

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041387.D
 Acq On : 11 Aug 2023 15:00
 Operator : MA/JU
 Sample : 03954-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-15MS

Quant Time: Aug 11 15:36:44 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	125779	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	552077	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	382212	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	926864	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1022018	20.000	ng	0.00
86) Perylene-d12	23.774	264	1235094	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1101498	130.887	ng	0.00
7) Phenol-d6	6.963	99	1359351	124.612	ng	0.00
23) Nitrobenzene-d5	8.957	82	1033767	87.080	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	883152	163.359	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2513540	83.075	ng	0.00
79) Terphenyl-d14	19.845	244	5126363	90.691	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.257	88	127728	35.479	ng	# 46
3) Pyridine	3.669	79	301220	31.821	ng	97
4) n-Nitrosodimethylamine	3.575	42	191832	43.818	ng	99
6) Aniline	7.116	93	268194	21.008	ng	100
8) 2-Chlorophenol	7.345	128	425814	51.829	ng	99
9) Benzaldehyde	6.928	77	173369	30.119	ng	97
10) Phenol	6.992	94	495696	47.048	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	411356	48.233	ng	97
12) 1,3-Dichlorobenzene	7.663	146	429971	48.079	ng	100
13) 1,4-Dichlorobenzene	7.810	146	444157	49.412	ng	99
14) 1,2-Dichlorobenzene	8.128	146	434392	50.401	ng	99
15) Benzyl Alcohol	8.039	79	442613	64.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	490067	43.127	ng	93
17) 2-Methylphenol	8.239	107	373349	51.868	ng	97
18) Hexachloroethane	8.839	117	166685	49.810	ng	89
19) n-Nitroso-di-n-propyla...	8.598	70	372984	56.292	ng	96
20) 3+4-Methylphenols	8.575	107	508463	52.831	ng	96
22) Acetophenone	8.616	105	684486	46.814	ng	99
24) Nitrobenzene	8.998	77	541180	45.078	ng	98
25) Isophorone	9.522	82	1045917	51.901	ng	98
26) 2-Nitrophenol	9.704	139	246206	52.461	ng	96
27) 2,4-Dimethylphenol	9.769	122	401293	48.592	ng	95
28) bis(2-Chloroethoxy)met...	10.004	93	597757	47.354	ng	99
29) 2,4-Dichlorophenol	10.239	162	464807	55.811	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	465415	50.581	ng	99
31) Naphthalene	10.633	128	1342977	44.827	ng	99
32) Benzoic acid	9.957	122	296977	47.898	ng	98
33) 4-Chloroaniline	10.780	127	79292	6.623	ng	98
34) Hexachlorobutadiene	10.898	225	290529	52.499	ng	98
35) Caprolactam	11.598	113	96029	39.859	ng	# 84
36) 4-Chloro-3-methylphenol	11.904	107	510480	58.236	ng	97
37) 2-Methylnaphthalene	12.251	142	974341	48.240	ng	98
38) 1-Methylnaphthalene	12.474	142	947953	50.146	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	570560	45.973	ng	# 98
41) Hexachlorocyclopentadiene	12.586	237	592903	90.300	ng	97
43) 2,4,6-Trichlorophenol	12.874	196	416901	52.410	ng	98

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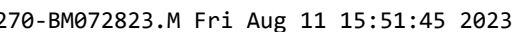
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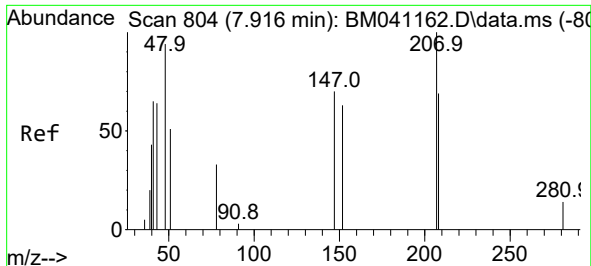
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	464288	50.428	ng	98
46) 1,1'-Biphenyl	13.274	154	1379779	44.530	ng	98
47) 2-Chloronaphthalene	13.316	162	1089803	47.104	ng	98
48) 2-Nitroaniline	13.545	65	358809	48.586	ng	99
49) Acenaphthylene	14.168	152	1799638	48.192	ng	99
50) Dimethylphthalate	13.915	163	1506846	52.411	ng	99
51) 2,6-Dinitrotoluene	14.045	165	324979	54.553	ng	98
52) Acenaphthene	14.510	154	1050840	46.711	ng	100
53) 3-Nitroaniline	14.380	138	212846	31.796	ng	94
54) 2,4-Dinitrophenol	14.598	184	440019	107.237	ng	92
55) Dibenzofuran	14.845	168	1772067	48.280	ng	100
56) 4-Nitrophenol	14.704	139	464382	93.535	ng	94
57) 2,4-Dinitrotoluene	14.839	165	470174	54.864	ng	96
58) Fluorene	15.498	166	1451207	50.118	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	436593	58.560	ng	96
60) Diethylphthalate	15.280	149	1518135	54.603	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	772188	53.218	ng	99
62) 4-Nitroaniline	15.557	138	295719	46.669	ng	94
63) Azobenzene	15.792	77	1510915	49.611	ng	97
65) 4,6-Dinitro-2-methylph...	15.609	198	284841	50.730	ng	87
66) n-Nitrosodiphenylamine	15.721	169	1270801	44.085	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	489813	48.199	ng	99
68) Hexachlorobenzene	16.504	284	579059	51.244	ng	95
69) Atrazine	16.680	200	503812	66.552	ng	99
70) Pentachlorophenol	16.856	266	710181	90.760	ng	99
71) Phenanthrene	17.251	178	2374219	46.104	ng	100
72) Anthracene	17.339	178	2435454	47.818	ng	100
73) Carbazole	17.621	167	2252787	48.869	ng	100
74) Di-n-butylphthalate	18.180	149	2864108	54.982	ng	100
75) Fluoranthene	19.274	202	3036944	52.492	ng	98
77) Benzidine	19.480	184	453903	32.585	ng	99
78) Pyrene	19.639	202	3213945	44.968	ng	99
80) Butylbenzylphthalate	20.544	149	1393273	53.382	ng	95
81) Benzo(a)anthracene	21.397	228	3438868	49.634	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	815073	36.052	ng	99
83) Chrysene	21.450	228	3179815	47.449	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2105022	50.639	ng	97
85) Di-n-octyl phthalate	22.233	149	3775164	57.231	ng	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	4169882	45.921	ng	# 94
88) Benzo(b)fluoranthene	23.062	252	3751164	51.125	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3460767	46.111	ng	# 98
90) Benzo(a)pyrene	23.674	252	3218541	45.653	ng	# 97
91) Dibenzo(a,h)anthracene	26.238	278	3532422	46.639	ng	# 96
92) Benzo(g,h,i)perylene	26.979	276	3254190	43.910	ng	# 95

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

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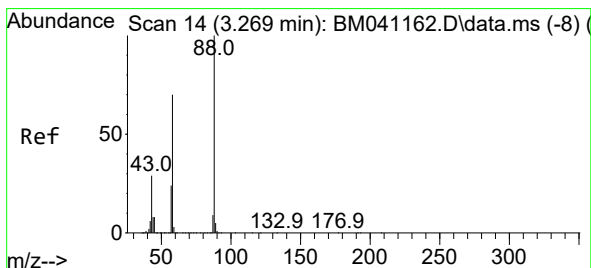
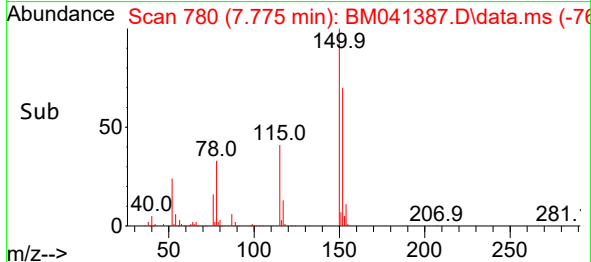
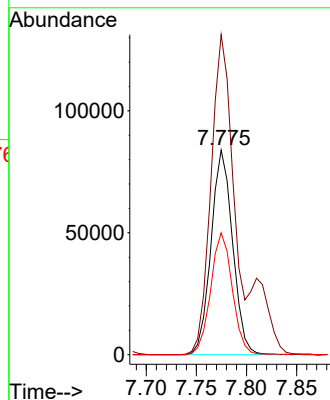
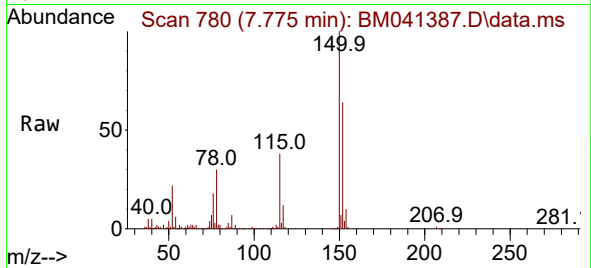




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

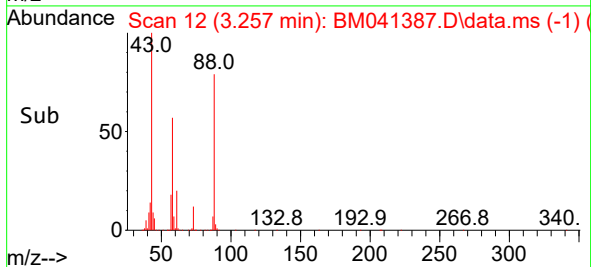
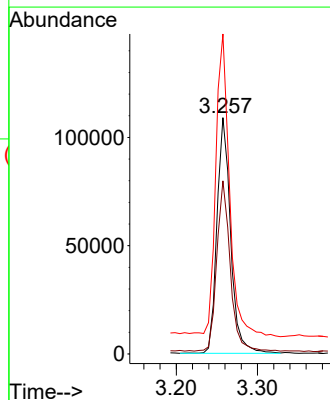
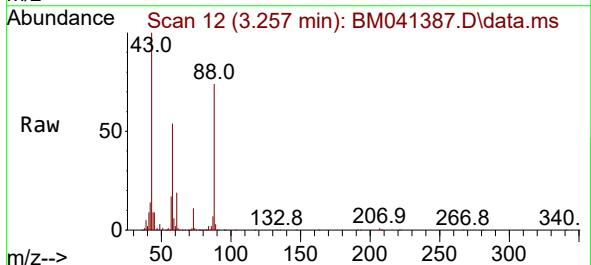
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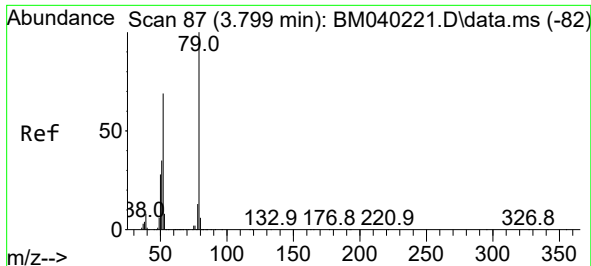
Tgt Ion:152 Resp: 125779
Ion Ratio Lower Upper
152 100
150 156.4 125.5 188.3
115 59.6 48.0 72.0



#2
1,4-Dioxane
Concen: 35.479 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 88 Resp: 127728
Ion Ratio Lower Upper
88 100
58 71.7 58.2 87.4
43 128.6 24.4 36.6#

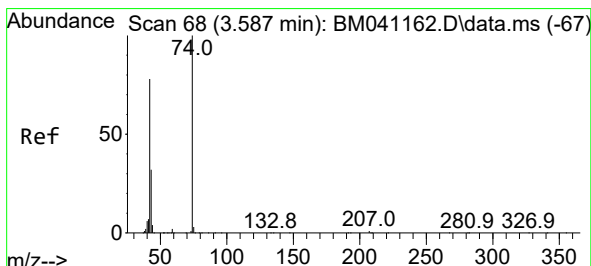
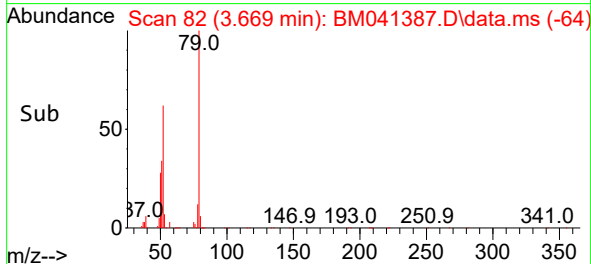
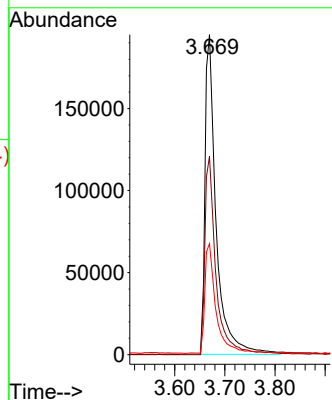
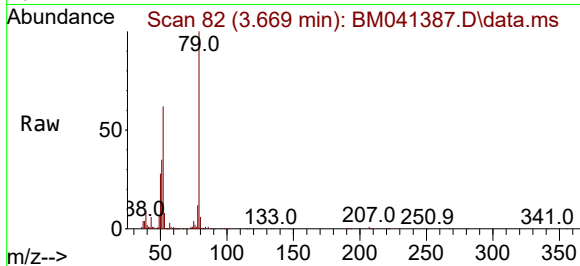




#3
 Pyridine
 Concen: 31.821 ng
 RT: 3.669 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

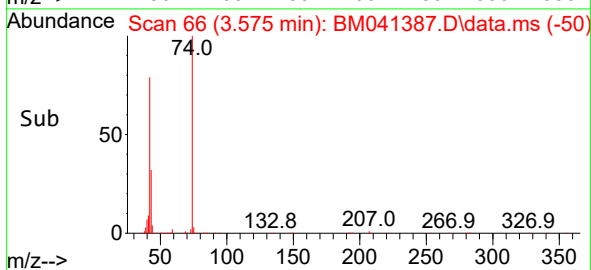
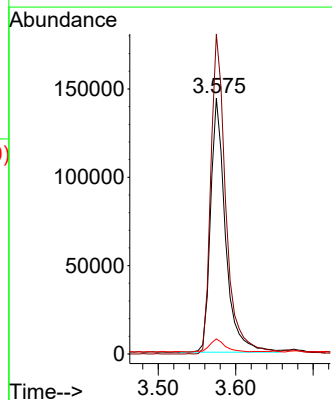
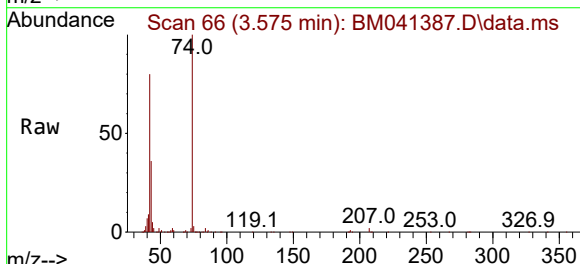
Instrument :
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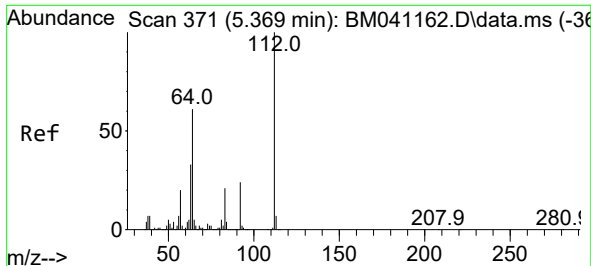
Tgt Ion: 79 Resp: 301220
 Ion Ratio Lower Upper
 79 100
 52 62.0 52.1 78.1
 51 34.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 43.818 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

Tgt Ion: 42 Resp: 191832
 Ion Ratio Lower Upper
 42 100
 74 125.1 100.8 151.2
 44 5.9 5.0 7.4

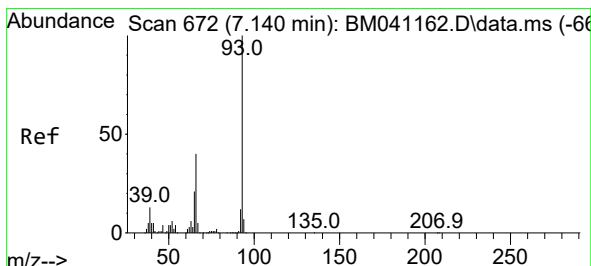
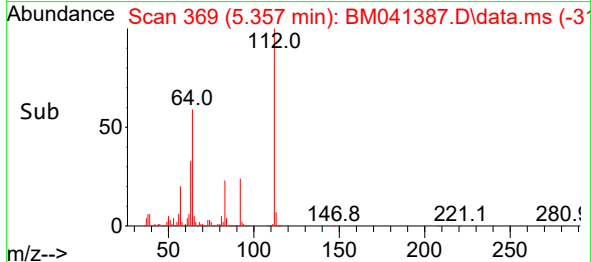
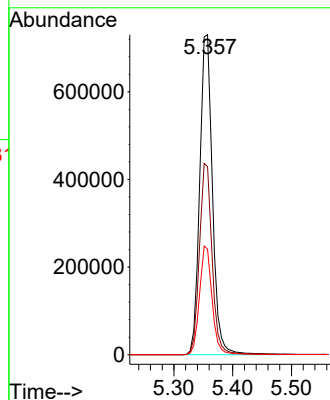
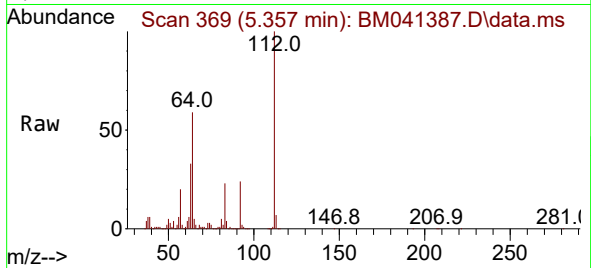




#5
2-Fluorophenol
Concen: 130.887 ng
RT: 5.357 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

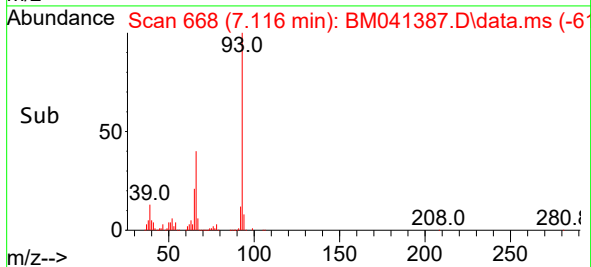
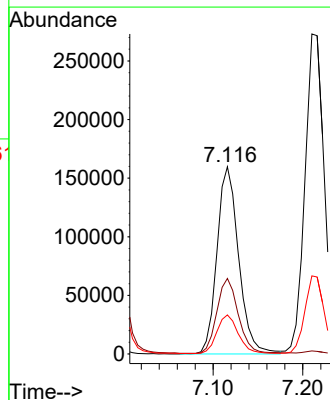
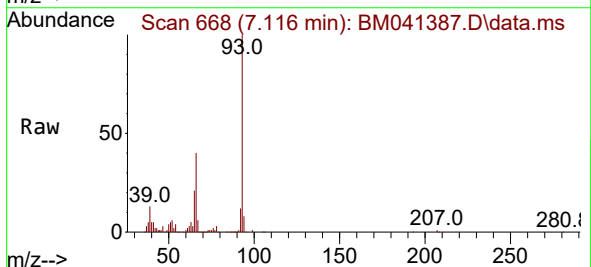
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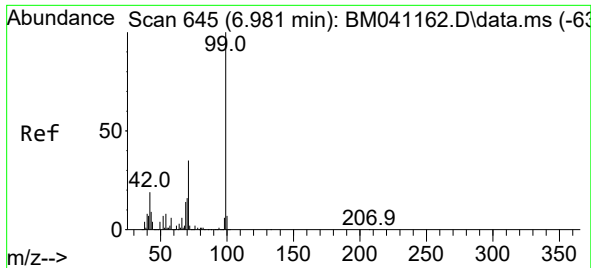
Tgt Ion:112 Resp: 1101498
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 33.0 26.5 39.7



#6
Aniline
Concen: 21.008 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 93 Resp: 268194
Ion Ratio Lower Upper
93 100
66 40.4 32.0 48.0
65 20.9 16.6 24.8

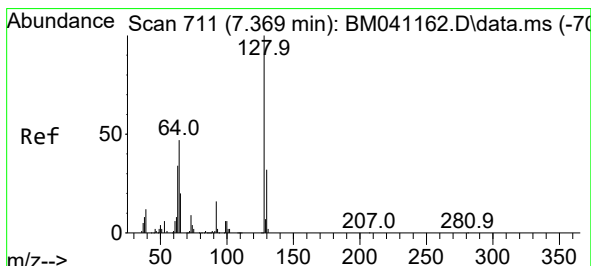
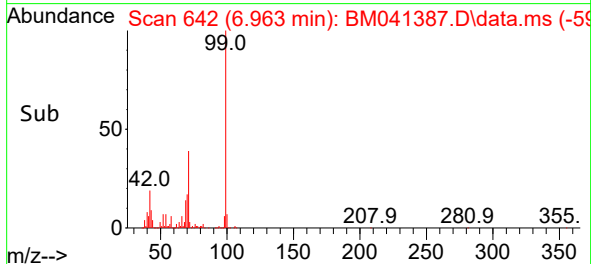
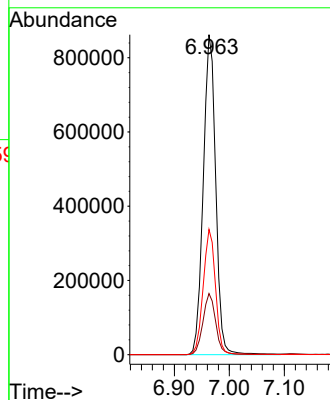
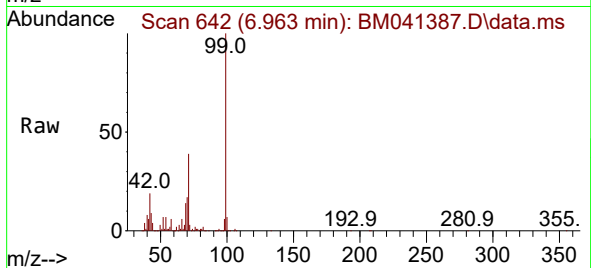




#7
Phenol-d6
Concen: 124.612 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

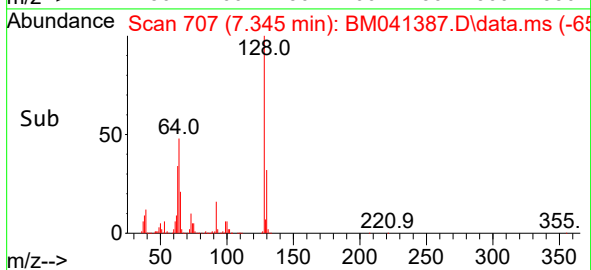
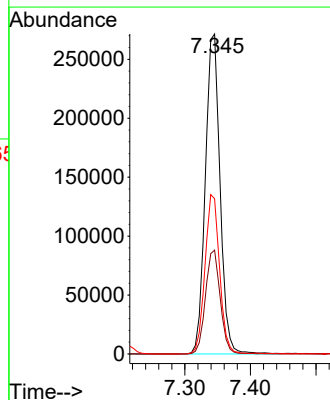
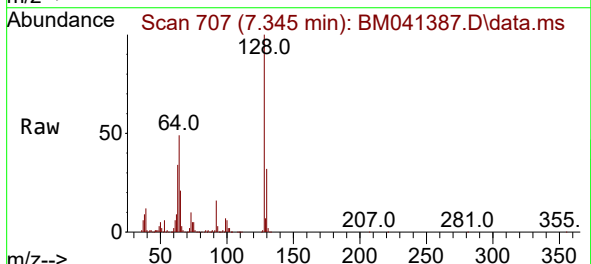
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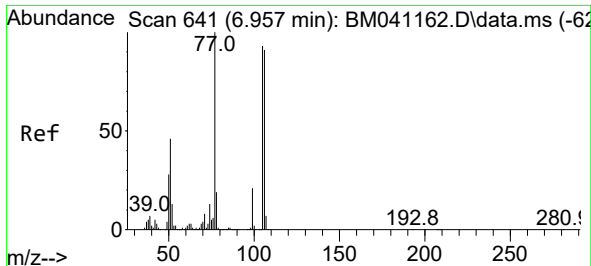
Tgt Ion: 99 Resp: 1359351
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 39.2 28.2 42.4



#8
2-Chlorophenol
Concen: 51.829 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:128 Resp: 425814
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 48.5 29.3 69.3

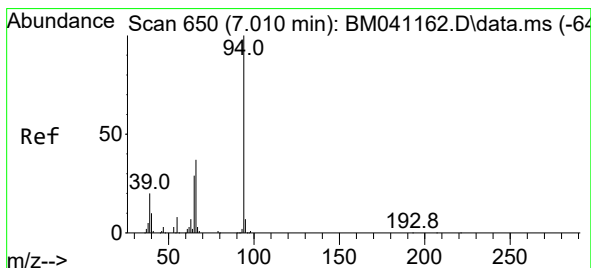
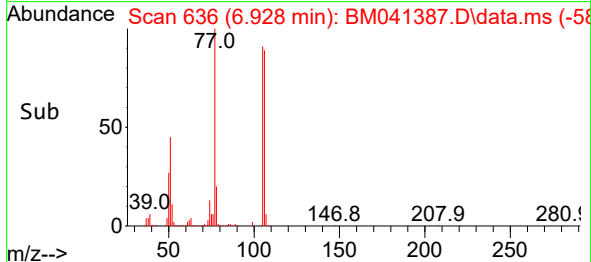
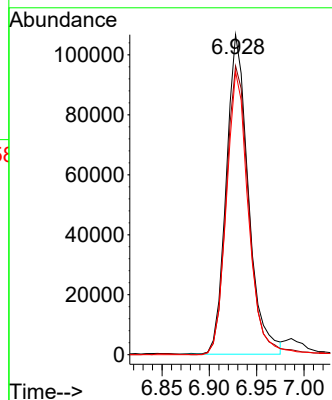
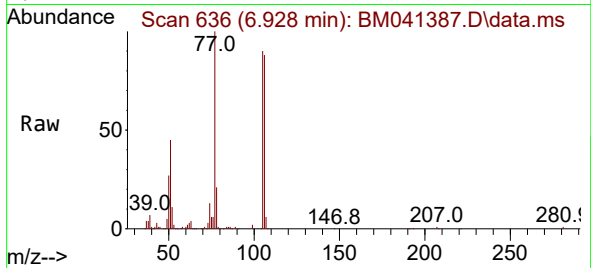




