

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041179.D
 Acq On : 28 Jul 2023 23:33
 Operator : MA/JU
 Sample : PB154118BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

Quant Time: Jul 29 01:21:19 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	7.805	152	143403	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	538614	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	282233	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	530376	20.000	ng	0.00
76) Chrysene-d12	21.427	240	527191	20.000	ng	0.00
86) Perylene-d12	23.798	264	619775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1512220	157.608	ng	0.00
7) Phenol-d6	6.987	99	1867736	150.173	ng	0.00
23) Nitrobenzene-d5	8.987	82	1187320	102.515	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	628376	157.407	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2353424	105.337	ng	0.00
79) Terphenyl-d14	19.863	244	3161405	108.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	146186	35.616	ng	99
3) Pyridine	3.675	79	399232	36.992	ng	96
4) n-Nitrosodimethylamine	3.587	42	216785	43.432	ng	93
6) Aniline	7.140	93	623493	42.836	ng	99
8) 2-Chlorophenol	7.369	128	479860	51.230	ng	100
9) Benzaldehyde	6.952	77	302922	46.159	ng	98
10) Phenol	7.016	94	598287	49.806	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	476628	49.018	ng	98
12) 1,3-Dichlorobenzene	7.693	146	529844	51.965	ng	98
13) 1,4-Dichlorobenzene	7.846	146	538845	52.579	ng	99
14) 1,2-Dichlorobenzene	8.157	146	511074	52.011	ng	99
15) Benzyl Alcohol	8.063	79	420651	53.557	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.346	45	610662	47.135	ng	99
17) 2-Methylphenol	8.263	107	390637	47.600	ng	99
18) Hexachloroethane	8.875	117	199343	52.248	ng	95
19) n-Nitroso-di-n-propyla...	8.628	70	366682	48.540	ng	97
20) 3+4-Methylphenols	8.599	107	520413	47.427	ng	98
22) Acetophenone	8.646	105	683093	47.887	ng	98
24) Nitrobenzene	9.028	77	544710	46.506	ng	99
25) Isophorone	9.551	82	940514	47.837	ng	99
26) 2-Nitrophenol	9.734	139	241592	52.764	ng	96
27) 2,4-Dimethylphenol	9.799	122	406714	50.479	ng	100
28) bis(2-Chloroethoxy)met...	10.040	93	581224	47.195	ng	99
29) 2,4-Dichlorophenol	10.269	162	408674	50.298	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	459425	51.178	ng	99
31) Naphthalene	10.663	128	1373338	46.987	ng	100
32) Benzoic acid	9.957	122	263720	44.240	ng	97
33) 4-Chloroaniline	10.793	127	337949	28.932	ng	98
34) Hexachlorobutadiene	10.934	225	282072	52.245	ng	99
35) Caprolactam	11.604	113	63370	26.961	ng	94
36) 4-Chloro-3-methylphenol	11.922	107	404541	47.304	ng	99
37) 2-Methylnaphthalene	12.281	142	895881	45.464	ng	99
38) 1-Methylnaphthalene	12.504	142	833601	45.199	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	469235	51.202	ng	99
41) Hexachlorocyclopentadiene	12.622	237	616760	127.209	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	305408	51.994	ng	99

