

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041388.D
 Acq On : 11 Aug 2023 15:37
 Operator : MA/JU
 Sample : 03954-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-15MSD

Quant Time: Aug 11 16:53:57 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	135240	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	589435	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	412800	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	980794	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	1060167	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1245239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1182131	130.642	ng	0.00
7) Phenol-d6	6.963	99	1454619	124.017	ng	0.00
23) Nitrobenzene-d5	8.957	82	1106034	87.263	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	930679	159.395	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2675993	81.891	ng	0.00
79) Terphenyl-d14	19.845	244	5312193	90.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	132494	34.228	ng	# 46
3) Pyridine	3.669	79	312955	30.748	ng	96
4) n-Nitrosodimethylamine	3.575	42	195789	41.593	ng	99
6) Aniline	7.116	93	284537	20.729	ng	99
8) 2-Chlorophenol	7.345	128	461213	52.211	ng	97
9) Benzaldehyde	6.928	77	179889	29.066	ng	99
10) Phenol	6.992	94	529804	46.767	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	436791	47.632	ng	96
12) 1,3-Dichlorobenzene	7.663	146	459590	47.796	ng	98
13) 1,4-Dichlorobenzene	7.810	146	469911	48.620	ng	100
14) 1,2-Dichlorobenzene	8.122	146	458848	49.515	ng	100
15) Benzyl Alcohol	8.034	79	474571	64.069	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	516529	42.276	ng	93
17) 2-Methylphenol	8.239	107	402395	51.992	ng	98
18) Hexachloroethane	8.839	117	175160	48.680	ng	89
19) n-Nitroso-di-n-propyla...	8.598	70	396888	55.709	ng	96
20) 3+4-Methylphenols	8.575	107	546910	52.850	ng	95
22) Acetophenone	8.616	105	739136	47.348	ng	99
24) Nitrobenzene	8.998	77	573593	44.750	ng	98
25) Isophorone	9.522	82	1110234	51.601	ng	99
26) 2-Nitrophenol	9.704	139	263673	52.622	ng	97
27) 2,4-Dimethylphenol	9.769	122	428654	48.615	ng	97
28) bis(2-Chloroethoxy)met...	10.010	93	636233	47.207	ng	100
29) 2,4-Dichlorophenol	10.239	162	501094	56.355	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	498620	50.755	ng	98
31) Naphthalene	10.633	128	1430911	44.735	ng	99
32) Benzoic acid	9.963	122	327200	49.199	ng	94
33) 4-Chloroaniline	10.775	127	84675	6.624	ng	99
34) Hexachlorobutadiene	10.898	225	314712	53.265	ng	99
35) Caprolactam	11.598	113	100472	39.060	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	538100	57.497	ng	97
37) 2-Methylnaphthalene	12.251	142	1041881	48.315	ng	99
38) 1-Methylnaphthalene	12.469	142	1011564	50.120	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	615562	45.924	ng	# 97
41) Hexachlorocyclopentadiene	12.586	237	639285	90.150	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	448031	52.150	ng	98

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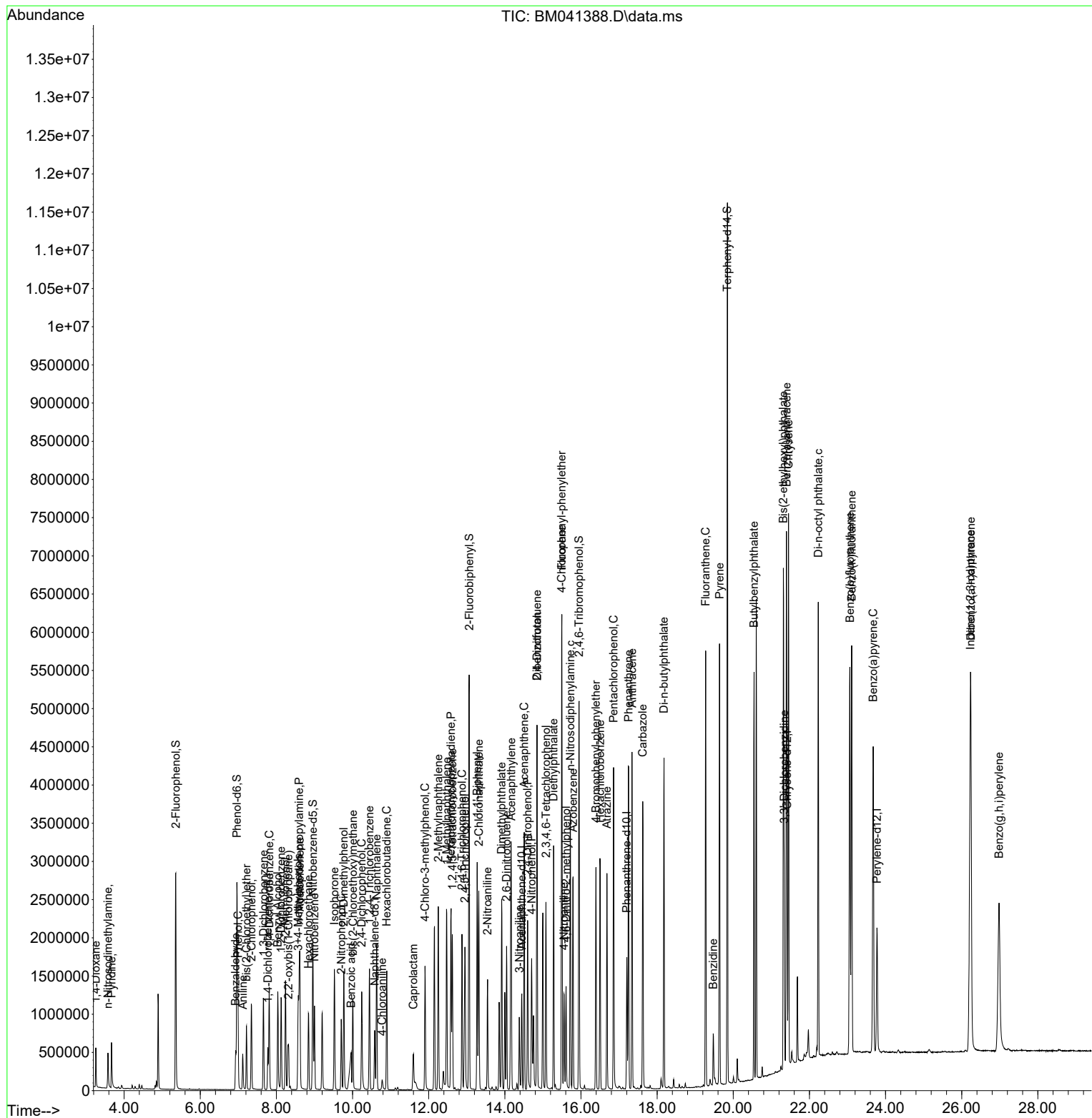
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	491050	49.383	ng	97
46) 1,1'-Biphenyl	13.274	154	1471748	43.978	ng	99
47) 2-Chloronaphthalene	13.316	162	1155501	46.243	ng	98
48) 2-Nitroaniline	13.545	65	380750	47.737	ng	97
49) Acenaphthylene	14.168	152	1928920	47.826	ng	99
50) Dimethylphthalate	13.916	163	1592757	51.294	ng	100
51) 2,6-Dinitrotoluene	14.045	165	346676	53.883	ng	99
52) Acenaphthene	14.510	154	1108166	45.609	ng	99
53) 3-Nitroaniline	14.380	138	228519	31.623	ng	98
54) 2,4-Dinitrophenol	14.598	184	468701	105.843	ng	91
55) Dibenzofuran	14.845	168	1875117	47.302	ng	99
56) 4-Nitrophenol	14.704	139	491725	91.703	ng	94
57) 2,4-Dinitrotoluene	14.845	165	496281	53.680	ng	94
58) Fluorene	15.498	166	1549136	49.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	466330	57.914	ng	95
60) Diethylphthalate	15.280	149	1621034	53.983	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	819700	52.306	ng	98
62) 4-Nitroaniline	15.557	138	310371	45.469	ng	93
63) Azobenzene	15.792	77	1592759	48.423	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	299460	50.401	ng	87
66) n-Nitrosodiphenylamine	15.721	169	1337757	43.856	ng	98
67) 4-Bromophenyl-phenylether	16.392	248	516684	48.047	ng	98
68) Hexachlorobenzene	16.504	284	616508	51.558	ng	95
69) Atrazine	16.680	200	532552	66.481	ng	99
70) Pentachlorophenol	16.857	266	748186	90.359	ng	99
71) Phenanthrene	17.251	178	2500476	45.886	ng	100
72) Anthracene	17.339	178	2563704	47.568	ng	100
73) Carbazole	17.621	167	2362952	48.441	ng	100
74) Di-n-butylphthalate	18.180	149	2990414	54.250	ng	100
75) Fluoranthene	19.274	202	3199744	52.264	ng	98
77) Benzidine	19.474	184	488428	33.801	ng	99
78) Pyrene	19.639	202	3350864	45.197	ng	100
80) Butylbenzylphthalate	20.544	149	1441601	53.246	ng	96
81) Benzo(a)anthracene	21.397	228	3521624	48.999	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	836018	35.648	ng	99
83) Chrysene	21.450	228	3317312	47.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2185016	50.671	ng	97
85) Di-n-octyl phthalate	22.233	149	3890400	56.856	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.226	276	4116169	44.960	ng	# 94
88) Benzo(b)fluoranthene	23.062	252	3798938	51.354	ng	# 97
89) Benzo(k)fluoranthene	23.109	252	3549993	46.914	ng	# 98
90) Benzo(a)pyrene	23.674	252	3278704	46.127	ng	# 97
91) Dibenzo(a,h)anthracene	26.238	278	3498269	45.812	ng	# 96
92) Benzo(g,h,i)perylene	26.979	276	3191914	42.719	ng	# 95

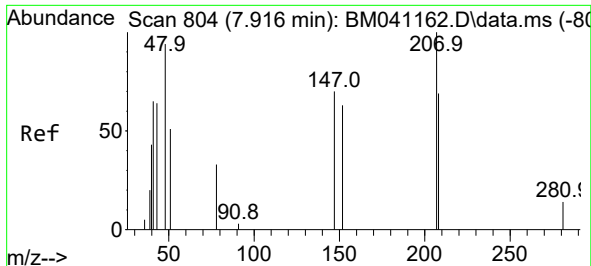
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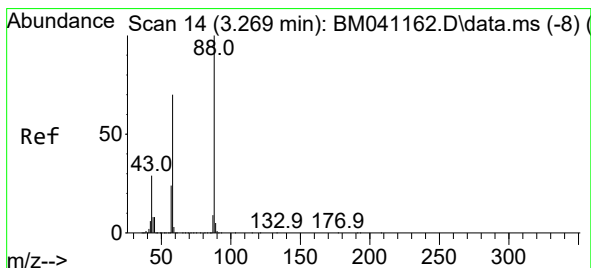
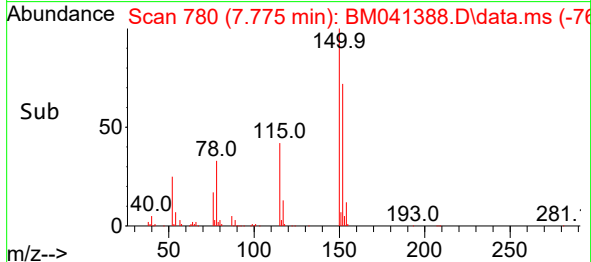
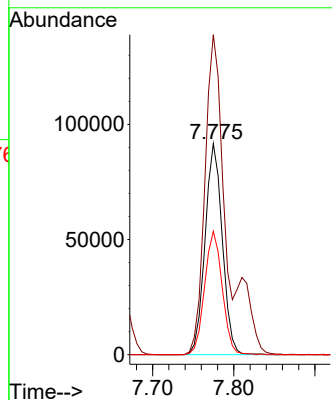
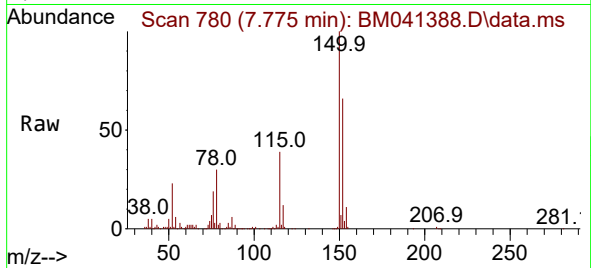




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

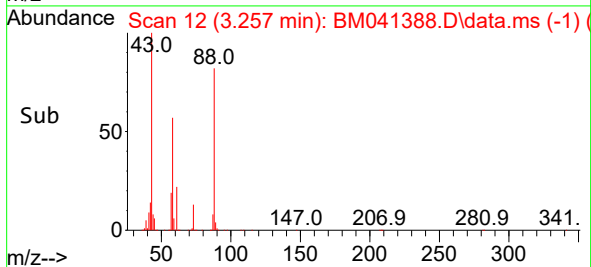
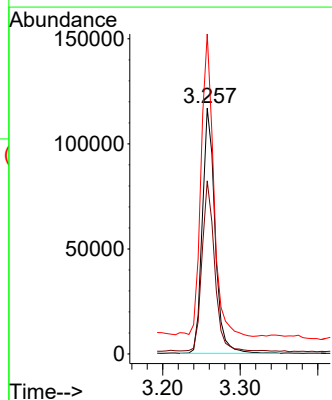
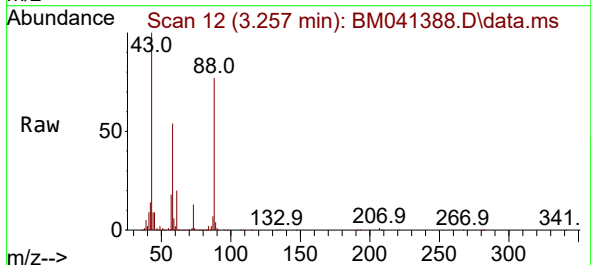
Instrument :
 BNA_M
 ClientSampleId :
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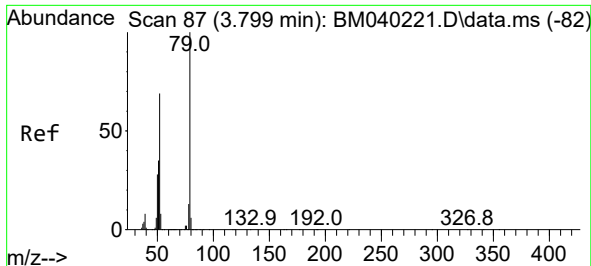
Tgt Ion:152 Resp: 135240
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.5 188.3
 115 58.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 34.228 ng
 RT: 3.257 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

Tgt Ion: 88 Resp: 132494
 Ion Ratio Lower Upper
 88 100
 58 68.2 58.2 87.4
 43 122.3 24.4 36.6#

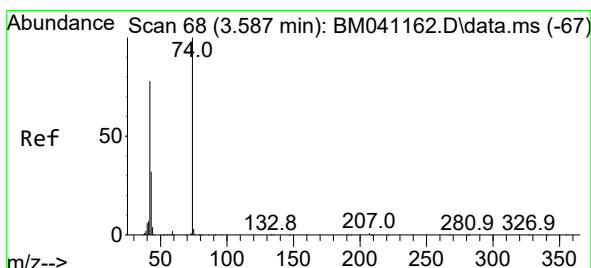
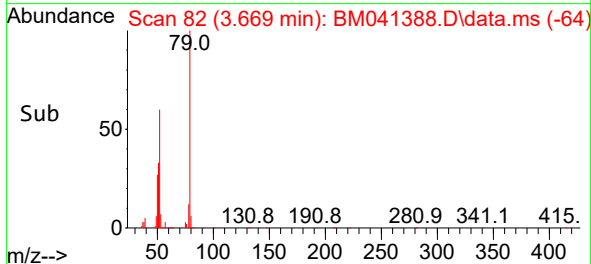
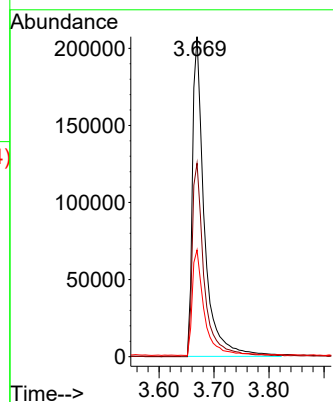
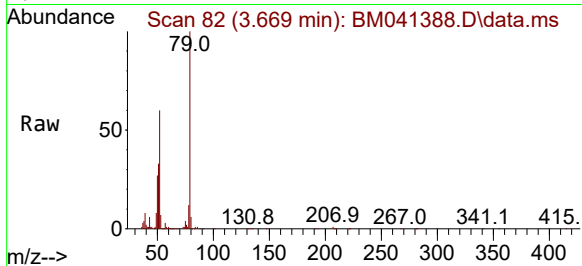




#3
Pyridine
Concen: 30.748 ng
RT: 3.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

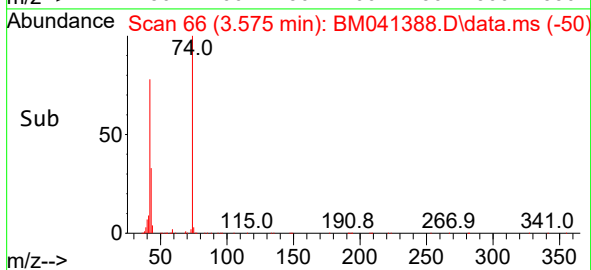
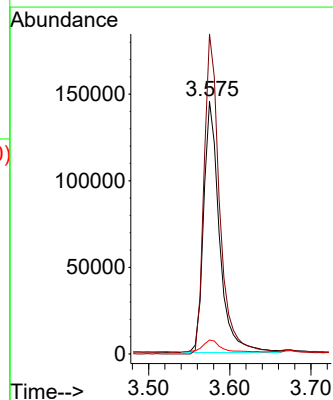
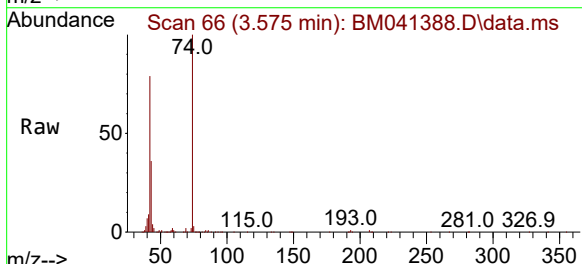
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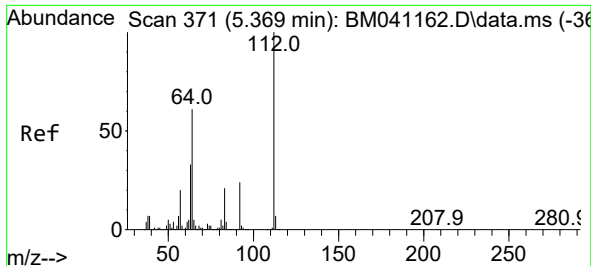
Tgt Ion: 79 Resp: 312955
Ion Ratio Lower Upper
79 100
52 60.5 52.1 78.1
51 33.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 41.593 ng
RT: 3.575 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 42 Resp: 195789
Ion Ratio Lower Upper
42 100
74 126.6 100.8 151.2
44 5.5 5.0 7.4

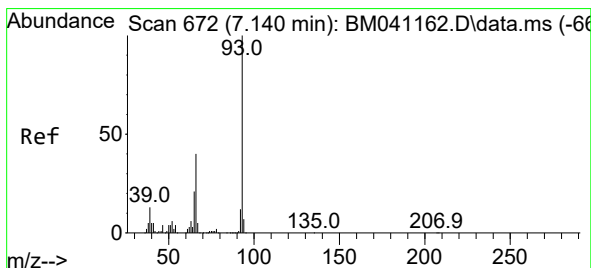
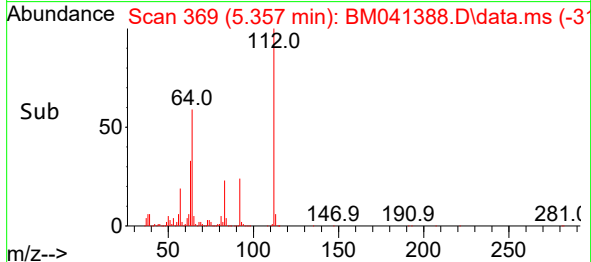
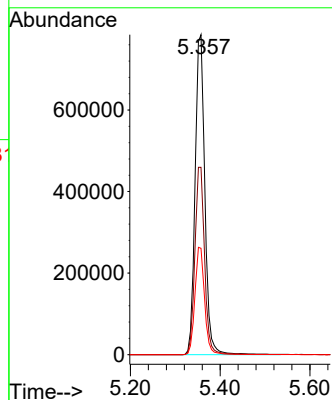
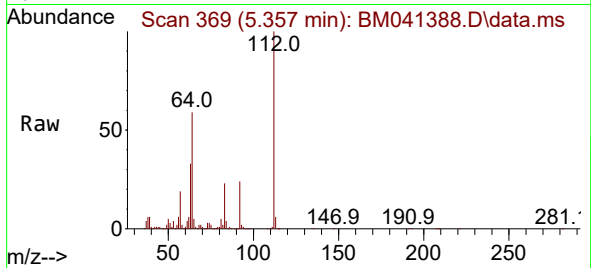




#5
2-Fluorophenol
Concen: 130.642 ng
RT: 5.357 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

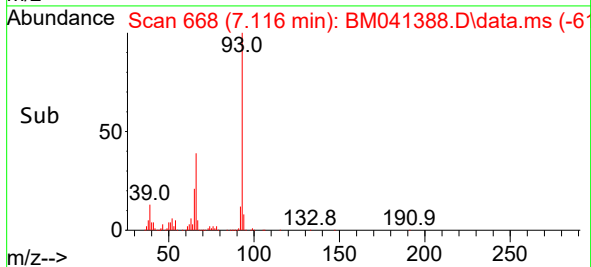
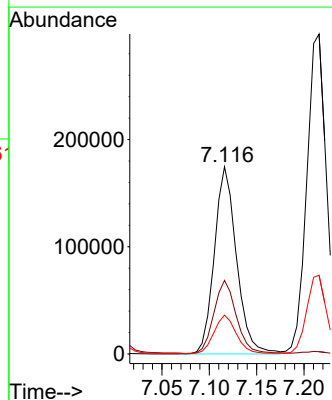
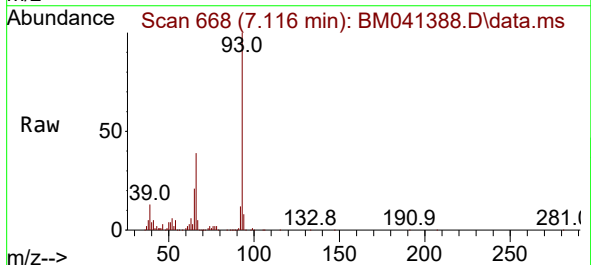
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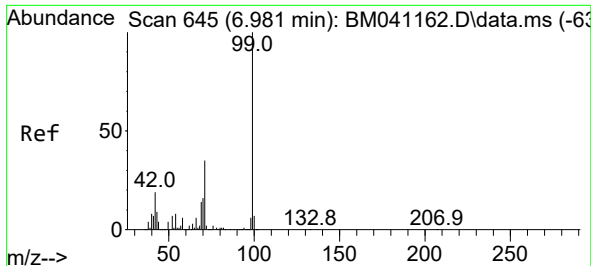
Tgt Ion:112 Resp: 1182131
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 33.2 26.5 39.7



#6
Aniline
Concen: 20.729 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 93 Resp: 284537
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 20.7 16.6 24.8



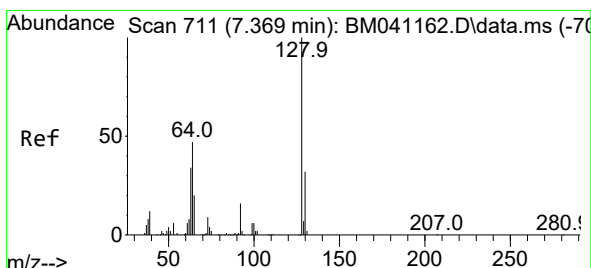
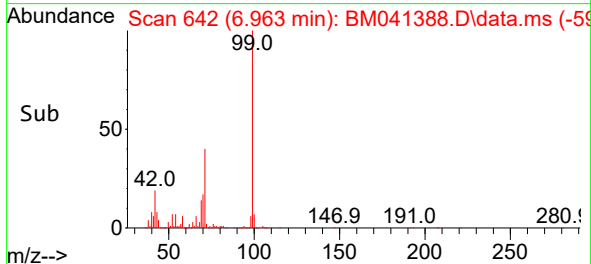
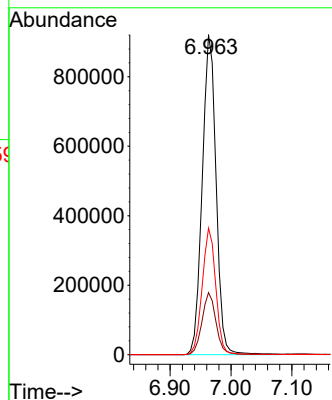
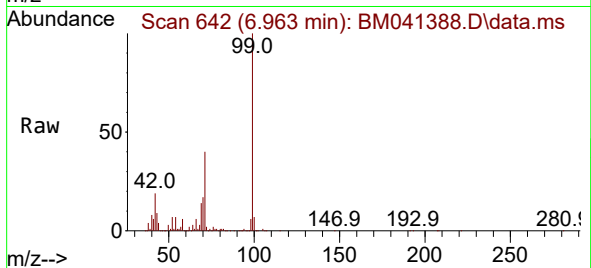


#7
Phenol-d6
Concen: 124.017 ng
RT: 6.963 min Scan# 645
Delta R.T. -0.006 min
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Tgt Ion: 99 Resp: 1454619