#9
Benzaldehyde
Concen: 30.119 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

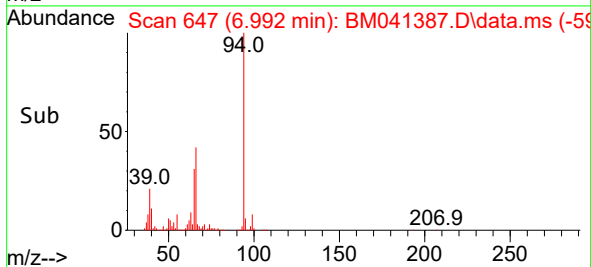
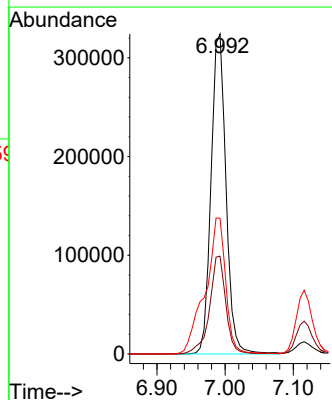
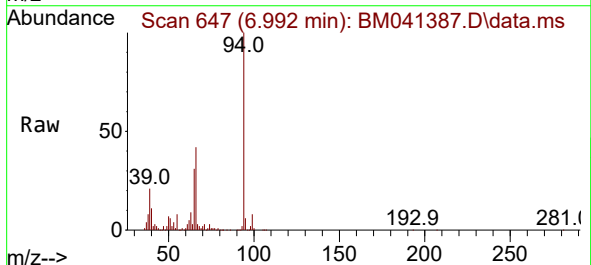
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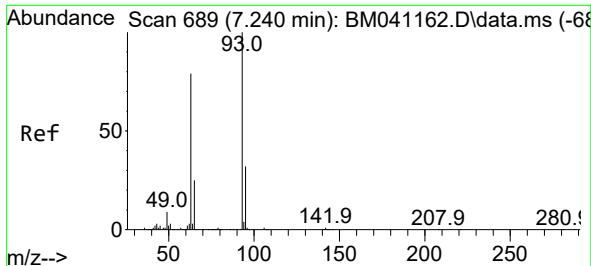
Tgt Ion: 77 Resp: 173369
Ion Ratio Lower Upper
77 100
105 90.3 72.8 112.8
106 88.4 70.8 110.8



#10
Phenol
Concen: 47.048 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 94 Resp: 495696
Ion Ratio Lower Upper
94 100
65 30.5 9.5 49.5
66 42.4 18.0 58.0

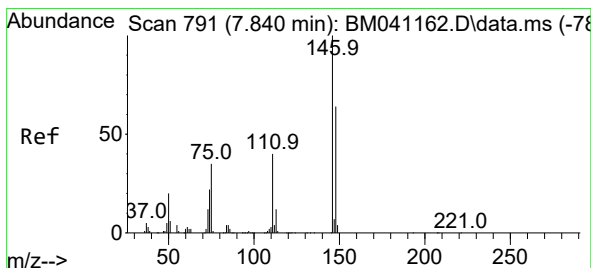
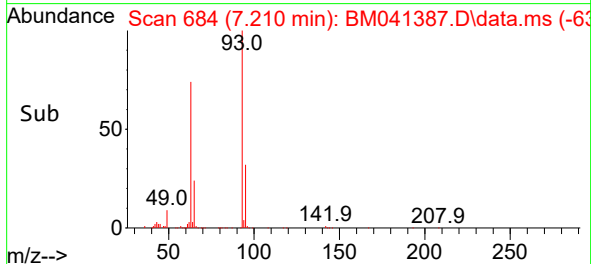
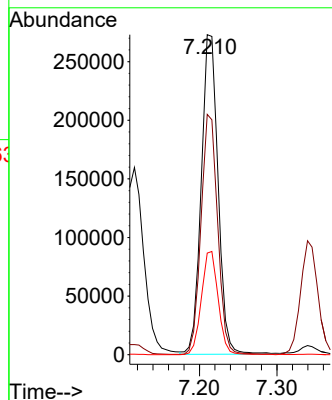
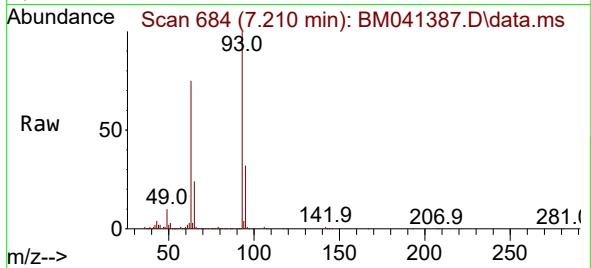




#11
bis(2-Chloroethyl)ether
Concen: 48.233 ng
RT: 7.210 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

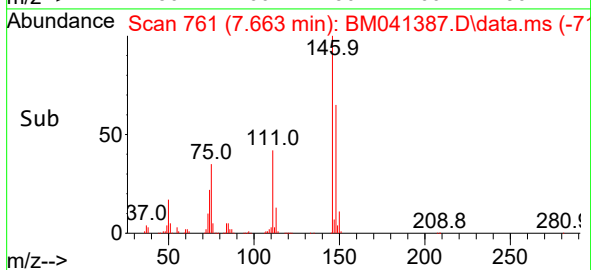
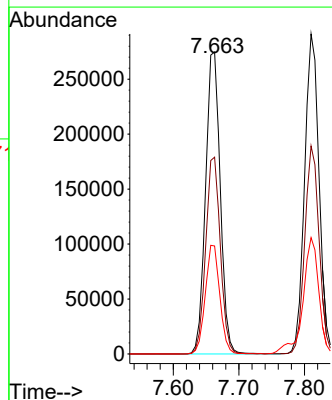
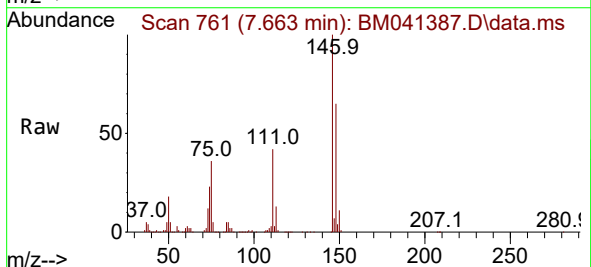
Instrument :
BNA_M
ClientSampleId :
WC-15MS

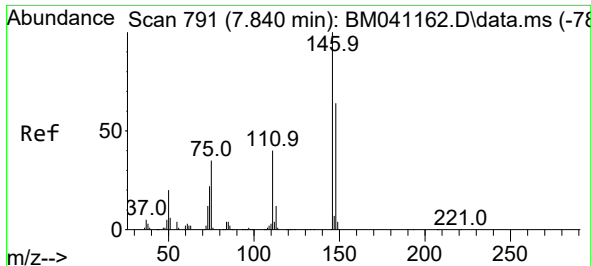
Tgt Ion: 93 Resp: 411356
Ion Ratio Lower Upper
93 100
63 75.1 58.8 98.8
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 48.079 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 146 Resp: 429971
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 35.8 28.3 42.5

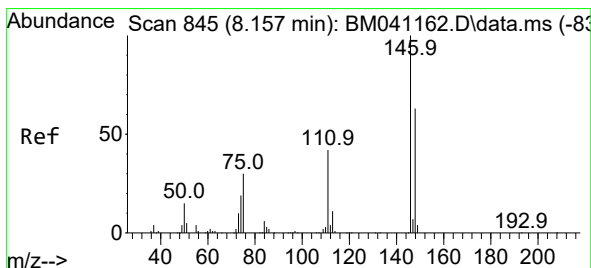
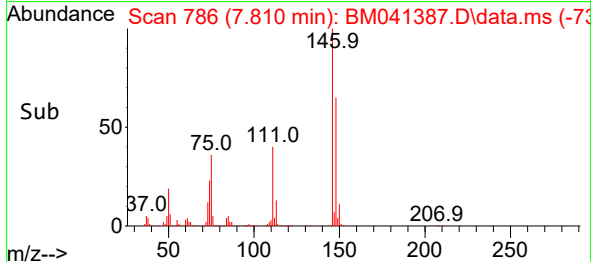
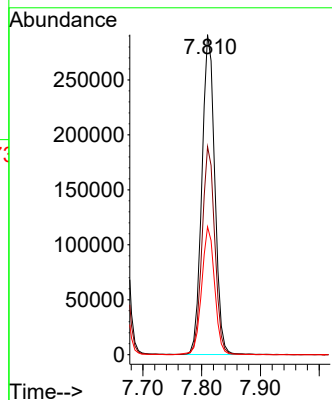
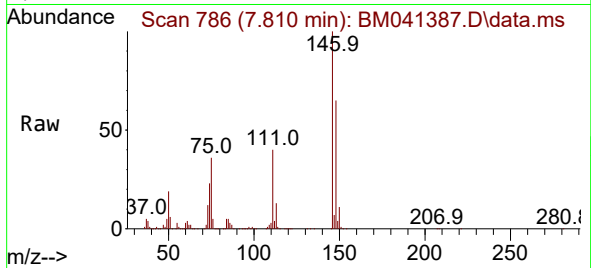




#13
1,4-Dichlorobenzene
Concen: 49.412 ng
RT: 7.810 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

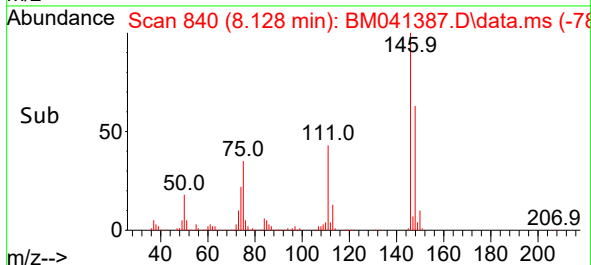
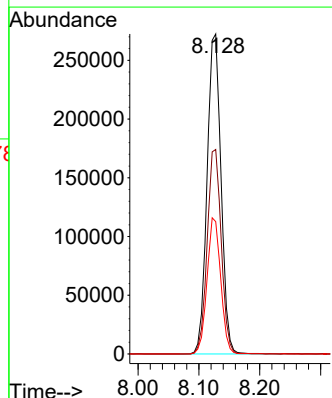
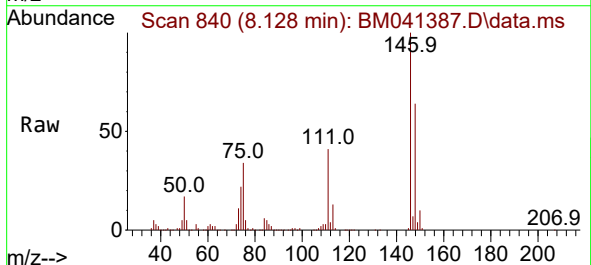
Instrument :
BNA_M
ClientSampleId :
WC-15MS

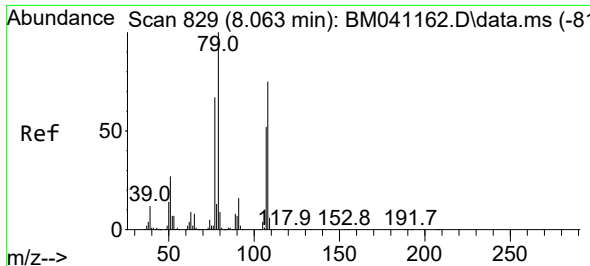
Tgt Ion:146 Resp: 444157
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
111 40.0 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 50.401 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:146 Resp: 434392
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 41.3 33.8 50.6

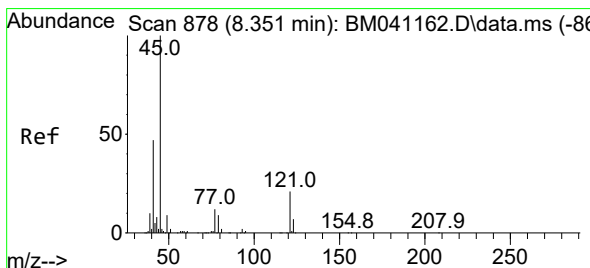
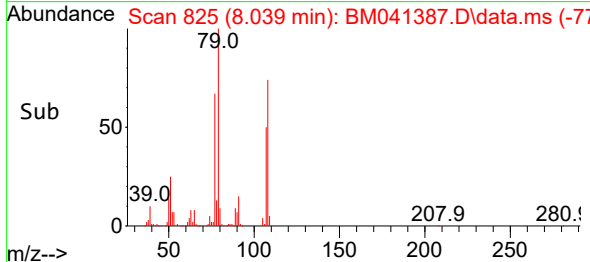
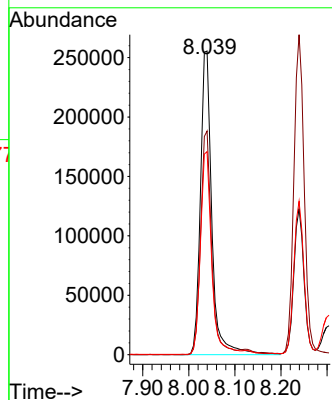
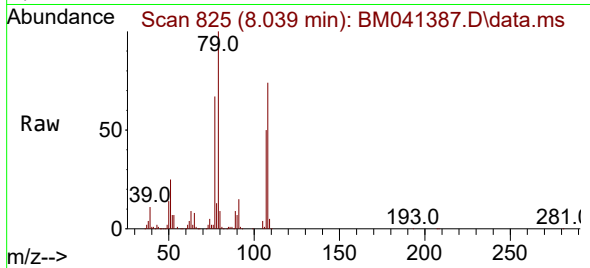




#15
Benzyl Alcohol
Concen: 64.249 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

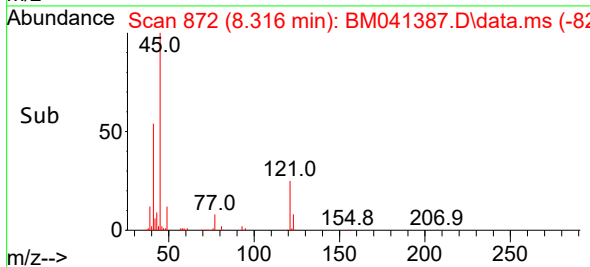
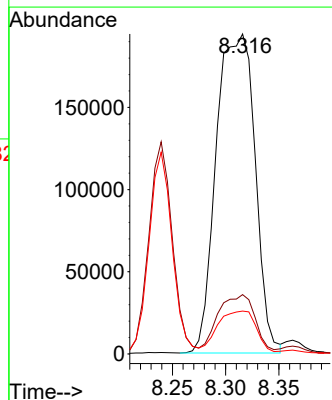
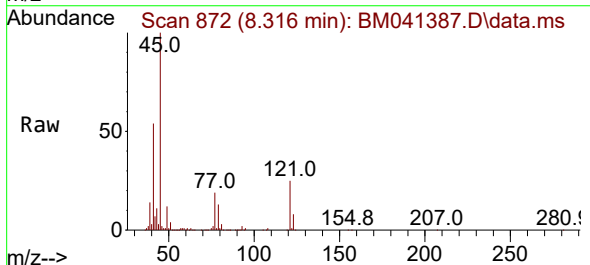
Instrument :
BNA_M
ClientSampleId :
WC-15MS

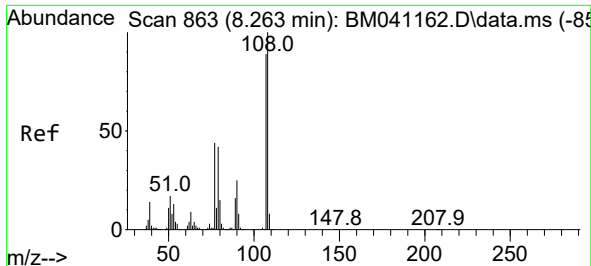
Tgt Ion: 79 Resp: 442613
Ion Ratio Lower Upper
79 100
108 73.7 59.8 89.8
77 66.9 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.127 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 45 Resp: 490067
Ion Ratio Lower Upper
45 100
77 18.6 0.0 34.5
79 13.4 0.0 32.1

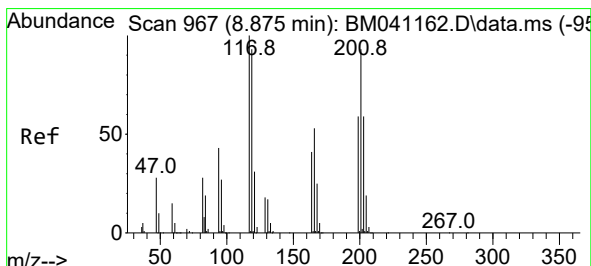
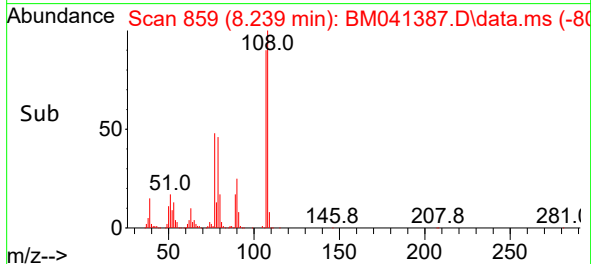
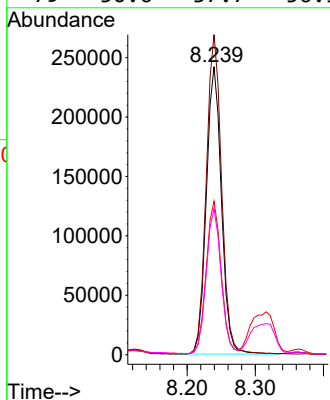
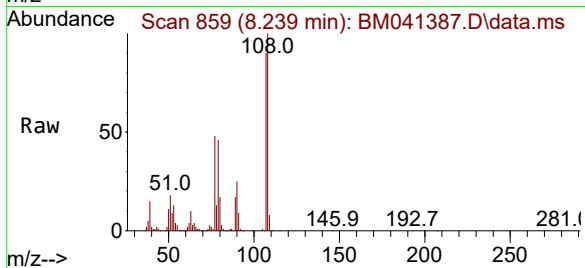




#17
2-Methylphenol
Concen: 51.868 ng
RT: 8.239 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

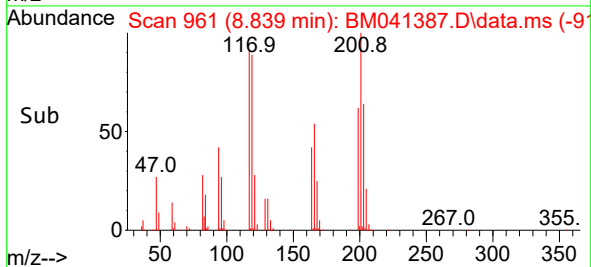
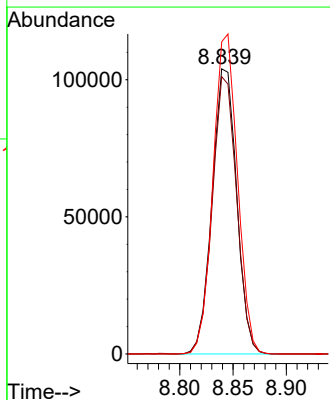
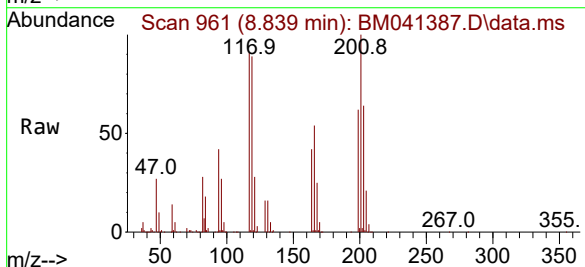
Instrument :
BNA_M
ClientSampleId :
WC-15MS

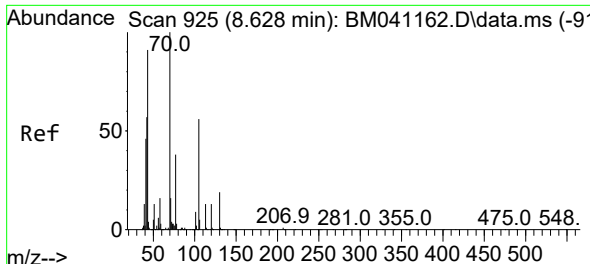
Tgt Ion:107 Resp: 373349
Ion Ratio Lower Upper
107 100
108 111.1 89.9 134.9
77 53.3 39.8 59.8
79 50.6 37.7 56.5



#18
Hexachloroethane
Concen: 49.810 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:117 Resp: 166685
Ion Ratio Lower Upper
117 100
119 97.3 74.2 111.4
201 109.5 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 56.292 ng

RT: 8.598 min Scan# 916

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

Tgt Ion: 70 Resp: 372984

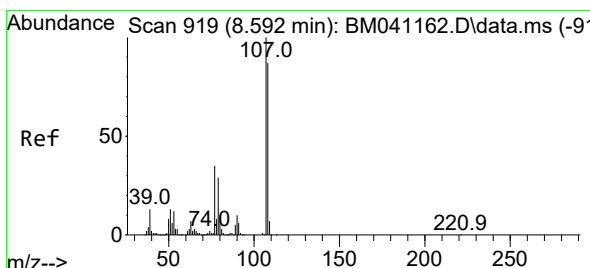
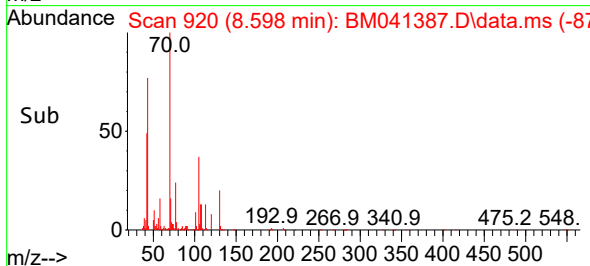
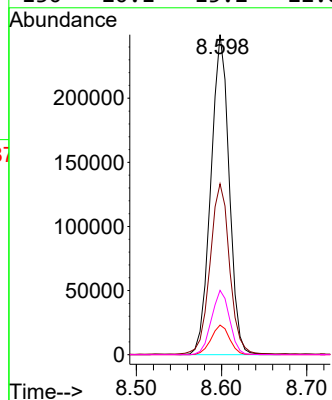
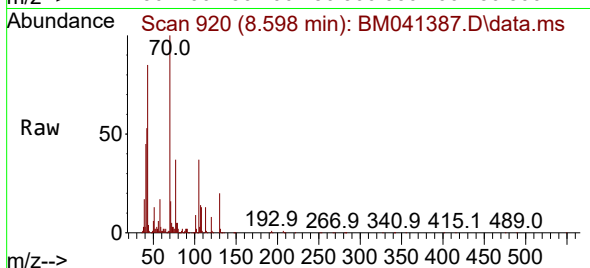
Ion Ratio Lower Upper

70 100

42 53.4 45.8 68.8

101 9.3 7.4 11.0

130 20.1 15.2 22.8



#20

3+4-Methylphenols

Concen: 52.831 ng

RT: 8.575 min Scan# 916

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Tgt Ion: 107 Resp: 508463

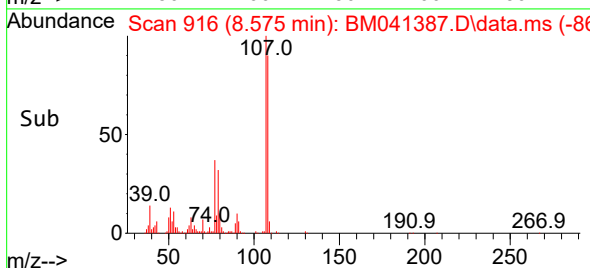
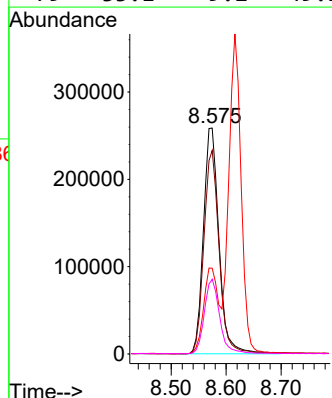
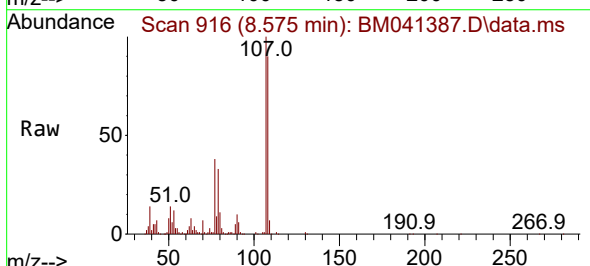
Ion Ratio Lower Upper

