

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041175.D
 Acq On : 28 Jul 2023 21:00
 Operator : MA/JU
 Sample : 03645-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MSD

Quant Time: Jul 29 01:19:01 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	193205	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	741556	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	413329	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	855318	20.000	ng	0.00
76) Chrysene-d12	21.427	240	829098	20.000	ng	0.00
86) Perylene-d12	23.797	264	953040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1274916	98.624	ng	0.00
7) Phenol-d6	6.987	99	1699807	101.442	ng	0.00
23) Nitrobenzene-d5	8.981	82	1038401	65.120	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	619684	105.996	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2138068	65.345	ng	0.00
79) Terphenyl-d14	19.862	244	3259782	71.088	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	199360	36.050	ng	99
3) Pyridine	3.675	79	465061	31.984	ng	100
4) n-Nitrosodimethylamine	3.587	42	287422	42.740	ng	96
6) Aniline	7.140	93	791045	40.339	ng	99
8) 2-Chlorophenol	7.369	128	596694	47.282	ng	100
9) Benzaldehyde	6.951	77	393107	44.460	ng	99
10) Phenol	7.010	94	782933	48.377	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	597034	45.574	ng	98
12) 1,3-Dichlorobenzene	7.692	146	638108	46.452	ng	99
13) 1,4-Dichlorobenzene	7.839	146	650972	47.147	ng	99
14) 1,2-Dichlorobenzene	8.157	146	617270	46.626	ng	99
15) Benzyl Alcohol	8.057	79	540064	51.036	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	790938	45.314	ng	99
17) 2-Methylphenol	8.263	107	502632	45.459	ng	100
18) Hexachloroethane	8.875	117	243124	47.297	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	468968	46.078	ng	99
20) 3+4-Methylphenols	8.592	107	685703	46.383	ng	99
22) Acetophenone	8.645	105	885028	45.063	ng	# 100
24) Nitrobenzene	9.022	77	698142	43.294	ng	99
25) Isophorone	9.551	82	1253446	46.307	ng	100
26) 2-Nitrophenol	9.733	139	306987	48.698	ng	97
27) 2,4-Dimethylphenol	9.798	122	513169	46.261	ng	100
28) bis(2-Chloroethoxy)met...	10.033	93	759574	44.798	ng	99
29) 2,4-Dichlorophenol	10.269	162	543659	48.599	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	564872	45.704	ng	98
31) Naphthalene	10.663	128	1762958	43.810	ng	100
32) Benzoic acid	9.957	122	402637	48.279	ng	98
33) 4-Chloroaniline	10.792	127	635498	39.517	ng	99
34) Hexachlorobutadiene	10.933	225	332959	44.793	ng	98
35) Caprolactam	11.610	113	66227	20.465	ng	93
36) 4-Chloro-3-methylphenol	11.922	107	569391	48.360	ng	99
37) 2-Methylnaphthalene	12.280	142	1198580	44.180	ng	99
38) 1-Methylnaphthalene	12.504	142	1119548	44.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	612424	45.631	ng	99
41) Hexachlorocyclopentadiene	12.616	237	668146	94.099	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	413685	48.090	ng	99

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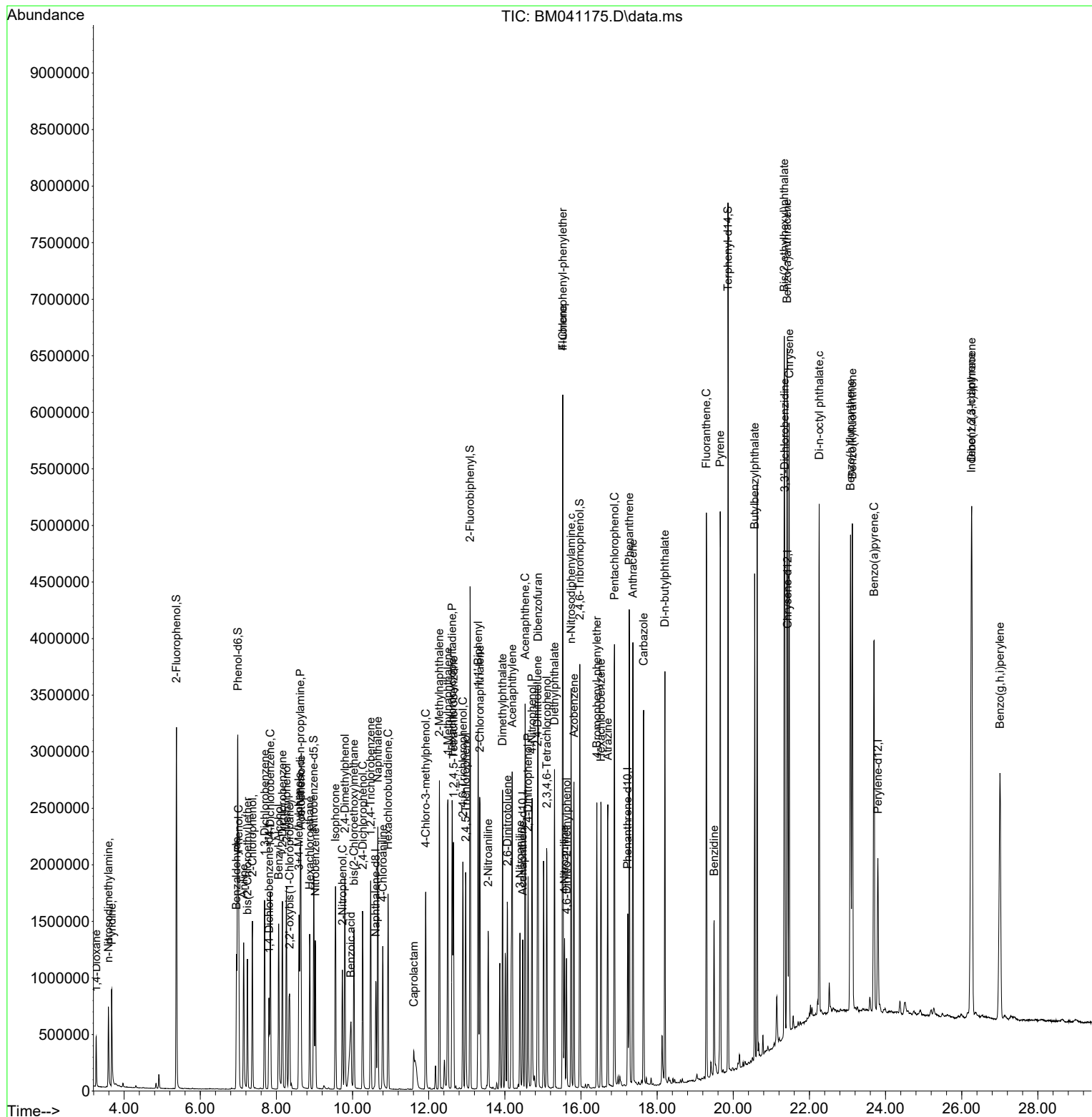
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	450192	45.216	ng	98
46) 1,1'-Biphenyl	13.298	154	1514855	45.209	ng	99
47) 2-Chloronaphthalene	13.339	162	1166928	46.641	ng	99
48) 2-Nitroaniline	13.563	65	388233	48.613	ng	98
49) Acenaphthylene	14.192	152	1840084	45.565	ng	99
50) Dimethylphthalate	13.939	163	1533280	49.315	ng	99
51) 2,6-Dinitrotoluene	14.069	165	304357	47.245	ng	97
52) Acenaphthene	14.533	154	1110294	45.638	ng	100
53) 3-Nitroaniline	14.398	138	314313	42.477	ng	95
54) 2,4-Dinitrophenol	14.610	184	345457	79.452	ng	93
55) Dibenzofuran	14.868	168	1778602	44.810	ng	99
56) 4-Nitrophenol	14.716	139	607199	113.093	ng	97
57) 2,4-Dinitrotoluene	14.857	165	414348	45.204	ng	94
58) Fluorene	15.521	166	1440311	45.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	387121	48.015	ng	100
60) Diethylphthalate	15.304	149	1402492	46.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	719755	45.870	ng	98
62) 4-Nitroaniline	15.568	138	295630	43.456	ng	99
63) Azobenzene	15.815	77	1514567	45.987	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	211385	40.796	ng	99
66) n-Nitrosodiphenylamine	15.739	169	1188488	44.678	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	429722	45.823	ng	98
68) Hexachlorobenzene	16.527	284	505627	48.488	ng	97
69) Atrazine	16.704	200	412722	59.080	ng	99
70) Pentachlorophenol	16.880	266	667200	92.400	ng	99
71) Phenanthrene	17.268	178	2295408	48.302	ng	99
72) Anthracene	17.362	178	2186590	46.523	ng	100
73) Carbazole	17.645	167	2043515	48.038	ng	100
74) Di-n-butylphthalate	18.204	149	2458744	51.149	ng	100
75) Fluoranthene	19.292	202	2802690	52.495	ng	99
77) Benzidine	19.498	184	804544	71.195	ng	99
78) Pyrene	19.656	202	2875871	49.601	ng	99
80) Butylbenzylphthalate	20.562	149	1119340	52.866	ng	98
81) Benzo(a)anthracene	21.415	228	2762190	49.144	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	999663	54.505	ng	100
83) Chrysene	21.468	228	2532609	46.585	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1682333	49.926	ng	98
85) Di-n-octyl phthalate	22.256	149	2864753	53.535	ng	98
87) Indeno(1,2,3-cd)pyrene	26.256	276	3361398	47.973	ng	99
88) Benzo(b)fluoranthene	23.080	252	2922970	51.628	ng	99
89) Benzo(k)fluoranthene	23.127	252	2702511	46.665	ng	99
90) Benzo(a)pyrene	23.697	252	2472993	45.459	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	2737288	46.837	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2681210	46.886	ng	99

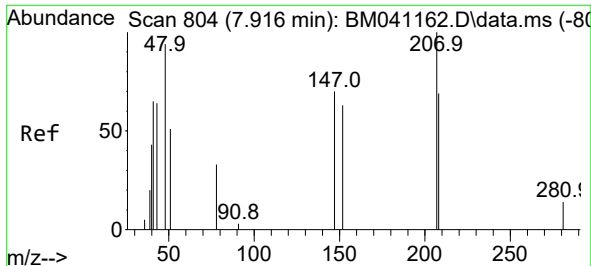
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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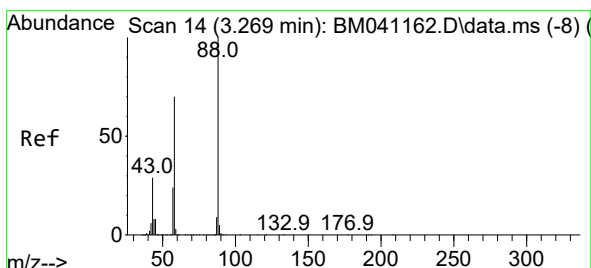
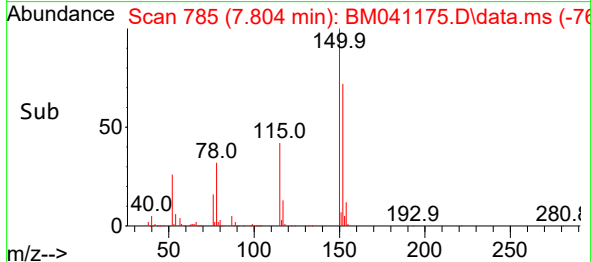
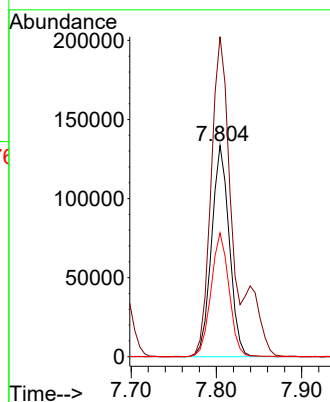
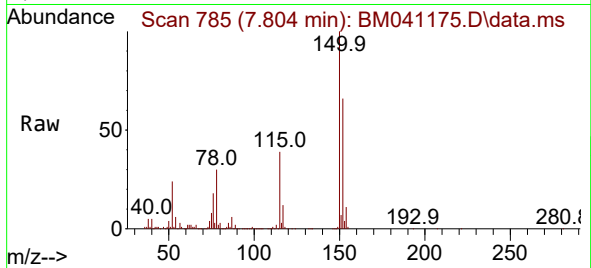




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

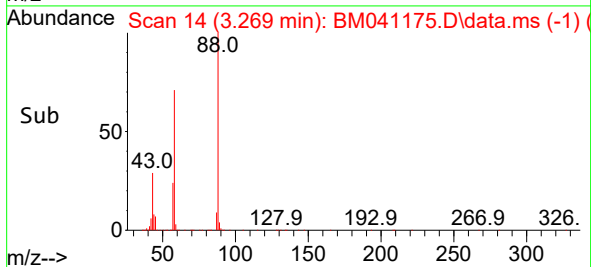
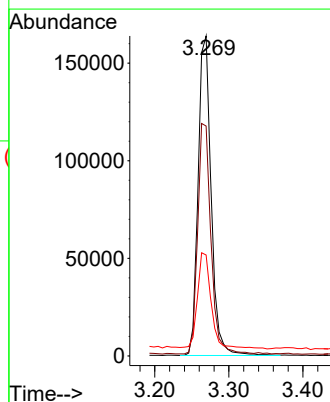
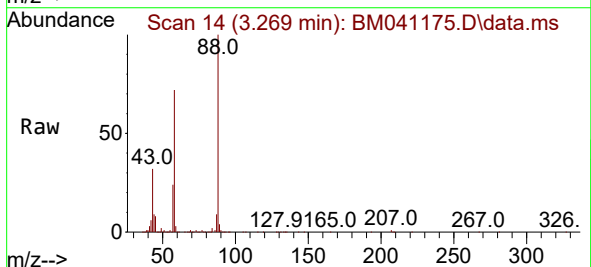
Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MSD

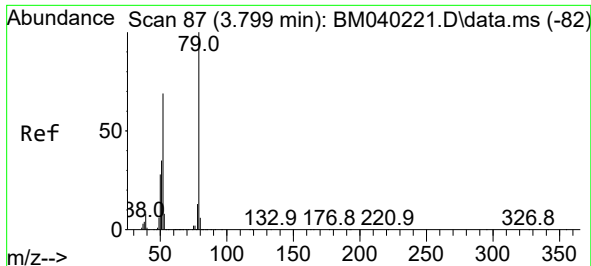
Tgt Ion:152 Resp: 193205
 Ion Ratio Lower Upper
 152 100
 150 151.5 125.5 188.3
 115 58.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 36.050 ng
 RT: 3.269 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Tgt Ion: 88 Resp: 199360
 Ion Ratio Lower Upper
 88 100
 58 73.2 58.2 87.4
 43 32.1 24.4 36.6

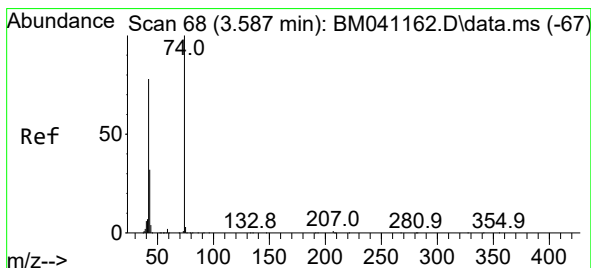
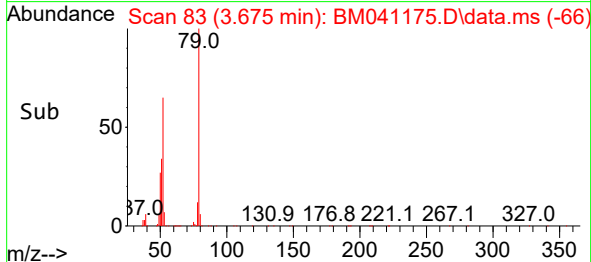
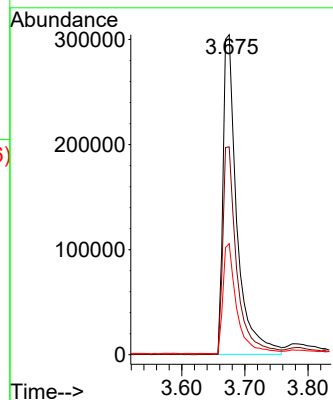
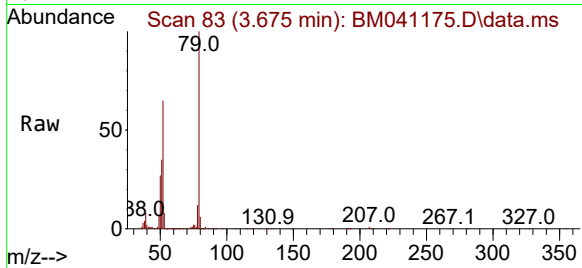




#3
 Pyridine
 Concen: 31.984 ng
 RT: 3.675 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

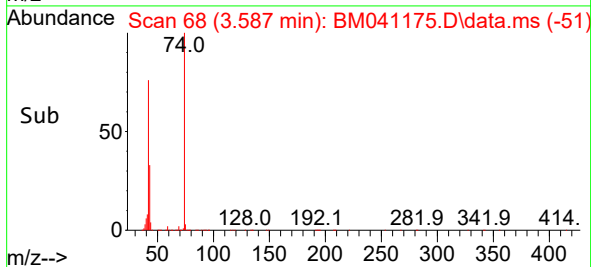
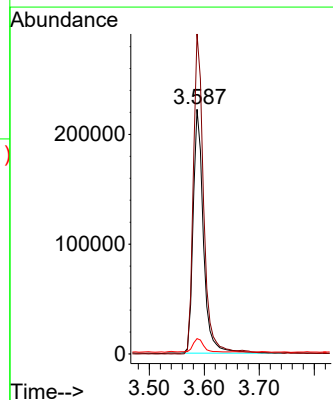
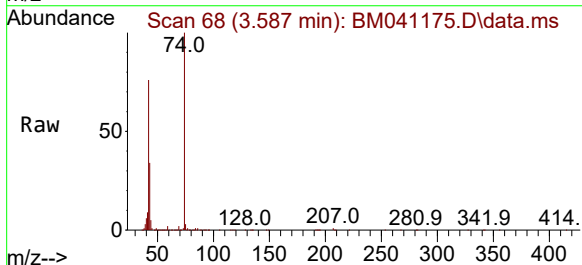
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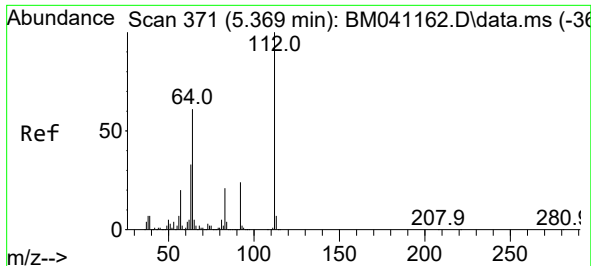
Tgt Ion: 79 Resp: 465061
 Ion Ratio Lower Upper
 79 100
 52 65.0 52.1 78.1
 51 34.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 42.740 ng
 RT: 3.587 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Tgt Ion: 42 Resp: 287422
 Ion Ratio Lower Upper
 42 100
 74 130.8 100.8 151.2
 44 6.3 5.0 7.4

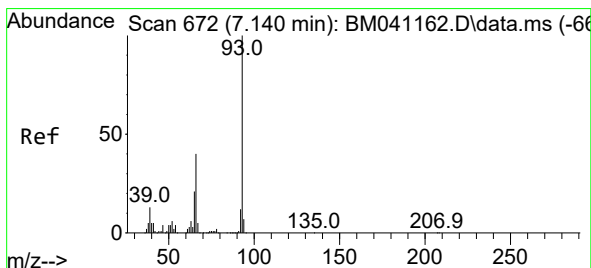
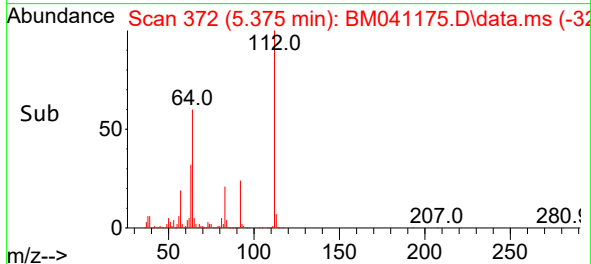
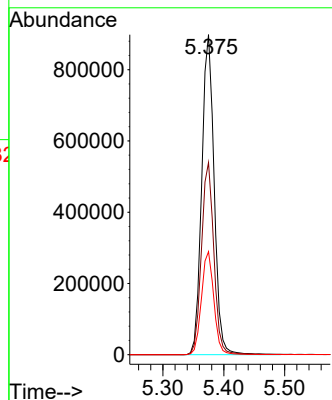
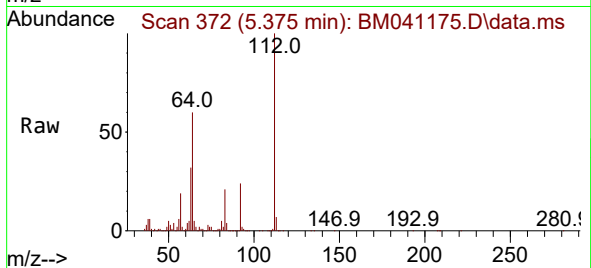




#5
2-Fluorophenol
Concen: 98.624 ng
RT: 5.375 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

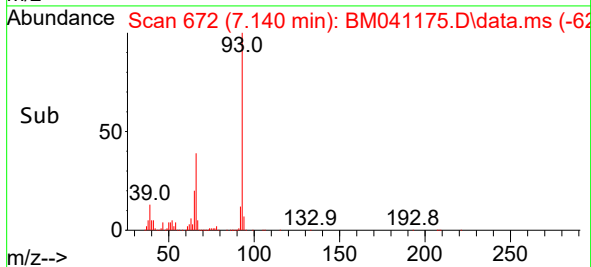
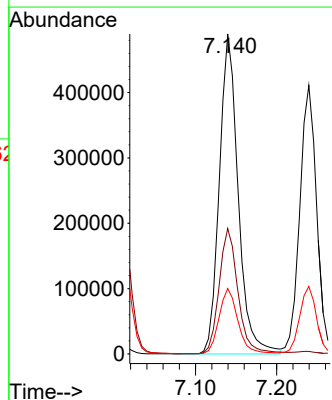
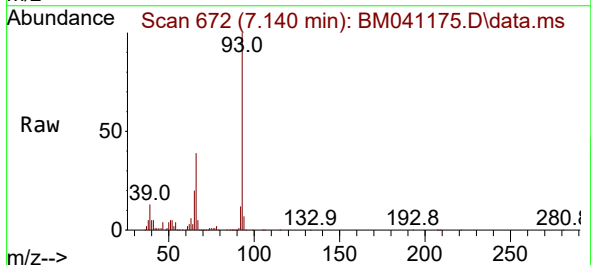
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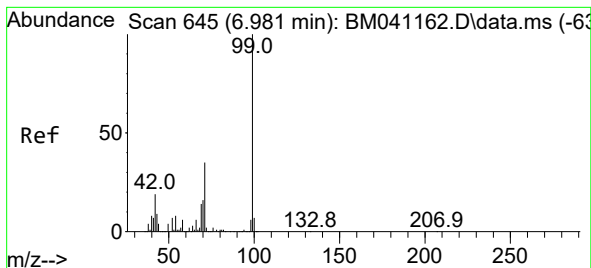
Tgt Ion:112 Resp: 1274916
Ion Ratio Lower Upper
112 100
64 60.1 48.5 72.7
63 32.2 26.5 39.7



#6
Aniline
Concen: 40.339 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 93 Resp: 791045
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.4 16.6 24.8





#7

Phenol-d6

Concen: 101.442 ng

RT: 6.987 min Scan# 646

Delta R.T. 0.006 min

Lab File: BM041175.D

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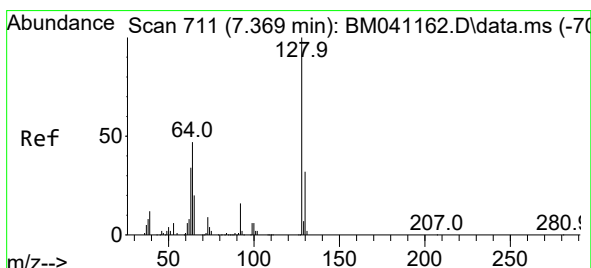
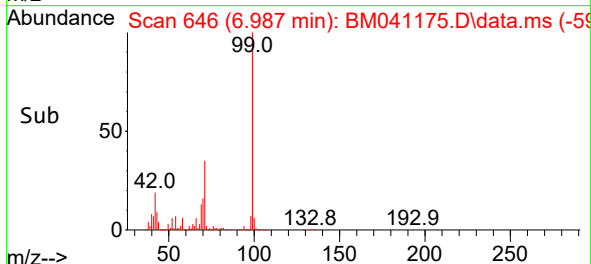
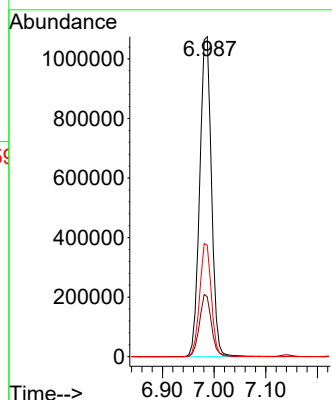
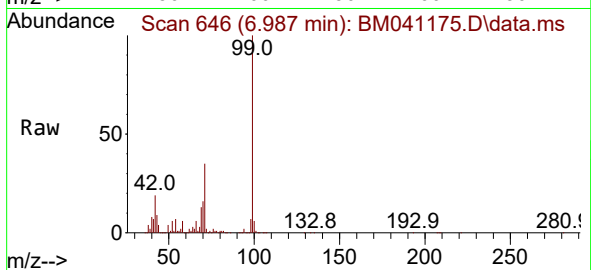
Tgt Ion: 99 Resp: 1699807