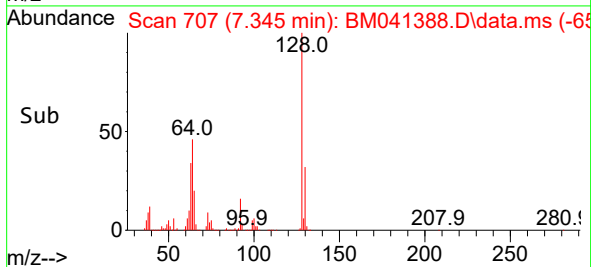
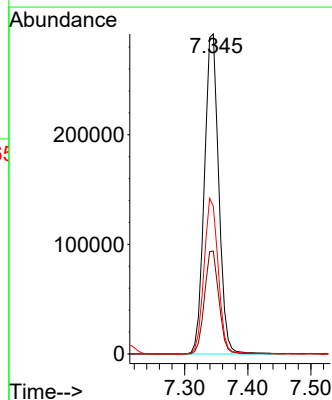
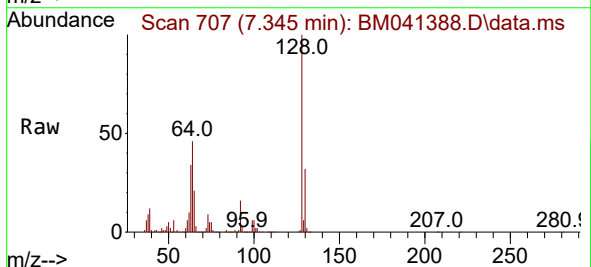
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	39.5	28.2	42.4

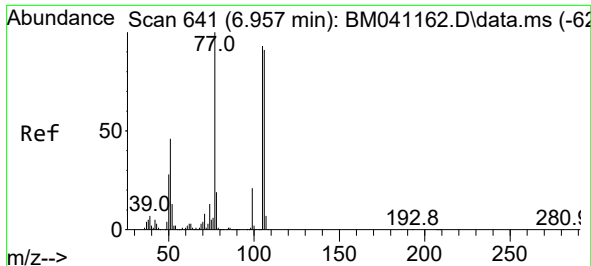


#8
2-Chlorophenol
Concen: 52.211 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 128 Resp: 461213

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	46.1	29.3	69.3

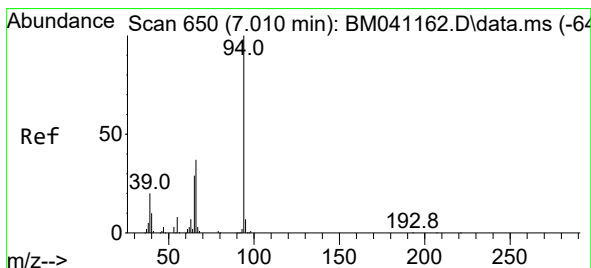
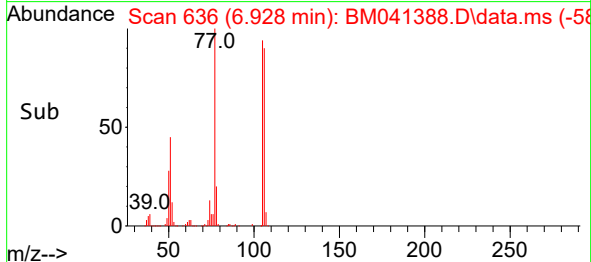
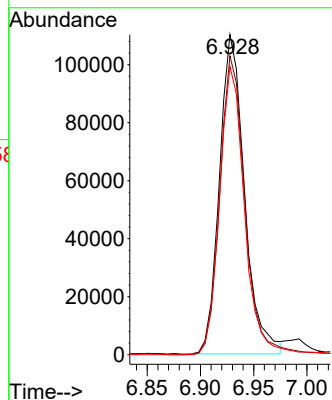
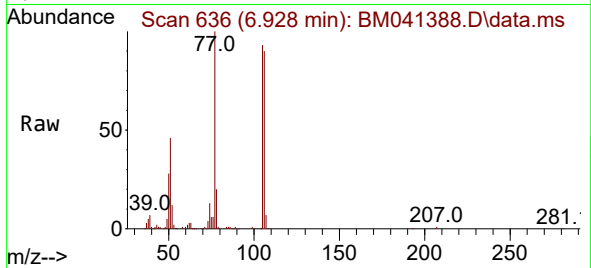




#9
Benzaldehyde
Concen: 29.066 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
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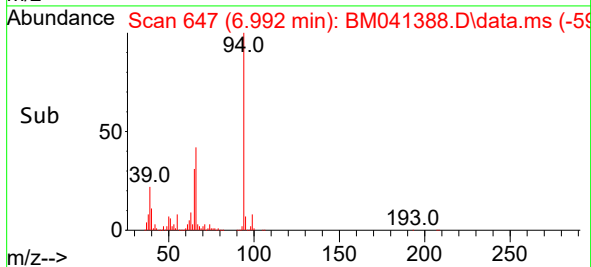
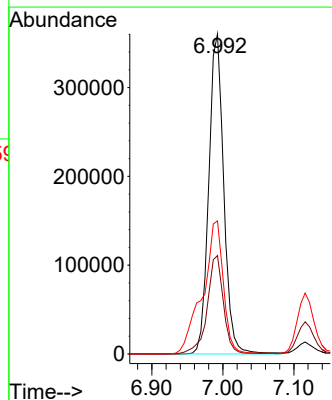
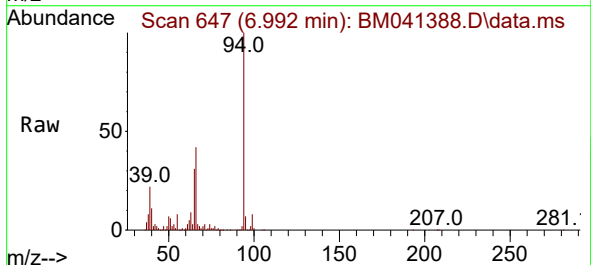
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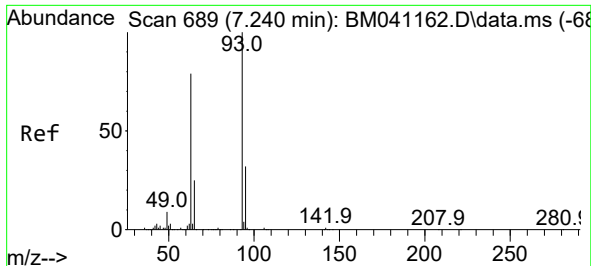
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Ion Ratio Lower Upper
77 100
105 93.3 72.8 112.8
106 90.1 70.8 110.8



#10
Phenol
Concen: 46.767 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 94 Resp: 529804
Ion Ratio Lower Upper
94 100
65 30.7 9.5 49.5
66 41.6 18.0 58.0

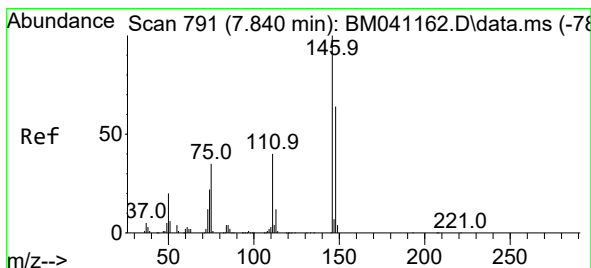
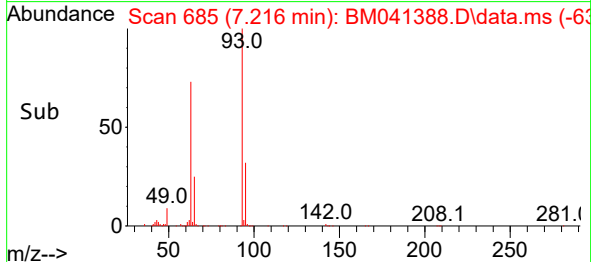
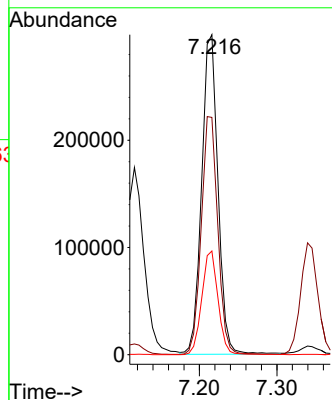
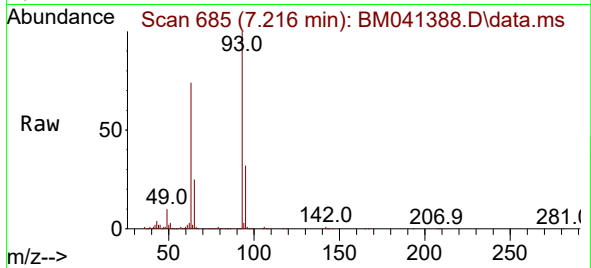




#11
bis(2-Chloroethyl)ether
Concen: 47.632 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

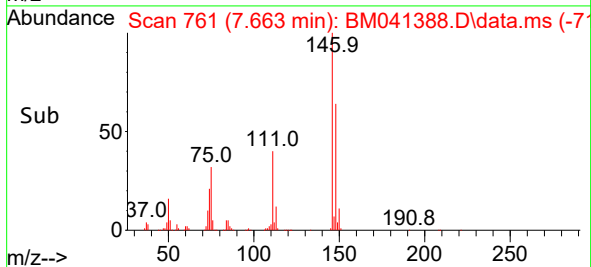
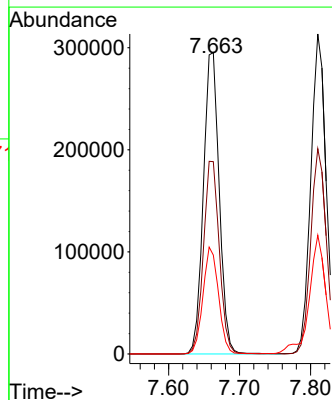
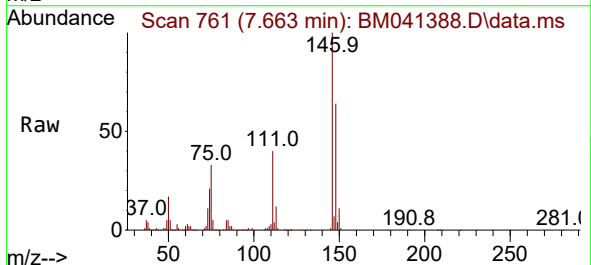
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

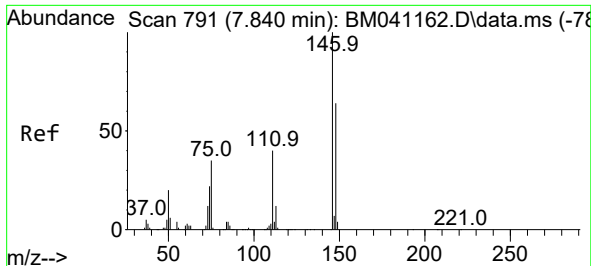
Tgt Ion: 93 Resp: 436791
Ion Ratio Lower Upper
93 100
63 74.2 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.796 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 146 Resp: 459590
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 32.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 48.620 ng

RT: 7.810 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

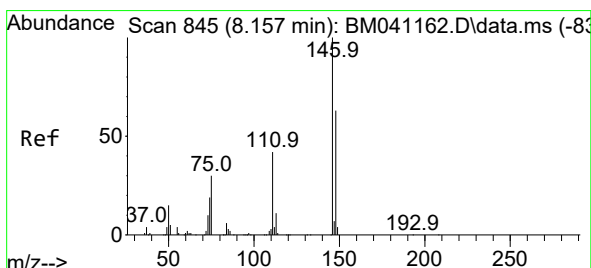
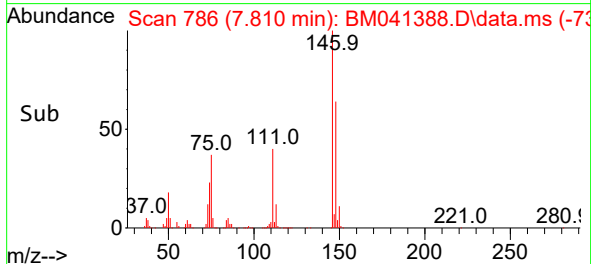
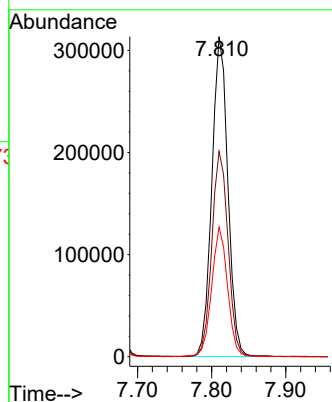
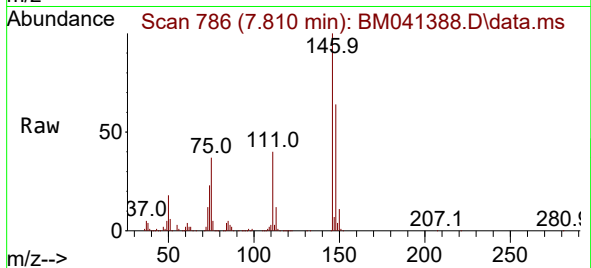
Tgt Ion:146 Resp: 469911

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 40.5 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 49.515 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

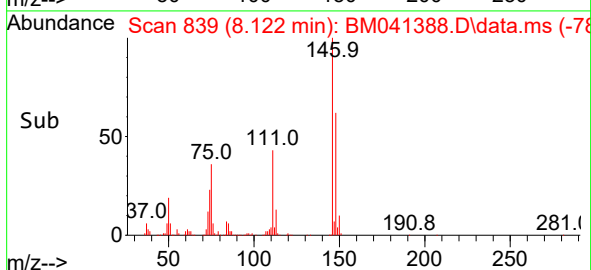
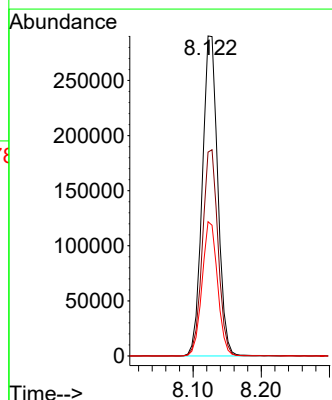
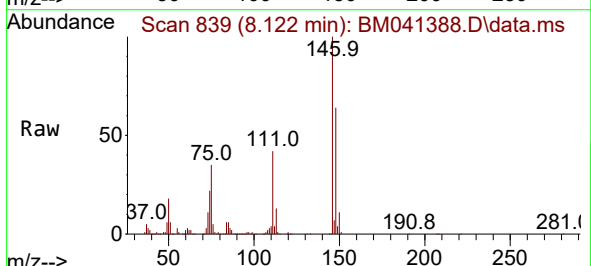
Tgt Ion:146 Resp: 458848

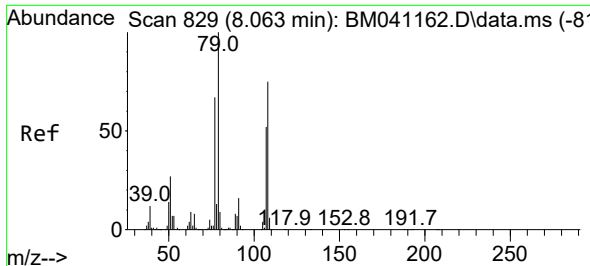
Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

111 42.0 33.8 50.6

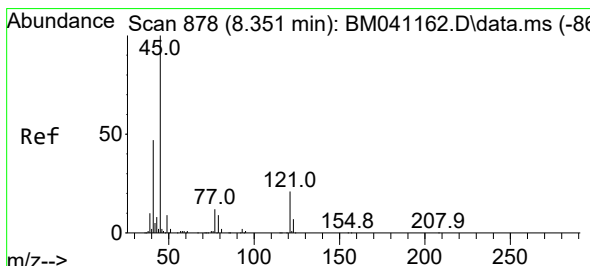
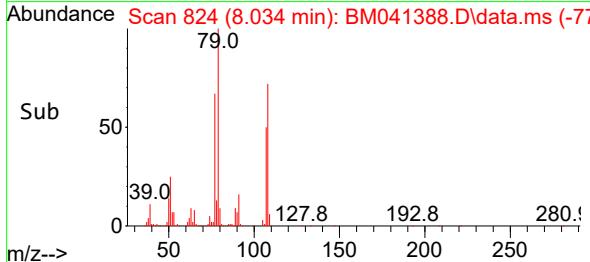
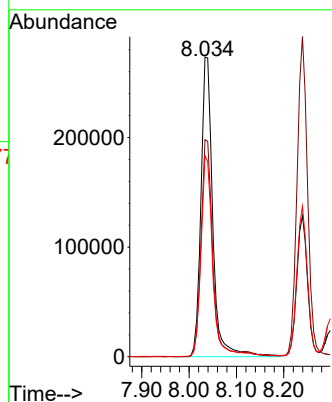
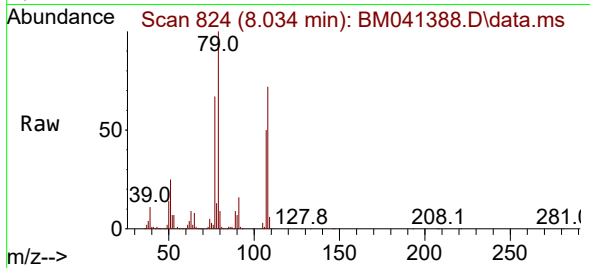




#15
Benzyl Alcohol
Concen: 64.069 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

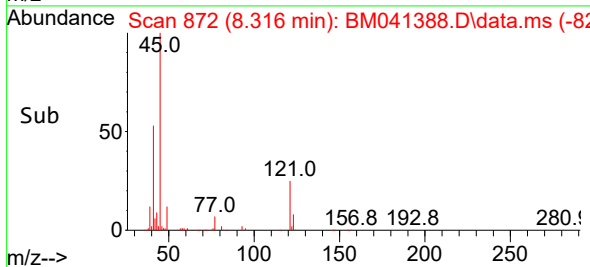
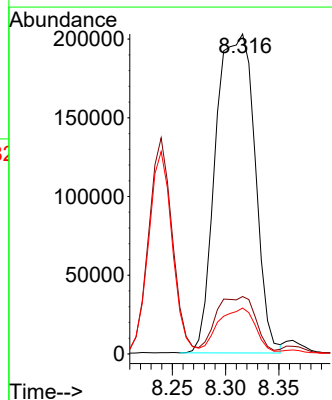
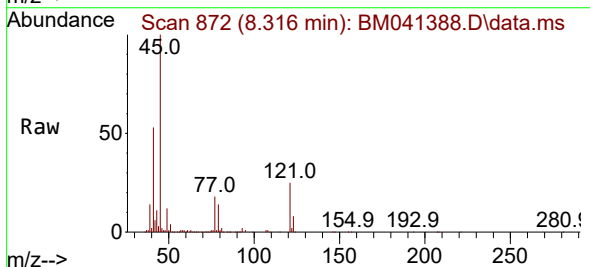
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

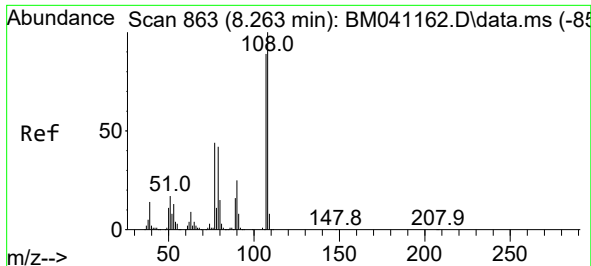
Tgt Ion: 79 Resp: 474571
Ion Ratio Lower Upper
79 100
108 72.4 59.8 89.8
77 67.1 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.276 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 45 Resp: 516529
Ion Ratio Lower Upper
45 100
77 18.0 0.0 34.5
79 14.3 0.0 32.1

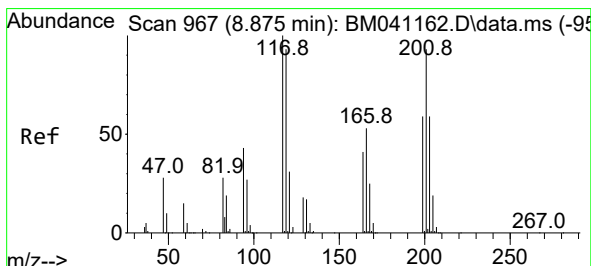
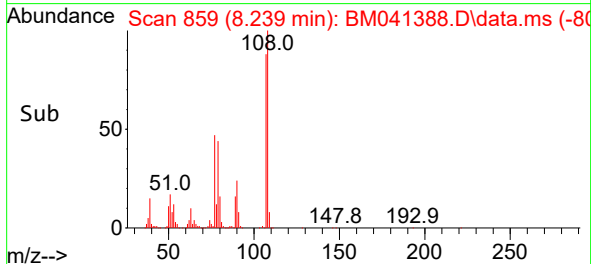
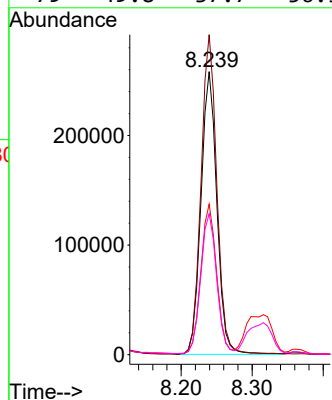
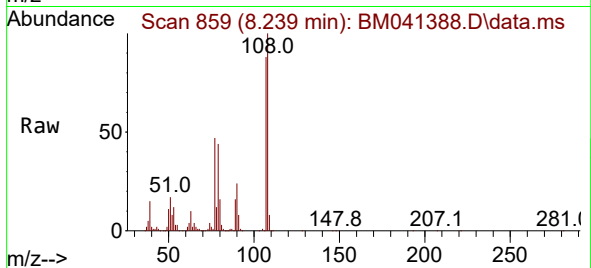




#17
2-Methylphenol
Concen: 51.992 ng
RT: 8.239 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

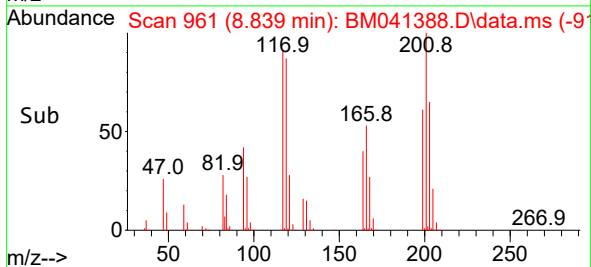
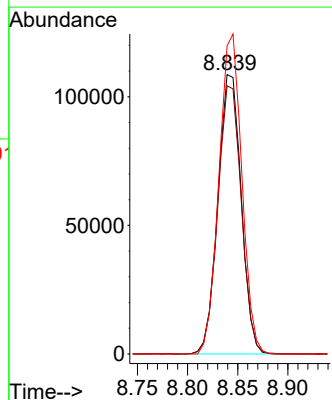
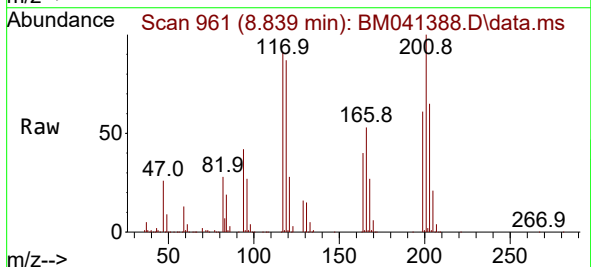
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

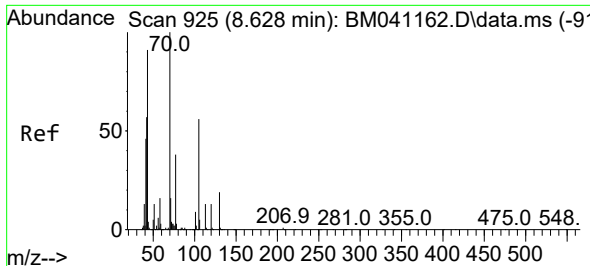
Tgt Ion:107 Resp: 402395
Ion Ratio Lower Upper
107 100
108 113.0 89.9 134.9
77 53.2 39.8 59.8
79 49.8 37.7 56.5



#18
Hexachloroethane
Concen: 48.680 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:117 Resp: 175160
Ion Ratio Lower Upper
117 100
119 96.0 74.2 111.4
201 110.4 74.5 111.7



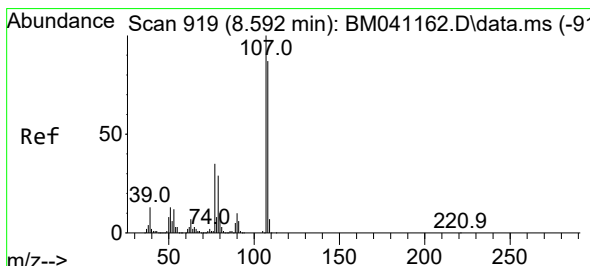
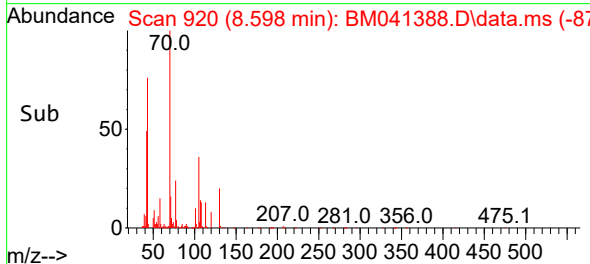
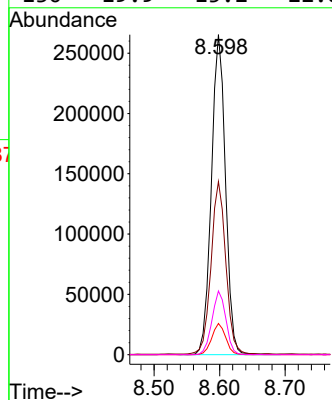
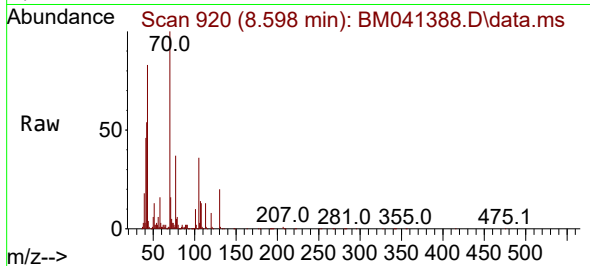


#19
n-Nitroso-di-n-propylamine
Concen: 55.709 ng
RT: 8.598 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Instrument :
BNA_M
ClientSampleId :
WC-15MSD