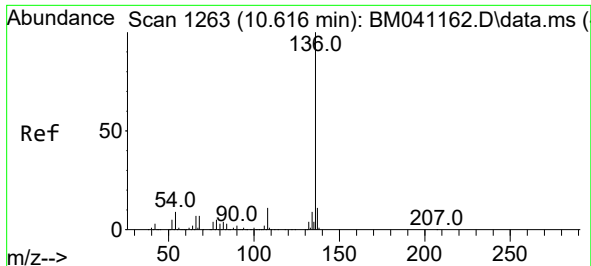
107 100

108 90.1 67.2 107.2

77 38.0 15.4 55.4

79 33.1 9.2 49.2

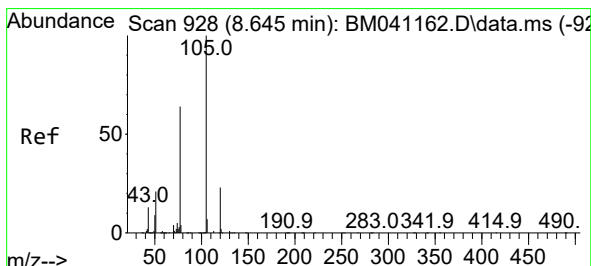
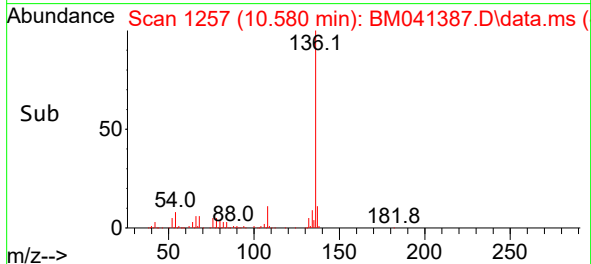
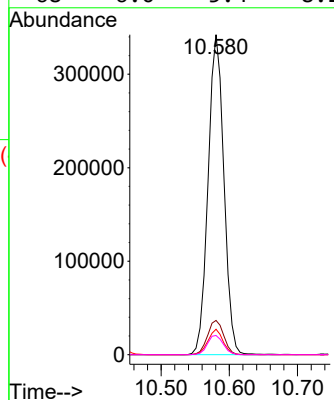
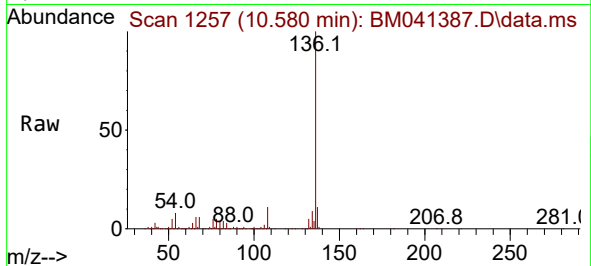




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

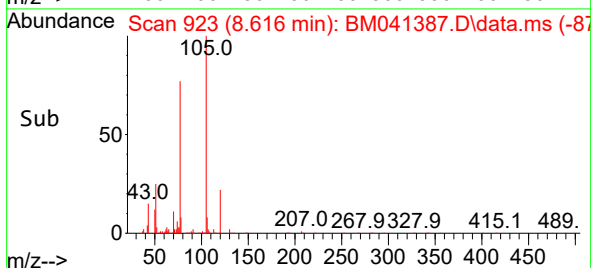
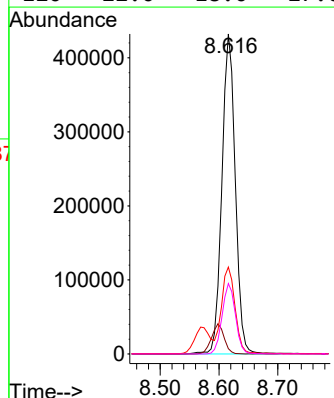
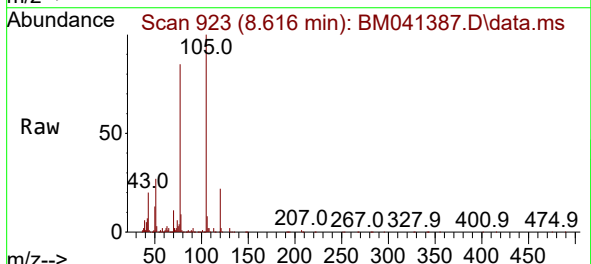
Instrument :
BNA_M
ClientSampleId :
WC-15MS

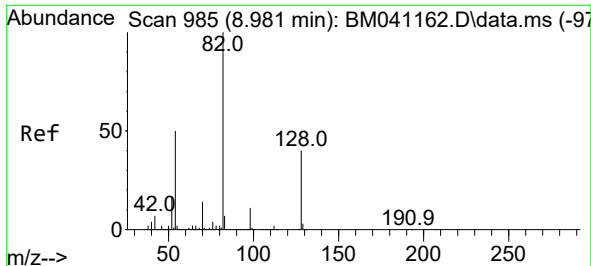
Tgt Ion:136 Resp: 552077
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 6.9 10.3
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 46.814 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:105 Resp: 684486
Ion Ratio Lower Upper
105 100
71 1.6 1.2 1.8
51 27.1 22.0 33.0
120 22.0 18.0 27.0

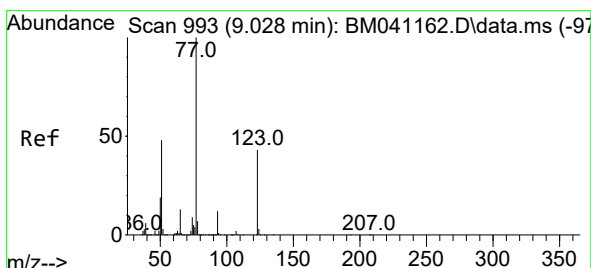
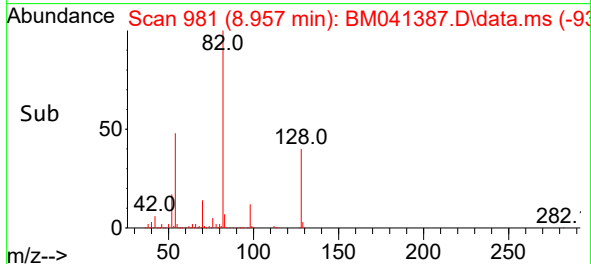
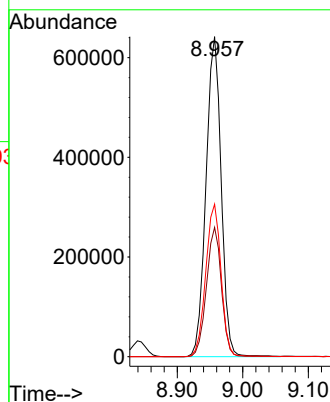
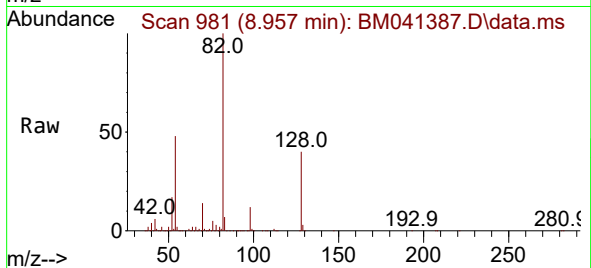




#23
Nitrobenzene-d5
Concen: 87.080 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

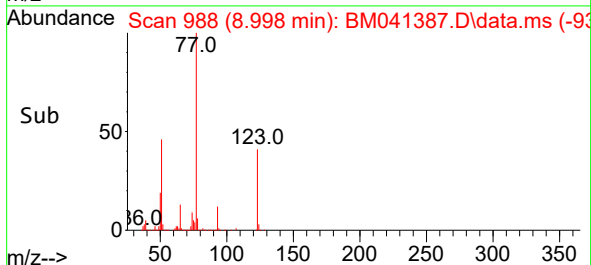
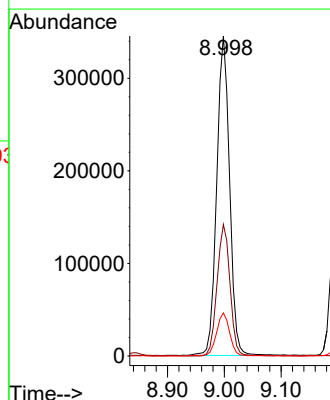
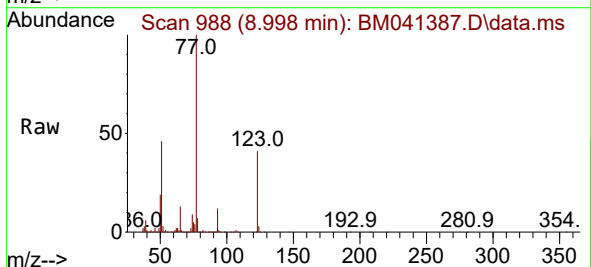
Instrument :
BNA_M
ClientSampleId :
WC-15MS

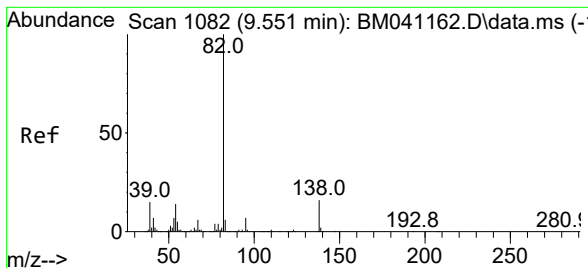
Tgt Ion: 82 Resp: 1033767
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 47.7 40.1 60.1



#24
Nitrobenzene
Concen: 45.078 ng
RT: 8.998 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 77 Resp: 541180
Ion Ratio Lower Upper
77 100
123 41.1 34.2 51.2
65 13.4 10.7 16.1





#25

Isophorone

Concen: 51.901 ng

RT: 9.522 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

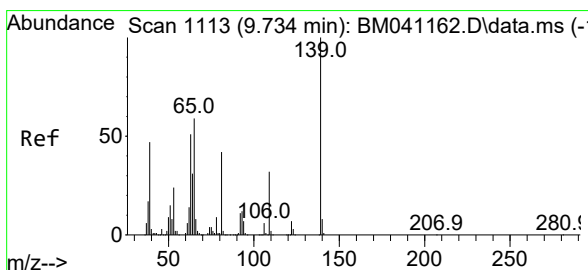
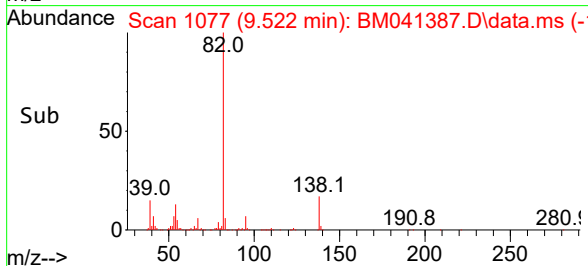
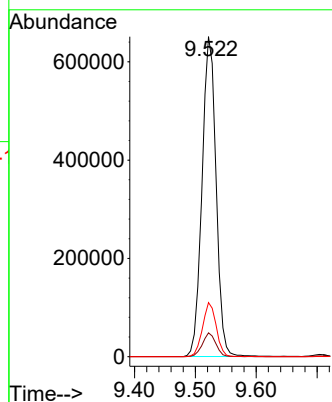
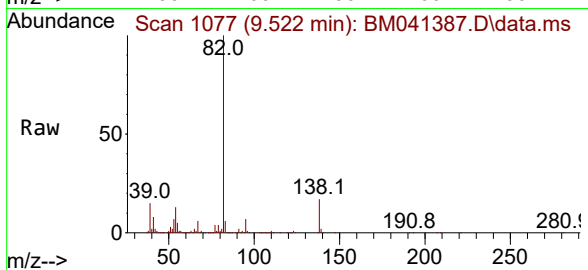
Tgt Ion: 82 Resp: 1045917

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

138 16.9 12.8 19.2



#26

2-Nitrophenol

Concen: 52.461 ng

RT: 9.704 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

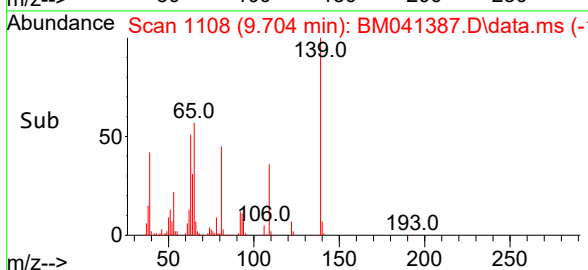
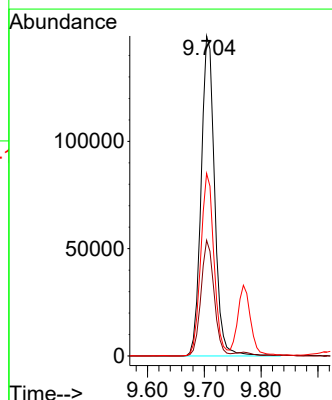
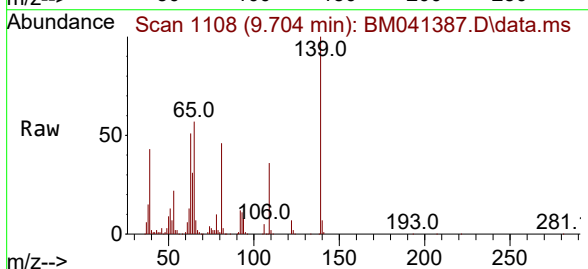
Tgt Ion: 139 Resp: 246206

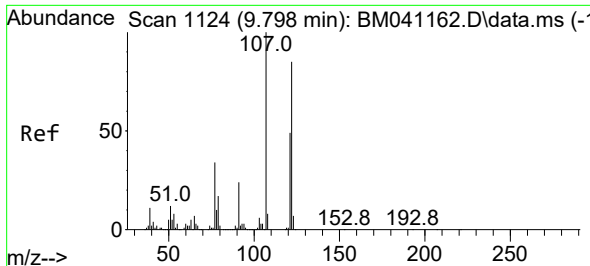
Ion Ratio Lower Upper

139 100

109 36.2 25.4 38.2

65 57.1 47.2 70.8

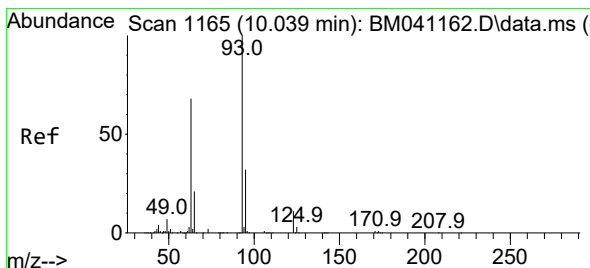
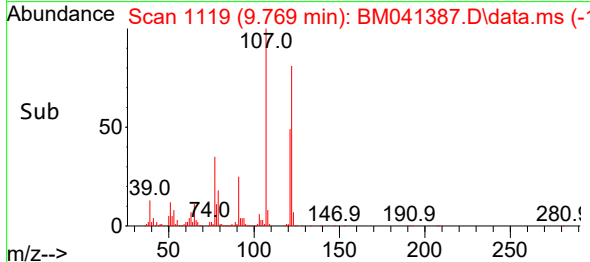
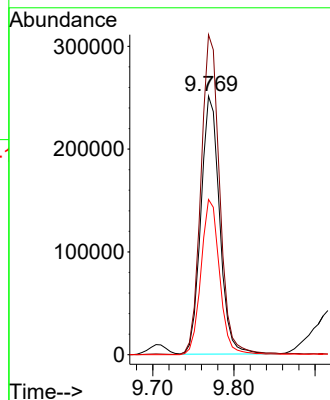
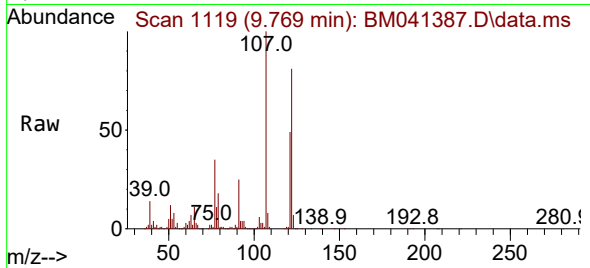




#27
2,4-Dimethylphenol
Concen: 48.592 ng
RT: 9.769 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

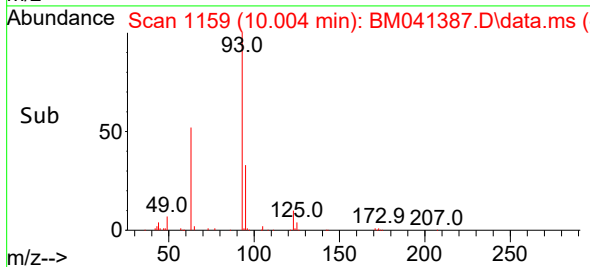
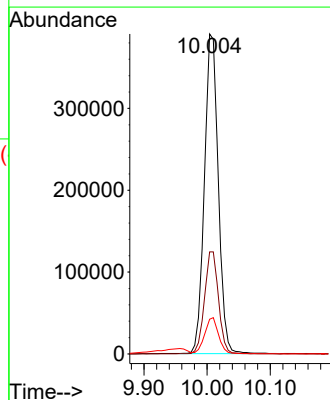
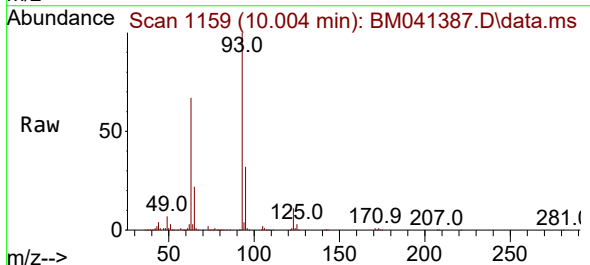
Instrument :
BNA_M
ClientSampleId :
WC-15MS

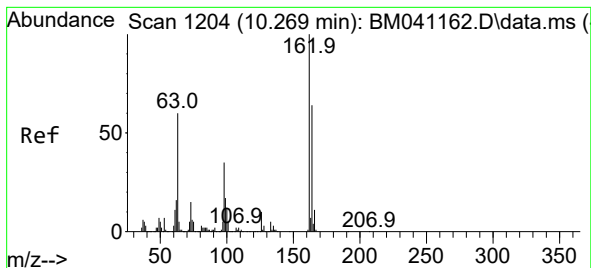
Tgt Ion:122 Resp: 401293
Ion Ratio Lower Upper
122 100
107 123.8 94.3 141.5
121 60.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.354 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 93 Resp: 597757
Ion Ratio Lower Upper
93 100
95 31.9 25.9 38.9
123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.811 ng

RT: 10.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

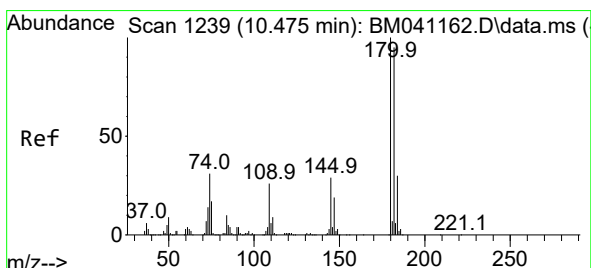
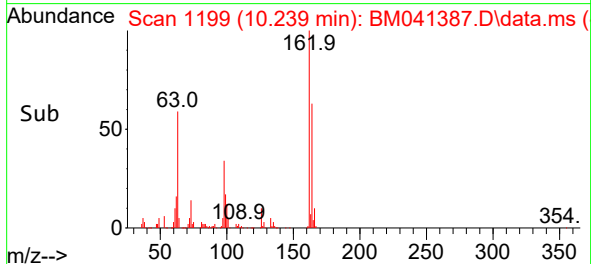
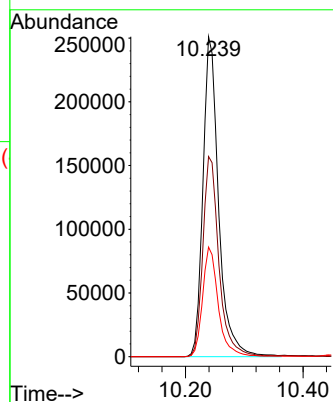
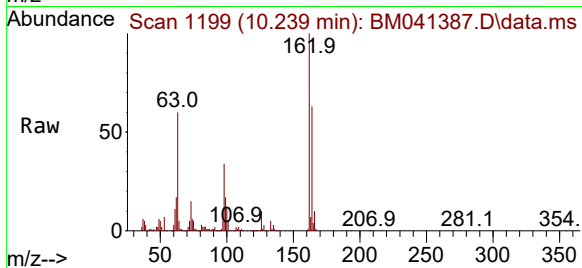
Tgt Ion:162 Resp: 464807

Ion Ratio Lower Upper

162 100

164 62.6 44.3 84.3

98 34.3 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 50.581 ng

RT: 10.445 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

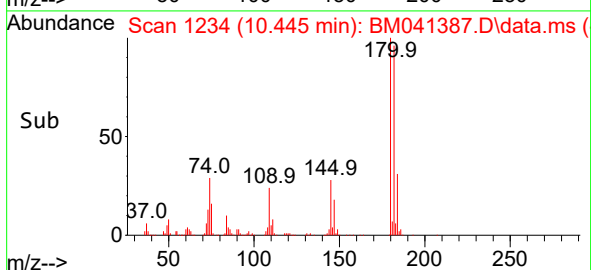
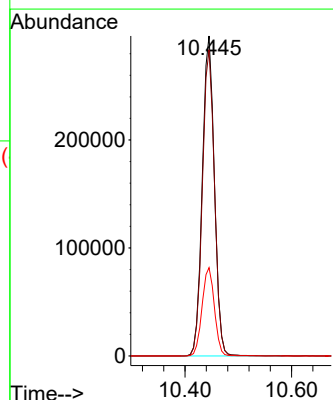
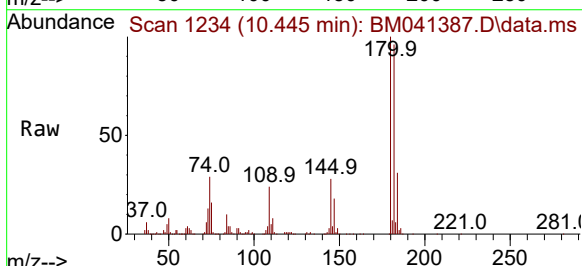
Tgt Ion:180 Resp: 465415

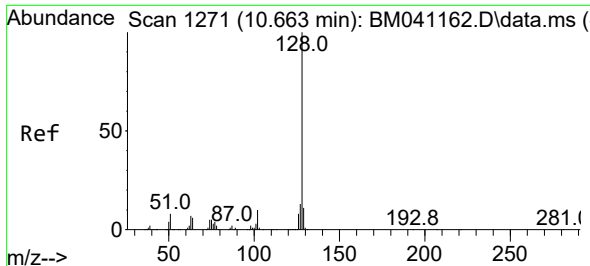
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 27.6 23.6 35.4

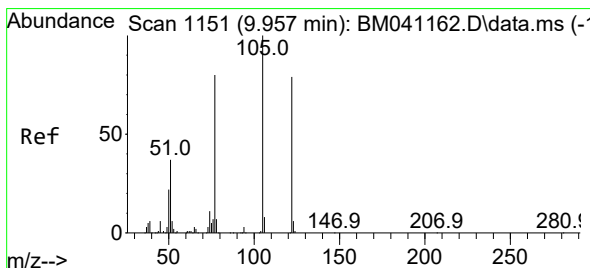
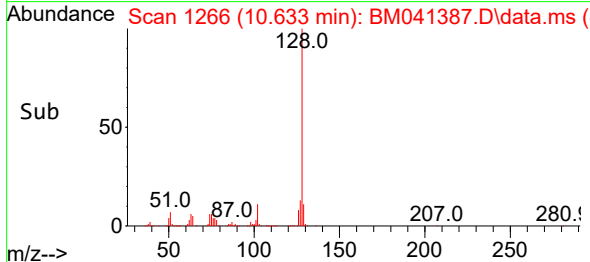
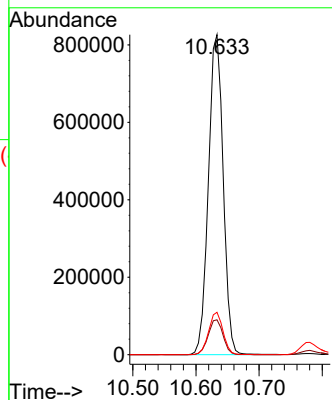
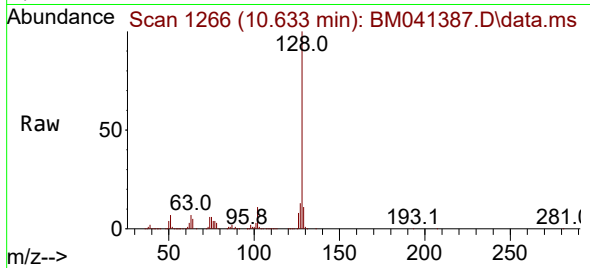




#31
Naphthalene
Concen: 44.827 ng
RT: 10.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

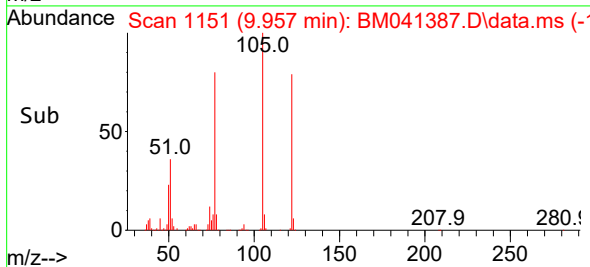
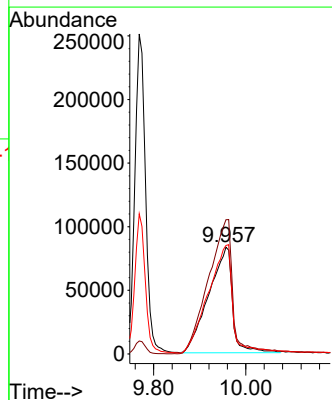
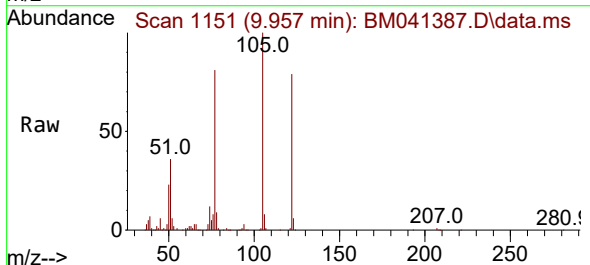
Instrument :
BNA_M
ClientSampleId :
WC-15MS

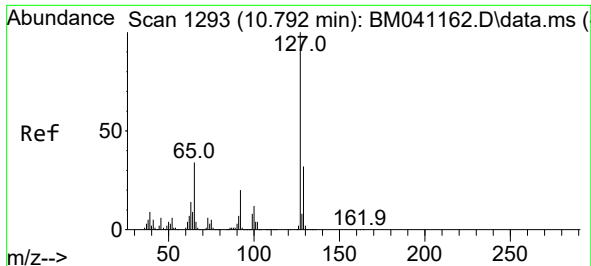
Tgt Ion:128 Resp: 1342977
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 47.898 ng
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:122 Resp: 296977
Ion Ratio Lower Upper
122 100
105 125.8 104.0 144.0
77 101.7 79.9 119.9