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.0

71 34.9 28.2 42.4



#8

2-Chlorophenol

Concen: 47.282 ng

RT: 7.369 min Scan# 711

Delta R.T. -0.000 min

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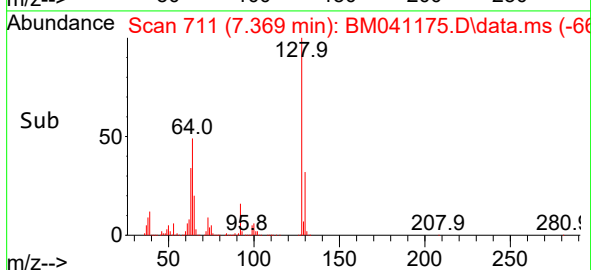
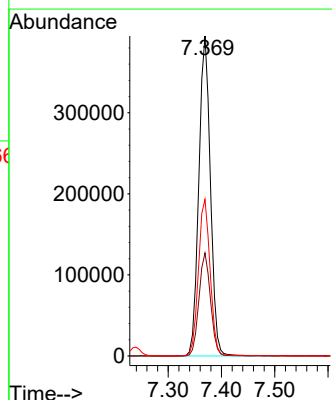
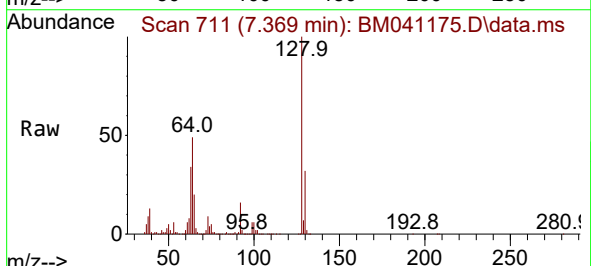
Tgt Ion: 128 Resp: 596694

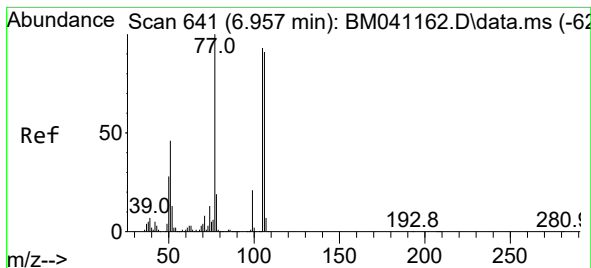
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 49.0 29.3 69.3





#9

Benzaldehyde

Concen: 44.460 ng

RT: 6.951 min Scan# 641

Delta R.T. -0.006 min

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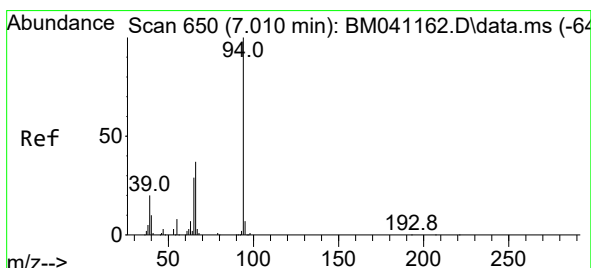
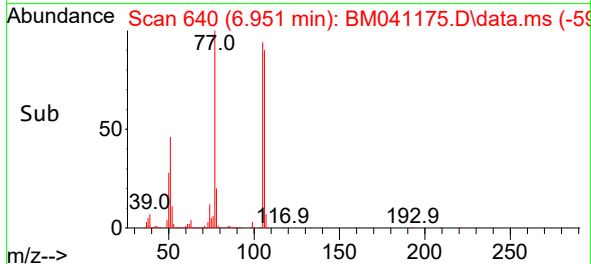
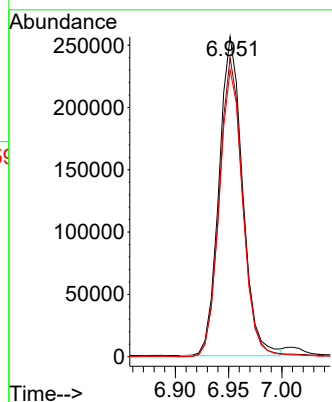
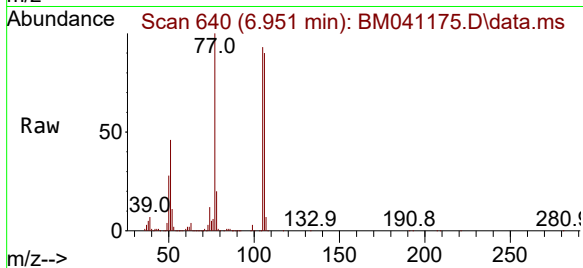
Tgt Ion: 77 Resp: 393107

Ion Ratio Lower Upper

77 100

105 93.4 72.8 112.8

106 89.6 70.8 110.8



#10

Phenol

Concen: 48.377 ng

RT: 7.010 min Scan# 650

Delta R.T. -0.000 min

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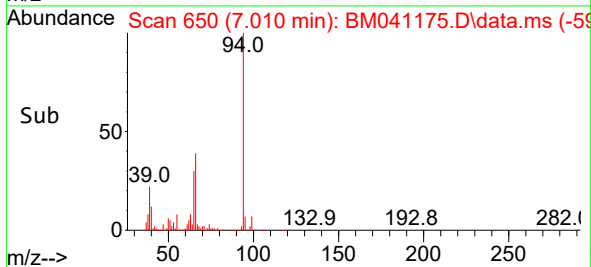
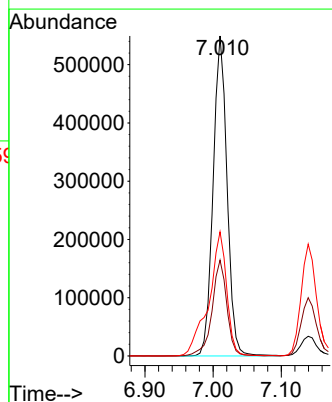
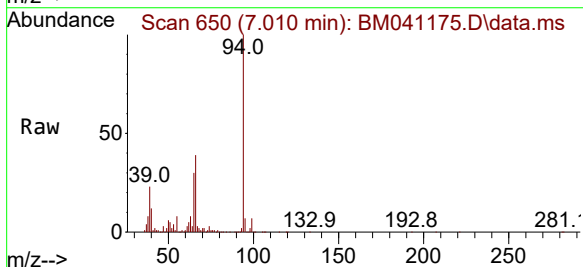
Tgt Ion: 94 Resp: 782933

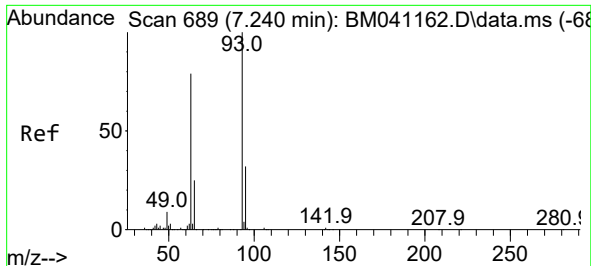
Ion Ratio Lower Upper

94 100

65 30.0 9.5 49.5

66 38.8 18.0 58.0

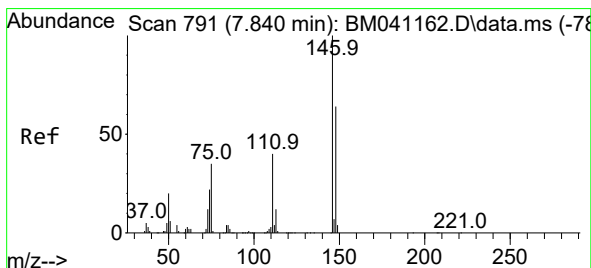
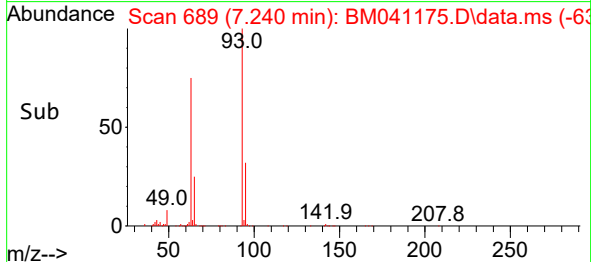
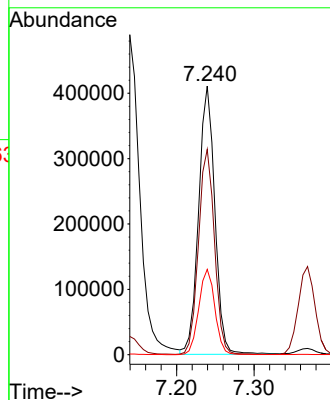
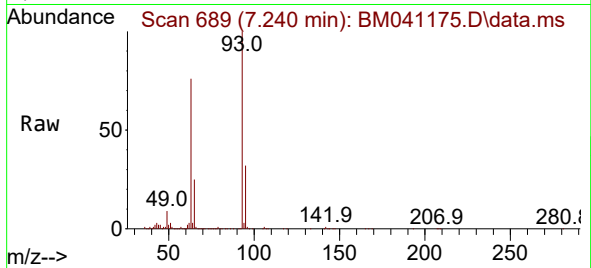




#11
bis(2-Chloroethyl)ether
Concen: 45.574 ng
RT: 7.240 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

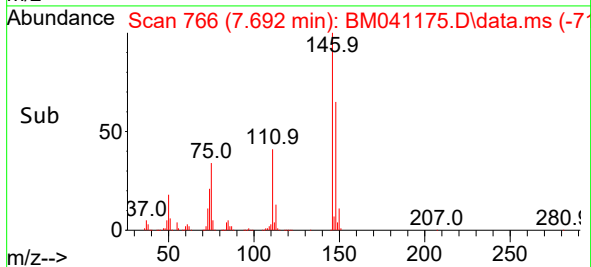
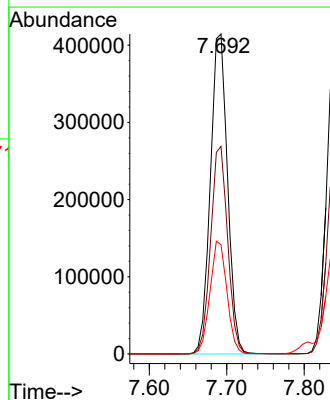
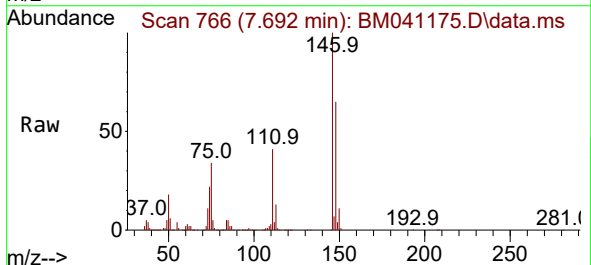
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

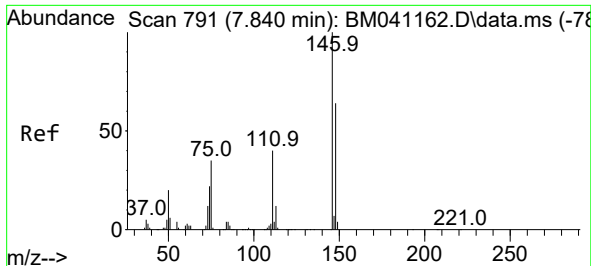
Tgt Ion: 93 Resp: 597034
Ion Ratio Lower Upper
93 100
63 76.4 58.8 98.8
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 46.452 ng
RT: 7.692 min Scan# 766
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 146 Resp: 638108
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 34.1 28.3 42.5

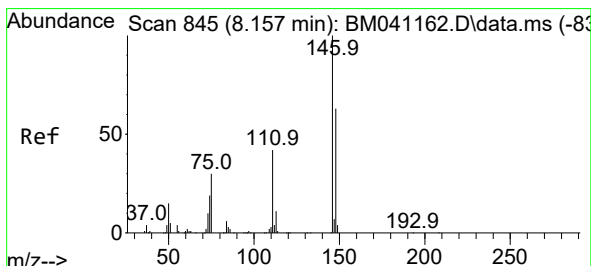
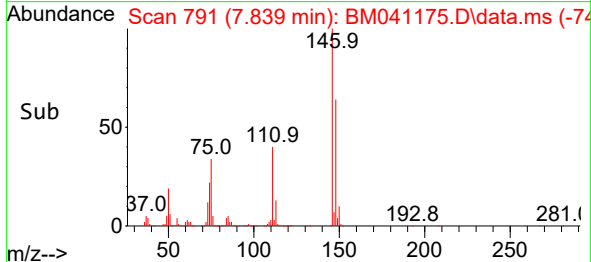
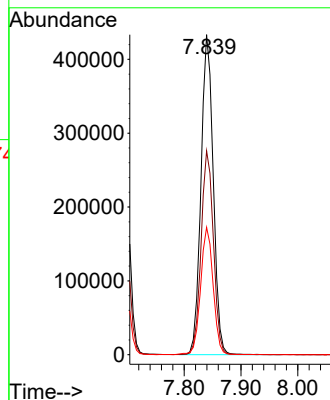
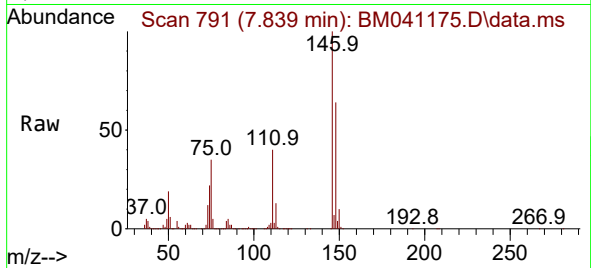




#13
1,4-Dichlorobenzene
Concen: 47.147 ng
RT: 7.839 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

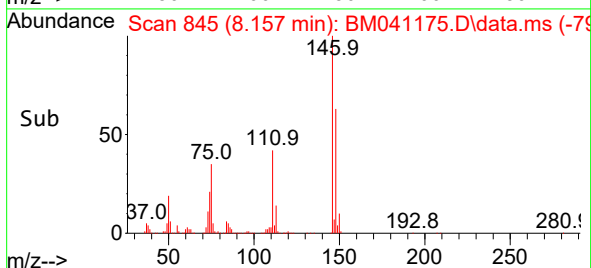
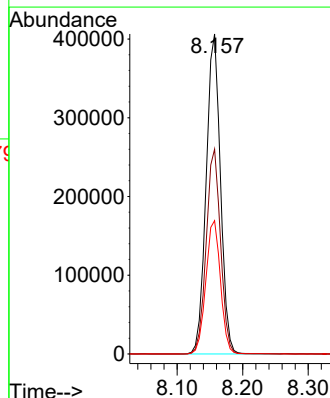
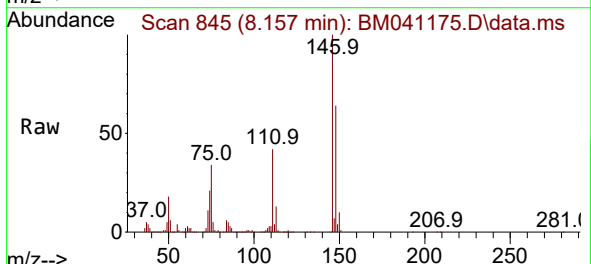
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

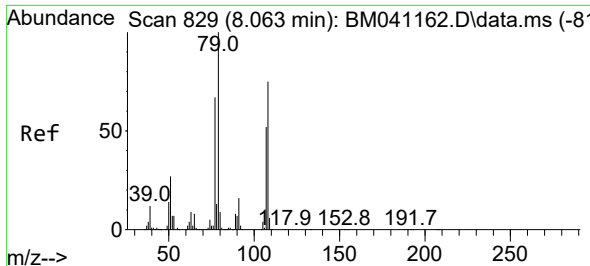
Tgt Ion:146 Resp: 650972
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 39.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.626 ng
RT: 8.157 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:146 Resp: 617270
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 41.7 33.8 50.6

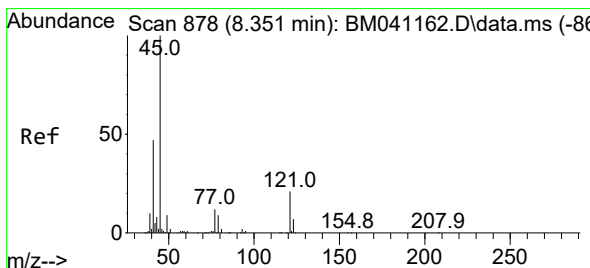
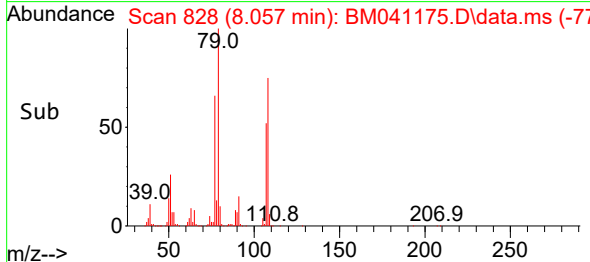
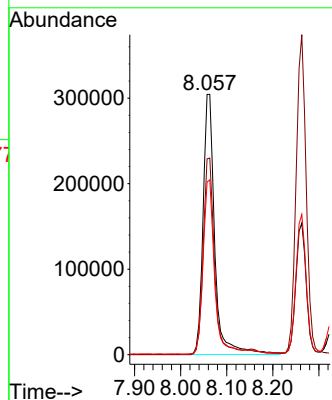
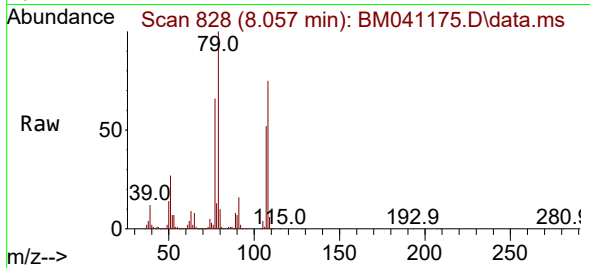




#15
Benzyl Alcohol
Concen: 51.036 ng
RT: 8.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

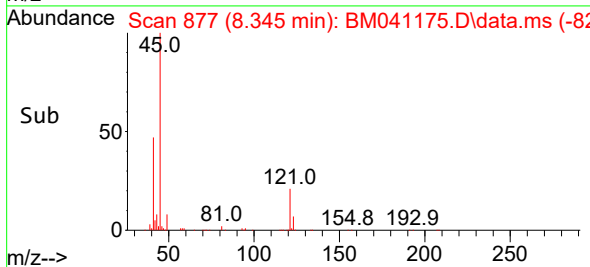
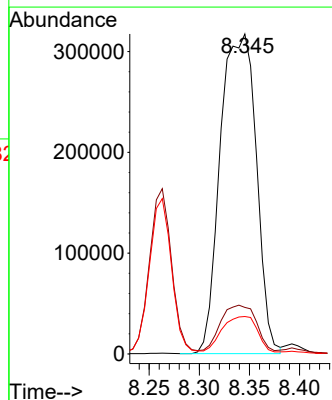
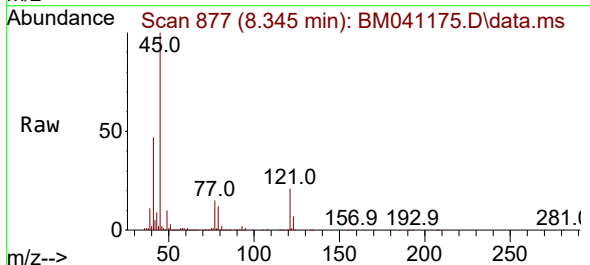
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

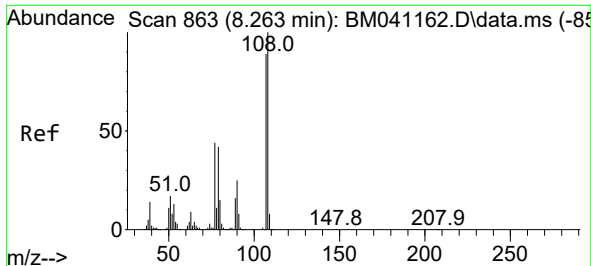
Tgt Ion: 79 Resp: 540064
Ion Ratio Lower Upper
79 100
108 75.2 59.8 89.8
77 66.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.314 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 45 Resp: 790938
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.7 0.0 32.1

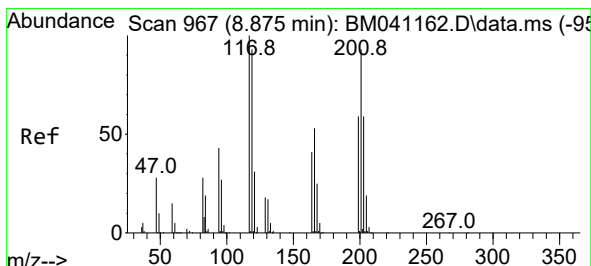
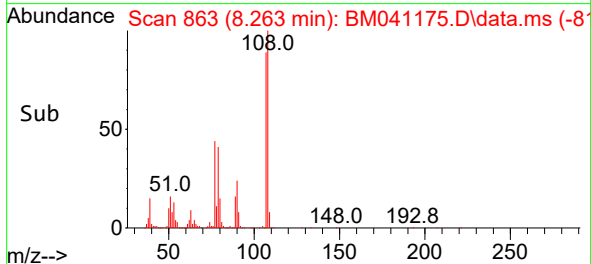
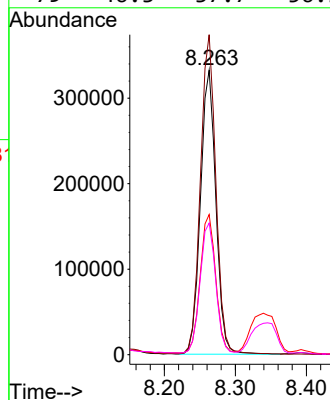
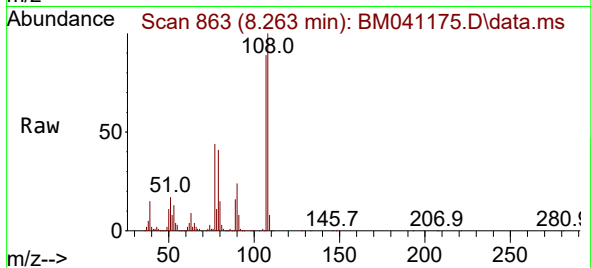




#17
2-Methylphenol
Concen: 45.459 ng
RT: 8.263 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

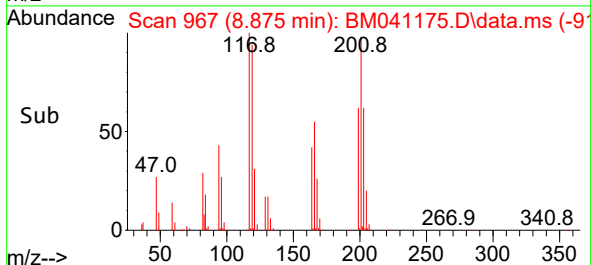
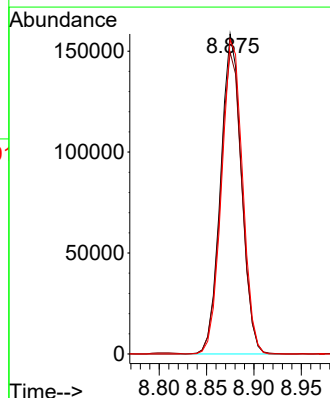
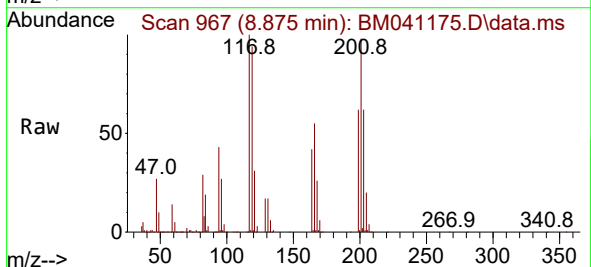
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

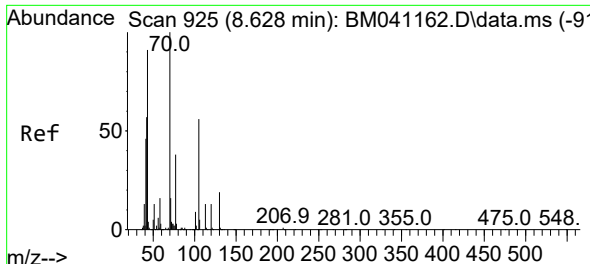
Tgt Ion:	107	Resp:	502632
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.9	134.9
77	49.3	39.8	59.8
79	46.3	37.7	56.5



#18
Hexachloroethane
Concen: 47.297 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:	117	Resp:	243124
Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.2	111.4
201	98.2	74.5	111.7

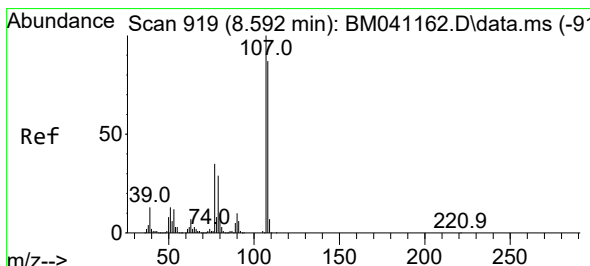
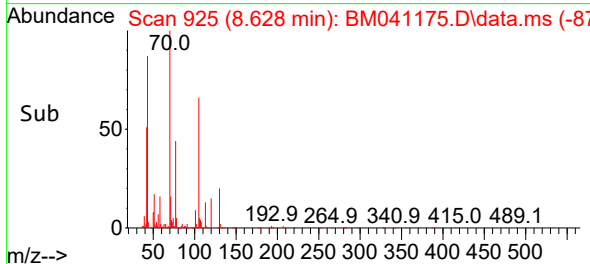
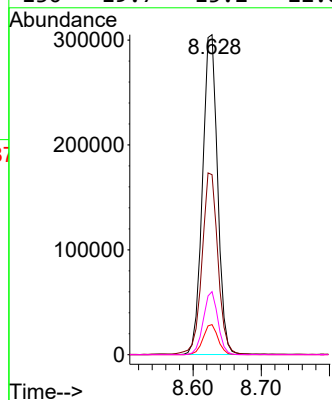
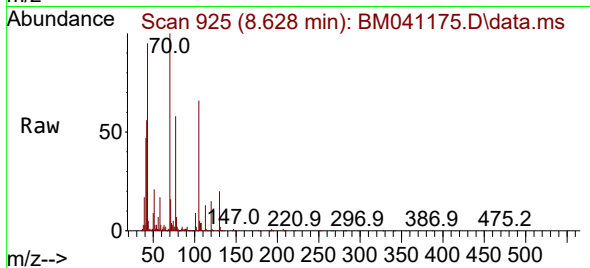




#19
n-Nitroso-di-n-propylamine
Concen: 46.078 ng
RT: 8.628 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

