

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041177.D
 Acq On : 28 Jul 2023 22:16
 Operator : MA/JU
 Sample : PB154118BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

Quant Time: Jul 29 01:20:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	138745	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	516902	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	270737	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	544222	20.000	ng	0.00
76) Chrysene-d12	21.427	240	558891	20.000	ng	0.00
86) Perylene-d12	23.797	264	646890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1480446	159.476	ng	0.00
7) Phenol-d6	6.987	99	1804716	149.978	ng	0.00
23) Nitrobenzene-d5	8.981	82	1136068	102.210	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	638071	166.623	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2250709	105.017	ng	0.00
79) Terphenyl-d14	19.862	244	3434503	111.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	145051	36.525	ng	97
3) Pyridine	3.669	79	400351	38.341	ng	99
4) n-Nitrosodimethylamine	3.587	42	213359	44.180	ng	92
6) Aniline	7.140	93	596996	42.393	ng	98
8) 2-Chlorophenol	7.369	128	461477	50.921	ng	99
9) Benzaldehyde	6.951	77	297680	46.883	ng	99
10) Phenol	7.010	94	582508	50.121	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	459785	48.873	ng	98
12) 1,3-Dichlorobenzene	7.693	146	515000	52.205	ng	98
13) 1,4-Dichlorobenzene	7.840	146	524114	52.859	ng	99
14) 1,2-Dichlorobenzene	8.157	146	499935	52.585	ng	99
15) Benzyl Alcohol	8.063	79	404616	53.245	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	595181	47.483	ng	99
17) 2-Methylphenol	8.263	107	372697	46.938	ng	99
18) Hexachloroethane	8.875	117	192978	52.278	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	352440	48.221	ng	97
20) 3+4-Methylphenols	8.592	107	495775	46.699	ng	98
22) Acetophenone	8.645	105	665122	48.585	ng	# 98
24) Nitrobenzene	9.028	77	522194	46.457	ng	99
25) Isophorone	9.551	82	909965	48.228	ng	99
26) 2-Nitrophenol	9.734	139	230588	52.476	ng	96
27) 2,4-Dimethylphenol	9.798	122	387079	50.060	ng	99
28) bis(2-Chloroethoxy)met...	10.034	93	556005	47.044	ng	98
29) 2,4-Dichlorophenol	10.269	162	393253	50.433	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	439432	51.007	ng	99
31) Naphthalene	10.663	128	1311247	46.747	ng	99
32) Benzoic acid	9.951	122	272027	47.015	ng	95
33) 4-Chloroaniline	10.792	127	330582	29.491	ng	98
34) Hexachlorobutadiene	10.933	225	271174	52.336	ng	99
35) Caprolactam	11.604	113	59870	26.542	ng	# 87
36) 4-Chloro-3-methylphenol	11.922	107	395143	48.146	ng	99
37) 2-Methylnaphthalene	12.280	142	854099	45.165	ng	100
38) 1-Methylnaphthalene	12.504	142	795215	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	449926	51.180	ng	99
41) Hexachlorocyclopentadiene	12.616	237	579489	124.597	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	297255	52.755	ng	99

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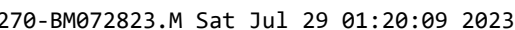
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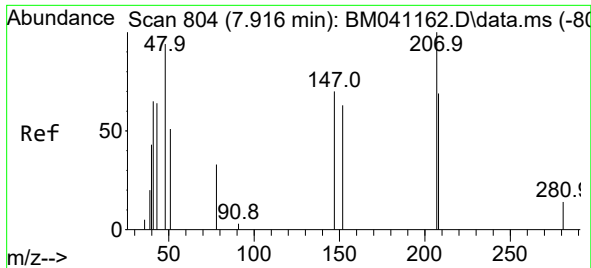
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	315367	48.357	ng	97
46) 1,1'-Biphenyl	13.298	154	1057061	48.161	ng	99
47) 2-Chloronaphthalene	13.345	162	817077	49.858	ng	99
48) 2-Nitroaniline	13.563	65	257167	49.161	ng	100
49) Acenaphthylene	14.192	152	1274165	48.169	ng	99
50) Dimethylphthalate	13.939	163	976406	47.945	ng	100
51) 2,6-Dinitrotoluene	14.063	165	211573	50.139	ng	99
52) Acenaphthene	14.533	154	755747	47.426	ng	99
53) 3-Nitroaniline	14.398	138	178430	37.157	ng	95
54) 2,4-Dinitrophenol	14.610	184	157023	56.920	ng	92
55) Dibenzofuran	14.874	168	1205906	46.382	ng	99
56) 4-Nitrophenol	14.716	139	416890	118.543	ng	96
57) 2,4-Dinitrotoluene	14.857	165	285661	47.438	ng	91
58) Fluorene	15.521	166	968226	47.206	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	274367	51.953	ng	98
60) Diethylphthalate	15.304	149	955811	48.532	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	492526	47.921	ng	97
62) 4-Nitroaniline	15.568	138	186523	42.011	ng	97
63) Azobenzene	15.816	77	995510	46.146	ng	96
65) 4,6-Dinitro-2-methylph...	15.621	198	109932	33.344	ng	94
66) n-Nitrosodiphenylamine	15.739	169	810392	47.879	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	294926	49.427	ng	99
68) Hexachlorobenzene	16.527	284	342726	51.654	ng	97
69) Atrazine	16.704	200	293612	66.055	ng	99
70) Pentachlorophenol	16.880	266	505128	109.943	ng	98
71) Phenanthrene	17.268	178	1458933	48.250	ng	100
72) Anthracene	17.362	178	1470550	49.174	ng	99
73) Carbazole	17.645	167	1393522	51.484	ng	100
74) Di-n-butylphthalate	18.204	149	1643135	53.721	ng	99
75) Fluoranthene	19.292	202	1772828	52.187	ng	100
77) Benzidine	19.498	184	1155534	151.692	ng	100
78) Pyrene	19.656	202	1872239	47.903	ng	99
80) Butylbenzylphthalate	20.562	149	792555	55.529	ng	98
81) Benzo(a)anthracene	21.415	228	1910523	50.425	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	746093	60.347	ng	99
83) Chrysene	21.462	228	1740085	47.482	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1197778	52.588	ng	# 97
85) Di-n-octyl phthalate	22.256	149	2064090	57.221	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2381810	50.080	ng	98
88) Benzo(b)fluoranthene	23.080	252	2035469	52.967	ng	98
89) Benzo(k)fluoranthene	23.127	252	1907285	48.520	ng	99
90) Benzo(a)pyrene	23.691	252	1747432	47.324	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	1995544	50.305	ng	99
92) Benzo(g,h,i)perylene	27.003	276	1915738	49.355	ng	99

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

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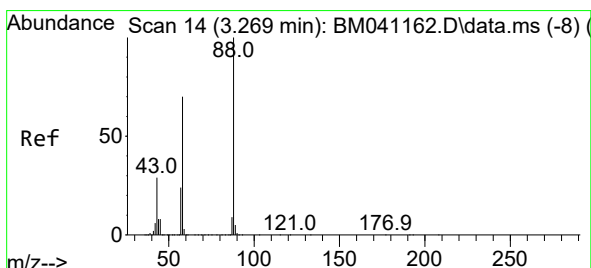
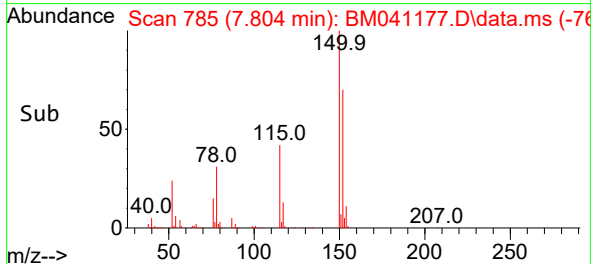
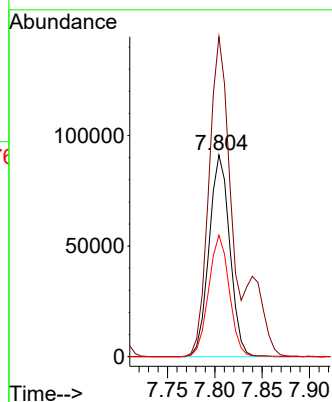
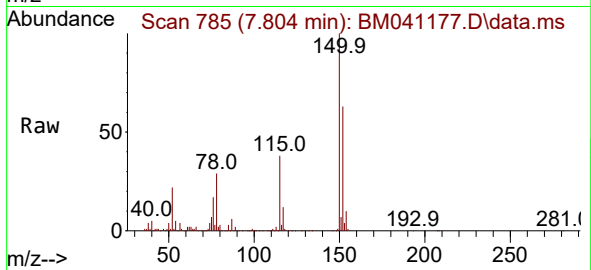




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041177.D
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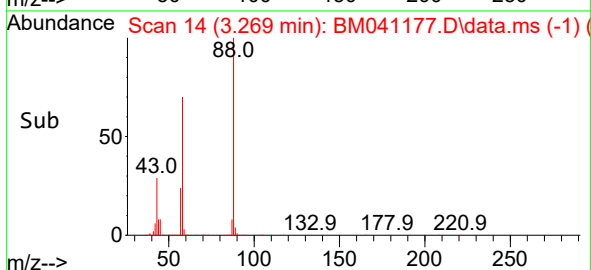
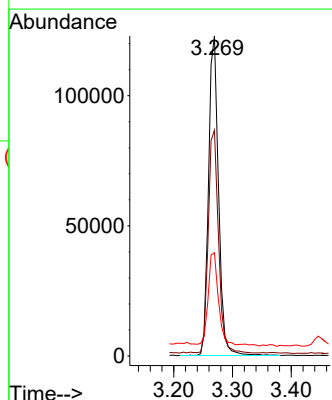
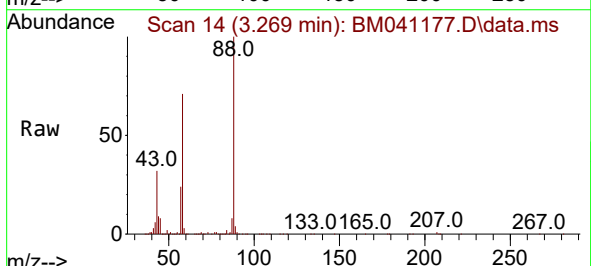
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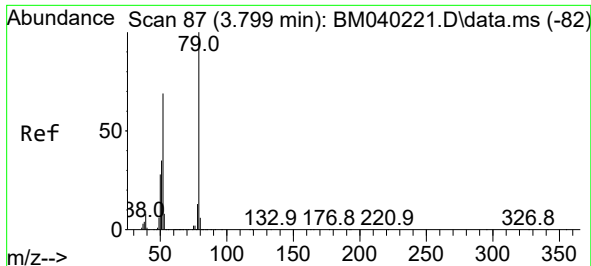
Tgt Ion:152 Resp: 138745
Ion Ratio Lower Upper
152 100
150 158.6 125.5 188.3
115 60.2 48.0 72.0



#2
1,4-Dioxane
Concen: 36.525 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 88 Resp: 145051
Ion Ratio Lower Upper
88 100
58 70.7 58.2 87.4
43 28.6 24.4 36.6

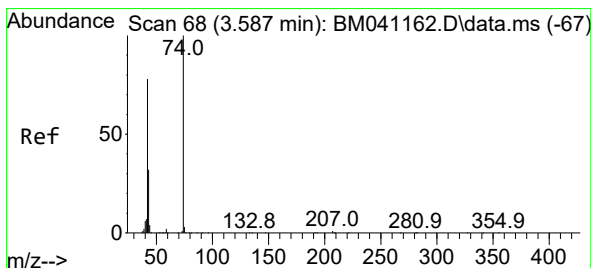
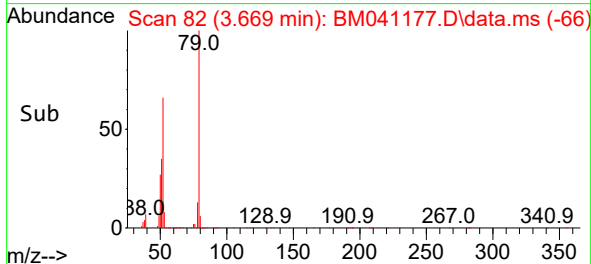
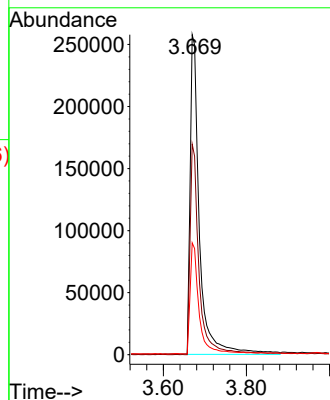
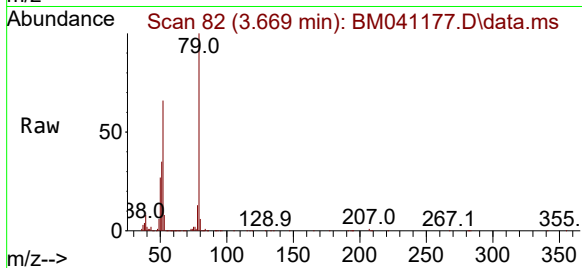




#3
 Pyridine
 Concen: 38.341 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

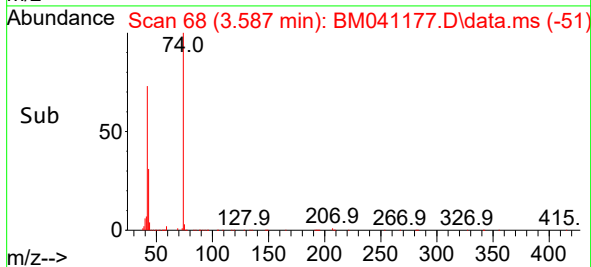
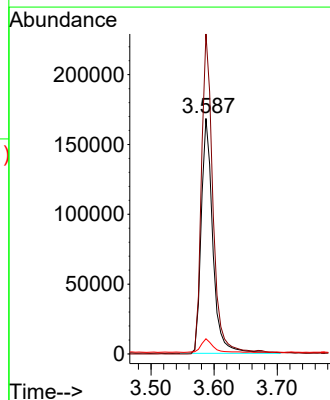
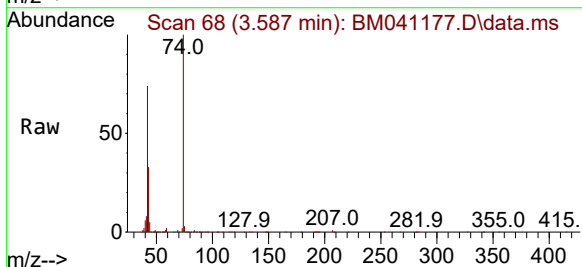
Instrument :
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 ClientSampleId :
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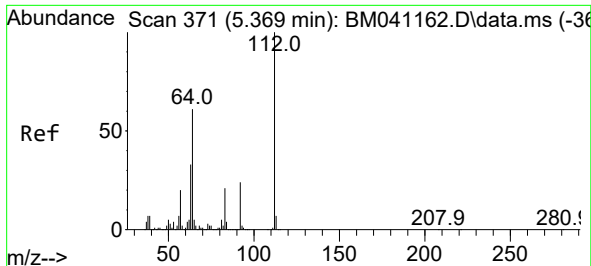
Tgt Ion: 79 Resp: 400351
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.1 78.1
 51 34.9 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 44.180 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

Tgt Ion: 42 Resp: 213359
 Ion Ratio Lower Upper
 42 100
 74 135.9 100.8 151.2
 44 6.4 5.0 7.4

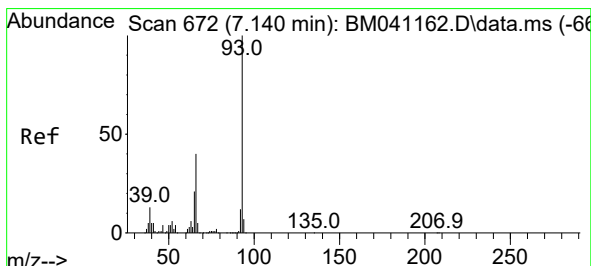
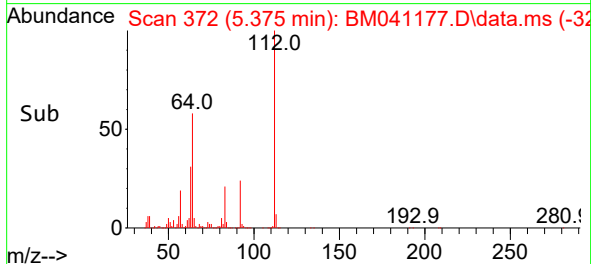
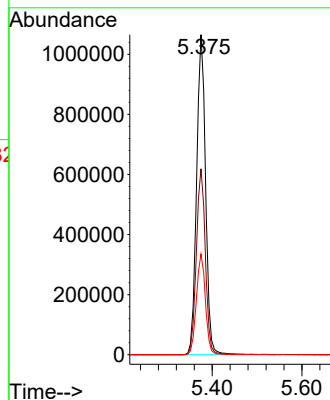
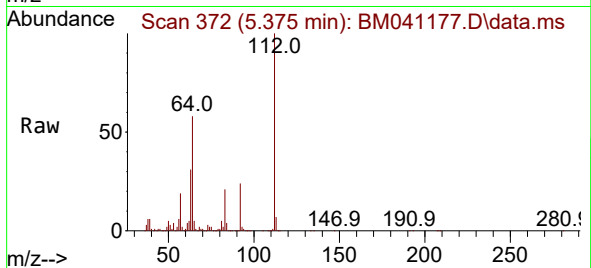




#5
2-Fluorophenol
Concen: 159.476 ng
RT: 5.375 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

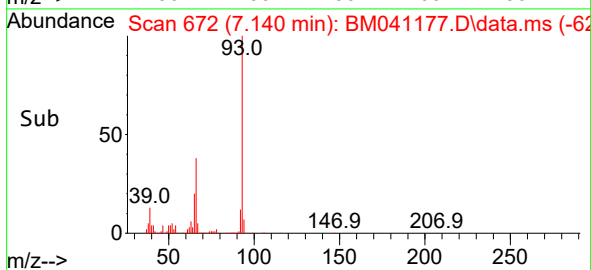
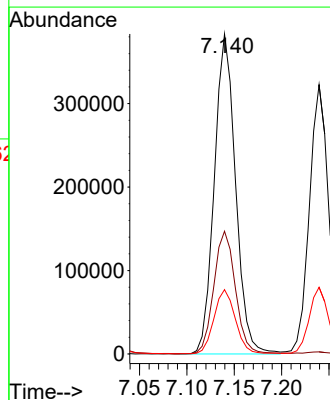
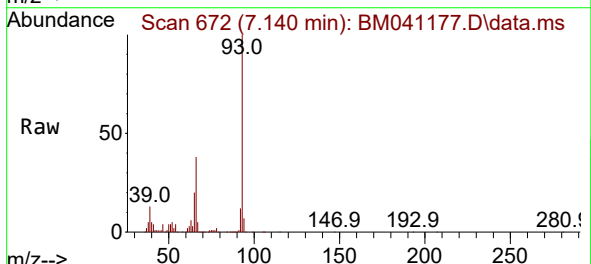
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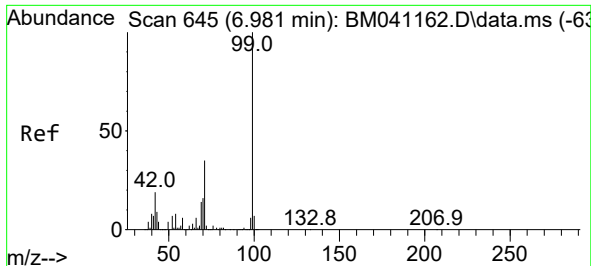
Tgt Ion:112 Resp: 1480446
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.4 26.5 39.7



#6
Aniline
Concen: 42.393 ng
RT: 7.140 min Scan# 672
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 93 Resp: 596996
Ion Ratio Lower Upper
93 100
66 38.3 32.0 48.0
65 20.1 16.6 24.8

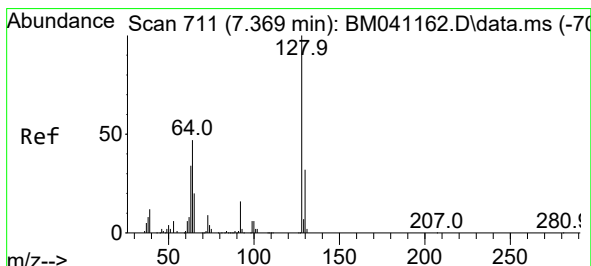
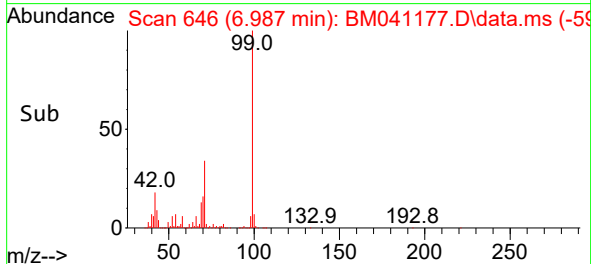
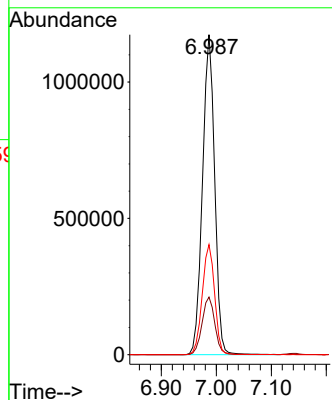
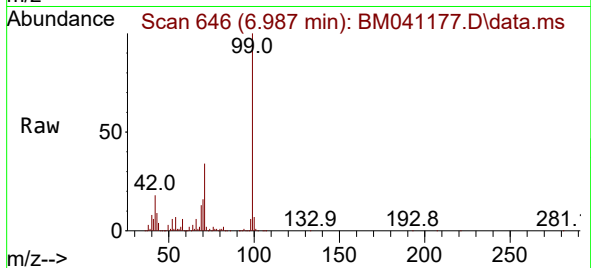




#7
Phenol-d6
Concen: 149.978 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

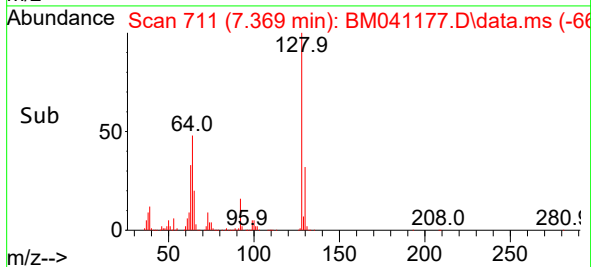
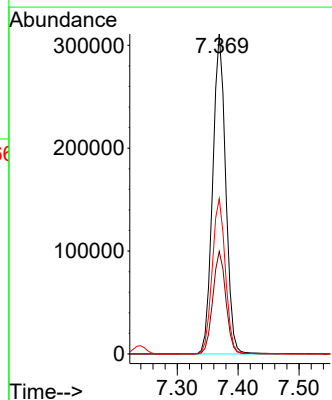
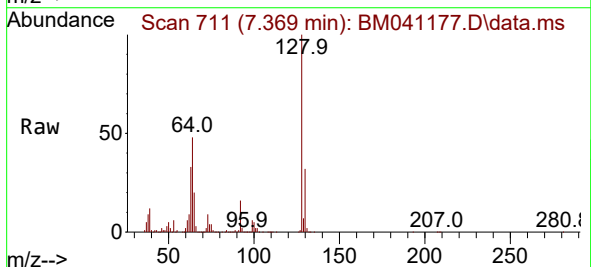
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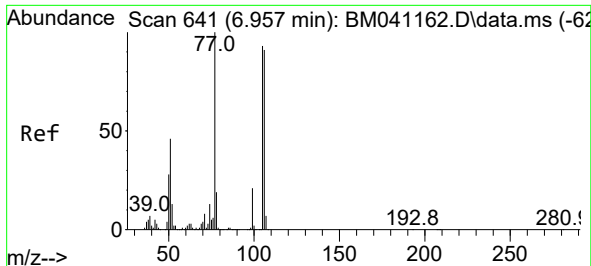
Tgt Ion: 99 Resp: 1804716
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 34.4 28.2 42.4



#8
2-Chlorophenol
Concen: 50.921 ng
RT: 7.369 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 128 Resp: 461477
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 48.5 29.3 69.3

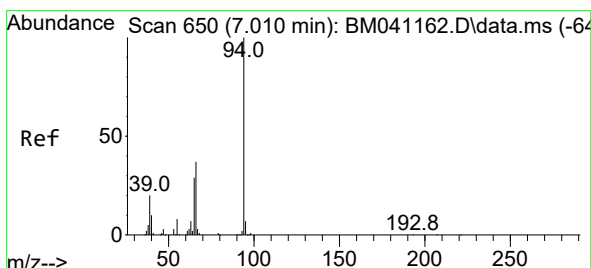
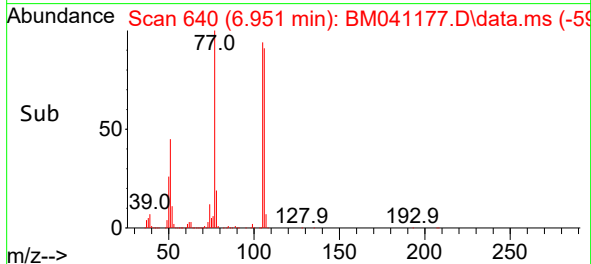
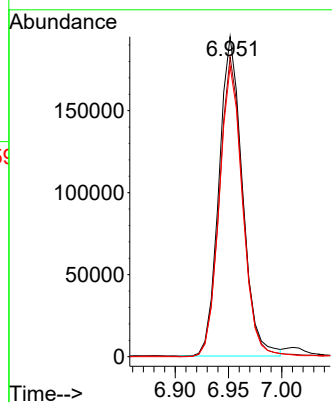
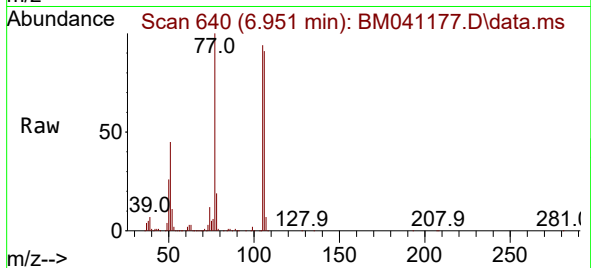