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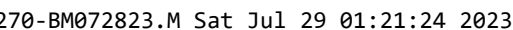
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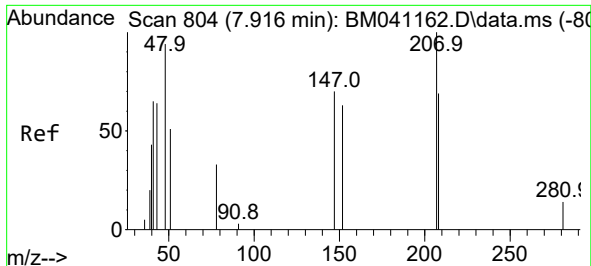
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	323244	47.546	ng	98
46) 1,1'-Biphenyl	13.304	154	1105307	48.308	ng	98
47) 2-Chloronaphthalene	13.345	162	856619	50.141	ng	99
48) 2-Nitroaniline	13.563	65	261462	47.946	ng	99
49) Acenaphthylene	14.192	152	1316497	47.742	ng	100
50) Dimethylphthalate	13.939	163	1002811	47.236	ng	100
51) 2,6-Dinitrotoluene	14.069	165	214872	48.847	ng	94
52) Acenaphthene	14.533	154	784290	47.213	ng	99
53) 3-Nitroaniline	14.398	138	176685	35.424	ng	94
54) 2,4-Dinitrophenol	14.610	184	194268	66.463	ng	92
55) Dibenzofuran	14.869	168	1244345	45.911	ng	100
56) 4-Nitrophenol	14.716	139	406934	110.999	ng	96
57) 2,4-Dinitrotoluene	14.857	165	284055	45.373	ng	92
58) Fluorene	15.522	166	984345	46.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	273627	49.703	ng	98
60) Diethylphthalate	15.304	149	962049	46.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	505325	47.163	ng	97
62) 4-Nitroaniline	15.569	138	190190	41.183	ng	98
63) Azobenzene	15.816	77	1011299	44.969	ng	97
65) 4,6-Dinitro-2-methylph...	15.622	198	127974	39.830	ng	94
66) n-Nitrosodiphenylamine	15.739	169	817021	49.531	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	295967	50.896	ng	99
68) Hexachlorobenzene	16.527	284	340573	52.670	ng	96
69) Atrazine	16.698	200	282395	65.190	ng	98
70) Pentachlorophenol	16.880	266	489075	109.228	ng	100
71) Phenanthrene	17.269	178	1427407	48.439	ng	99
72) Anthracene	17.363	178	1435284	49.247	ng	100
73) Carbazole	17.639	167	1324106	50.196	ng	100
74) Di-n-butylphthalate	18.204	149	1527662	51.250	ng	100
75) Fluoranthene	19.292	202	1638849	49.502	ng	100
77) Benzidine	19.492	184	977665	136.060	ng	100
78) Pyrene	19.657	202	1733120	47.010	ng	100
80) Butylbenzylphthalate	20.563	149	689755	51.233	ng	100
81) Benzo(a)anthracene	21.410	228	1780547	49.820	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	656727	56.313	ng	100
83) Chrysene	21.462	228	1639719	47.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1015597	47.528	ng	98
85) Di-n-octyl phthalate	22.256	149	1803368	53.000	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2348542	51.541	ng	98
88) Benzo(b)fluoranthene	23.074	252	1881451	51.101	ng	99
89) Benzo(k)fluoranthene	23.127	252	1906017	50.609	ng	99
90) Benzo(a)pyrene	23.692	252	1686554	47.673	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	1978450	52.056	ng	98
92) Benzo(g,h,i)perylene	27.003	276	1894812	50.951	ng	99