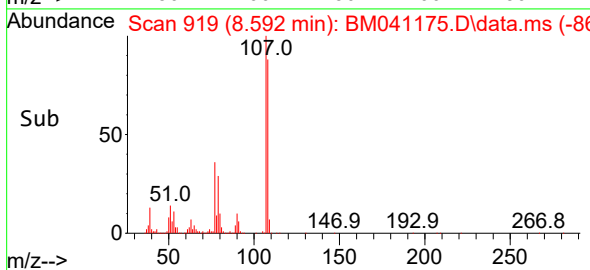
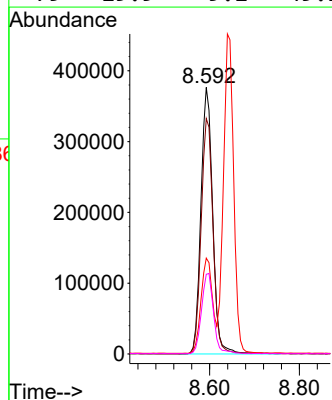
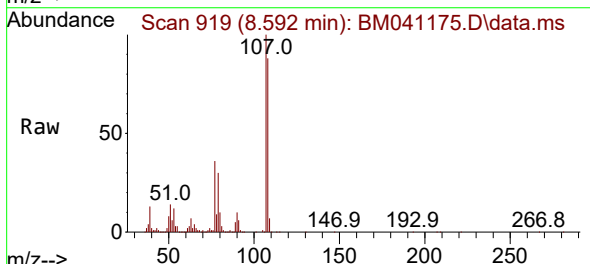
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

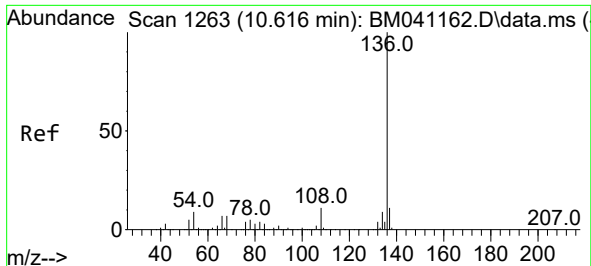
Tgt Ion:	70	Resp:	468968
Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.8	68.8
101	9.4	7.4	11.0
130	19.7	15.2	22.8



#20
3+4-Methylphenols
Concen: 46.383 ng
RT: 8.592 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:	107	Resp:	685703
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.2	107.2
77	36.0	15.4	55.4
79	29.9	9.2	49.2

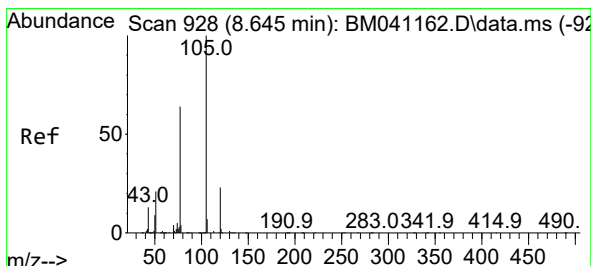
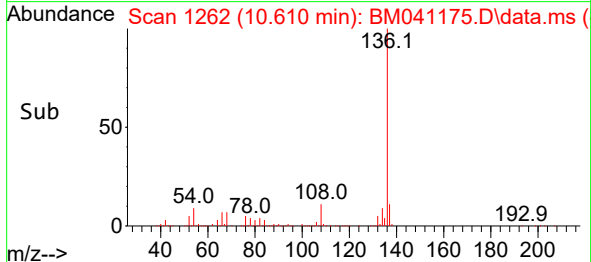
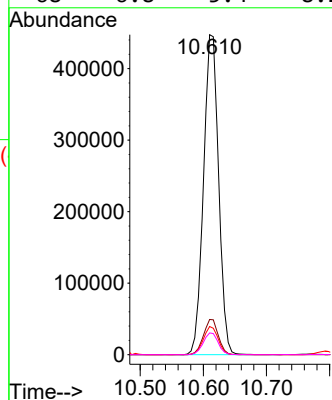
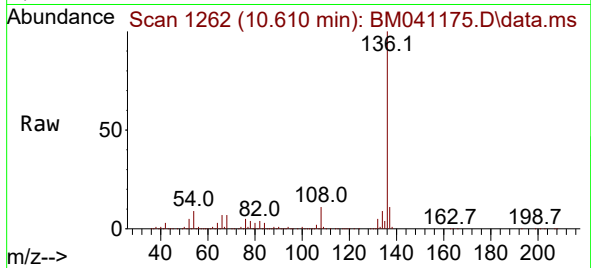




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

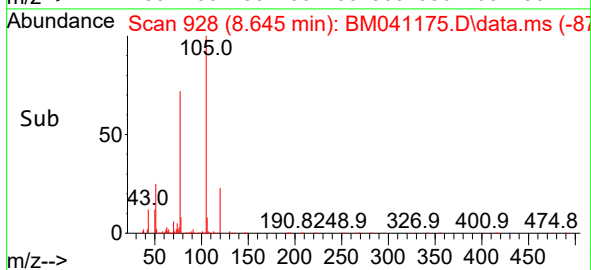
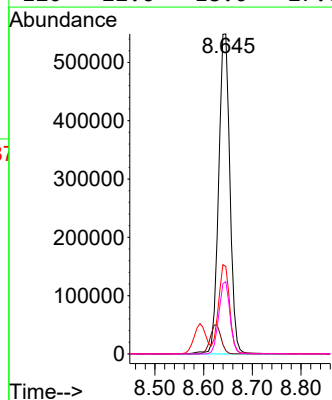
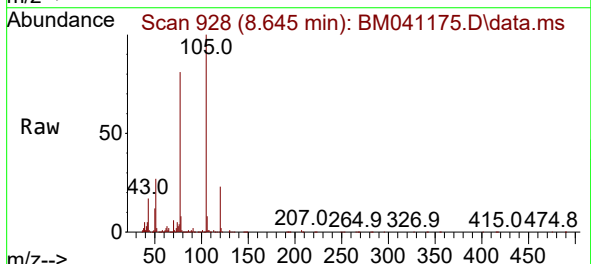
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

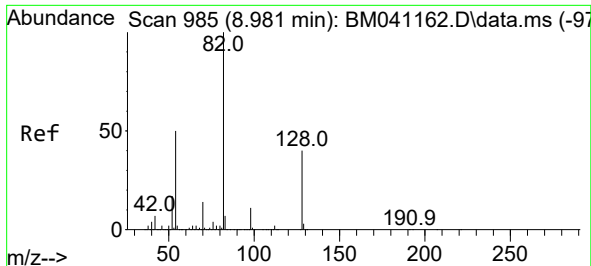
Tgt Ion:136 Resp: 741556
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 6.9 10.3
68 6.8 5.4 8.2



#22
Acetophenone
Concen: 45.063 ng
RT: 8.645 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:105 Resp: 885028
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 27.4 22.0 33.0
120 22.6 18.0 27.0

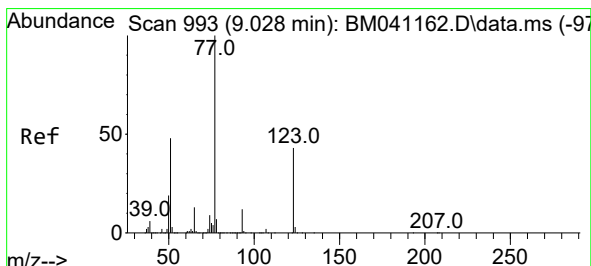
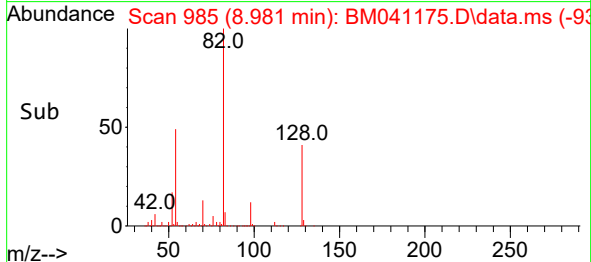
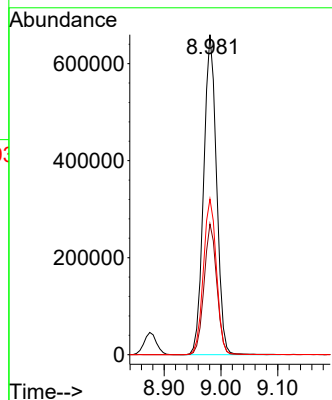
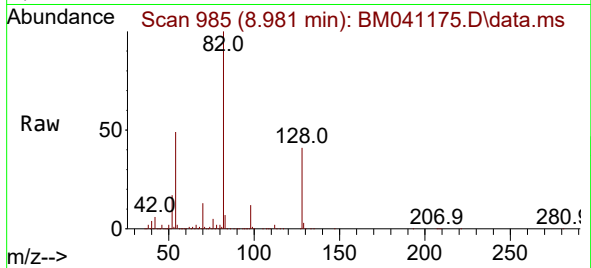




#23
Nitrobenzene-d5
Concen: 65.120 ng
RT: 8.981 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

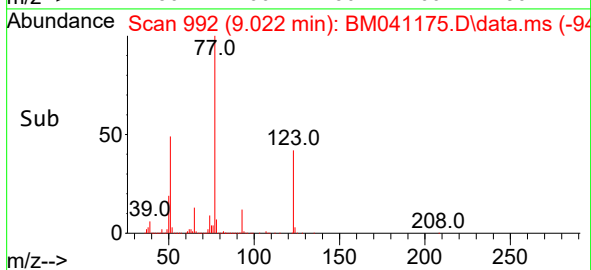
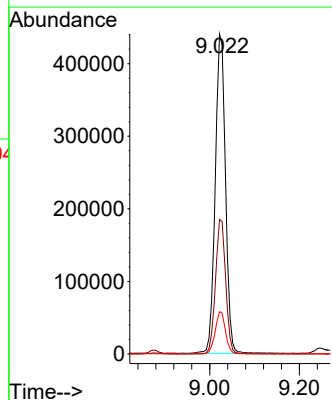
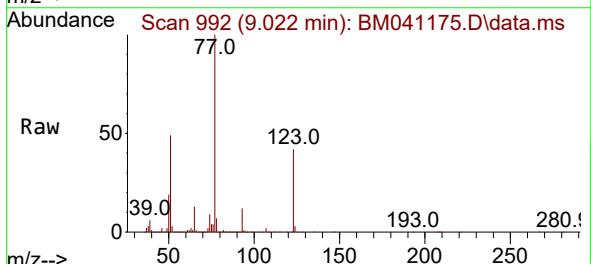
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

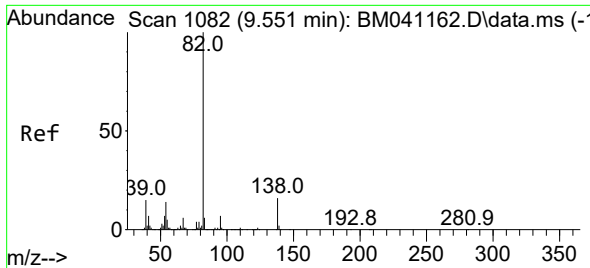
Tgt Ion: 82 Resp: 1038401
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.6 40.1 60.1



#24
Nitrobenzene
Concen: 43.294 ng
RT: 9.022 min Scan# 992
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 77 Resp: 698142
Ion Ratio Lower Upper
77 100
123 42.1 34.2 51.2
65 13.2 10.7 16.1

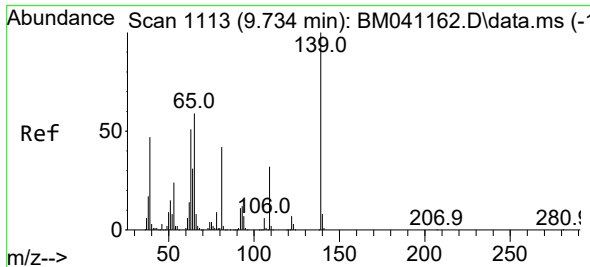
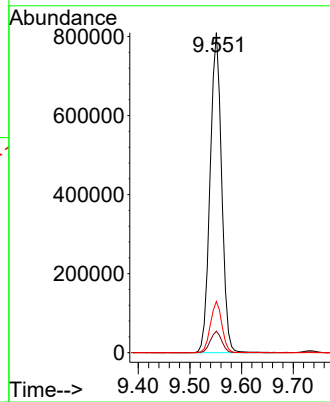
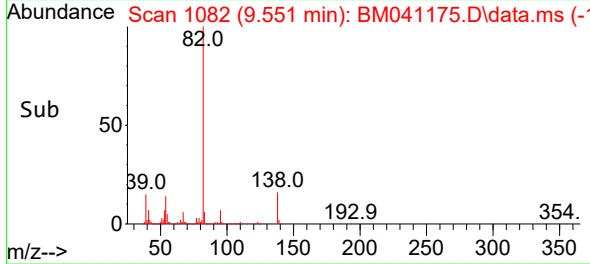
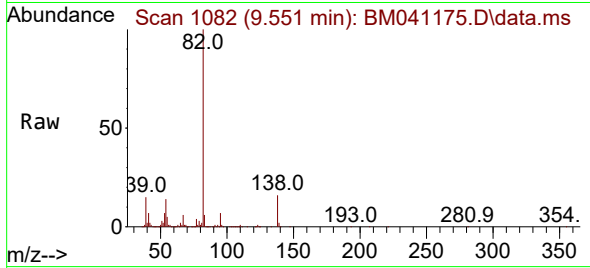




#25
Isophorone
Concen: 46.307 ng
RT: 9.551 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

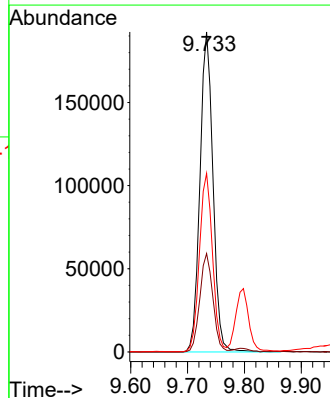
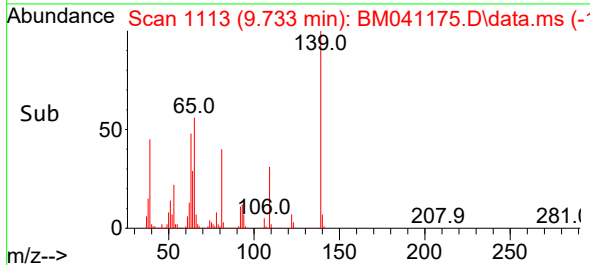
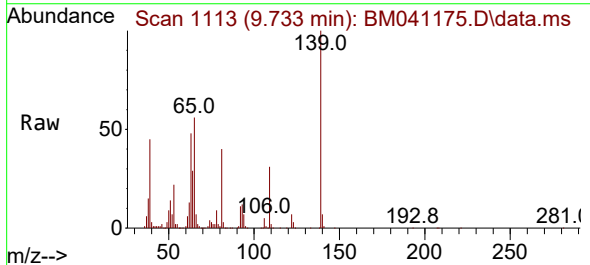
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

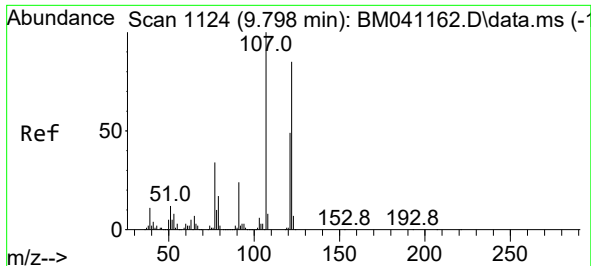
Tgt Ion: 82 Resp: 1253446
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 16.0 12.8 19.2



#26
2-Nitrophenol
Concen: 48.698 ng
RT: 9.733 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 139 Resp: 306987
Ion Ratio Lower Upper
139 100
109 30.8 25.4 38.2
65 55.8 47.2 70.8

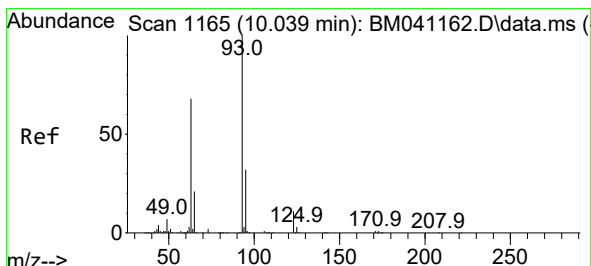
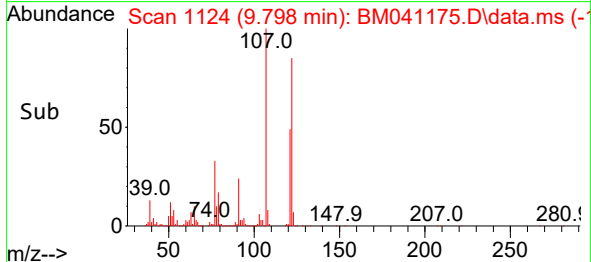
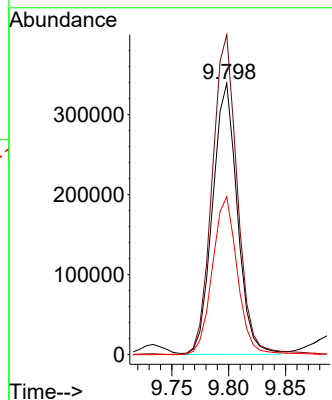
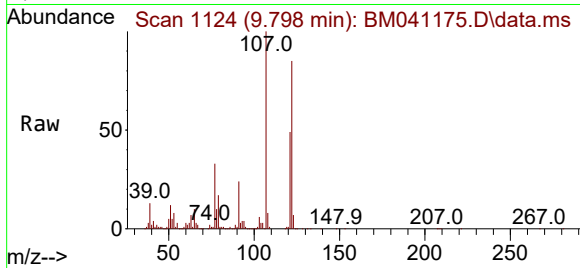




#27
2,4-Dimethylphenol
Concen: 46.261 ng
RT: 9.798 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

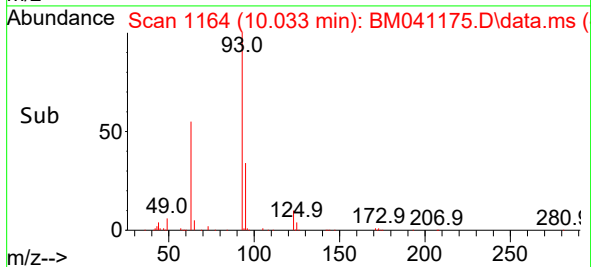
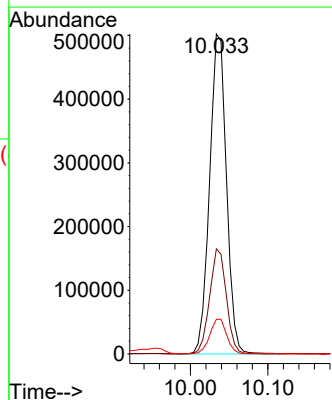
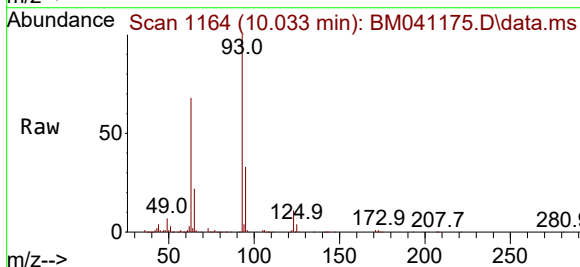
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

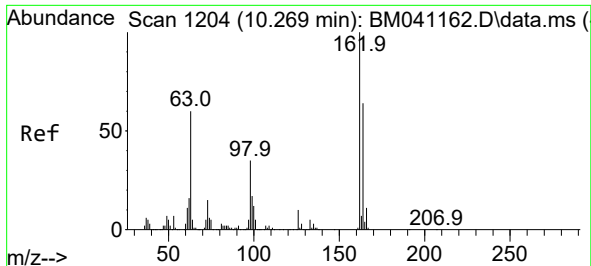
Tgt Ion:122 Resp: 513169
Ion Ratio Lower Upper
122 100
107 118.0 94.3 141.5
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.798 ng
RT: 10.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 93 Resp: 759574
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.599 ng

RT: 10.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

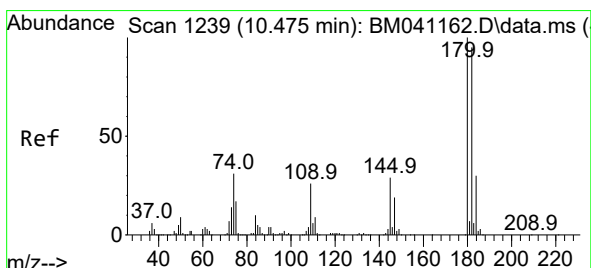
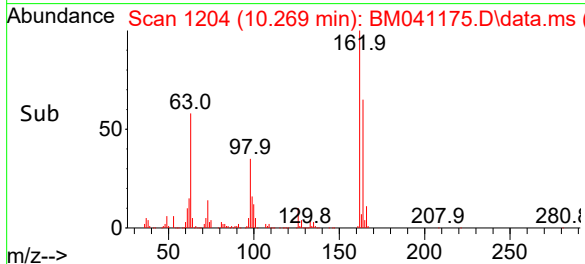
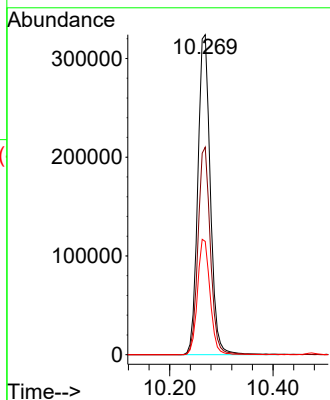
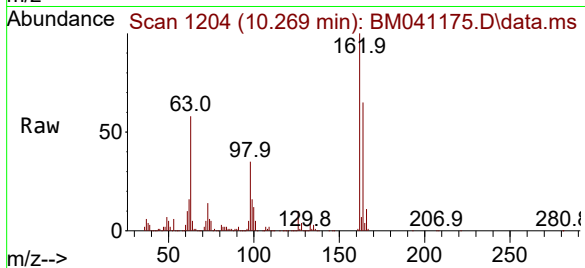
Tgt Ion:162 Resp: 543659

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 35.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 45.704 ng

RT: 10.475 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

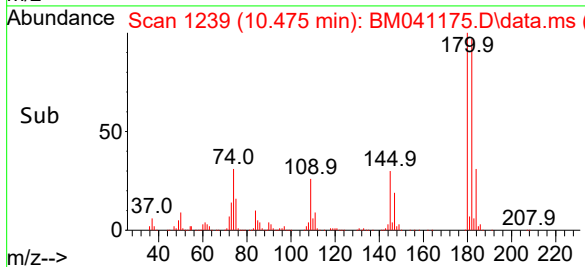
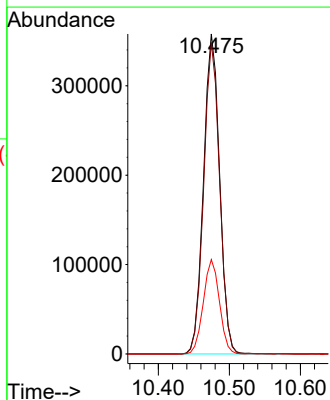
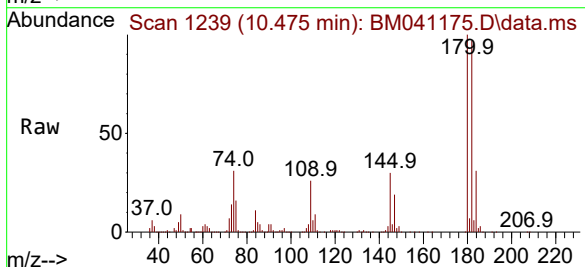
Tgt Ion:180 Resp: 564872

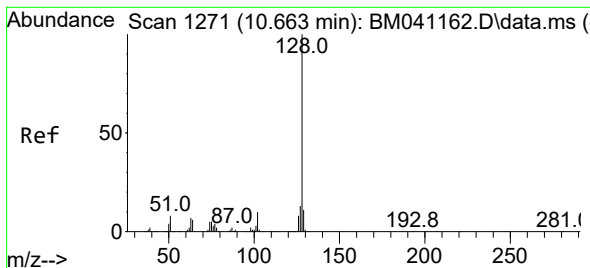
Ion Ratio Lower Upper

180 100

182 97.3 75.9 113.9

145 29.5 23.6 35.4





#31

Naphthalene

Concen: 43.810 ng

RT: 10.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

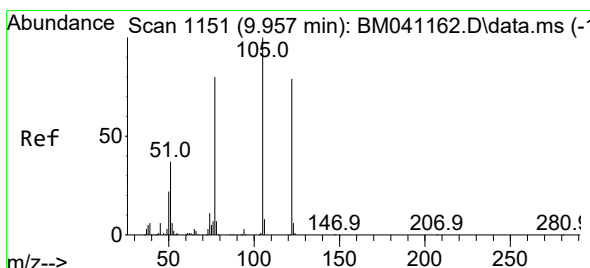
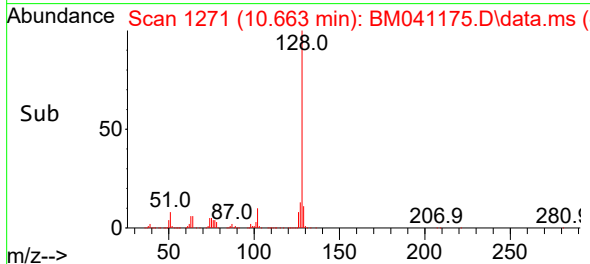
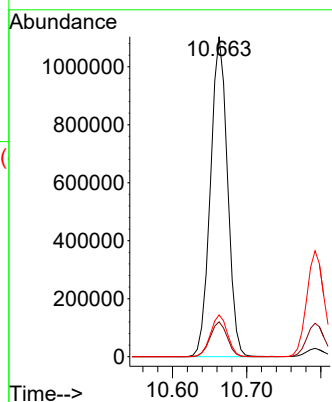
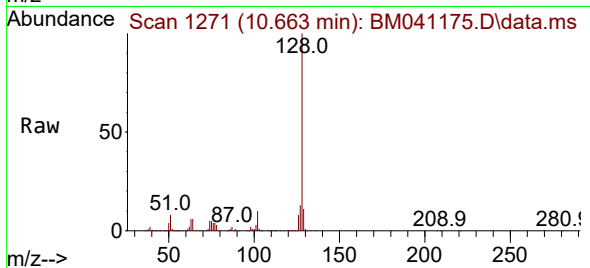
Tgt Ion:128 Resp: 1762958