Tgt Ion: 70 Resp: 396888

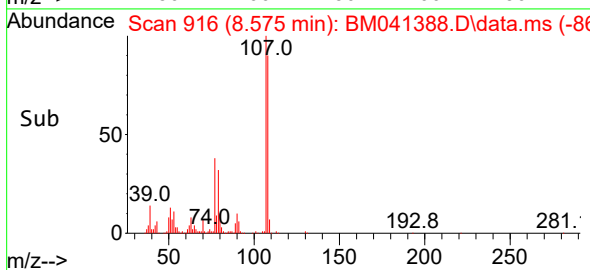
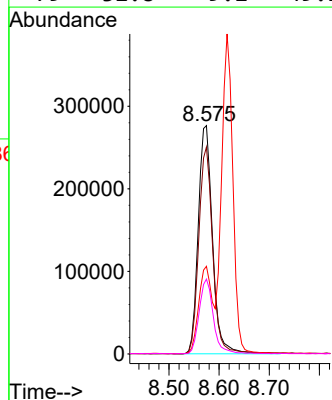
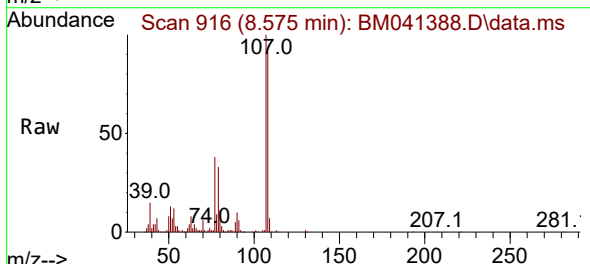
Ion	Ratio	Lower	Upper
70	100		
42	54.1	45.8	68.8
101	9.8	7.4	11.0
130	19.9	15.2	22.8

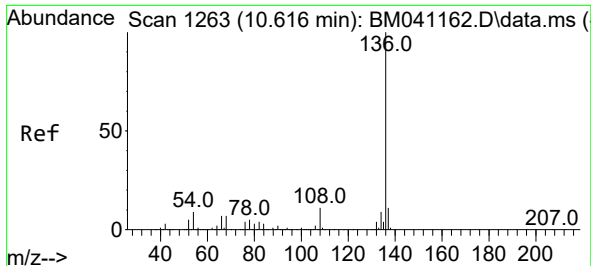


#20
3+4-Methylphenols
Concen: 52.850 ng
RT: 8.575 min Scan# 916
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 107 Resp: 546910

Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.2	107.2
77	38.4	15.4	55.4
79	32.8	9.2	49.2

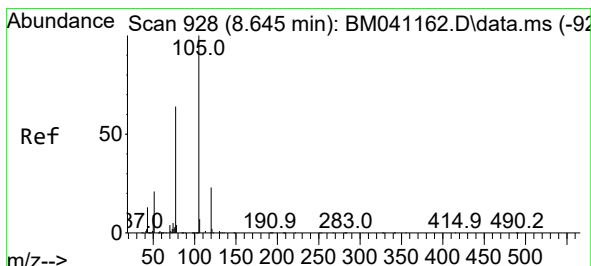
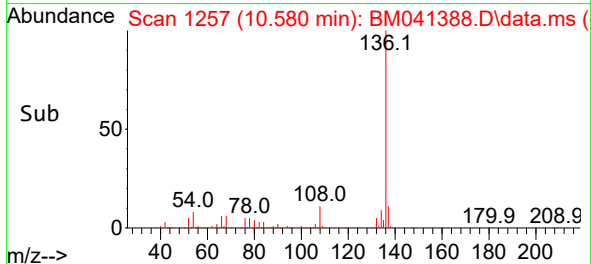
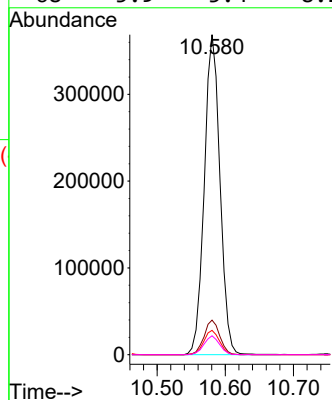
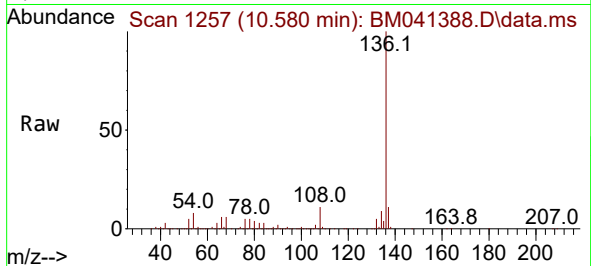




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

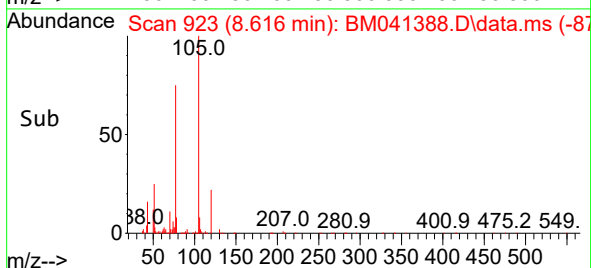
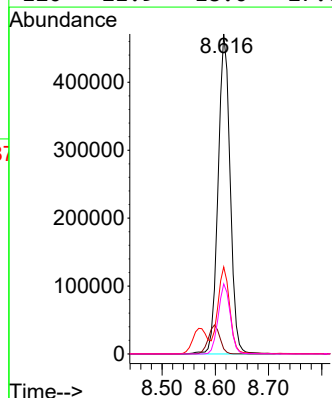
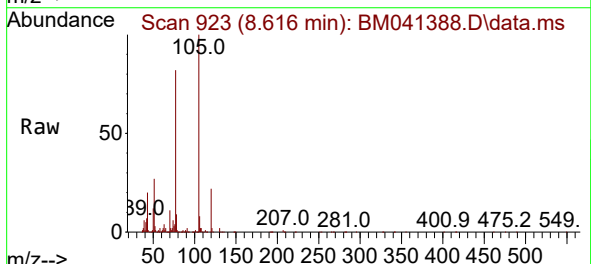
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

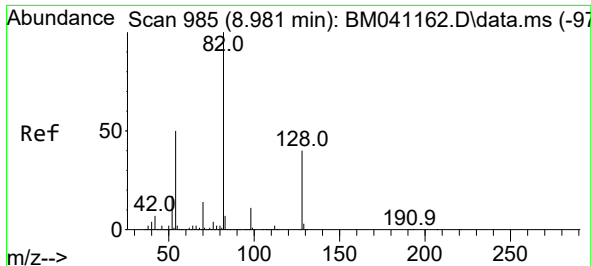
Tgt Ion:	136	Resp:	589435
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	6.9	10.3
68	5.9	5.4	8.2



#22
Acetophenone
Concen: 47.348 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:	105	Resp:	739136
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.2	1.8
51	27.2	22.0	33.0
120	21.9	18.0	27.0

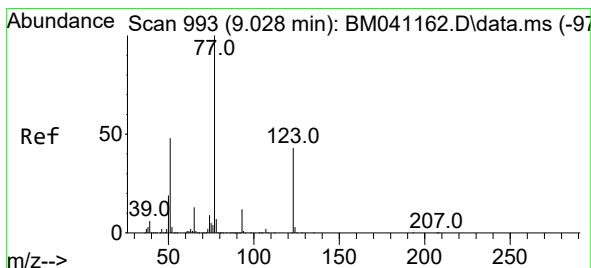
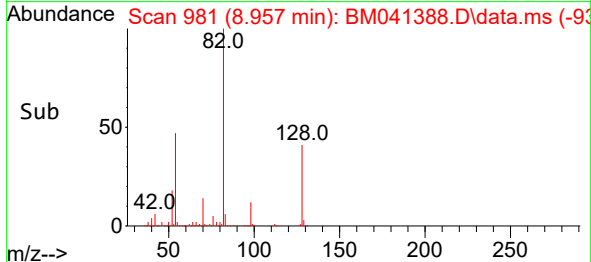
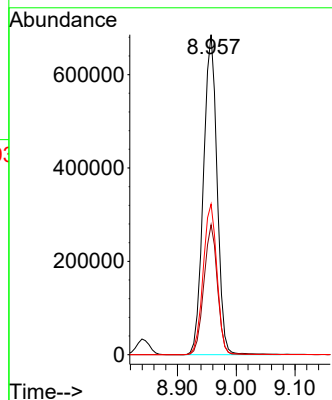
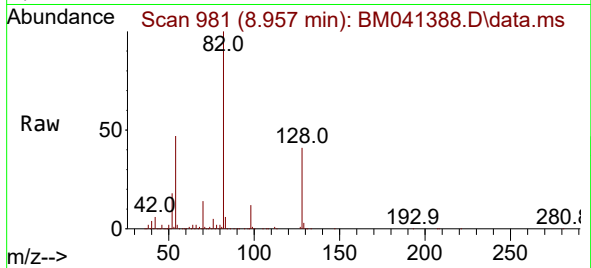




#23
Nitrobenzene-d5
Concen: 87.263 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

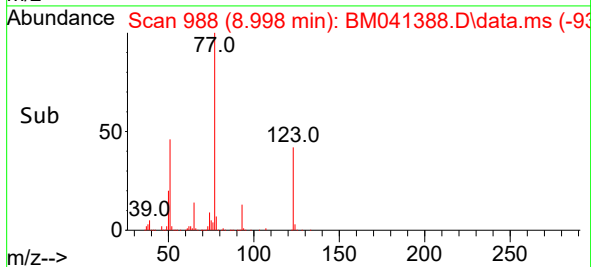
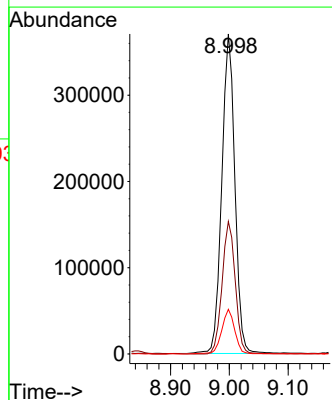
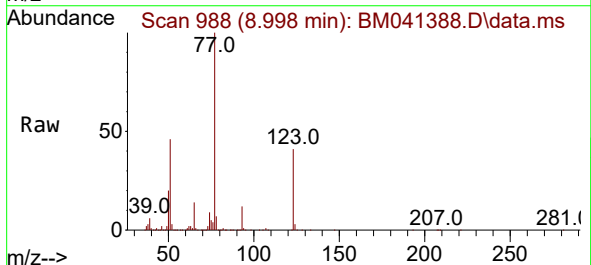
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

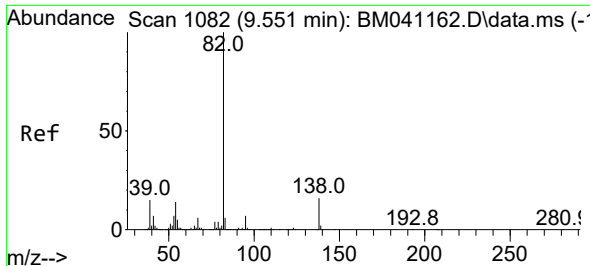
Tgt Ion: 82 Resp: 1106034
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 47.1 40.1 60.1



#24
Nitrobenzene
Concen: 44.750 ng
RT: 8.998 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 77 Resp: 573593
Ion Ratio Lower Upper
77 100
123 41.4 34.2 51.2
65 13.9 10.7 16.1

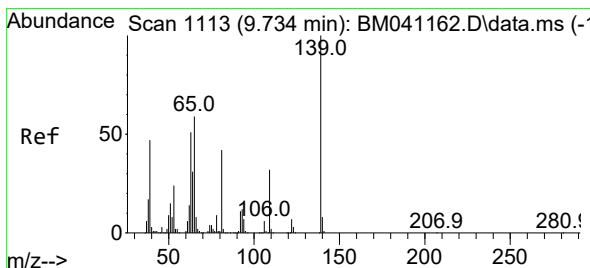
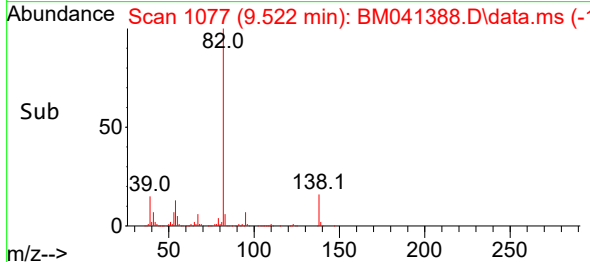
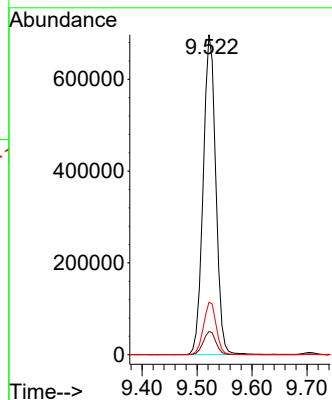
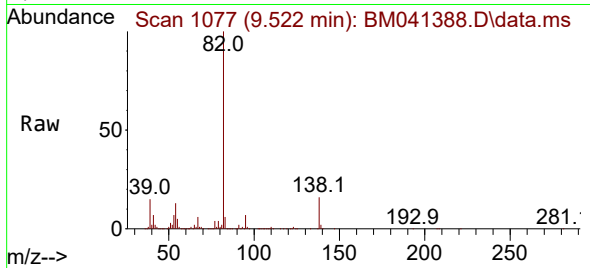




#25
Isophorone
Concen: 51.601 ng
RT: 9.522 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

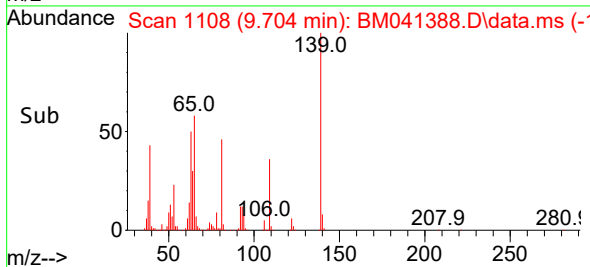
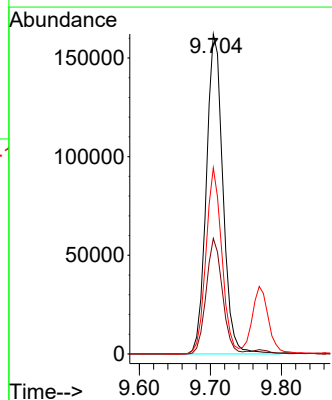
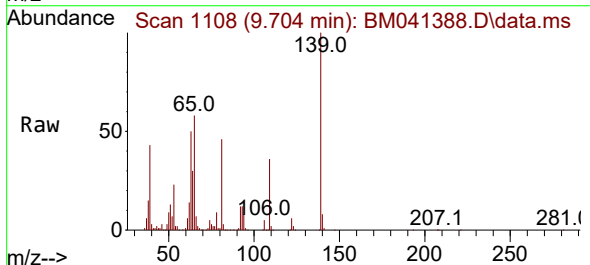
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

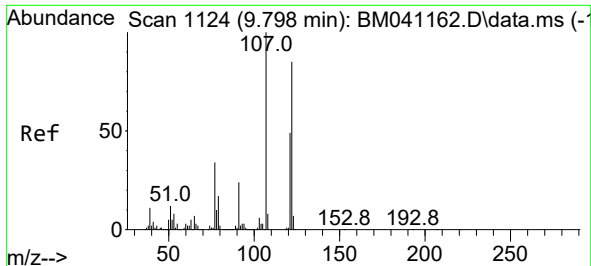
Tgt Ion: 82 Resp: 1110234
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 52.622 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 139 Resp: 263673
Ion Ratio Lower Upper
139 100
109 36.1 25.4 38.2
65 58.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 48.615 ng

RT: 9.769 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

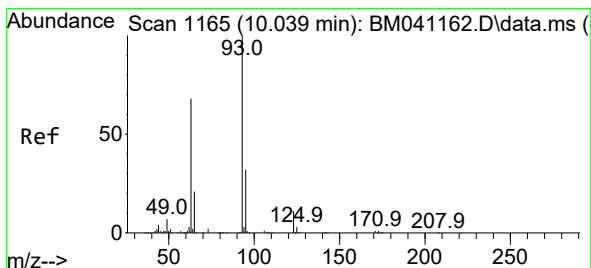
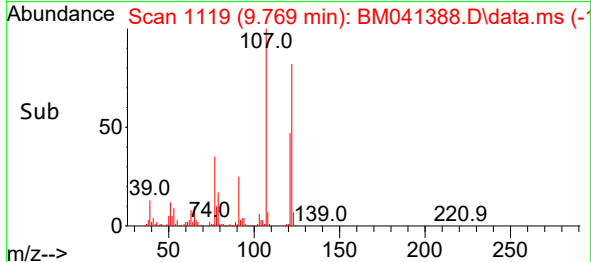
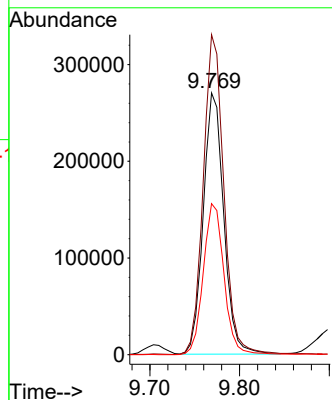
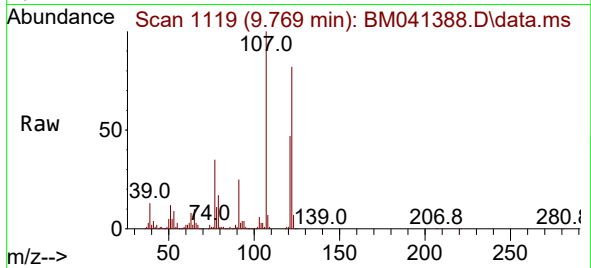
Tgt Ion:122 Resp: 428654

Ion Ratio Lower Upper

122 100

107 122.3 94.3 141.5

121 57.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.207 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

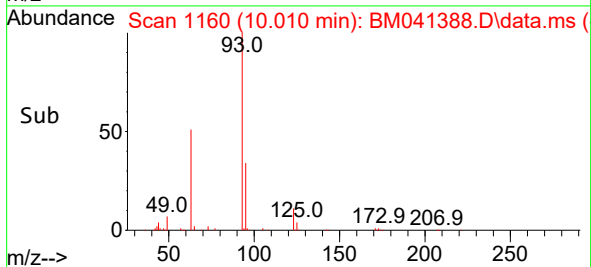
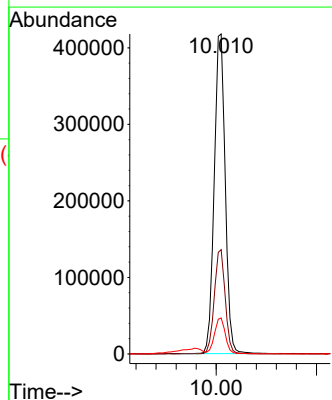
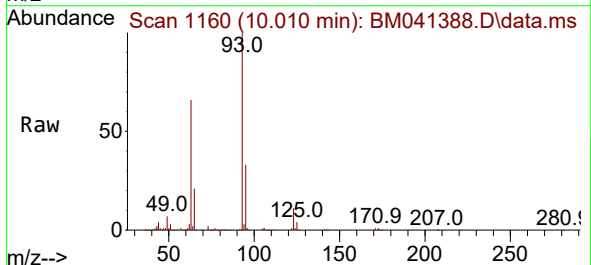
Tgt Ion: 93 Resp: 636233

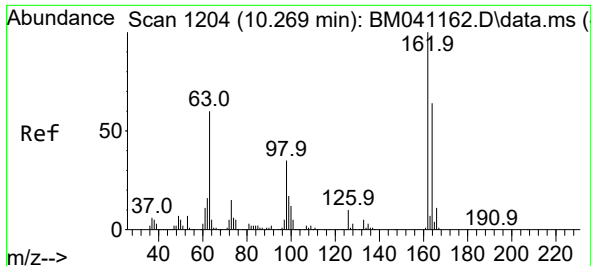
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 56.355 ng

RT: 10.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

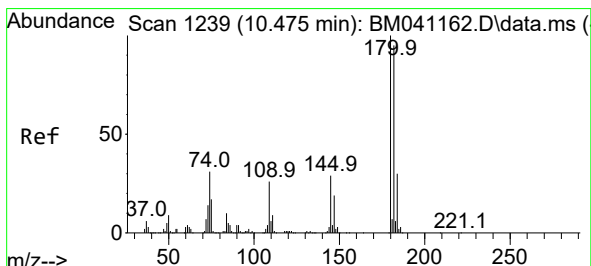
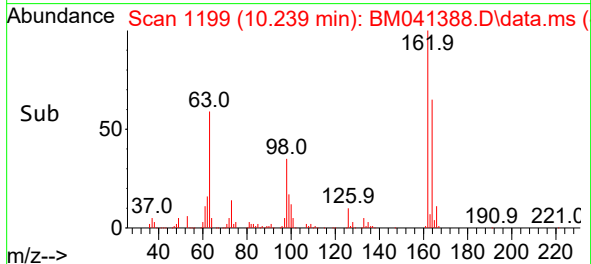
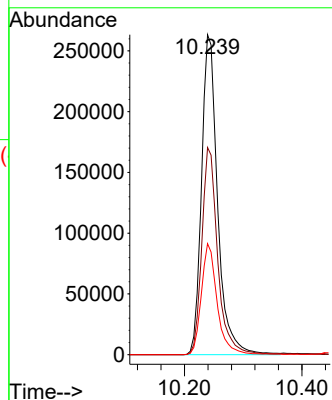
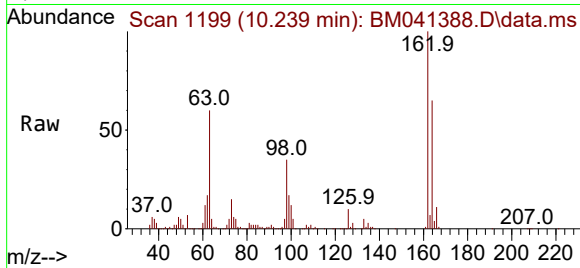
Tgt Ion:162 Resp: 501094

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

98 34.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.755 ng

RT: 10.445 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

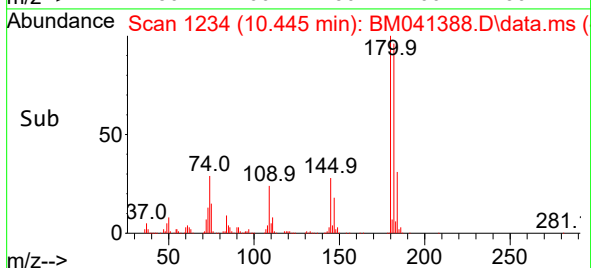
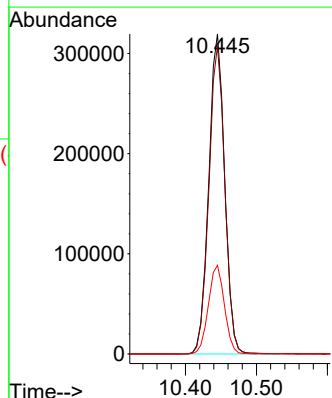
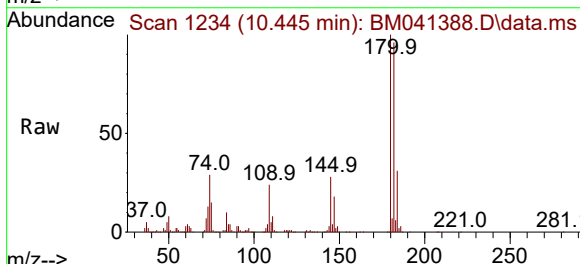
Tgt Ion:180 Resp: 498620

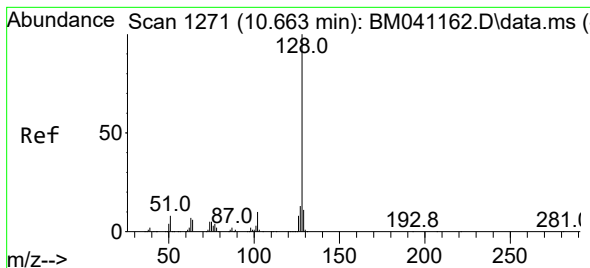
Ion Ratio Lower Upper

180 100

182 96.3 75.9 113.9

145 27.7 23.6 35.4

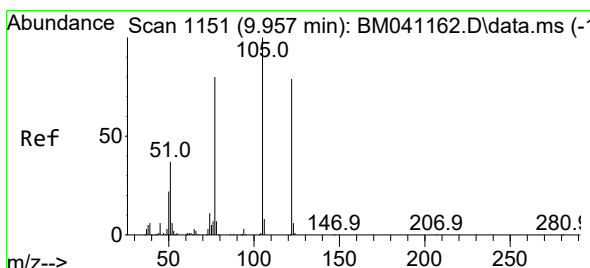
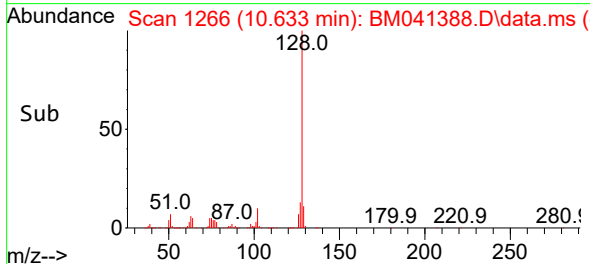
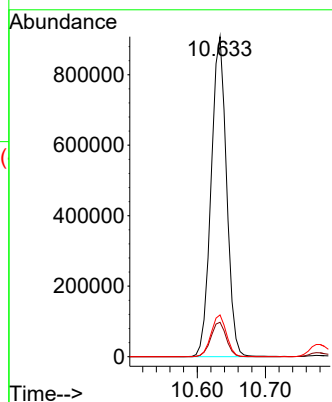
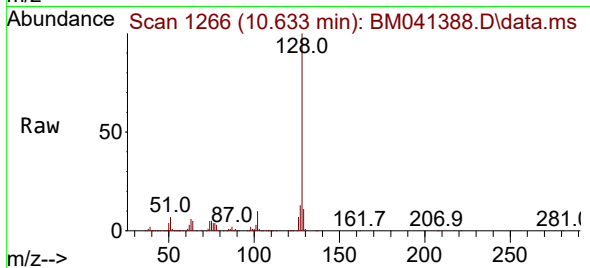




#31
Naphthalene
Concen: 44.735 ng
RT: 10.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