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

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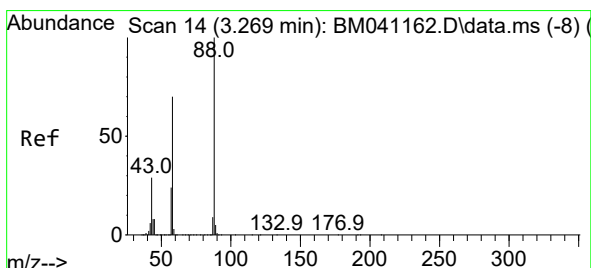
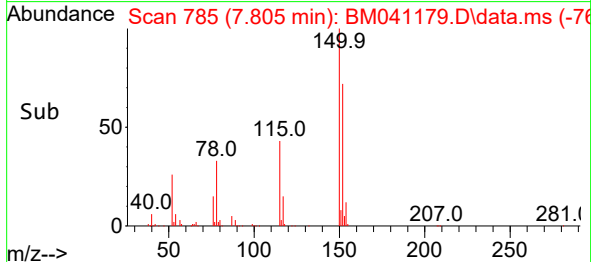
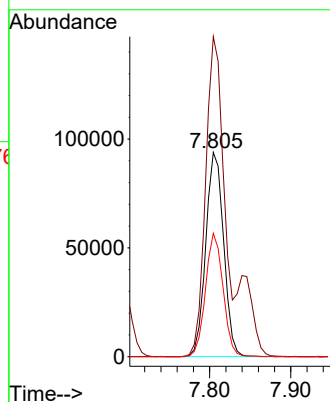
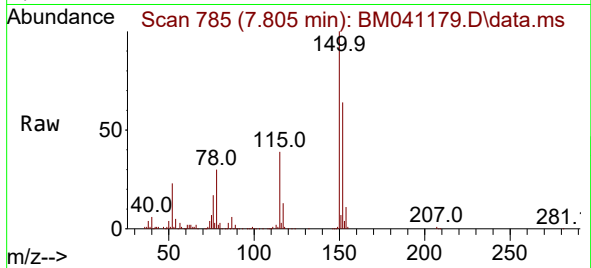




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041179.D
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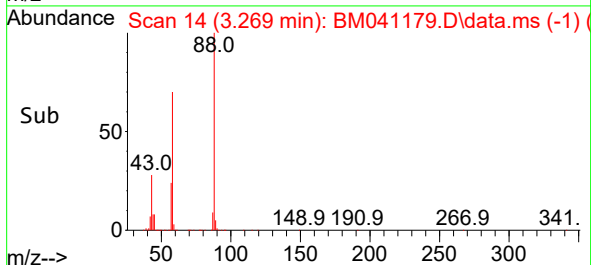
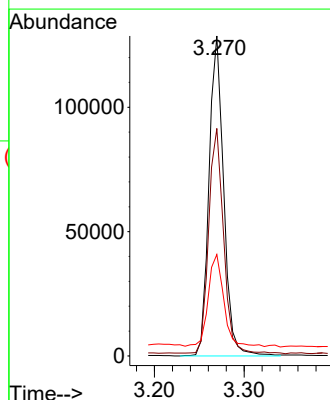
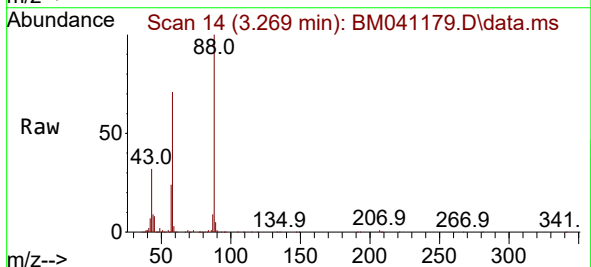
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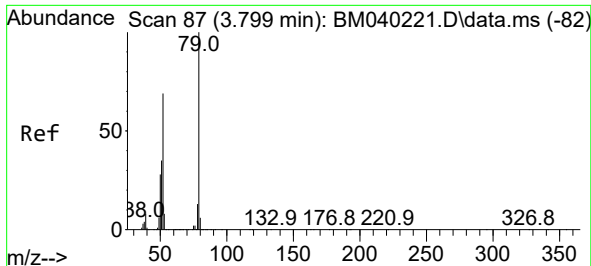
Tgt Ion:152 Resp: 143403
Ion Ratio Lower Upper
152 100
150 156.6 125.5 188.3
115 60.4 48.0 72.0



#2
1,4-Dioxane
Concen: 35.616 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 88 Resp: 146186
Ion Ratio Lower Upper
88 100
58 71.8 58.2 87.4
43 31.4 24.4 36.6