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 48.279 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

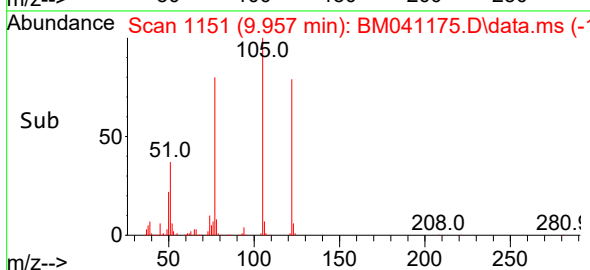
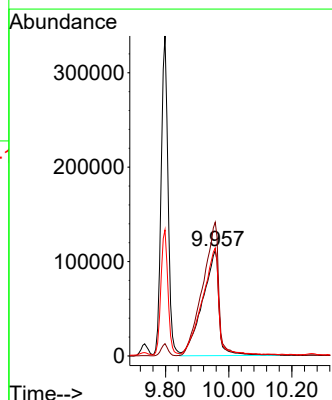
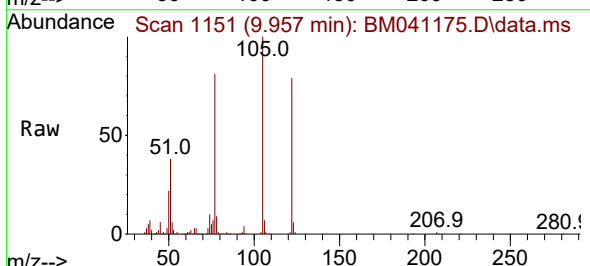
Tgt Ion:122 Resp: 402637

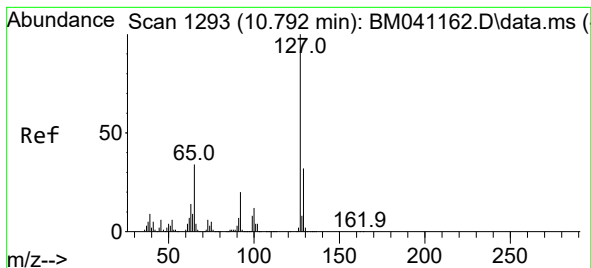
Ion Ratio Lower Upper

122 100

105 126.8 104.0 144.0

77 102.3 79.9 119.9

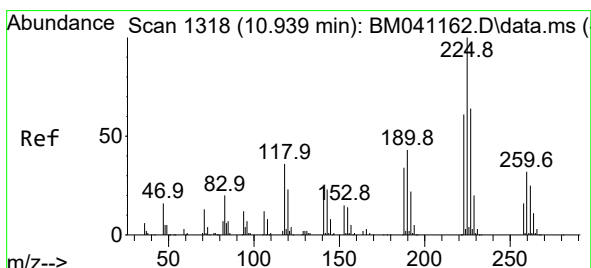
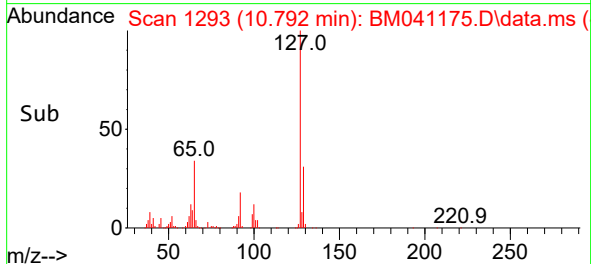
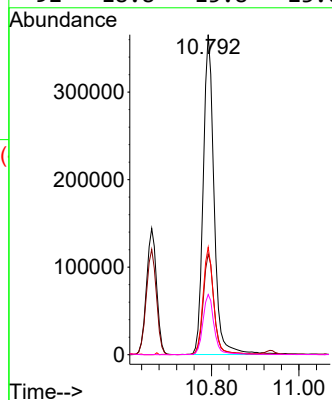
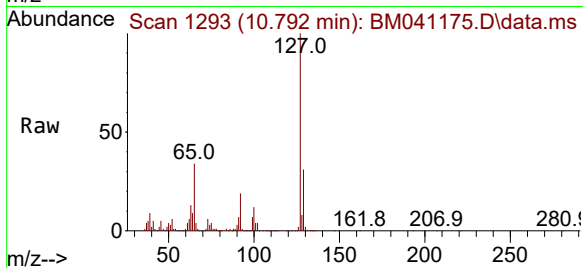




#33
4-Chloroaniline
Concen: 39.517 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

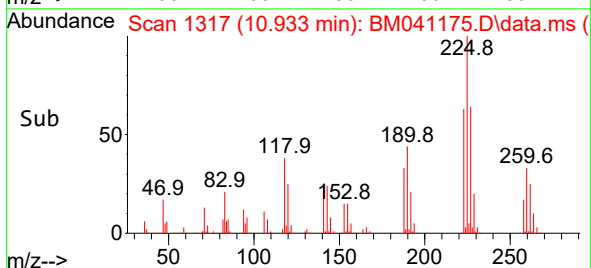
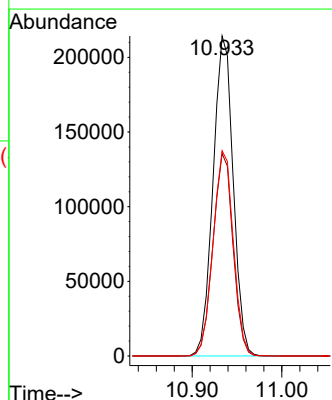
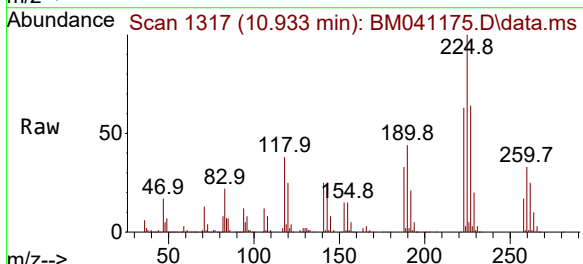
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

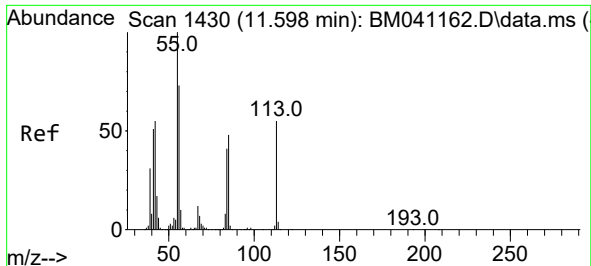
Tgt Ion:	127	Resp:	635498
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	33.6	26.9	40.3
92	18.8	15.8	23.6



#34
Hexachlorobutadiene
Concen: 44.793 ng
RT: 10.933 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:	225	Resp:	332959
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.4
227	64.1	50.8	76.2

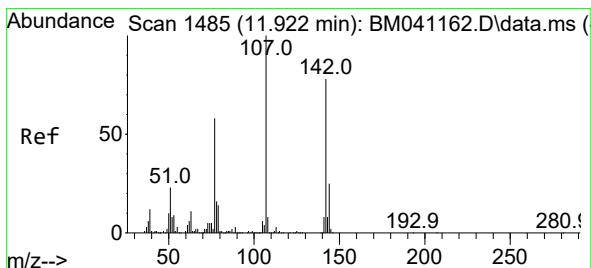
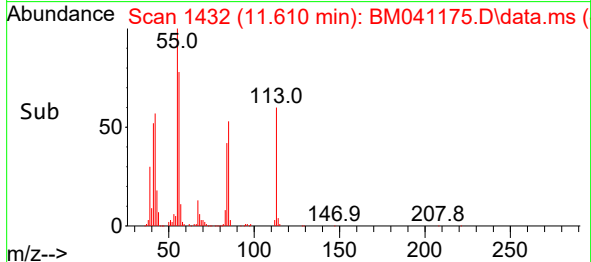
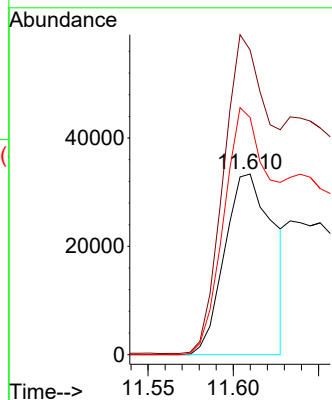
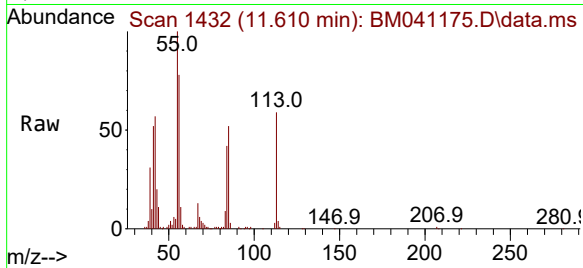




#35
Caprolactam
Concen: 20.465 ng
RT: 11.610 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

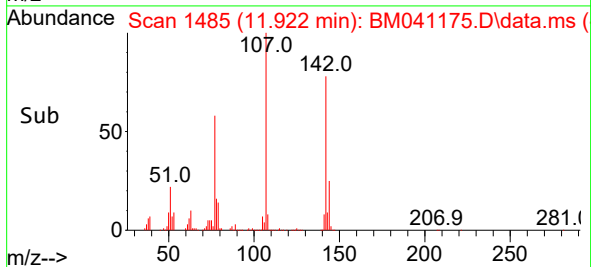
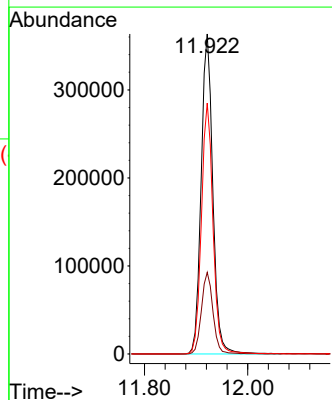
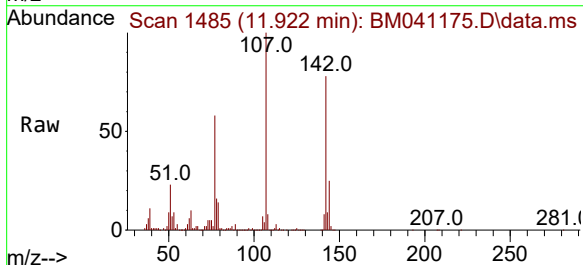
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

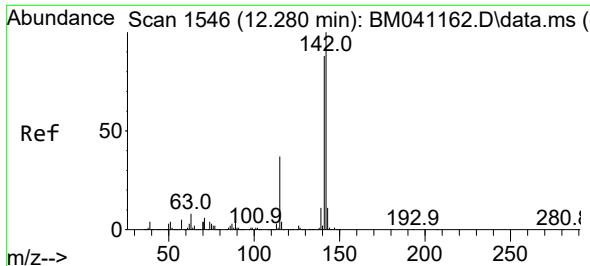
Tgt Ion:113 Resp: 66227
Ion Ratio Lower Upper
113 100
55 168.7 162.5 202.5
56 131.3 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 48.360 ng
RT: 11.922 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:107 Resp: 569391
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.4 62.2 93.4

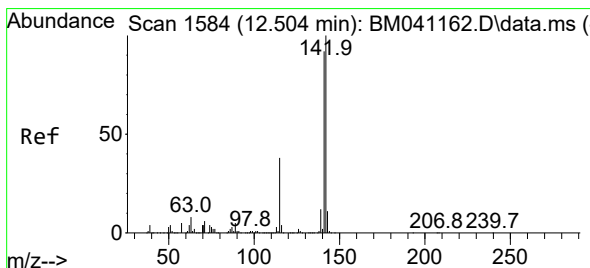
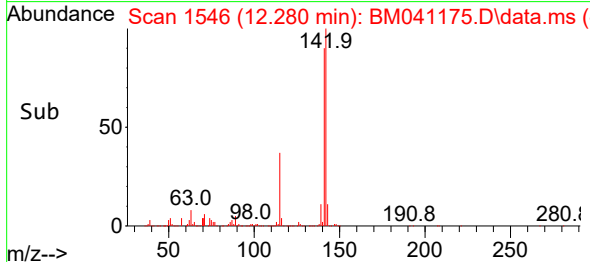
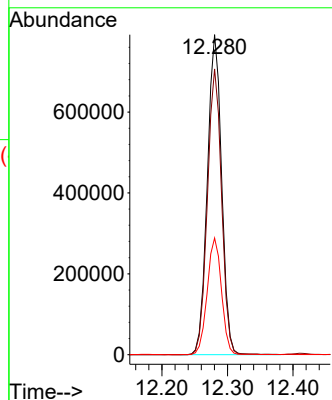
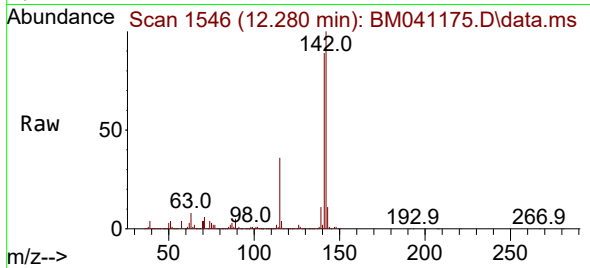




#37
2-Methylnaphthalene
Concen: 44.180 ng
RT: 12.280 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

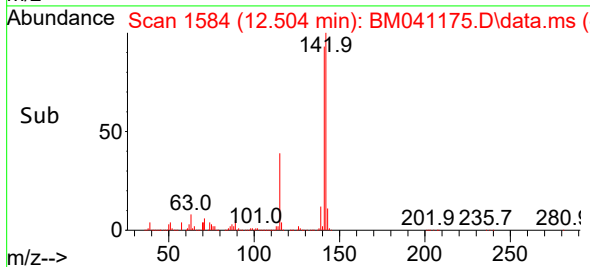
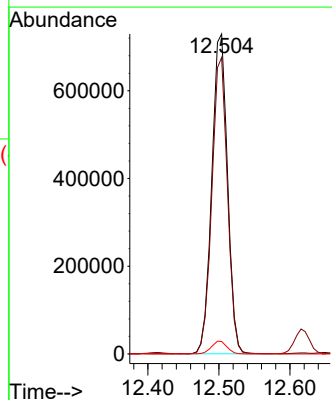
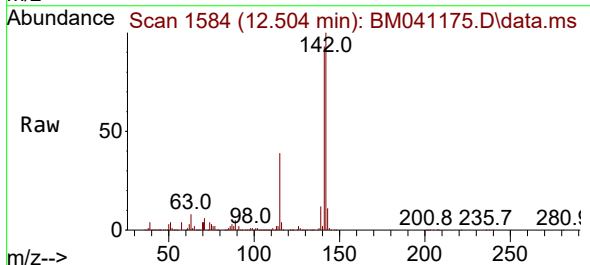
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

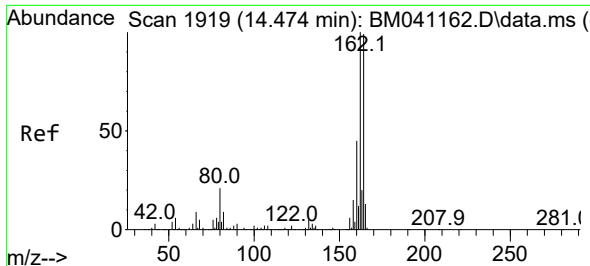
Tgt Ion:142 Resp: 1198580
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 36.4 29.3 43.9



#38
1-Methylnaphthalene
Concen: 44.091 ng
RT: 12.504 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:142 Resp: 1119548
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2
116 3.9 3.2 4.8

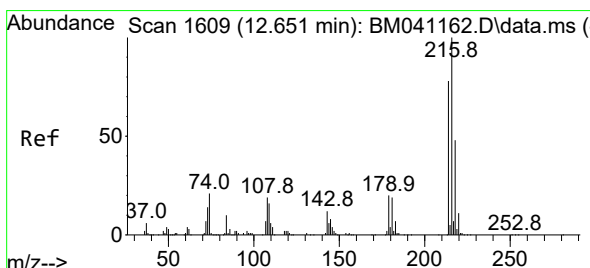
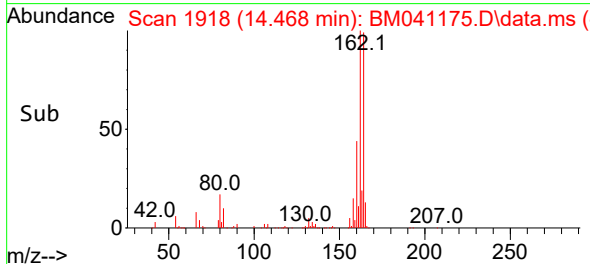
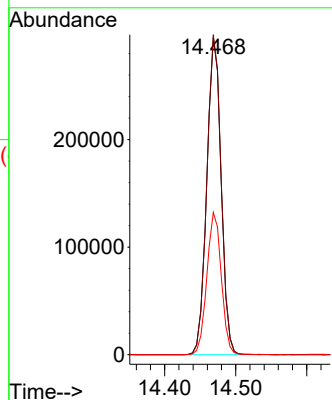
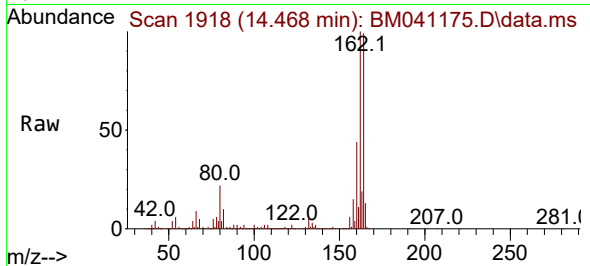




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

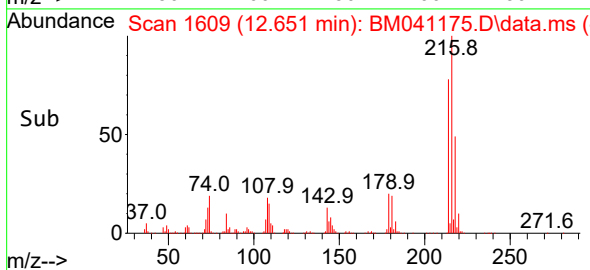
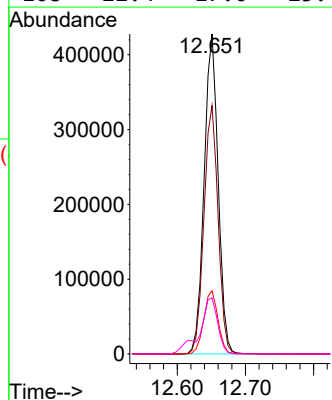
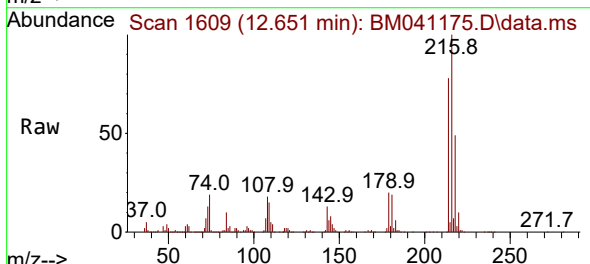
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

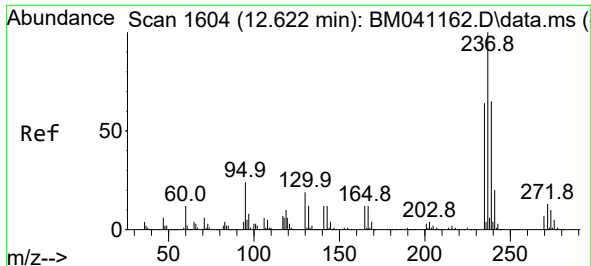
Tgt Ion:164 Resp: 413329
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 44.8 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.631 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

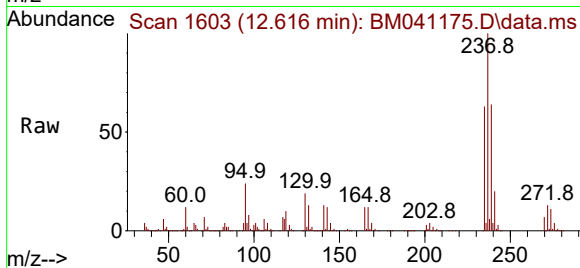
Tgt Ion:216 Resp: 612424
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.0 16.2 24.2
108 22.4 17.0 25.4



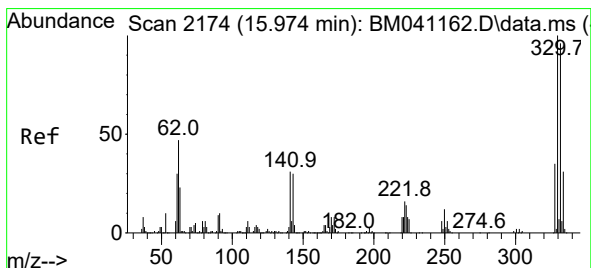
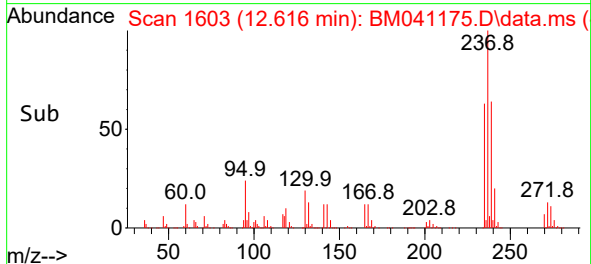
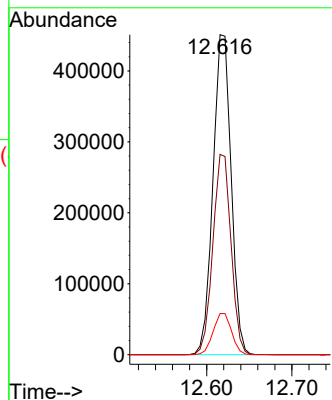


#41
Hexachlorocyclopentadiene
Concen: 94.099 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

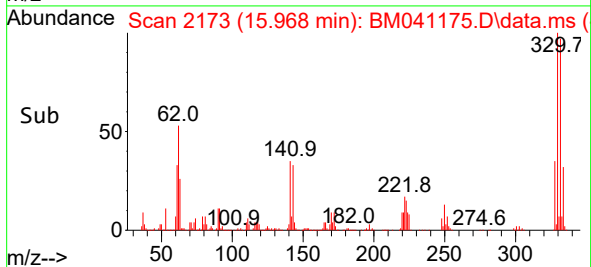
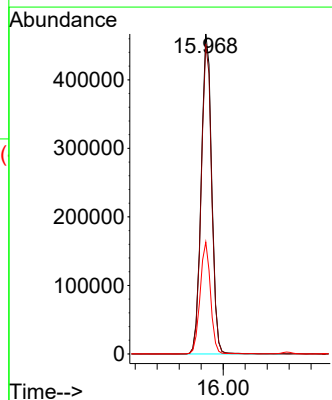
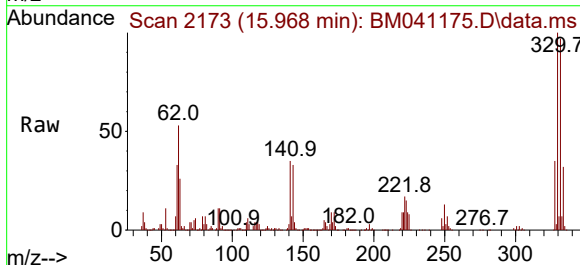


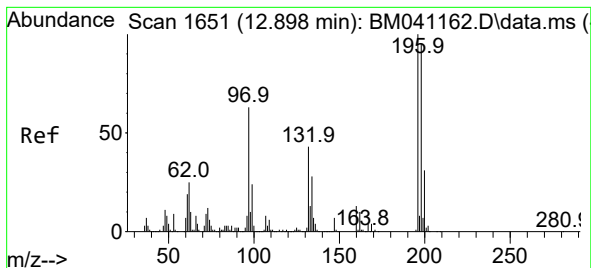
Tgt Ion:237 Resp: 668146
Ion Ratio Lower Upper
237 100
235 62.6 43.6 83.6
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 105.996 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:330 Resp: 619684
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 48.090 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

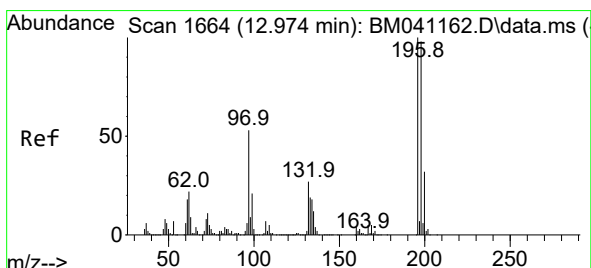
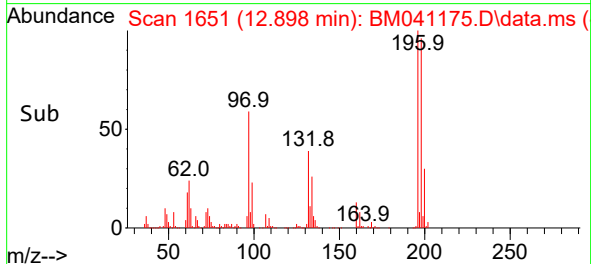
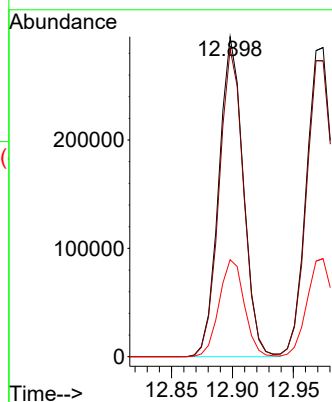
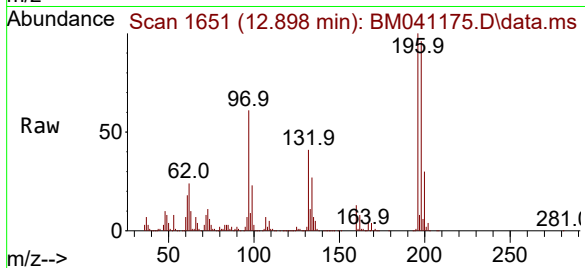
Tgt Ion:196 Resp: 413685