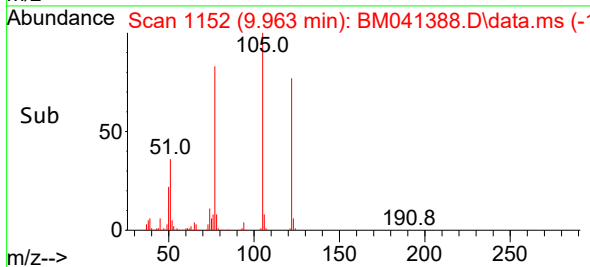
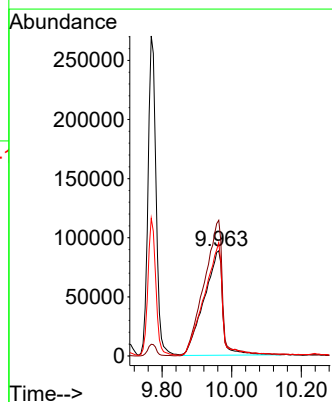
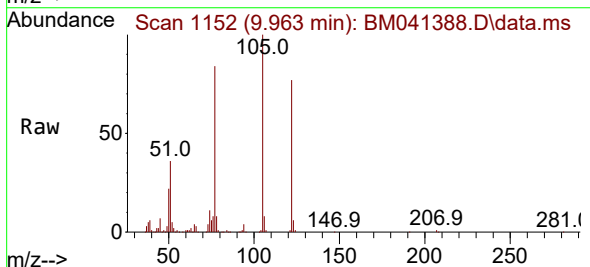
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

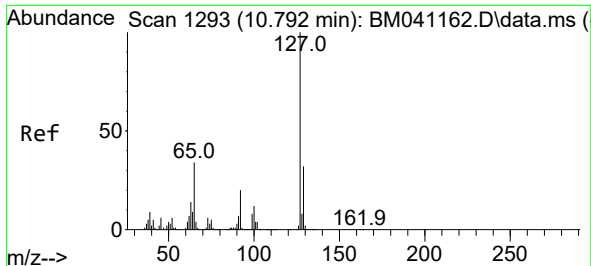
Tgt Ion:128 Resp: 1430911
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 49.199 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:122 Resp: 327200
Ion Ratio Lower Upper
122 100
105 129.1 104.0 144.0
77 107.8 79.9 119.9

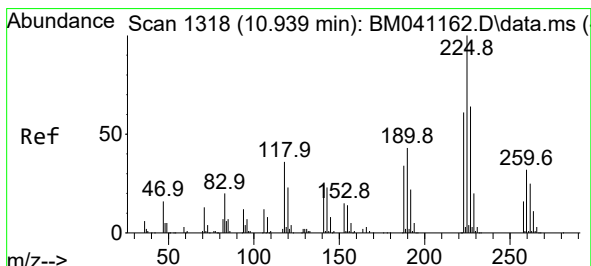
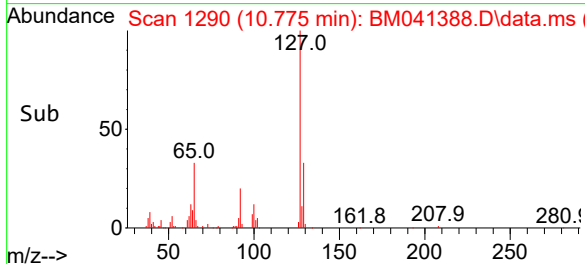
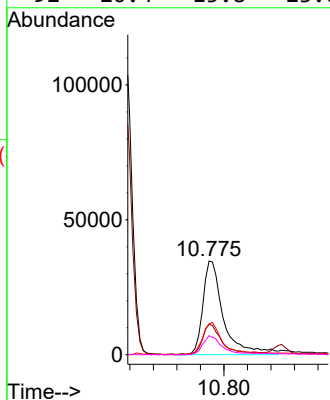
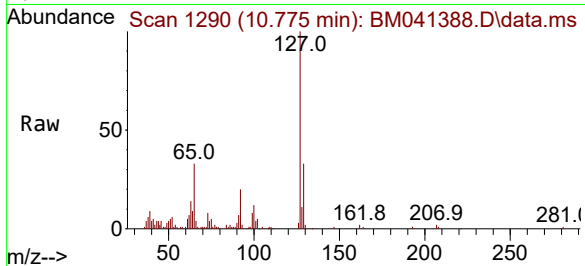




#33
4-Chloroaniline
Concen: 6.624 ng
RT: 10.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

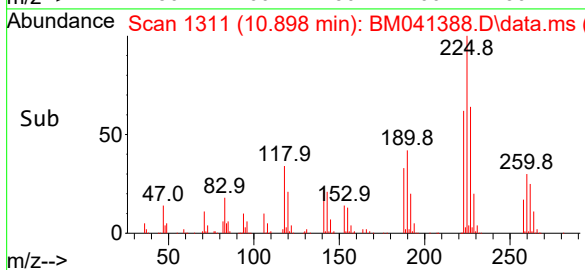
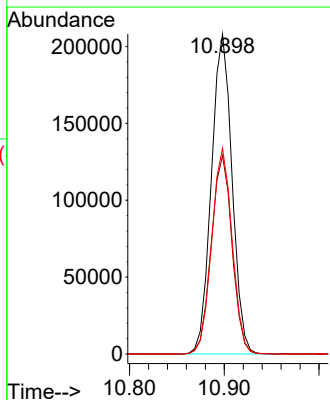
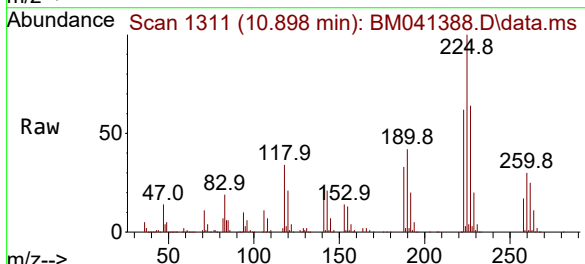
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

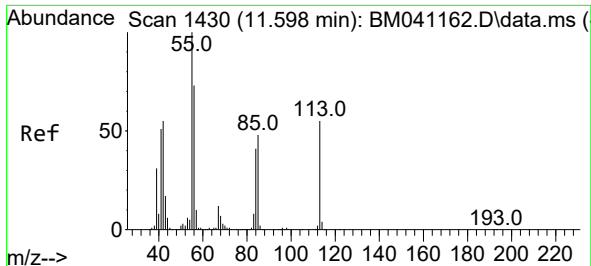
Tgt Ion:	127	Resp:	84675
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.9	26.9	40.3
92	20.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 53.265 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:	225	Resp:	314712
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.4
227	64.3	50.8	76.2

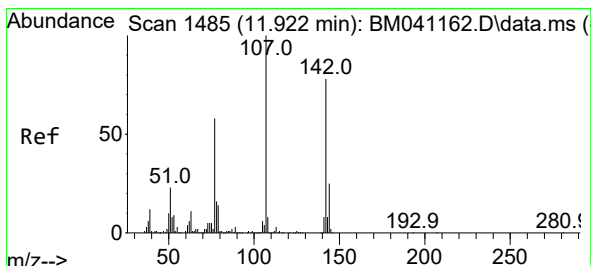
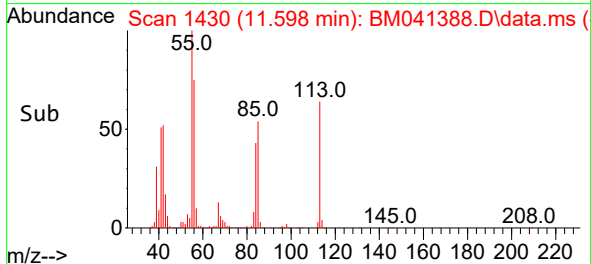
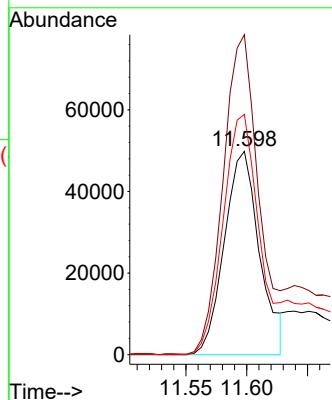
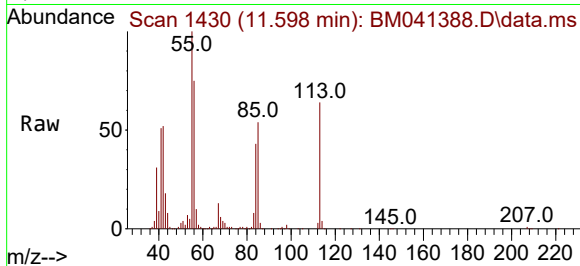




#35
Caprolactam
Concen: 39.060 ng
RT: 11.598 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

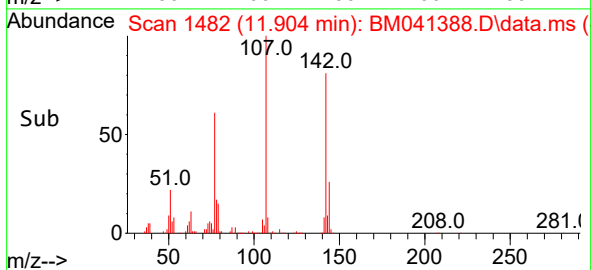
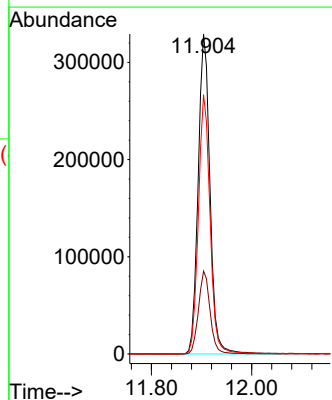
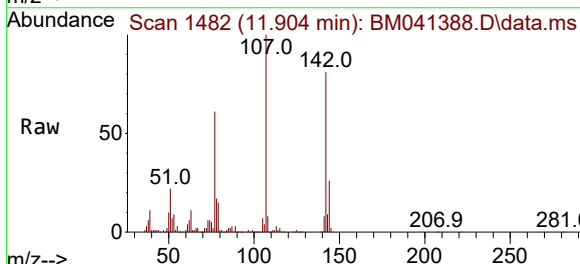
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

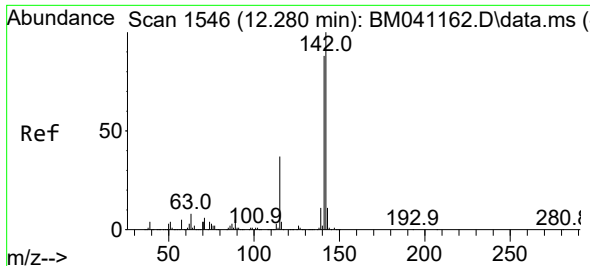
Tgt Ion:113 Resp: 100472
Ion Ratio Lower Upper
113 100
55 157.4 162.5 202.5#
56 118.1 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 57.497 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:107 Resp: 538100
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 81.0 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.315 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

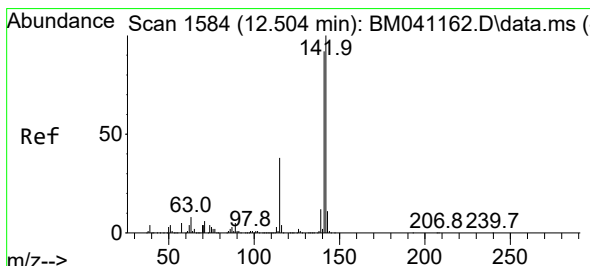
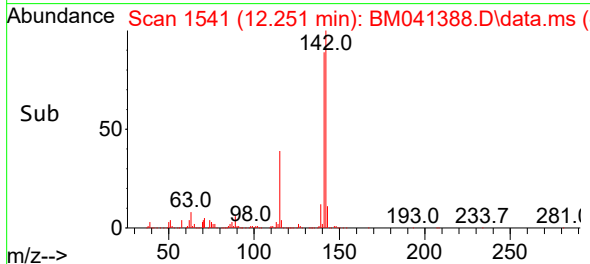
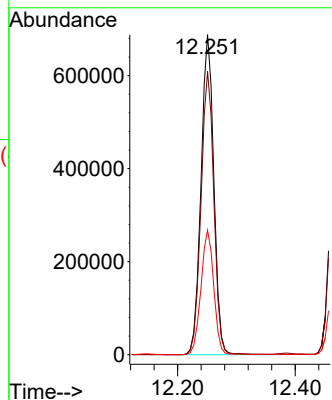
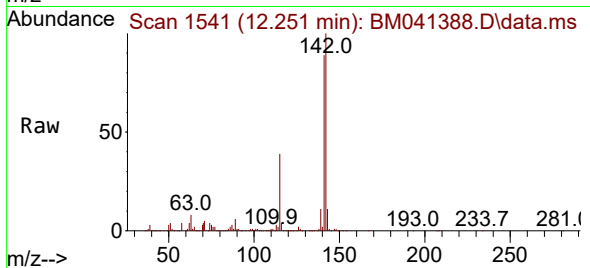
Tgt Ion:142 Resp: 1041881

Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 38.9 29.3 43.9



#38

1-Methylnaphthalene

Concen: 50.120 ng

RT: 12.469 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

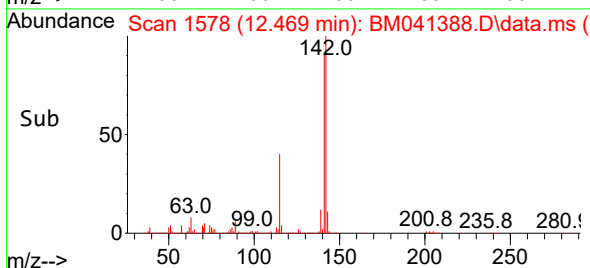
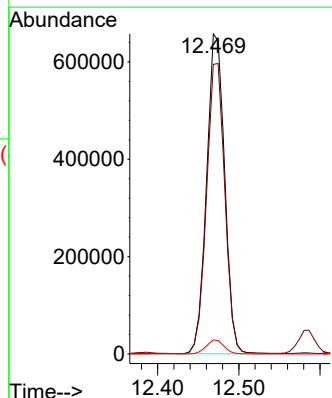
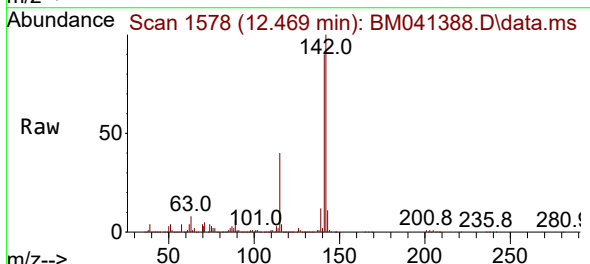
Tgt Ion:142 Resp: 1011564

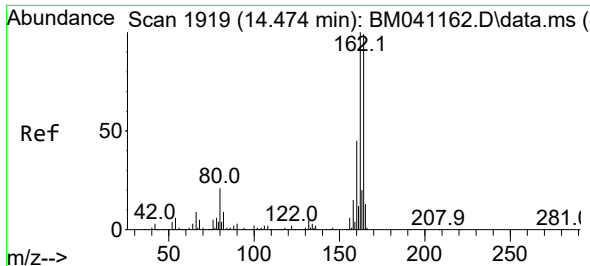
Ion Ratio Lower Upper

142 100

141 90.5 73.4 110.2

116 4.4 3.2 4.8

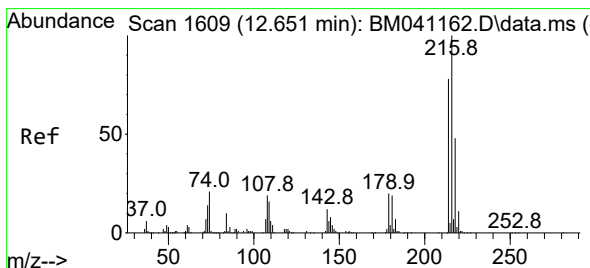
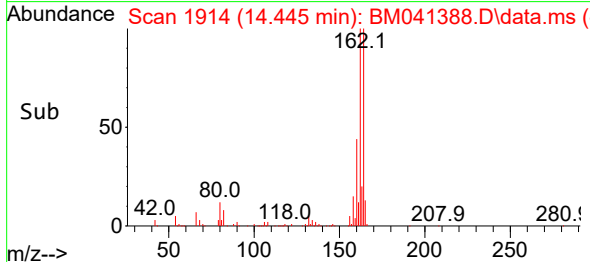
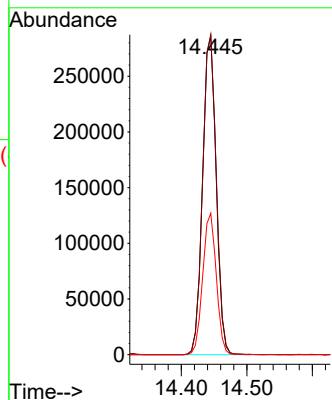
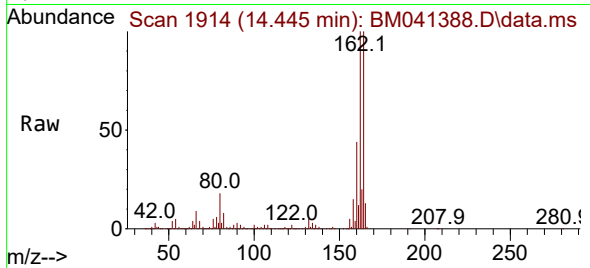




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

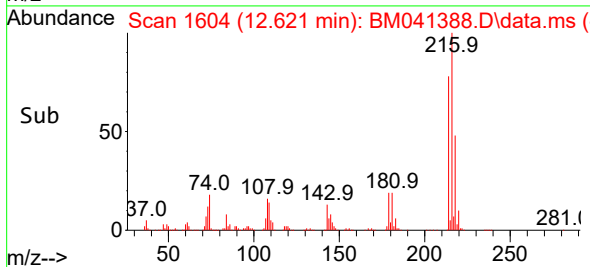
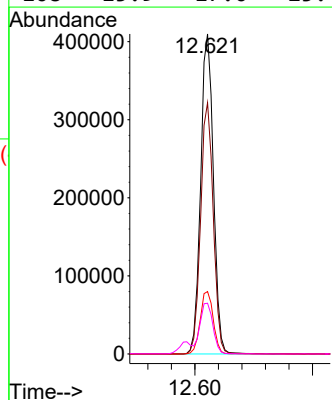
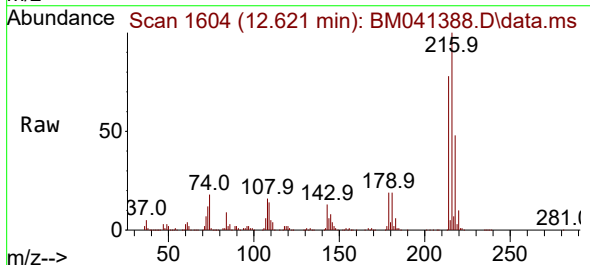
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

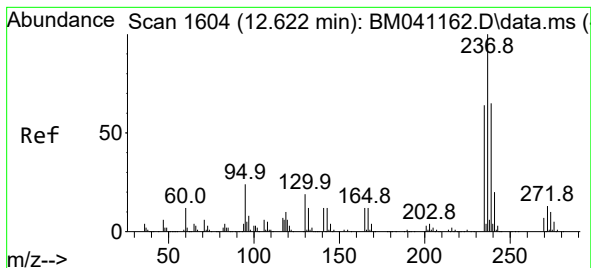
Tgt Ion:164 Resp: 412800
Ion Ratio Lower Upper
164 100
162 100.5 80.4 120.6
160 44.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.924 ng
RT: 12.621 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:216 Resp: 615562
Ion Ratio Lower Upper
216 100
214 78.1 63.2 94.8
179 20.0 16.2 24.2
108 15.9 17.0 25.4#





#41

Hexachlorocyclopentadiene

Concen: 90.150 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

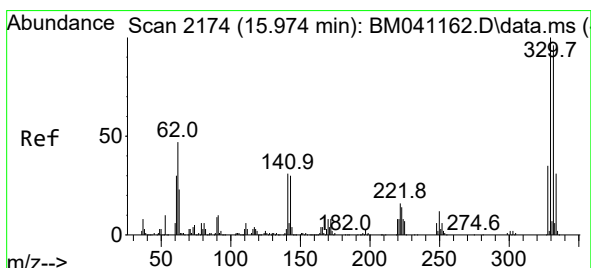
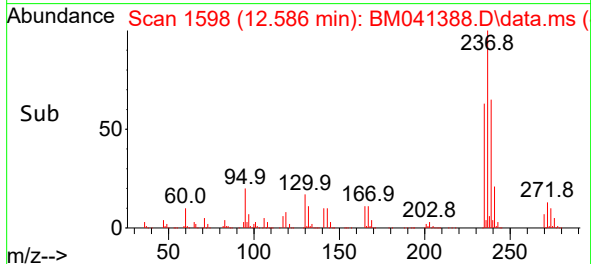
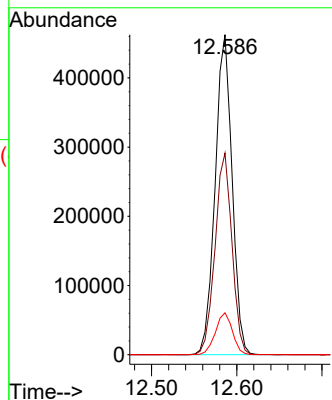
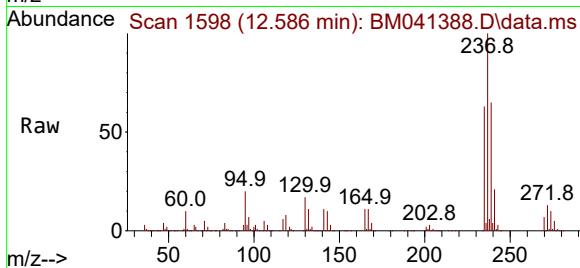
Tgt Ion:237 Resp: 639285

Ion Ratio Lower Upper

237 100

235 63.0 43.6 83.6

272 13.1 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 159.395 ng

RT: 15.951 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

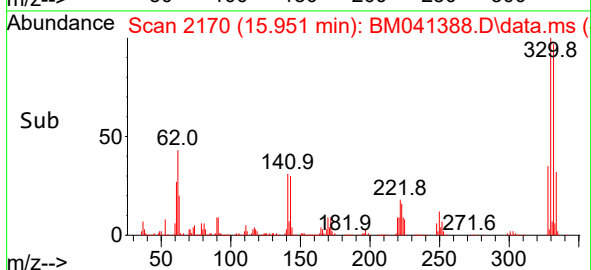
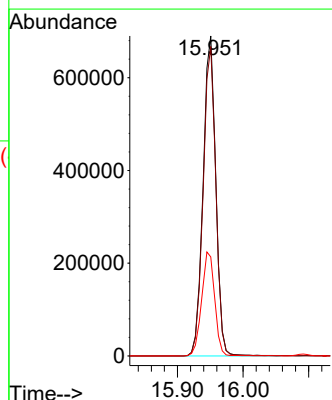
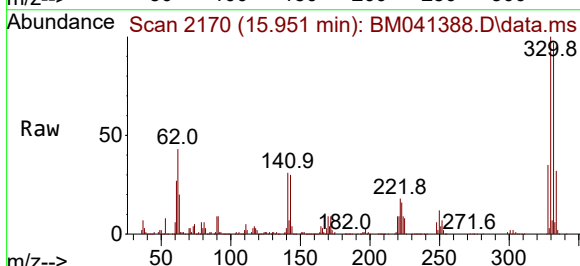
Tgt Ion:330 Resp: 930679

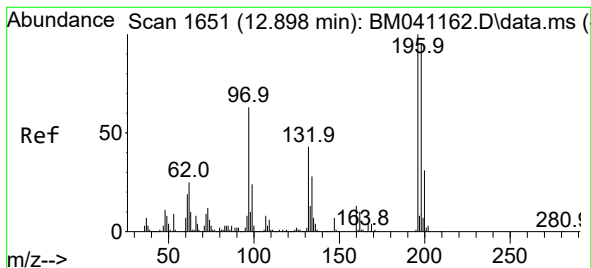
Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 33.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 52.150 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

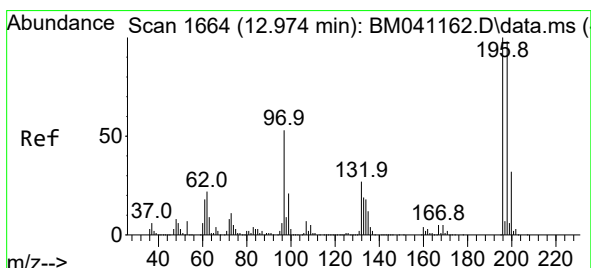
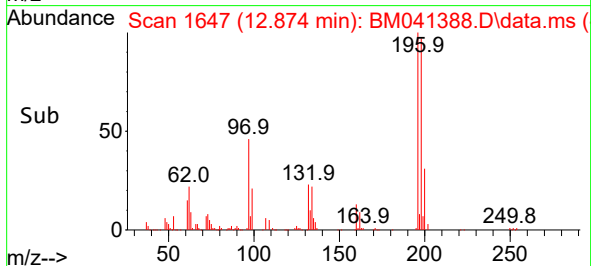
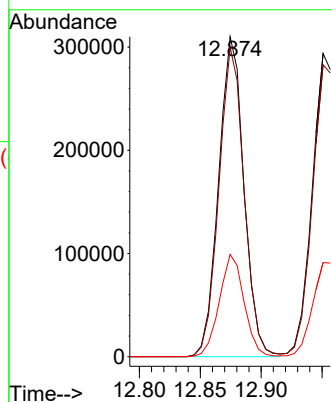
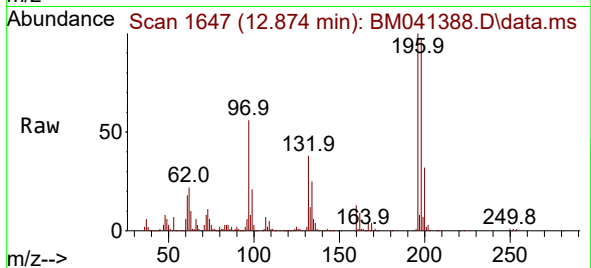
Tgt Ion:196 Resp: 448031

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.4

200 32.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 49.383 ng

RT: 12.951 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Tgt Ion:196 Resp: 491050