#9
Benzaldehyde
Concen: 46.883 ng
RT: 6.951 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

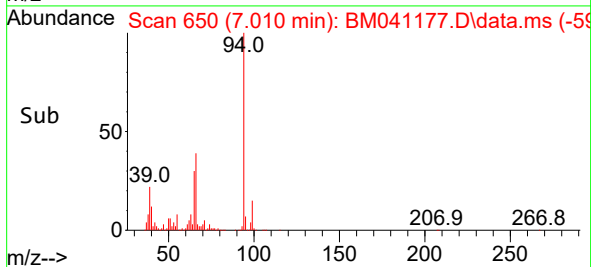
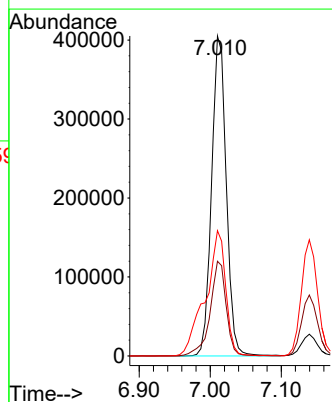
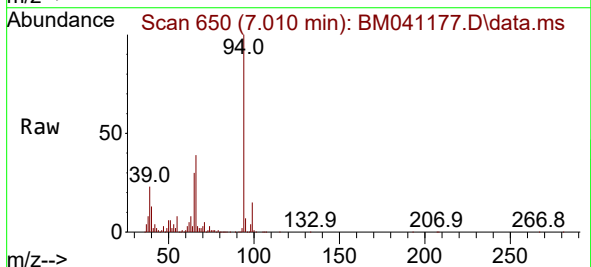
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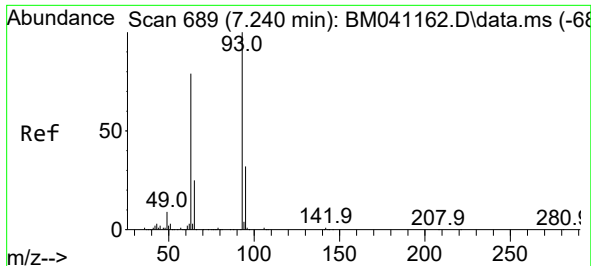
Tgt Ion: 77 Resp: 297680
Ion Ratio Lower Upper
77 100
105 93.6 72.8 112.8
106 90.7 70.8 110.8



#10
Phenol
Concen: 50.121 ng
RT: 7.010 min Scan# 650
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 94 Resp: 582508
Ion Ratio Lower Upper
94 100
65 29.6 9.5 49.5
66 39.1 18.0 58.0

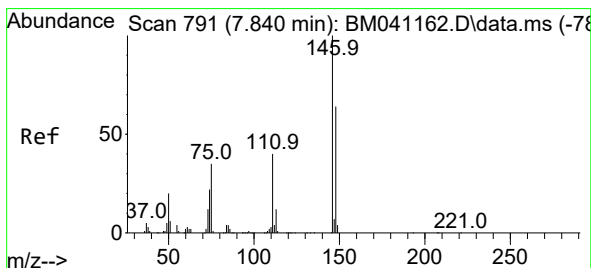
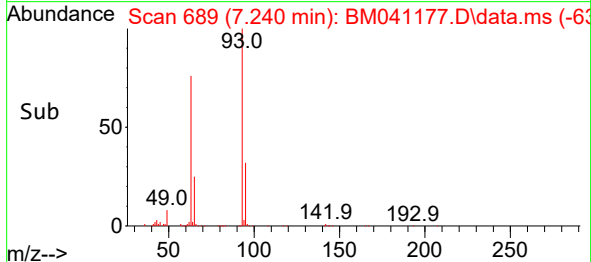
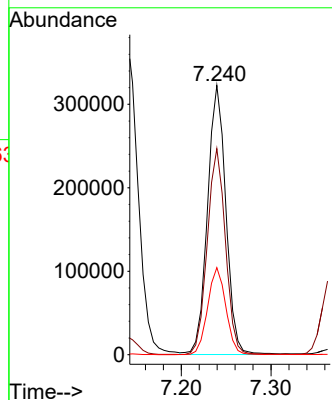
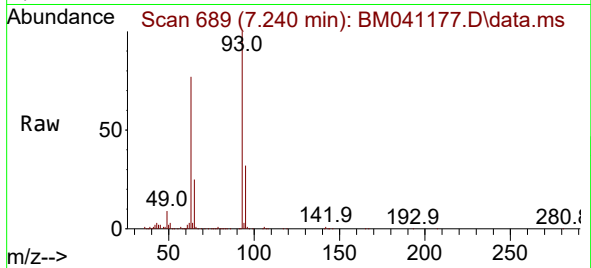




#11
bis(2-Chloroethyl)ether
Concen: 48.873 ng
RT: 7.240 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

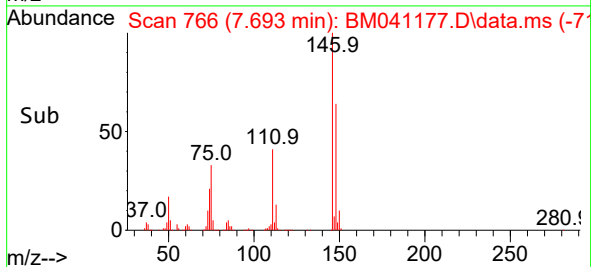
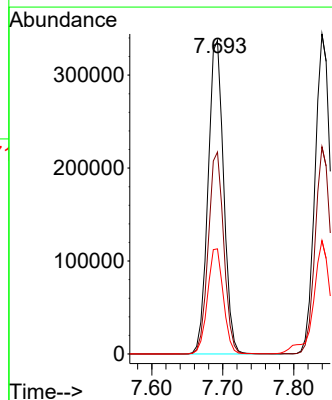
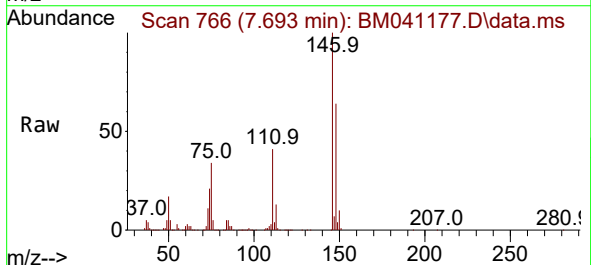
Instrument :
BNA_M
ClientSampleId :
PB154118BS

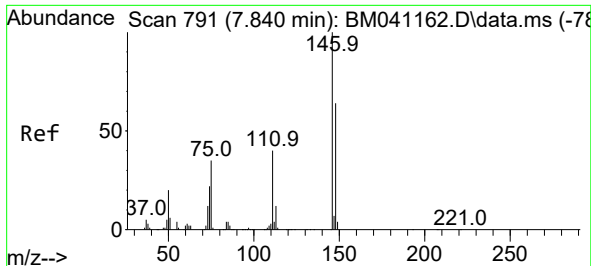
Tgt Ion: 93 Resp: 459785
Ion Ratio Lower Upper
93 100
63 76.5 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.205 ng
RT: 7.693 min Scan# 766
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 146 Resp: 515000
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 33.5 28.3 42.5

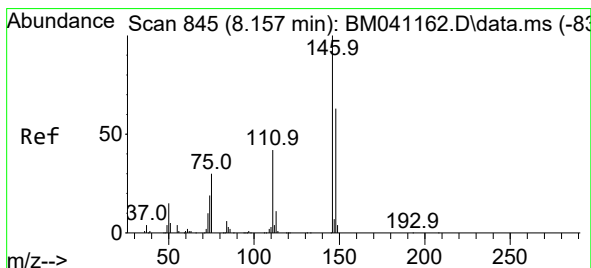
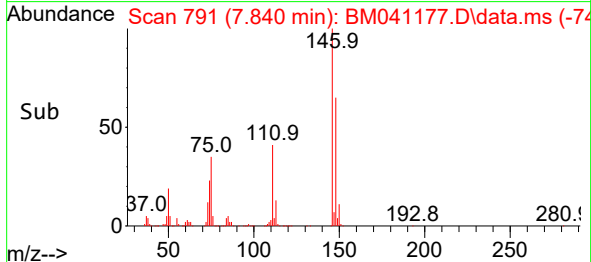
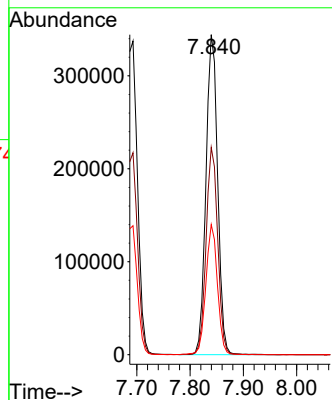
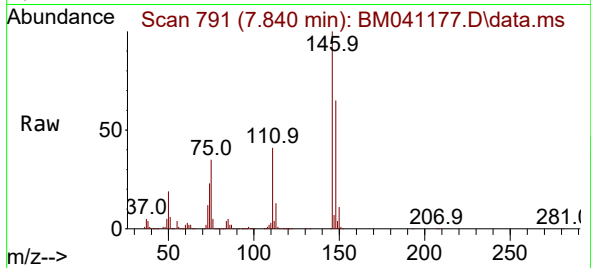




#13
1,4-Dichlorobenzene
Concen: 52.859 ng
RT: 7.840 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

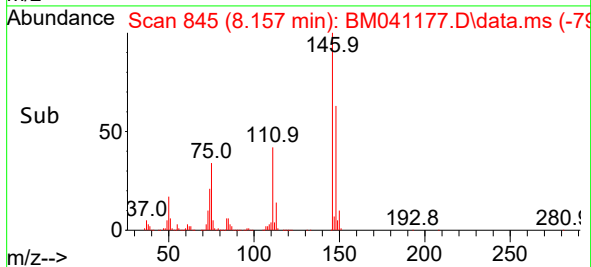
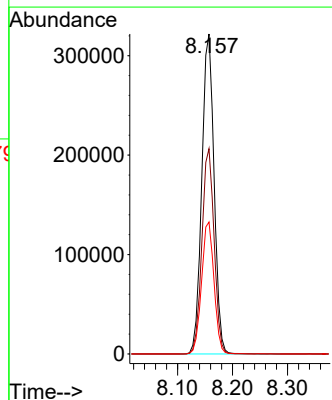
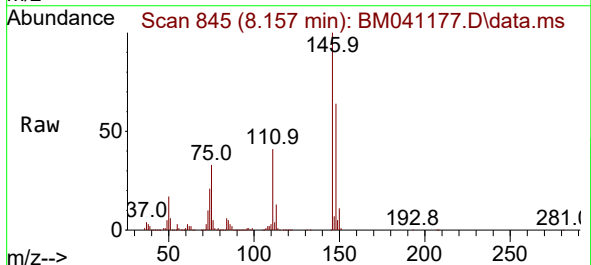
Instrument :
BNA_M
ClientSampleId :
PB154118BS

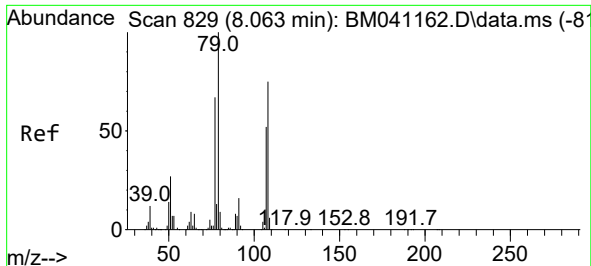
Tgt Ion:146 Resp: 524114
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
111 40.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 52.585 ng
RT: 8.157 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:146 Resp: 499935
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 41.3 33.8 50.6

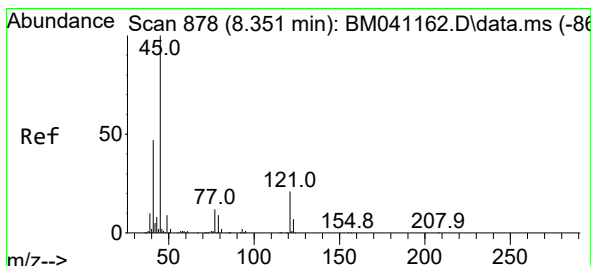
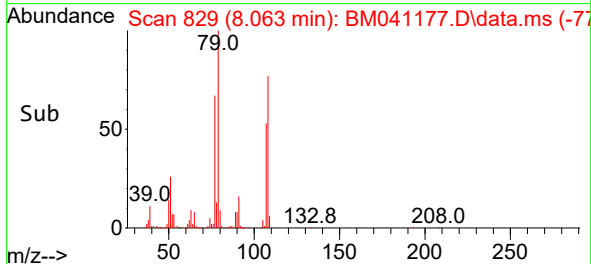
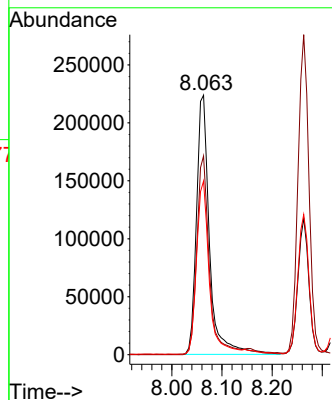
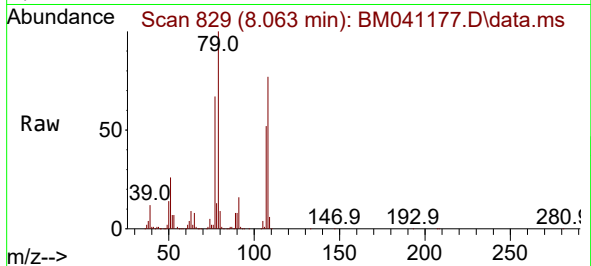




#15
Benzyl Alcohol
Concen: 53.245 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

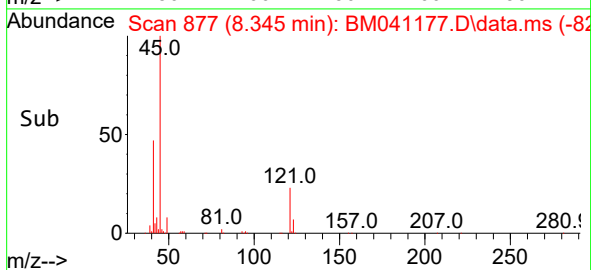
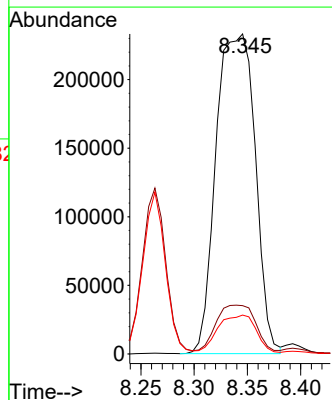
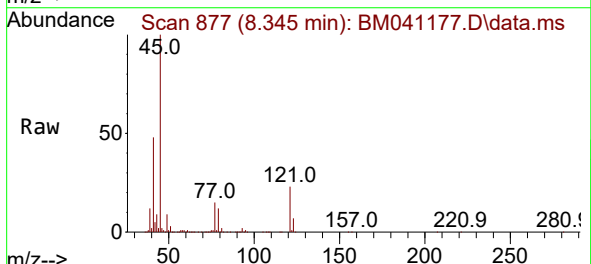
Instrument :
BNA_M
ClientSampleId :
PB154118BS

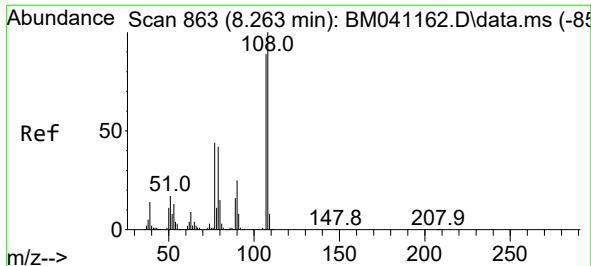
Tgt Ion: 79 Resp: 404616
Ion Ratio Lower Upper
79 100
108 76.6 59.8 89.8
77 66.9 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.483 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 45 Resp: 595181
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 12.2 0.0 32.1

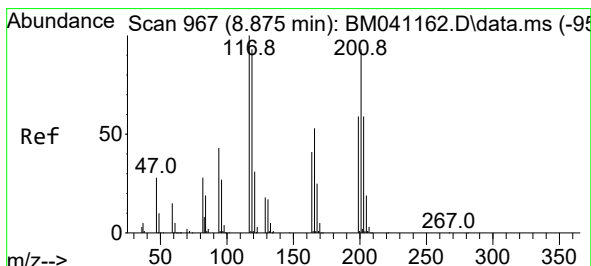
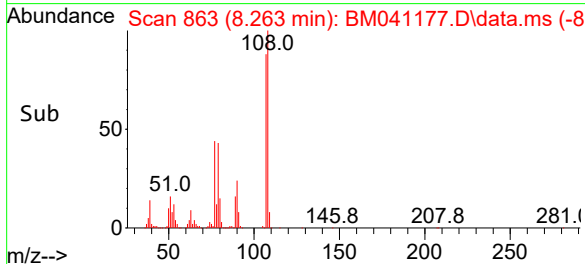
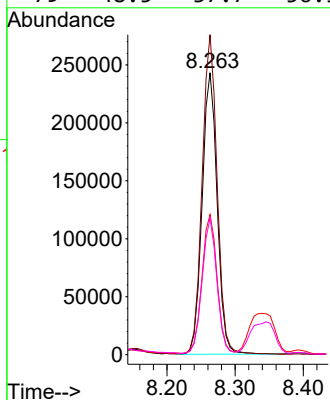
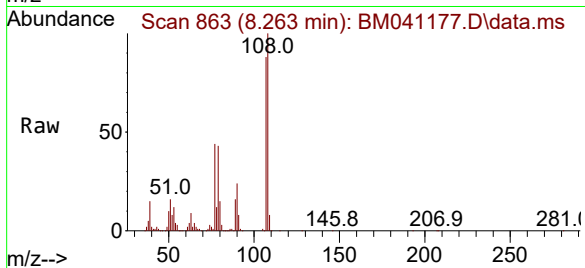




#17
2-Methylphenol
Concen: 46.938 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

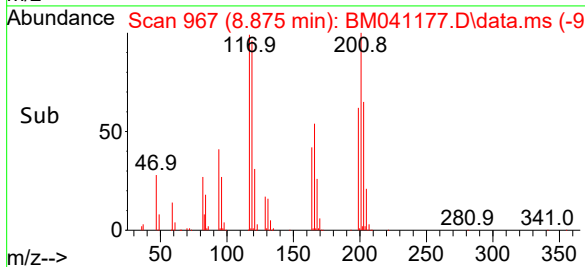
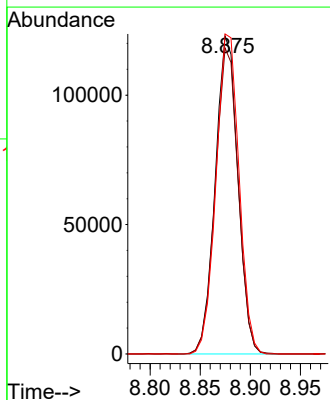
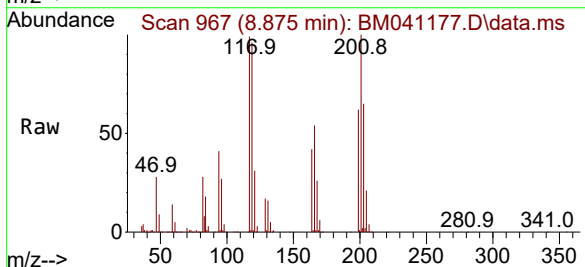
Instrument :
BNA_M
ClientSampleId :
PB154118BS

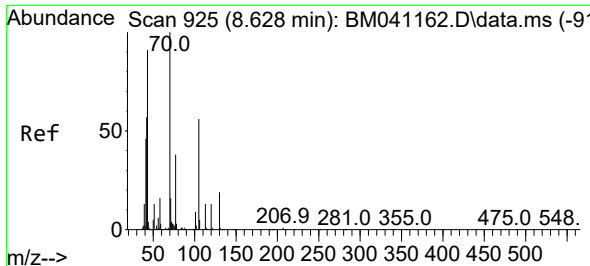
Tgt Ion:107 Resp: 372697
Ion Ratio Lower Upper
107 100
108 113.5 89.9 134.9
77 49.7 39.8 59.8
79 48.5 37.7 56.5



#18
Hexachloroethane
Concen: 52.278 ng
RT: 8.875 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:117 Resp: 192978
Ion Ratio Lower Upper
117 100
119 96.3 74.2 111.4
201 100.7 74.5 111.7

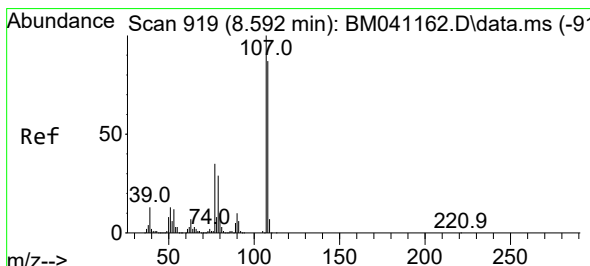
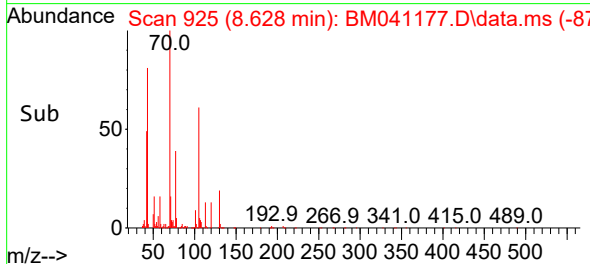
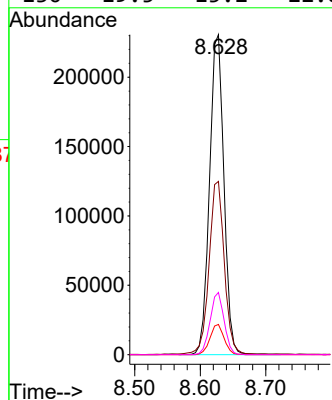
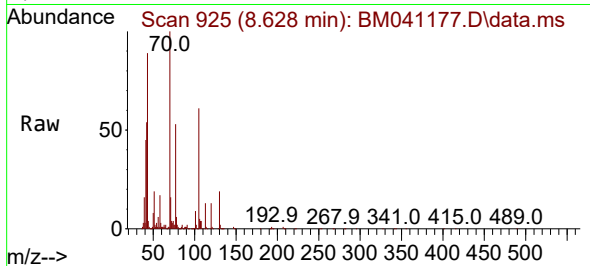




#19
n-Nitroso-di-n-propylamine
Concen: 48.221 ng
RT: 8.628 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

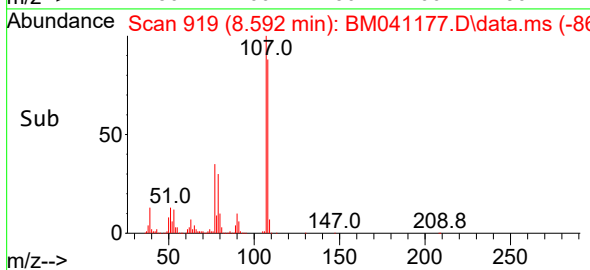
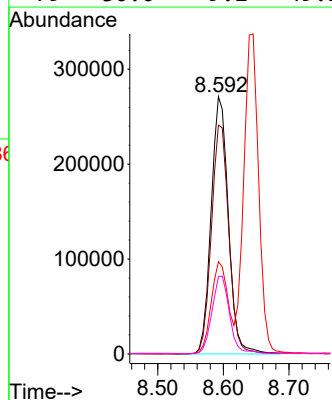
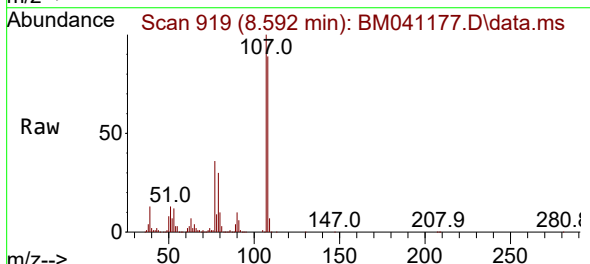
Instrument :
BNA_M
ClientSampleId :
PB154118BS

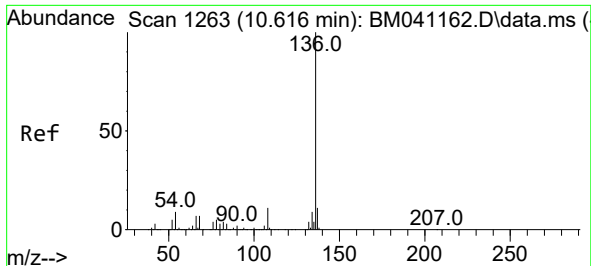
Tgt Ion: 70 Resp: 352440
Ion Ratio Lower Upper
70 100
42 54.2 45.8 68.8
101 9.5 7.4 11.0
130 19.5 15.2 22.8



#20
3+4-Methylphenols
Concen: 46.699 ng
RT: 8.592 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 107 Resp: 495775
Ion Ratio Lower Upper
107 100
108 88.9 67.2 107.2
77 35.9 15.4 55.4
79 30.0 9.2 49.2

