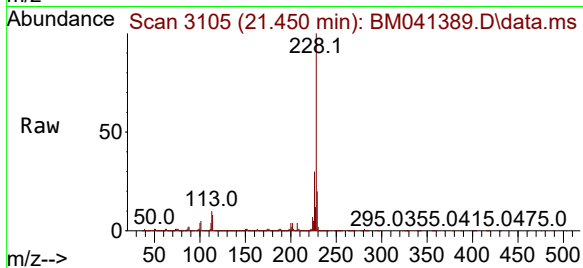
Tgt Ion:228 Resp: 2991634

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.183 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

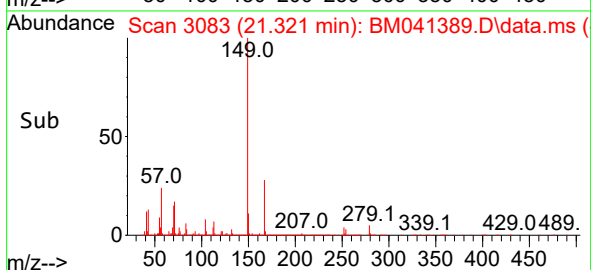
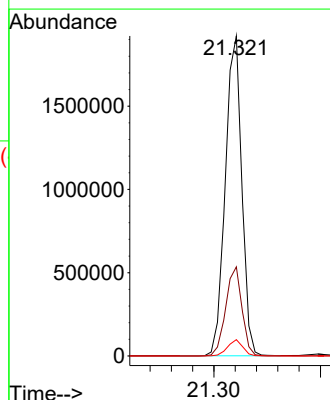
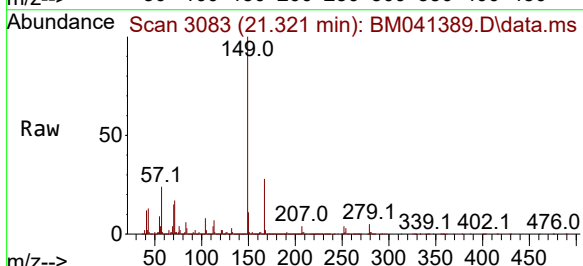
Tgt Ion:149 Resp: 2056964

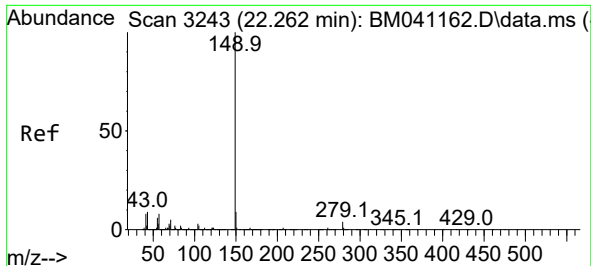
Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.6

279 5.1 3.1 4.7#

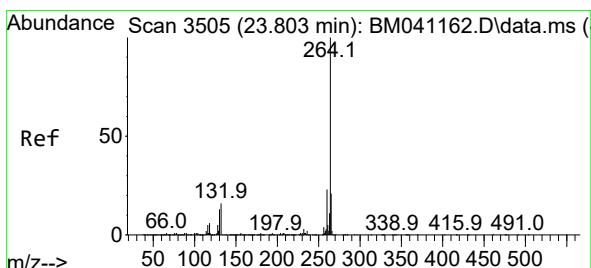
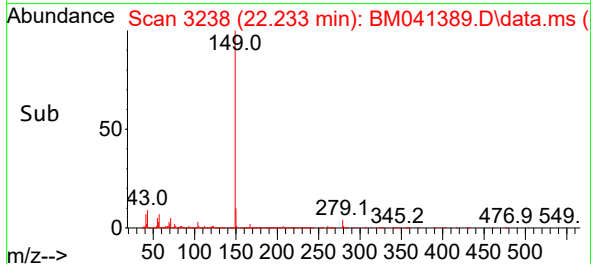
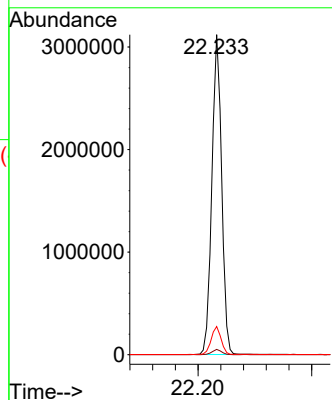
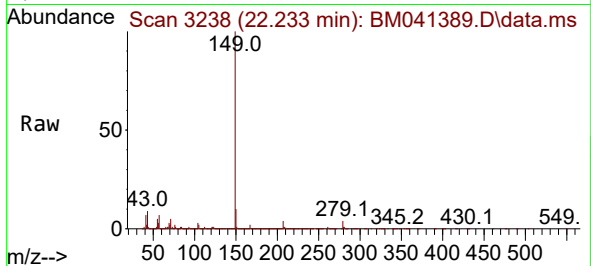