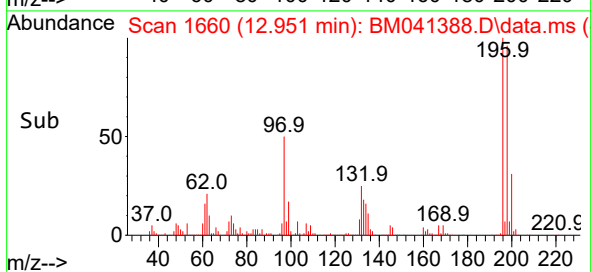
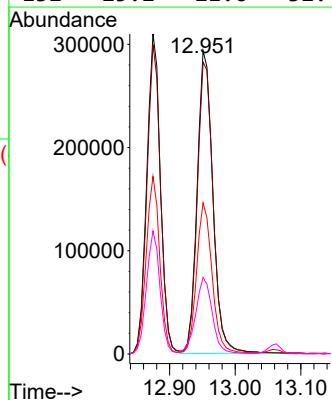
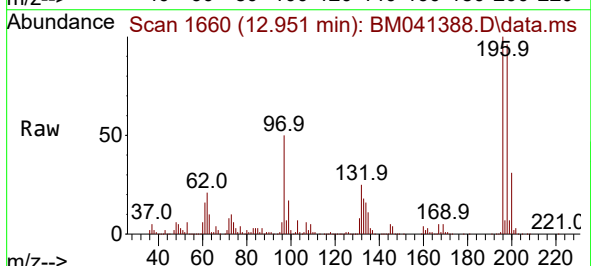
Ion Ratio Lower Upper

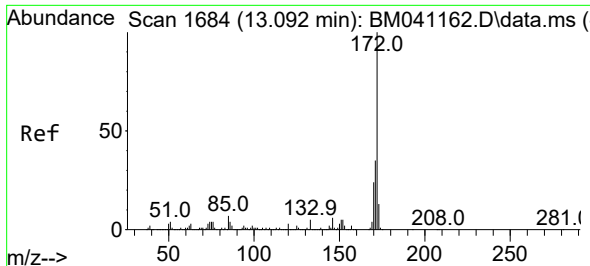
196 100

198 96.3 78.2 117.4

97 49.9 42.7 64.1

132 25.2 21.6 32.4

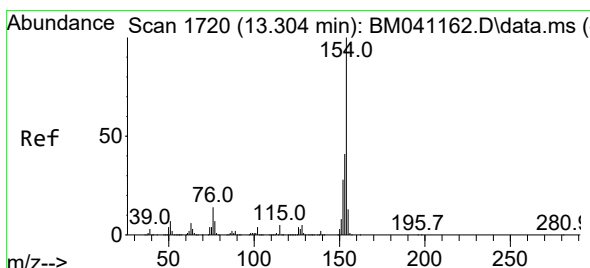
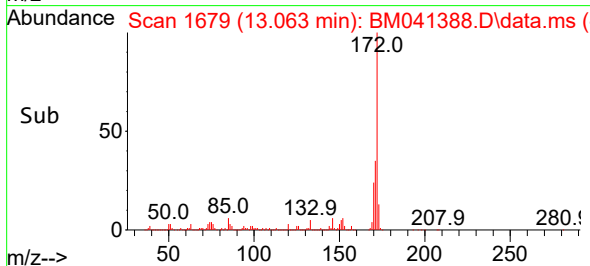
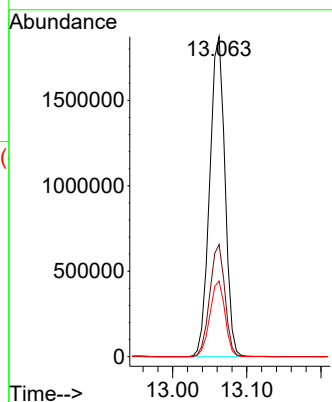
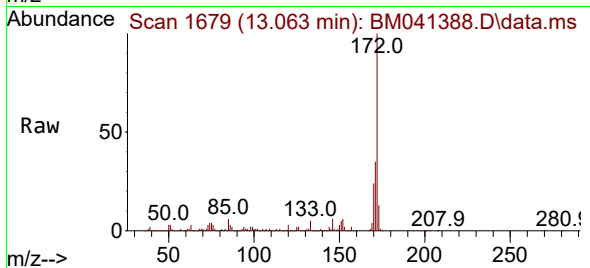




#45
2-Fluorobiphenyl
Concen: 81.891 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

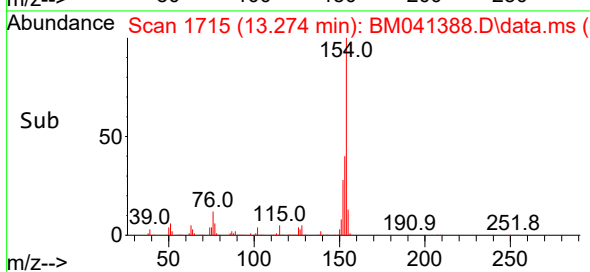
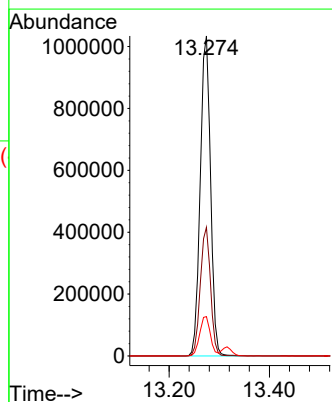
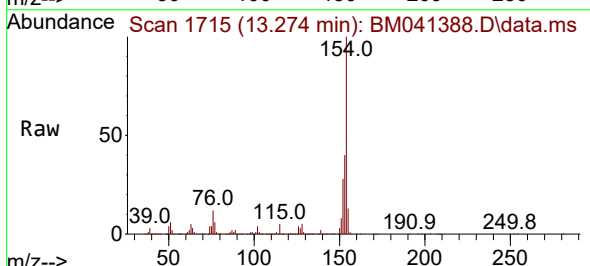
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

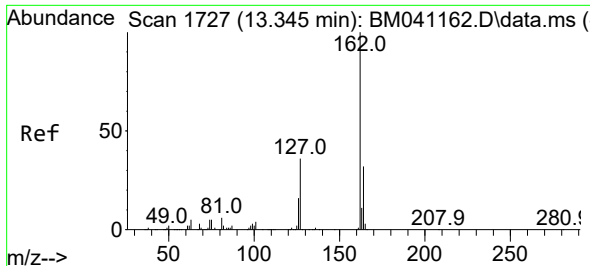
Tgt Ion:172 Resp: 2675993
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.978 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:154 Resp: 1471748
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.3 0.0 34.1

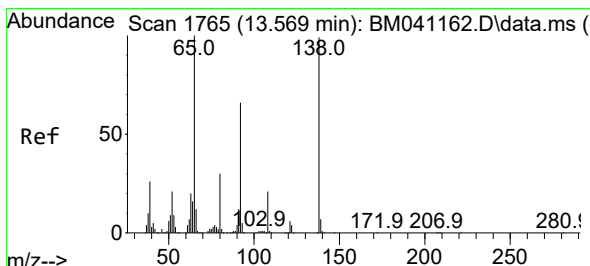
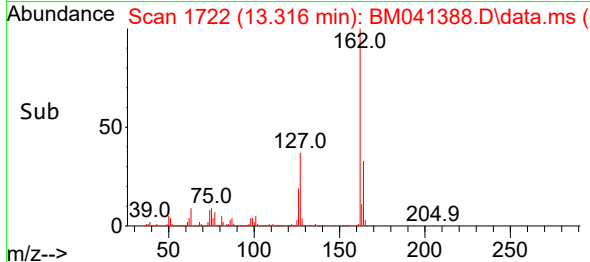
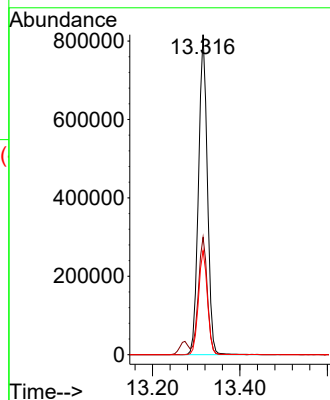
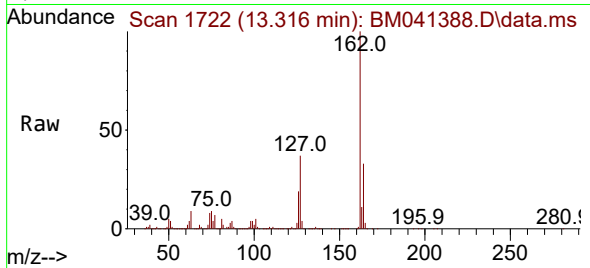




#47
2-Chloronaphthalene
Concen: 46.243 ng
RT: 13.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

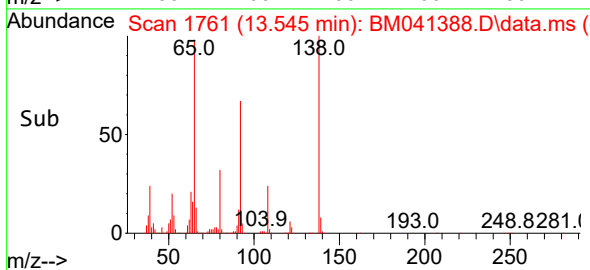
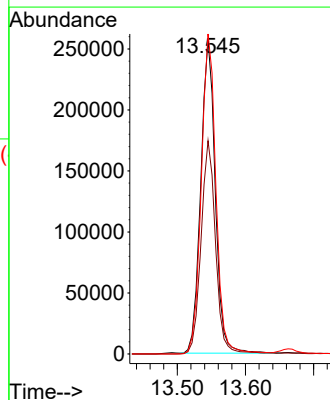
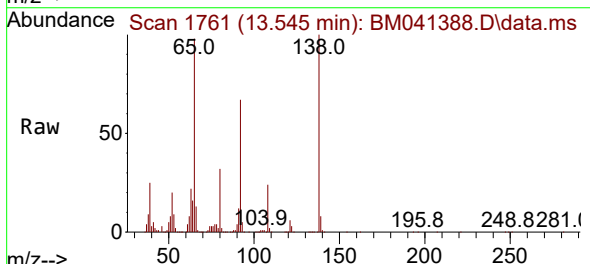
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

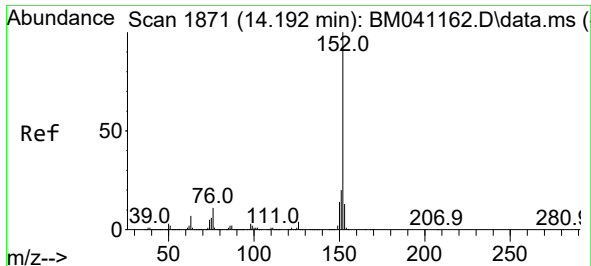
Tgt Ion:162 Resp: 1155501
Ion Ratio Lower Upper
162 100
127 36.7 30.6 45.8
164 32.5 25.6 38.4



#48
2-Nitroaniline
Concen: 47.737 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 65 Resp: 380750
Ion Ratio Lower Upper
65 100
92 67.9 53.0 79.4
138 101.8 79.1 118.7

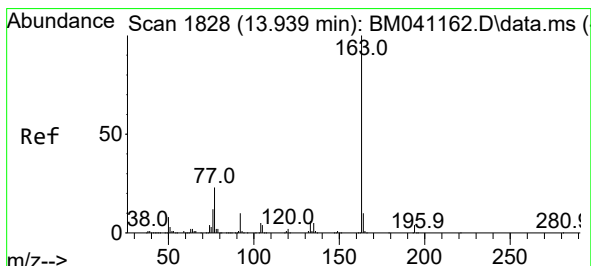
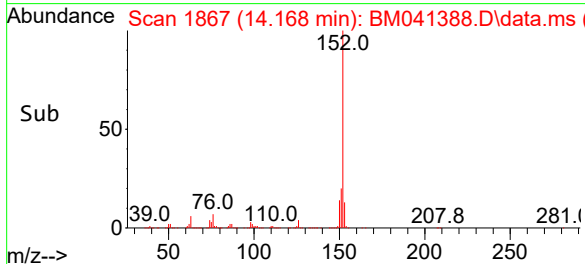
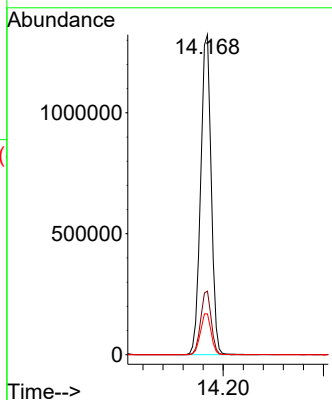
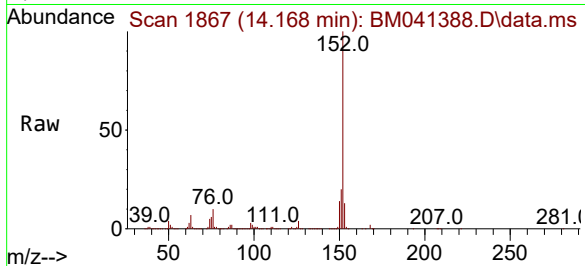




#49
Acenaphthylene
Concen: 47.826 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

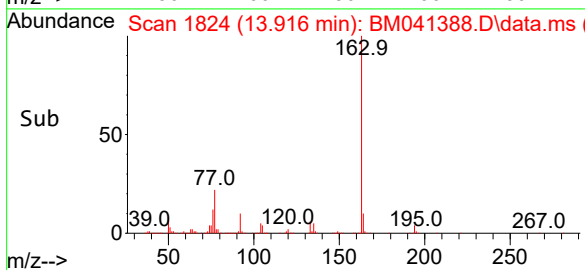
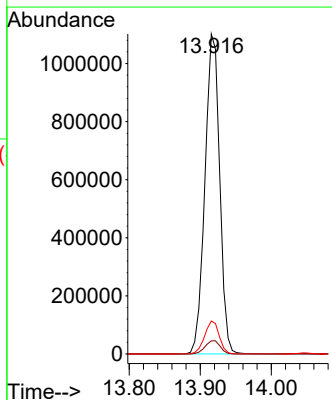
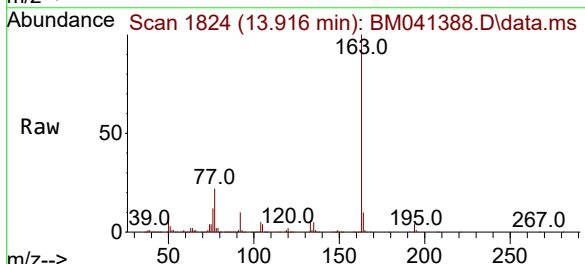
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

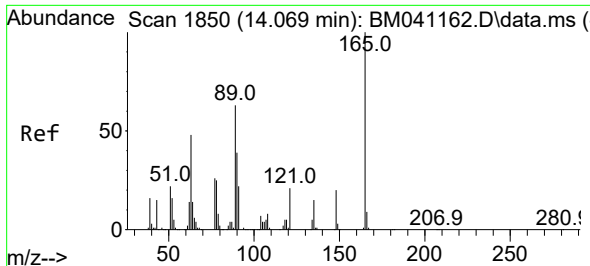
Tgt Ion:152 Resp: 1928920
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 51.294 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:163 Resp: 1592757
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.3 12.5

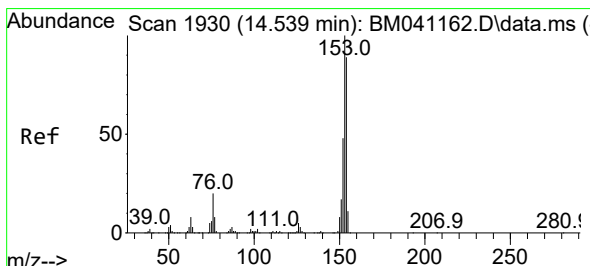
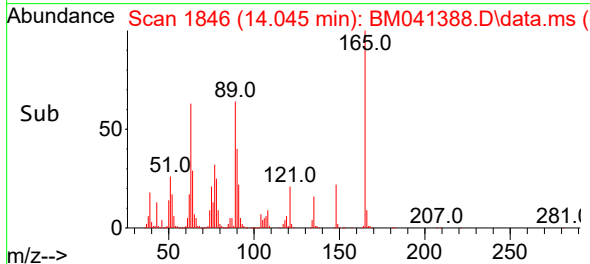
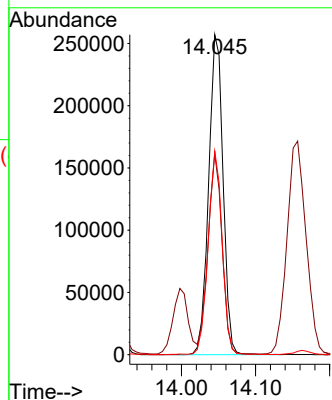
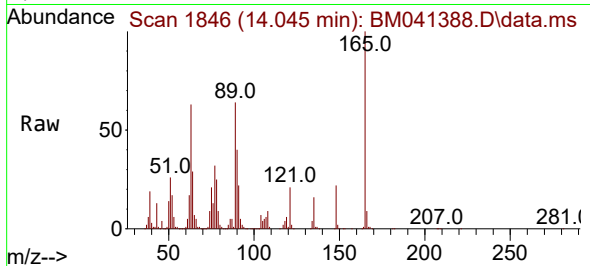




#51
2,6-Dinitrotoluene
Concen: 53.883 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

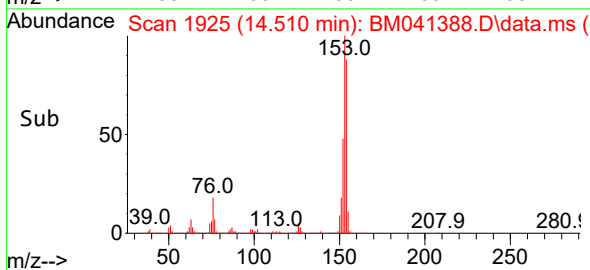
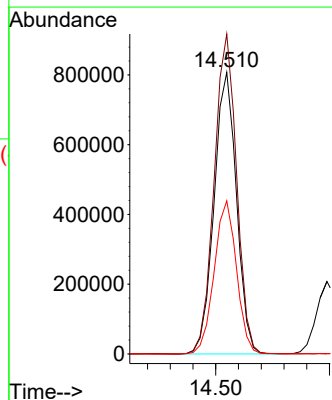
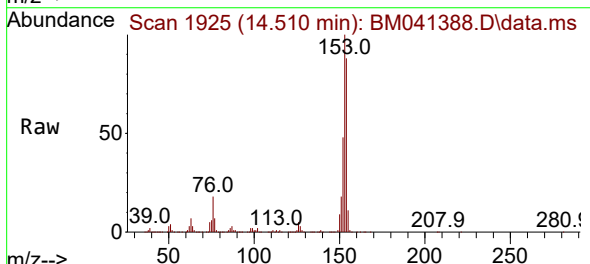
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

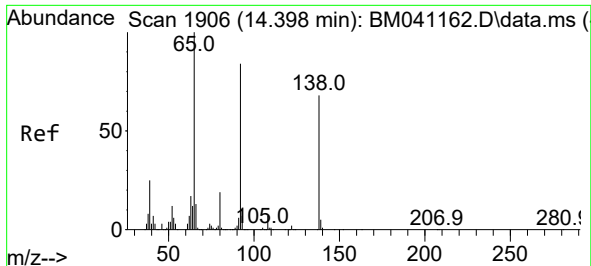
Tgt Ion:165 Resp: 346676
Ion Ratio Lower Upper
165 100
63 62.8 50.9 76.3
89 63.6 50.6 76.0



#52
Acenaphthene
Concen: 45.609 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:154 Resp: 1108166
Ion Ratio Lower Upper
154 100
153 113.6 90.2 135.4
152 54.4 43.4 65.0

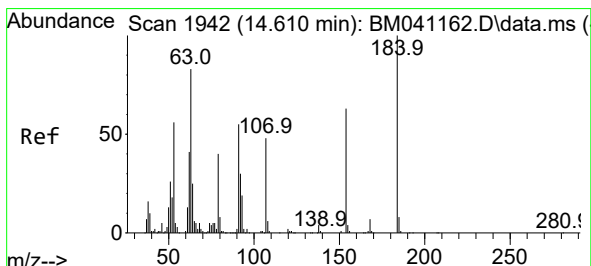
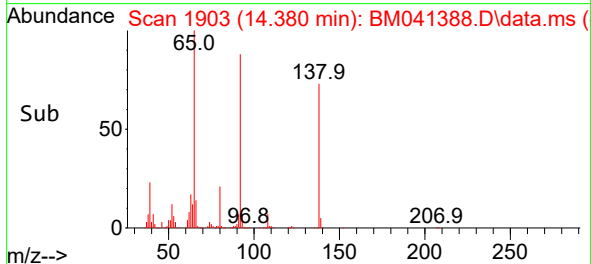
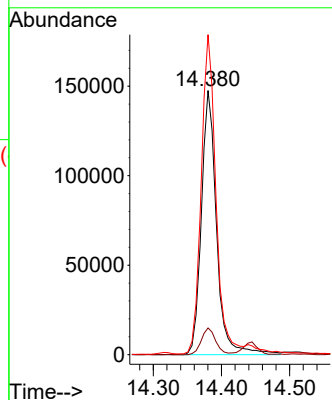
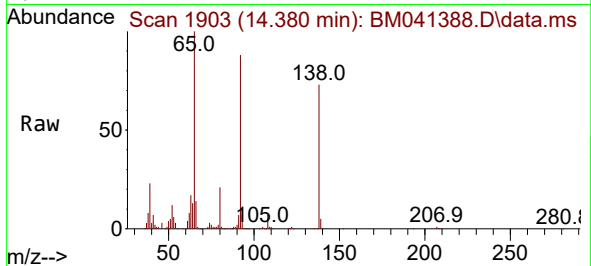




#53
3-Nitroaniline
Concen: 31.623 ng
RT: 14.380 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

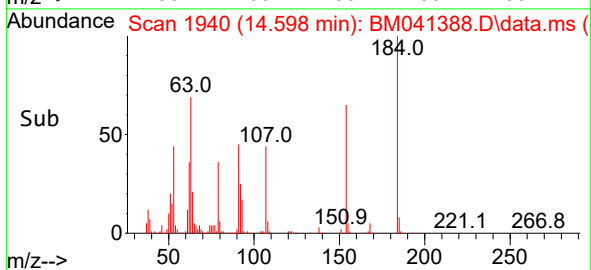
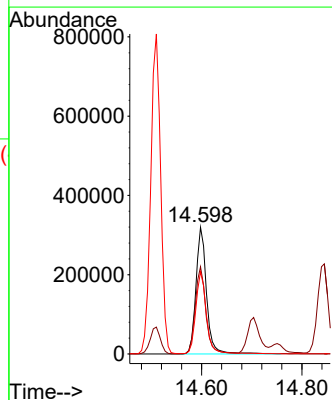
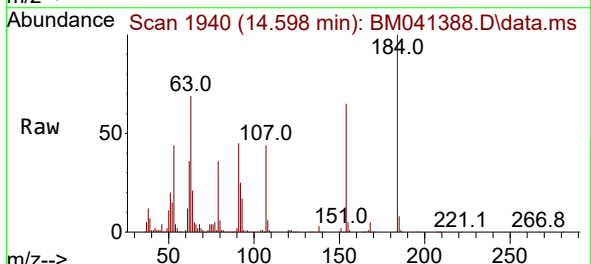
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

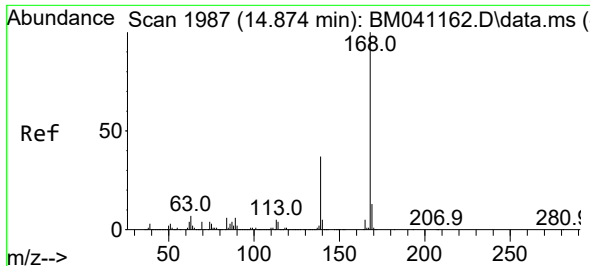
Tgt Ion:138 Resp: 228519
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 121.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 105.843 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:184 Resp: 468701
Ion Ratio Lower Upper
184 100
63 68.9 66.5 99.7
154 65.0 52.8 79.2

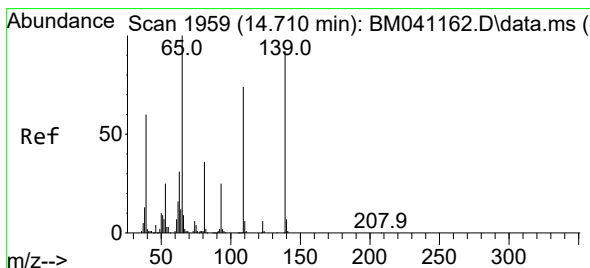
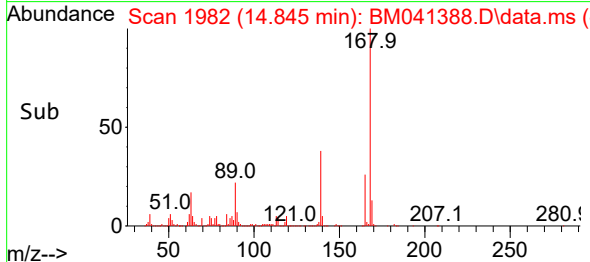
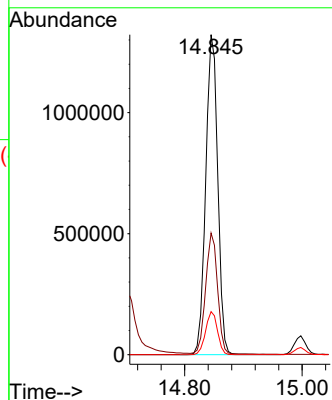
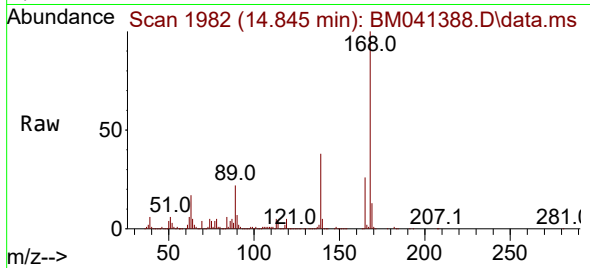




#55
Dibenzenofuran
Concen: 47.302 ng
RT: 14.845 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