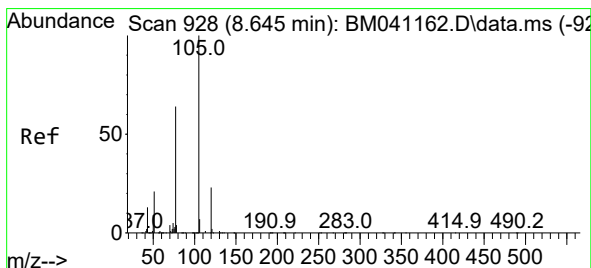
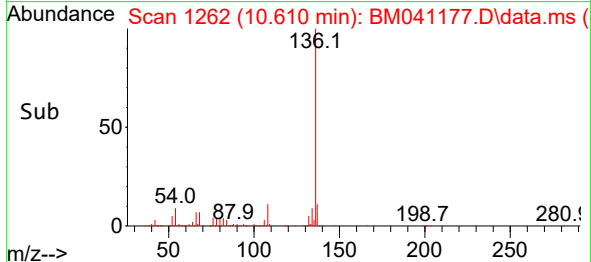
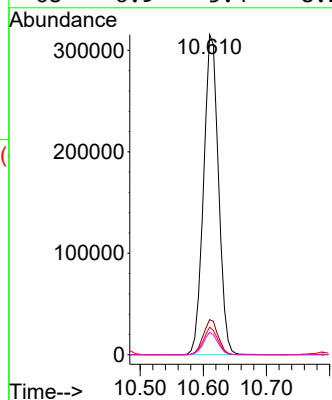
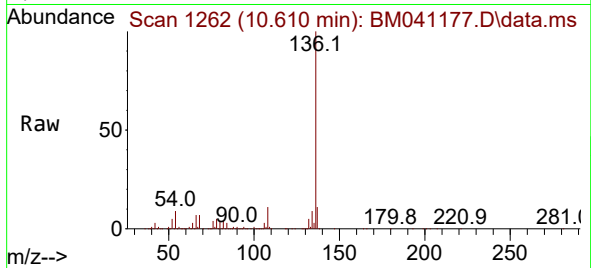




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

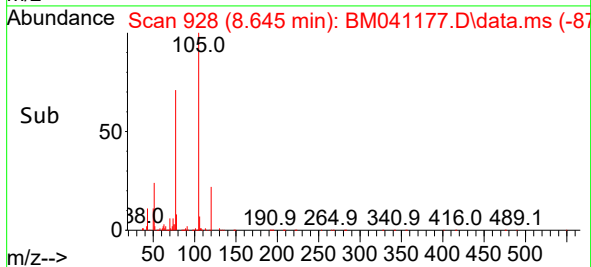
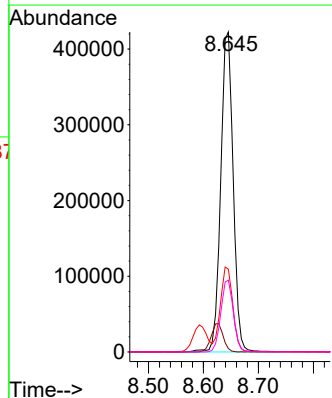
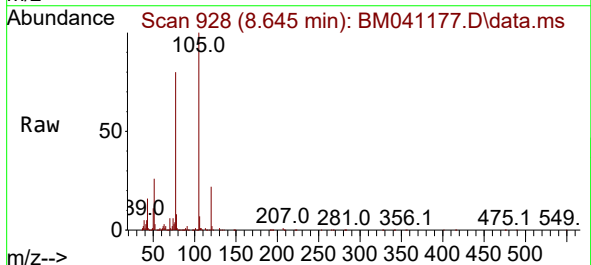
Instrument :
BNA_M
ClientSampleId :
PB154118BS

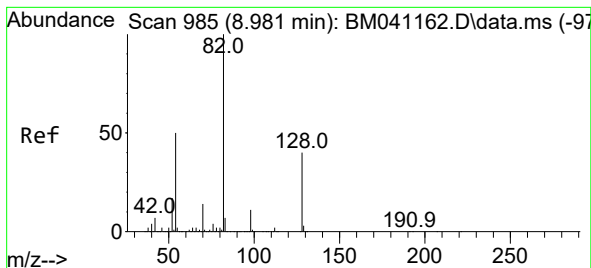
Tgt Ion:136 Resp: 516902
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 6.9 10.3
68 6.9 5.4 8.2



#22
Acetophenone
Concen: 48.585 ng
RT: 8.645 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:105 Resp: 665122
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 25.9 22.0 33.0
120 22.4 18.0 27.0





#23

Nitrobenzene-d5

Concen: 102.210 ng

RT: 8.981 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

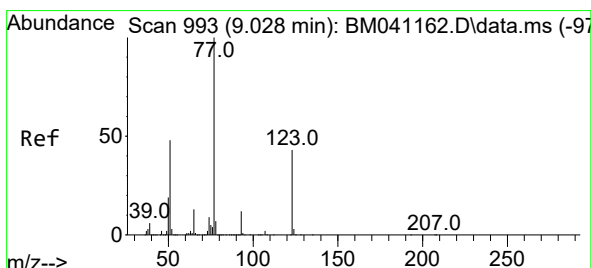
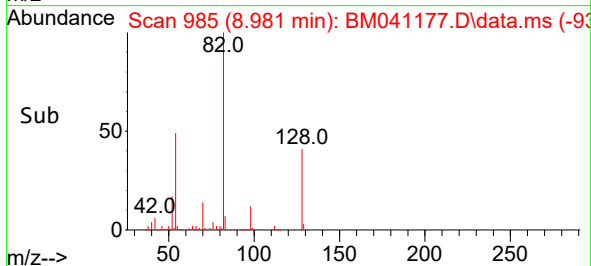
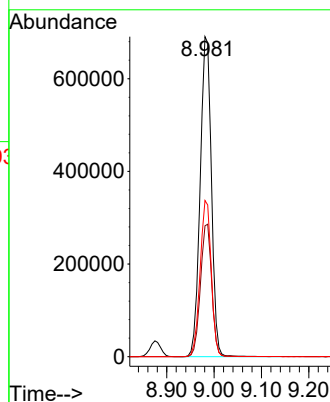
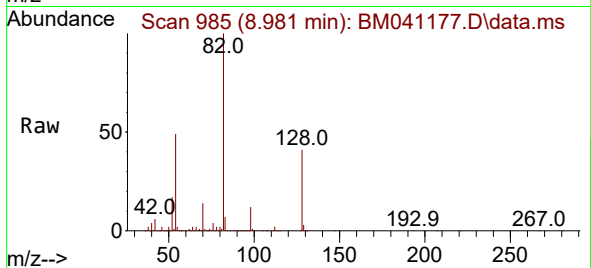
Tgt Ion: 82 Resp: 1136068

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 48.8 40.1 60.1



#24

Nitrobenzene

Concen: 46.457 ng

RT: 9.028 min Scan# 993

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

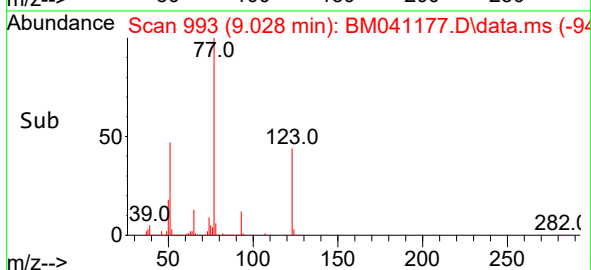
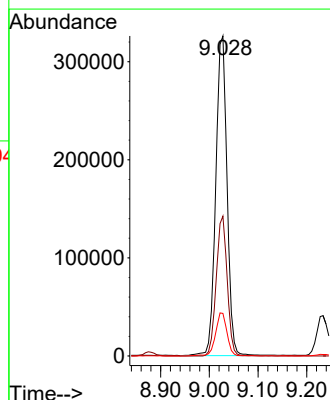
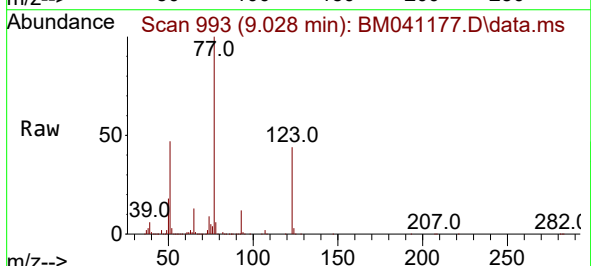
Tgt Ion: 77 Resp: 522194

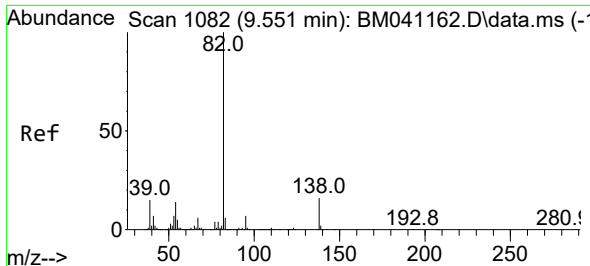
Ion Ratio Lower Upper

77 100

123 43.7 34.2 51.2

65 13.3 10.7 16.1

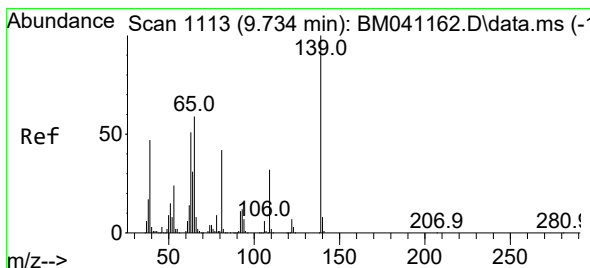
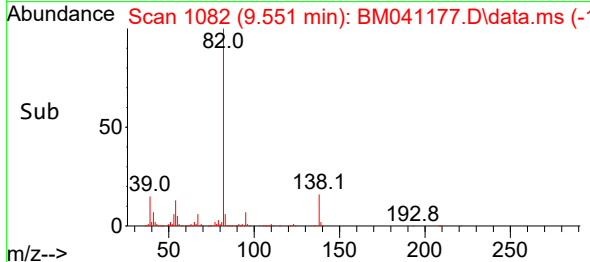
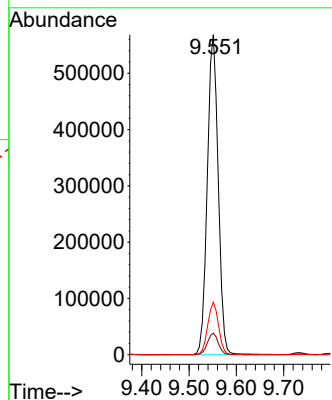
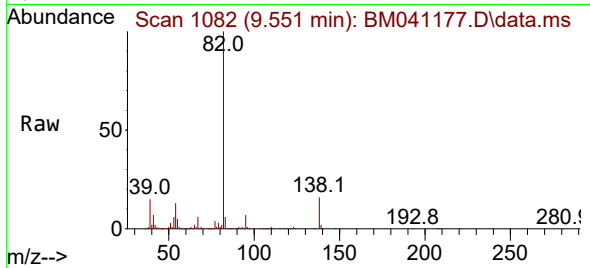




#25
Isophorone
Concen: 48.228 ng
RT: 9.551 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

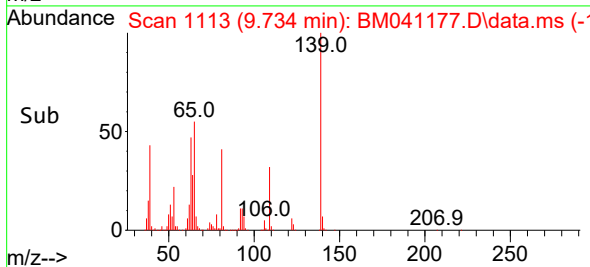
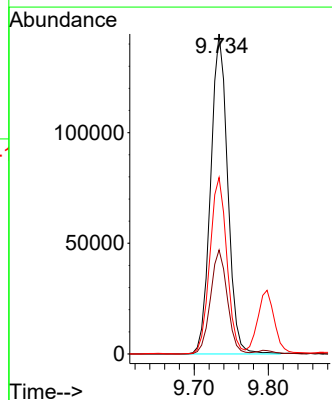
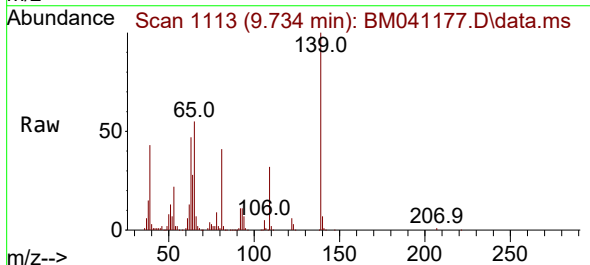
Instrument :
BNA_M
ClientSampleId :
PB154118BS

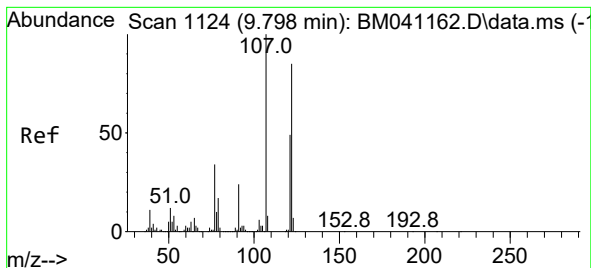
Tgt Ion: 82 Resp: 909965
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 52.476 ng
RT: 9.734 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 139 Resp: 230588
Ion Ratio Lower Upper
139 100
109 32.5 25.4 38.2
65 55.2 47.2 70.8

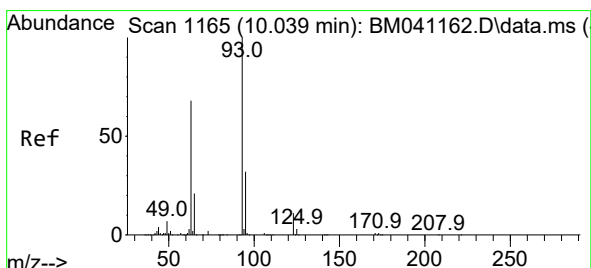
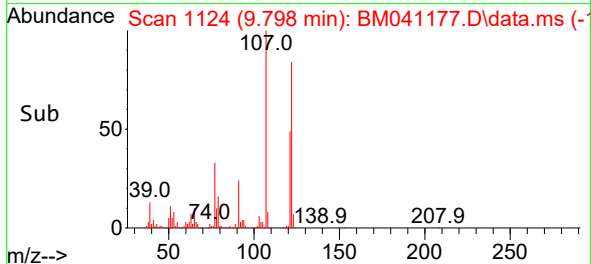
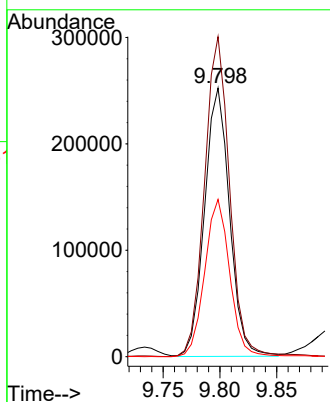
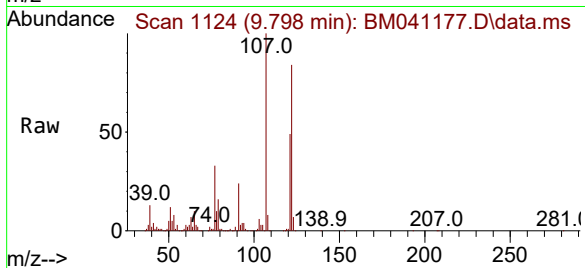




#27
2,4-Dimethylphenol
Concen: 50.060 ng
RT: 9.798 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

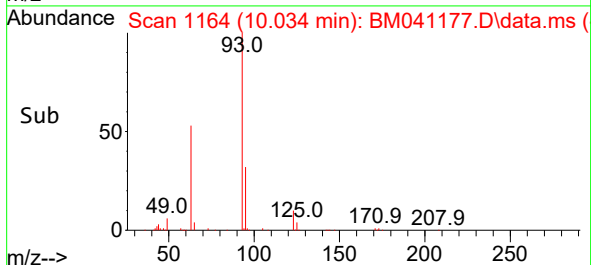
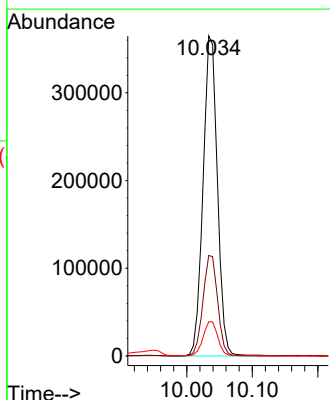
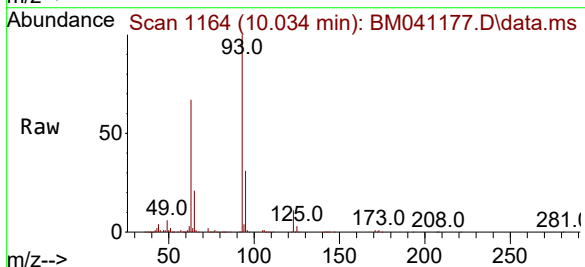
Instrument :
BNA_M
ClientSampleId :
PB154118BS

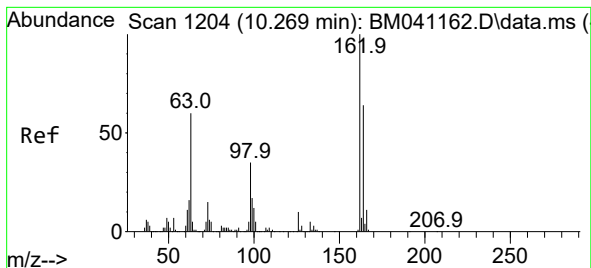
Tgt Ion:122 Resp: 387079
Ion Ratio Lower Upper
122 100
107 119.1 94.3 141.5
121 58.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.044 ng
RT: 10.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 93 Resp: 556005
Ion Ratio Lower Upper
93 100
95 31.4 25.9 38.9
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.433 ng

RT: 10.269 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

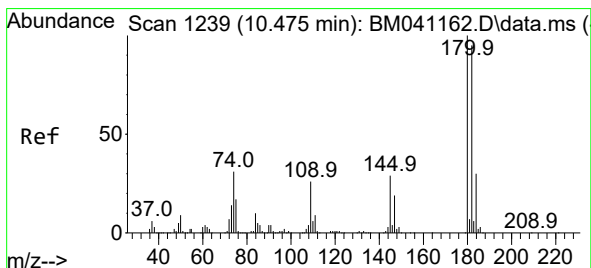
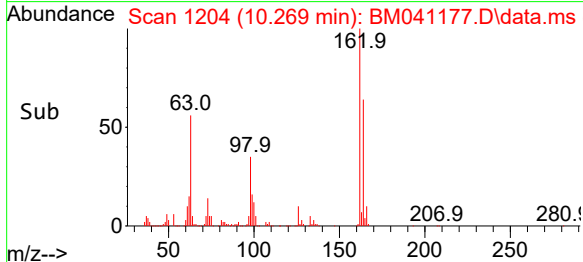
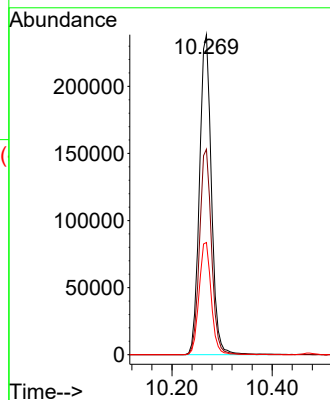
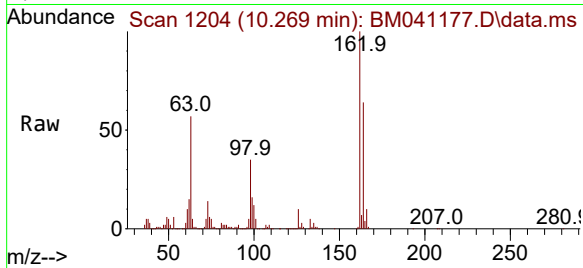
Tgt Ion:162 Resp: 393253

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 35.0 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 51.007 ng

RT: 10.475 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

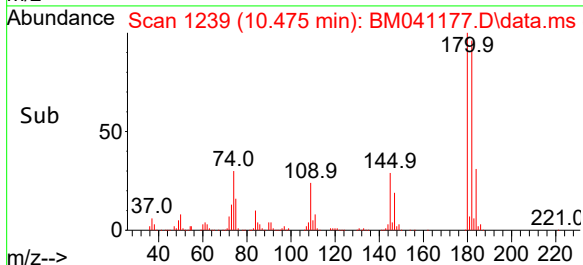
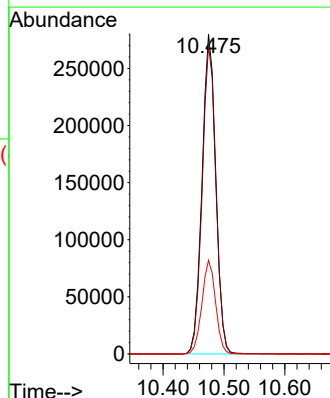
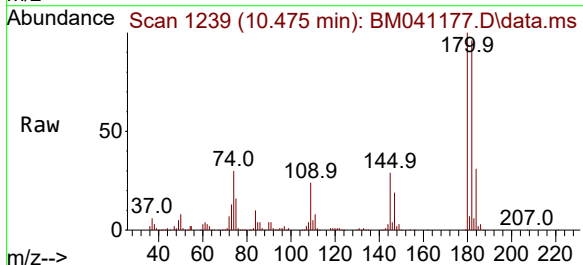
Tgt Ion:180 Resp: 439432

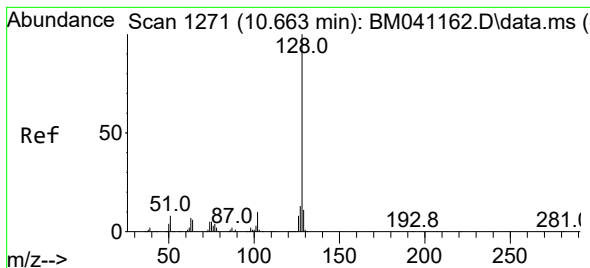
Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 29.3 23.6 35.4

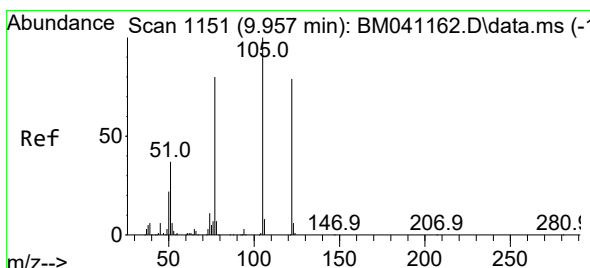
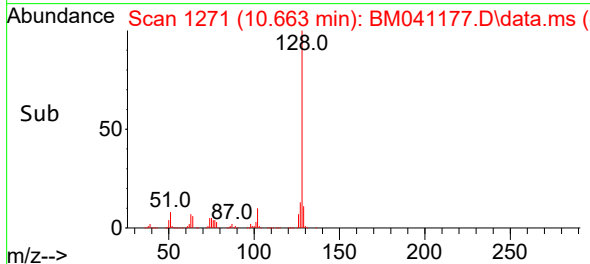
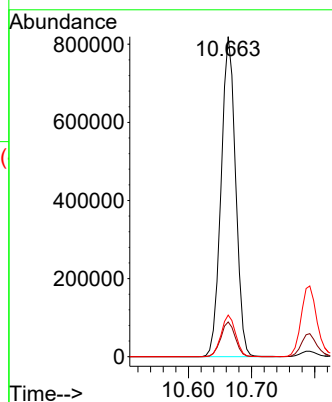
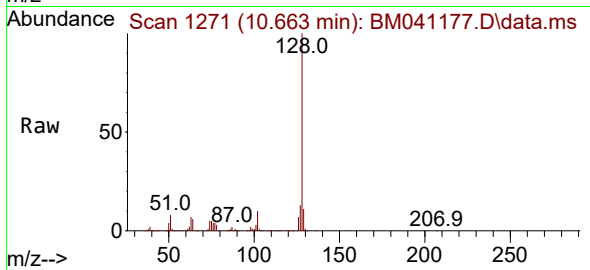




#31
Naphthalene
Concen: 46.747 ng
RT: 10.663 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

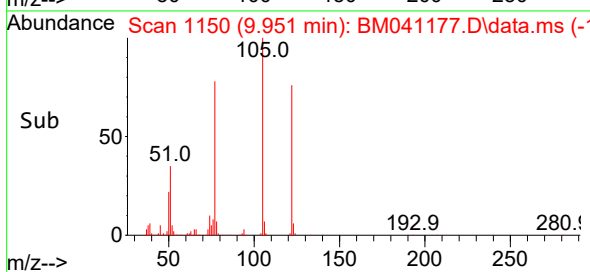
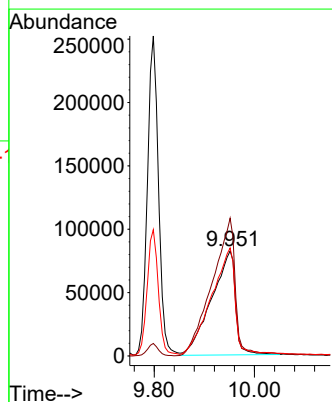
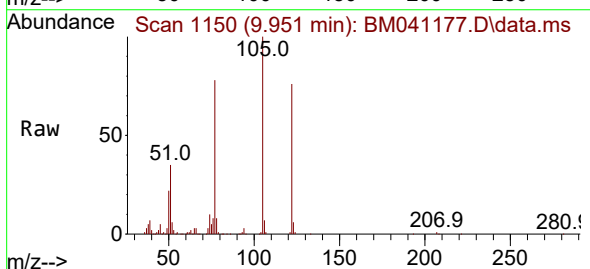
Instrument :
BNA_M
ClientSampleId :
PB154118BS

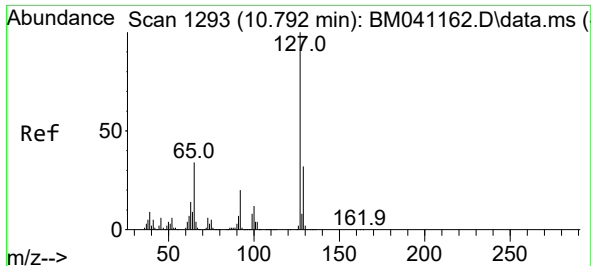
Tgt Ion:128 Resp: 1311247
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 47.015 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:122 Resp: 272027
Ion Ratio Lower Upper
122 100
105 131.2 104.0 144.0
77 102.9 79.9 119.9