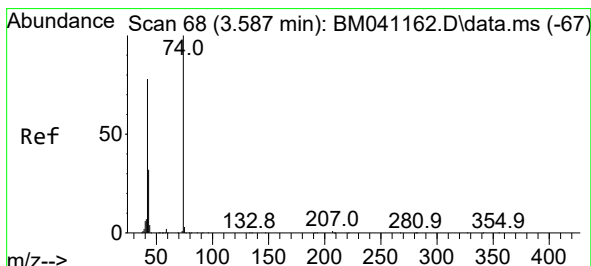
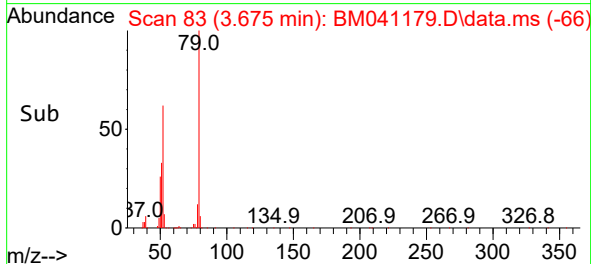
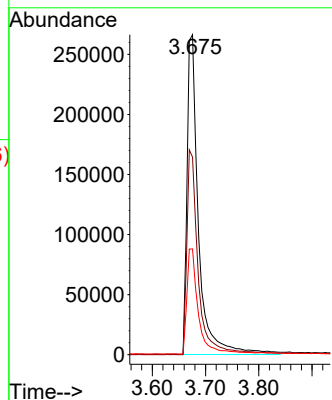
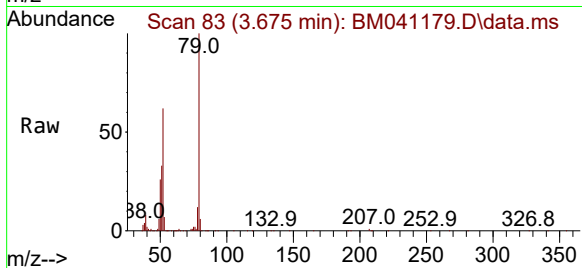




#3
 Pyridine
 Concen: 36.992 ng
 RT: 3.675 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

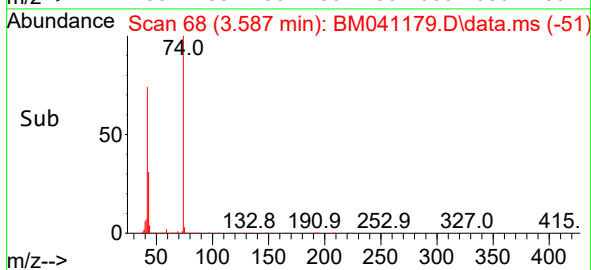
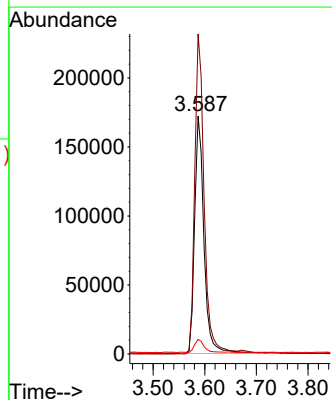
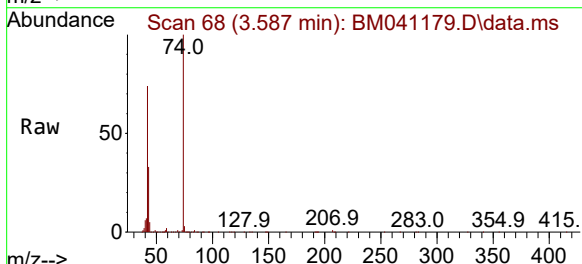
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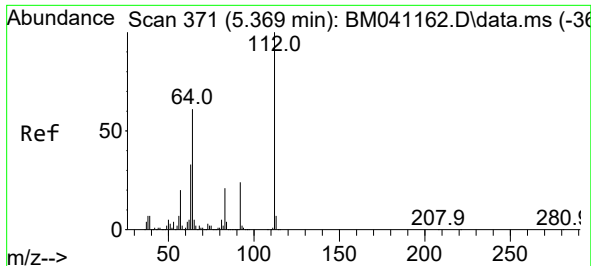
Tgt Ion: 79 Resp: 399232
 Ion Ratio Lower Upper
 79 100
 52 61.7 52.1 78.1
 51 33.1 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 43.432 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