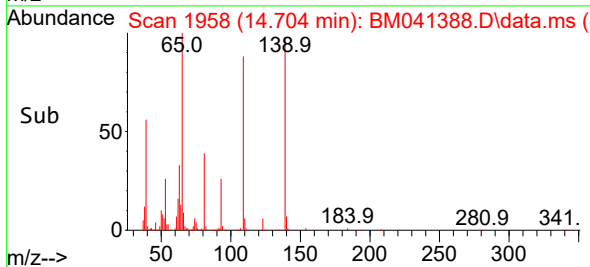
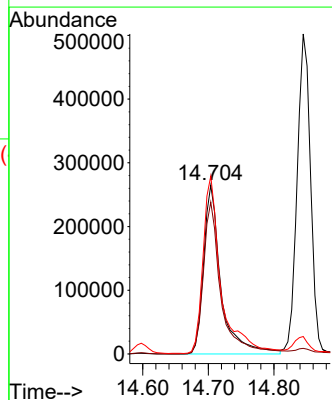
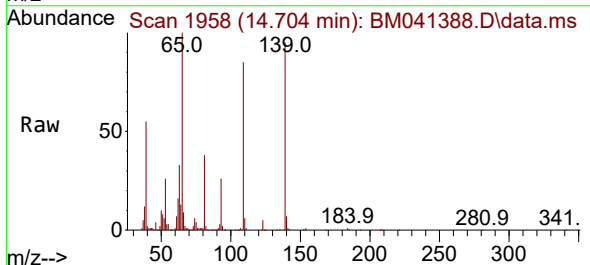
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

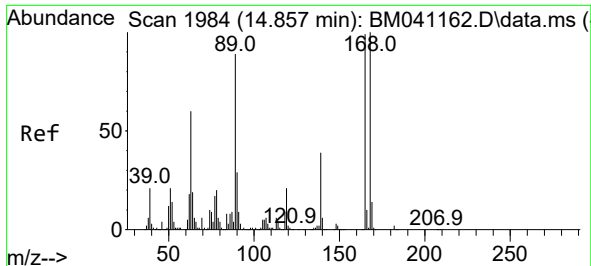
Tgt Ion:168 Resp: 1875117
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 91.703 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:139 Resp: 491725
Ion Ratio Lower Upper
139 100
109 90.0 61.2 101.2
65 105.5 89.5 129.5

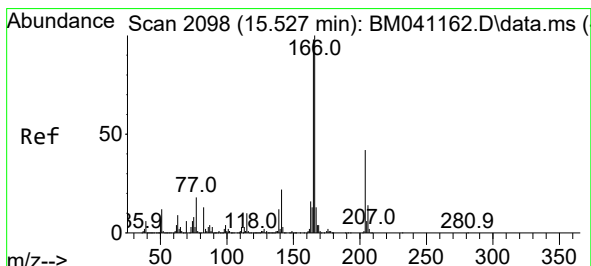
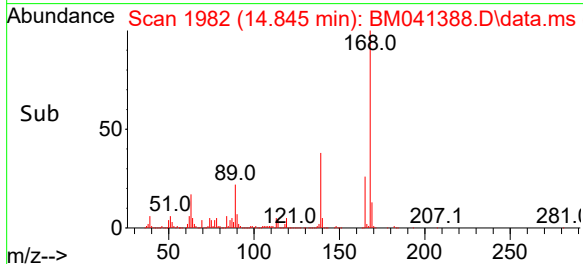
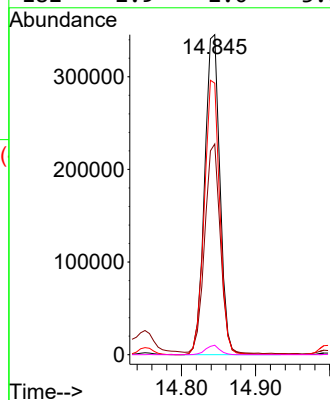
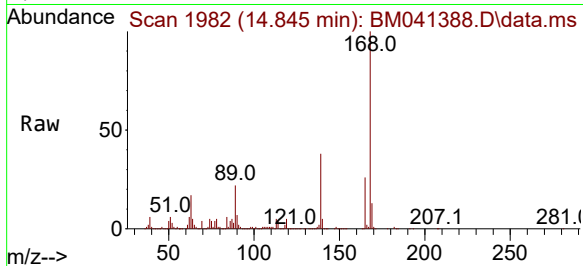




#57
2,4-Dinitrotoluene
Concen: 53.680 ng
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

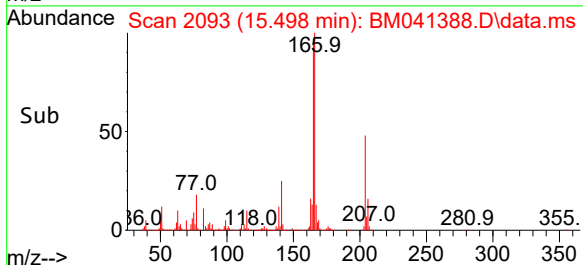
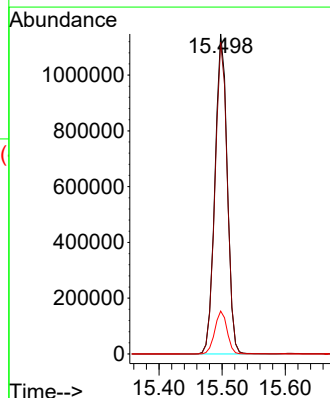
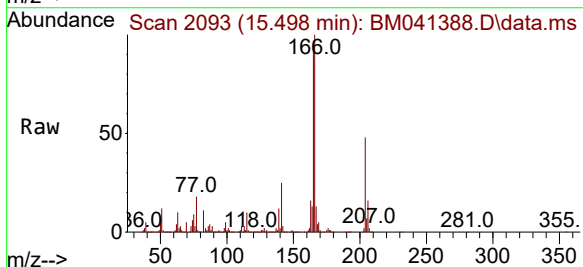
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

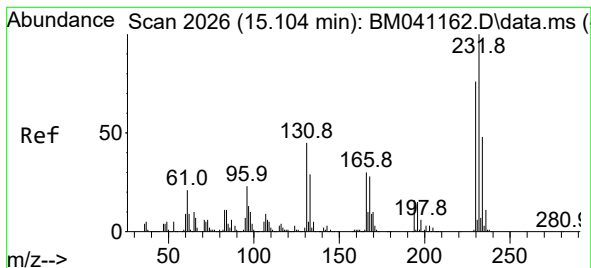
Tgt Ion:165 Resp: 496281
Ion Ratio Lower Upper
165 100
63 65.8 48.3 72.5
89 84.9 71.8 107.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 49.536 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:166 Resp: 1549136
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.4 10.6 16.0

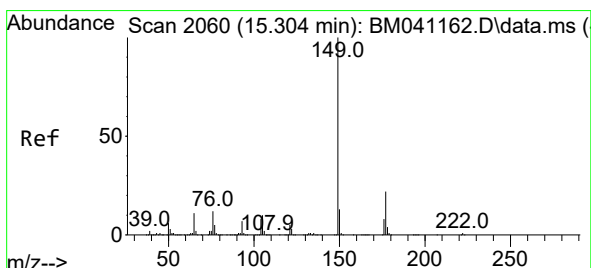
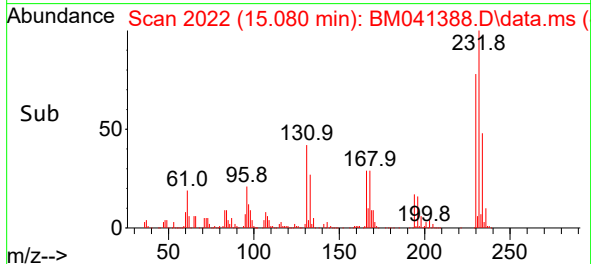
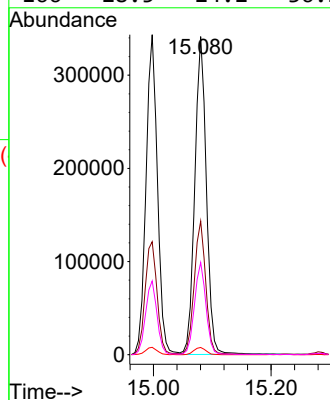
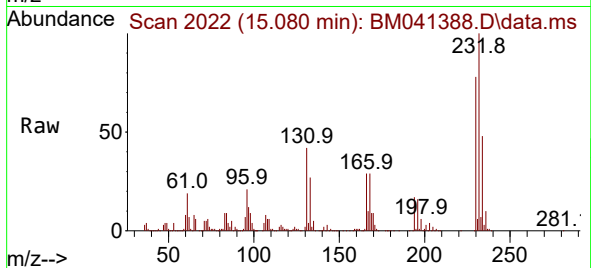




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.914 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

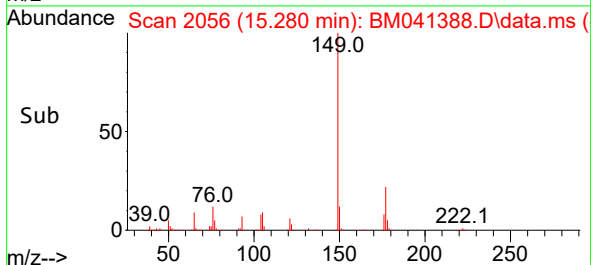
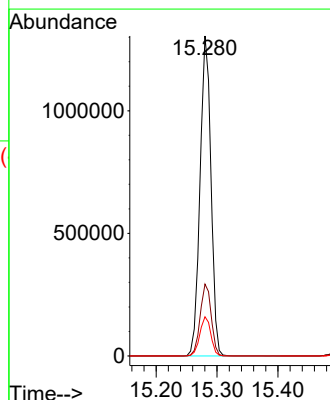
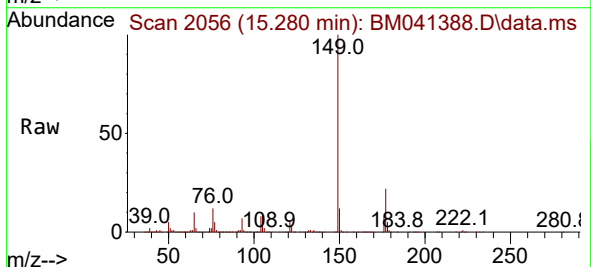
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

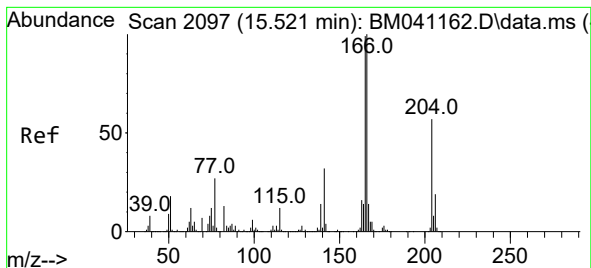
Tgt Ion:232 Resp: 466330
Ion Ratio Lower Upper
232 100
131 41.7 36.9 55.3
130 2.4 2.0 3.0
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 53.983 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:149 Resp: 1621034
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.2 10.1 15.1

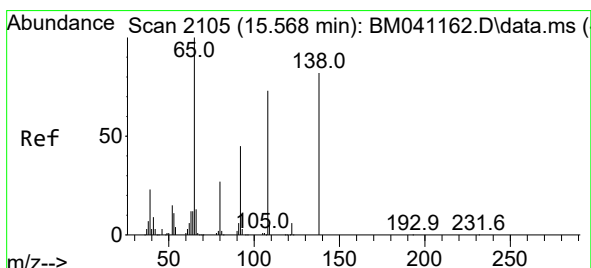
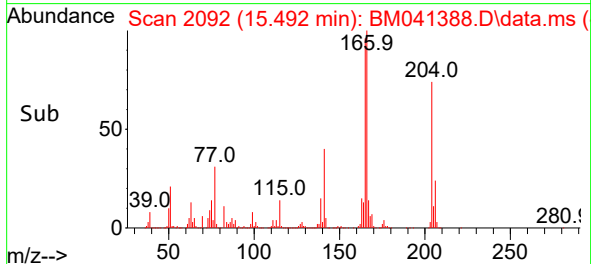
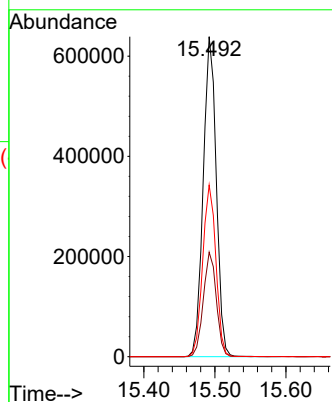
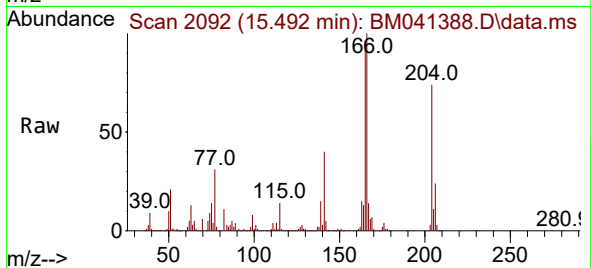




#61
4-Chlorophenyl-phenylether
Concen: 52.306 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

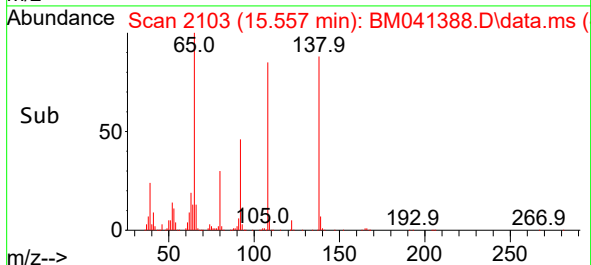
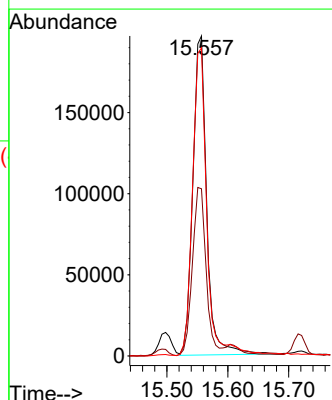
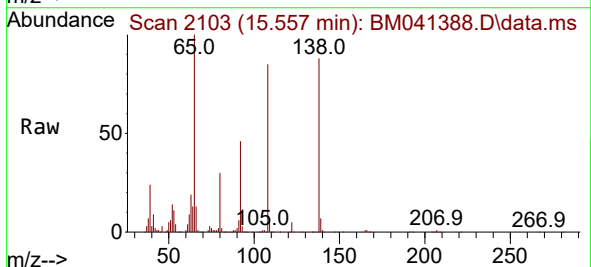
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

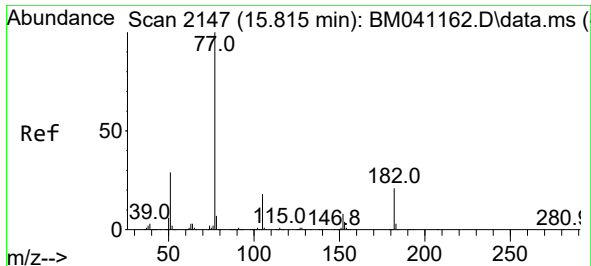
Tgt Ion:204 Resp: 819700
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 53.7 44.8 67.2



#62
4-Nitroaniline
Concen: 45.469 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:138 Resp: 310371
Ion Ratio Lower Upper
138 100
92 52.2 35.1 75.1
108 96.3 67.8 107.8

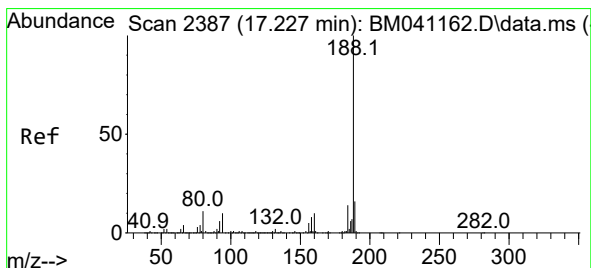
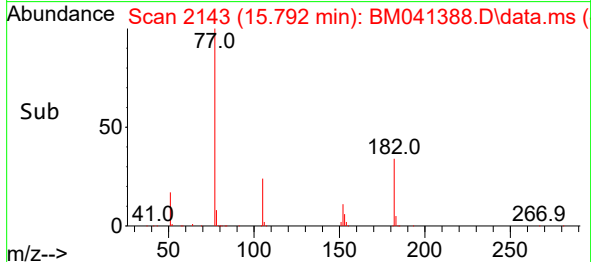
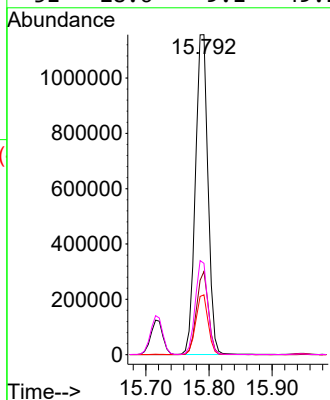
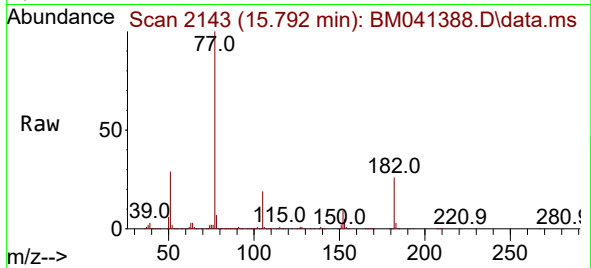




#63
Azobenzene
Concen: 48.423 ng
RT: 15.792 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

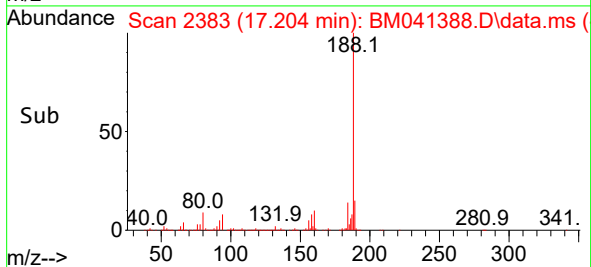
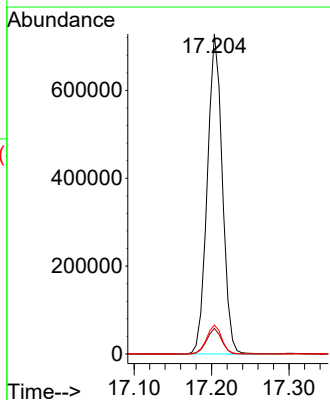
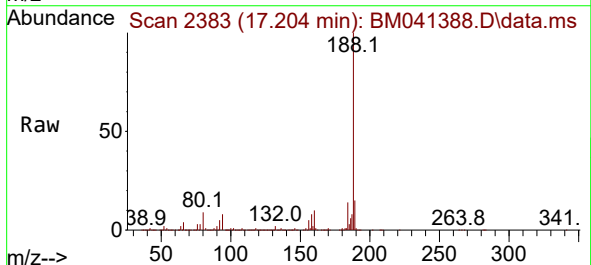
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

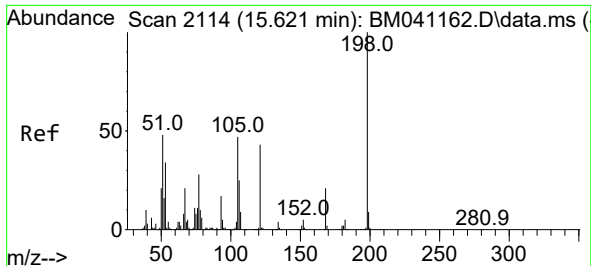
Tgt Ion: 77 Resp: 1592759
Ion Ratio Lower Upper
77 100
182 26.0 1.3 41.3
105 18.7 0.0 38.5
51 28.6 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion: 188 Resp: 980794
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.1 8.6 13.0

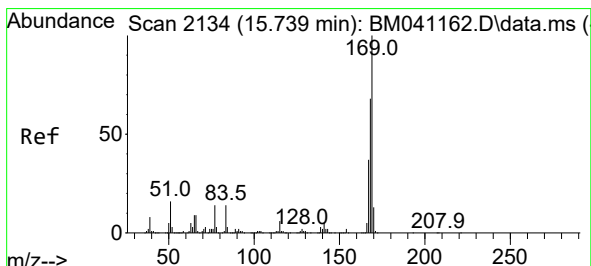
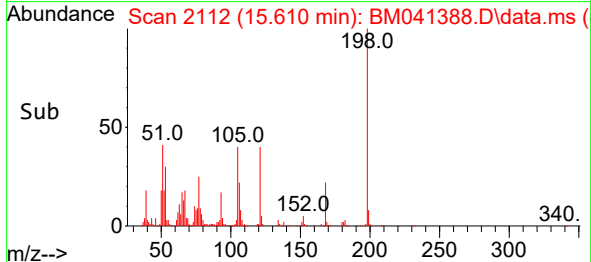
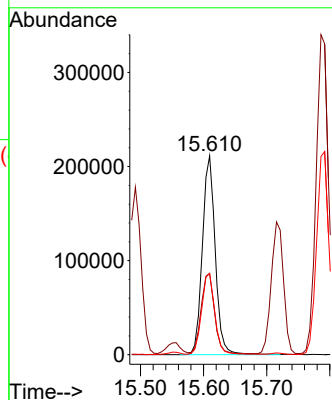
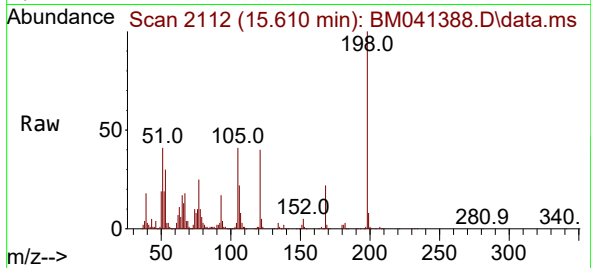




#65
4,6-Dinitro-2-methylphenol
Concen: 50.401 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

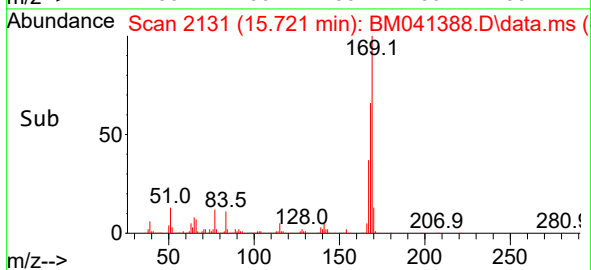
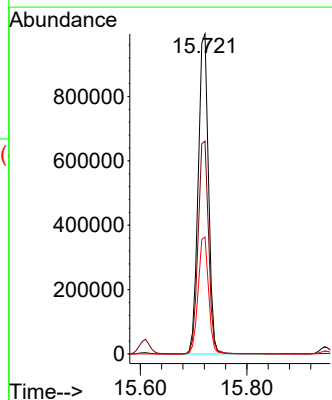
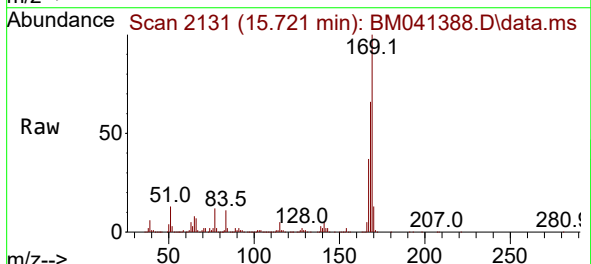
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

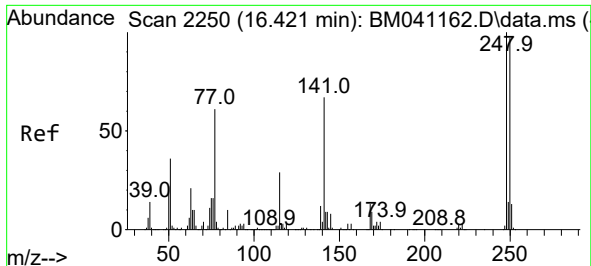
Tgt Ion:198 Resp: 299460
Ion Ratio Lower Upper
198 100
51 41.0 31.7 71.7
105 40.7 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 43.856 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:169 Resp: 1337757
Ion Ratio Lower Upper
169 100
168 66.5 54.6 81.8
167 36.6 29.9 44.9

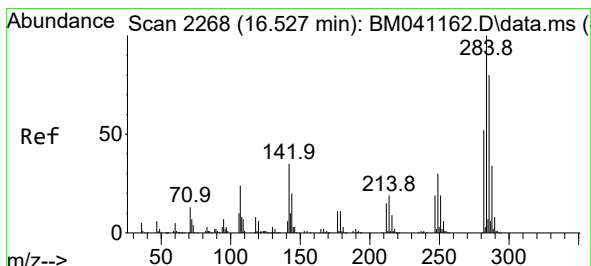
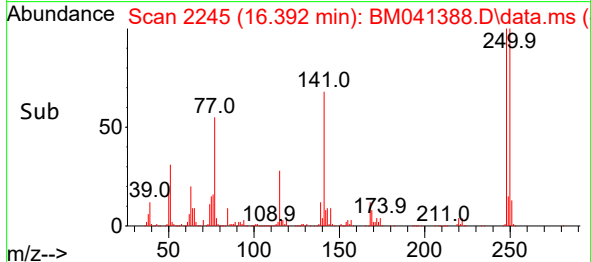
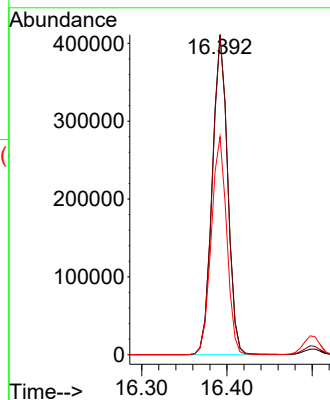
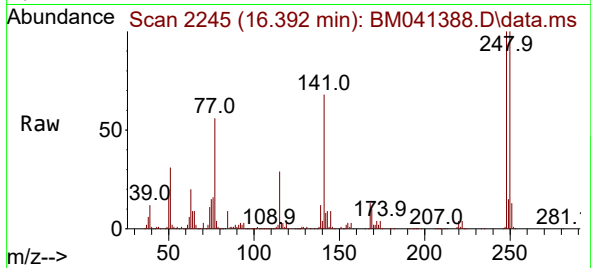




#67
4-Bromophenyl-phenylether
Concen: 48.047 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