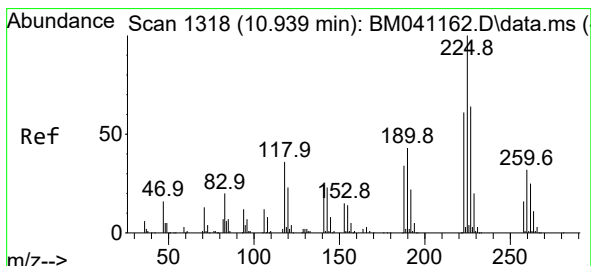
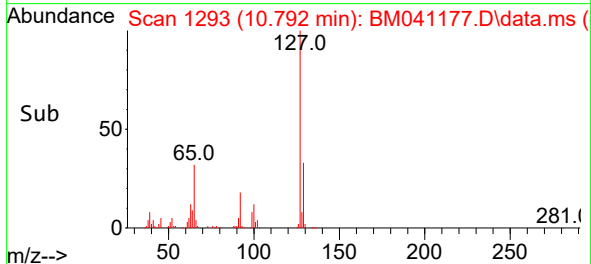
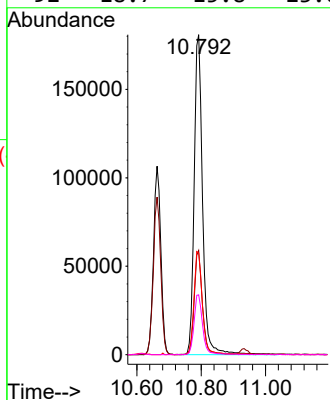
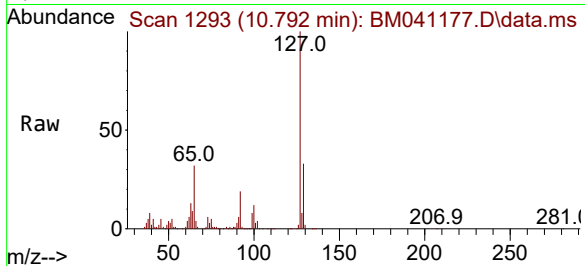




#33
4-Chloroaniline
Concen: 29.491 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

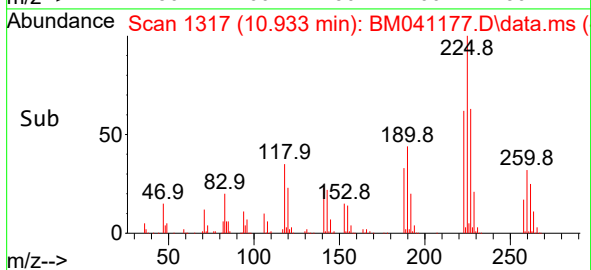
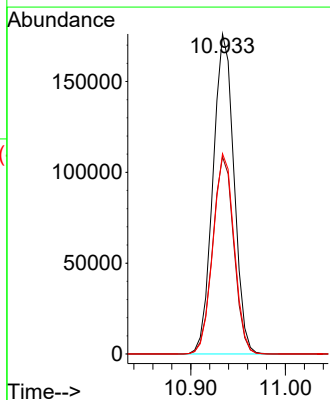
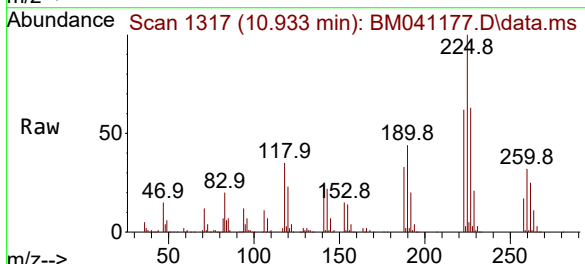
Instrument :
BNA_M
ClientSampleId :
PB154118BS

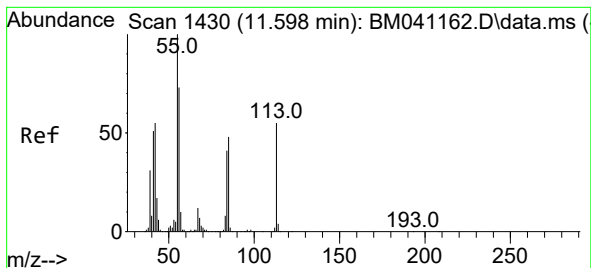
Tgt Ion:	127	Resp:	330582
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.8	26.9	40.3
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 52.336 ng
RT: 10.933 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:	225	Resp:	271174
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.4
227	62.6	50.8	76.2





#35

Caprolactam

Concen: 26.542 ng

RT: 11.604 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

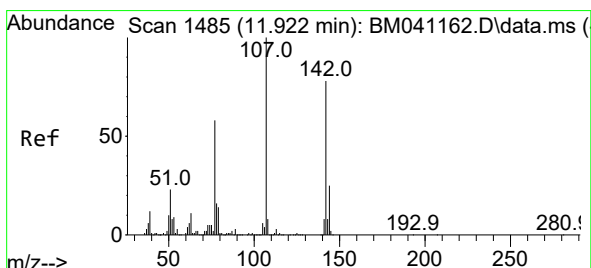
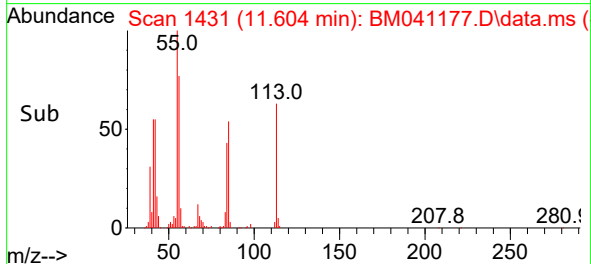
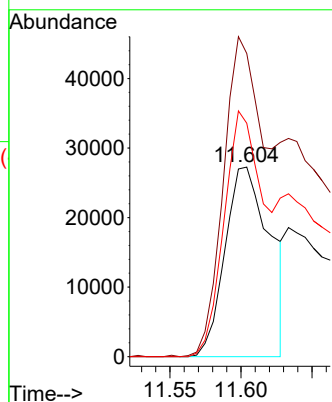
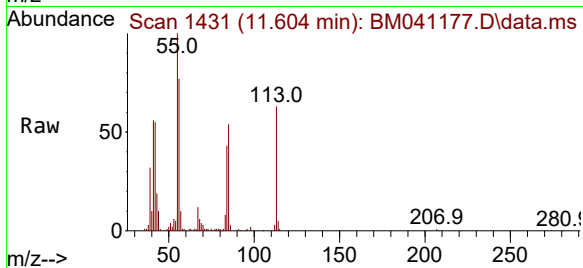
Tgt Ion:113 Resp: 59870

Ion Ratio Lower Upper

113 100

55 159.9 162.5 202.5#

56 123.2 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 48.146 ng

RT: 11.922 min Scan# 1485

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

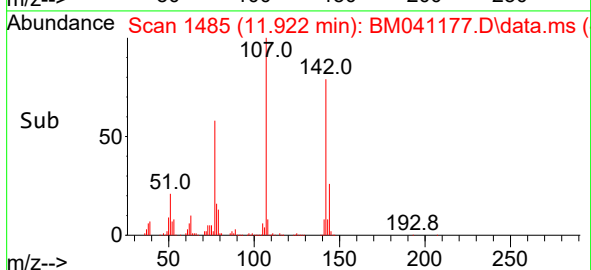
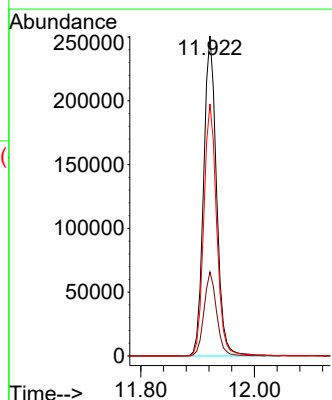
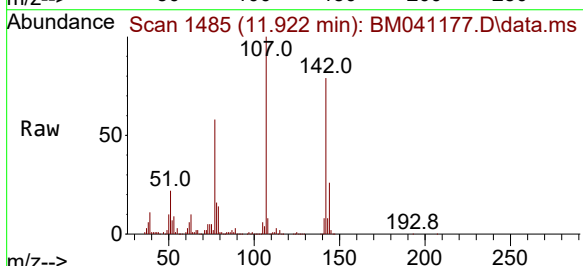
Tgt Ion:107 Resp: 395143

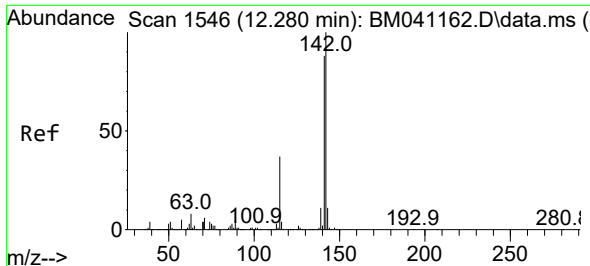
Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

142 78.8 62.2 93.4

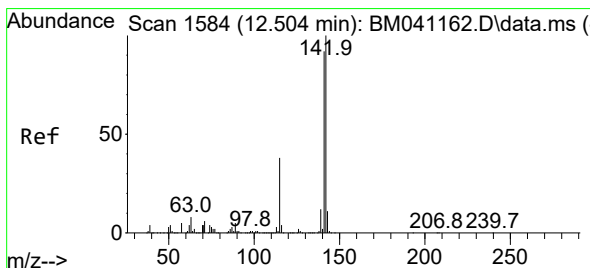
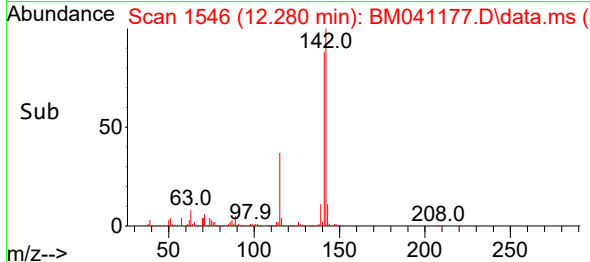
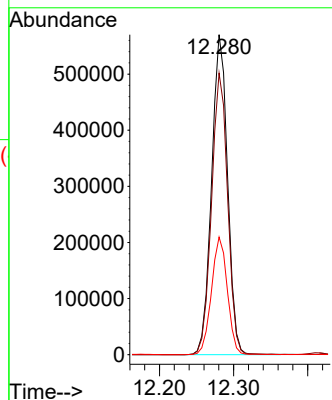
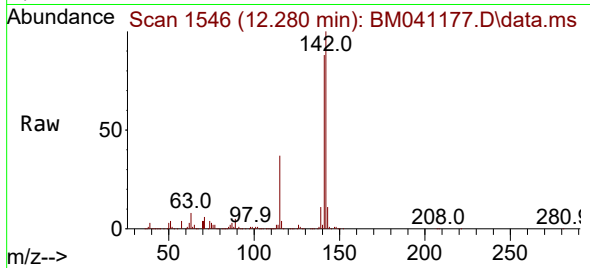




#37
2-Methylnaphthalene
Concen: 45.165 ng
RT: 12.280 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

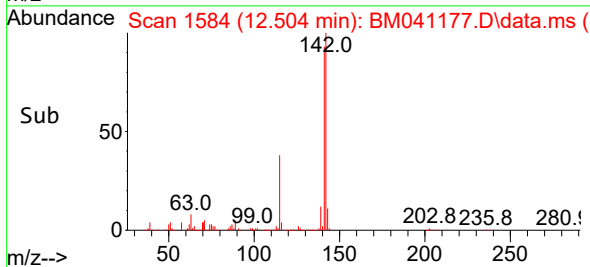
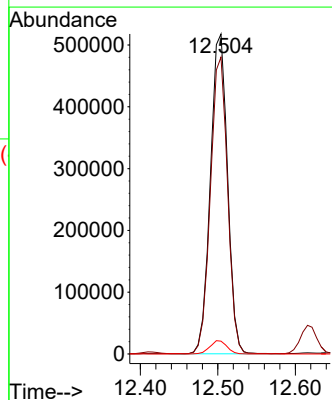
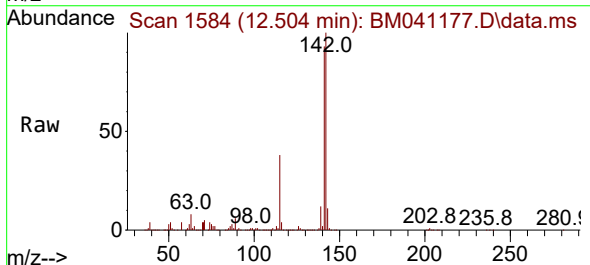
Instrument :
BNA_M
ClientSampleId :
PB154118BS

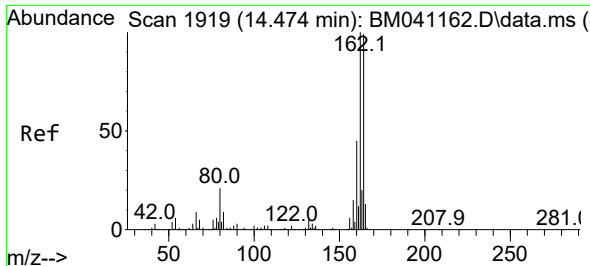
Tgt Ion:142 Resp: 854099
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1
115 36.8 29.3 43.9



#38
1-Methylnaphthalene
Concen: 44.929 ng
RT: 12.504 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:142 Resp: 795215
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2
116 4.0 3.2 4.8

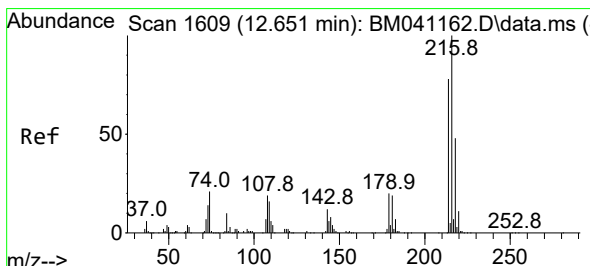
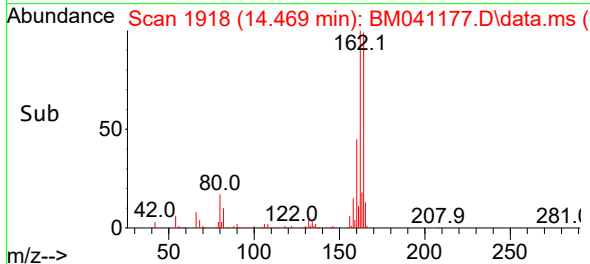
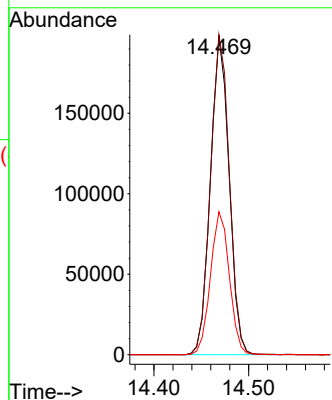
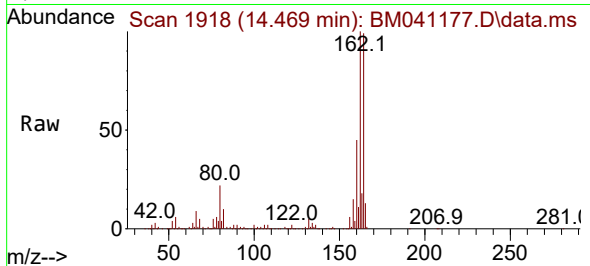




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

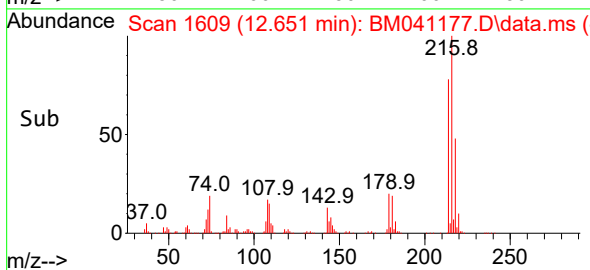
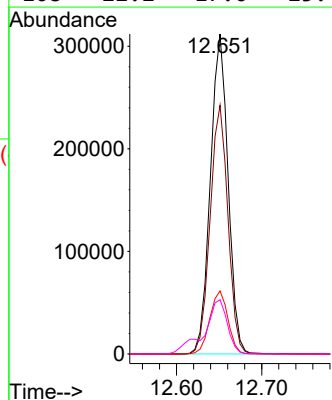
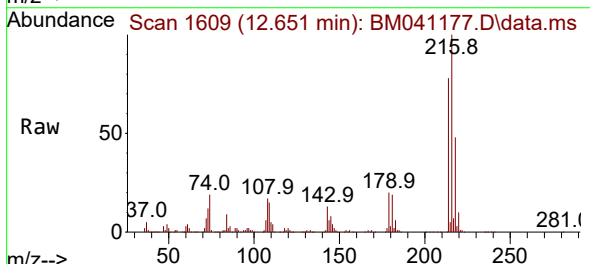
Instrument :
BNA_M
ClientSampleId :
PB154118BS

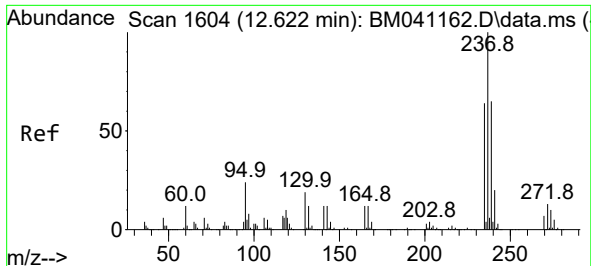
Tgt Ion:164 Resp: 270737
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 44.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.180 ng
RT: 12.651 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:216 Resp: 449926
Ion Ratio Lower Upper
216 100
214 78.1 63.2 94.8
179 20.1 16.2 24.2
108 22.2 17.0 25.4

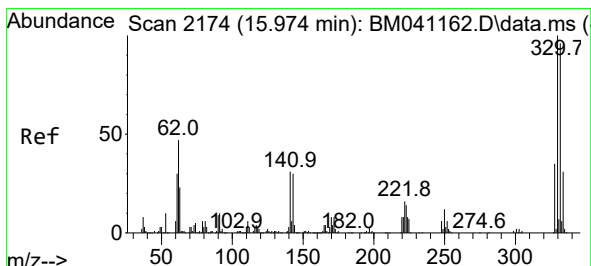
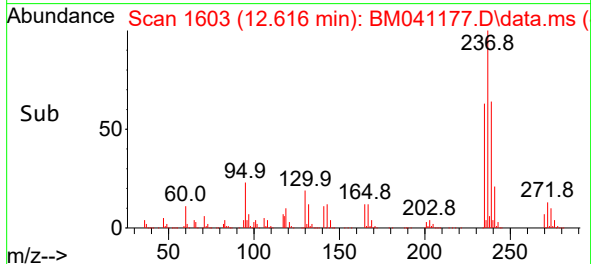
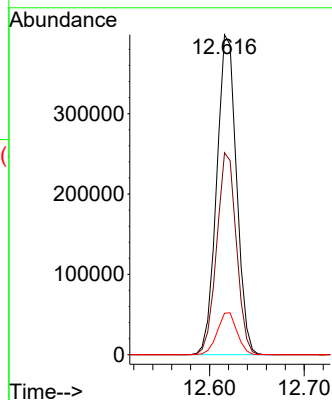
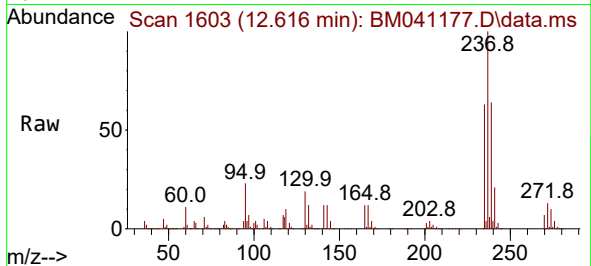




#41
Hexachlorocyclopentadiene
Concen: 124.597 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

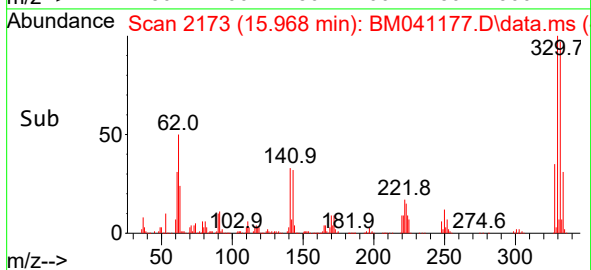
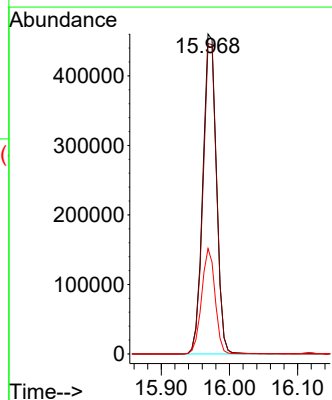
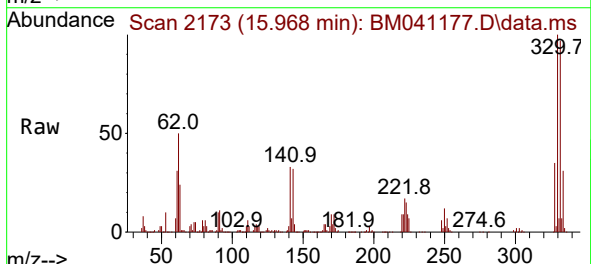
Instrument :
BNA_M
ClientSampleId :
PB154118BS

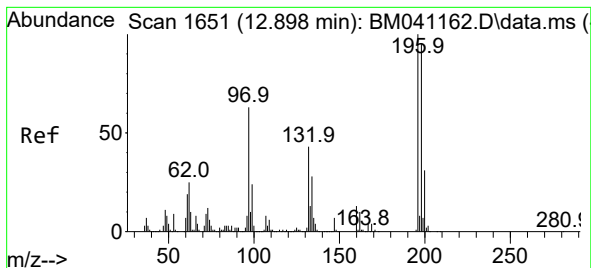
Tgt Ion:237 Resp: 579489
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 166.623 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:330 Resp: 638071
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 32.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 52.755 ng

RT: 12.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

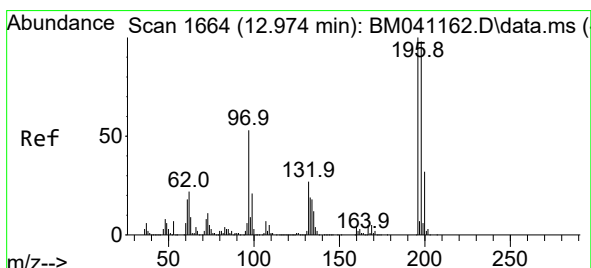
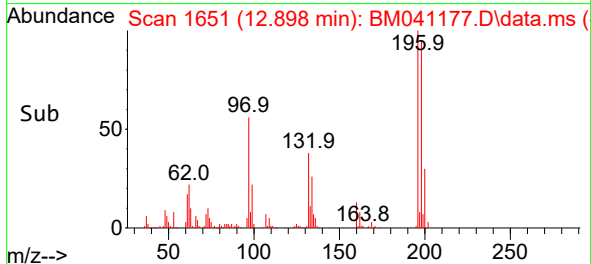
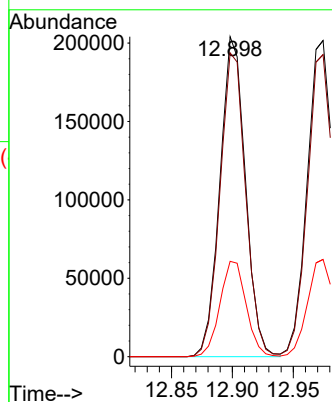
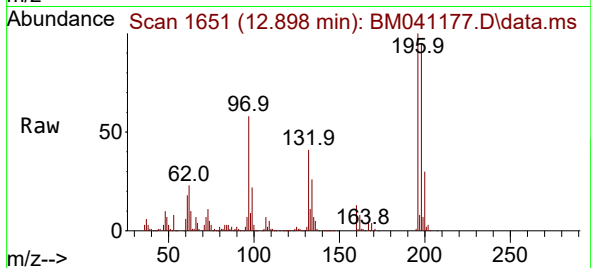
Tgt Ion:196 Resp: 297255

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.4

200 29.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.357 ng

RT: 12.975 min Scan# 1664

Delta R.T. 0.001 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Tgt Ion:196 Resp: 315367

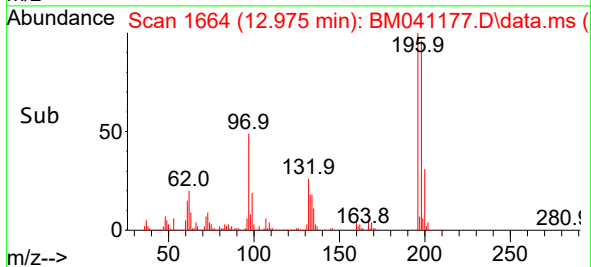
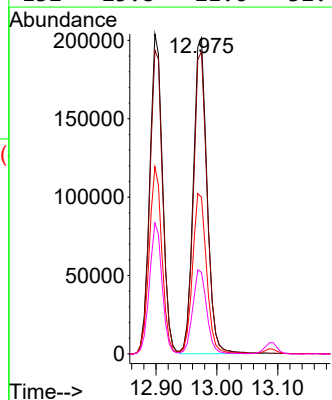
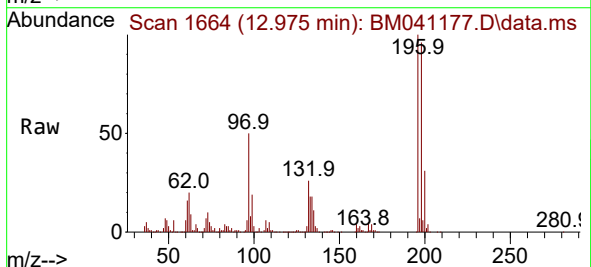
Ion Ratio Lower Upper

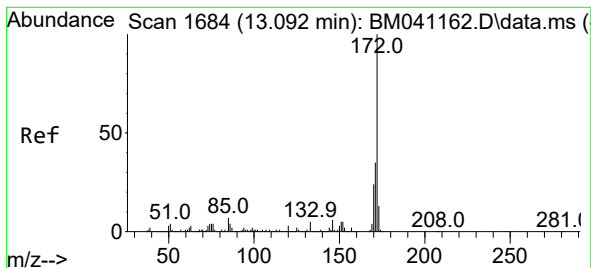
196 100

198 95.6 78.2 117.4

97 49.6 42.7 64.1

132 25.8 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 105.017 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