#85
Di-n-octyl phthalate
Concen: 53.219 ng
RT: 22.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

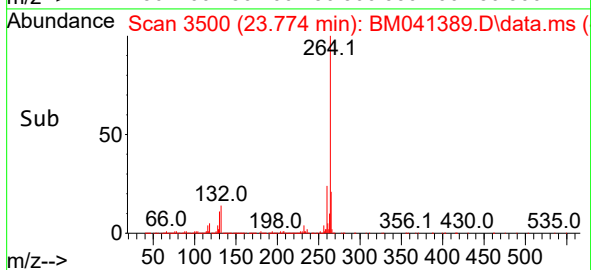
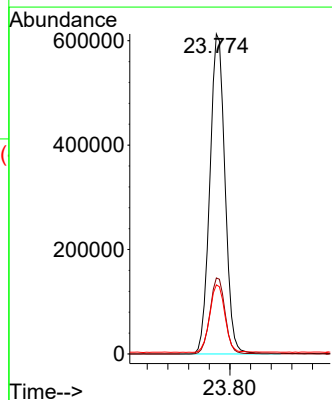
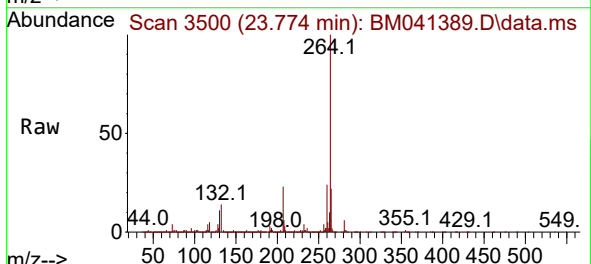
Instrument :
BNA_M
ClientSampleId :
WC-16MS

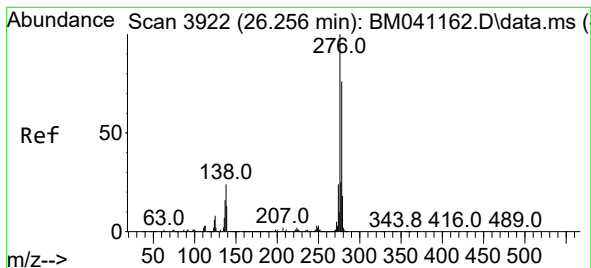
Tgt Ion:149 Resp: 3695932
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:264 Resp: 1246687
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.437 ng

RT: 26.227 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

Instrument :

BNA_M

ClientSampleId :

WC-16MS

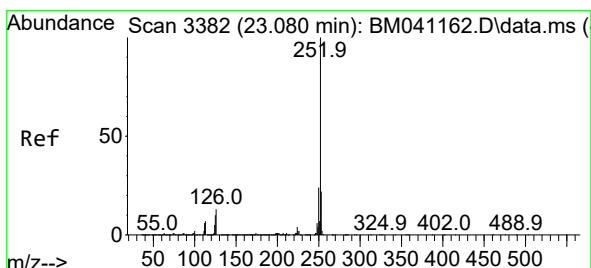
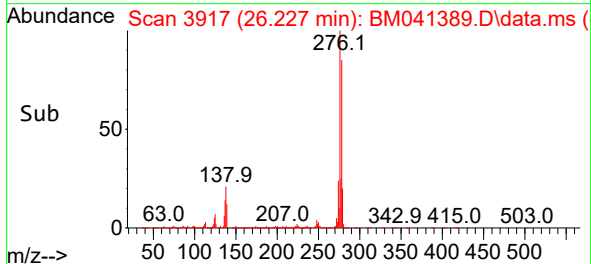
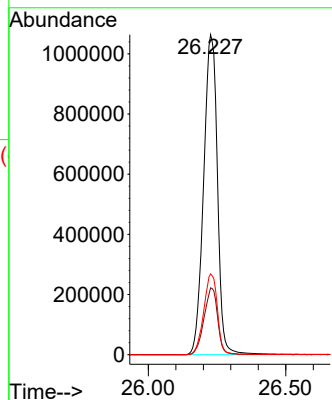
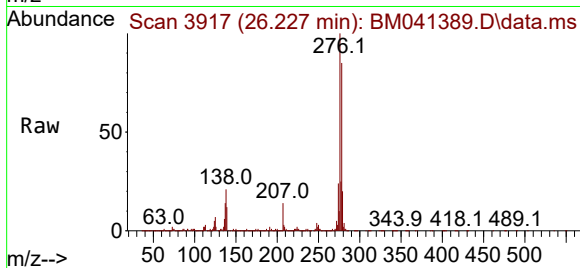
Tgt Ion:276 Resp: 3706368