Tgt Ion: 42 Resp: 216785
 Ion Ratio Lower Upper
 42 100
 74 134.6 100.8 151.2
 44 6.1 5.0 7.4

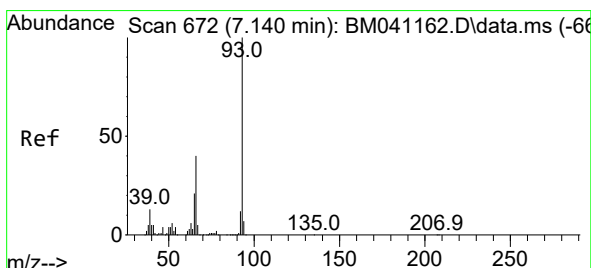
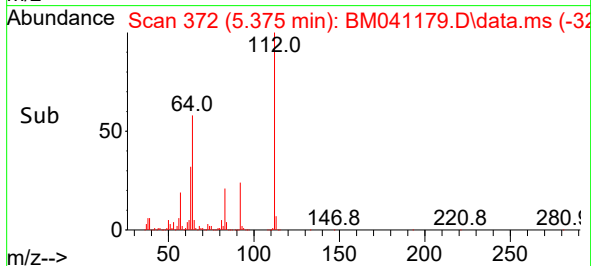
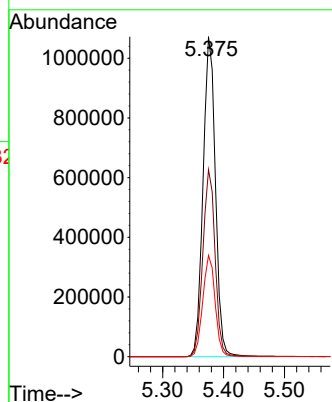
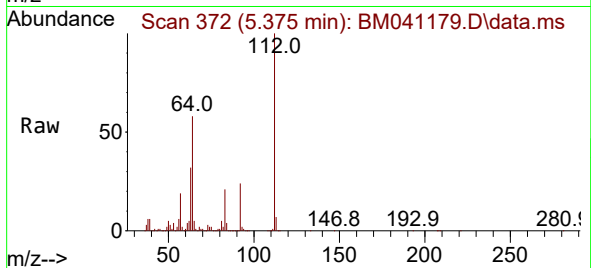




#5
2-Fluorophenol
Concen: 157.608 ng
RT: 5.375 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