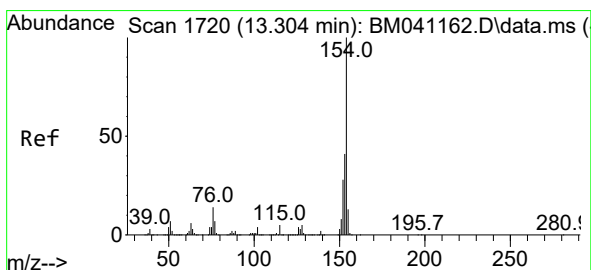
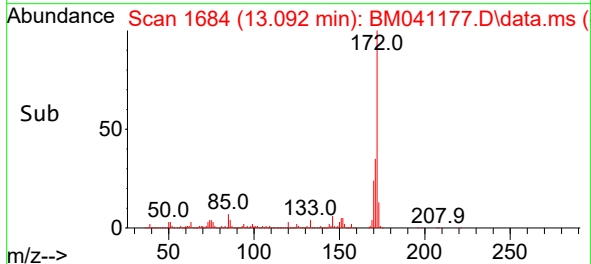
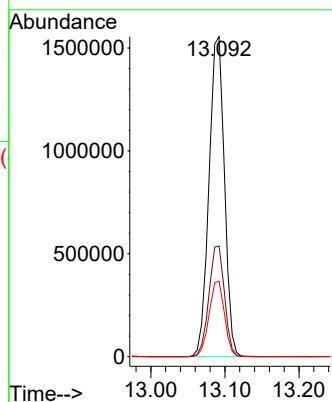
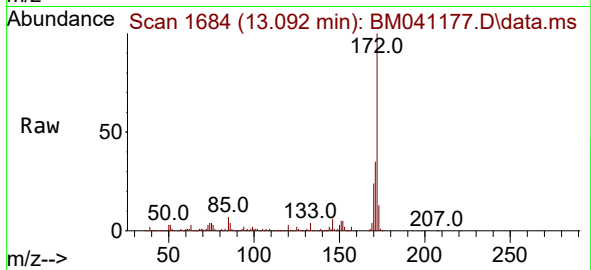
Tgt Ion:172 Resp: 2250709

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.161 ng

RT: 13.298 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

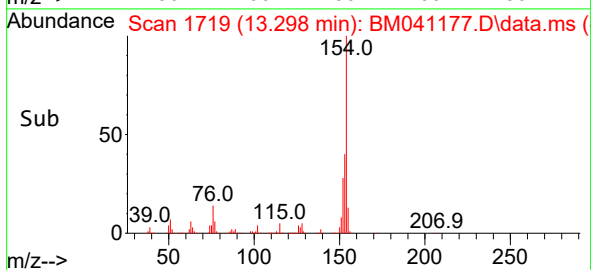
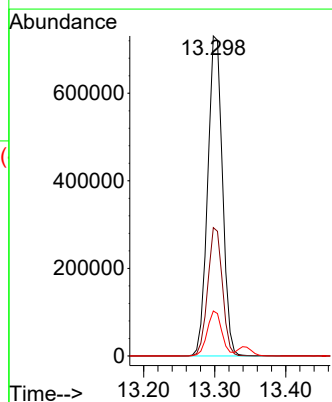
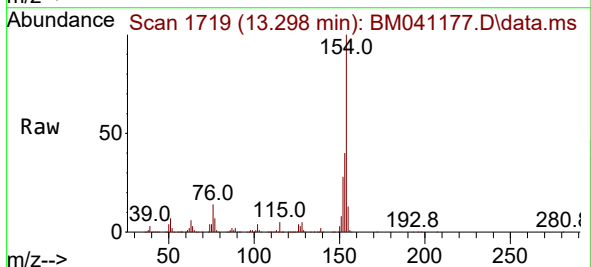
Tgt Ion:154 Resp: 1057061

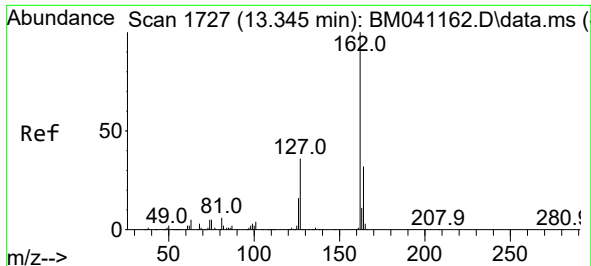
Ion Ratio Lower Upper

154 100

153 40.1 20.5 60.5

76 14.1 0.0 34.1

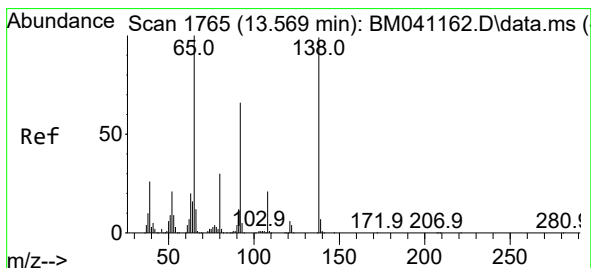
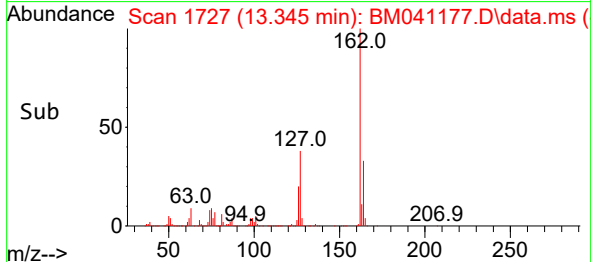
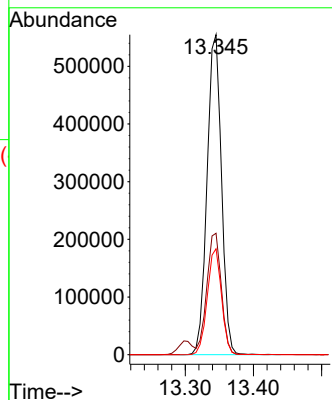
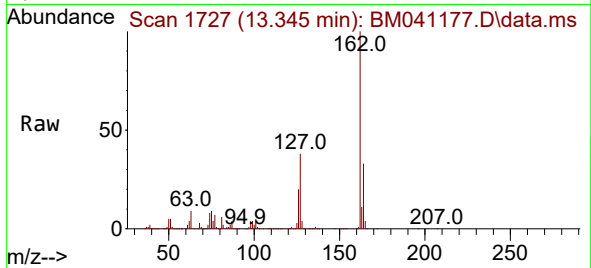




#47
2-Chloronaphthalene
Concen: 49.858 ng
RT: 13.345 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

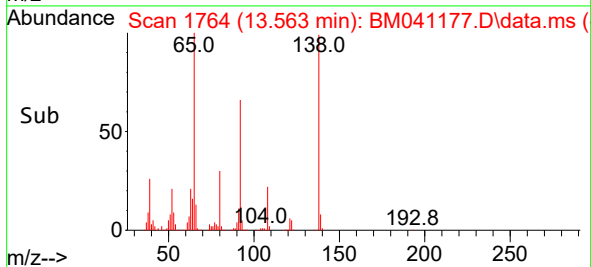
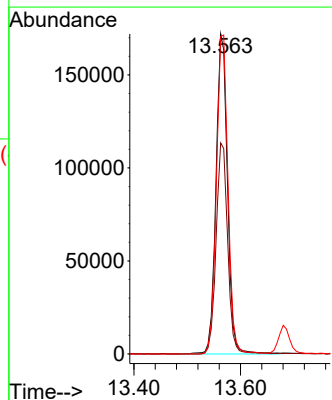
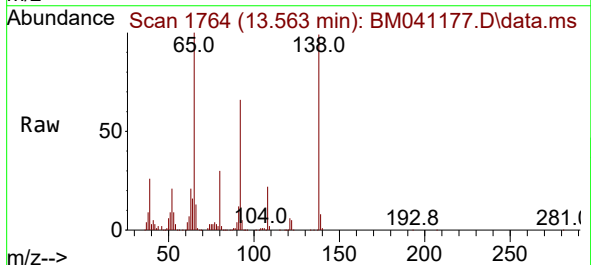
Instrument :
BNA_M
ClientSampleId :
PB154118BS

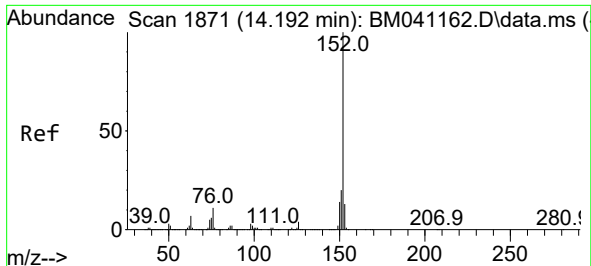
Tgt Ion:162 Resp: 817077
Ion Ratio Lower Upper
162 100
127 38.0 30.6 45.8
164 33.1 25.6 38.4



#48
2-Nitroaniline
Concen: 49.161 ng
RT: 13.563 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion: 65 Resp: 257167
Ion Ratio Lower Upper
65 100
92 66.0 53.0 79.4
138 99.3 79.1 118.7

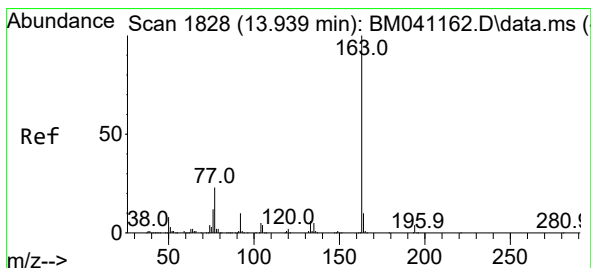
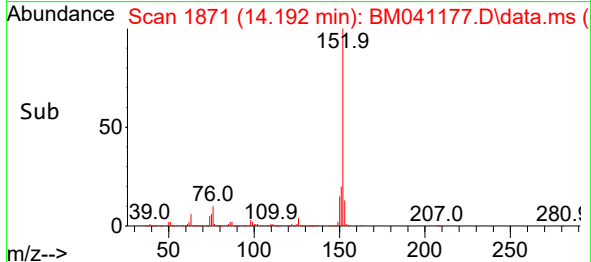
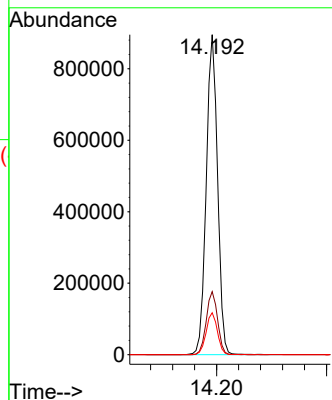
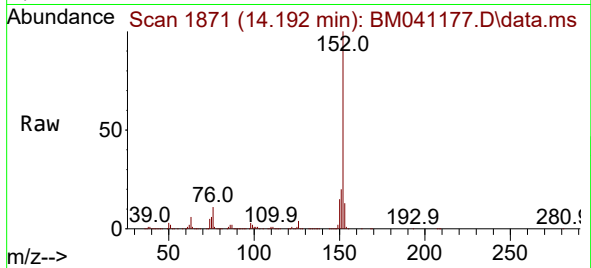




#49
Acenaphthylene
Concen: 48.169 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

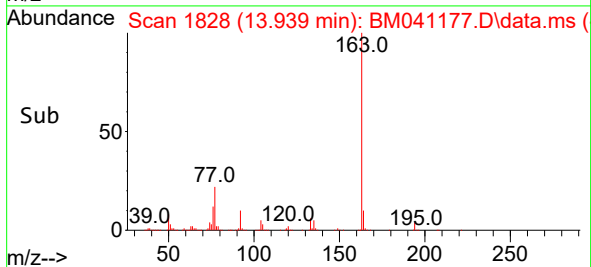
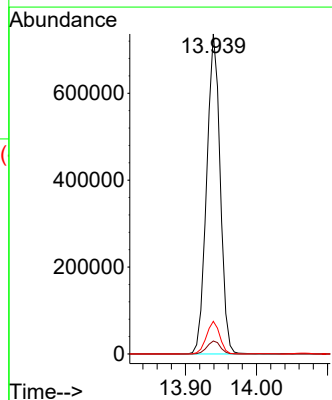
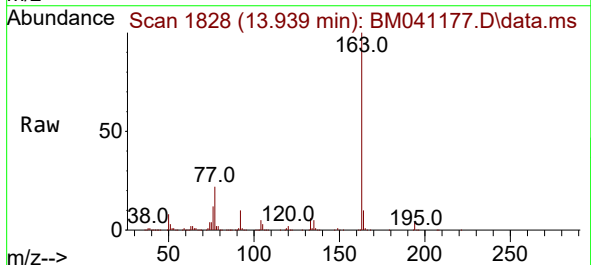
Instrument :
BNA_M
ClientSampleId :
PB154118BS

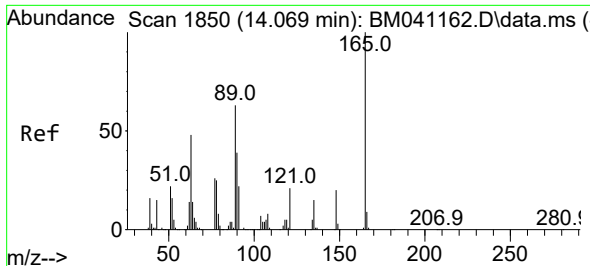
Tgt Ion:152 Resp: 1274165
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 47.945 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:163 Resp: 976406
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

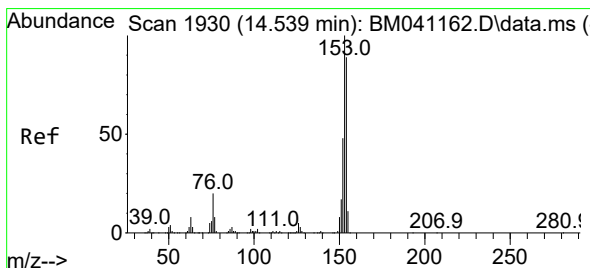
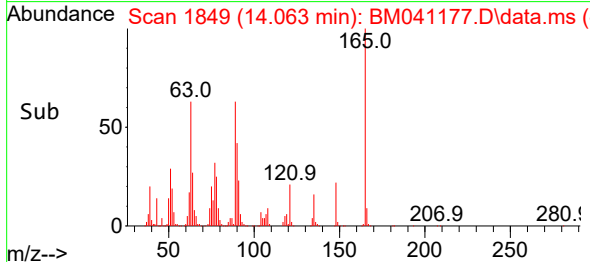
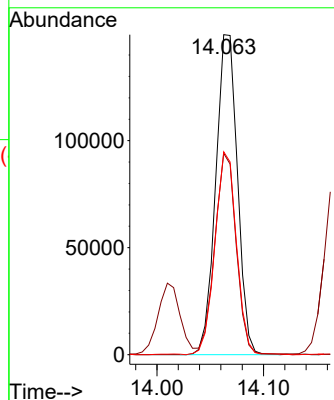
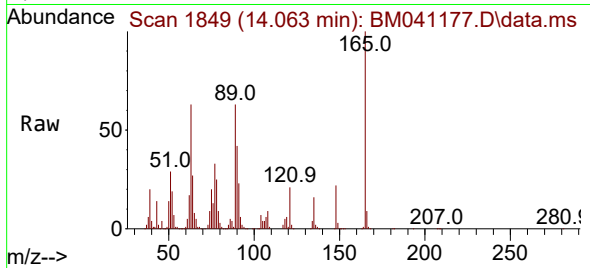




#51
2,6-Dinitrotoluene
Concen: 50.139 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

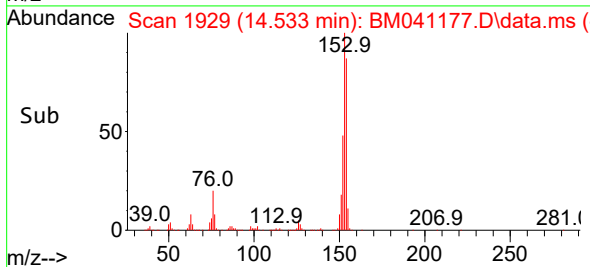
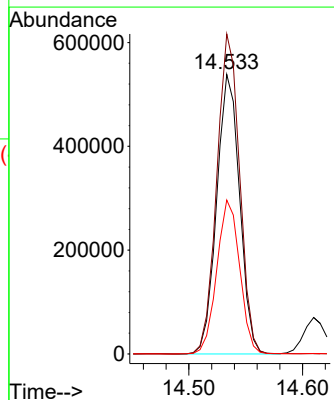
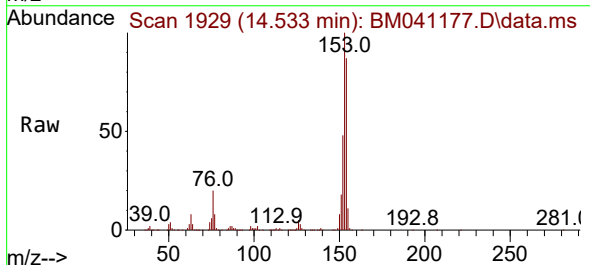
Instrument :
BNA_M
ClientSampleId :
PB154118BS

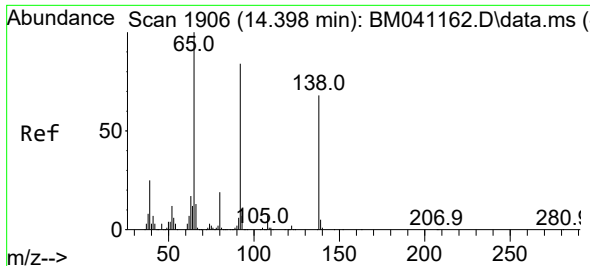
Tgt Ion:165 Resp: 211573
Ion Ratio Lower Upper
165 100
63 62.9 50.9 76.3
89 63.4 50.6 76.0



#52
Acenaphthene
Concen: 47.426 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:154 Resp: 755747
Ion Ratio Lower Upper
154 100
153 114.4 90.2 135.4
152 55.1 43.4 65.0

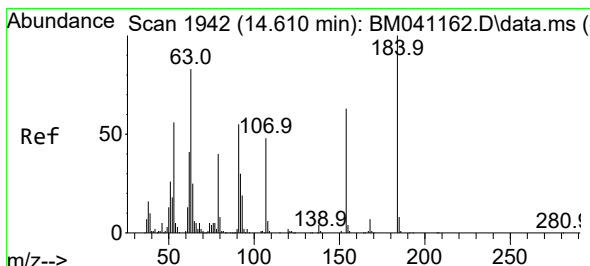
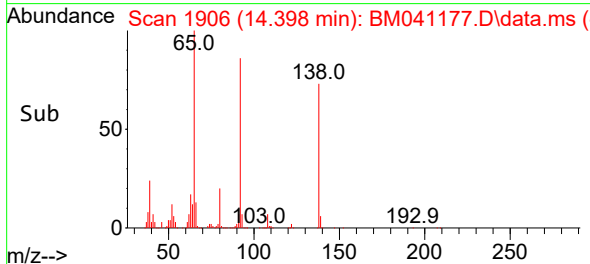
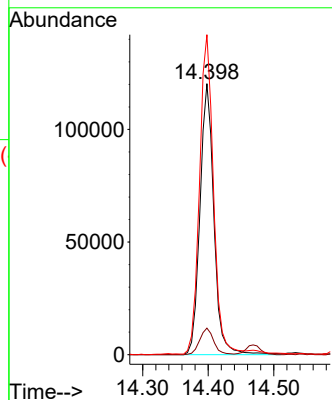
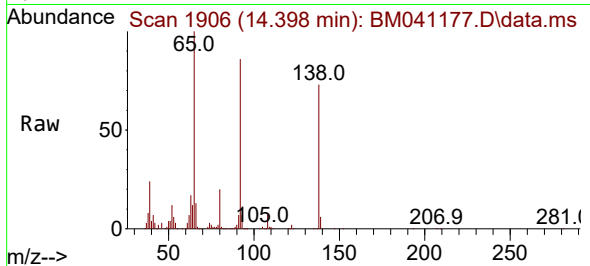




#53
3-Nitroaniline
Concen: 37.157 ng
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

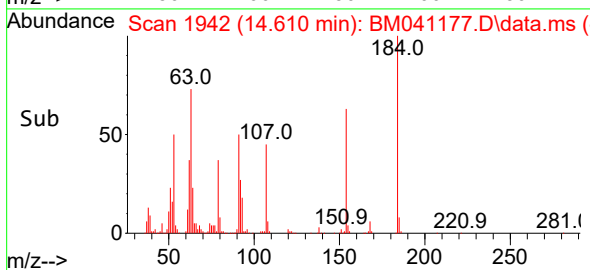
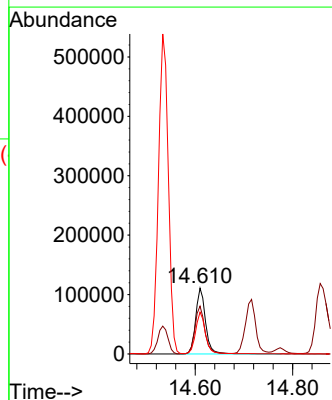
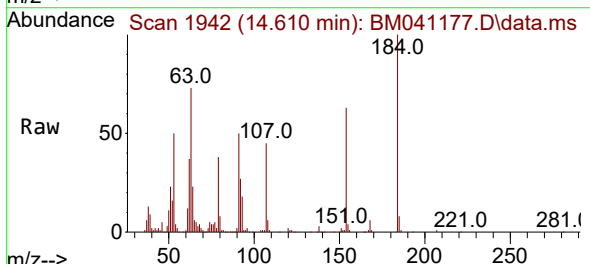
Instrument :
BNA_M
ClientSampleId :
PB154118BS

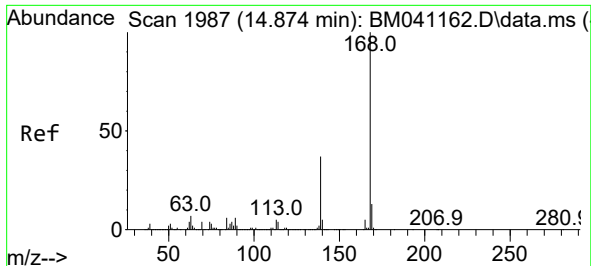
Tgt Ion:138 Resp: 178430
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 118.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 56.920 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:184 Resp: 157023
Ion Ratio Lower Upper
184 100
63 72.8 66.5 99.7
154 63.4 52.8 79.2

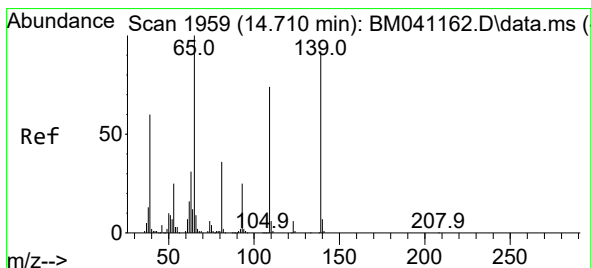
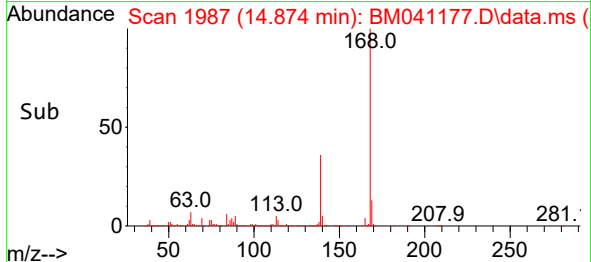
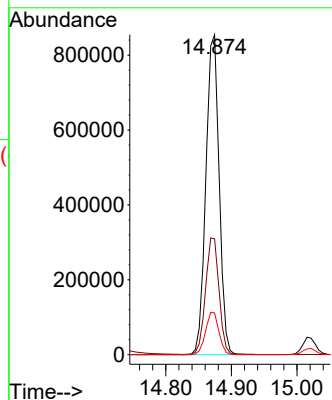
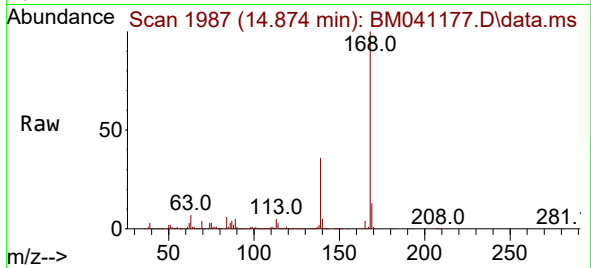




#55
Dibenzofuran
Concen: 46.382 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

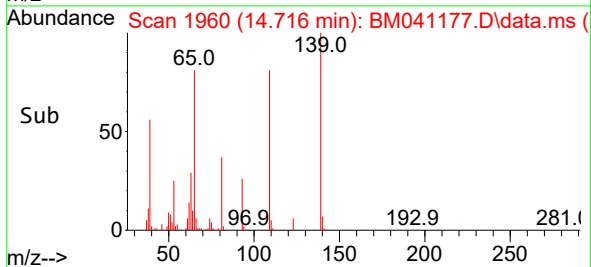
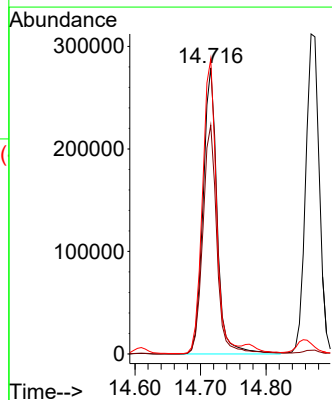
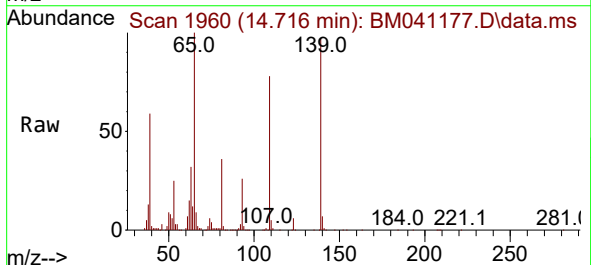
Instrument :
BNA_M
ClientSampleId :
PB154118BS