Ion Ratio Lower Upper

196 100

198 96.2 76.2 114.4

200 30.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 45.216 ng

RT: 12.974 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Tgt Ion:196 Resp: 450192

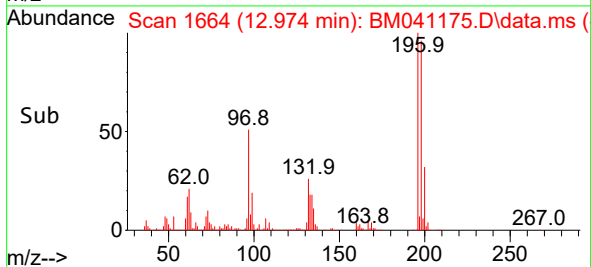
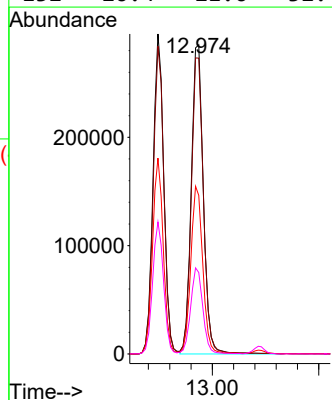
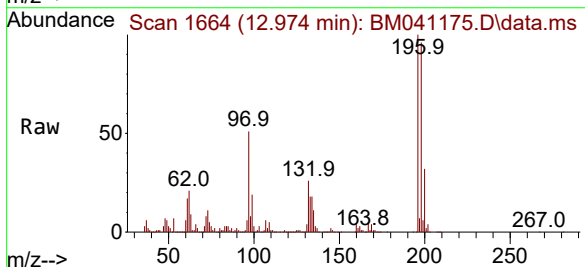
Ion Ratio Lower Upper

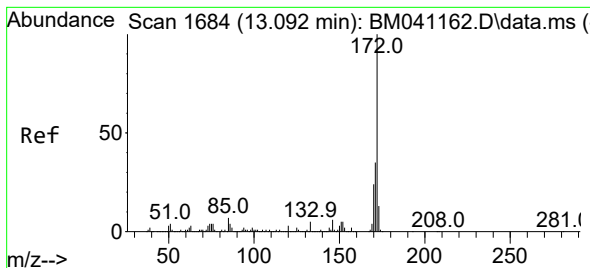
196 100

198 95.7 78.2 117.4

97 51.3 42.7 64.1

132 26.4 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 65.345 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

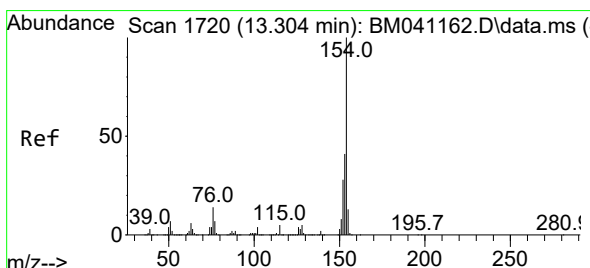
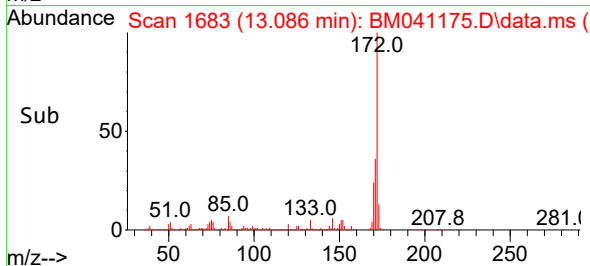
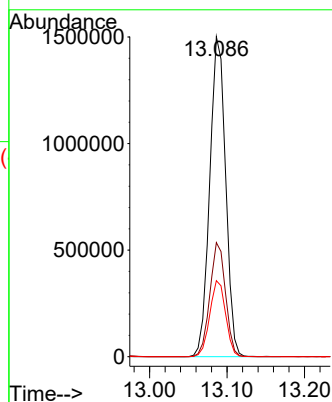
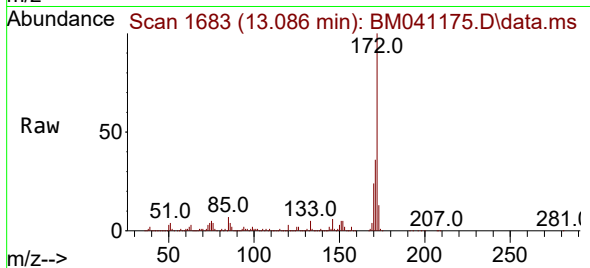
Tgt Ion:172 Resp: 2138068

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 45.209 ng

RT: 13.298 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

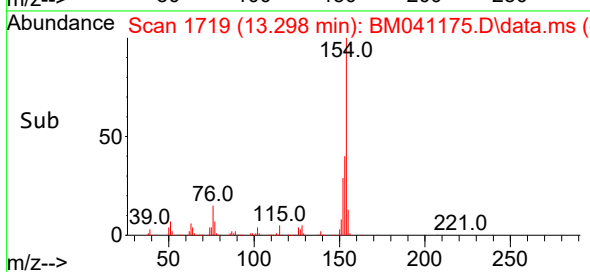
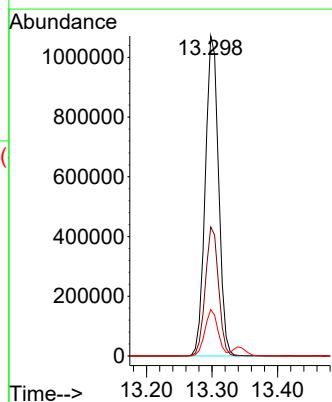
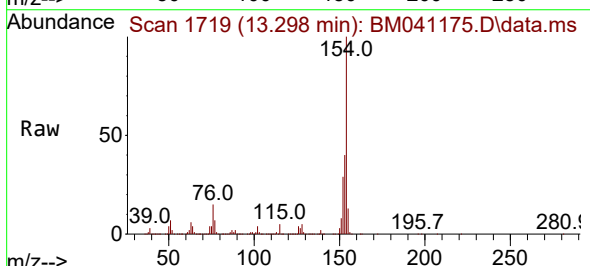
Tgt Ion:154 Resp: 1514855

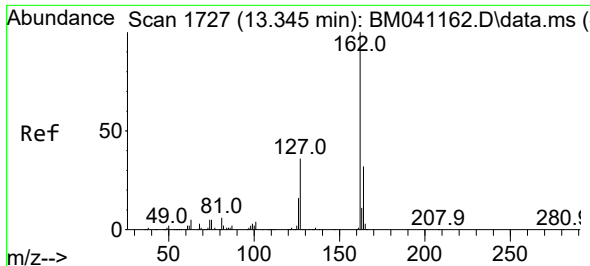
Ion Ratio Lower Upper

154 100

153 40.3 20.5 60.5

76 14.5 0.0 34.1

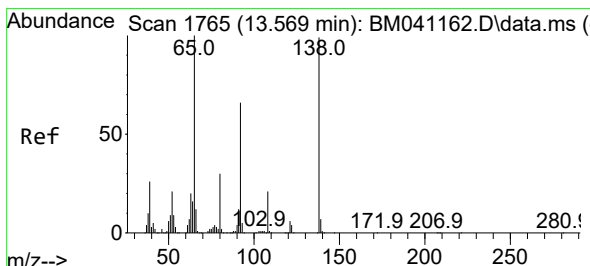
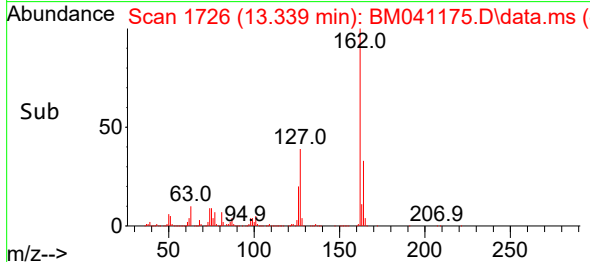
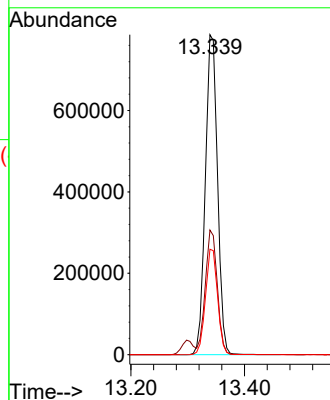
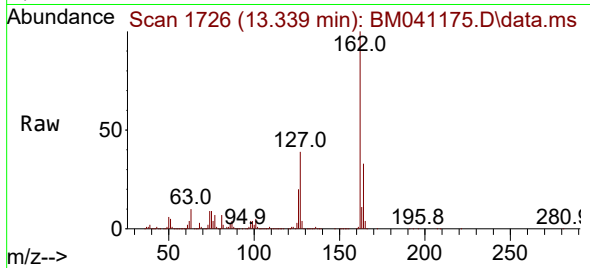




#47
2-Chloronaphthalene
Concen: 46.641 ng
RT: 13.339 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

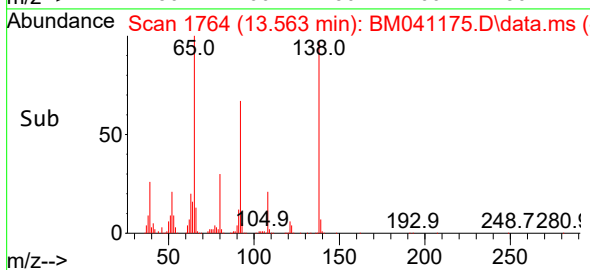
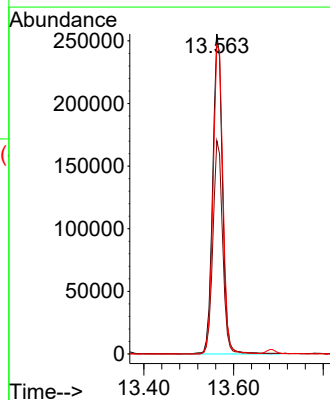
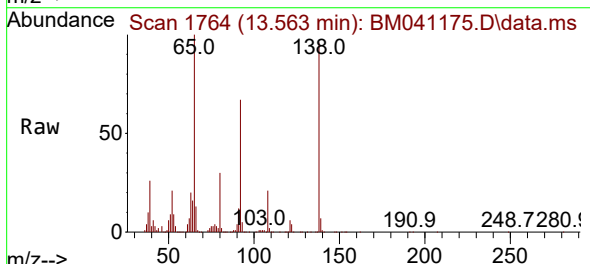
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

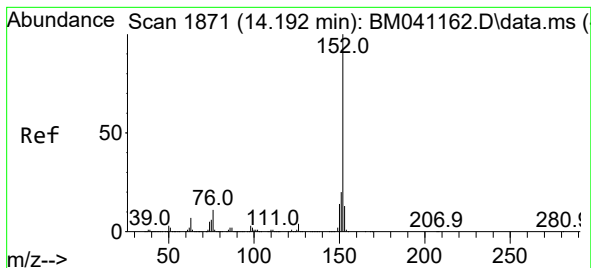
Tgt Ion:162 Resp: 1166928
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 33.0 25.6 38.4



#48
2-Nitroaniline
Concen: 48.613 ng
RT: 13.563 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion: 65 Resp: 388233
Ion Ratio Lower Upper
65 100
92 66.7 53.0 79.4
138 96.5 79.1 118.7





#49

Acenaphthylene

Concen: 45.565 ng

RT: 14.192 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

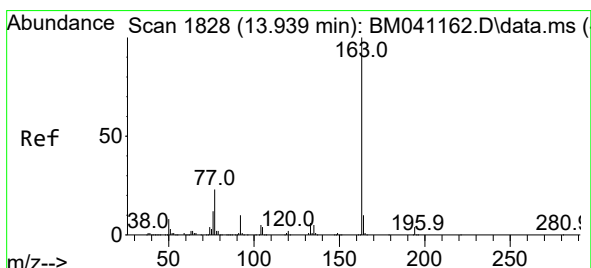
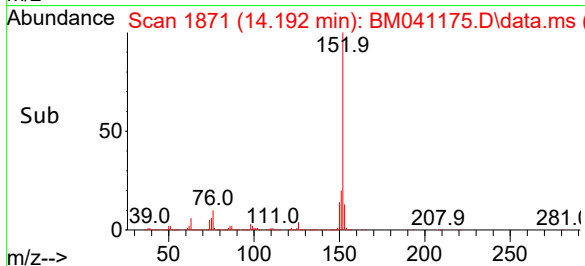
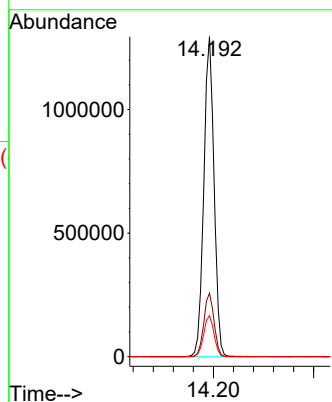
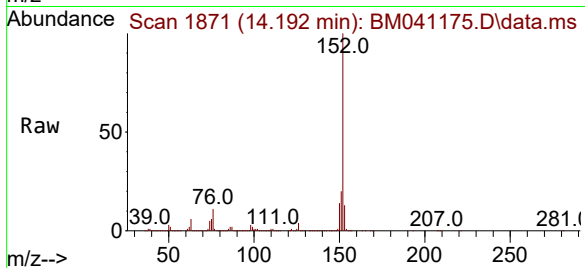
Tgt Ion:152 Resp: 1840084

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 49.315 ng

RT: 13.939 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

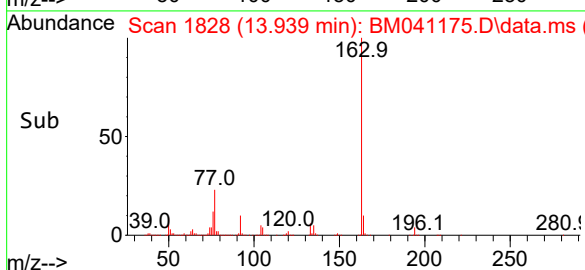
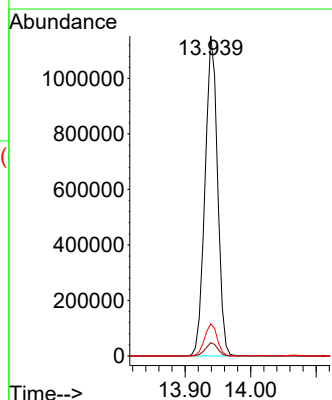
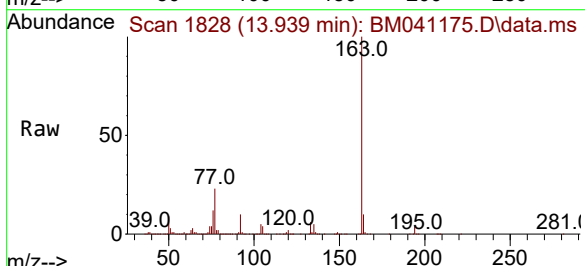
Tgt Ion:163 Resp: 1533280

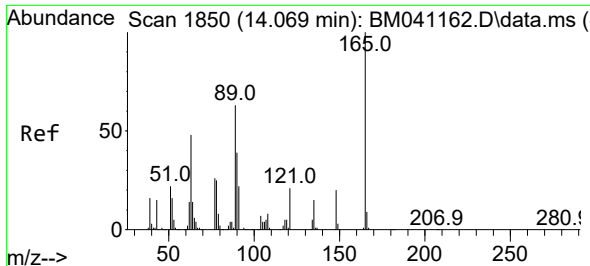
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.3 12.5

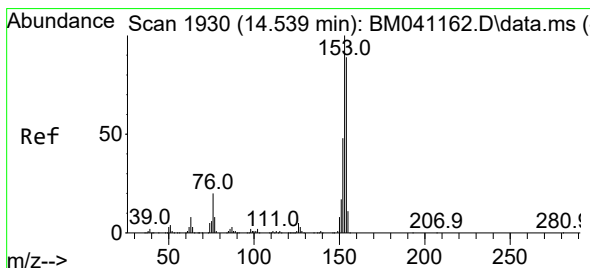
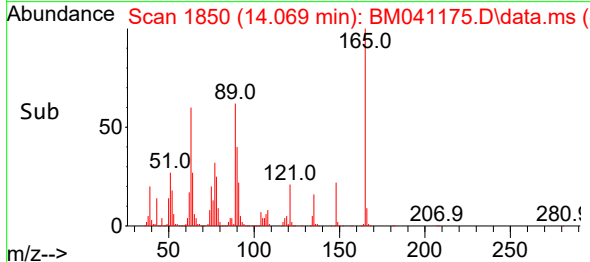
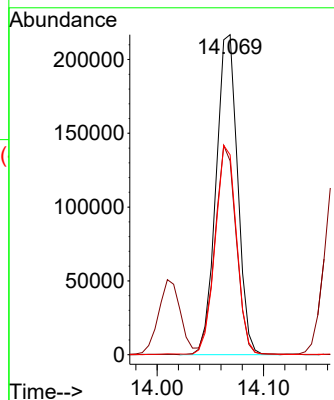
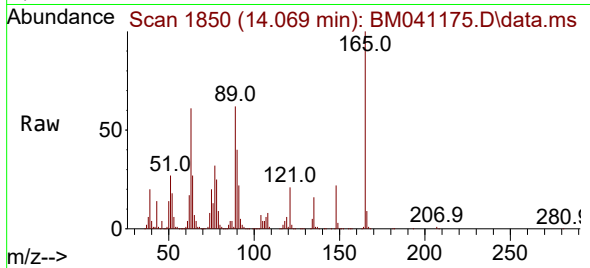




#51
2,6-Dinitrotoluene
Concen: 47.245 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.001 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

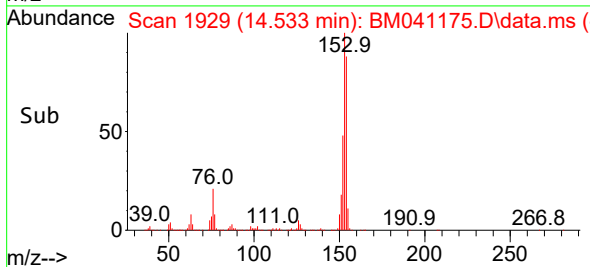
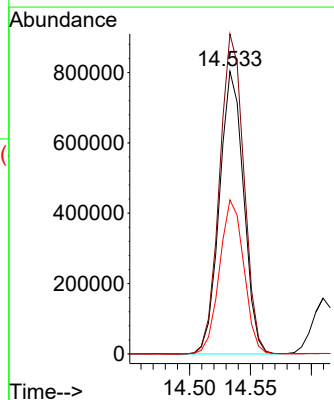
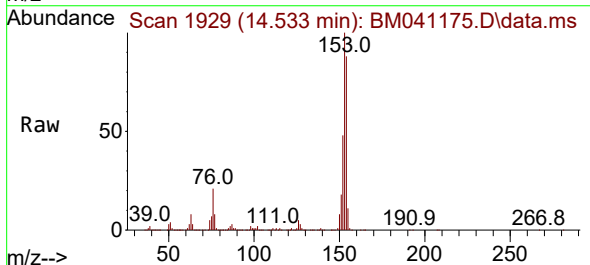
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

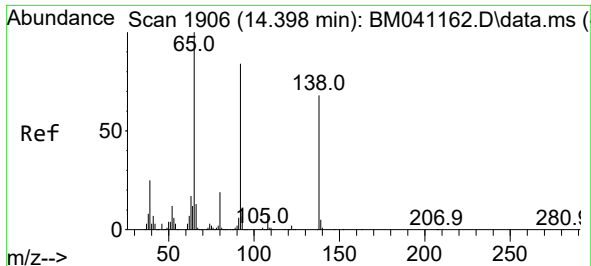
Tgt Ion:165 Resp: 304357
Ion Ratio Lower Upper
165 100
63 60.5 50.9 76.3
89 62.5 50.6 76.0



#52
Acenaphthene
Concen: 45.638 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:154 Resp: 1110294
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 54.5 43.4 65.0

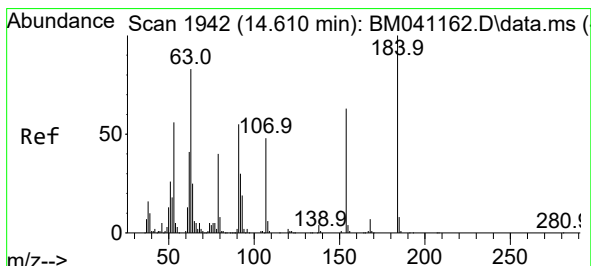
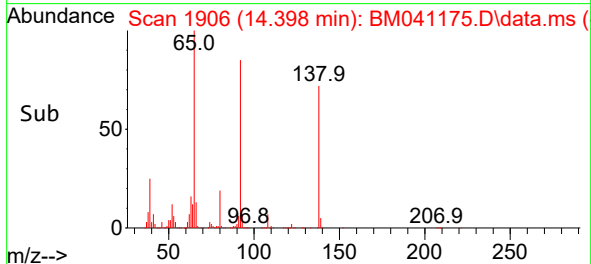
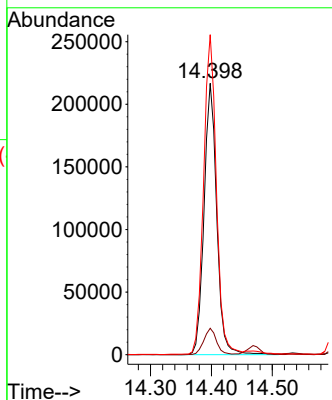
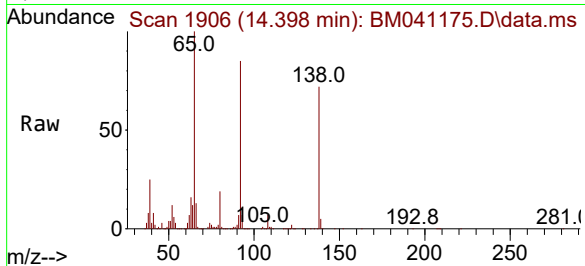




#53
3-Nitroaniline
Concen: 42.477 ng
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

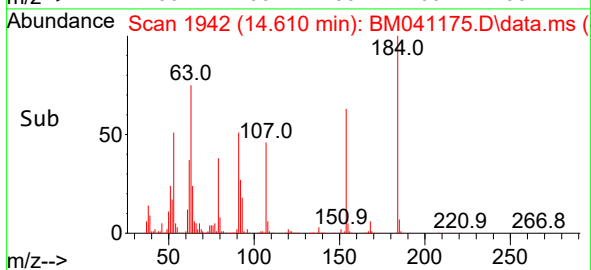
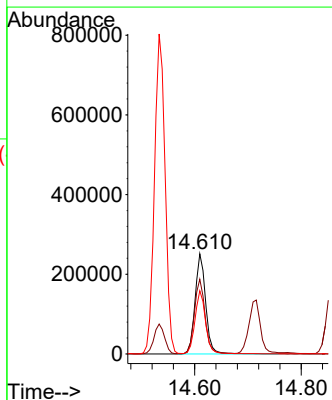
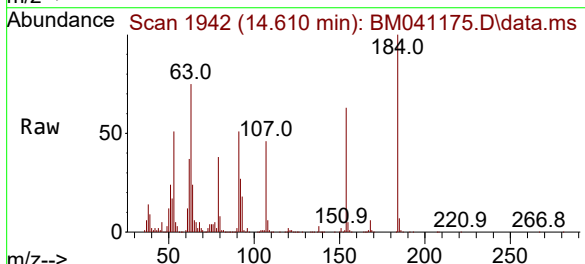
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

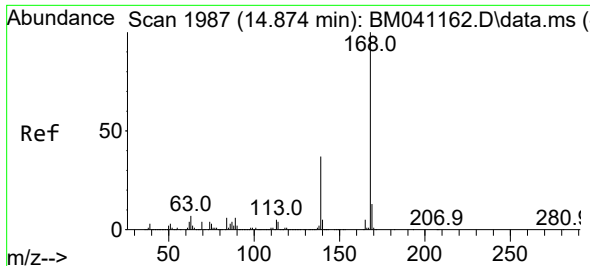
Tgt Ion:138 Resp: 314313
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.9 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 79.452 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:184 Resp: 345457
Ion Ratio Lower Upper
184 100
63 74.7 66.5 99.7
154 63.1 52.8 79.2

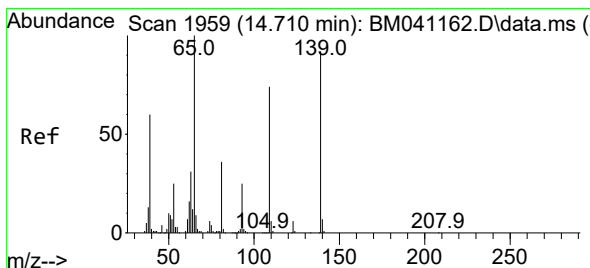
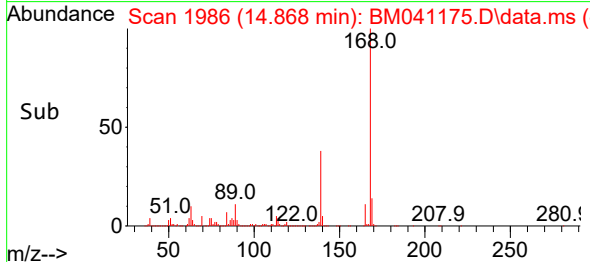
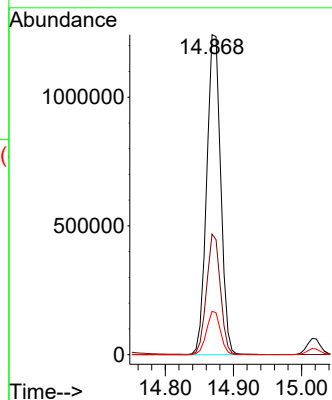
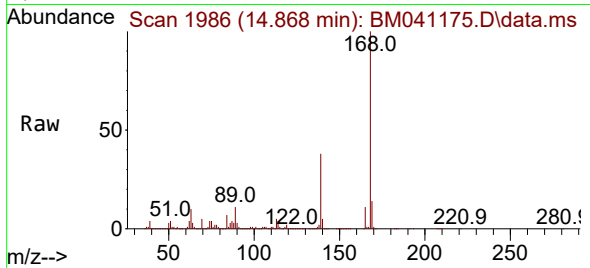