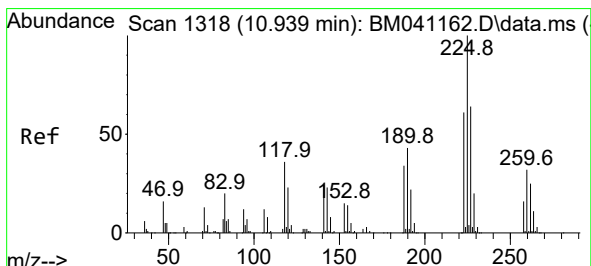
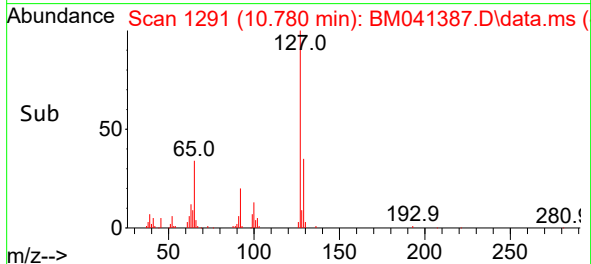
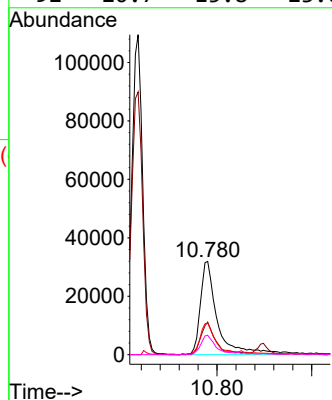
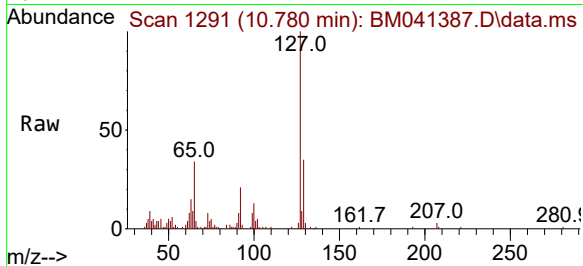




#33
4-Chloroaniline
Concen: 6.623 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

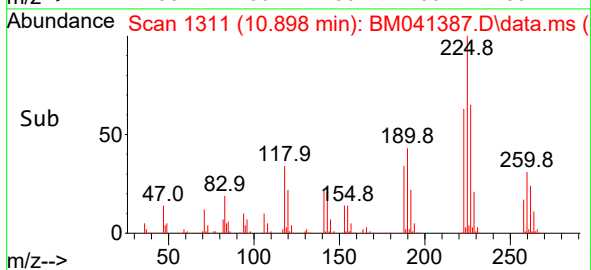
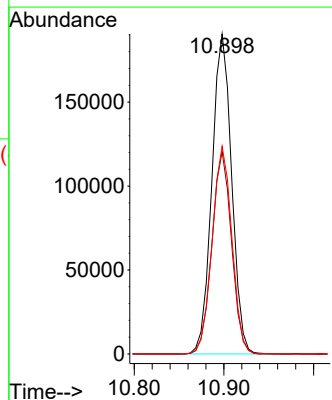
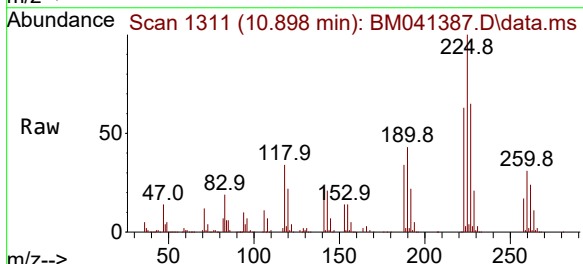
Instrument :
BNA_M
ClientSampleId :
WC-15MS

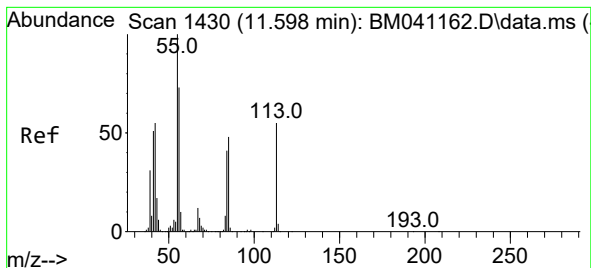
Tgt Ion:	127	Resp:	79292
Ion	Ratio	Lower	Upper
127	100		
129	34.9	25.9	38.9
65	33.9	26.9	40.3
92	20.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 52.499 ng
RT: 10.898 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:	225	Resp:	290529
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.4
227	64.9	50.8	76.2





#35

Caprolactam

Concen: 39.859 ng

RT: 11.598 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

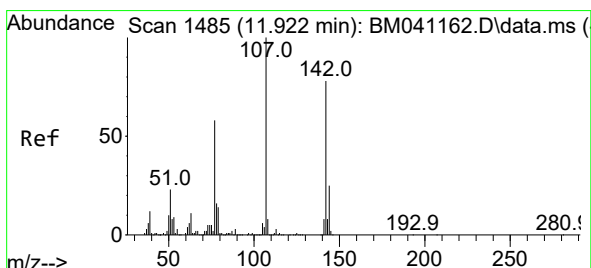
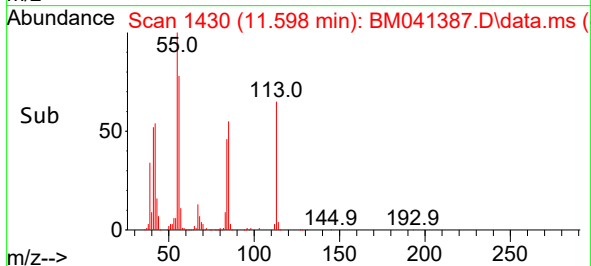
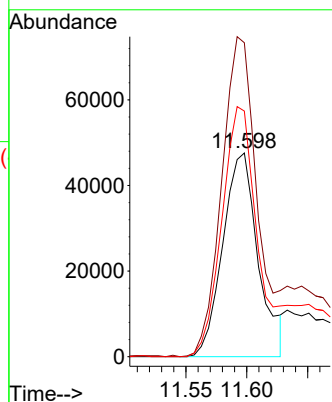
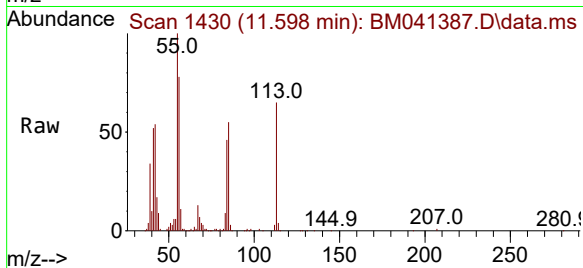
Tgt Ion:113 Resp: 96029

Ion Ratio Lower Upper

113 100

55 154.2 162.5 202.5#

56 120.6 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 58.236 ng

RT: 11.904 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

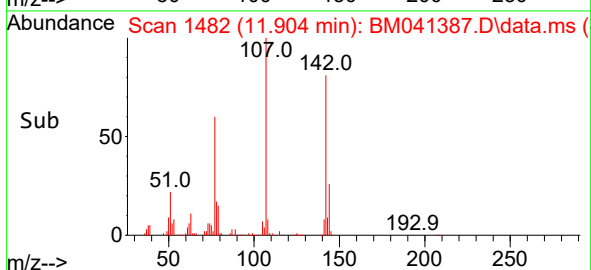
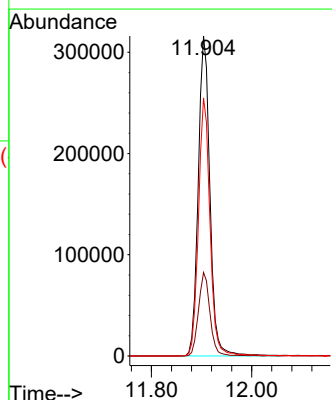
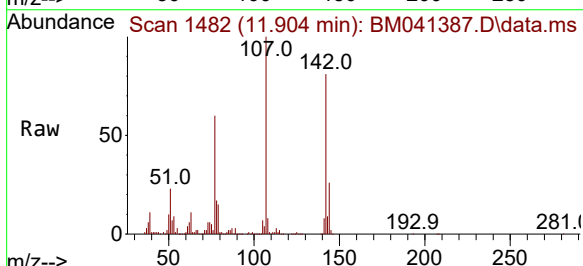
Tgt Ion:107 Resp: 510480

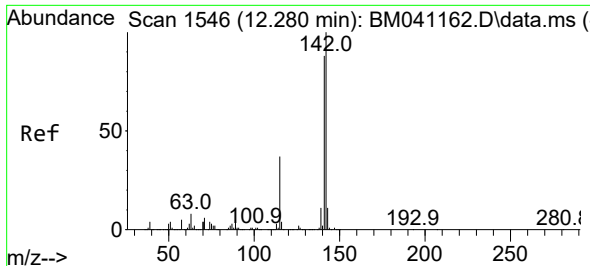
Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

142 80.6 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.240 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

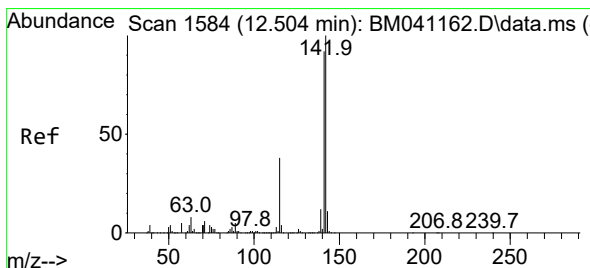
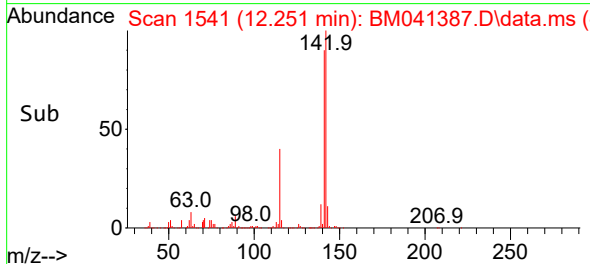
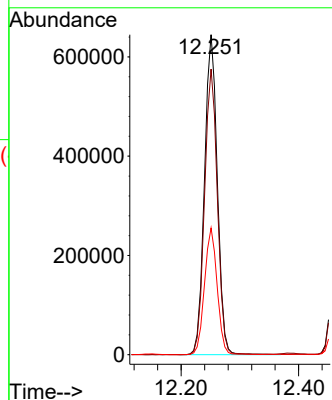
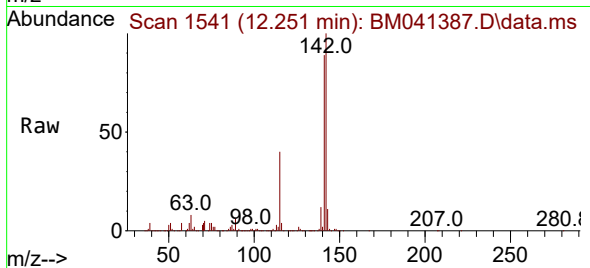
Tgt Ion:142 Resp: 974341

Ion Ratio Lower Upper

142 100

141 89.3 70.7 106.1

115 39.6 29.3 43.9



#38

1-Methylnaphthalene

Concen: 50.146 ng

RT: 12.474 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

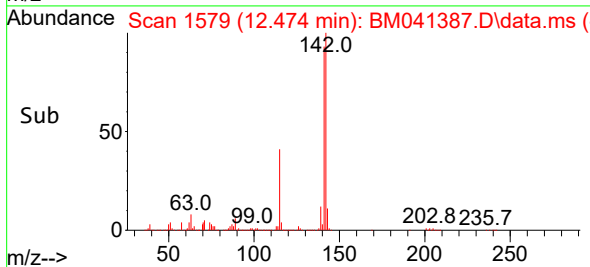
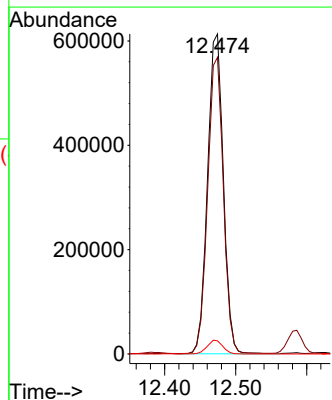
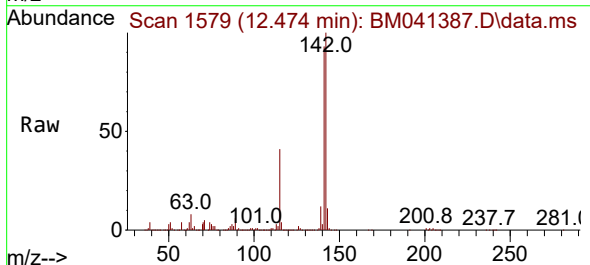
Tgt Ion:142 Resp: 947953

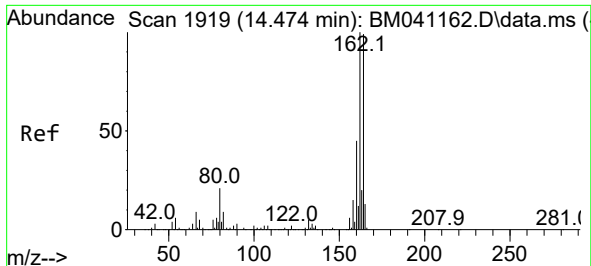
Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.2

116 4.1 3.2 4.8

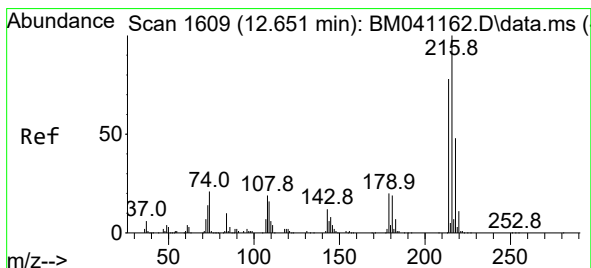
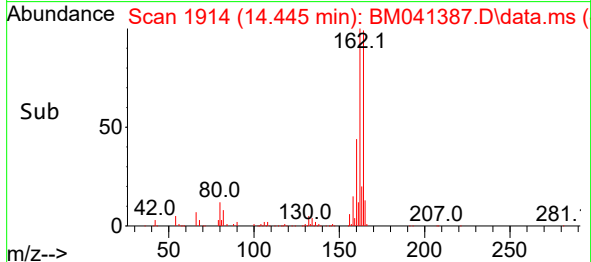
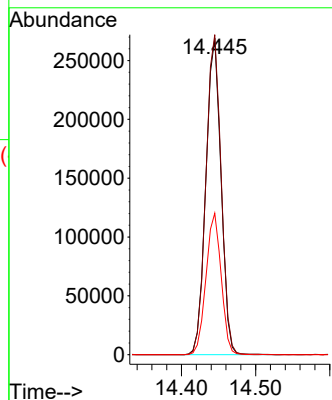
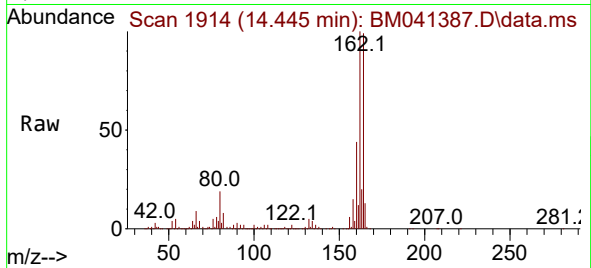




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

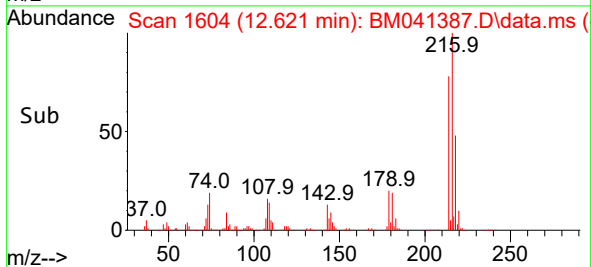
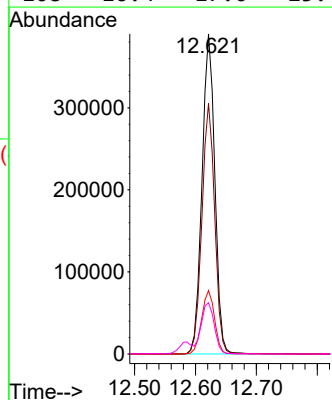
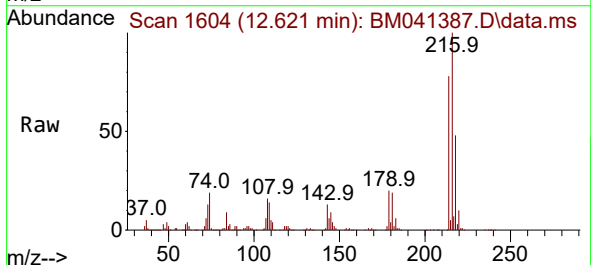
Instrument :
BNA_M
ClientSampleId :
WC-15MS

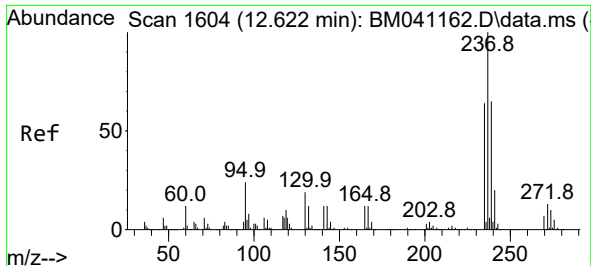
Tgt Ion:164 Resp: 382212
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.973 ng
RT: 12.621 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:216 Resp: 570560
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.0 16.2 24.2
108 16.4 17.0 25.4#

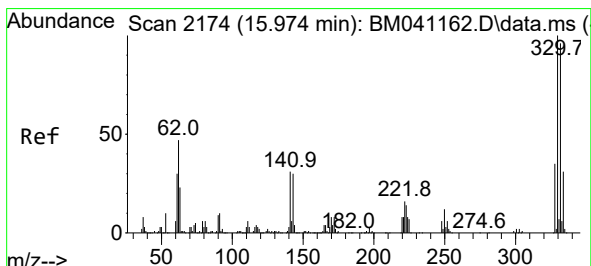
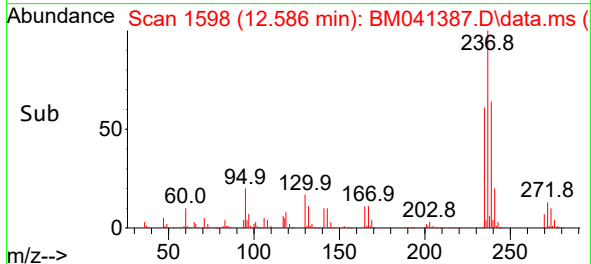
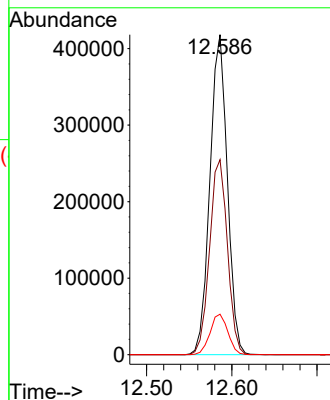
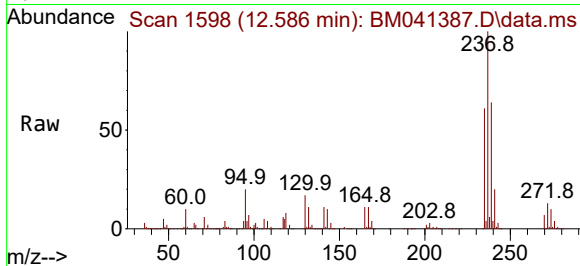




#41
Hexachlorocyclopentadiene
Concen: 90.300 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

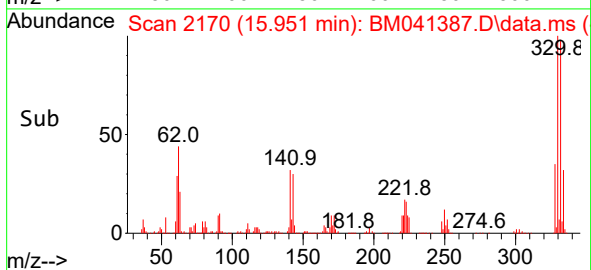
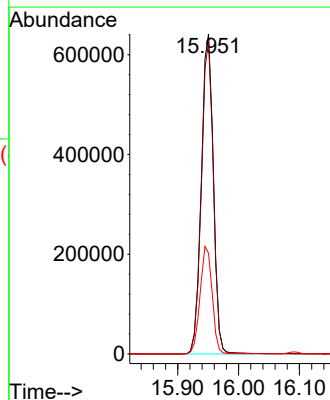
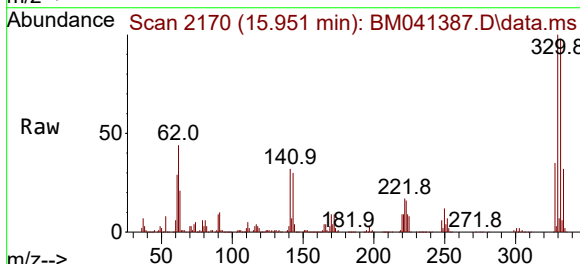
Instrument :
BNA_M
ClientSampleId :
WC-15MS

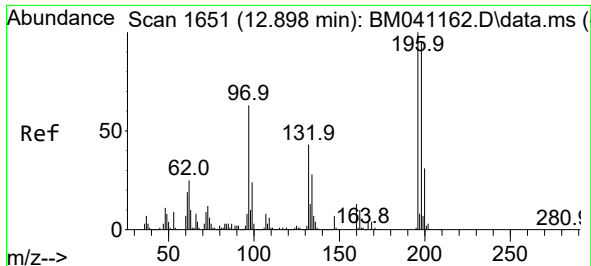
Tgt Ion:237 Resp: 592903
Ion Ratio Lower Upper
237 100
235 61.0 43.6 83.6
272 12.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 163.359 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:330 Resp: 883152
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 33.7 28.3 42.5

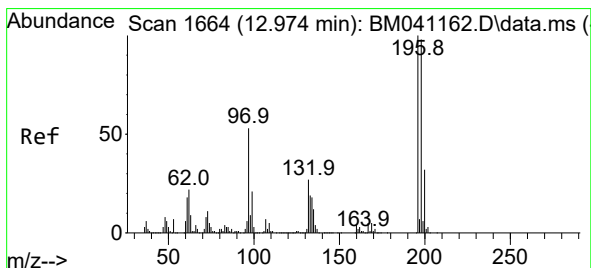
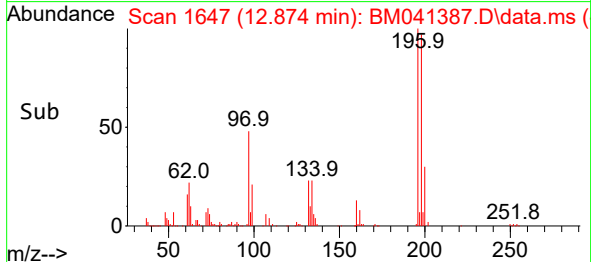
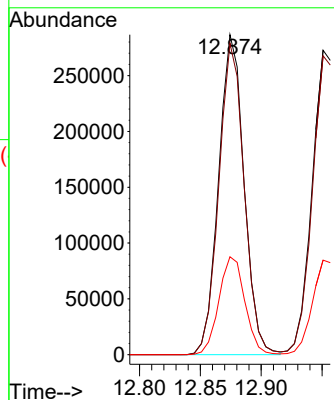
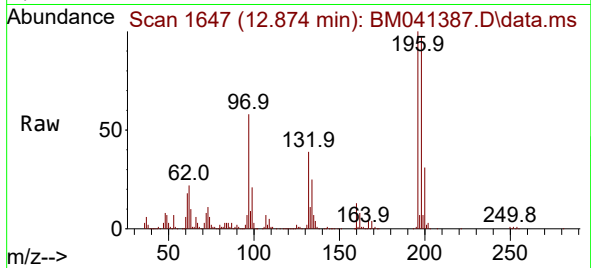




#43
2,4,6-Trichlorophenol
Concen: 52.410 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

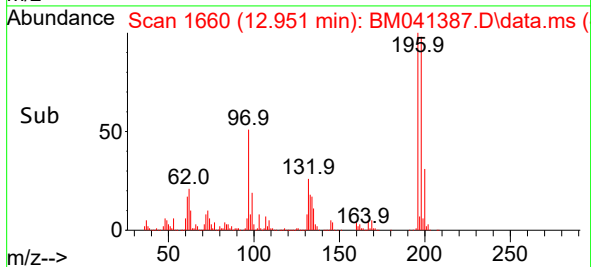
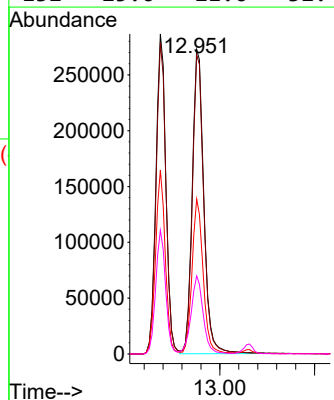
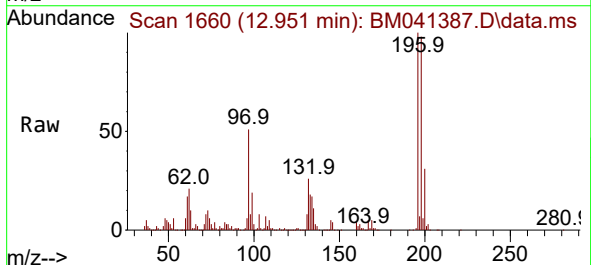
Instrument :
BNA_M
ClientSampleId :
WC-15MS