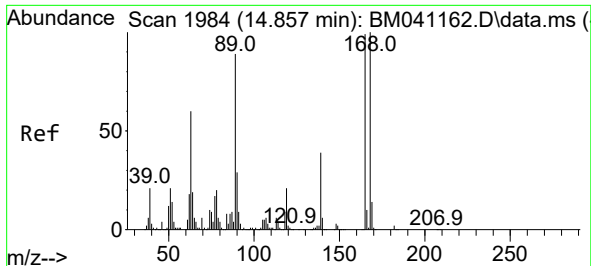
Tgt Ion:168 Resp: 1205906
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.6
169 13.0 10.5 15.7



#56
4-Nitrophenol
Concen: 118.543 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:139 Resp: 416890
Ion Ratio Lower Upper
139 100
109 80.0 61.2 101.2
65 103.1 89.5 129.5

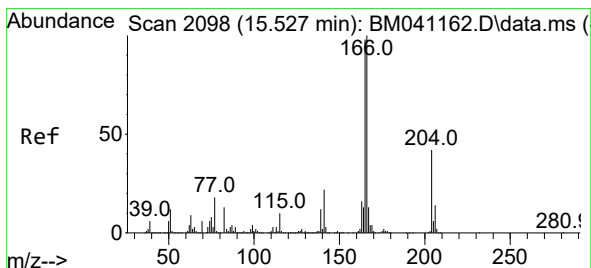
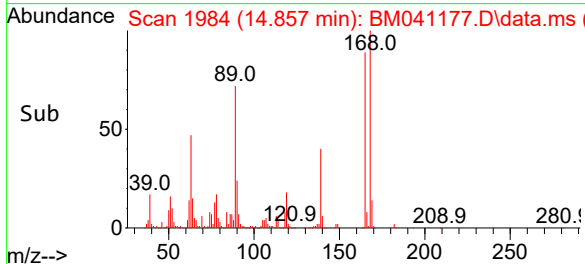
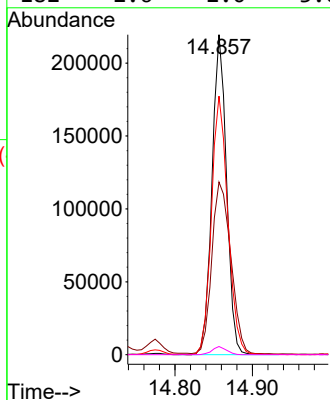
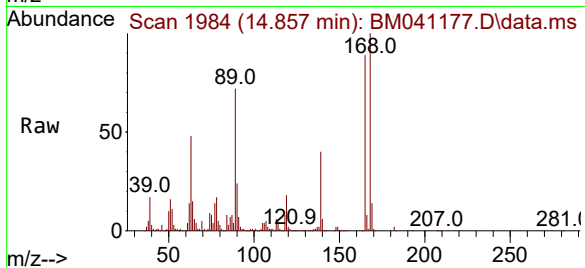




#57
2,4-Dinitrotoluene
Concen: 47.438 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

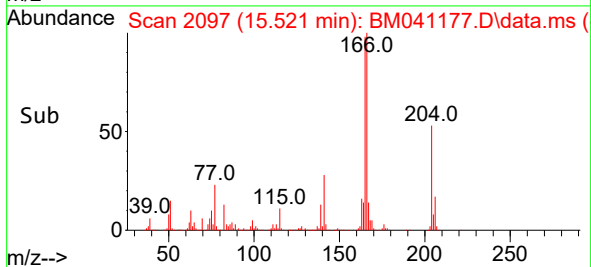
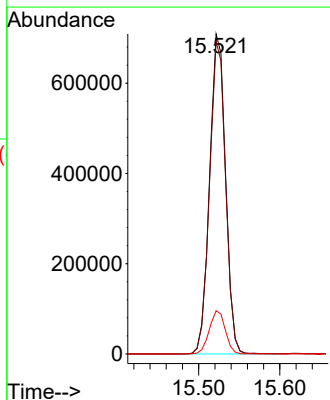
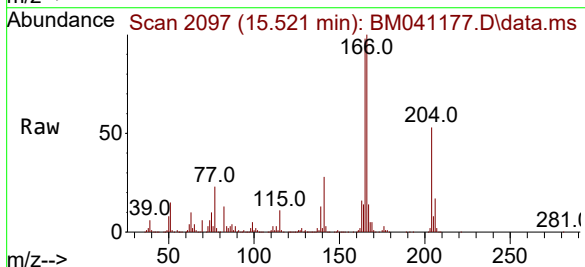
Instrument :
BNA_M
ClientSampleId :
PB154118BS

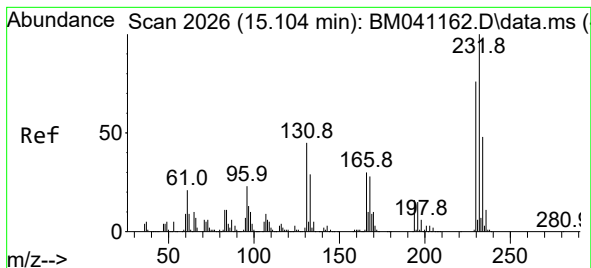
Tgt Ion:165 Resp: 285661
Ion Ratio Lower Upper
165 100
63 54.0 48.3 72.5
89 80.8 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 47.206 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:166 Resp: 968226
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.5 10.6 16.0

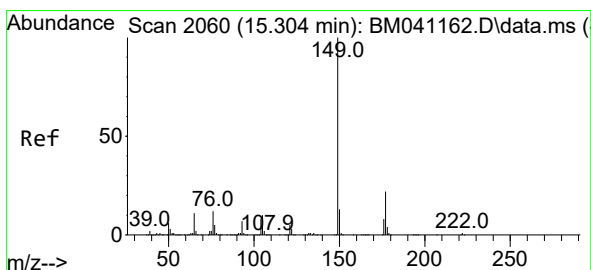
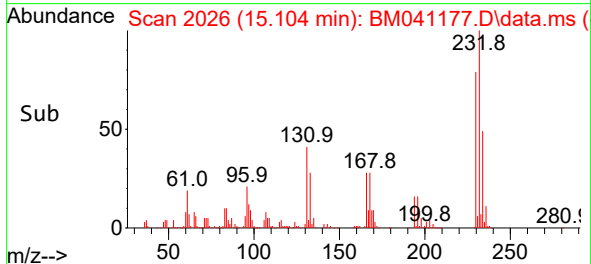
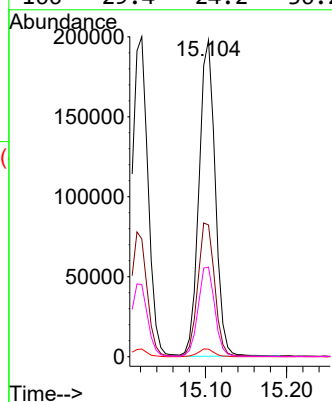
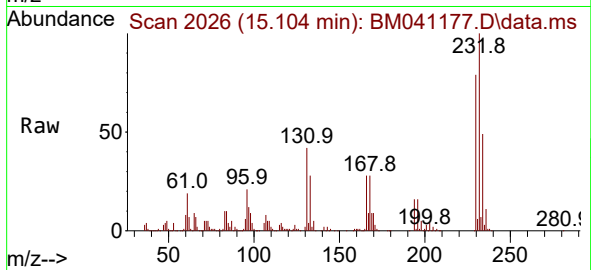




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.953 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

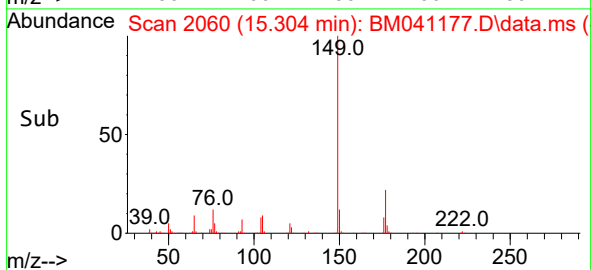
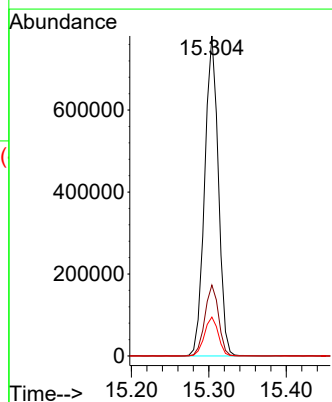
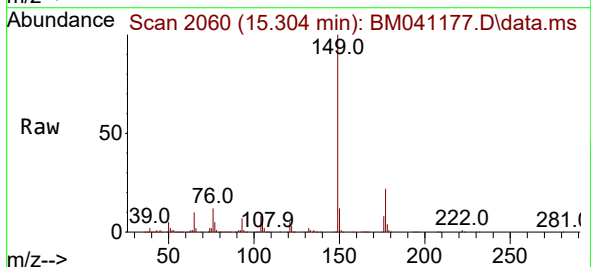
Instrument :
BNA_M
ClientSampleId :
PB154118BS

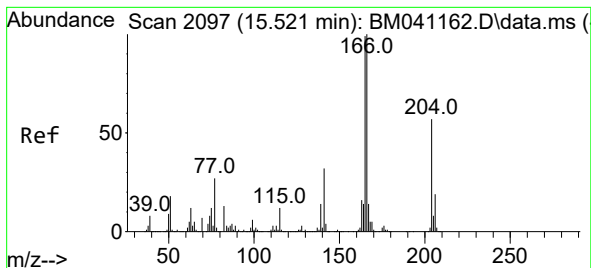
Tgt Ion:232 Resp: 274367
Ion Ratio Lower Upper
232 100
131 44.0 36.9 55.3
130 2.4 2.0 3.0
166 29.4 24.2 36.2



#60
Diethylphthalate
Concen: 48.532 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:149 Resp: 955811
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.2 10.1 15.1

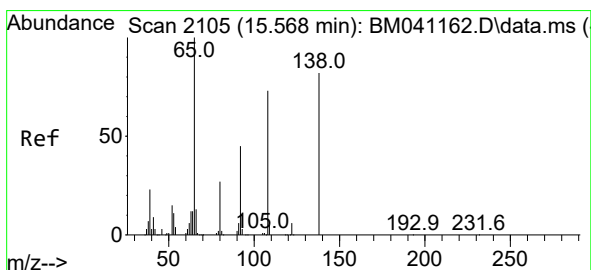
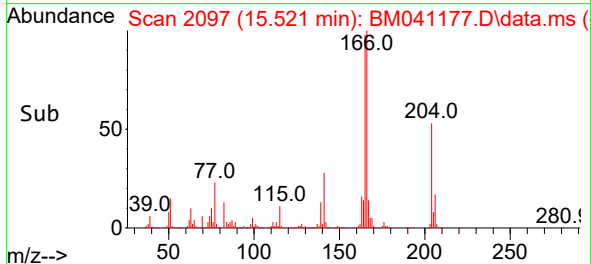
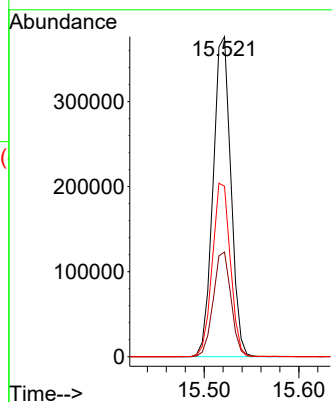
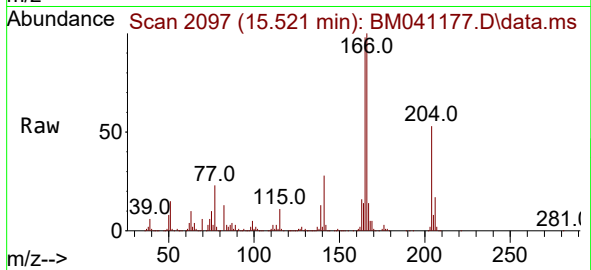




#61
4-Chlorophenyl-phenylether
Concen: 47.921 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

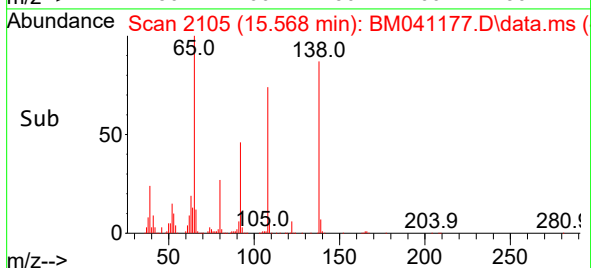
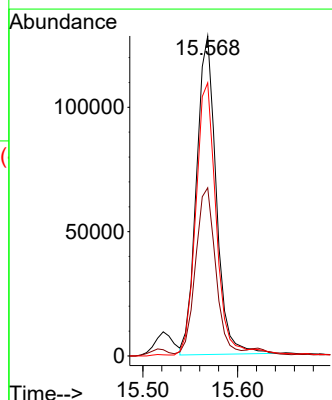
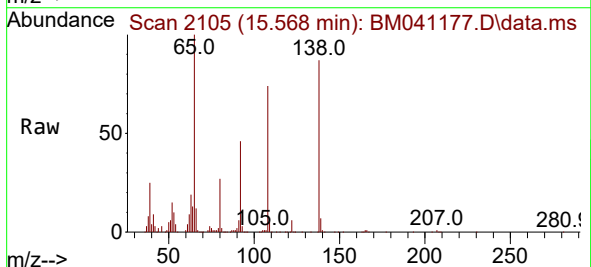
Instrument :
BNA_M
ClientSampleId :
PB154118BS

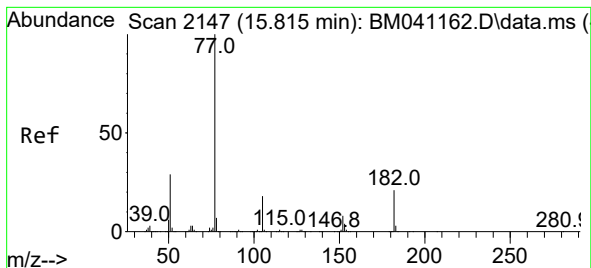
Tgt Ion:204 Resp: 492526
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 53.2 44.8 67.2



#62
4-Nitroaniline
Concen: 42.011 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:138 Resp: 186523
Ion Ratio Lower Upper
138 100
92 52.6 35.1 75.1
108 85.3 67.8 107.8





#63

Azobenzene

Concen: 46.146 ng

RT: 15.816 min Scan# 2147

Delta R.T. 0.001 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

Tgt Ion: 77 Resp: 995510

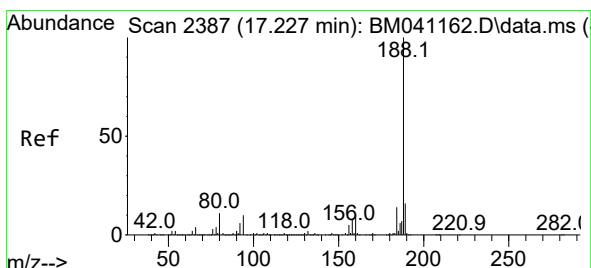
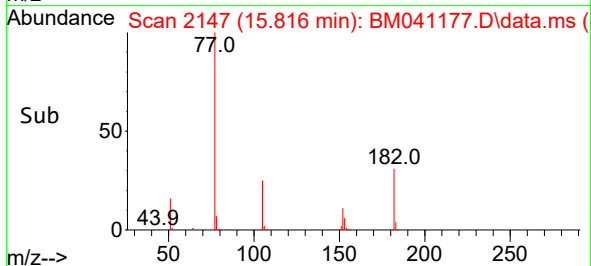
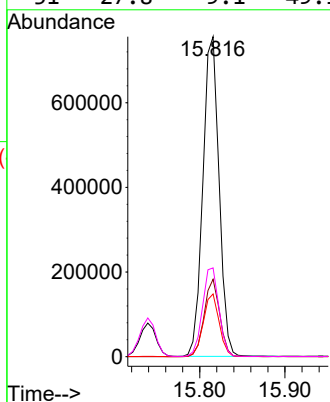
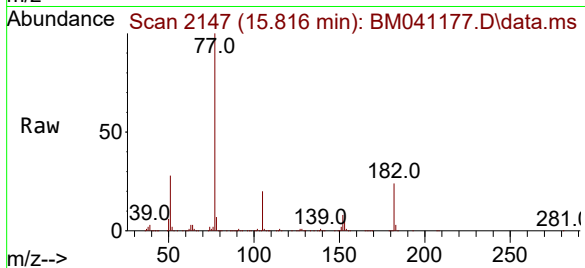
Ion Ratio Lower Upper

77 100

182 24.2 1.3 41.3

105 19.6 0.0 38.5

51 27.8 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

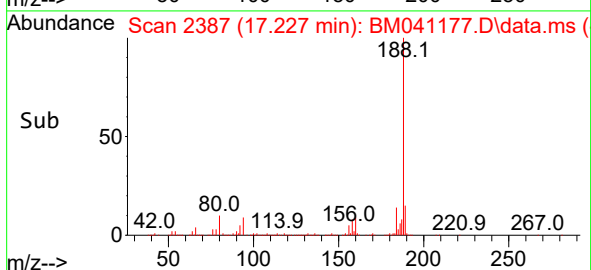
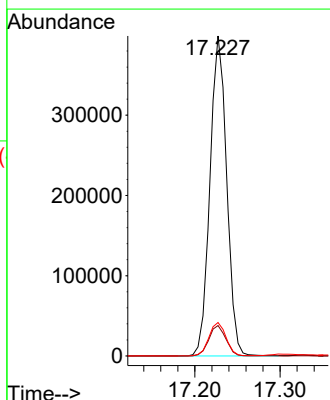
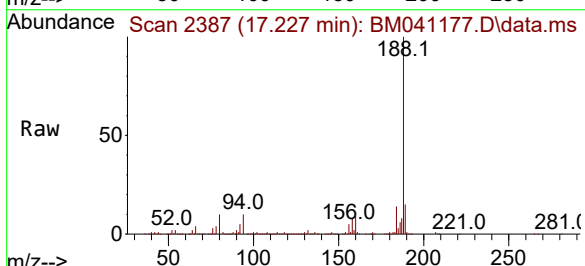
Tgt Ion: 188 Resp: 544222

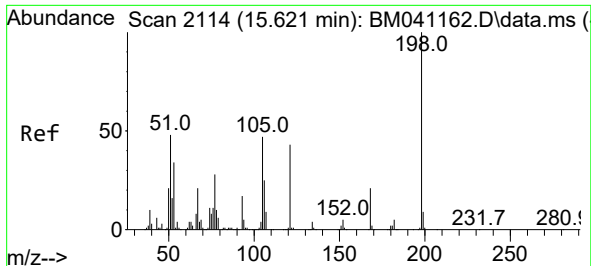
Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.5 8.6 13.0

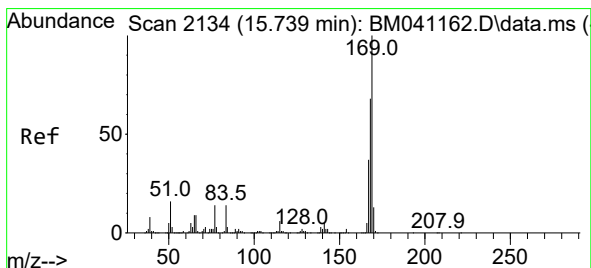
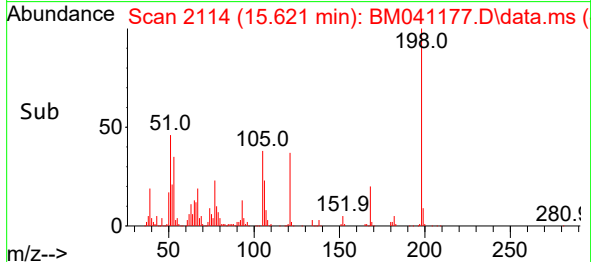
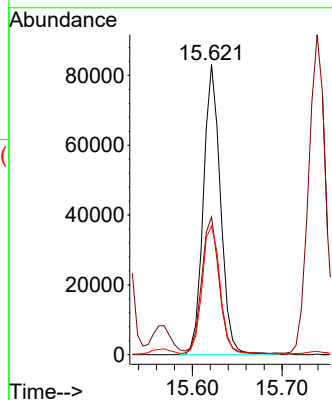
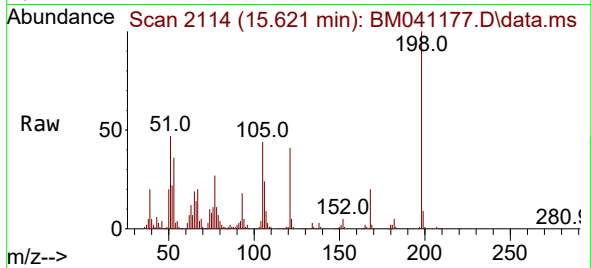




#65
4,6-Dinitro-2-methylphenol
Concen: 33.344 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

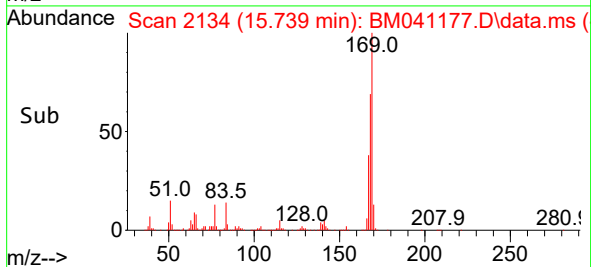
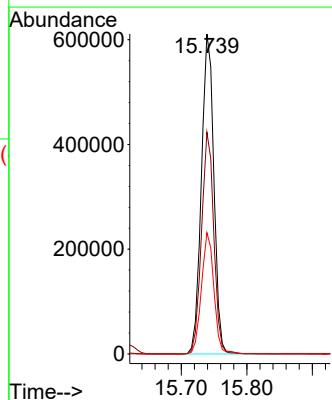
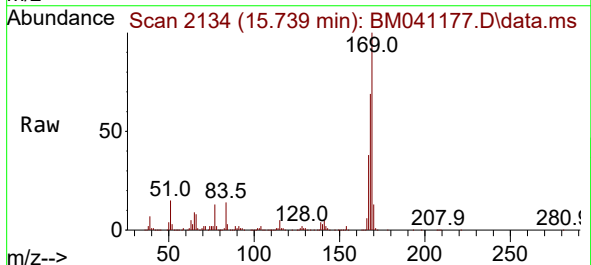
Instrument :
BNA_M
ClientSampleId :
PB154118BS

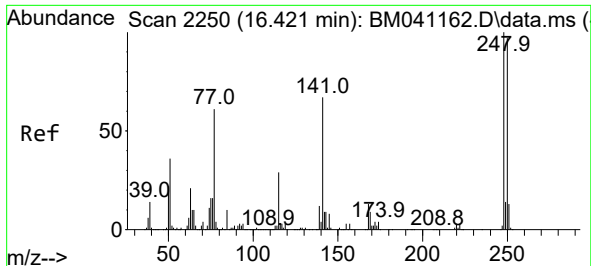
Tgt Ion:198 Resp: 109932
Ion Ratio Lower Upper
198 100
51 47.5 31.7 71.7
105 44.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 47.879 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:169 Resp: 810392
Ion Ratio Lower Upper
169 100
168 69.3 54.6 81.8
167 37.9 29.9 44.9

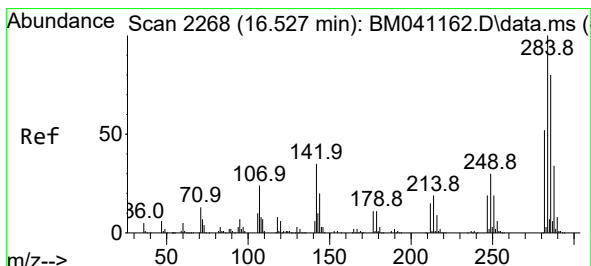
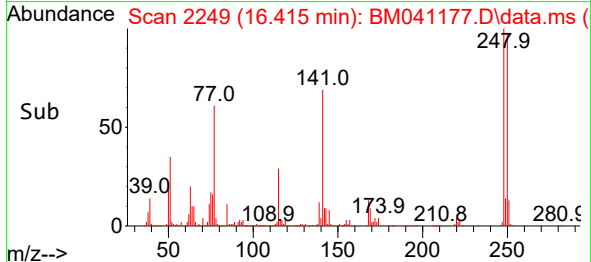
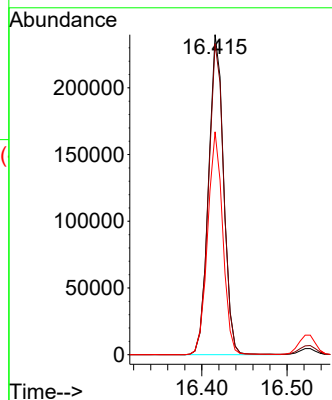
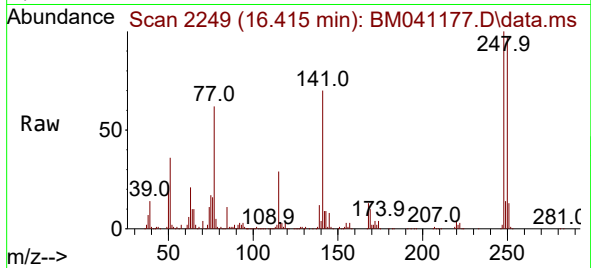




#67
4-Bromophenyl-phenylether
Concen: 49.427 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