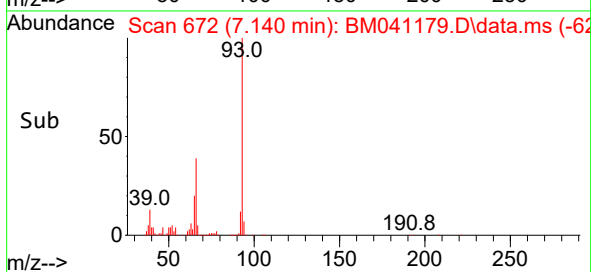
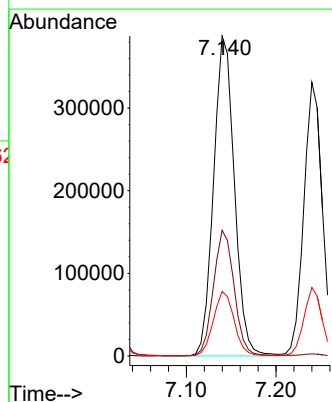
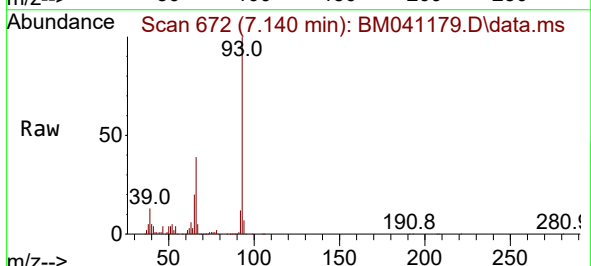
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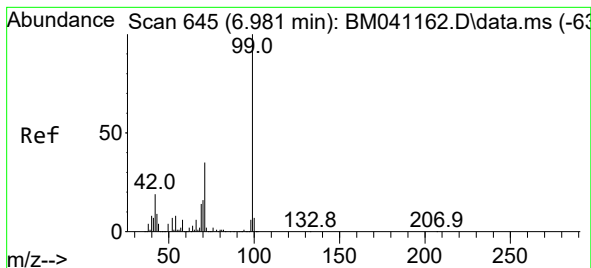
Tgt Ion:112 Resp: 1512220
Ion Ratio Lower Upper
112 100
64 58.4 48.5 72.7
63 31.7 26.5 39.7



#6
Aniline
Concen: 42.836 ng
RT: 7.140 min Scan# 672
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 93 Resp: 623493
Ion Ratio Lower Upper
93 100
66 39.2 32.0 48.0
65 20.2 16.6 24.8





#7

Phenol-d6

Concen: 150.173 ng

RT: 6.987 min Scan# 645

Delta R.T. 0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

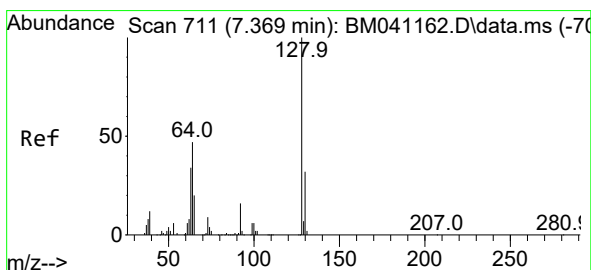
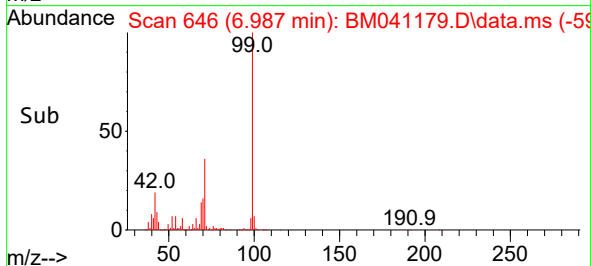
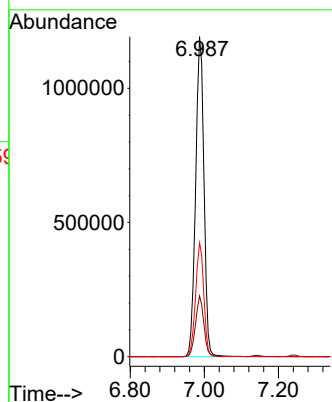
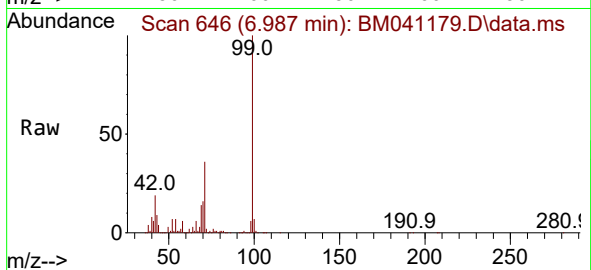
BNA_M

ClientSampleId :