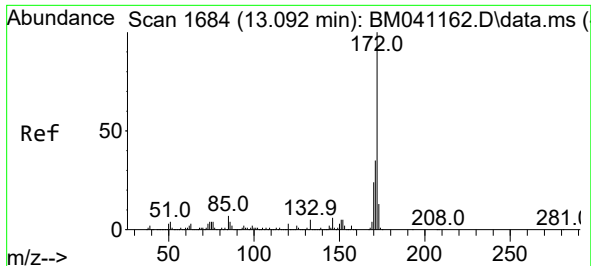
Tgt Ion:196 Resp: 416901
Ion Ratio Lower Upper
196 100
198 97.3 76.2 114.4
200 30.6 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 50.428 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:196 Resp: 464288
Ion Ratio Lower Upper
196 100
198 98.2 78.2 117.4
97 50.9 42.7 64.1
132 25.6 21.6 32.4

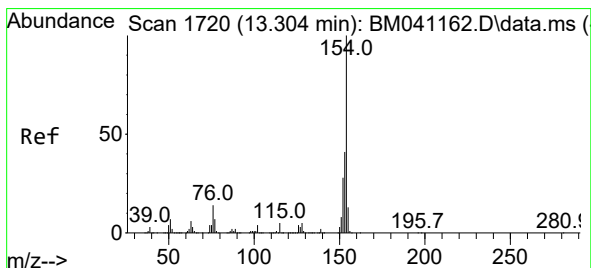
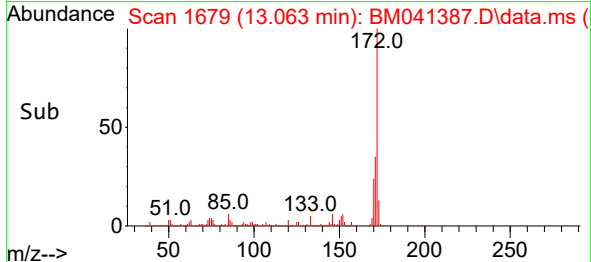
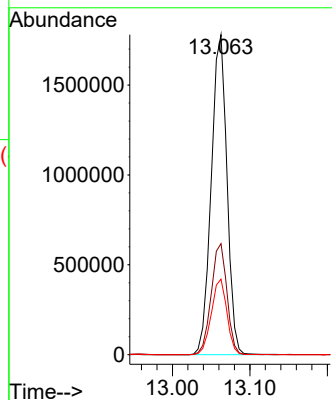
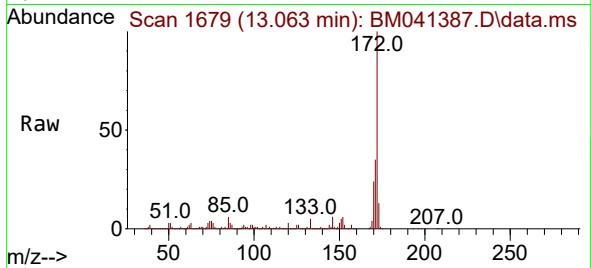




#45
2-Fluorobiphenyl
Concen: 83.075 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

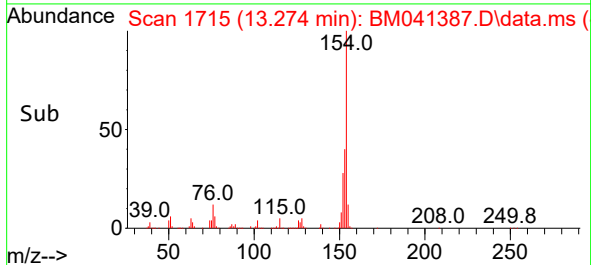
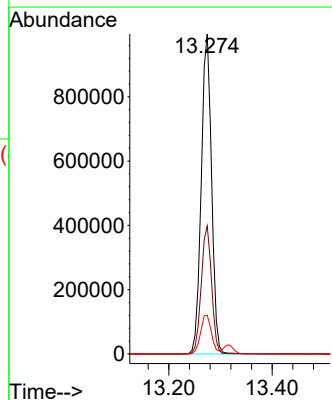
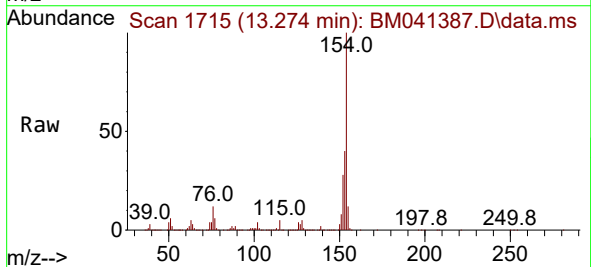
Instrument :
BNA_M
ClientSampleId :
WC-15MS

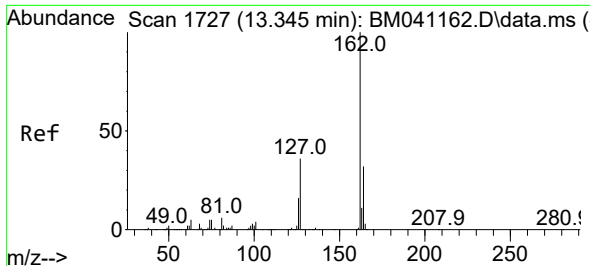
Tgt Ion:172 Resp: 2513540
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.530 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:154 Resp: 1379779
Ion Ratio Lower Upper
154 100
153 40.0 20.5 60.5
76 12.1 0.0 34.1

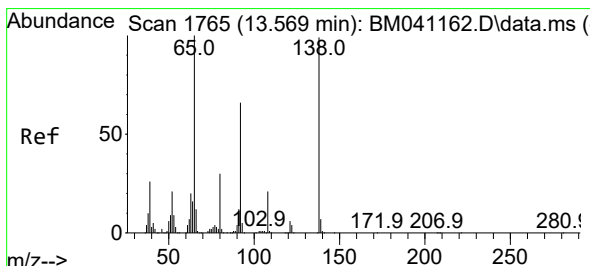
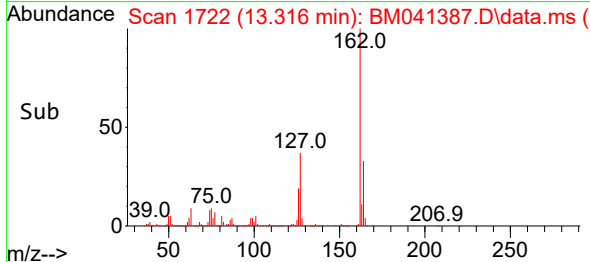
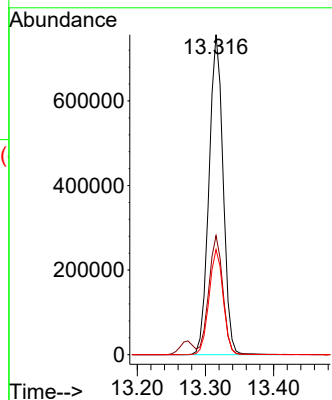
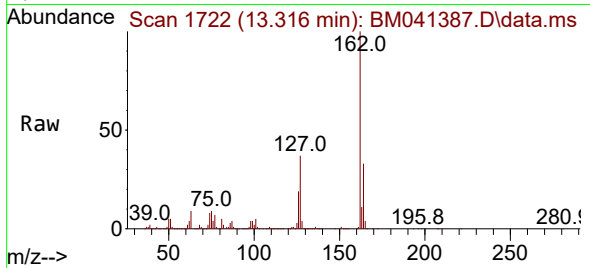




#47
2-Chloronaphthalene
Concen: 47.104 ng
RT: 13.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

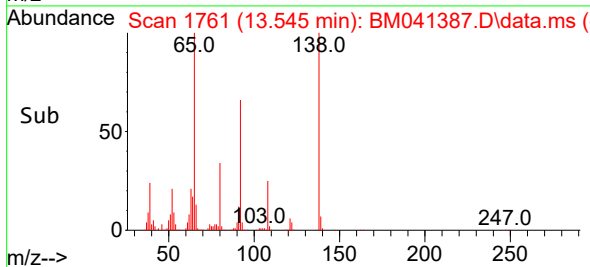
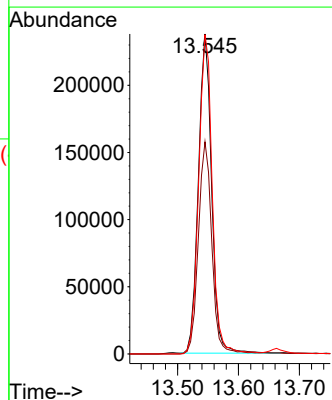
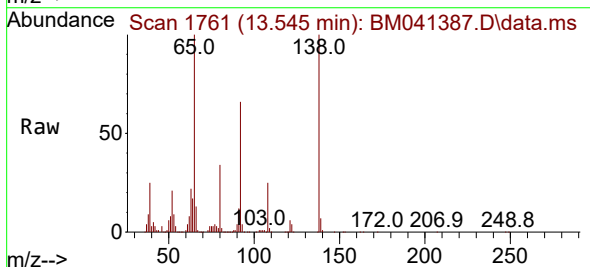
Instrument :
BNA_M
ClientSampleId :
WC-15MS

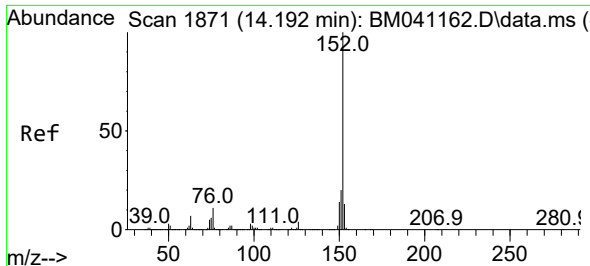
Tgt Ion:162 Resp: 1089803
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 48.586 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 65 Resp: 358809
Ion Ratio Lower Upper
65 100
92 66.3 53.0 79.4
138 99.8 79.1 118.7

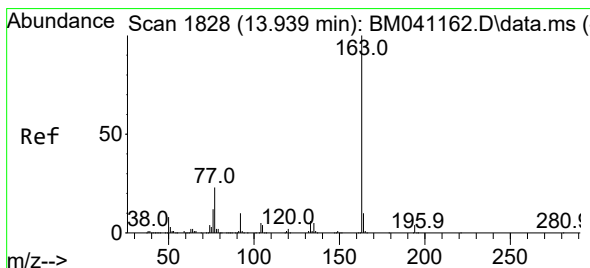
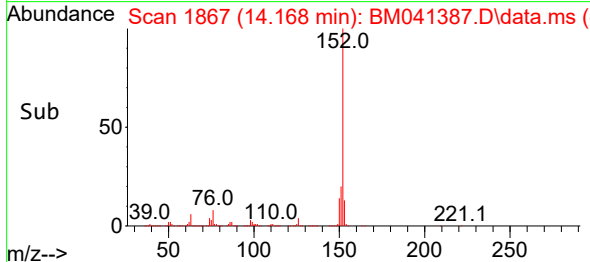
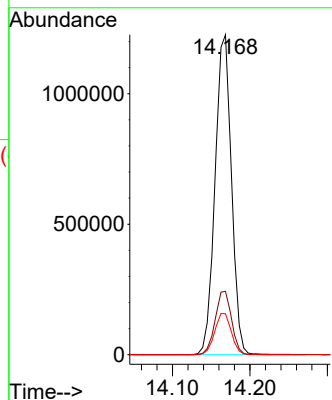
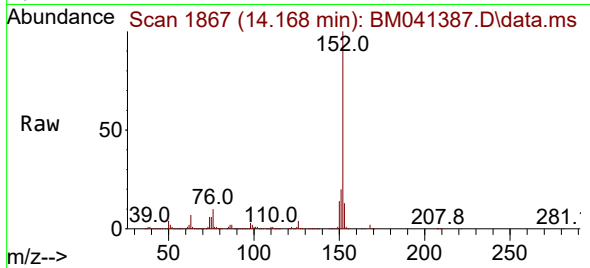




#49
Acenaphthylene
Concen: 48.192 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

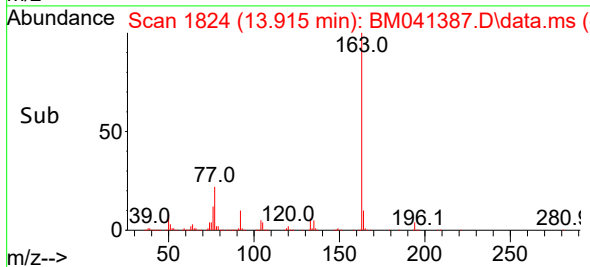
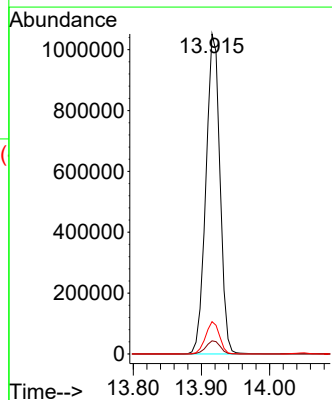
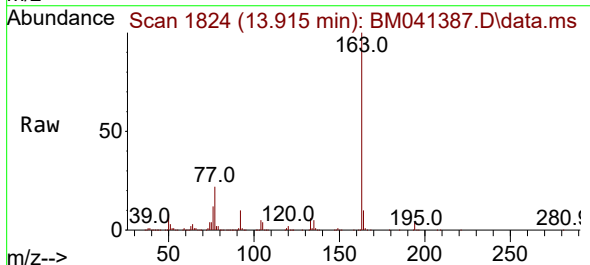
Instrument :
BNA_M
ClientSampleId :
WC-15MS

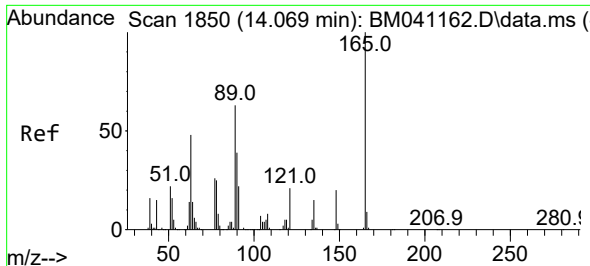
Tgt Ion:152 Resp: 1799638
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 52.411 ng
RT: 13.915 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:163 Resp: 1506846
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

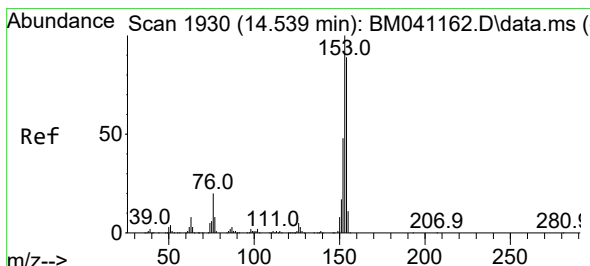
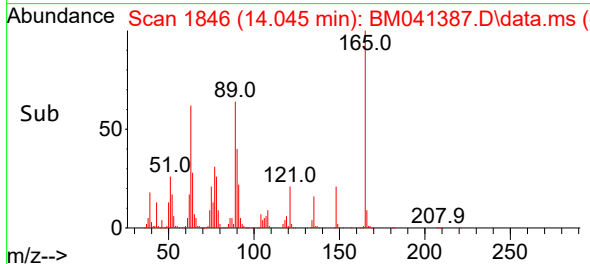
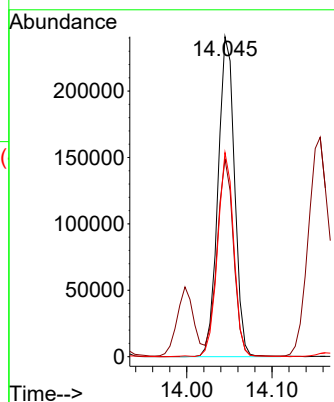
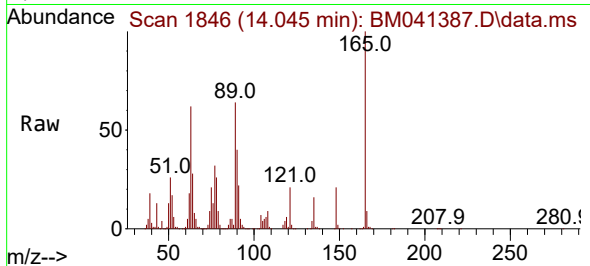




#51
2,6-Dinitrotoluene
Concen: 54.553 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

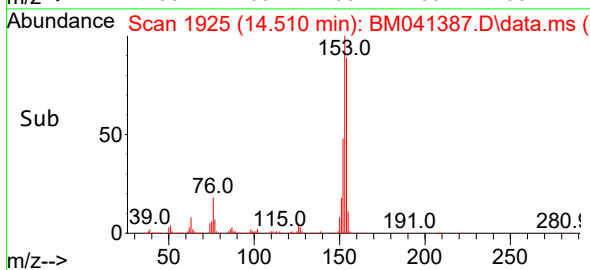
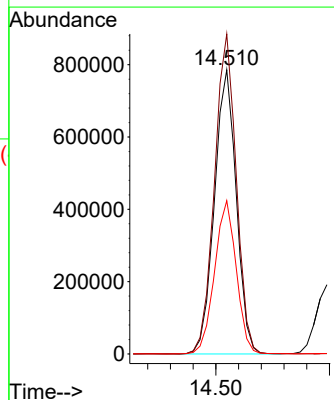
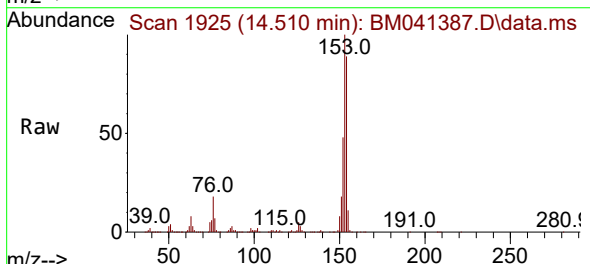
Instrument :
BNA_M
ClientSampleId :
WC-15MS

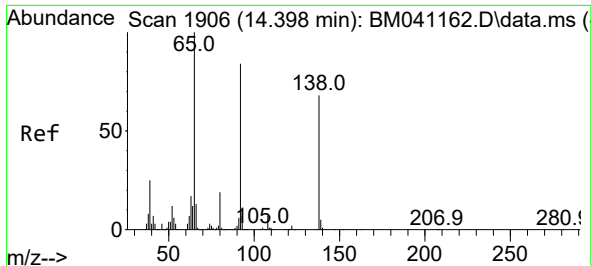
Tgt Ion:165 Resp: 324979
Ion Ratio Lower Upper
165 100
63 61.8 50.9 76.3
89 63.8 50.6 76.0



#52
Acenaphthene
Concen: 46.711 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:154 Resp: 1050840
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.4
152 53.9 43.4 65.0

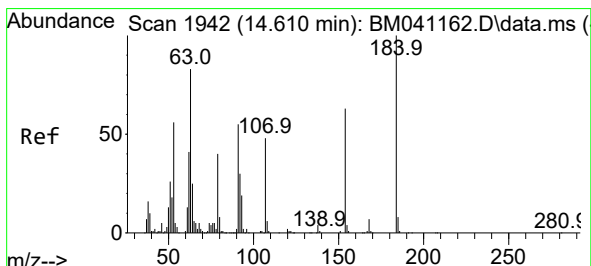
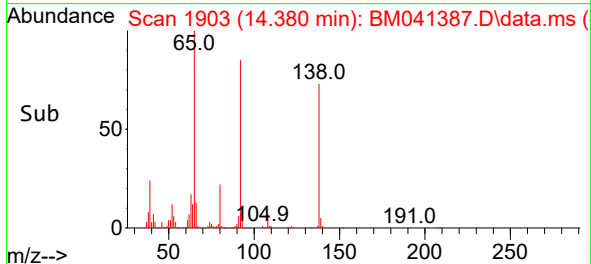
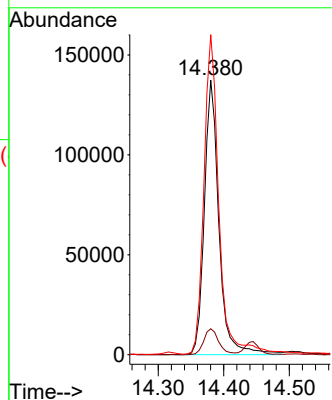
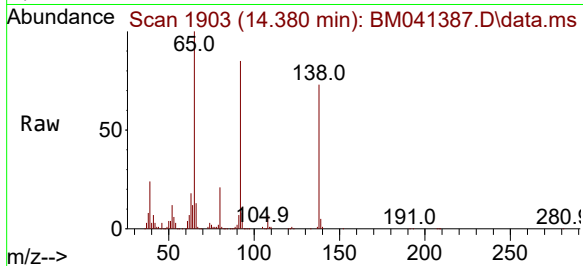




#53
3-Nitroaniline
Concen: 31.796 ng
RT: 14.380 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

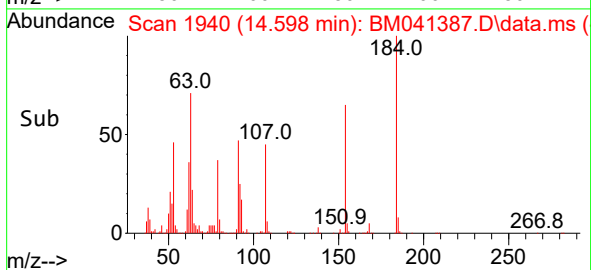
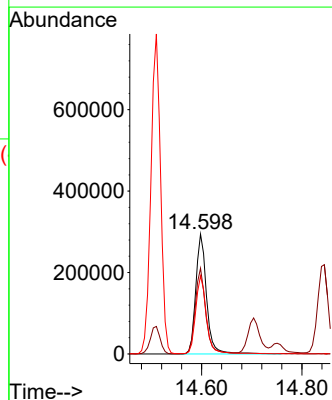
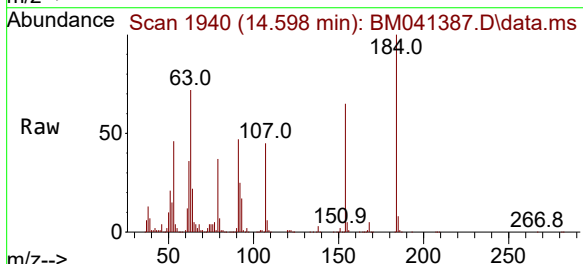
Instrument :
BNA_M
ClientSampleId :
WC-15MS

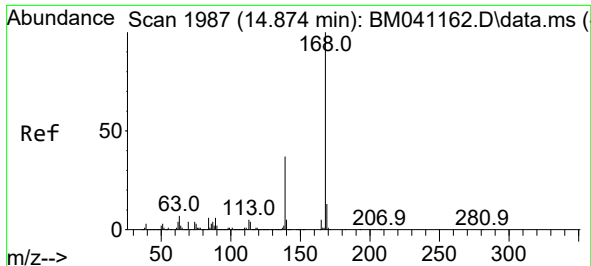
Tgt Ion:138 Resp: 212846
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 116.5 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 107.237 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:184 Resp: 440019
Ion Ratio Lower Upper
184 100
63 71.5 66.5 99.7
154 65.2 52.8 79.2

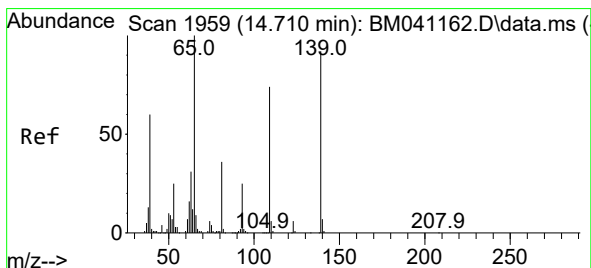
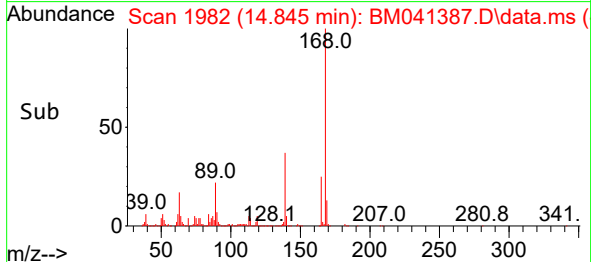
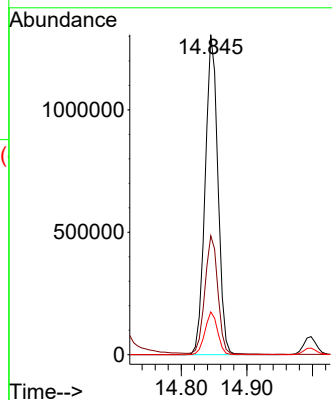
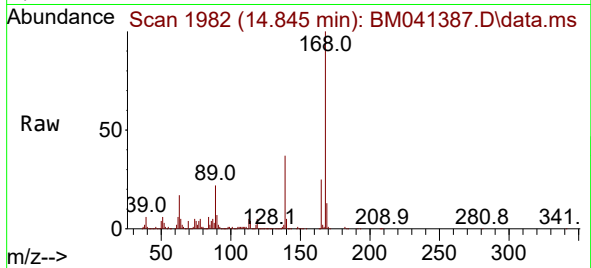




#55
Dibenzenofuran
Concen: 48.280 ng
RT: 14.845 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

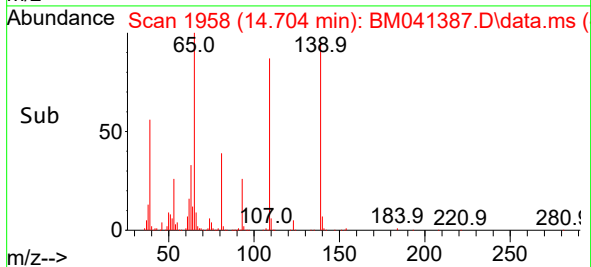
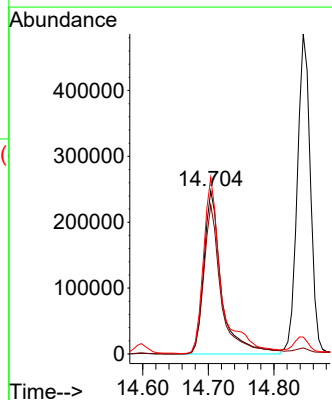
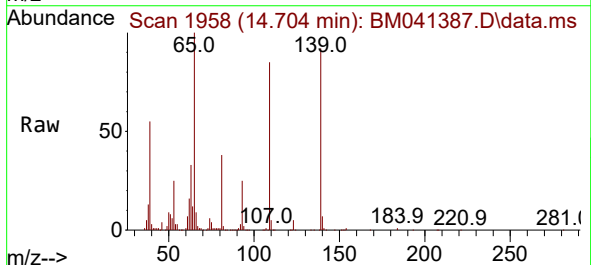
Instrument :
BNA_M
ClientSampleId :
WC-15MS