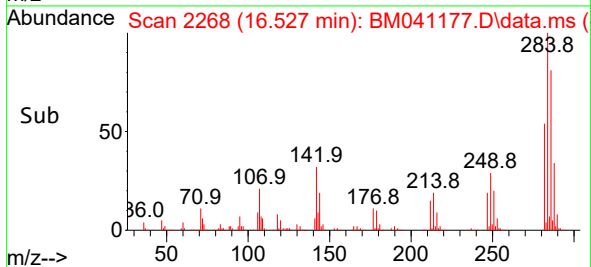
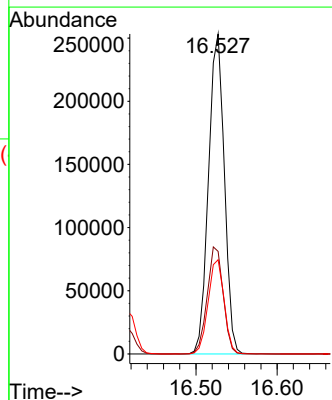
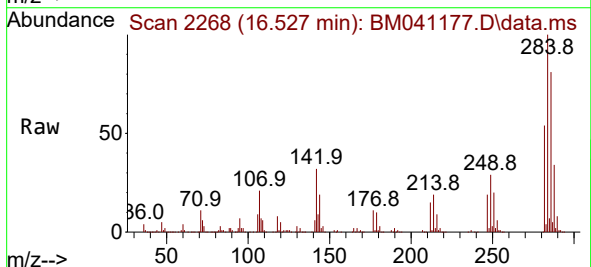
Instrument :
BNA_M
ClientSampleId :
PB154118BS

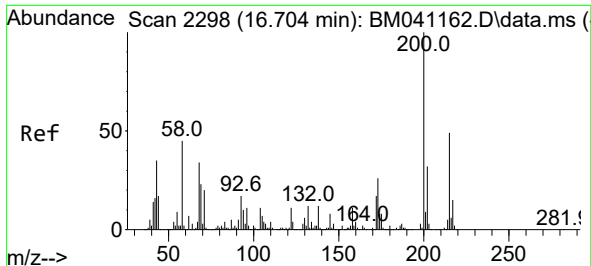
Tgt Ion:248 Resp: 294926
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 69.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 51.654 ng
RT: 16.527 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:284 Resp: 342726
Ion Ratio Lower Upper
284 100
142 32.0 28.0 42.0
249 29.5 23.7 35.5

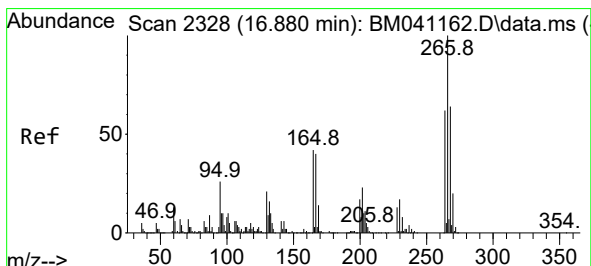
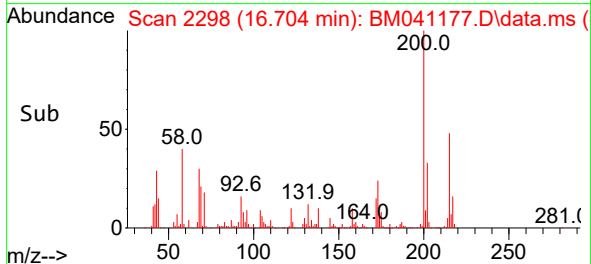
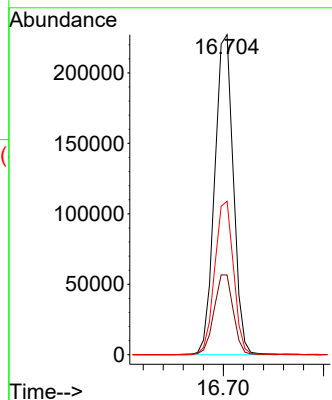
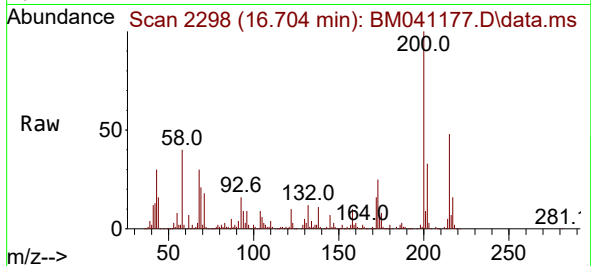




#69
 Atrazine
 Concen: 66.055 ng
 RT: 16.704 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

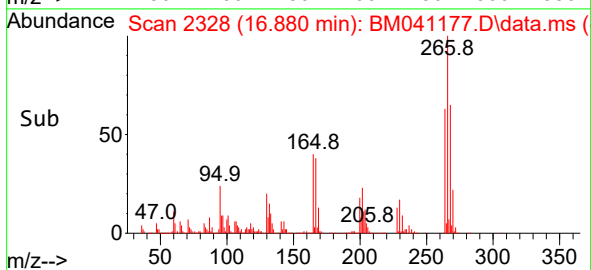
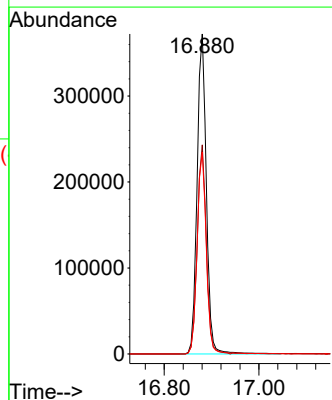
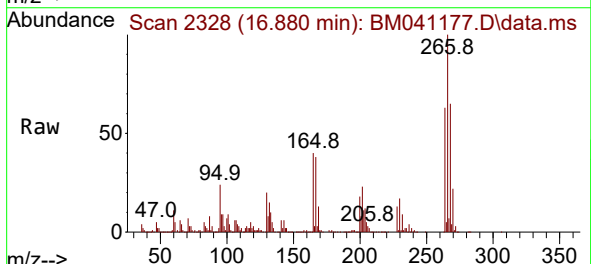
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

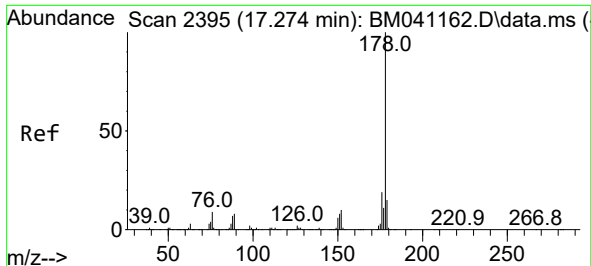
Tgt Ion:200 Resp: 293612
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.6 45.6
 215 47.9 28.5 68.5



#70
 Pentachlorophenol
 Concen: 109.943 ng
 RT: 16.880 min Scan# 2328
 Delta R.T. 0.000 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

Tgt Ion:266 Resp: 505128
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.0 76.6
 264 63.1 49.4 74.2

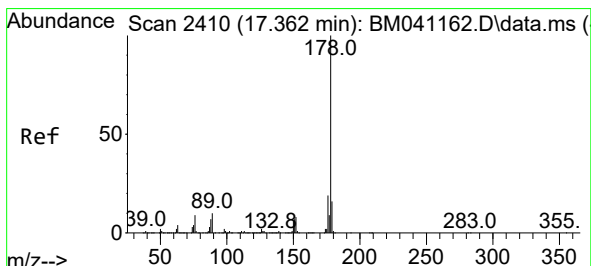
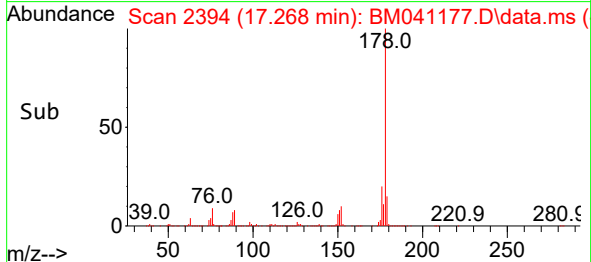
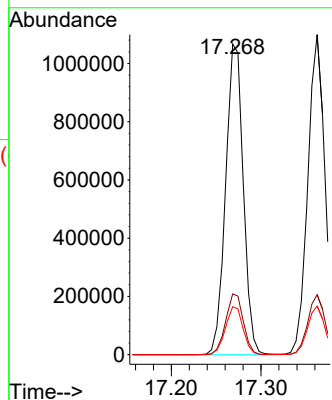
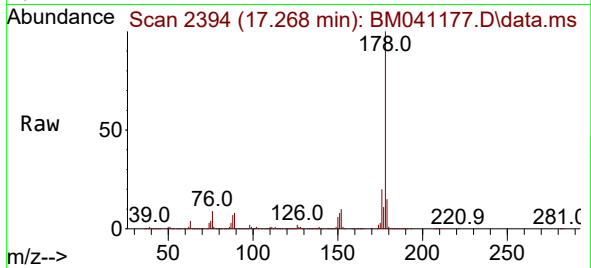




#71
Phenanthrene
Concen: 48.250 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

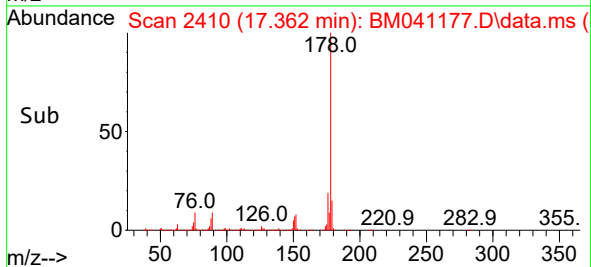
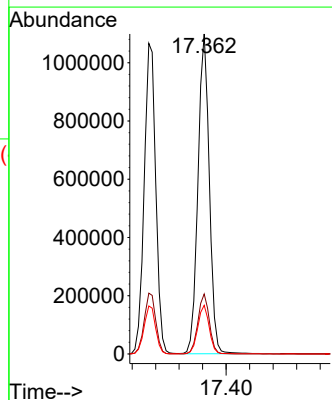
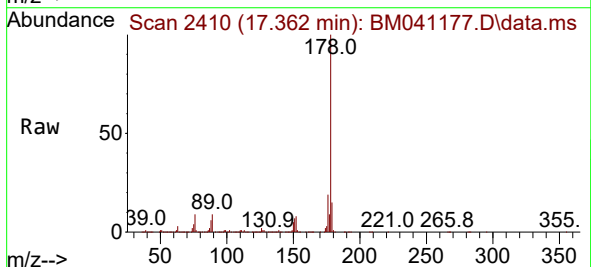
Instrument :
BNA_M
ClientSampleId :
PB154118BS

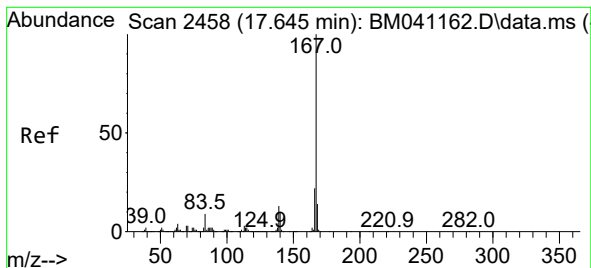
Tgt Ion:178 Resp: 1458933
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.1 18.1



#72
Anthracene
Concen: 49.174 ng
RT: 17.362 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:178 Resp: 1470550
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.2 12.4 18.6





#73

Carbazole

Concen: 51.484 ng

RT: 17.645 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

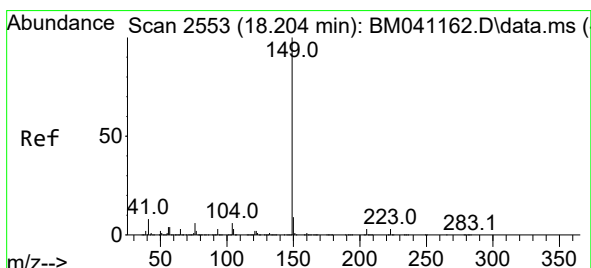
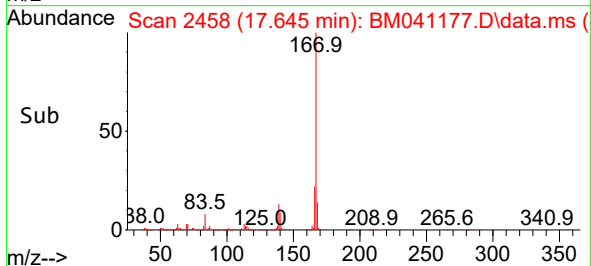
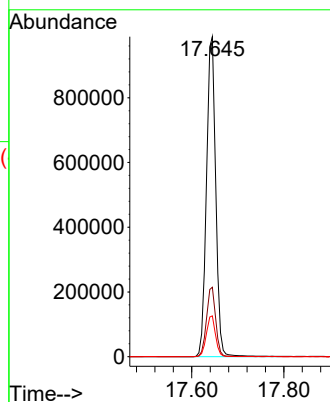
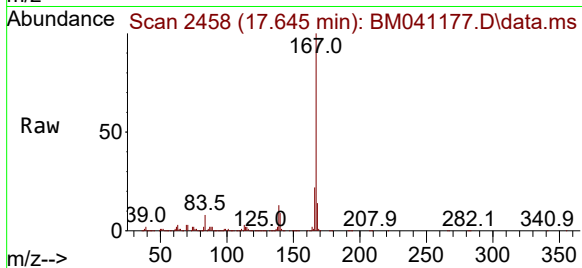
Tgt Ion:167 Resp: 1393522

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.721 ng

RT: 18.204 min Scan# 2553

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

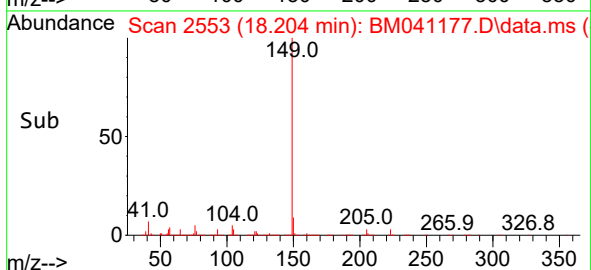
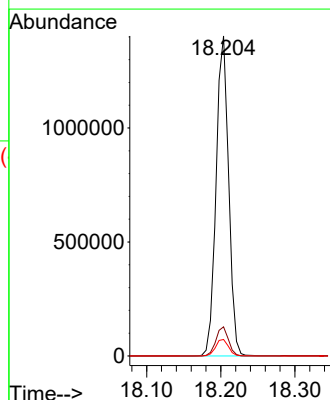
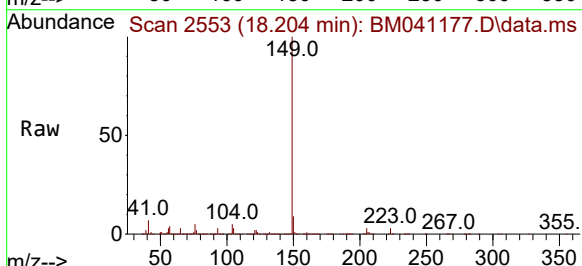
Tgt Ion:149 Resp: 1643135

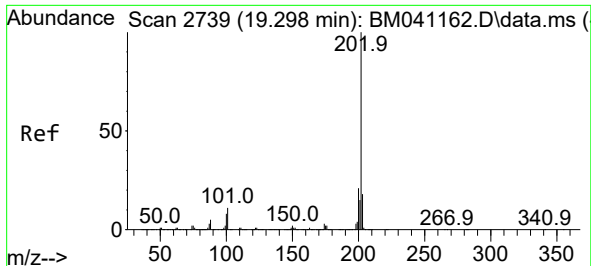
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.1 4.5 6.7

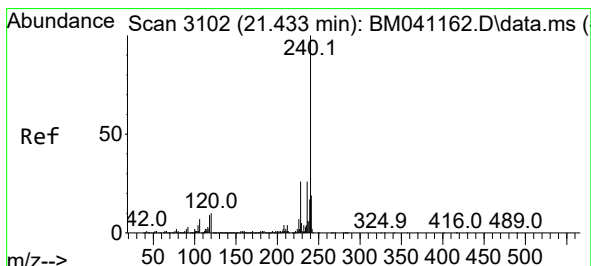
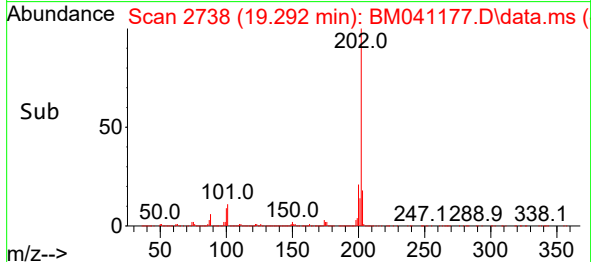
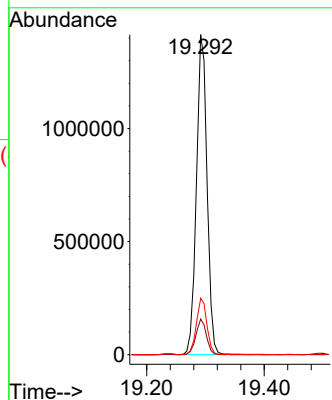
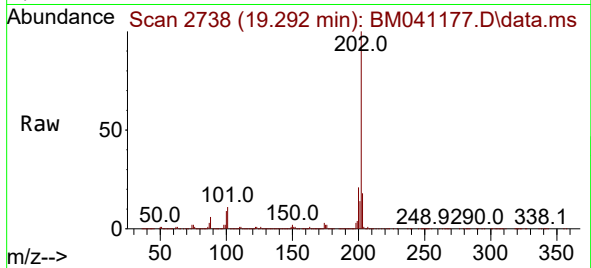




#75
Fluoranthene
Concen: 52.187 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

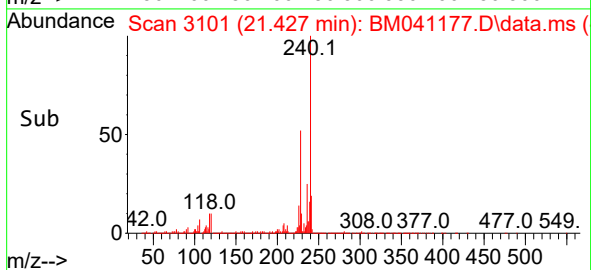
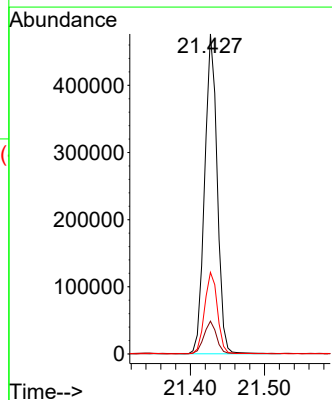
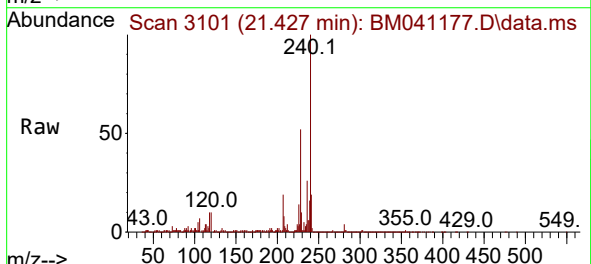
Instrument :
BNA_M
ClientSampleId :
PB154118BS

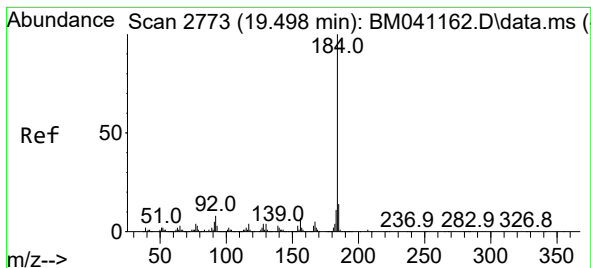
Tgt Ion:202 Resp: 1772828
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:240 Resp: 558891
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.5 20.6 30.8





#77

Benzidine

Concen: 151.692 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

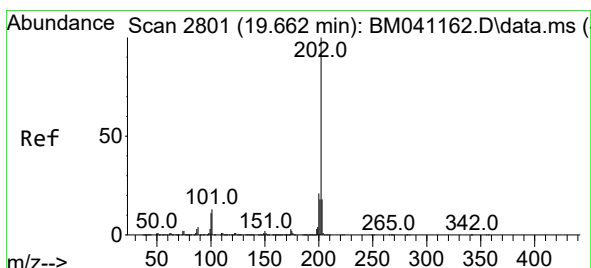
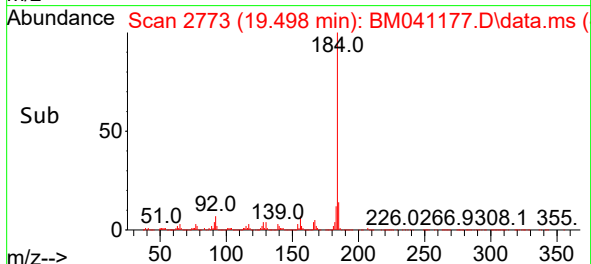
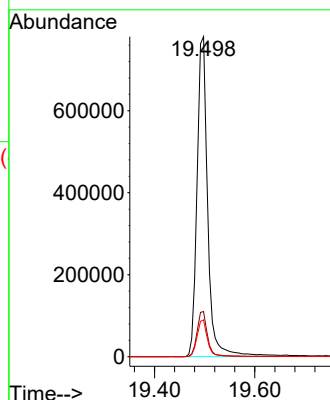
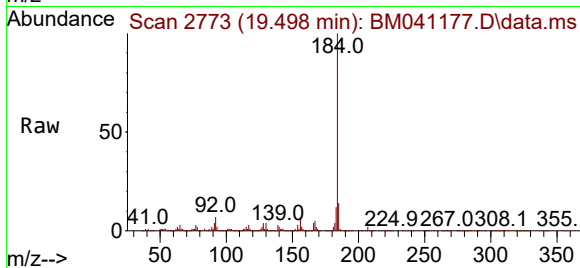
Tgt Ion:184 Resp: 1155534

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.5 9.2 13.8



#78

Pyrene

Concen: 47.903 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

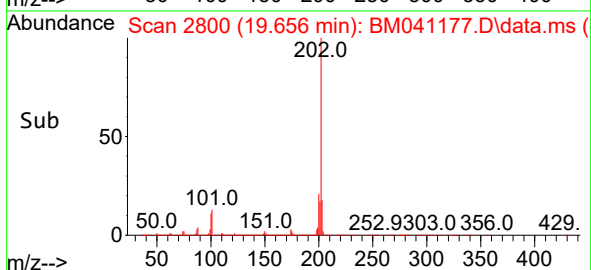
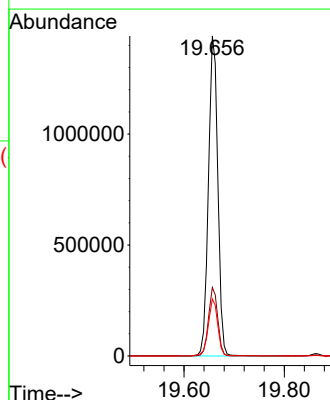
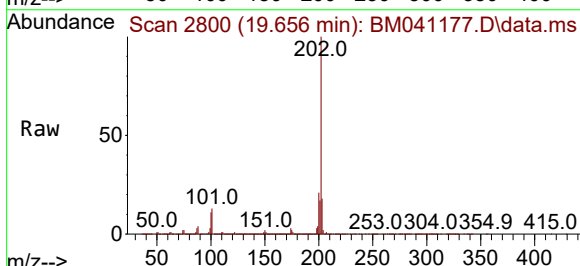
Tgt Ion:202 Resp: 1872239

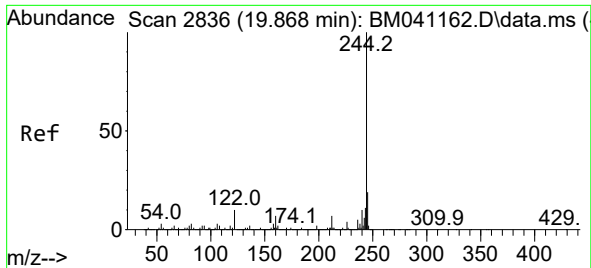
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.8 14.1 21.1

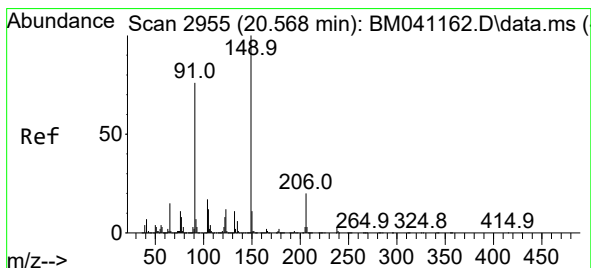
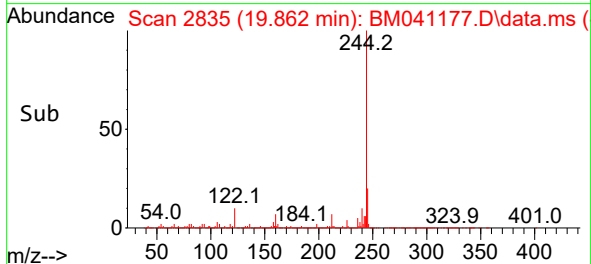
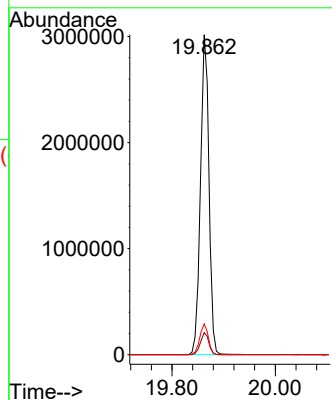
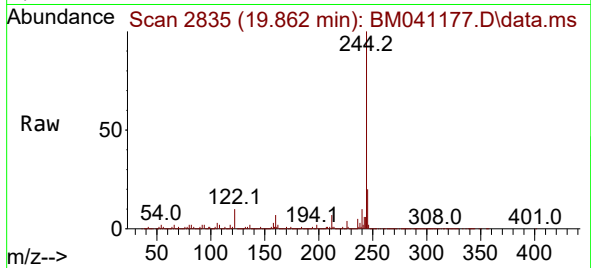




#79
 Terphenyl-d14
 Concen: 111.109 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