#55
Dibenzenofuran
Concen: 44.810 ng
RT: 14.868 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

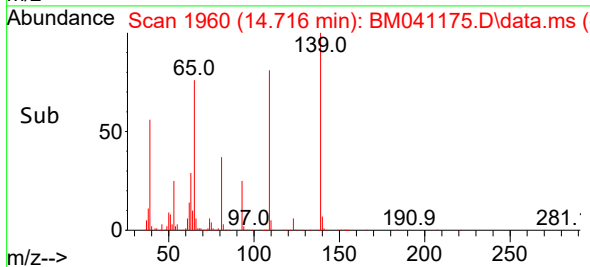
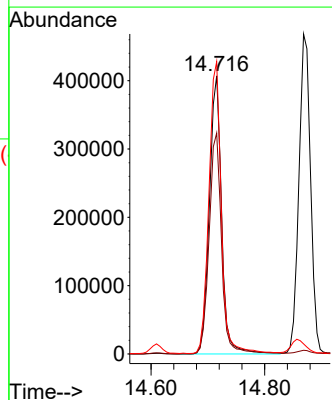
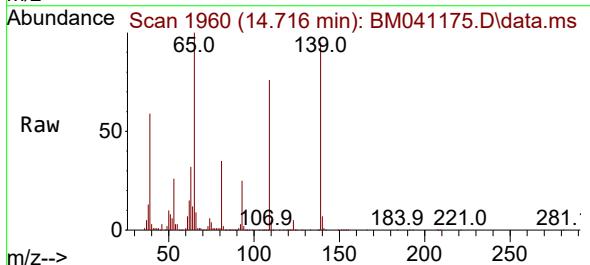
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

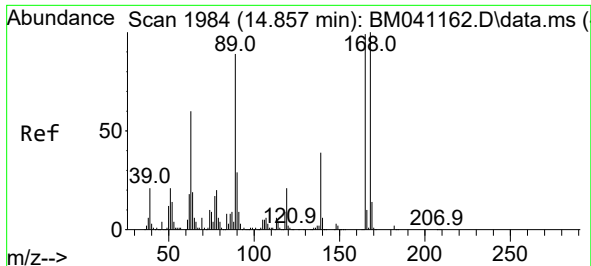
Tgt Ion:168 Resp: 1778602
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 113.093 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:139 Resp: 607199
Ion Ratio Lower Upper
139 100
109 79.4 61.2 101.2
65 105.1 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 45.204 ng

RT: 14.857 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion:165 Resp: 414348

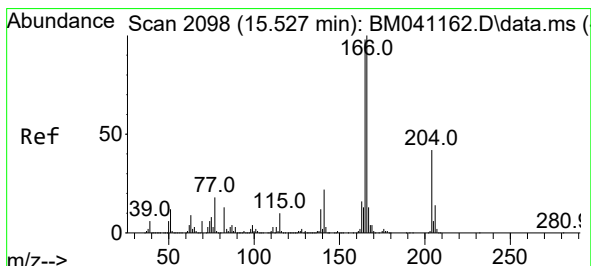
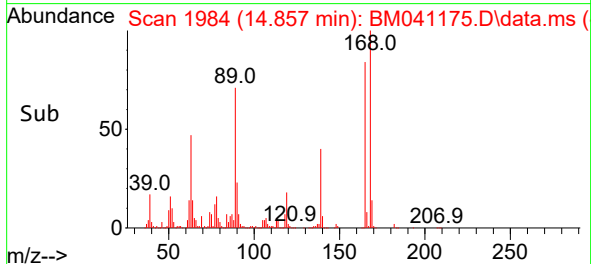
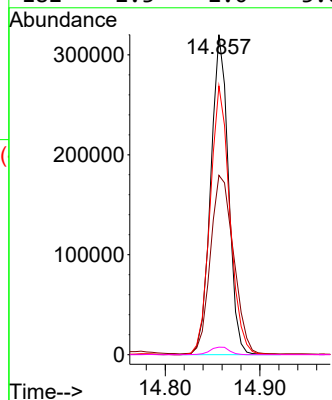
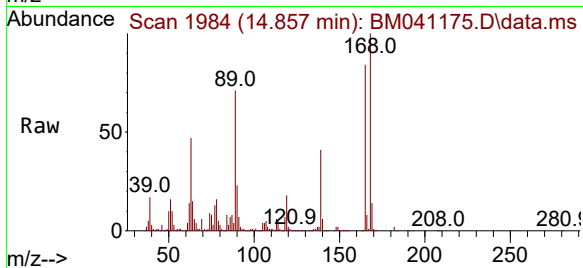
Ion Ratio Lower Upper

165 100

63 56.1 48.3 72.5

89 84.0 71.8 107.8

182 2.3 2.0 3.0



#58

Fluorene

Concen: 45.997 ng

RT: 15.521 min Scan# 2097

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

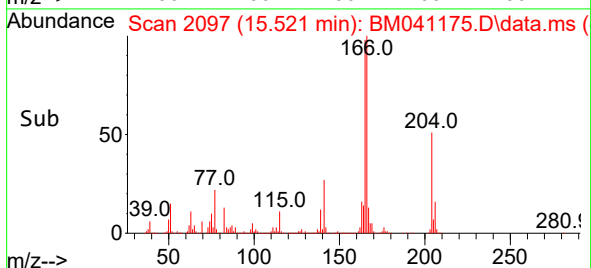
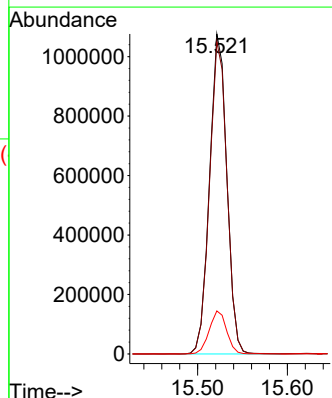
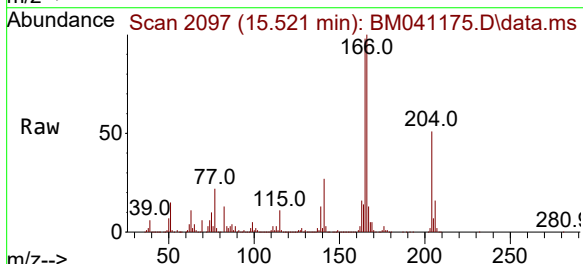
Tgt Ion:166 Resp: 1440311

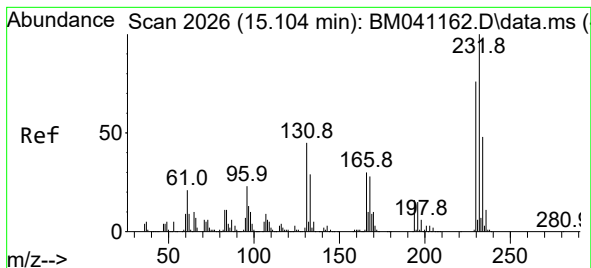
Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.4

167 13.5 10.6 16.0

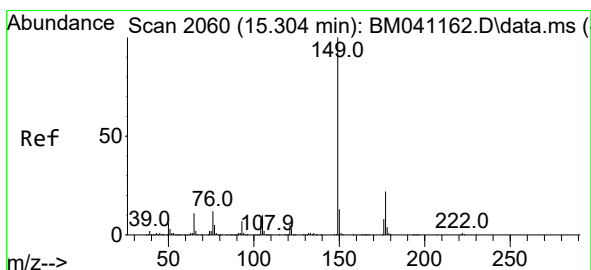
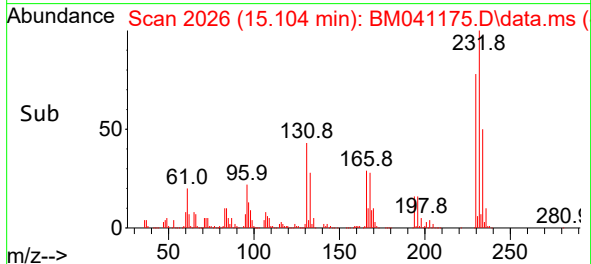
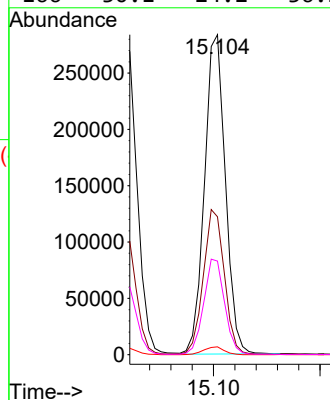
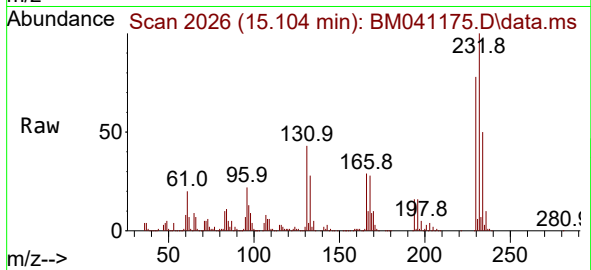




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.015 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

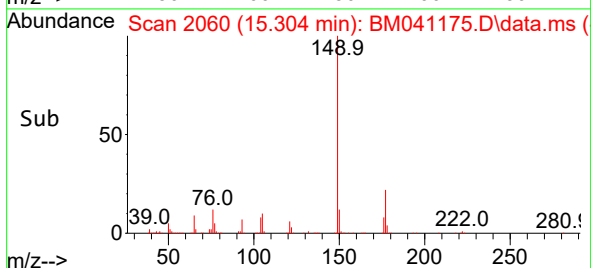
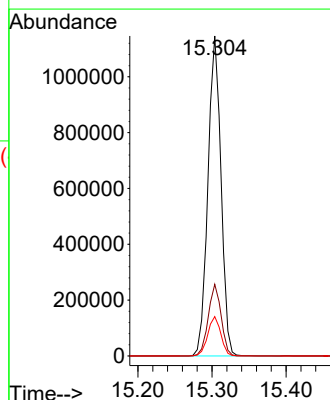
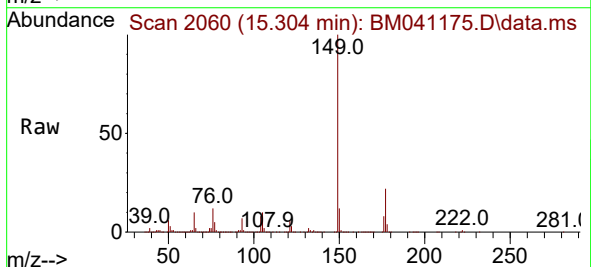
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

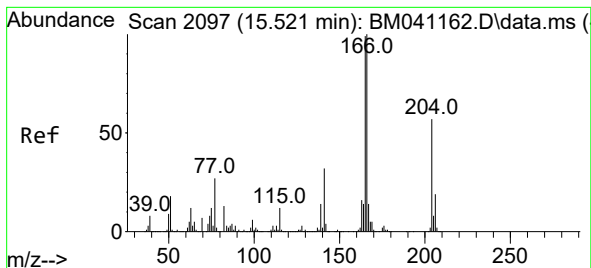
Tgt Ion:232 Resp: 387121
Ion Ratio Lower Upper
232 100
131 45.7 36.9 55.3
130 2.4 2.0 3.0
166 30.1 24.2 36.2



#60
Diethylphthalate
Concen: 46.646 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:149 Resp: 1402492
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.3 10.1 15.1

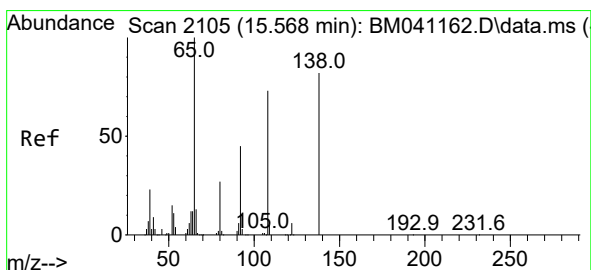
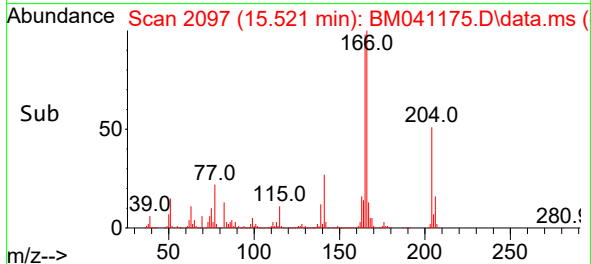
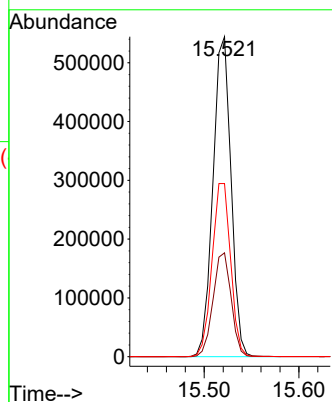
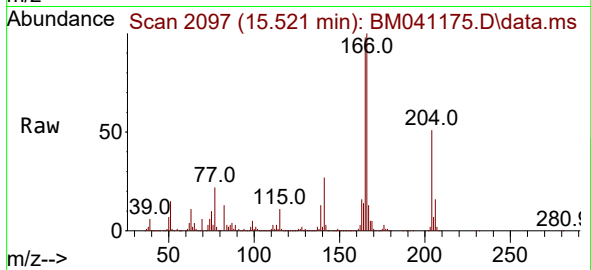




#61
4-Chlorophenyl-phenylether
Concen: 45.870 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

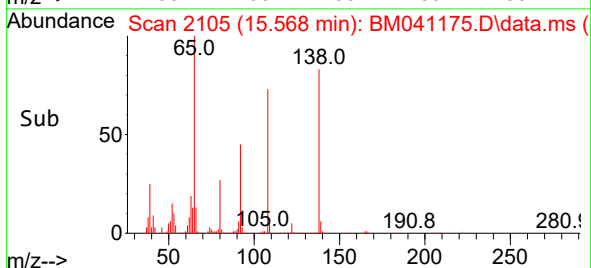
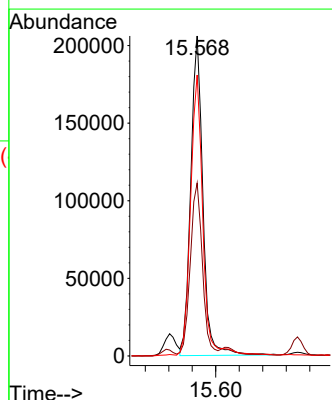
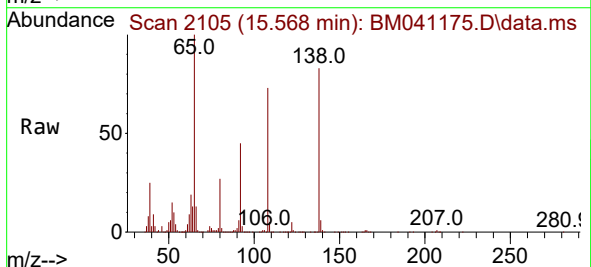
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

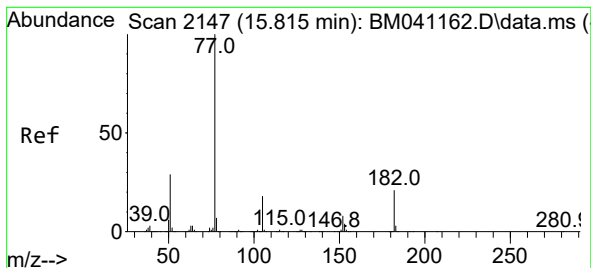
Tgt Ion:204 Resp: 719755
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 54.1 44.8 67.2



#62
4-Nitroaniline
Concen: 43.456 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:138 Resp: 295630
Ion Ratio Lower Upper
138 100
92 54.1 35.1 75.1
108 87.8 67.8 107.8





#63

Azobenzene

Concen: 45.987 ng

RT: 15.815 min Scan# 2147

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 77 Resp: 1514567

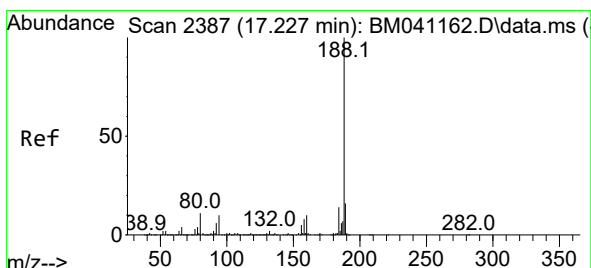
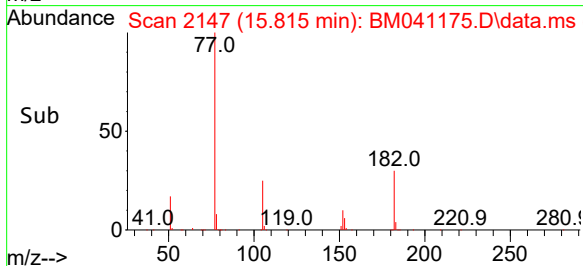
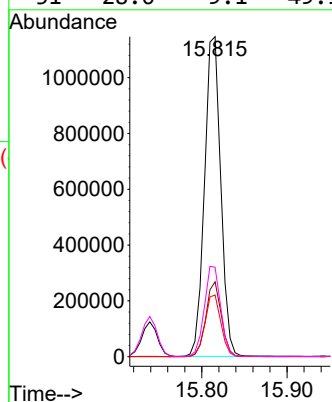
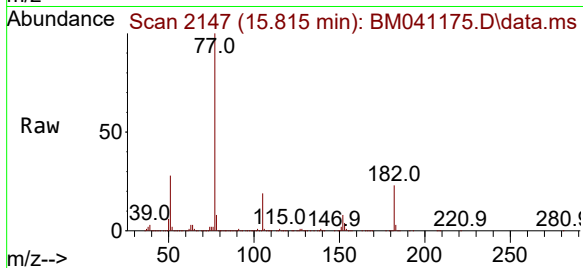
Ion Ratio Lower Upper

77 100

182 23.4 1.3 41.3

105 19.3 0.0 38.5

51 28.0 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: BM041175.D

Acq: 28 Jul 2023 21:00

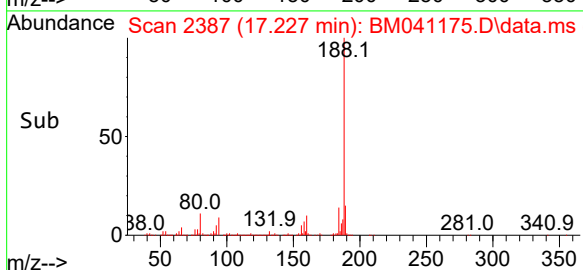
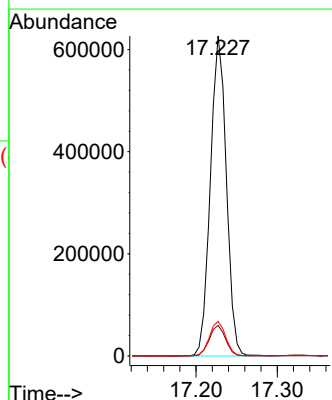
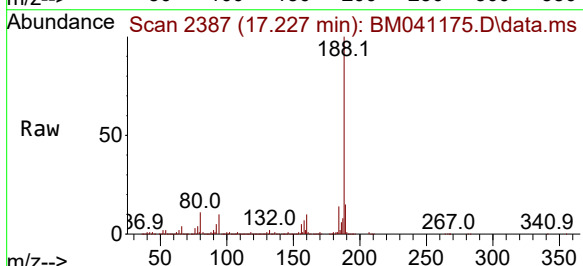
Tgt Ion:188 Resp: 855318

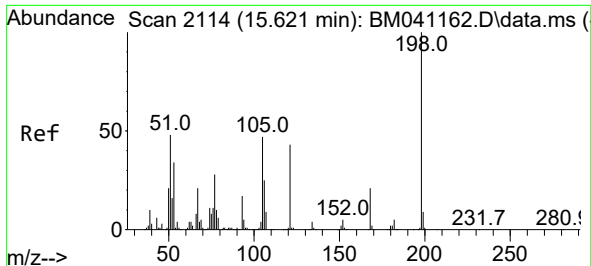
Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.8 8.6 13.0

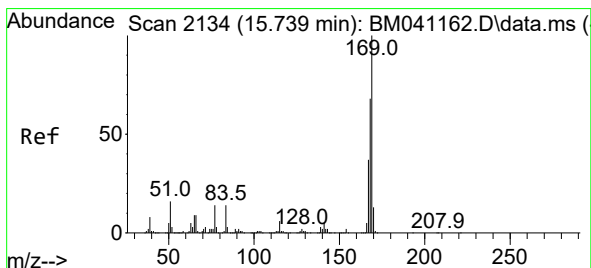
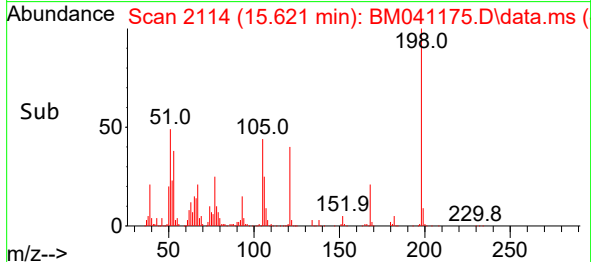
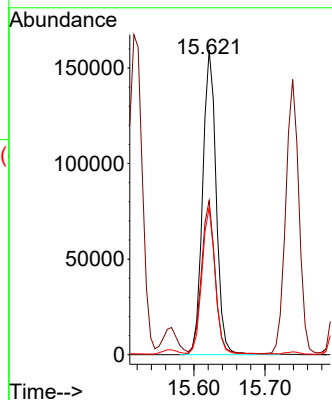
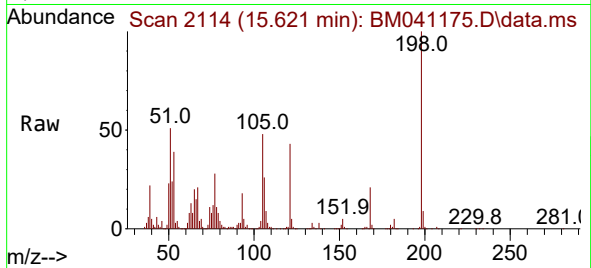




#65
4,6-Dinitro-2-methylphenol
Concen: 40.796 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

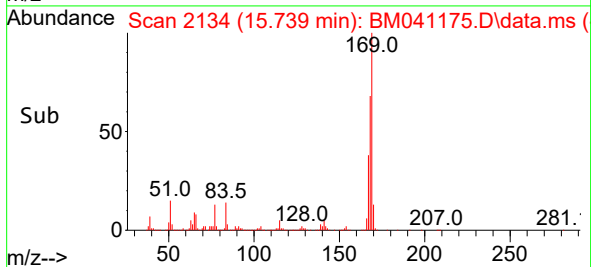
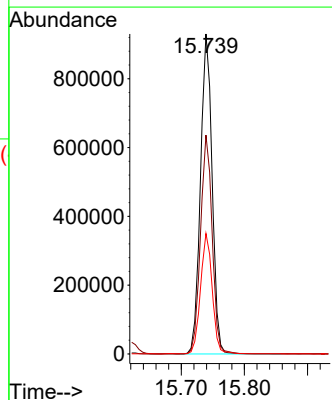
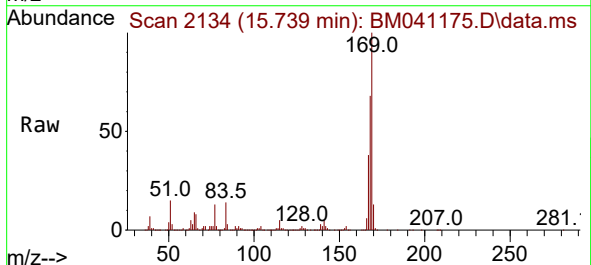
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

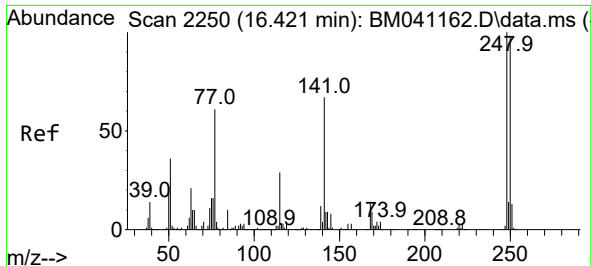
Tgt Ion:198 Resp: 211385
Ion Ratio Lower Upper
198 100
51 50.6 31.7 71.7
105 48.2 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.678 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:169 Resp: 1188488
Ion Ratio Lower Upper
169 100
168 68.4 54.6 81.8
167 37.6 29.9 44.9

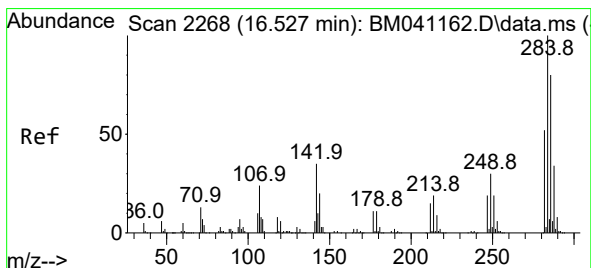
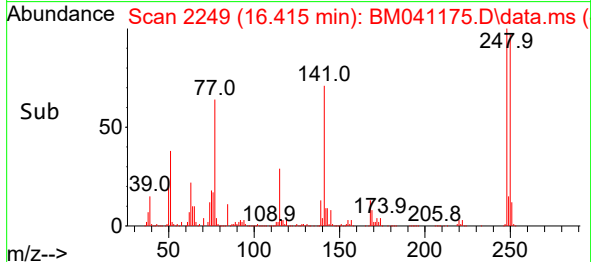
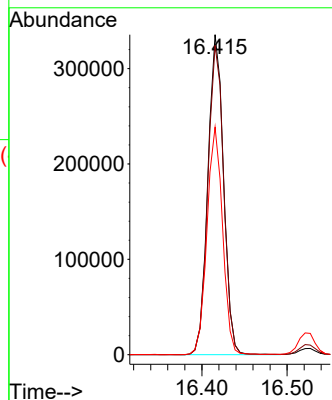
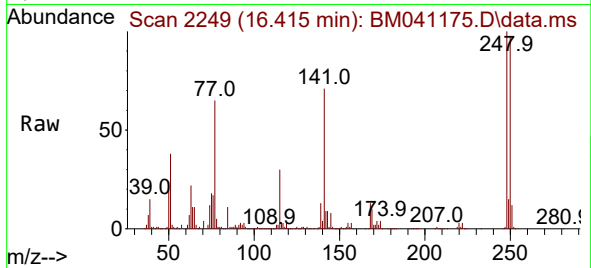