PB154118BS

Tgt Ion: 99 Resp: 1867736

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.0
71	35.6	28.2	42.4



#8

2-Chlorophenol

Concen: 51.230 ng

RT: 7.369 min Scan# 711

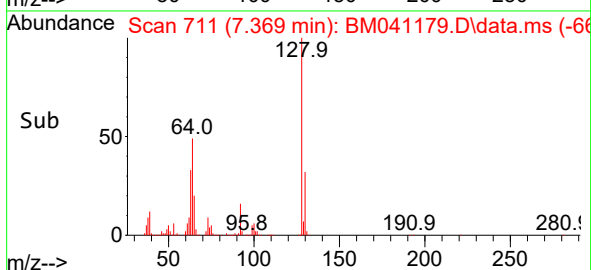
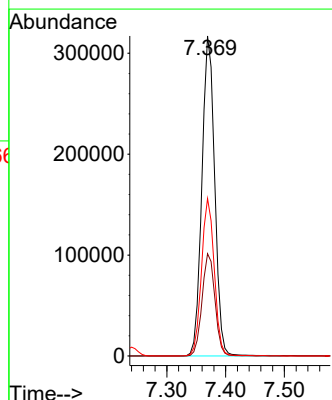
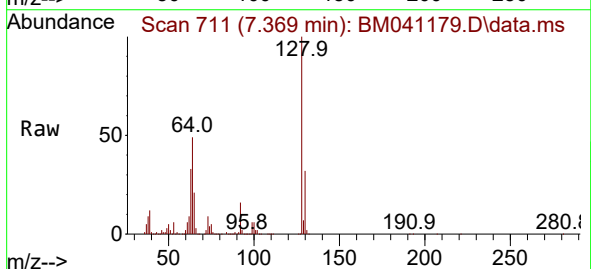
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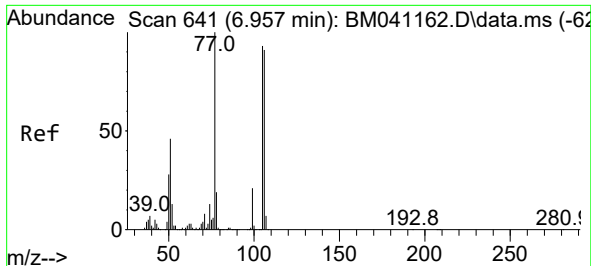
Lab File: BM041179.D

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Tgt Ion: 128 Resp: 479860

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	49.2	29.3	69.3

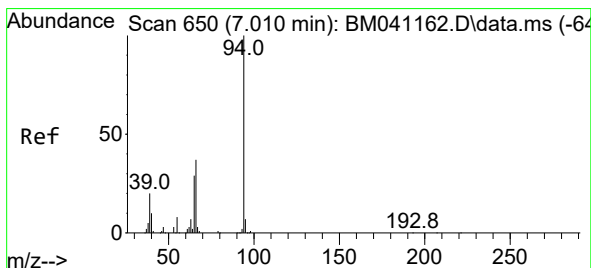
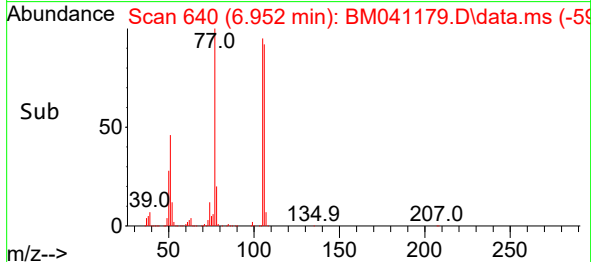
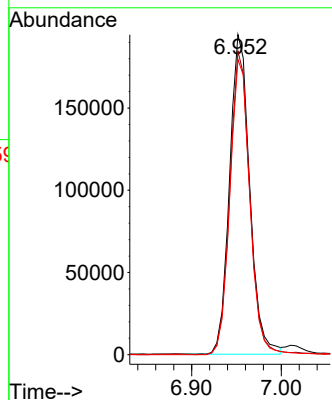
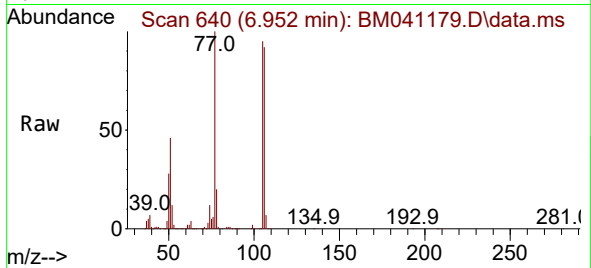