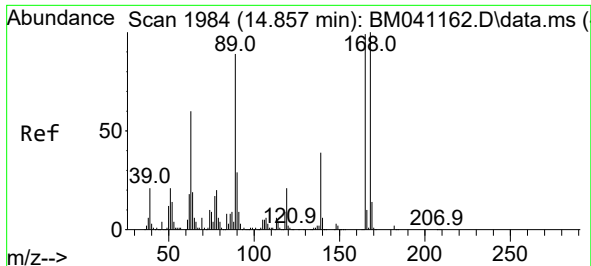
Tgt Ion:168 Resp: 1772067
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 93.535 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:139 Resp: 464382
Ion Ratio Lower Upper
139 100
109 91.4 61.2 101.2
65 108.2 89.5 129.5

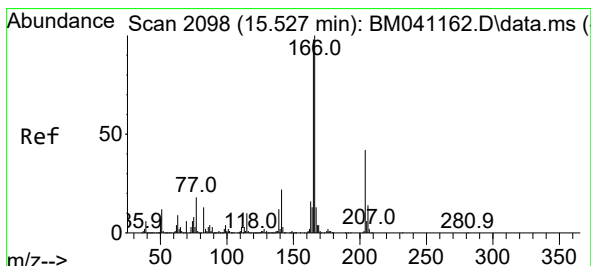
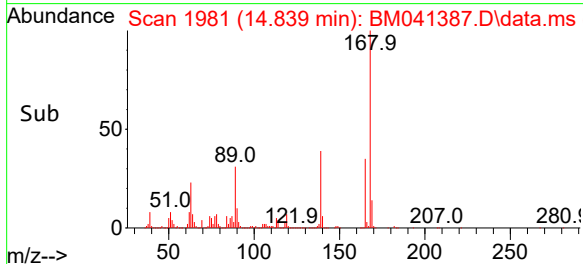
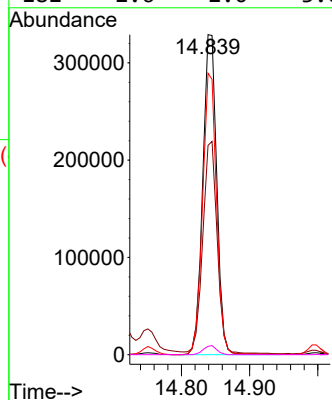
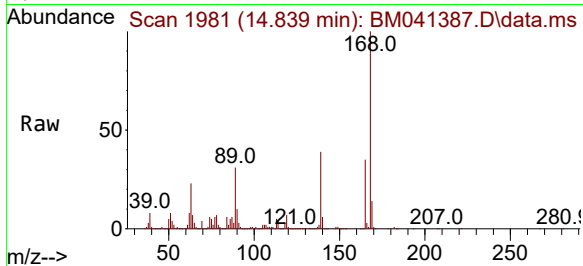




#57
2,4-Dinitrotoluene
Concen: 54.864 ng
RT: 14.839 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

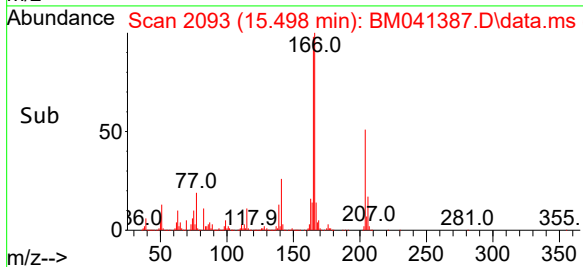
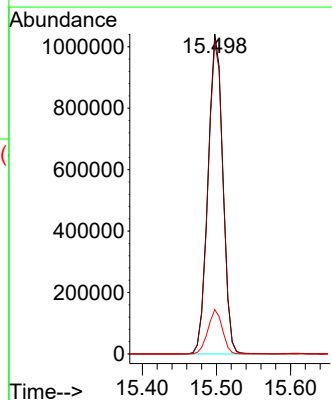
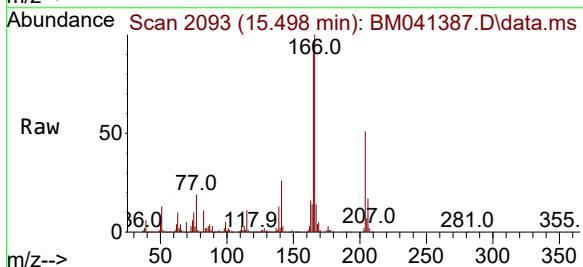
Instrument :
BNA_M
ClientSampleId :
WC-15MS

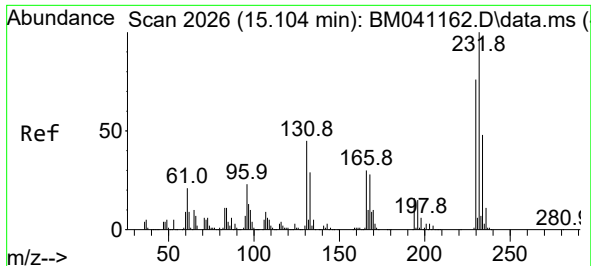
Tgt Ion:165 Resp: 470174
Ion Ratio Lower Upper
165 100
63 65.4 48.3 72.5
89 87.9 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 50.118 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:166 Resp: 1451207
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.8 10.6 16.0

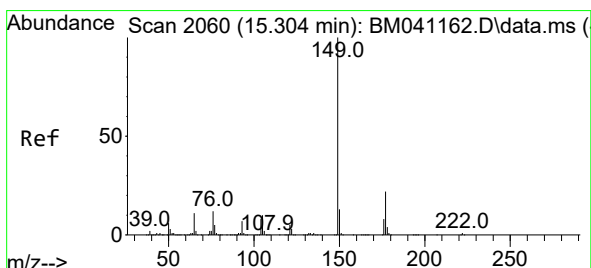
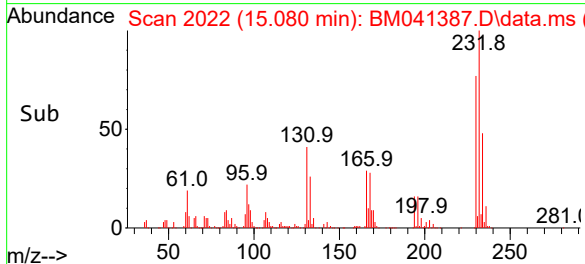
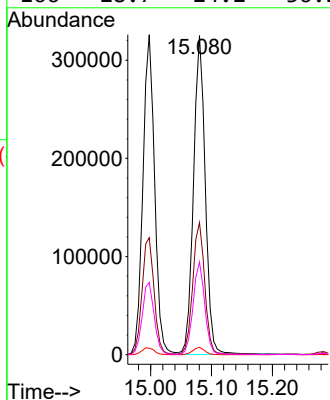
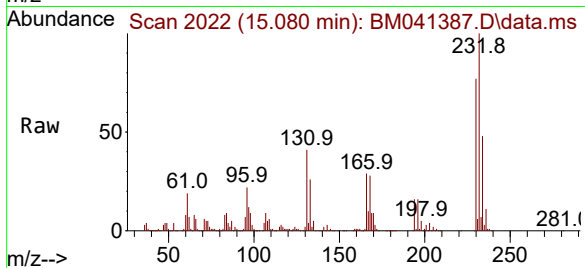




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.560 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

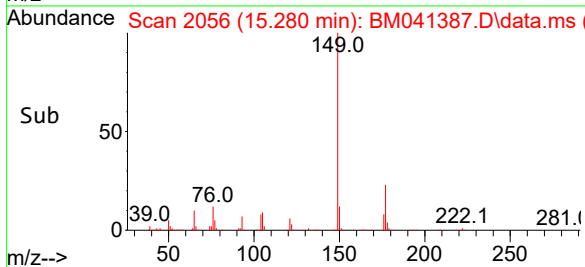
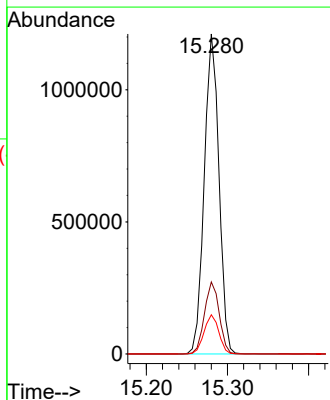
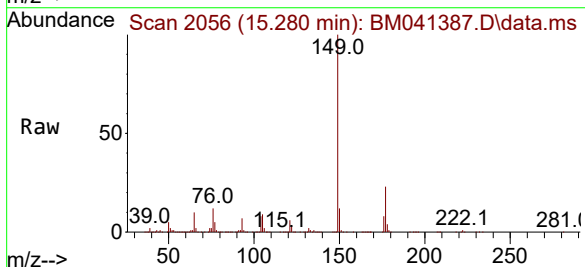
Instrument :
BNA_M
ClientSampleId :
WC-15MS

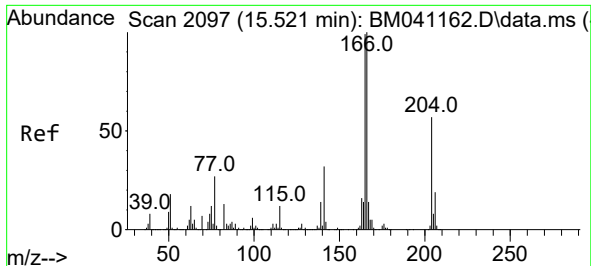
Tgt Ion:232 Resp: 436593
Ion Ratio Lower Upper
232 100
131 42.4 36.9 55.3
130 2.3 2.0 3.0
166 28.7 24.2 36.2



#60
Diethylphthalate
Concen: 54.603 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:149 Resp: 1518135
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.2 10.1 15.1

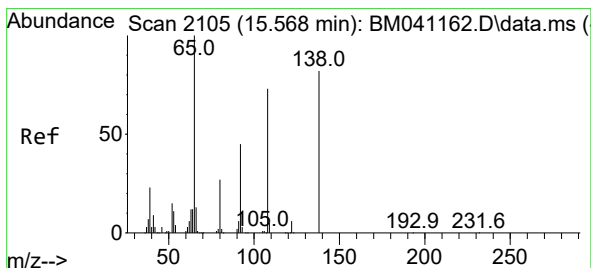
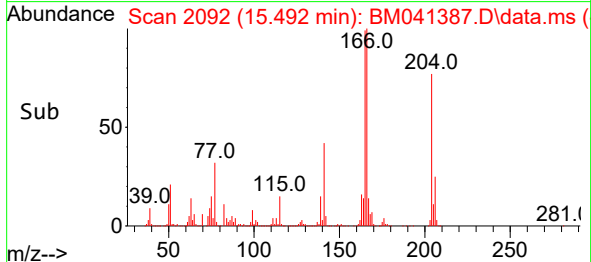
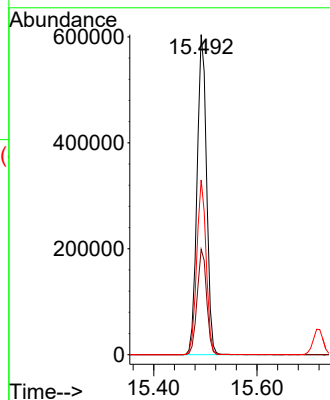
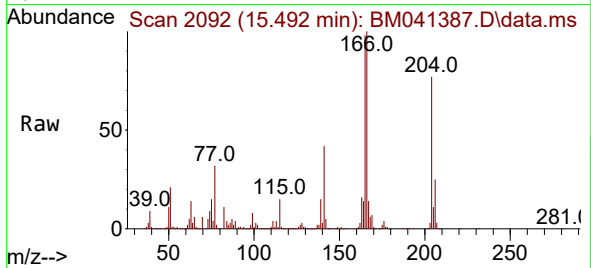




#61
4-Chlorophenyl-phenylether
Concen: 53.218 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

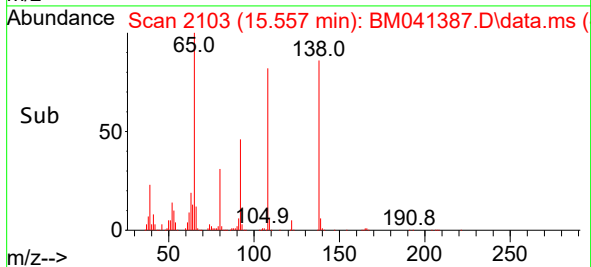
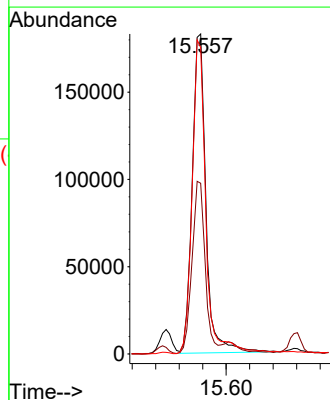
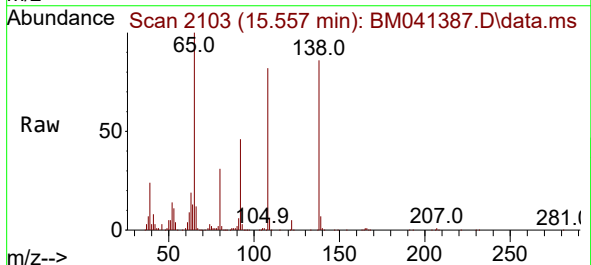
Instrument :
BNA_M
ClientSampleId :
WC-15MS

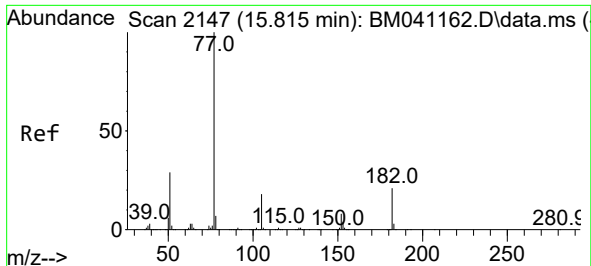
Tgt Ion:204 Resp: 772188
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.6 44.8 67.2



#62
4-Nitroaniline
Concen: 46.669 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:138 Resp: 295719
Ion Ratio Lower Upper
138 100
92 53.4 35.1 75.1
108 95.8 67.8 107.8



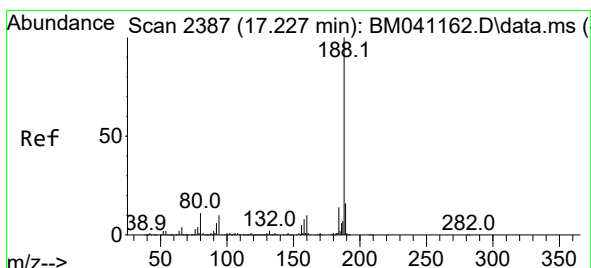
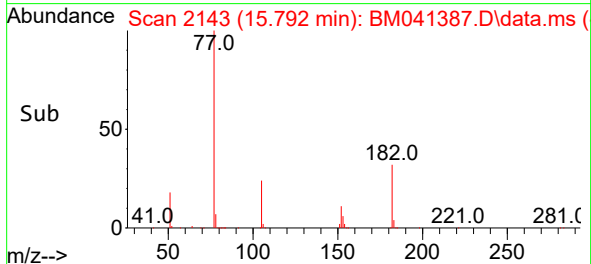
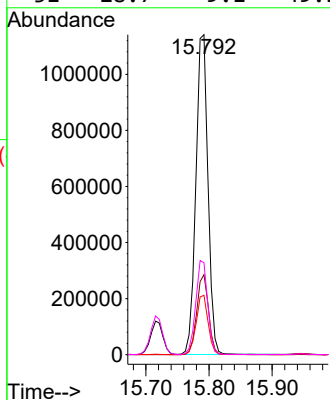
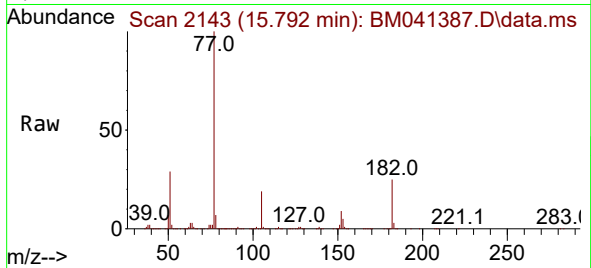


#63
Azobenzene
Concen: 49.611 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Instrument :
BNA_M
ClientSampleId :
WC-15MS

Tgt Ion: 77 Resp: 1510915

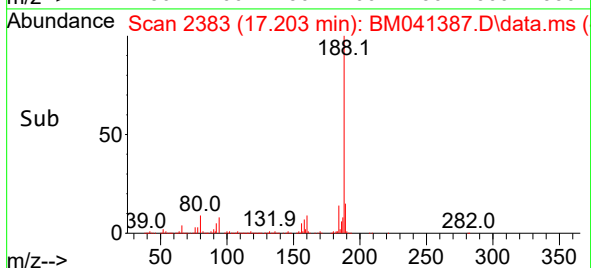
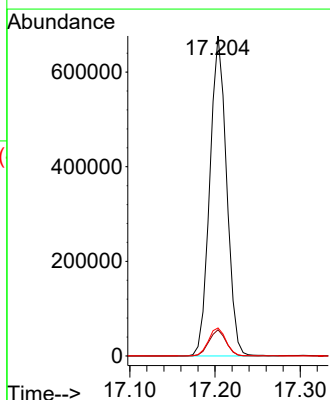
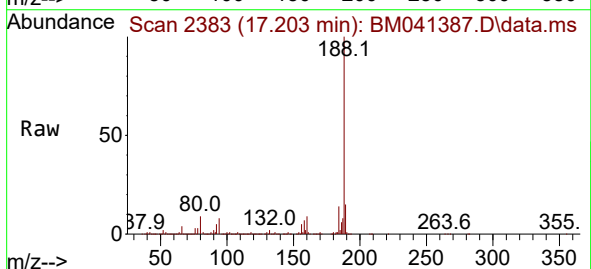
Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.3	41.3
105	18.6	0.0	38.5
51	28.7	9.1	49.1

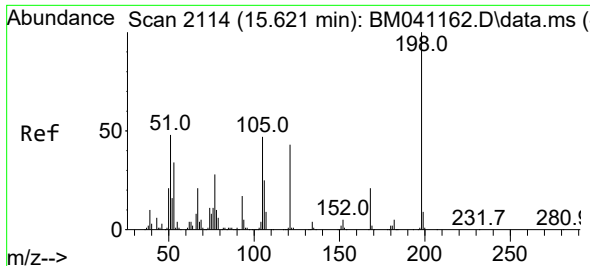


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion: 188 Resp: 926864

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.6	13.0

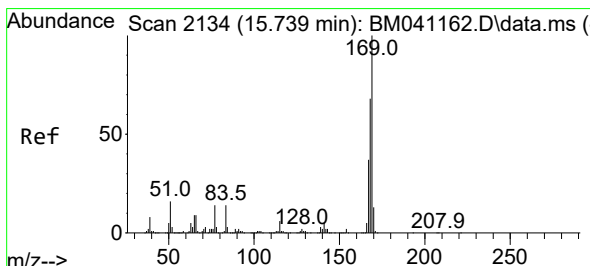
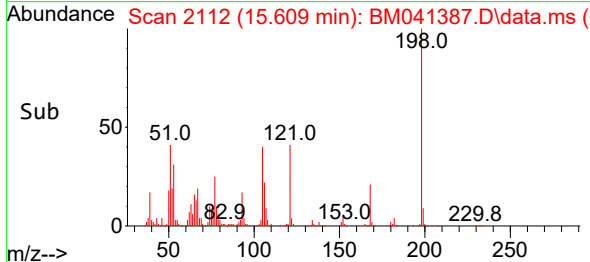
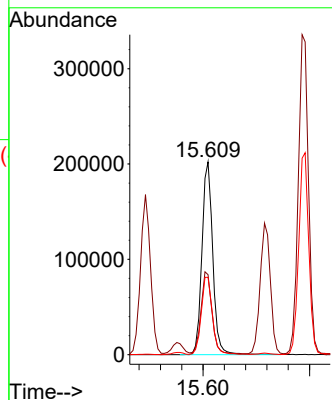
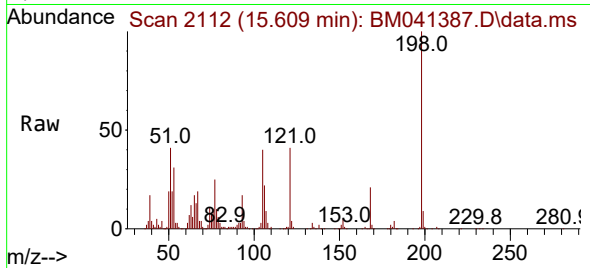




#65
4,6-Dinitro-2-methylphenol
Concen: 50.730 ng
RT: 15.609 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

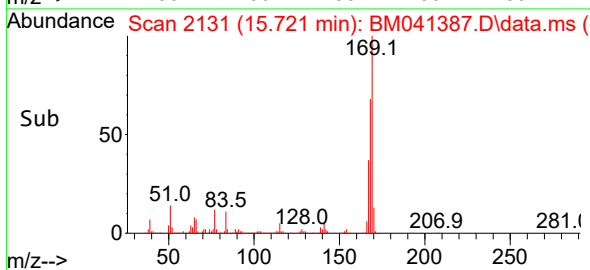
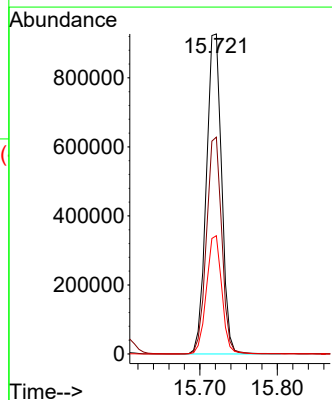
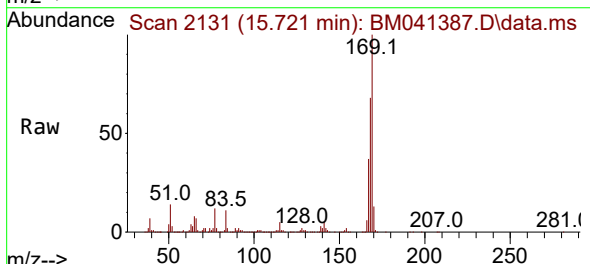
Instrument :
BNA_M
ClientSampleId :
WC-15MS

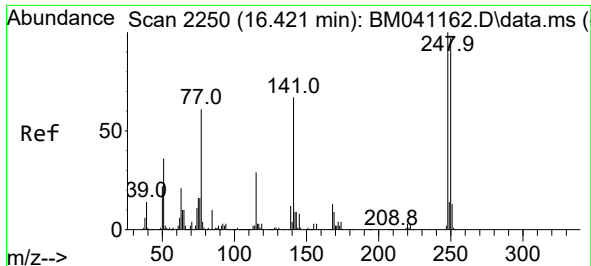
Tgt Ion:198 Resp: 284841
Ion Ratio Lower Upper
198 100
51 41.5 31.7 71.7
105 40.1 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.085 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:169 Resp: 1270801
Ion Ratio Lower Upper
169 100
168 67.8 54.6 81.8
167 36.9 29.9 44.9

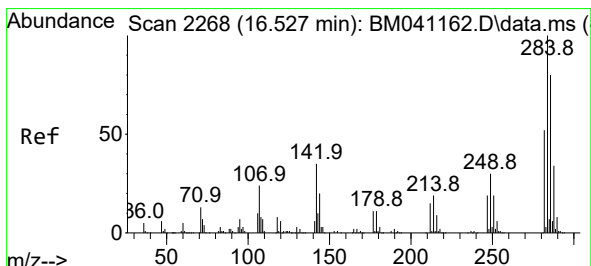
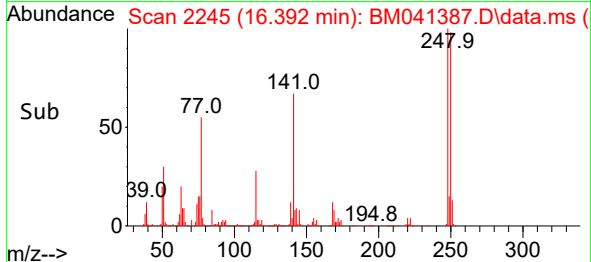
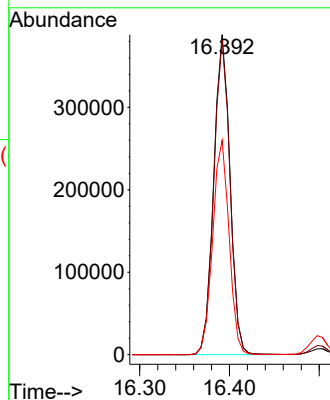
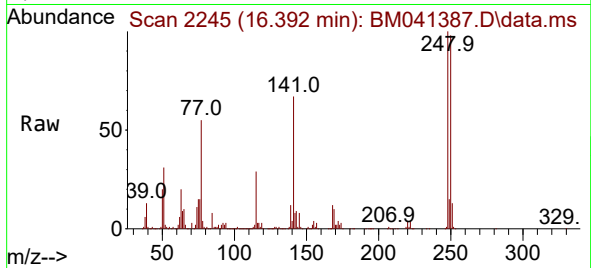




#67
4-Bromophenyl-phenylether
Concen: 48.199 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