#67
4-Bromophenyl-phenylether
Concen: 45.823 ng
RT: 16.415 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

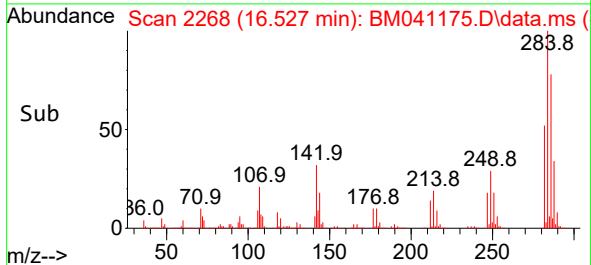
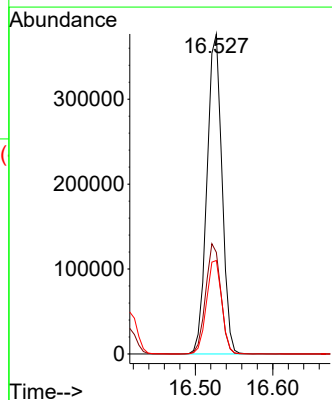
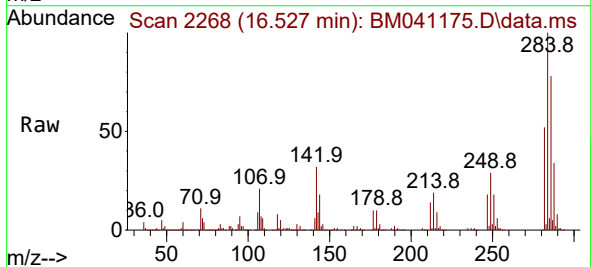
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

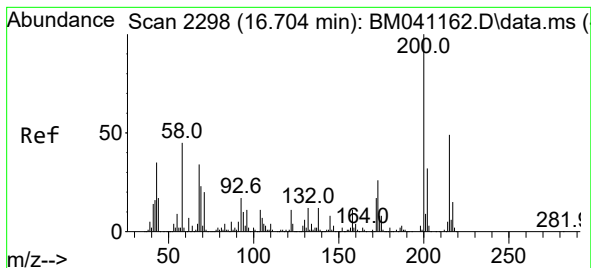
Tgt Ion:248 Resp: 429722
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 71.1 53.8 80.8



#68
Hexachlorobenzene
Concen: 48.488 ng
RT: 16.527 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:284 Resp: 505627
Ion Ratio Lower Upper
284 100
142 31.8 28.0 42.0
249 29.2 23.7 35.5





#69

Atrazine

Concen: 59.080 ng

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

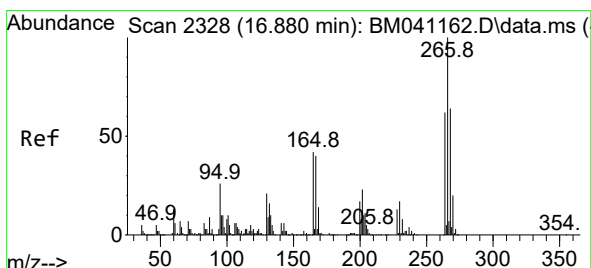
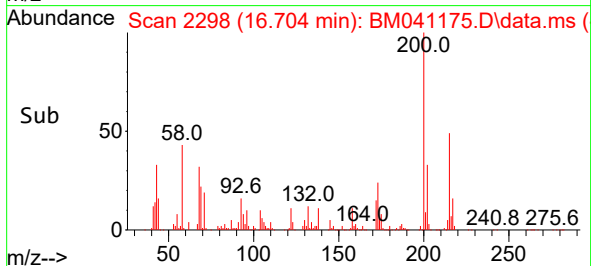
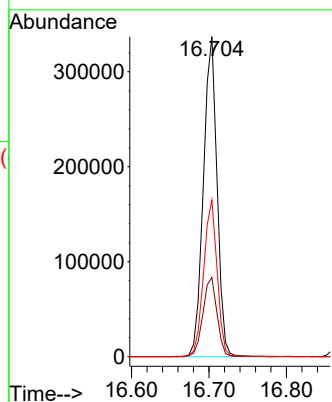
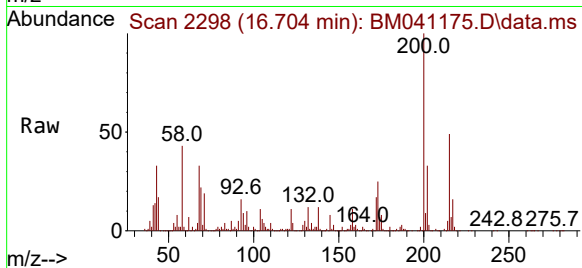
Tgt Ion:200 Resp: 412722

Ion Ratio Lower Upper

200 100

173 24.8 5.6 45.6

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 92.400 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

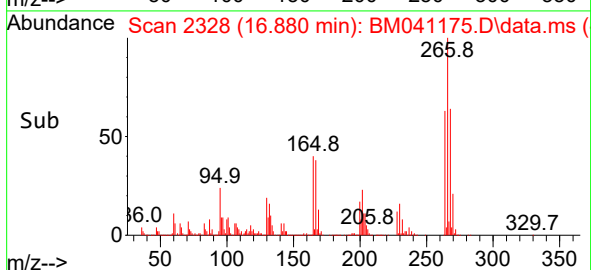
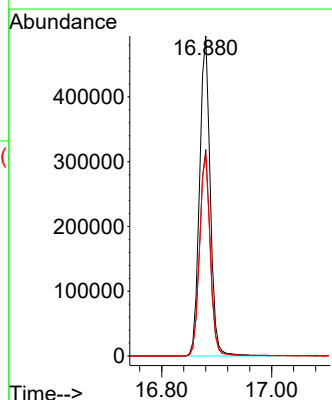
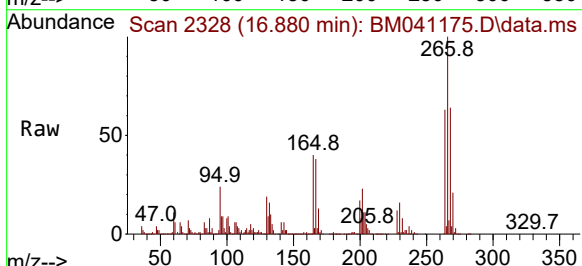
Tgt Ion:266 Resp: 667200

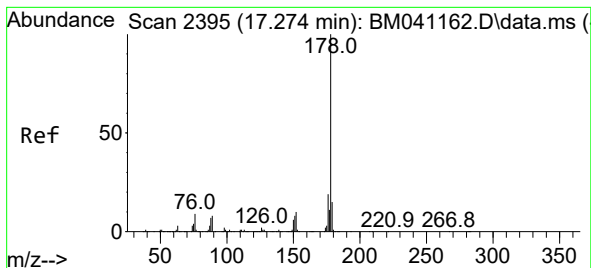
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 62.6 49.4 74.2





#71

Phenanthrene

Concen: 48.302 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

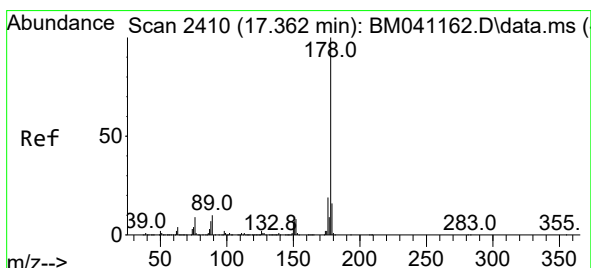
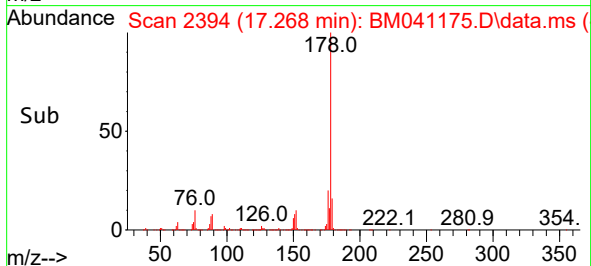
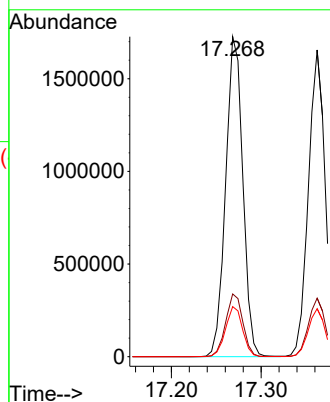
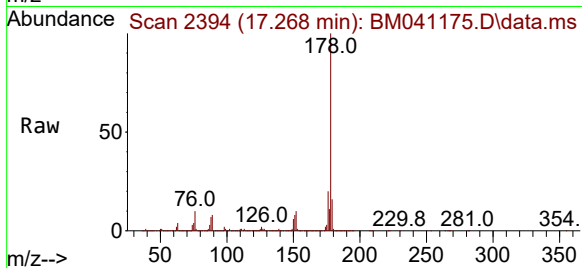
Tgt Ion:178 Resp: 2295408

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.7 12.1 18.1



#72

Anthracene

Concen: 46.523 ng

RT: 17.362 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

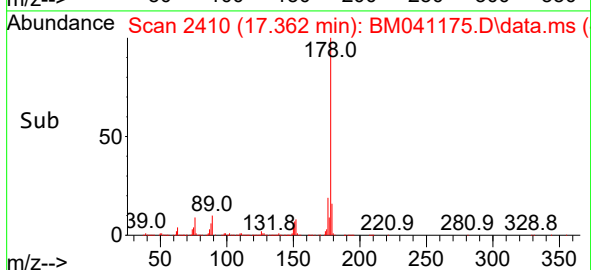
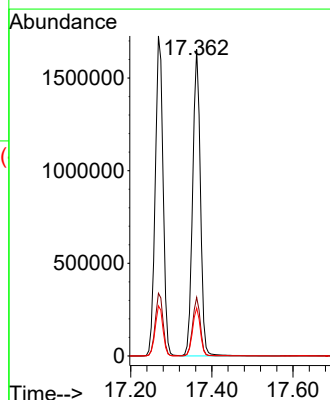
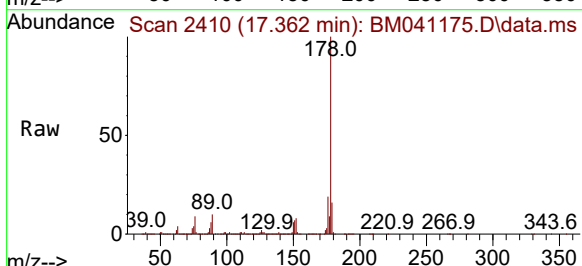
Tgt Ion:178 Resp: 2186590

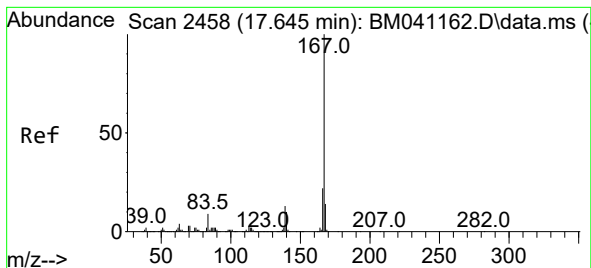
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.7 12.4 18.6





#73

Carbazole

Concen: 48.038 ng

RT: 17.645 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

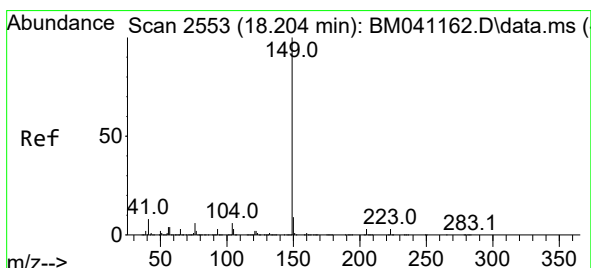
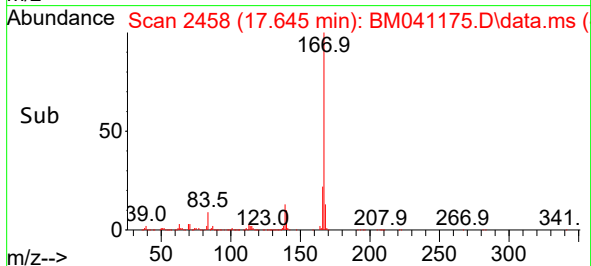
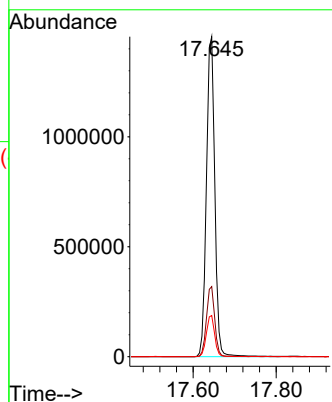
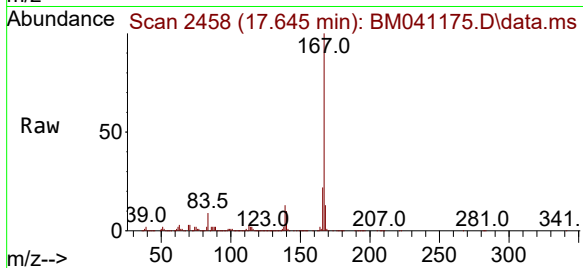
Tgt Ion:167 Resp: 2043515

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.149 ng

RT: 18.204 min Scan# 2553

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

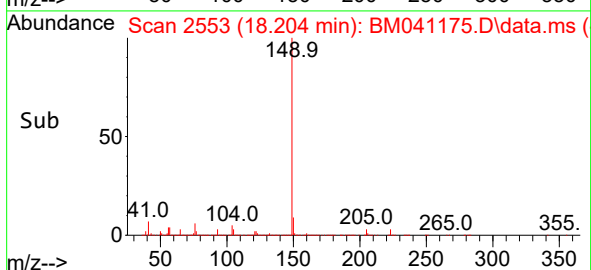
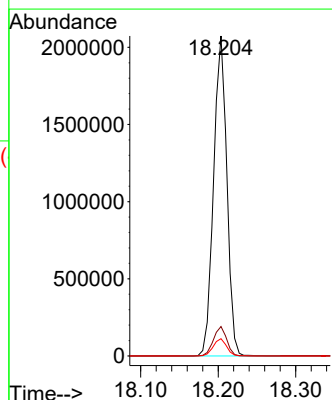
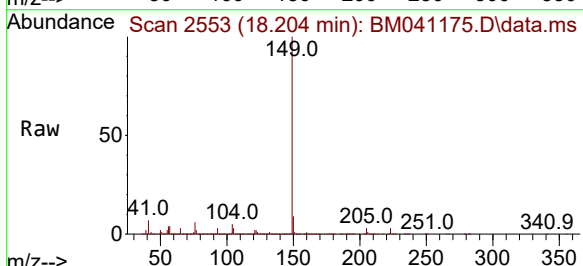
Tgt Ion:149 Resp: 2458744

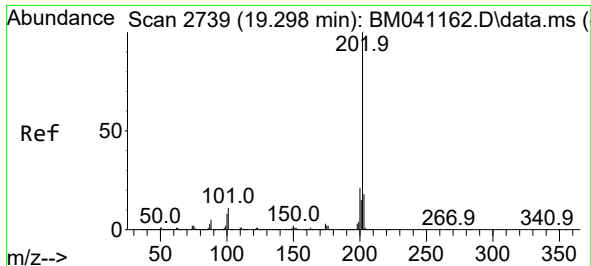
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.4 4.5 6.7

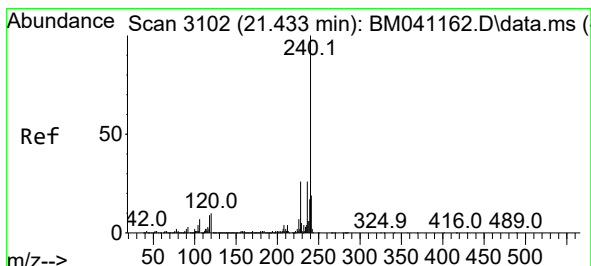
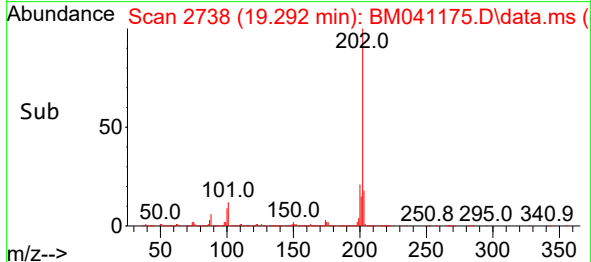
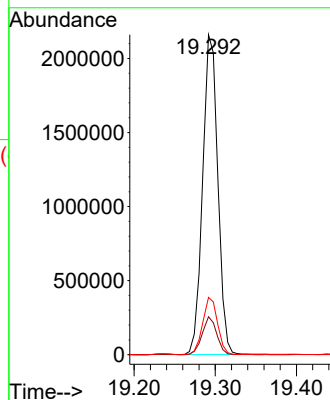
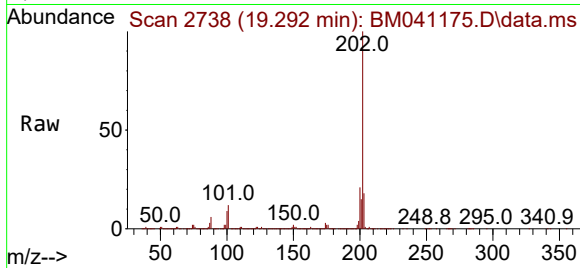




#75
Fluoranthene
Concen: 52.495 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

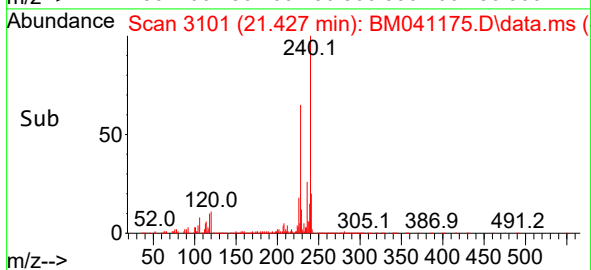
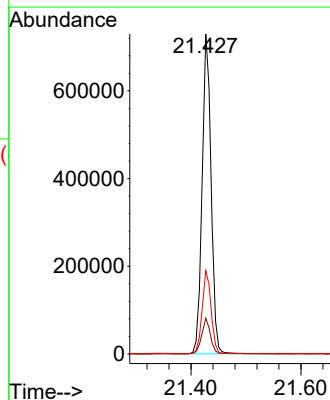
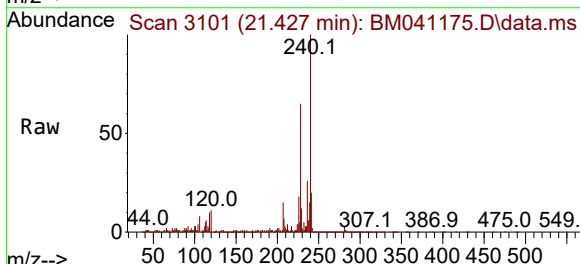
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

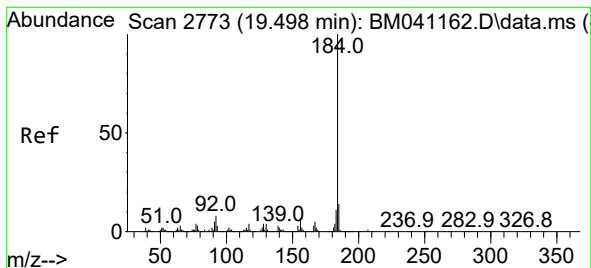
Tgt Ion:202 Resp: 2802690
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.8
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:240 Resp: 829098
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 26.0 20.6 30.8





#77

Benzidine

Concen: 71.195 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

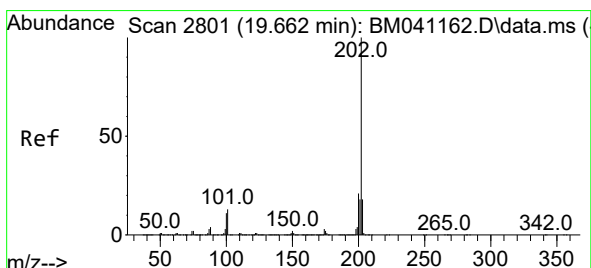
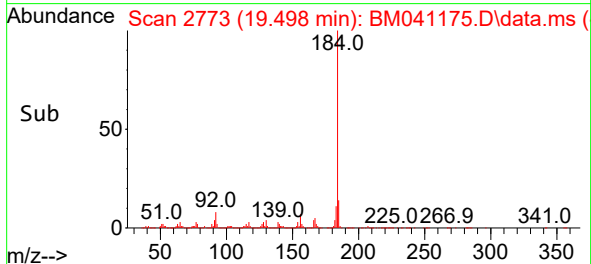
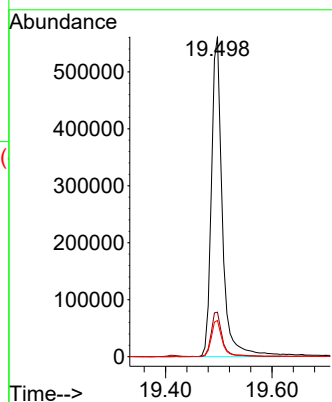
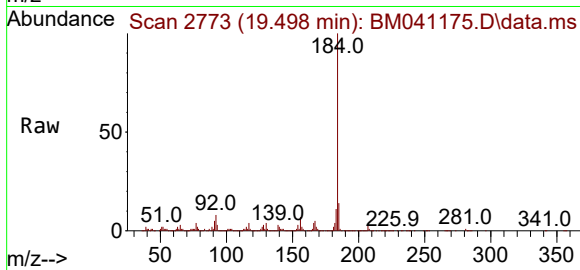
Tgt Ion:184 Resp: 804544

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 49.601 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

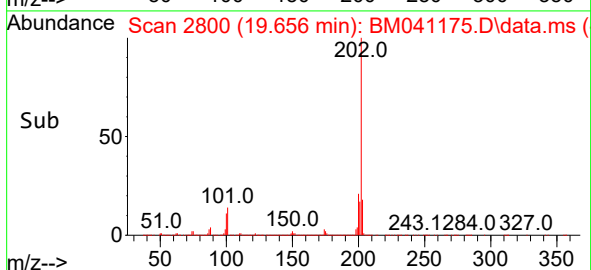
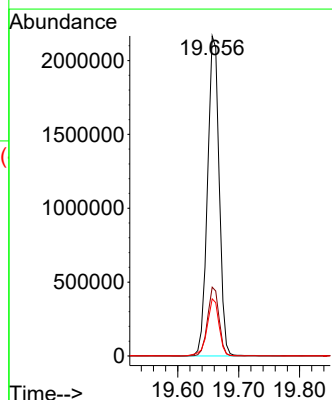
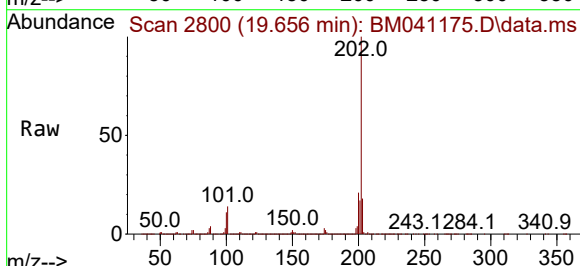
Tgt Ion:202 Resp: 2875871

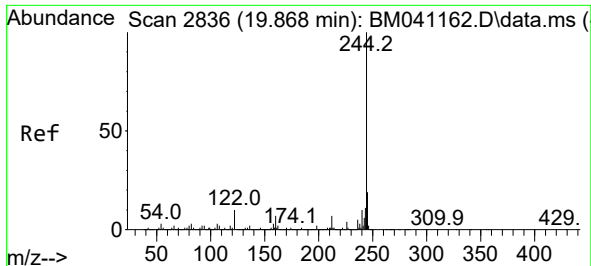
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.9 14.1 21.1

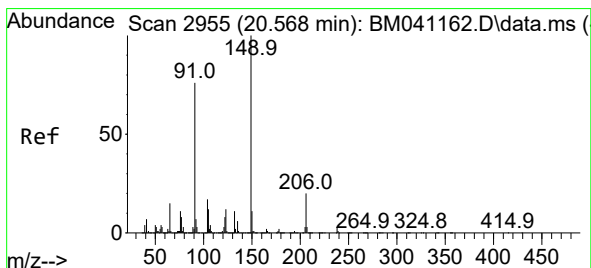
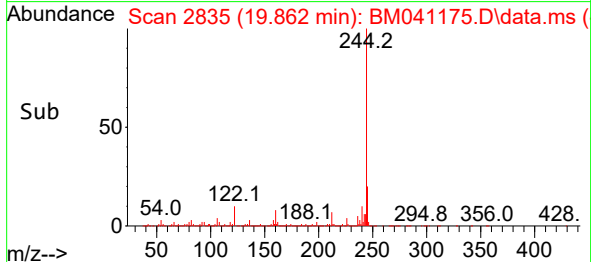
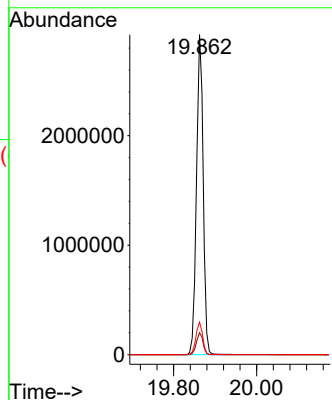
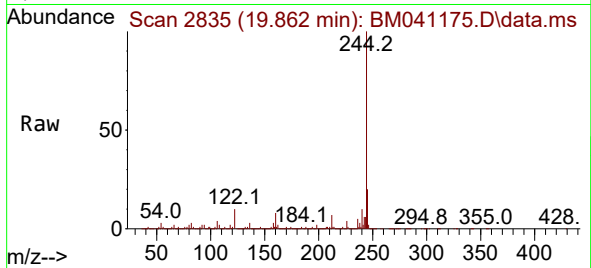




#79
 Terphenyl-d14
 Concen: 71.088 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