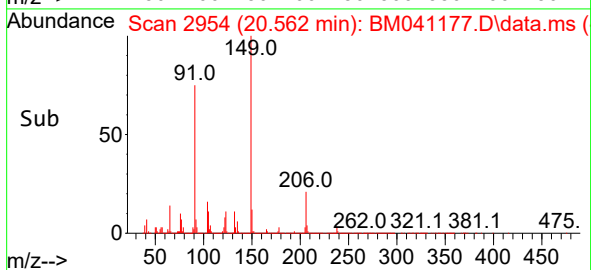
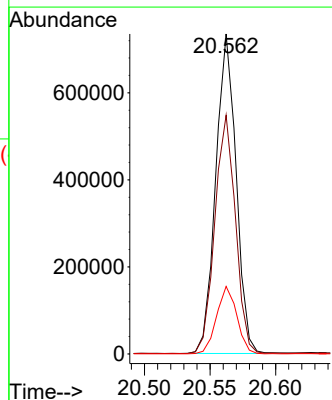
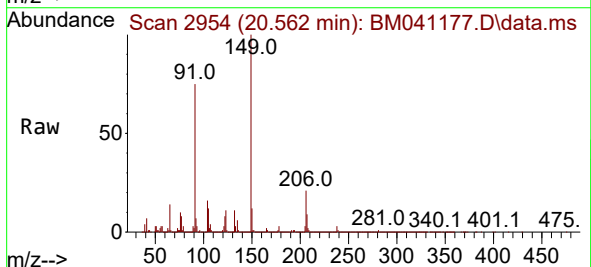
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

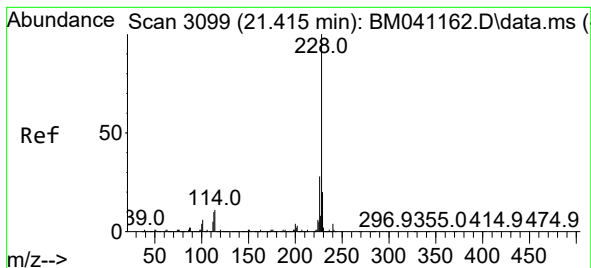
Tgt Ion:244 Resp: 3434503
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.6 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 55.529 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM041177.D
 Acq: 28 Jul 2023 22:16

Tgt Ion:149 Resp: 792555
 Ion Ratio Lower Upper
 149 100
 91 74.6 60.8 91.2
 206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.425 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

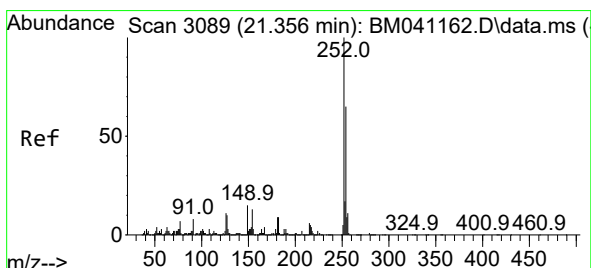
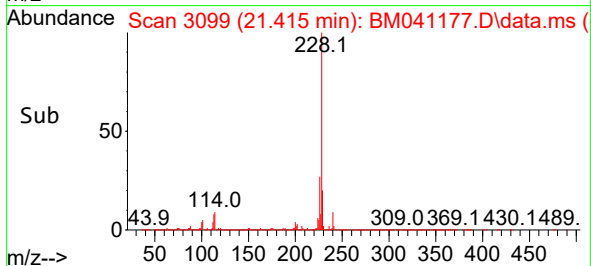
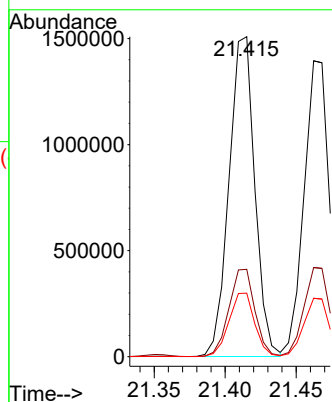
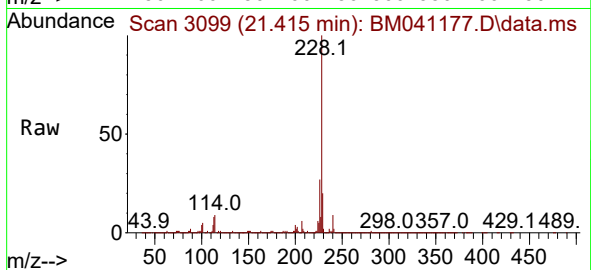
Tgt Ion:228 Resp: 1910523

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 60.347 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

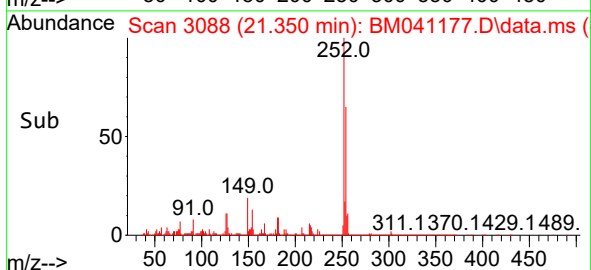
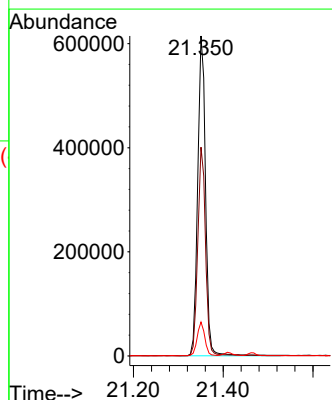
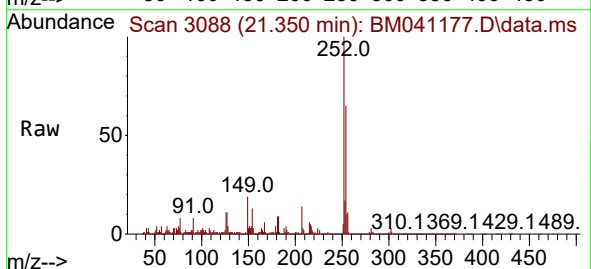
Tgt Ion:252 Resp: 746093

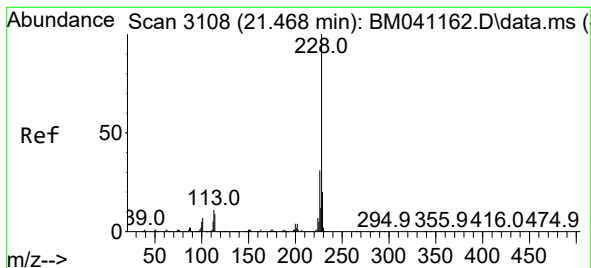
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

126 10.6 8.6 13.0





#83

Chrysene

Concen: 47.482 ng

RT: 21.462 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

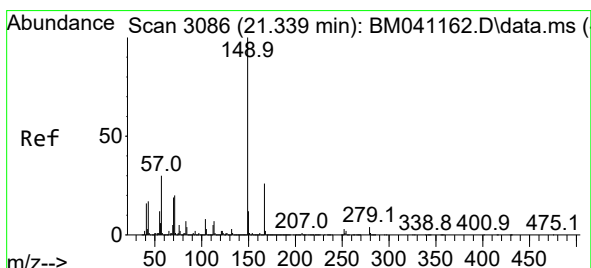
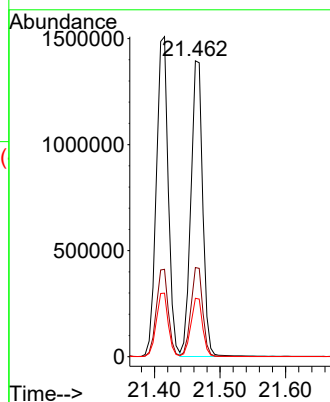
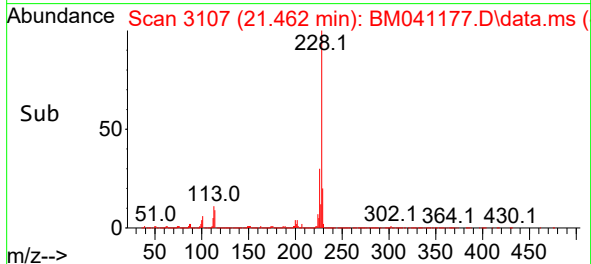
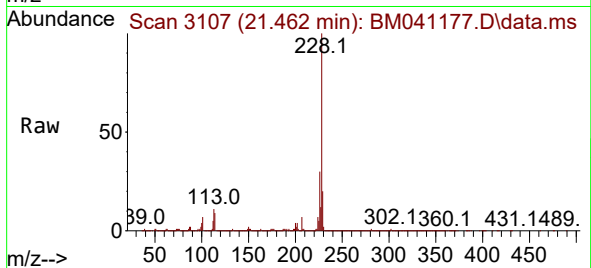
Tgt Ion:228 Resp: 1740085

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.588 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

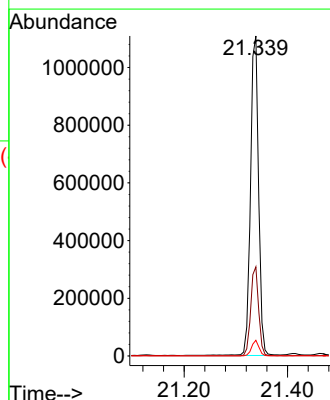
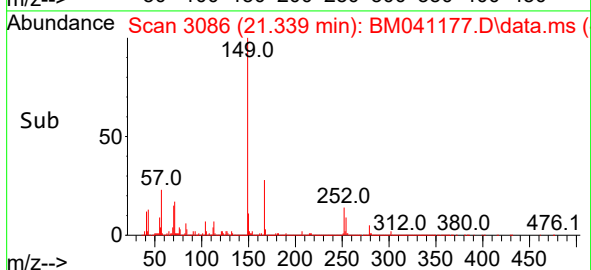
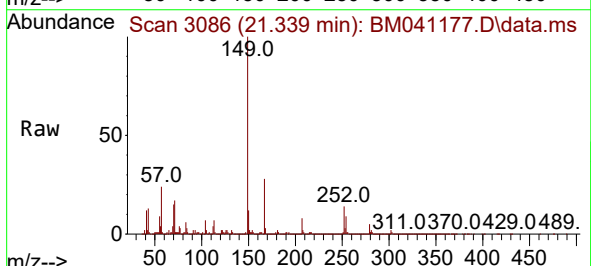
Tgt Ion:149 Resp: 1197778

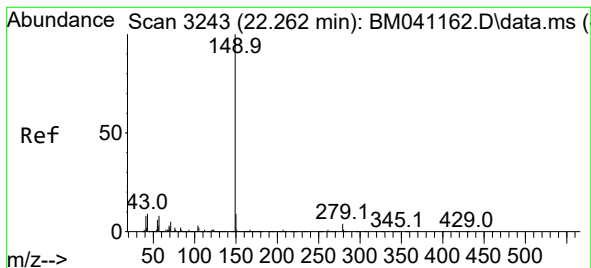
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.9 3.1 4.7#

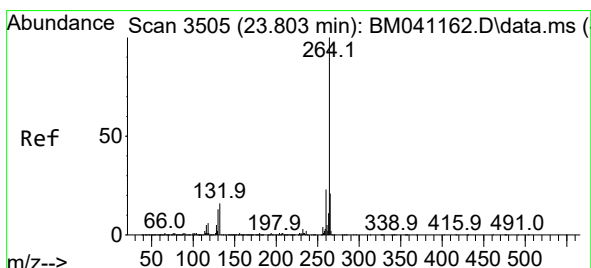
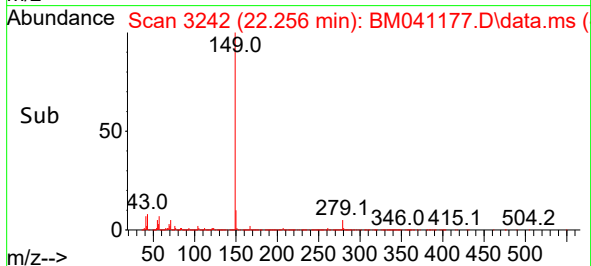
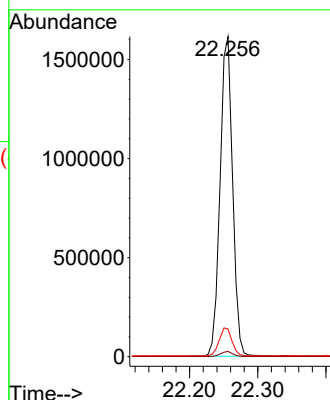
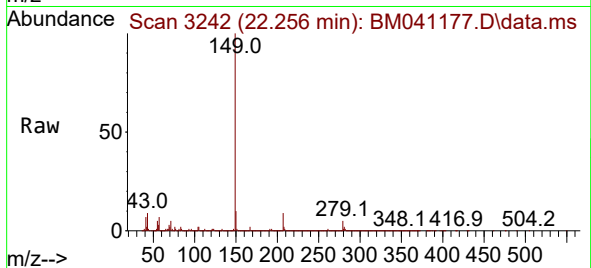




#85
Di-n-octyl phthalate
Concen: 57.221 ng
RT: 22.256 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

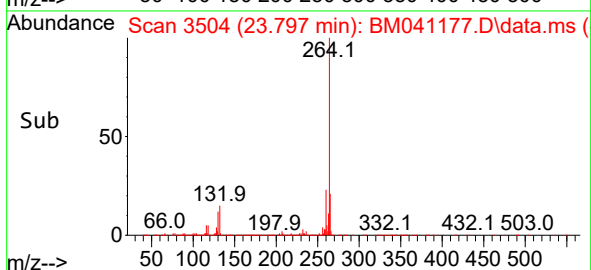
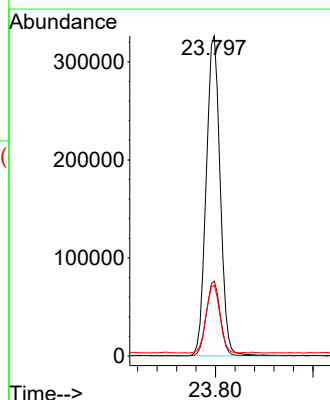
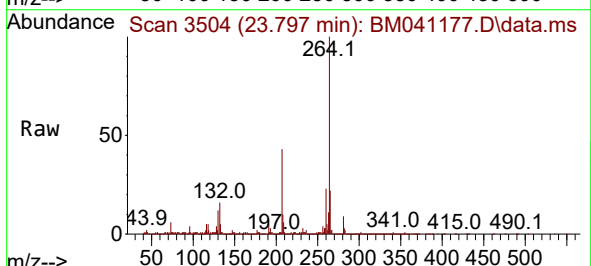
Instrument :
BNA_M
ClientSampleId :
PB154118BS

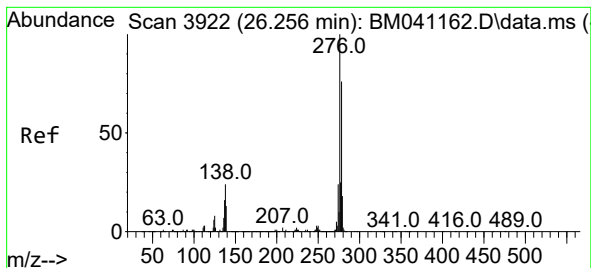
Tgt Ion:149 Resp: 2064090
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041177.D
Acq: 28 Jul 2023 22:16

Tgt Ion:264 Resp: 646890
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.080 ng

RT: 26.250 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

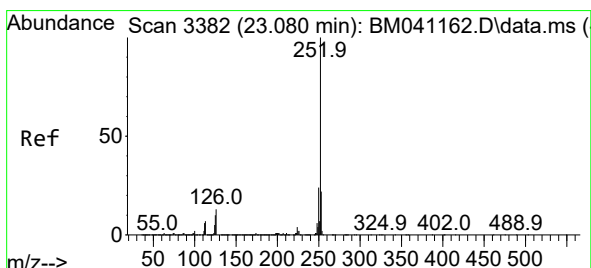
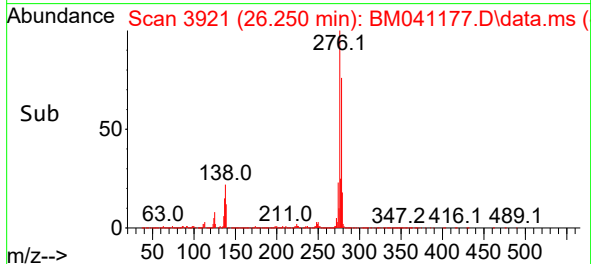
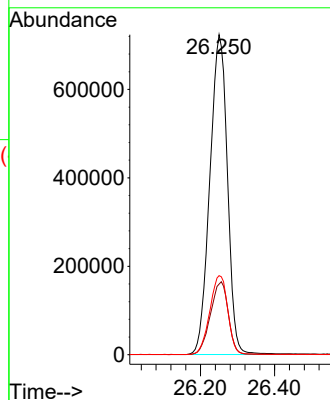
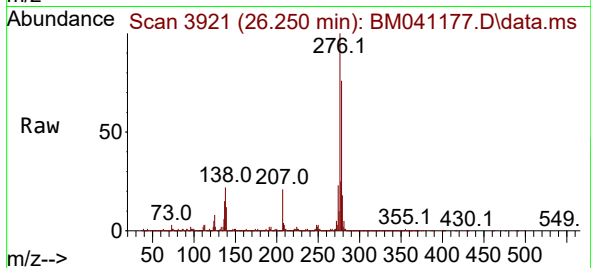
Tgt Ion:276 Resp: 2381810

Ion Ratio Lower Upper

276 100

138 23.2 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.967 ng

RT: 23.080 min Scan# 3382

Delta R.T. 0.000 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

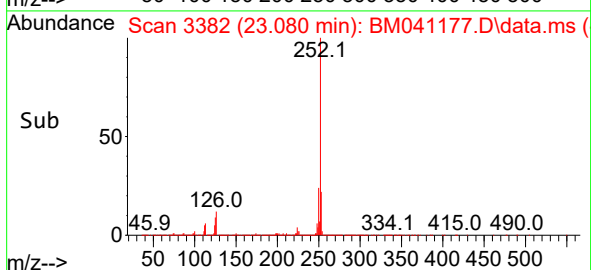
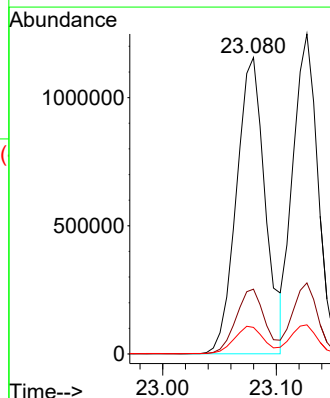
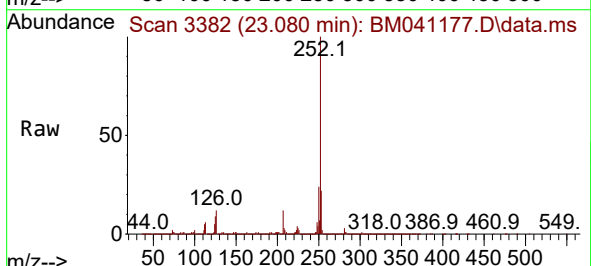
Tgt Ion:252 Resp: 2035469

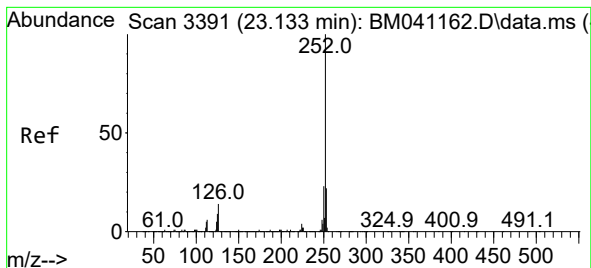
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.520 ng

RT: 23.127 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

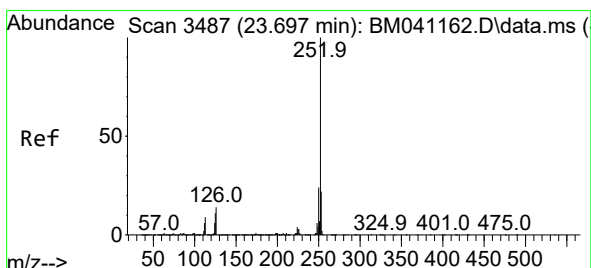
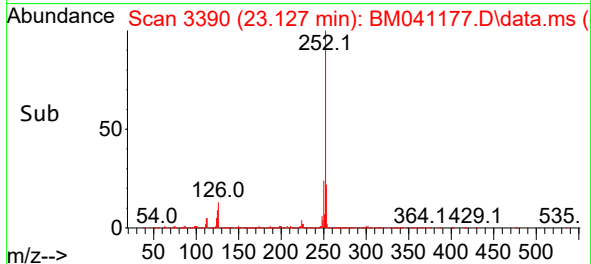
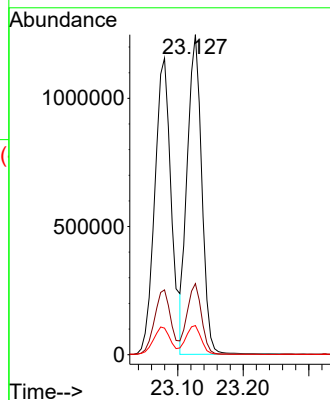
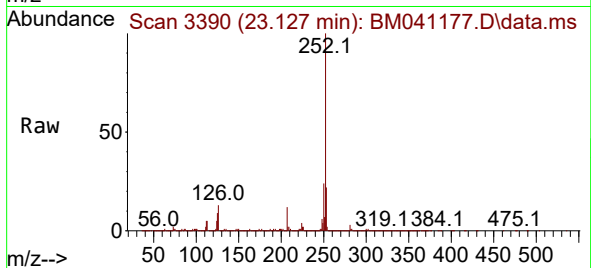
Tgt Ion:252 Resp: 1907285

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.1 7.6 11.4



#90

Benzo(a)pyrene

Concen: 47.324 ng

RT: 23.691 min Scan# 3486

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

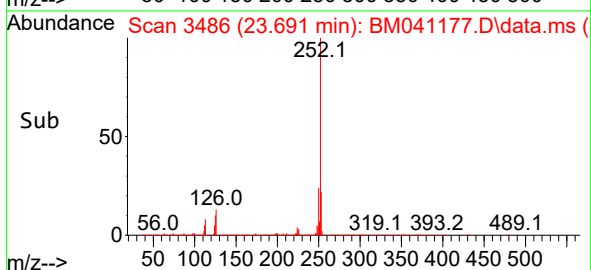
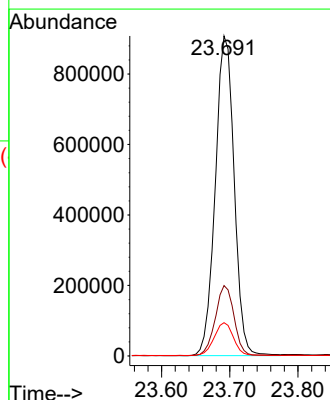
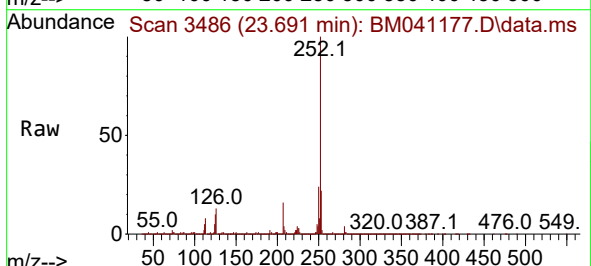
Tgt Ion:252 Resp: 1747432

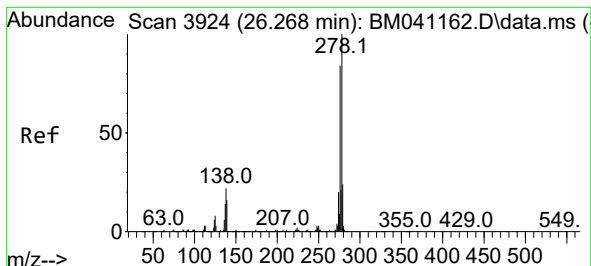
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.305 ng

RT: 26.262 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Instrument :

BNA_M

ClientSampleId :

PB154118BS

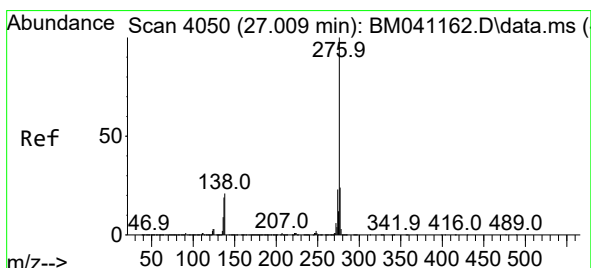
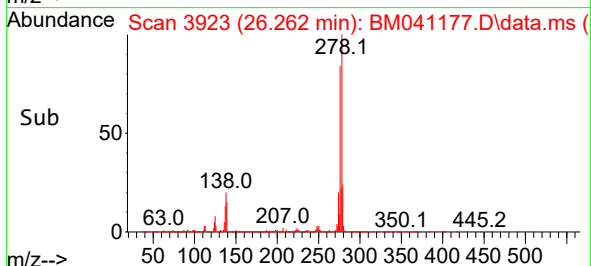
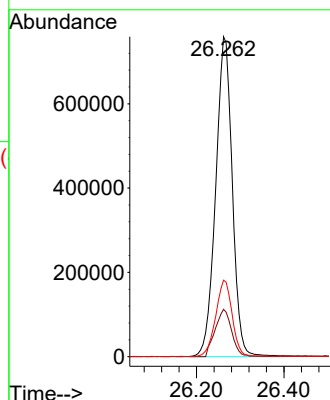
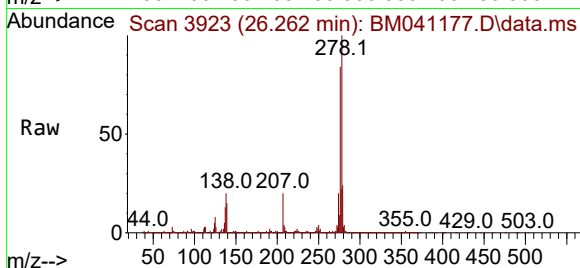
Tgt Ion:278 Resp: 1995544

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.355 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BM041177.D

Acq: 28 Jul 2023 22:16

Tgt Ion:276 Resp: 1915738

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 20.2 17.1 25.7