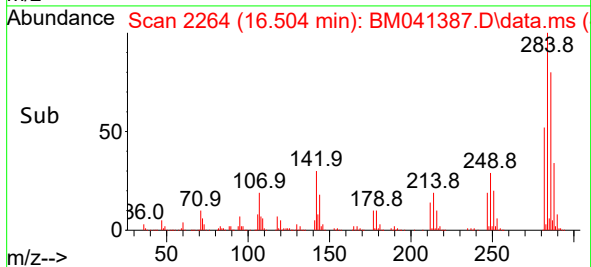
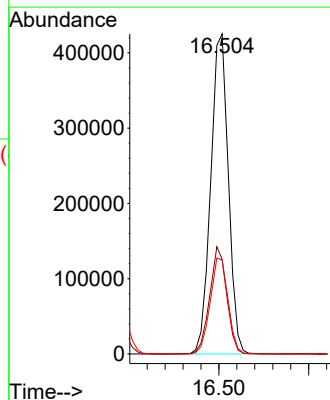
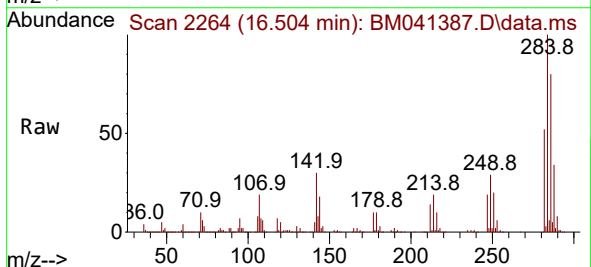
Instrument :
BNA_M
ClientSampleId :
WC-15MS

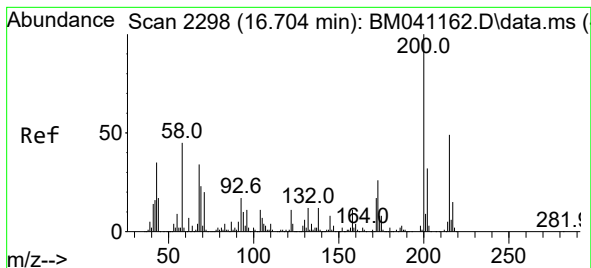
Tgt Ion:248 Resp: 489813
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 67.0 53.8 80.8



#68
Hexachlorobenzene
Concen: 51.244 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:284 Resp: 579059
Ion Ratio Lower Upper
284 100
142 29.6 28.0 42.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 66.552 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

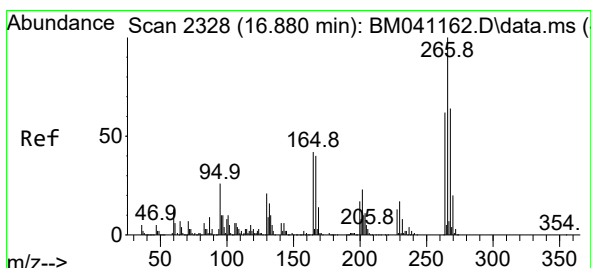
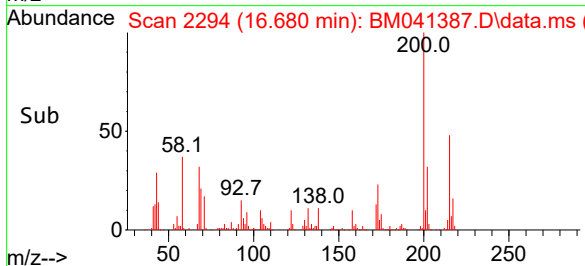
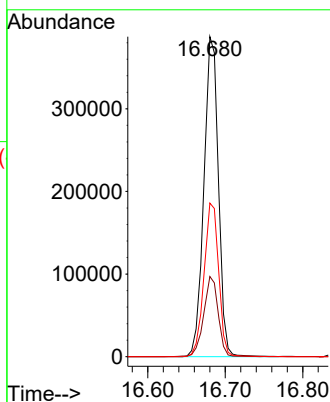
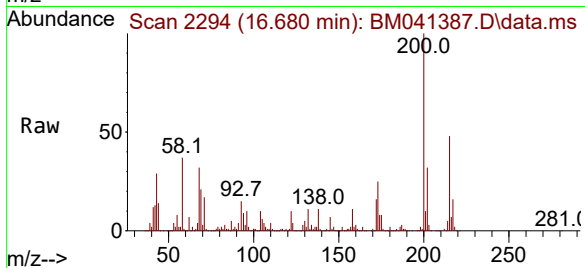
Tgt Ion:200 Resp: 503812

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 48.0 28.5 68.5



#70

Pentachlorophenol

Concen: 90.760 ng

RT: 16.856 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

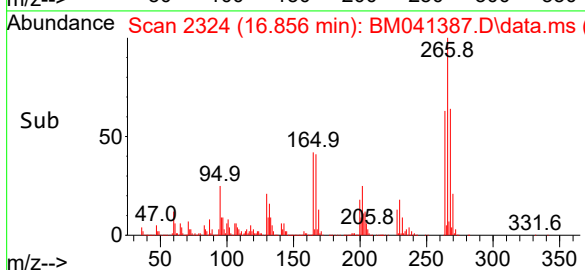
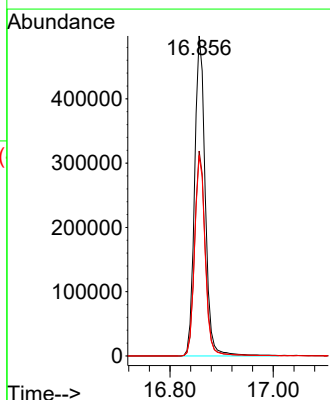
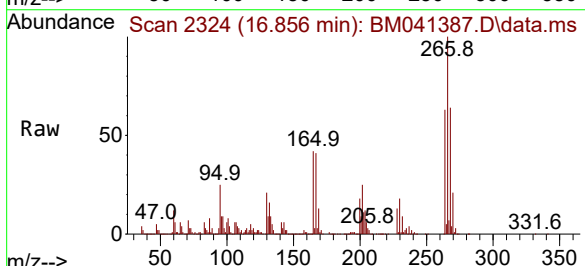
Tgt Ion:266 Resp: 710181

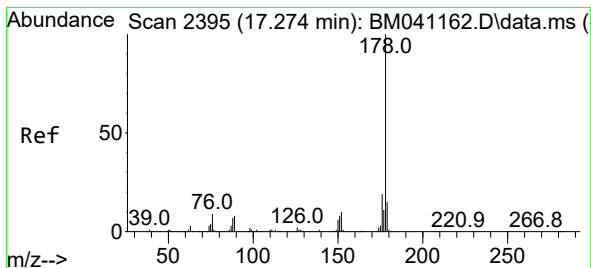
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 62.7 49.4 74.2





#71

Phenanthrene

Concen: 46.104 ng

RT: 17.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

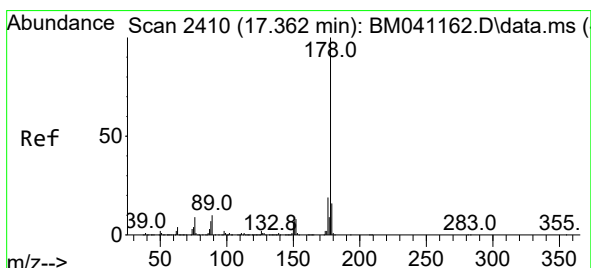
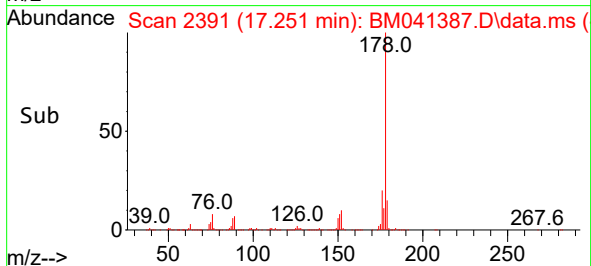
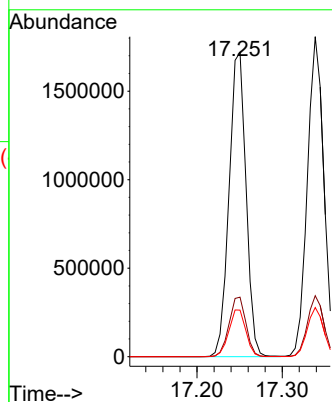
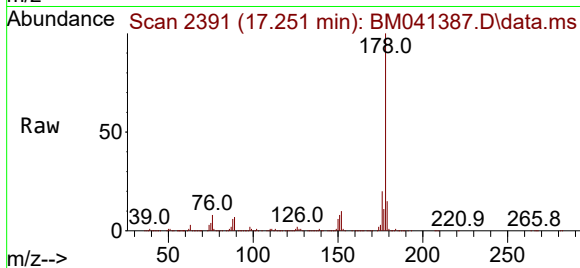
Tgt Ion:178 Resp: 2374219

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 47.818 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

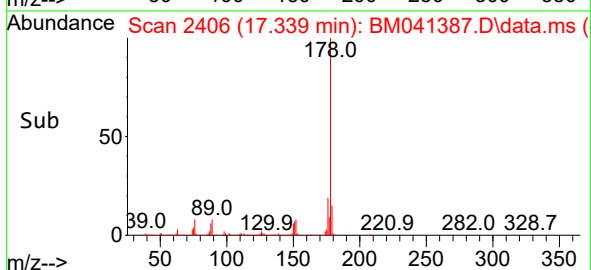
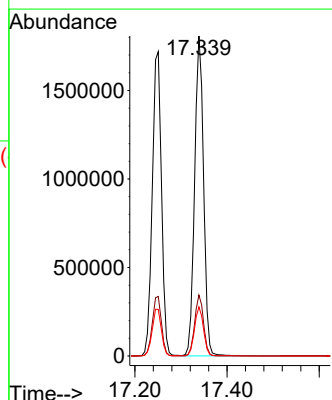
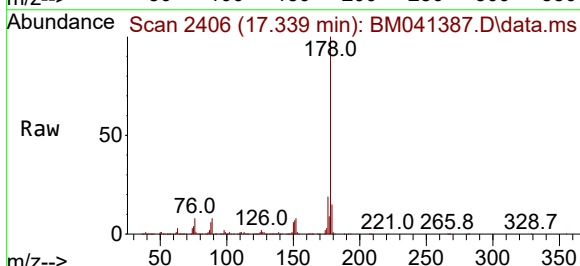
Tgt Ion:178 Resp: 2435454

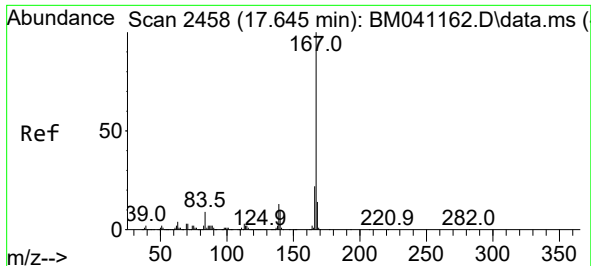
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.3 12.4 18.6

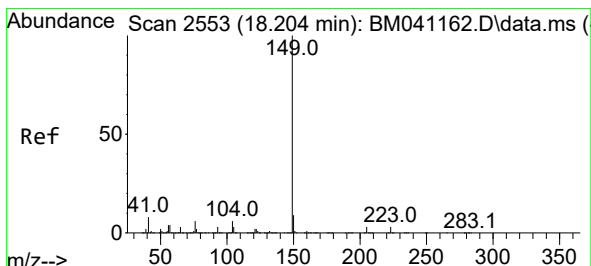
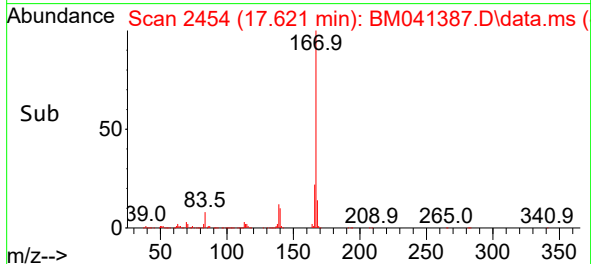
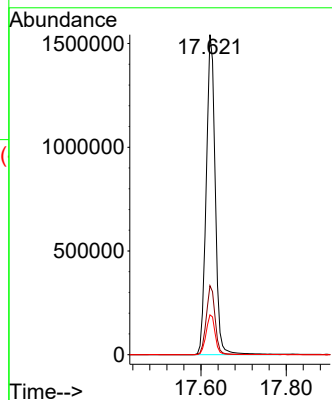
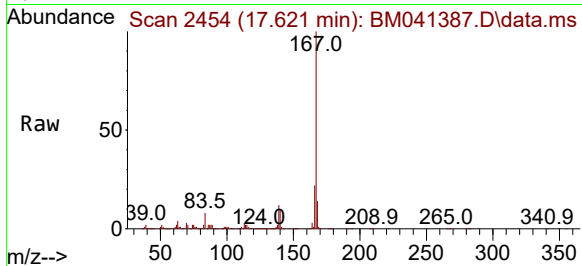




#73
 Carbazole
 Concen: 48.869 ng
 RT: 17.621 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

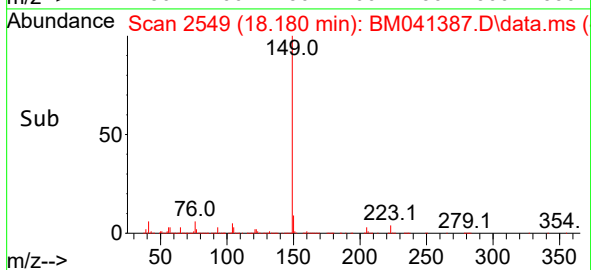
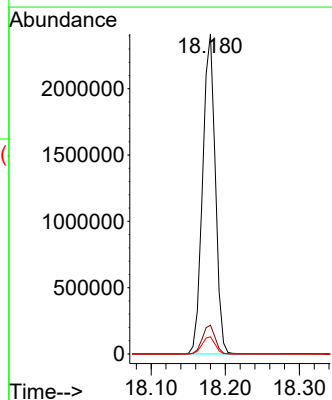
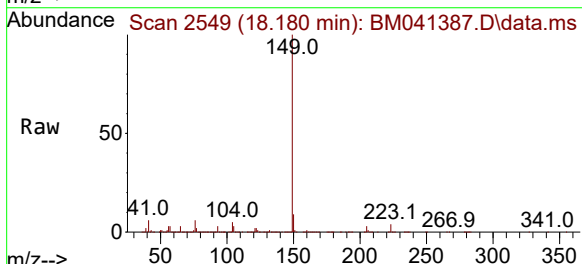
Instrument :
 BNA_M
 ClientSampleId :
 WC-15MS

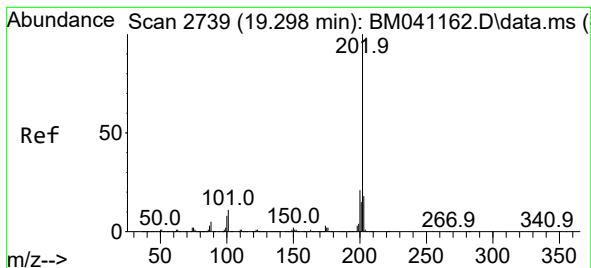
Tgt Ion:167 Resp: 2252787
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 54.982 ng
 RT: 18.180 min Scan# 2549
 Delta R.T. -0.000 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

Tgt Ion:149 Resp: 2864108
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 52.492 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

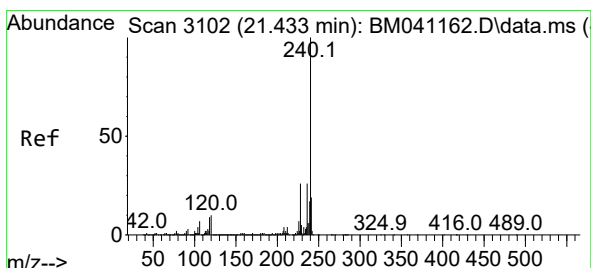
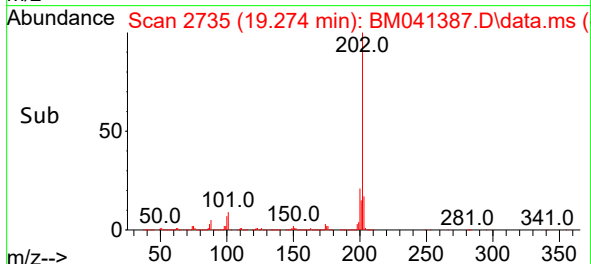
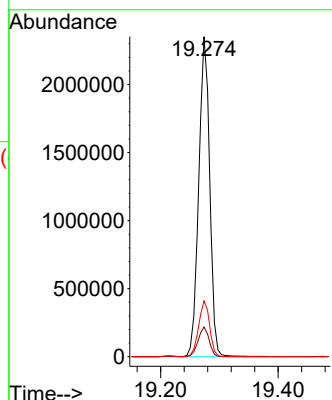
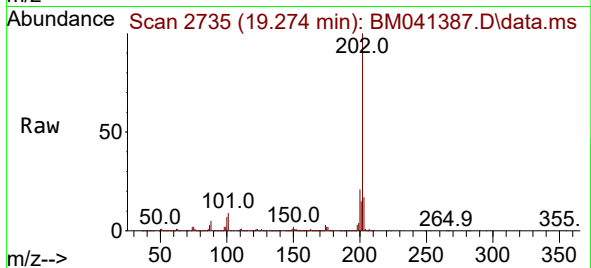
Tgt Ion:202 Resp: 3036944

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.8

203 17.4 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: BM041387.D

Acq: 11 Aug 2023 15:00

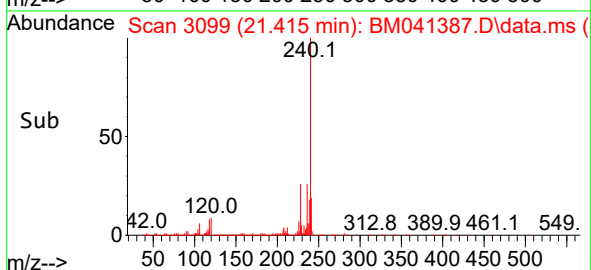
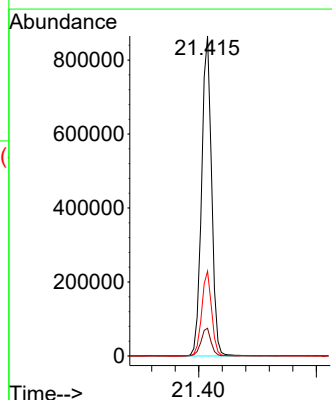
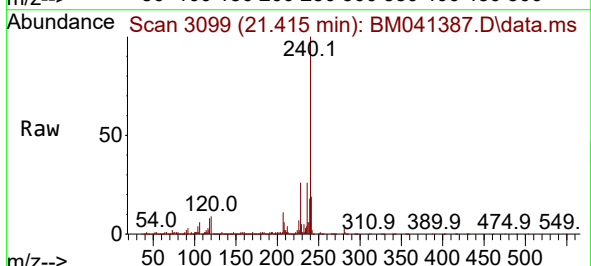
Tgt Ion:240 Resp: 1022018

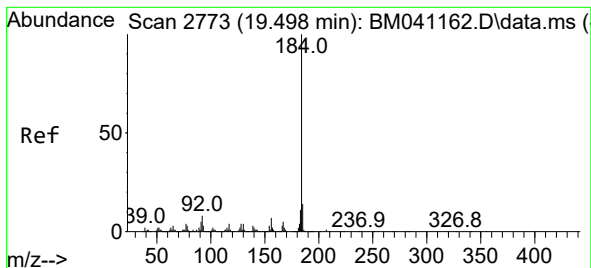
Ion Ratio Lower Upper

240 100

120 8.7 8.3 12.5

236 26.5 20.6 30.8





#77

Benzidine

Concen: 32.585 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

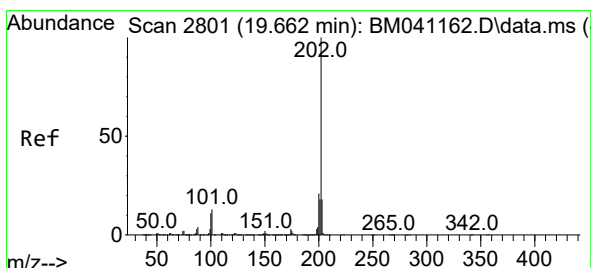
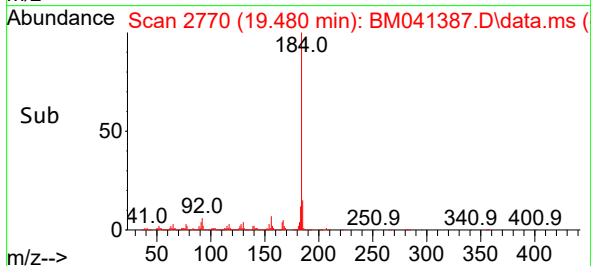
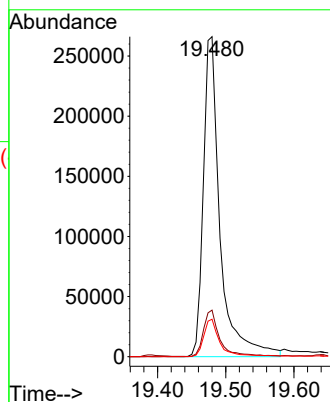
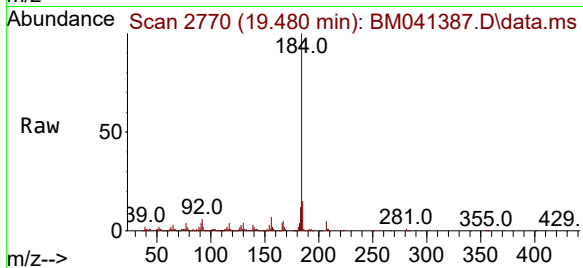
Tgt Ion:184 Resp: 453903

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

183 11.7 9.2 13.8



#78

Pyrene

Concen: 44.968 ng

RT: 19.639 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

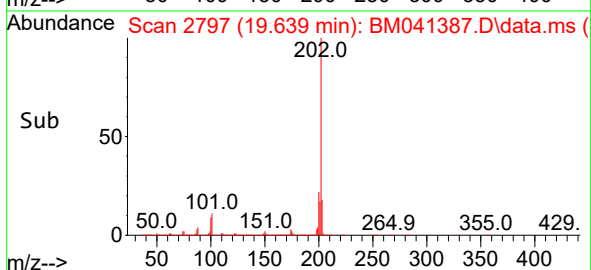
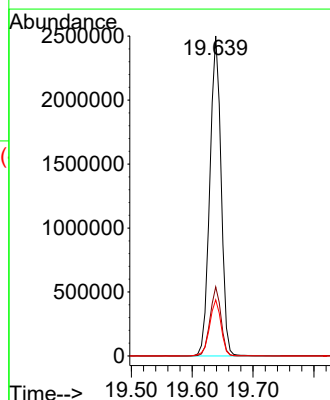
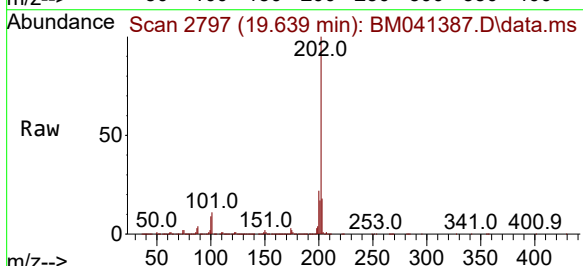
Tgt Ion:202 Resp: 3213945

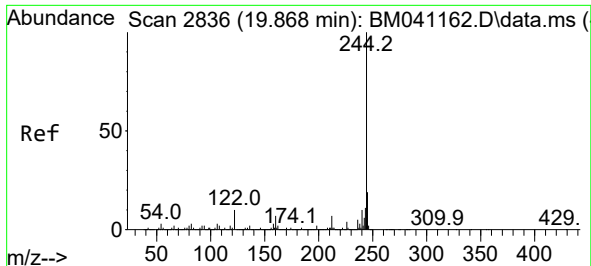
Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 17.6 14.1 21.1

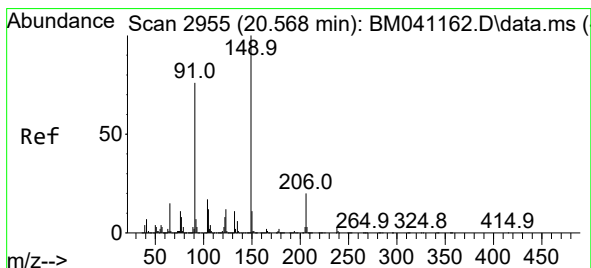
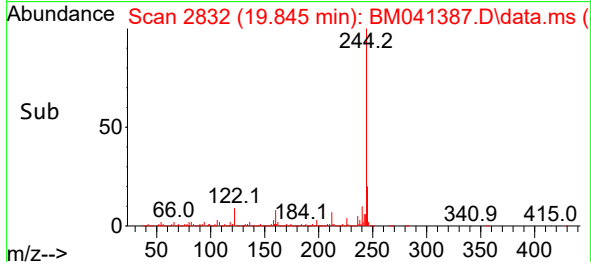
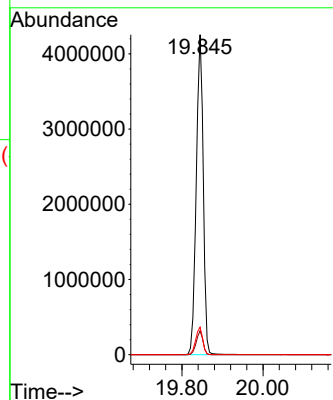
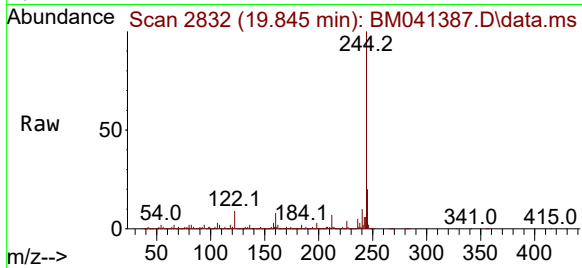




#79
 Terphenyl-d14
 Concen: 90.691 ng
 RT: 19.845 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