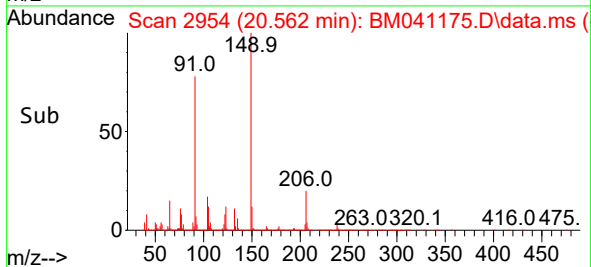
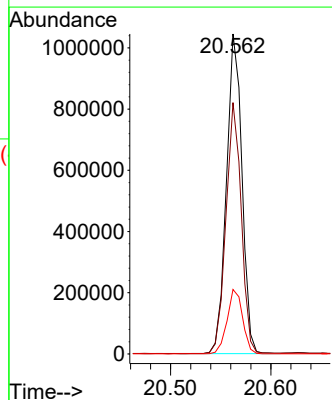
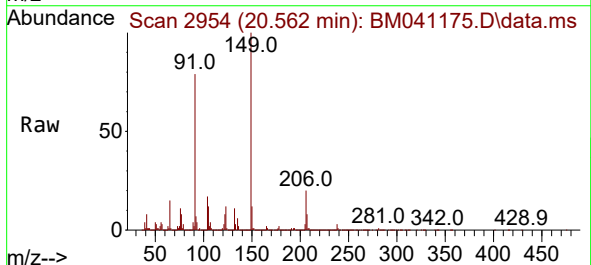
Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(1-5)MSD

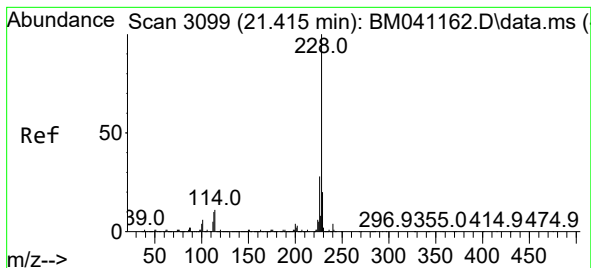
Tgt Ion:244 Resp: 3259782
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.1 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 52.866 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM041175.D
 Acq: 28 Jul 2023 21:00

Tgt Ion:149 Resp: 1119340
 Ion Ratio Lower Upper
 149 100
 91 78.5 60.8 91.2
 206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.144 ng

RT: 21.415 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

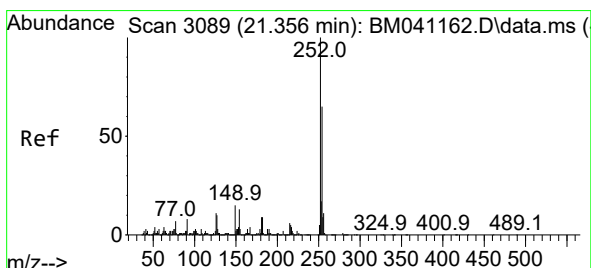
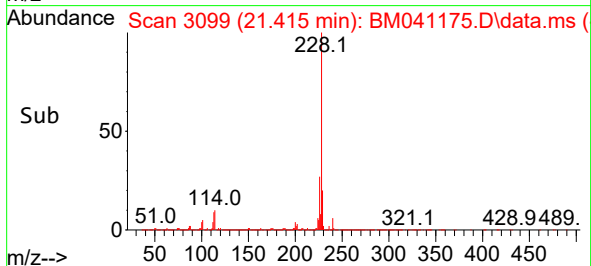
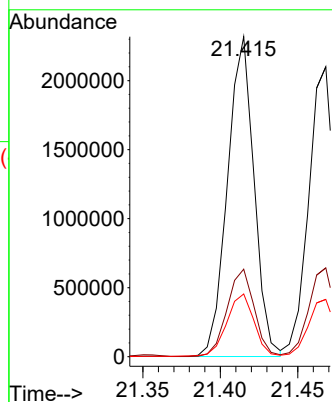
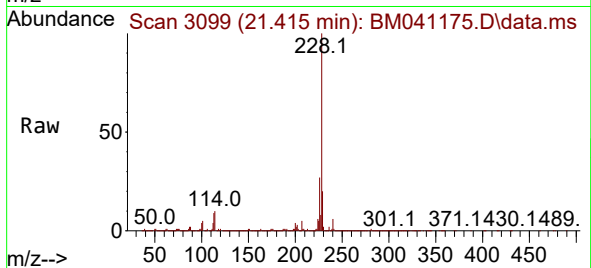
Tgt Ion:228 Resp: 2762190

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.505 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

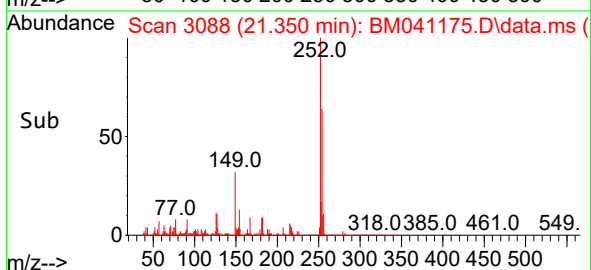
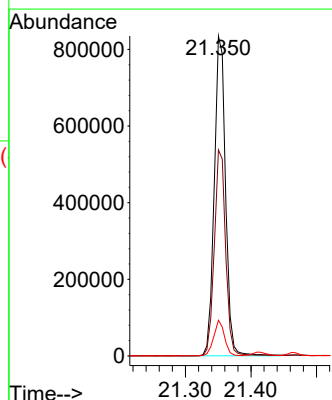
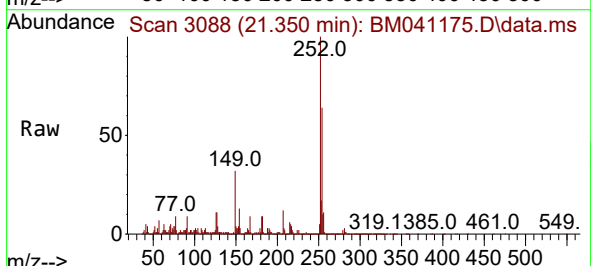
Tgt Ion:252 Resp: 999663

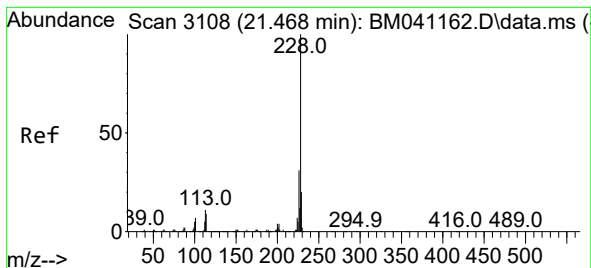
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 11.2 8.6 13.0





#83

Chrysene

Concen: 46.585 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

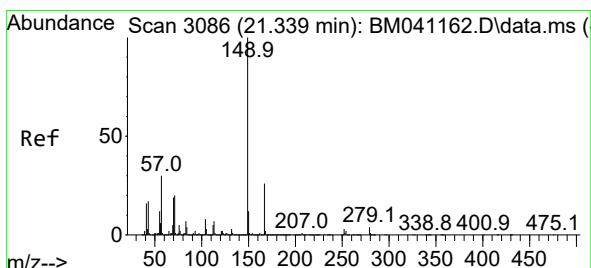
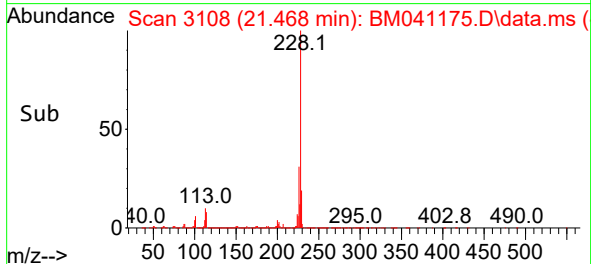
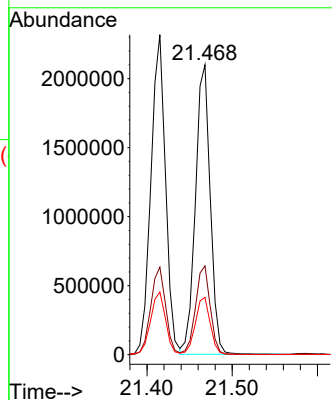
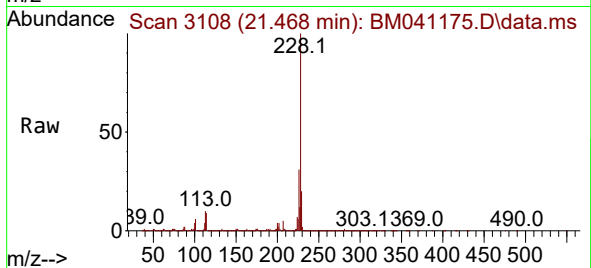
Tgt Ion:228 Resp: 2532609

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.926 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

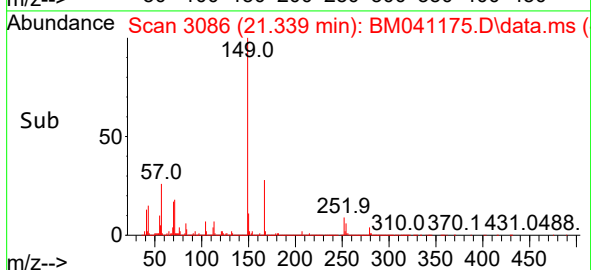
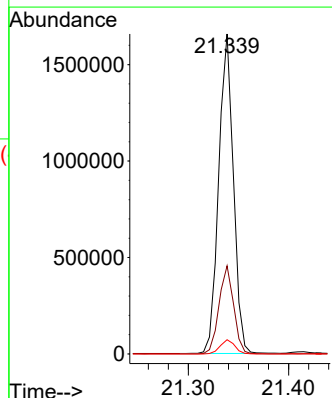
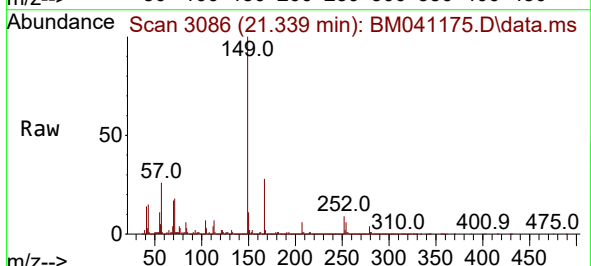
Tgt Ion:149 Resp: 1682333

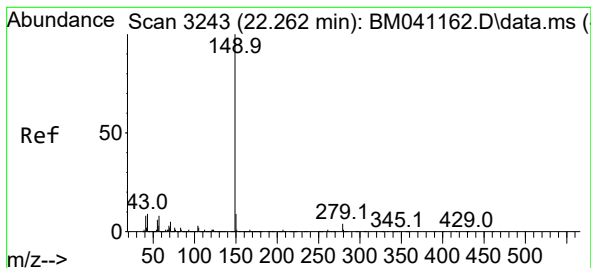
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.6

279 4.4 3.1 4.7

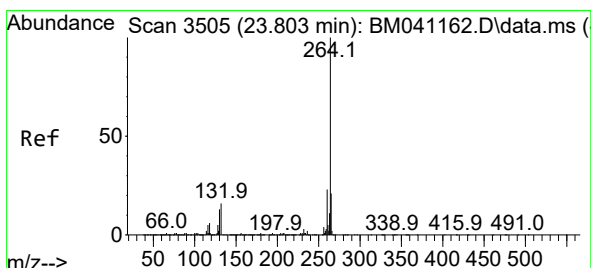
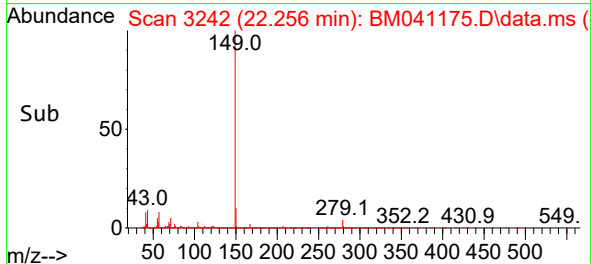
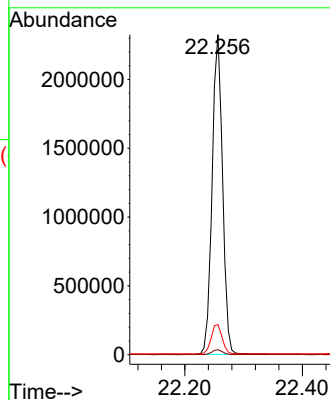
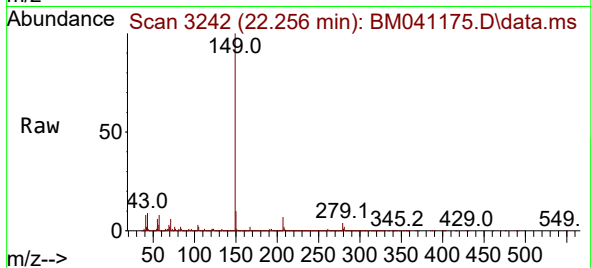




#85
Di-n-octyl phthalate
Concen: 53.535 ng
RT: 22.256 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

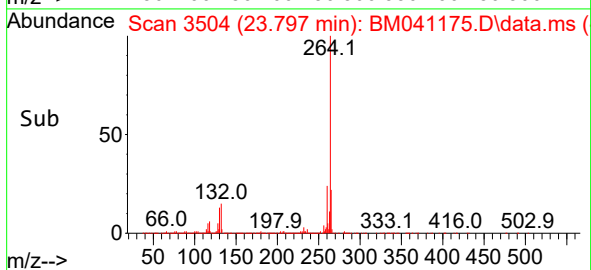
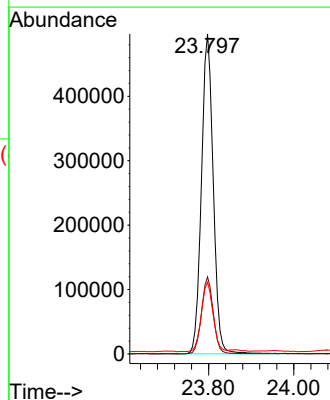
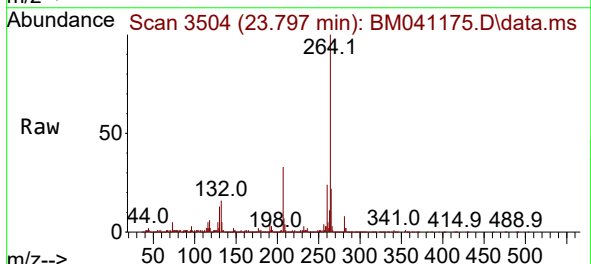
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

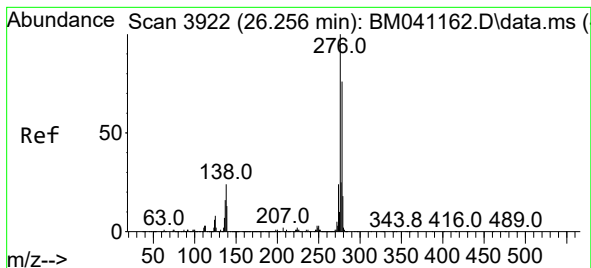
Tgt Ion:149 Resp: 2864753
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:264 Resp: 953040
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.973 ng

RT: 26.256 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

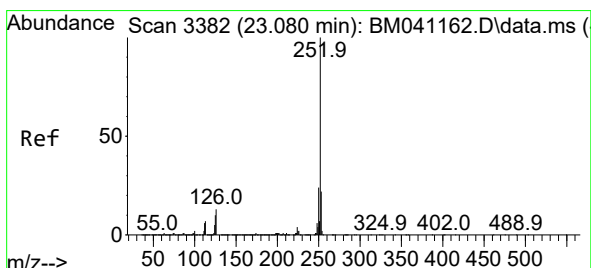
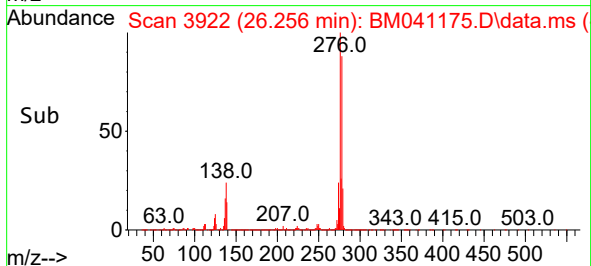
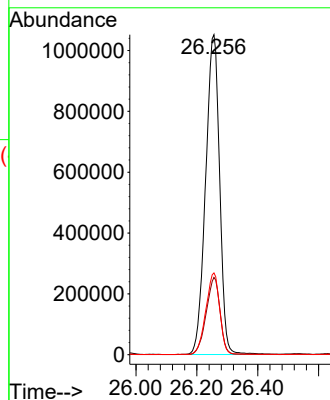
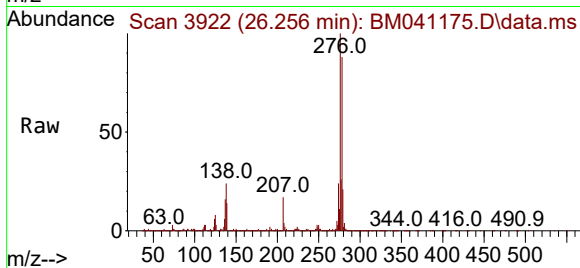
Tgt Ion:276 Resp: 3361398

Ion Ratio Lower Upper

276 100

138 23.8 20.0 30.0

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.628 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.000 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

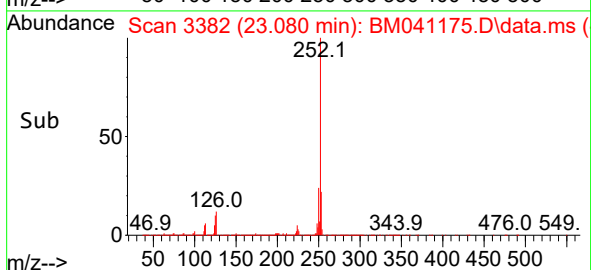
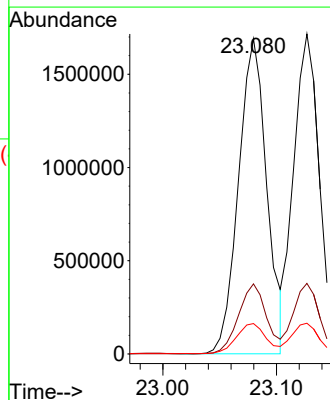
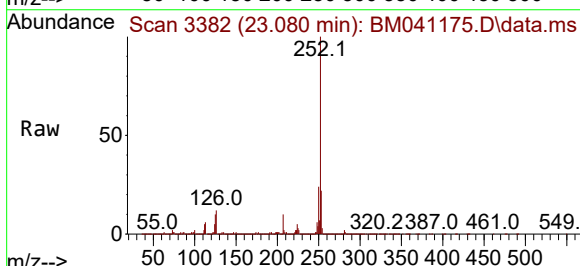
Tgt Ion:252 Resp: 2922970

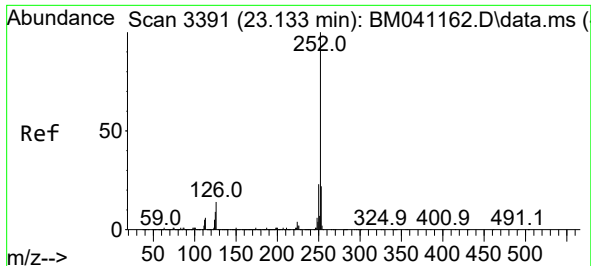
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.7 8.2 12.4

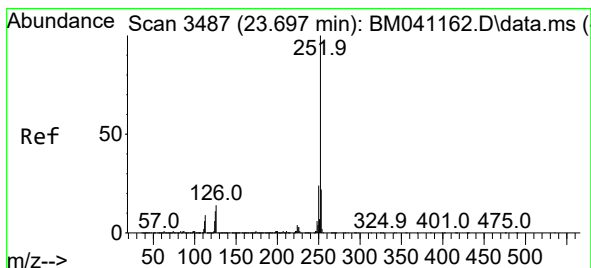
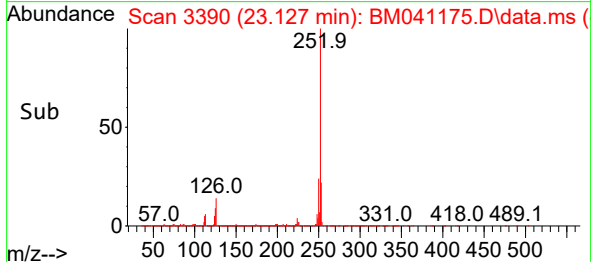
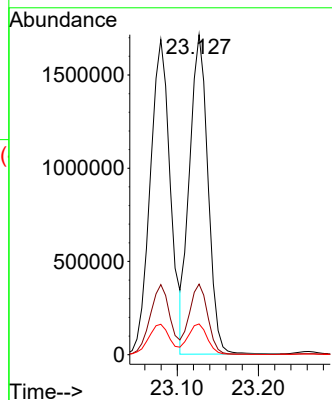
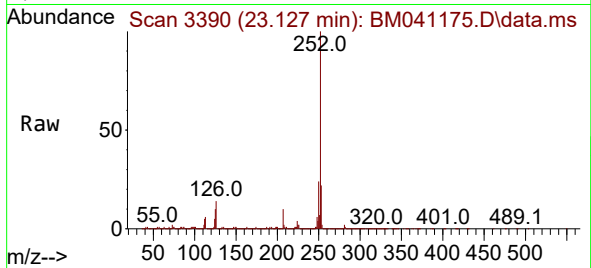




#89
Benzo(k)fluoranthene
Concen: 46.665 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

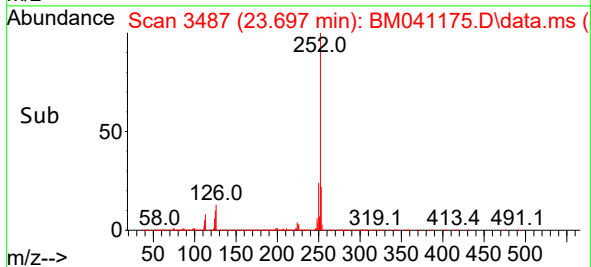
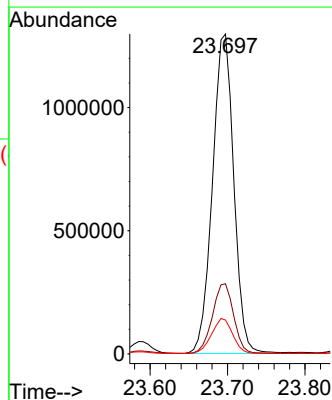
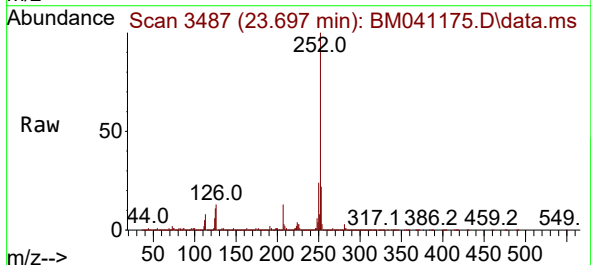
Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

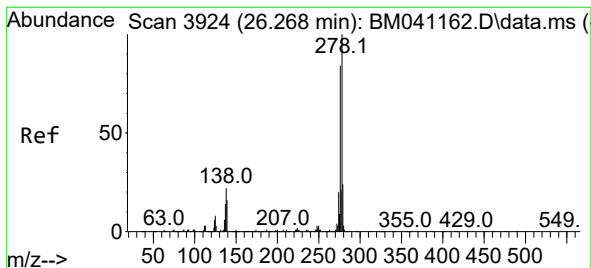
Tgt Ion:252 Resp: 2702511
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 45.459 ng
RT: 23.697 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM041175.D
Acq: 28 Jul 2023 21:00

Tgt Ion:252 Resp: 2472993
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 46.837 ng

RT: 26.262 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Instrument :

BNA_M

ClientSampleId :

SB-04-(1-5)MSD

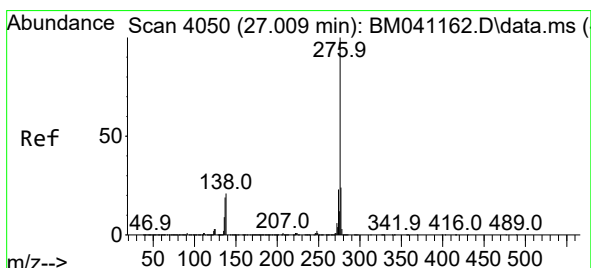
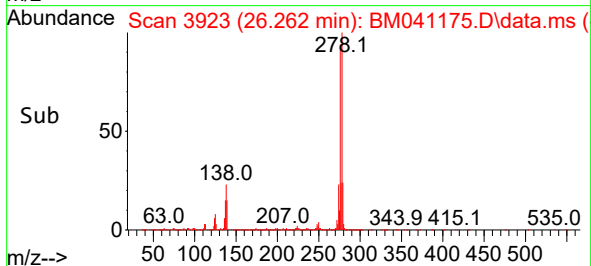
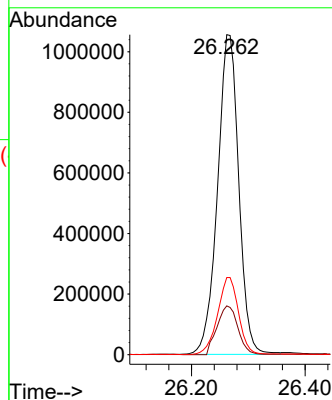
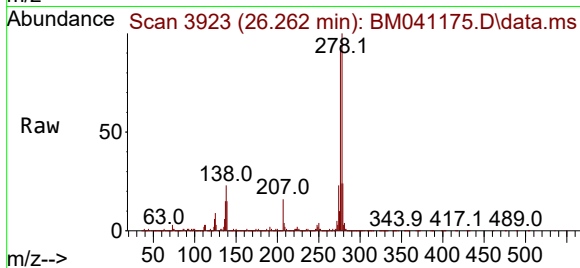
Tgt Ion:278 Resp: 2737288

Ion Ratio Lower Upper

278 100

139 15.3 12.7 19.1

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.886 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BM041175.D

Acq: 28 Jul 2023 21:00

Tgt Ion:276 Resp: 2681210

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 21.1 17.1 25.7