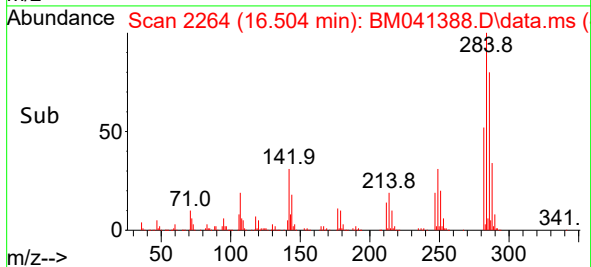
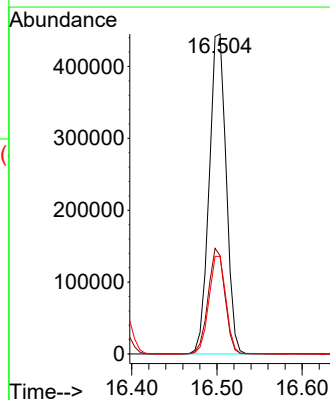
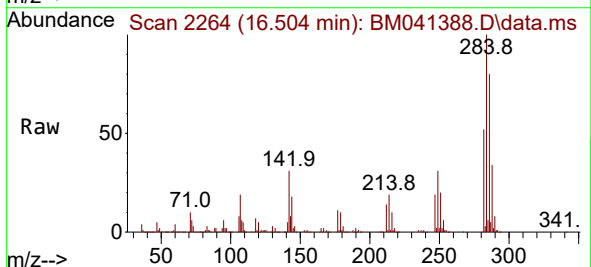
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

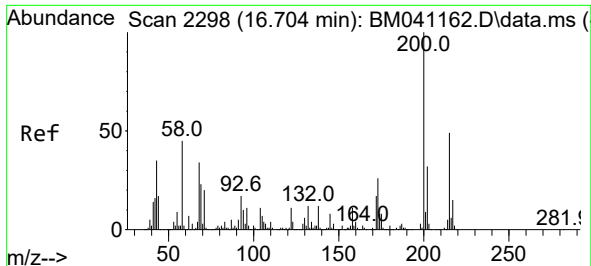
Tgt Ion:248 Resp: 516684
Ion Ratio Lower Upper
248 100
250 100.0 78.0 117.0
141 68.1 53.8 80.8



#68
Hexachlorobenzene
Concen: 51.558 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:284 Resp: 616508
Ion Ratio Lower Upper
284 100
142 30.7 28.0 42.0
249 30.5 23.7 35.5

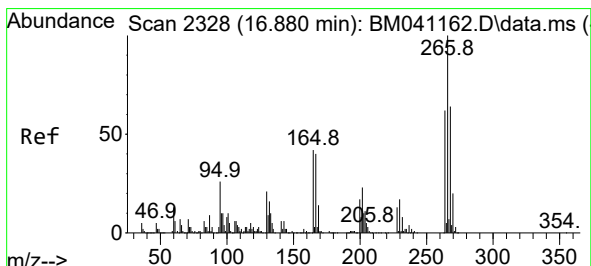
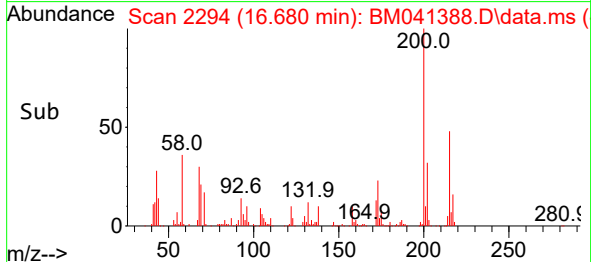
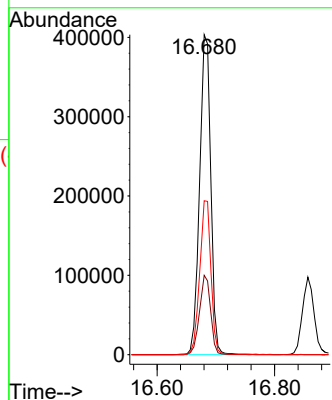
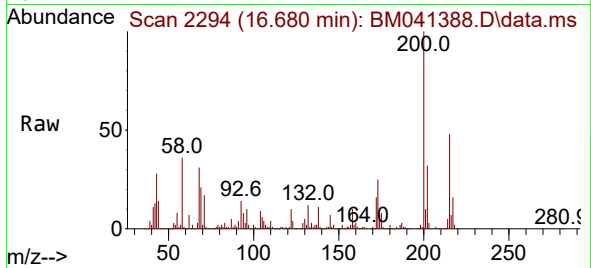




#69
 Atrazine
 Concen: 66.481 ng
 RT: 16.680 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

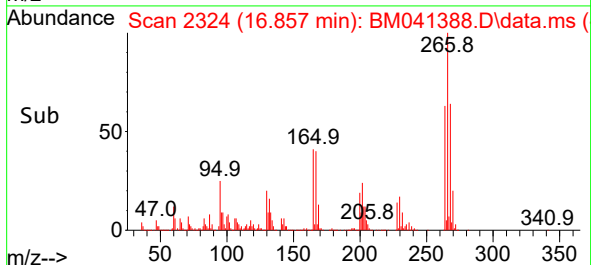
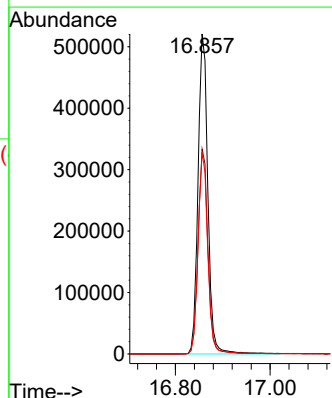
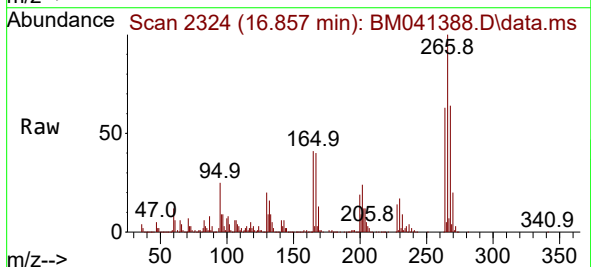
Instrument :
 BNA_M
 ClientSampleId :
 WC-15MSD

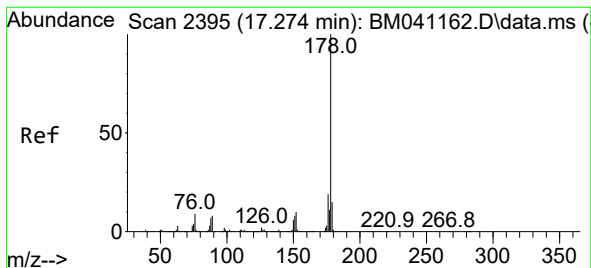
Tgt Ion:200 Resp: 532552
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.6 45.6
 215 48.1 28.5 68.5



#70
 Pentachlorophenol
 Concen: 90.359 ng
 RT: 16.857 min Scan# 2324
 Delta R.T. -0.006 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

Tgt Ion:266 Resp: 748186
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 45.886 ng

RT: 17.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

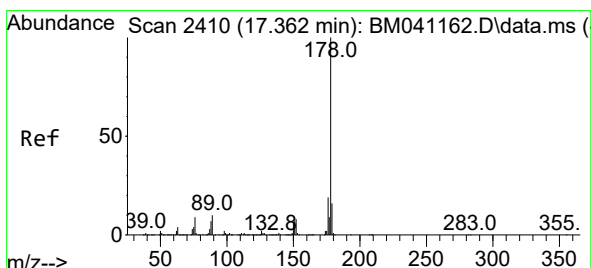
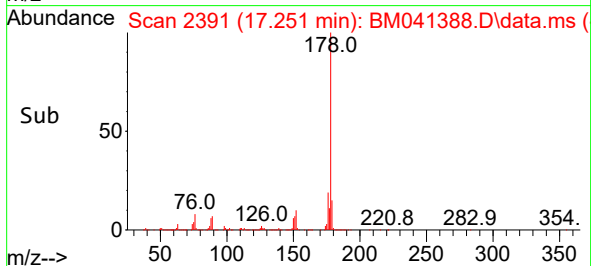
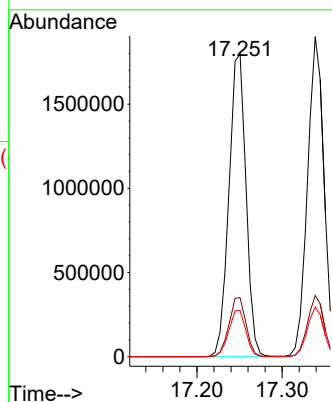
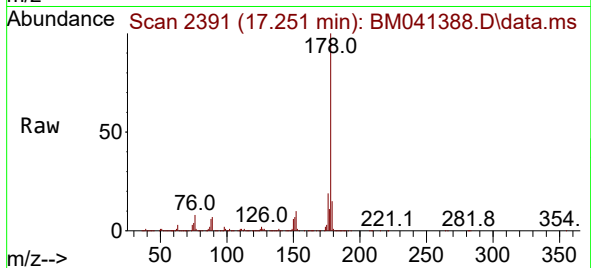
Tgt Ion:178 Resp: 2500476

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.2 12.1 18.1



#72

Anthracene

Concen: 47.568 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

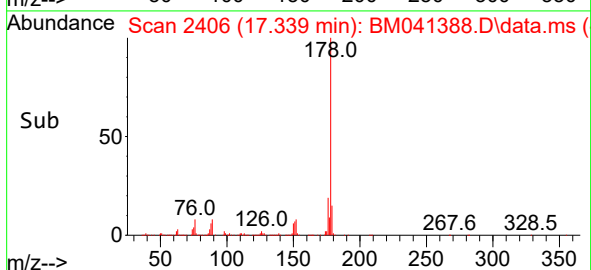
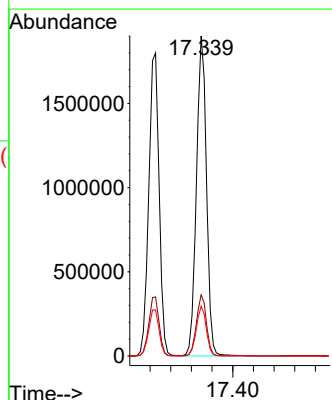
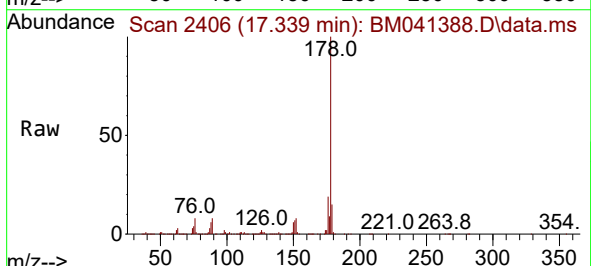
Tgt Ion:178 Resp: 2563704

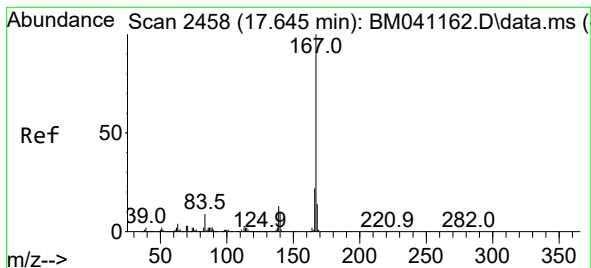
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 48.441 ng

RT: 17.621 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

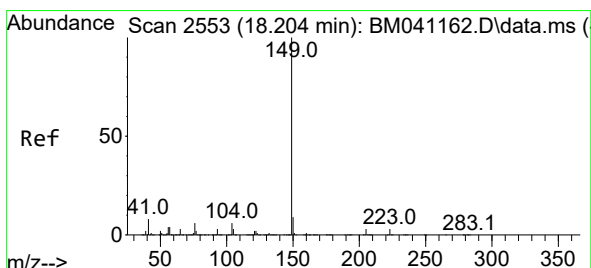
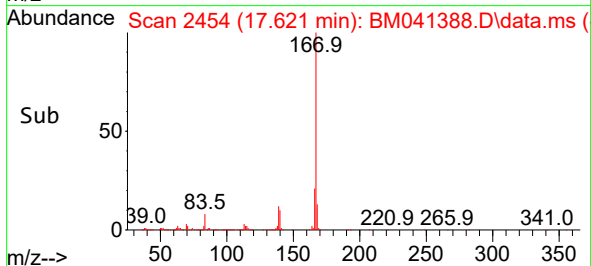
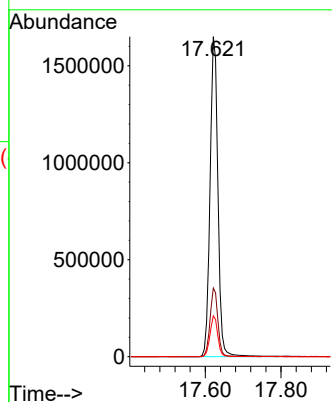
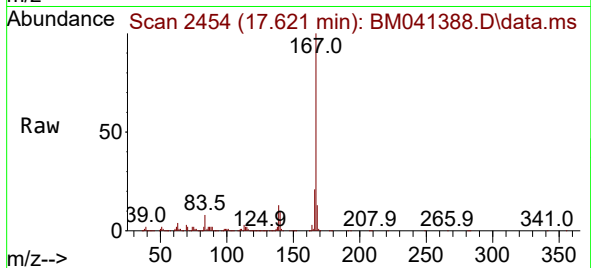
Tgt Ion:167 Resp: 2362952

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 54.250 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

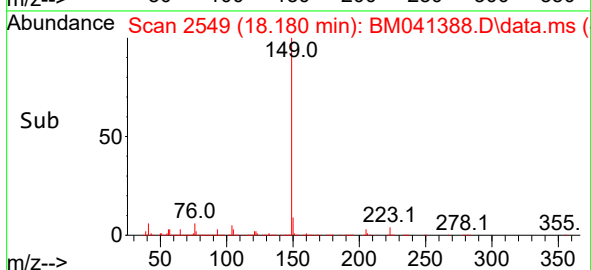
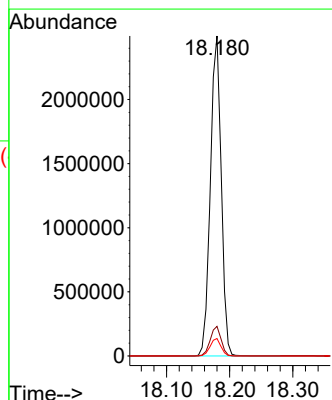
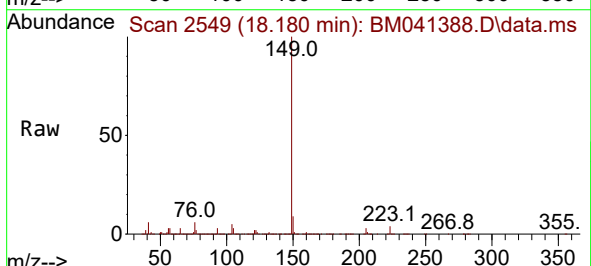
Tgt Ion:149 Resp: 2990414

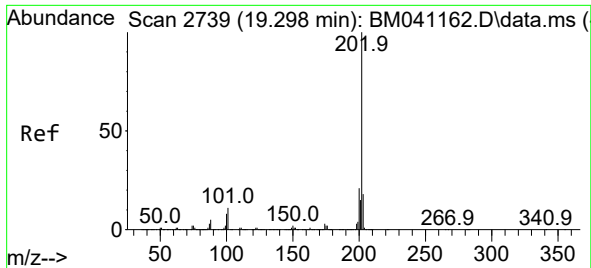
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 4.5 6.7

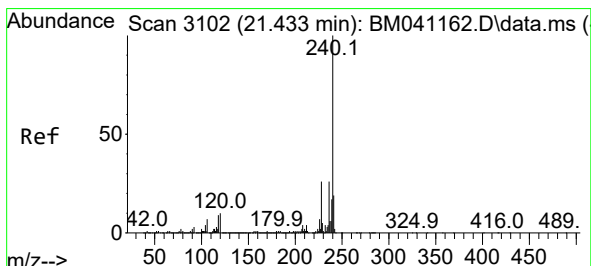
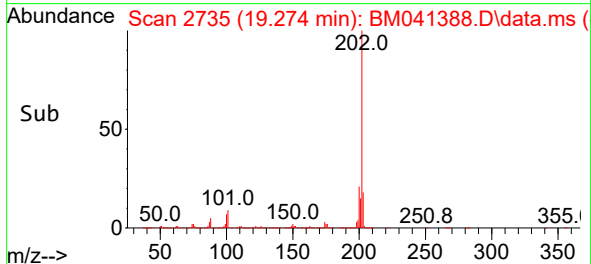
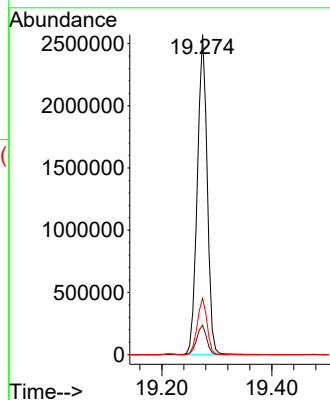
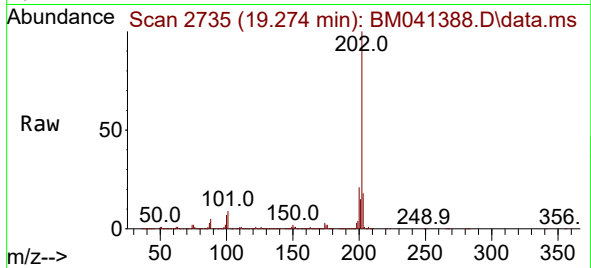




#75
Fluoranthene
Concen: 52.264 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

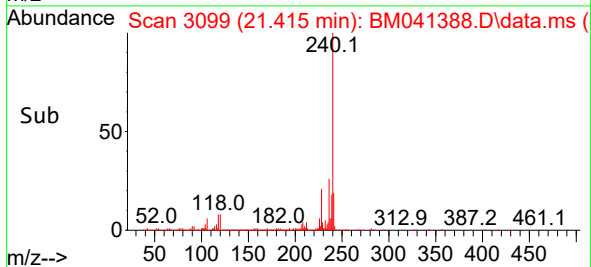
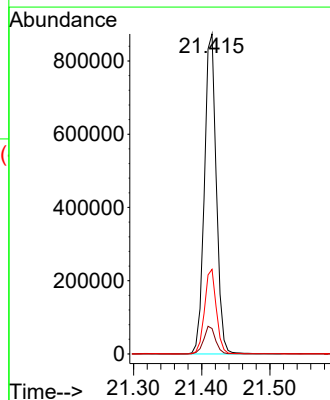
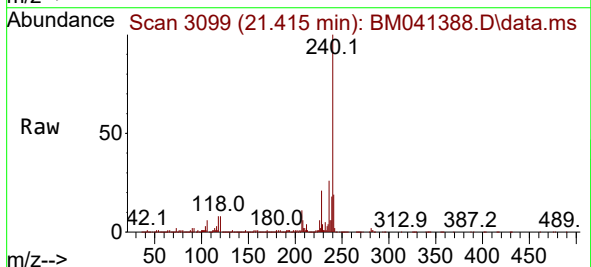
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

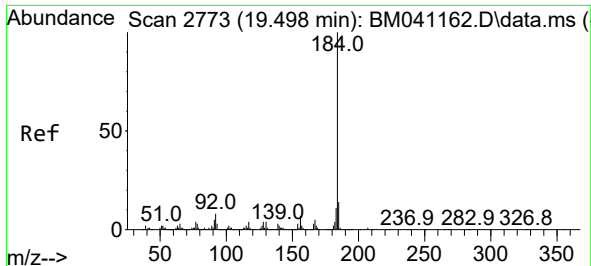
Tgt Ion:202 Resp: 3199744
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:240 Resp: 1060167
Ion Ratio Lower Upper
240 100
120 8.0 8.3 12.5#
236 26.4 20.6 30.8

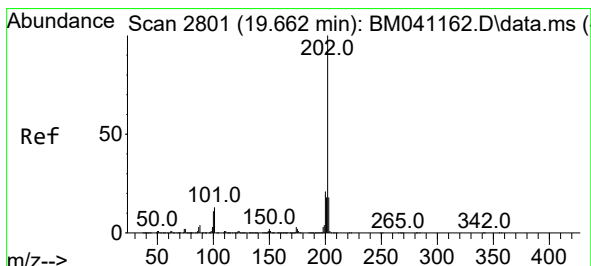
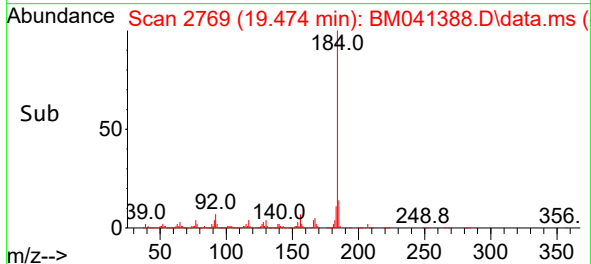
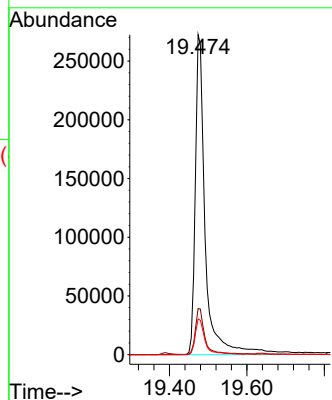
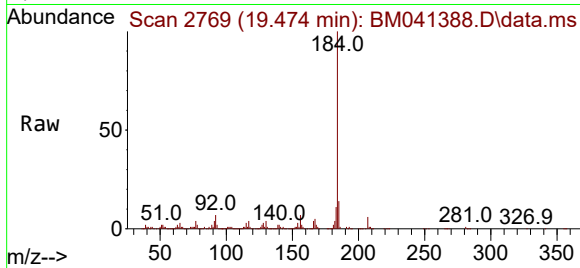




#77
Benzidine
Concen: 33.801 ng
RT: 19.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

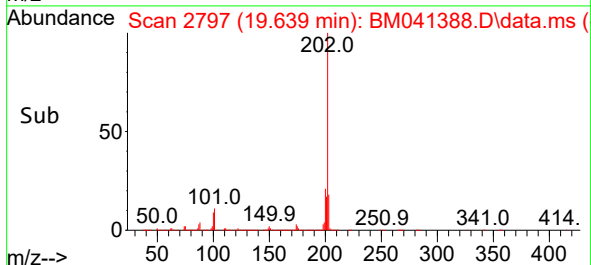
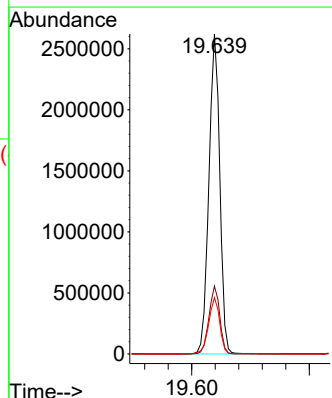
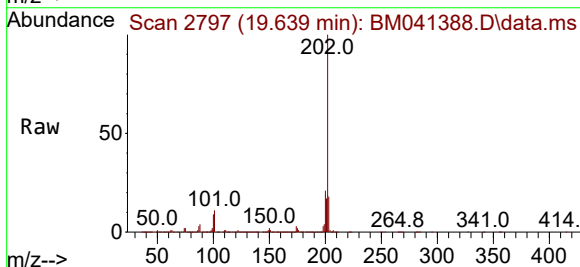
Instrument :
BNA_M
ClientSampleId :
WC-15MSD

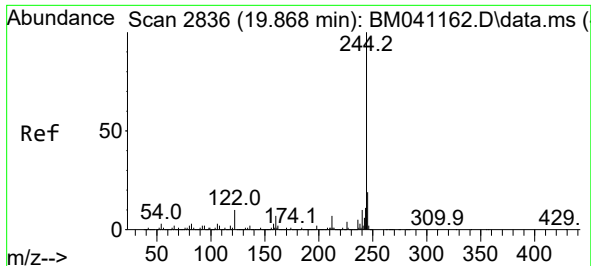
Tgt Ion:184 Resp: 488428
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.2 9.2 13.8



#78
Pyrene
Concen: 45.197 ng
RT: 19.639 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BM041388.D
Acq: 11 Aug 2023 15:37

Tgt Ion:202 Resp: 3350864
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1

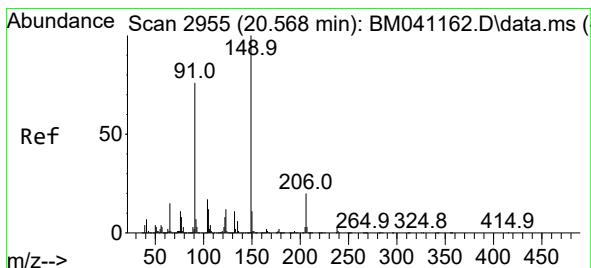
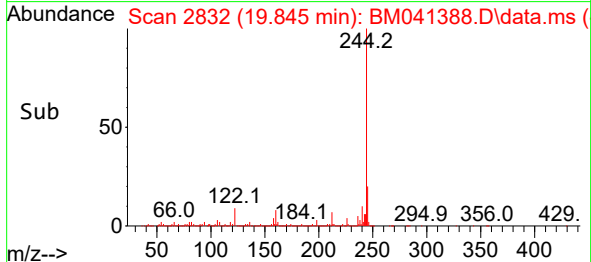
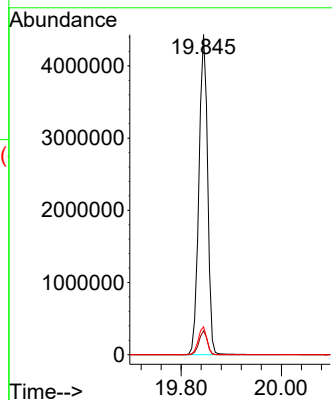
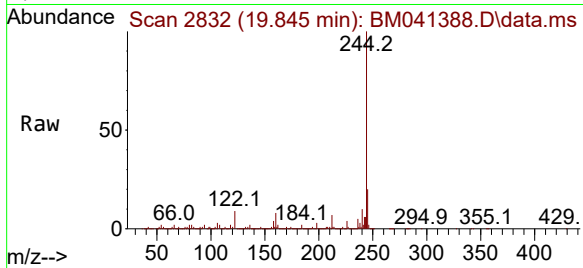




#79
 Terphenyl-d14
 Concen: 90.596 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