Ion Ratio Lower Upper

276 100

138 20.5 20.0 30.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.513 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041389.D

Acq: 11 Aug 2023 16:15

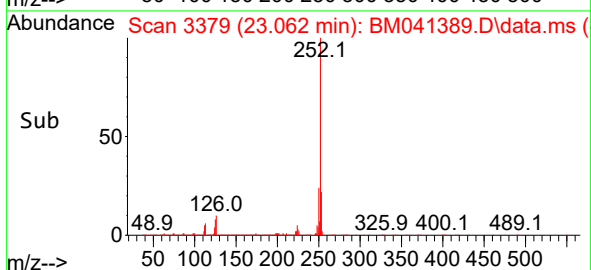
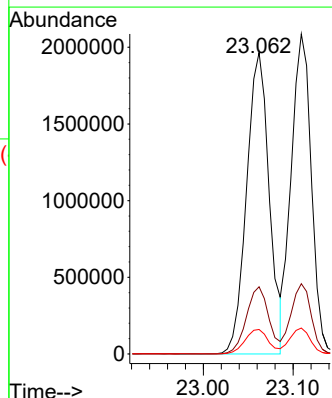
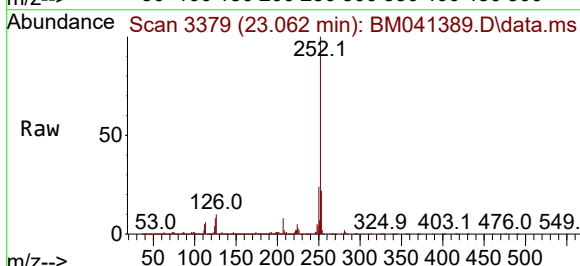
Tgt Ion:252 Resp: 3444825

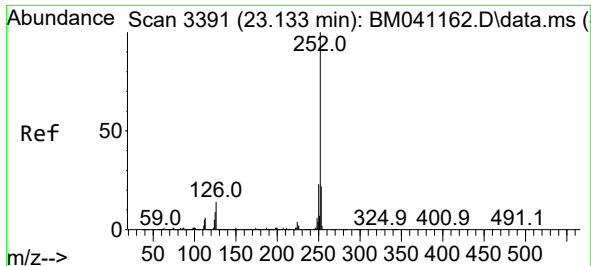
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.1 8.2 12.4#

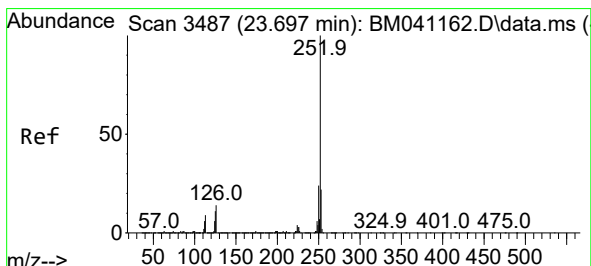
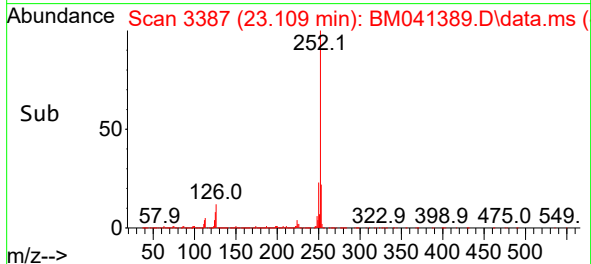
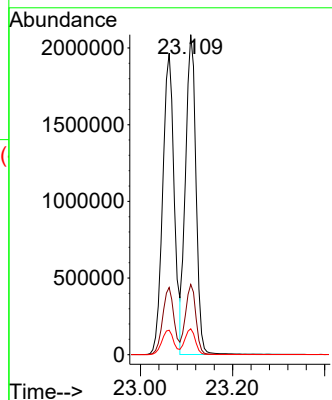
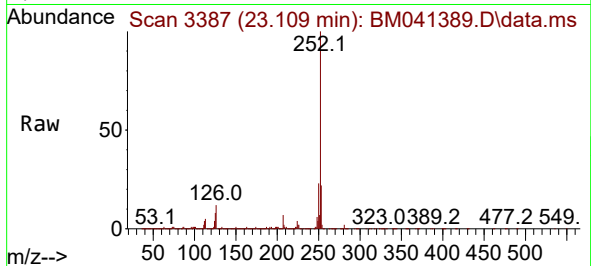




#89
Benzo(k)fluoranthene
Concen: 43.120 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