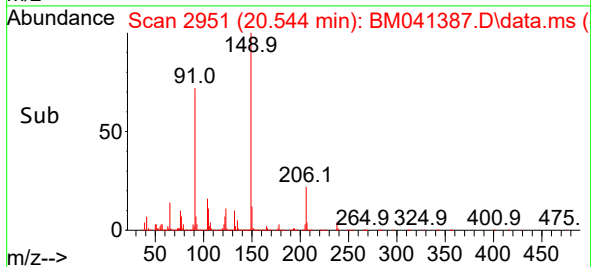
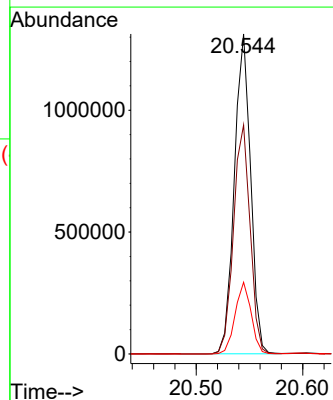
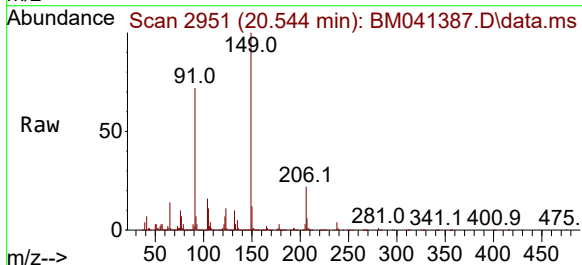
Instrument :
 BNA_M
 ClientSampleId :
 WC-15MS

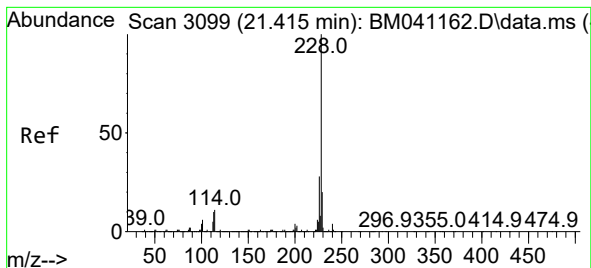
Tgt Ion:244 Resp: 5126363
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.6 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 53.382 ng
 RT: 20.544 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BM041387.D
 Acq: 11 Aug 2023 15:00

Tgt Ion:149 Resp: 1393273
 Ion Ratio Lower Upper
 149 100
 91 71.5 60.8 91.2
 206 22.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.634 ng

RT: 21.397 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

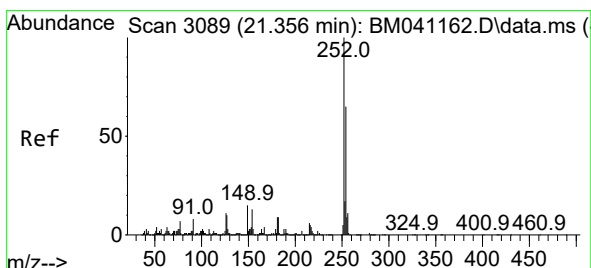
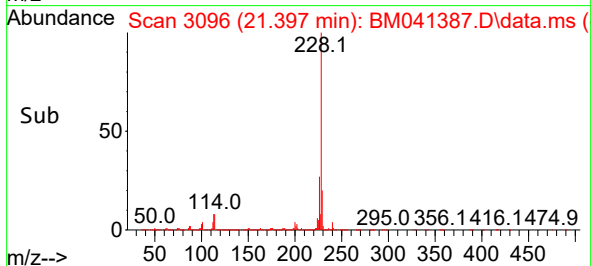
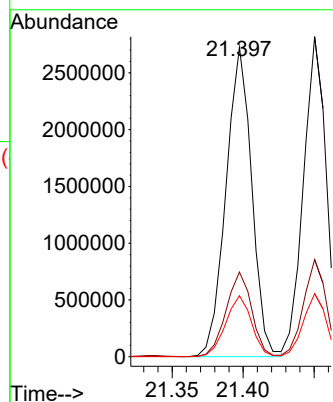
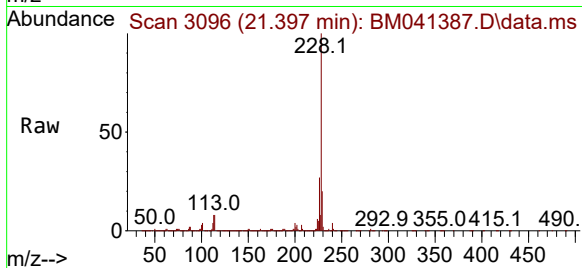
Tgt Ion:228 Resp: 3438868

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.052 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

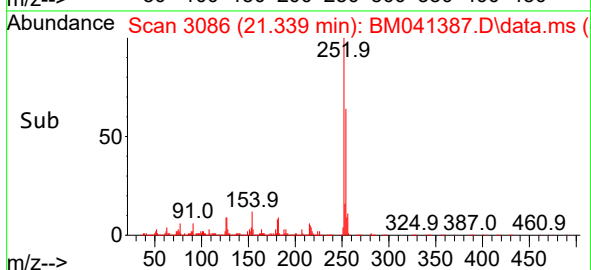
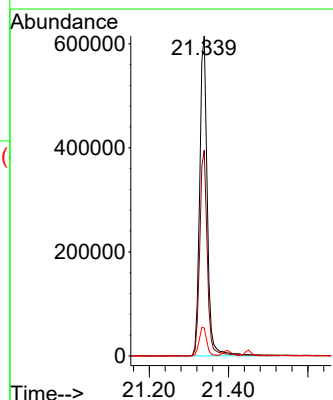
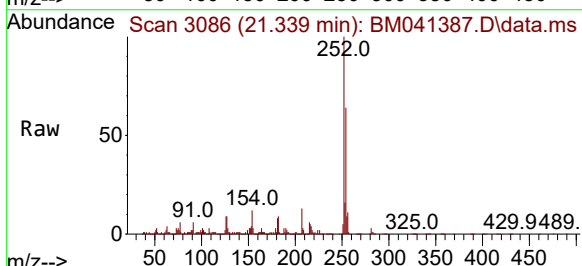
Tgt Ion:252 Resp: 815073

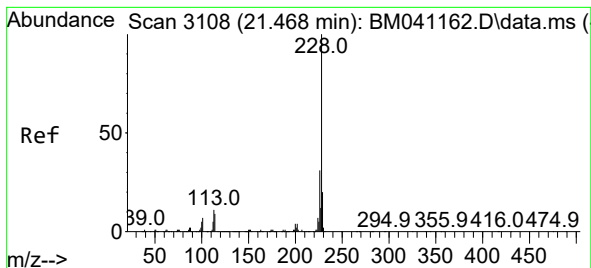
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 8.8 8.6 13.0





#83

Chrysene

Concen: 47.449 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

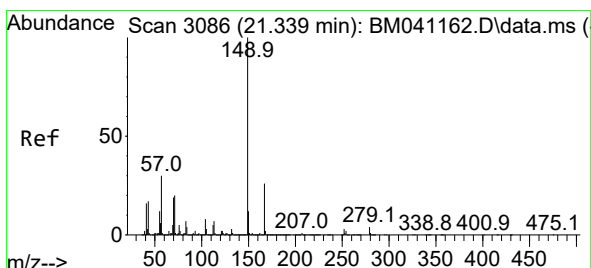
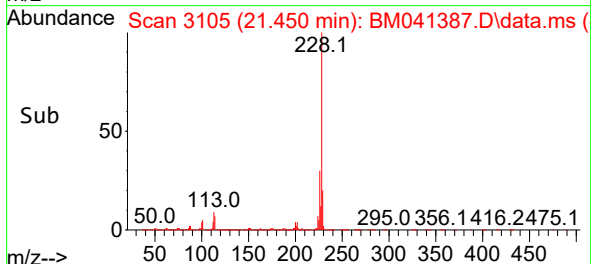
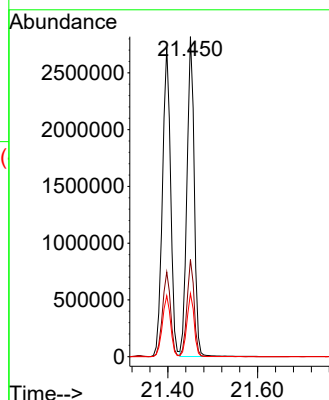
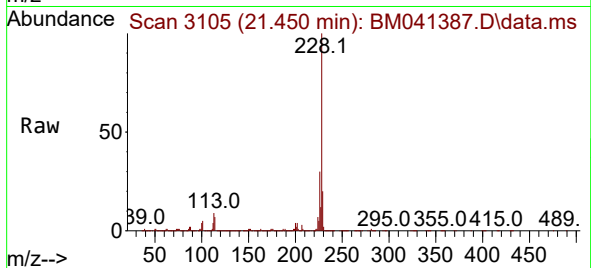
Tgt Ion:228 Resp: 3179815

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.639 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

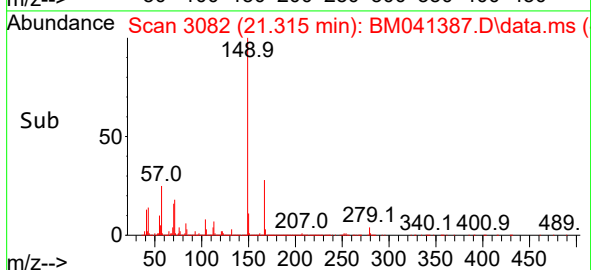
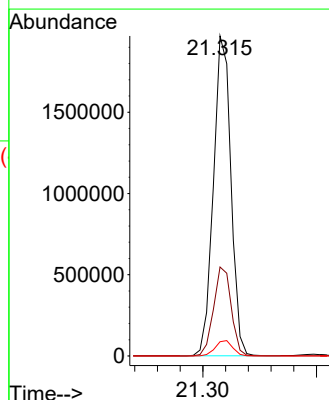
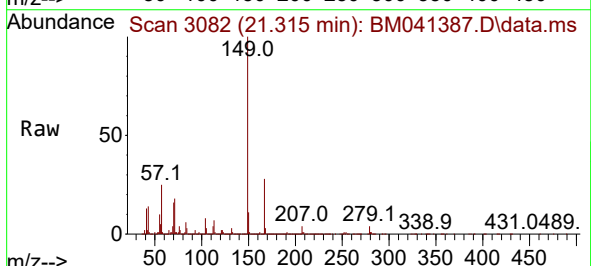
Tgt Ion:149 Resp: 2105022

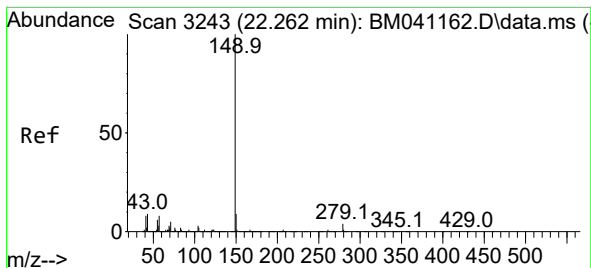
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.231 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

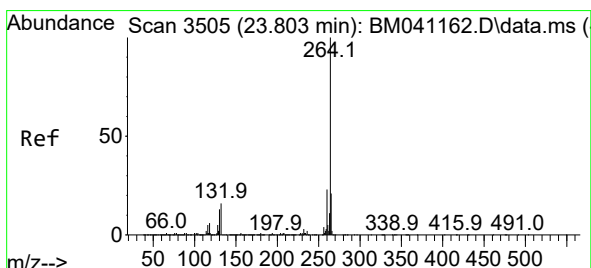
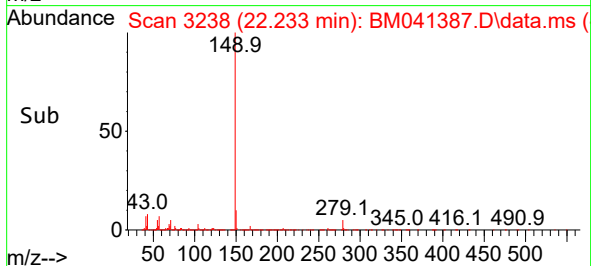
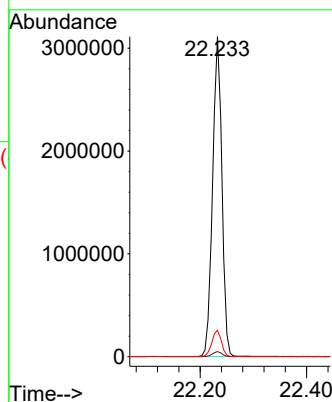
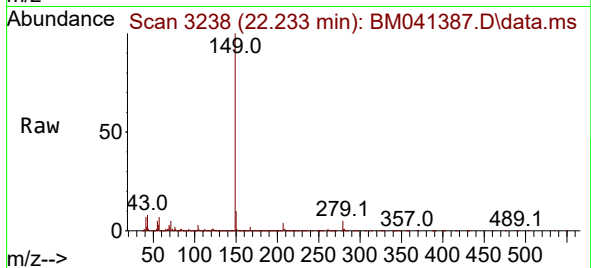
Tgt Ion:149 Resp: 3775164

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.4 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: BM041387.D

Acq: 11 Aug 2023 15:00

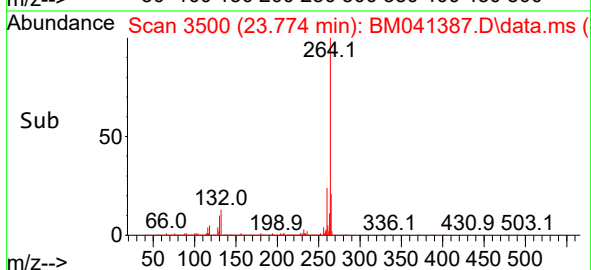
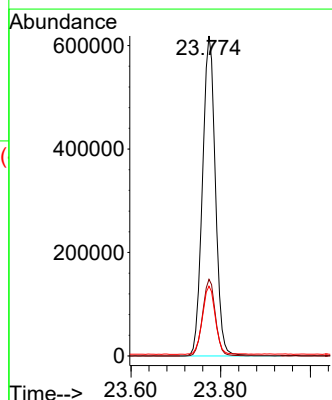
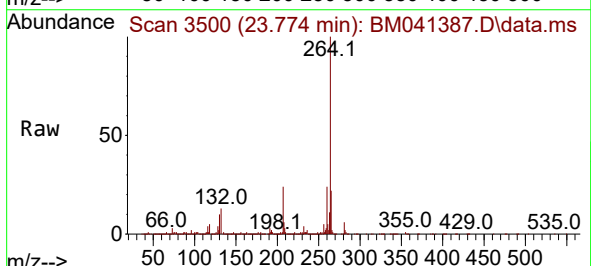
Tgt Ion:264 Resp: 1235094

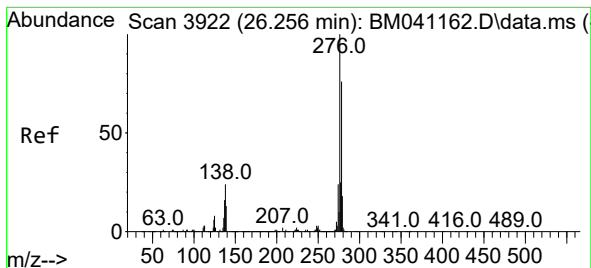
Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.921 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

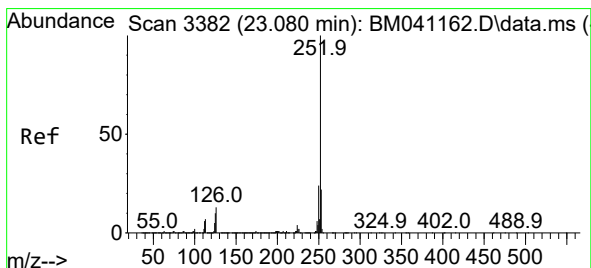
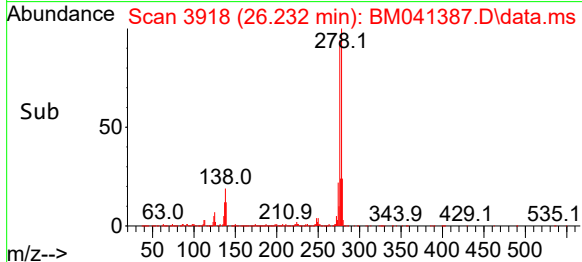
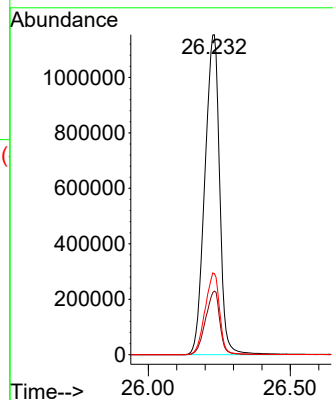
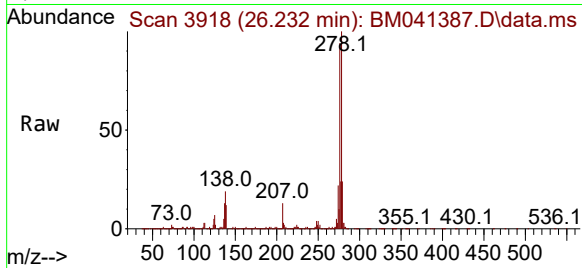
Tgt Ion:276 Resp: 4169882

Ion Ratio Lower Upper

276 100

138 19.2 20.0 30.0#

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.125 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

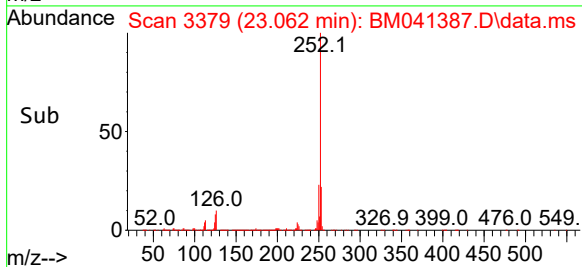
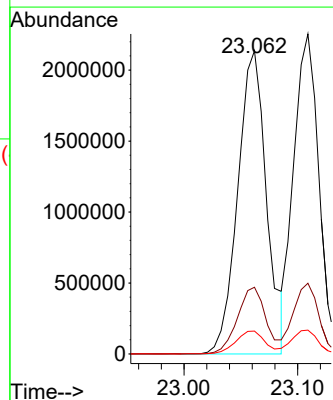
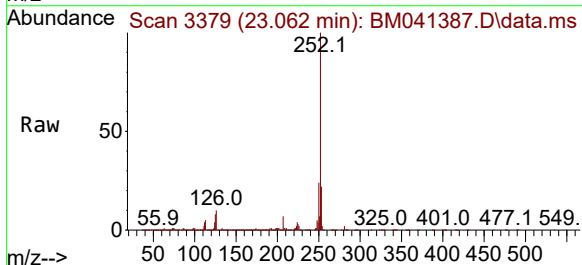
Tgt Ion:252 Resp: 3751164

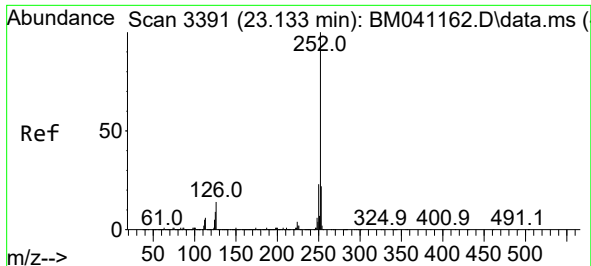
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.5 8.2 12.4#

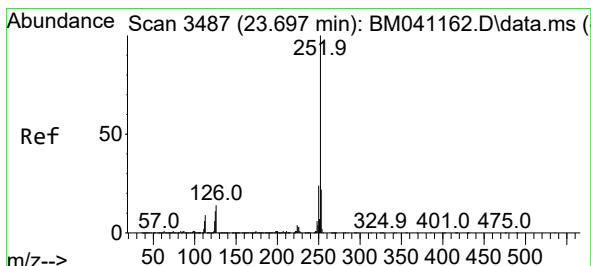
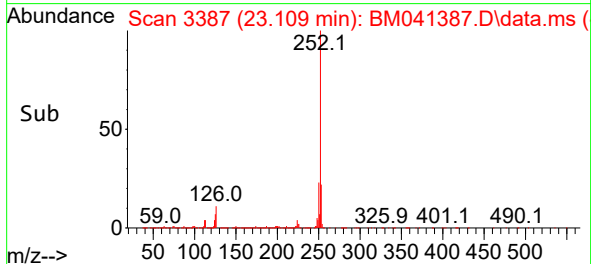
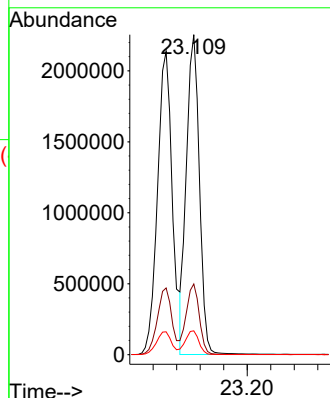
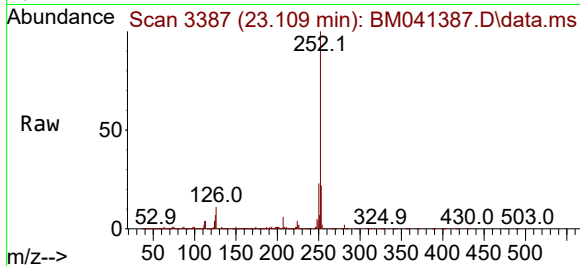




#89
Benzo(k)fluoranthene
Concen: 46.111 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

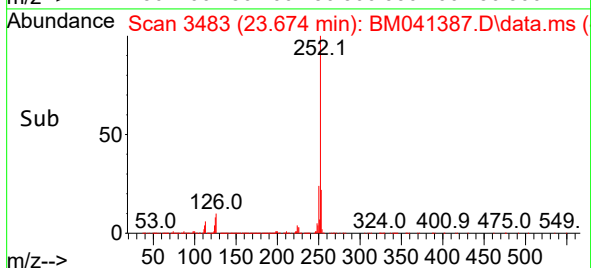
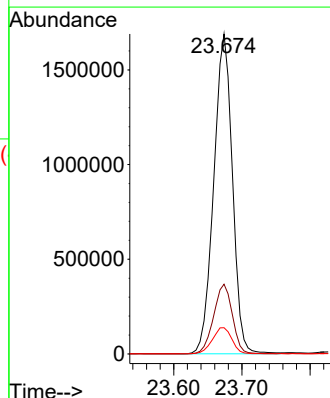
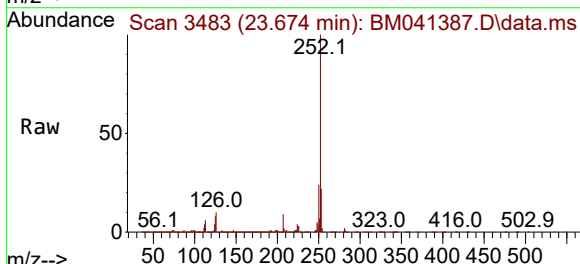
Instrument :
BNA_M
ClientSampleId :
WC-15MS

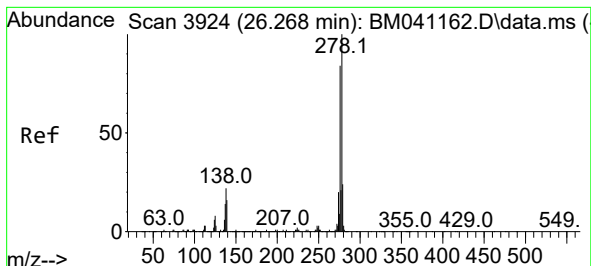
Tgt Ion:252 Resp: 3460767
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.5 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 45.653 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041387.D
Acq: 11 Aug 2023 15:00

Tgt Ion:252 Resp: 3218541
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.2 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 46.639 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Instrument :

BNA_M

ClientSampleId :

WC-15MS

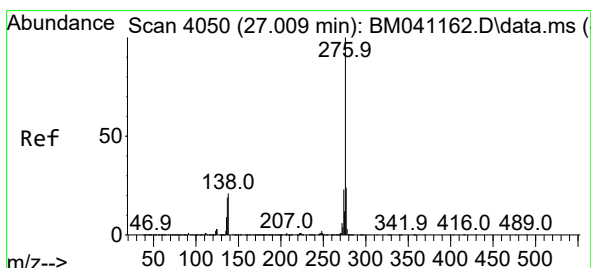
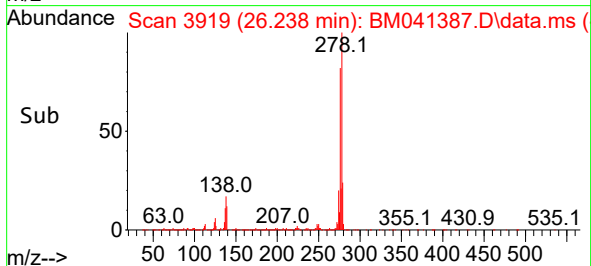
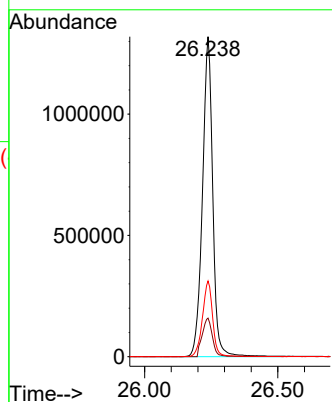
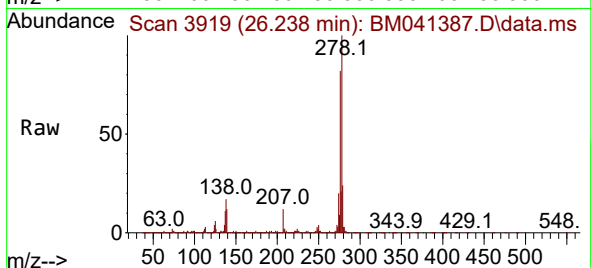
Tgt Ion:278 Resp: 3532422

Ion Ratio Lower Upper

278 100

139 12.0 12.7 19.1#

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.910 ng

RT: 26.979 min Scan# 4045

Delta R.T. -0.006 min

Lab File: BM041387.D

Acq: 11 Aug 2023 15:00

Tgt Ion:276 Resp: 3254190

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 16.5 17.1 25.7#