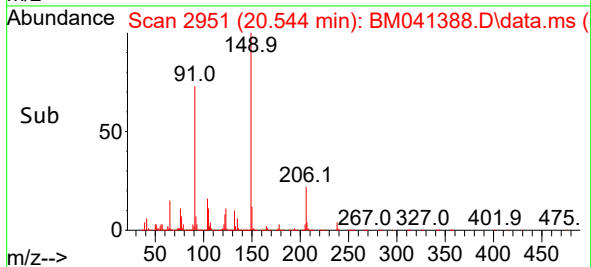
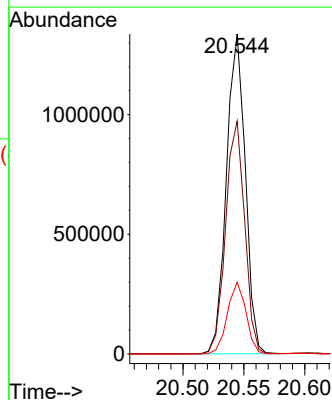
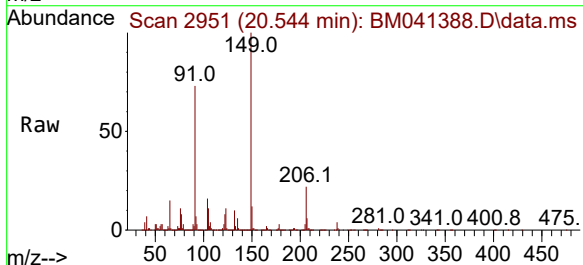
Instrument :
 BNA_M
 ClientSampleId :
 WC-15MSD

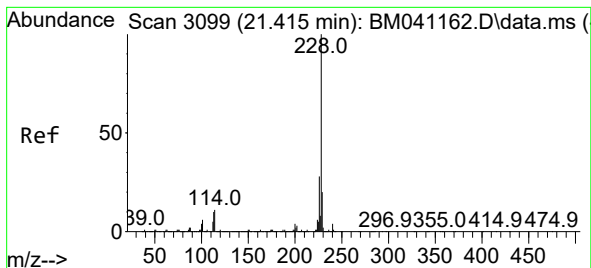
Tgt Ion:244 Resp: 5312193
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.7 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 53.246 ng
 RT: 20.544 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM041388.D
 Acq: 11 Aug 2023 15:37

Tgt Ion:149 Resp: 1441601
 Ion Ratio Lower Upper
 149 100
 91 72.8 60.8 91.2
 206 22.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.999 ng

RT: 21.397 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

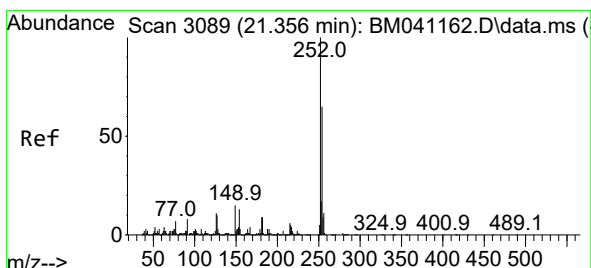
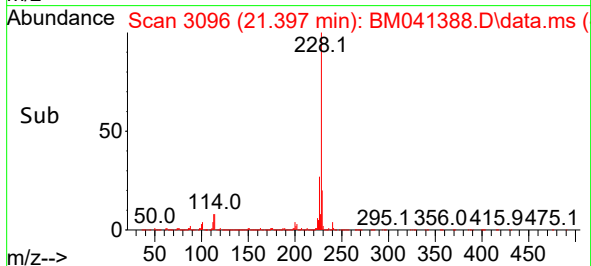
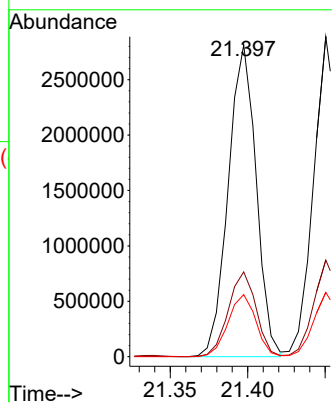
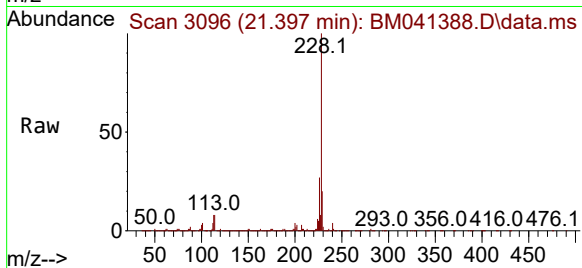
Tgt Ion:228 Resp: 3521624

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.648 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

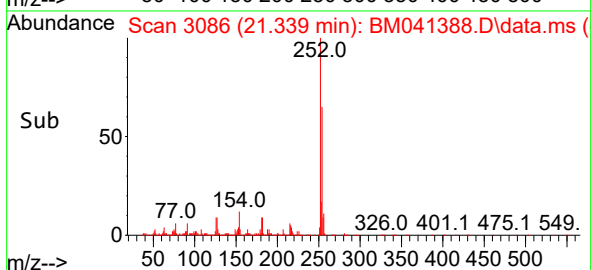
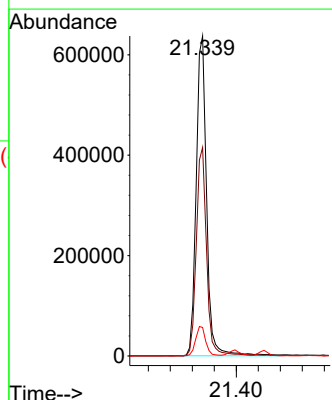
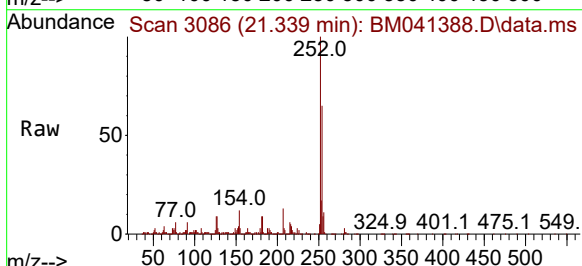
Tgt Ion:252 Resp: 836018

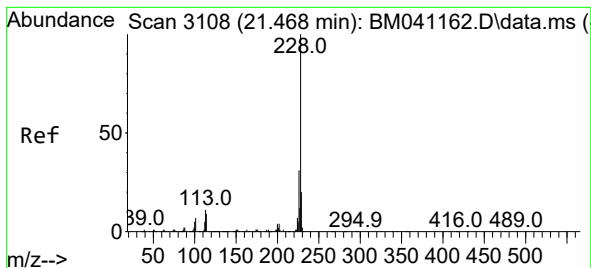
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 8.9 8.6 13.0





#83

Chrysene

Concen: 47.720 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

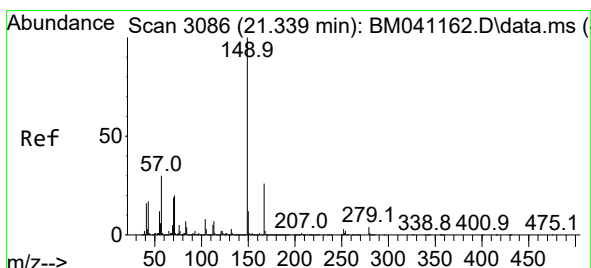
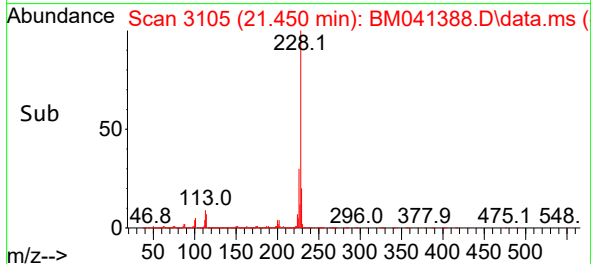
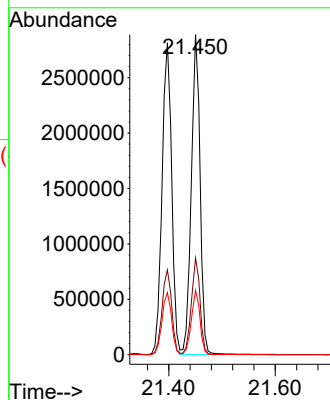
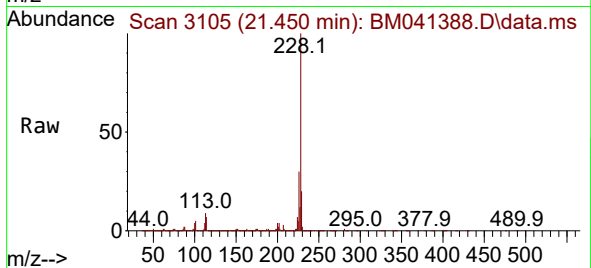
Tgt Ion:228 Resp: 3317312

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.671 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

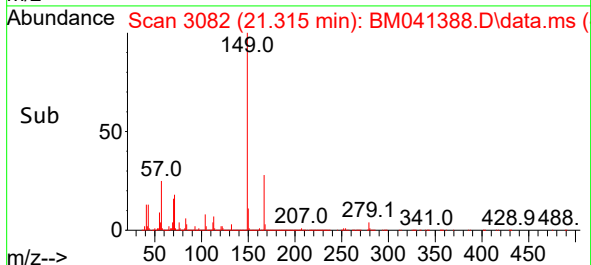
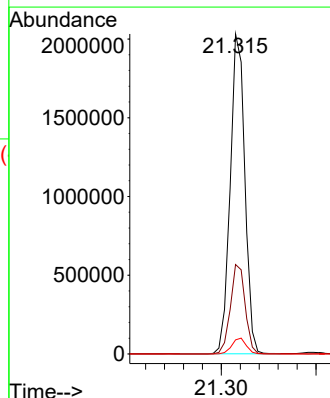
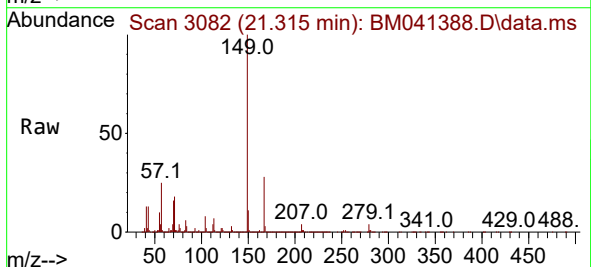
Tgt Ion:149 Resp: 2185016

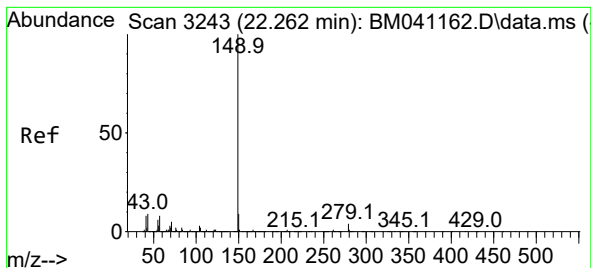
Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.6

279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.856 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

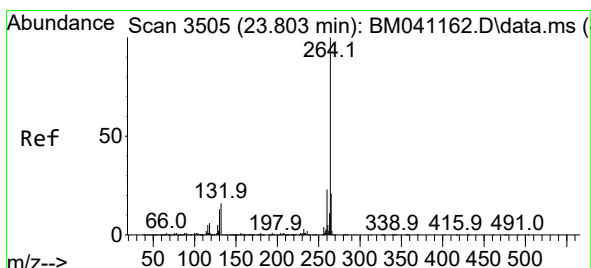
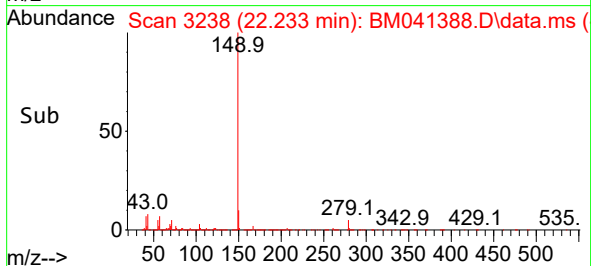
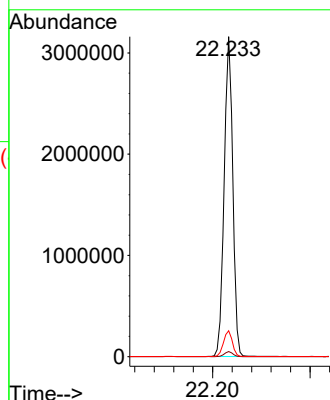
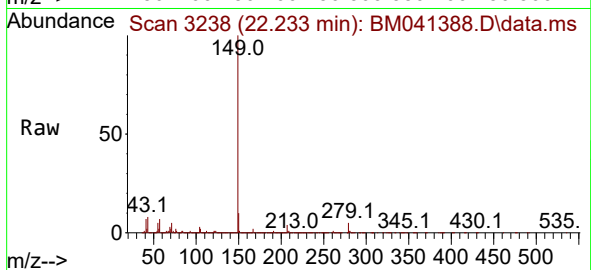
Tgt Ion:149 Resp: 3890400

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.2 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: BM041388.D

Acq: 11 Aug 2023 15:37

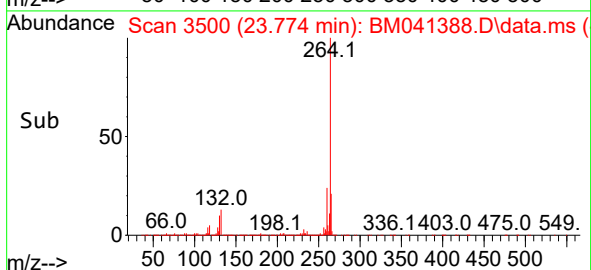
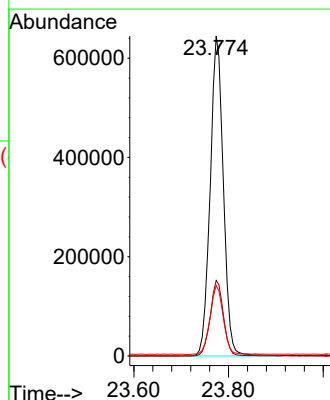
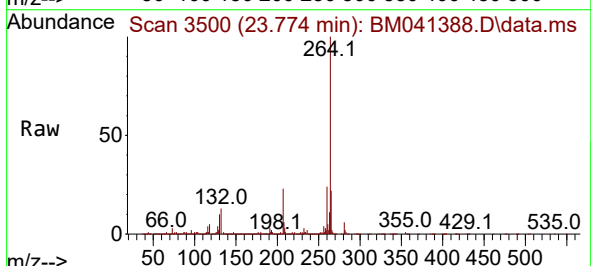
Tgt Ion:264 Resp: 1245239

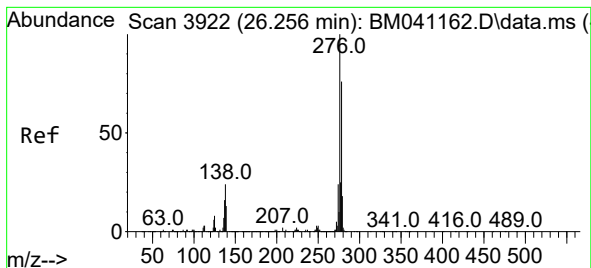
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.960 ng

RT: 26.226 min Scan# 3917

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

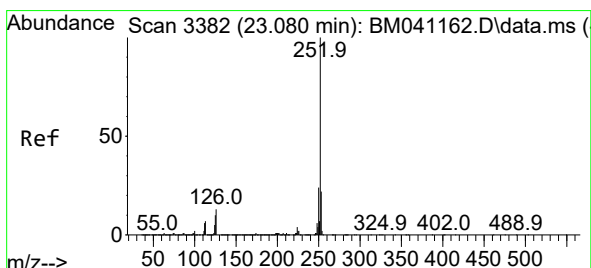
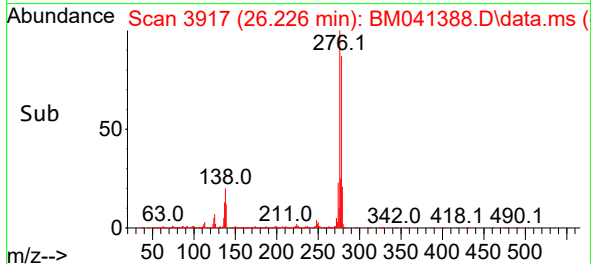
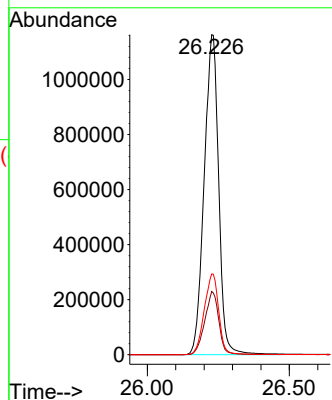
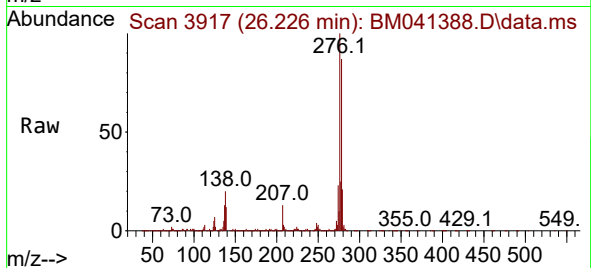
Tgt Ion:276 Resp: 4116169

Ion Ratio Lower Upper

276 100

138 19.1 20.0 30.0#

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.354 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

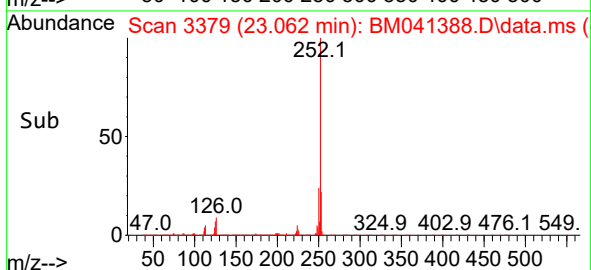
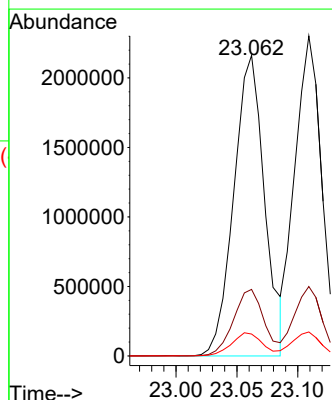
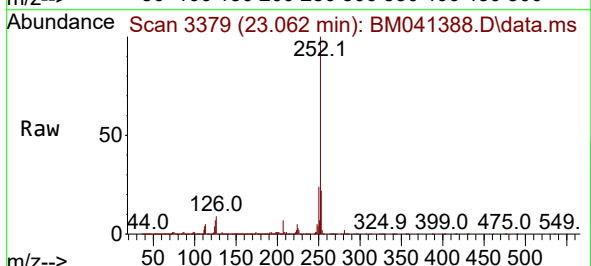
Tgt Ion:252 Resp: 3798938

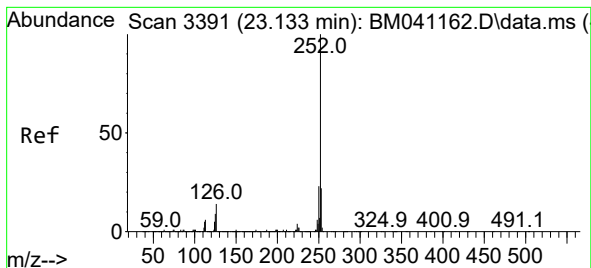
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.3 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 46.914 ng

RT: 23.109 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

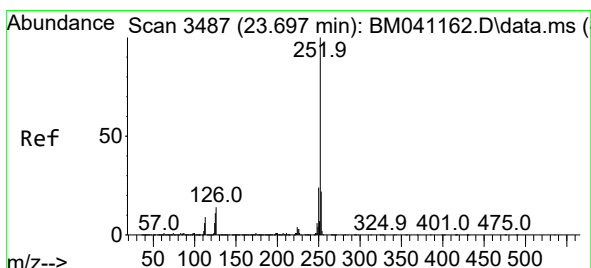
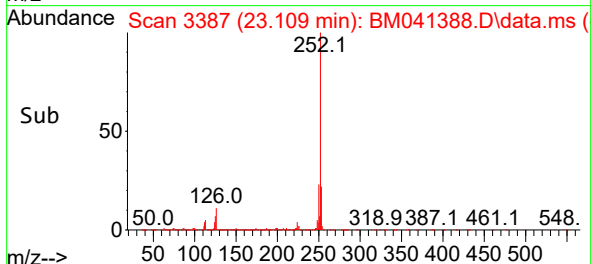
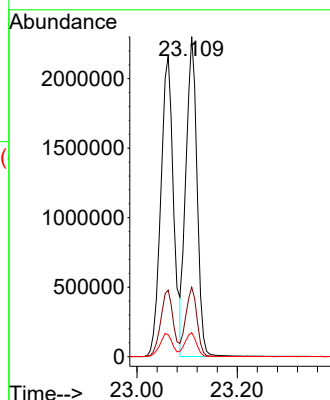
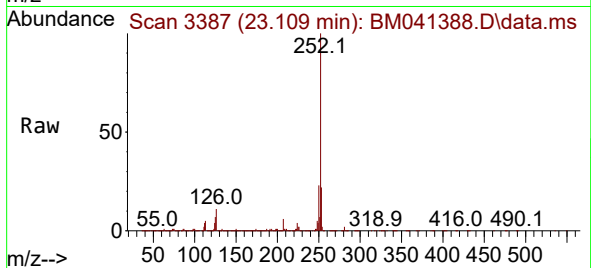
Tgt Ion:252 Resp: 3549993

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.5 7.6 11.4#



#90

Benzo(a)pyrene

Concen: 46.127 ng

RT: 23.674 min Scan# 3483

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

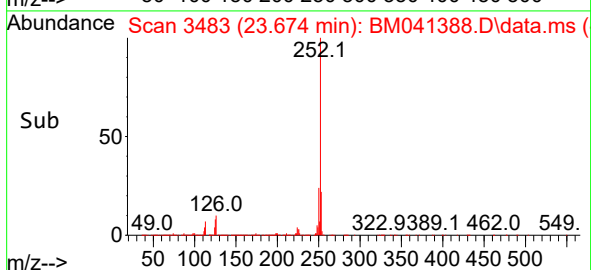
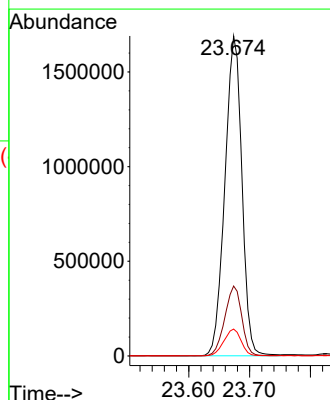
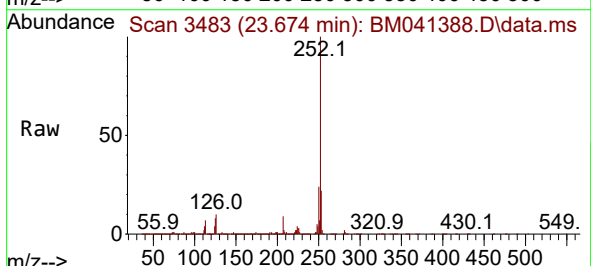
Tgt Ion:252 Resp: 3278704

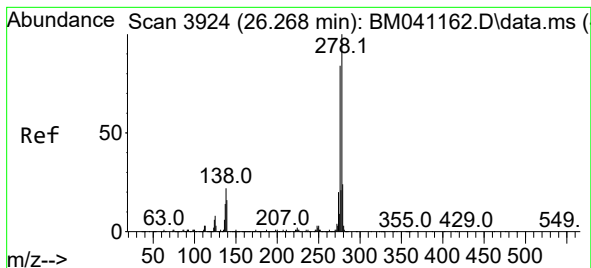
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.4 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 45.812 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Instrument :

BNA_M

ClientSampleId :

WC-15MSD

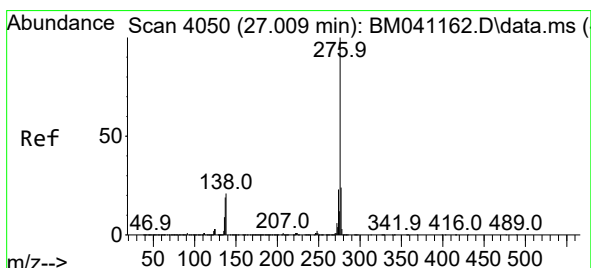
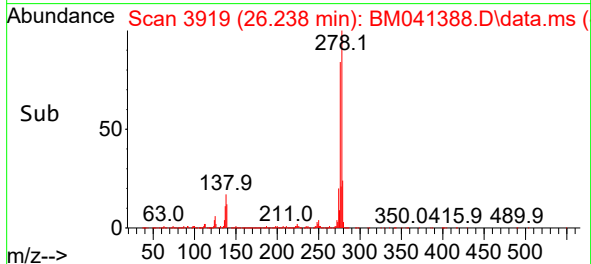
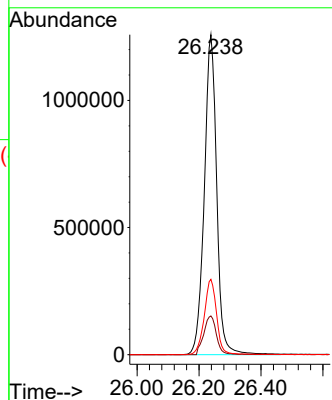
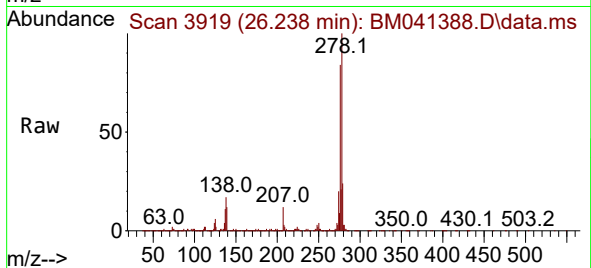
Tgt Ion:278 Resp: 3498269

Ion Ratio Lower Upper

278 100

139 12.1 12.7 19.1#

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 42.719 ng

RT: 26.979 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM041388.D

Acq: 11 Aug 2023 15:37

Tgt Ion:276 Resp: 3191914

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 16.1 17.1 25.7#