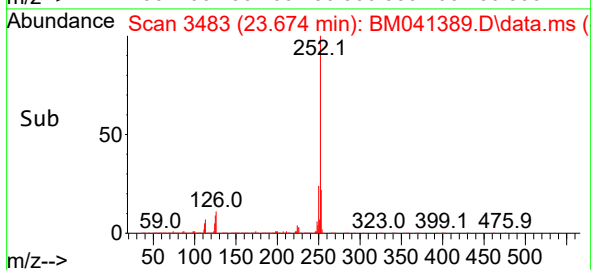
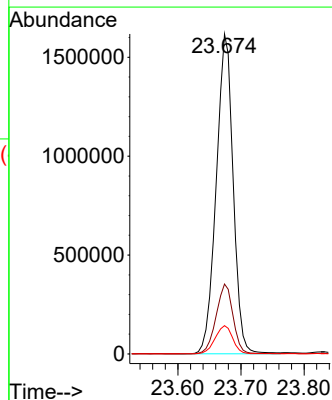
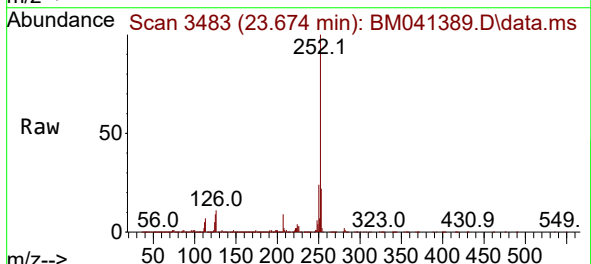
Instrument :
BNA_M
ClientSampleId :
WC-16MS

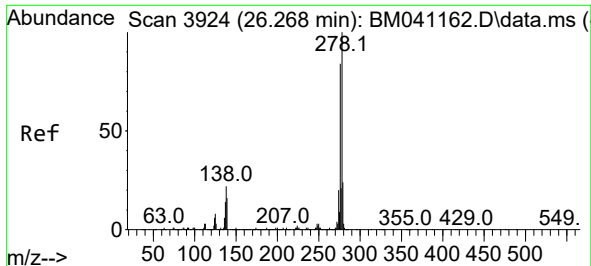
Tgt Ion:252 Resp: 3266632
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 42.248 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:252 Resp: 3006473
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.8 9.0 13.4#

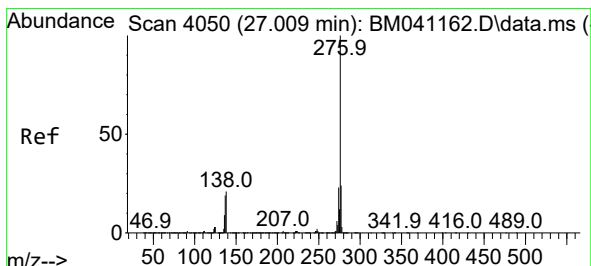
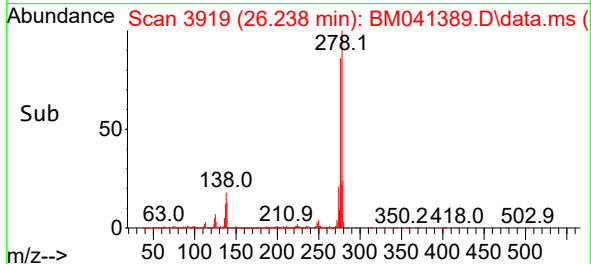
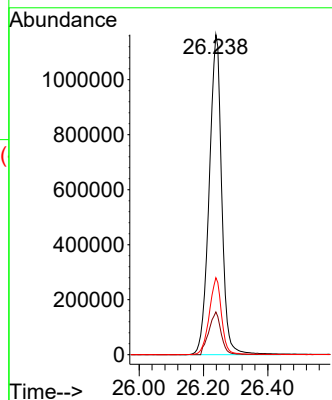
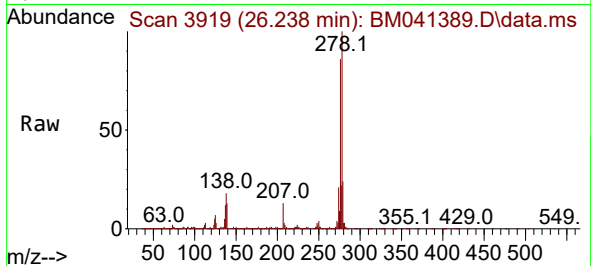




#91
Dibenzo(a,h)anthracene
Concen: 41.120 ng
RT: 26.238 min Scan# 3919
Delta R.T. -0.006 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Tgt Ion:278 Resp: 3143617
Ion Ratio Lower Upper
278 100
139 13.3 12.7 19.1
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.897 ng
RT: 26.985 min Scan# 4046
Delta R.T. -0.000 min
Lab File: BM041389.D
Acq: 11 Aug 2023 16:15

Tgt Ion:276 Resp: 2834923
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 17.2 17.1 25.7