#9
Benzaldehyde
Concen: 46.159 ng
RT: 6.952 min Scan# 641
Delta R.T. -0.005 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

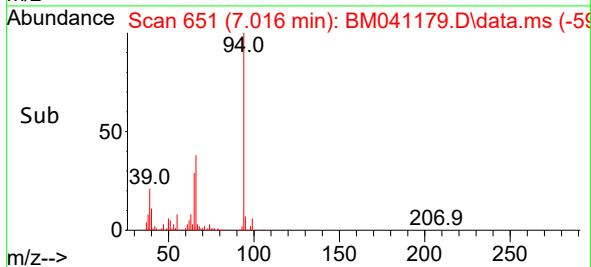
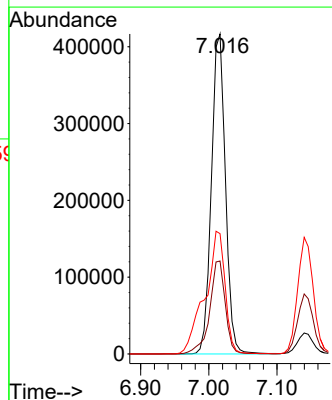
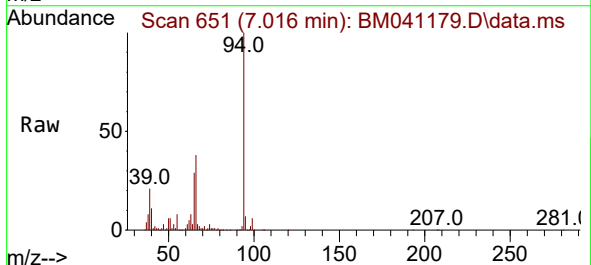
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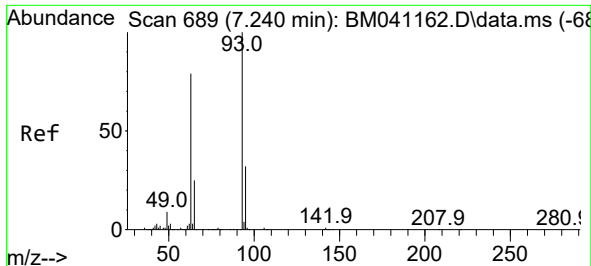
Tgt Ion: 77 Resp: 302922
Ion Ratio Lower Upper
77 100
105 94.8 72.8 112.8
106 92.2 70.8 110.8



#10
Phenol
Concen: 49.806 ng
RT: 7.016 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 94 Resp: 598287
Ion Ratio Lower Upper
94 100
65 29.1 9.5 49.5
66 37.6 18.0 58.0

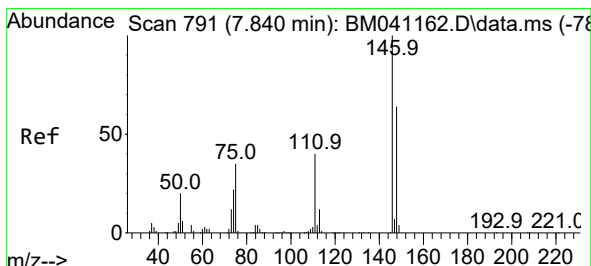
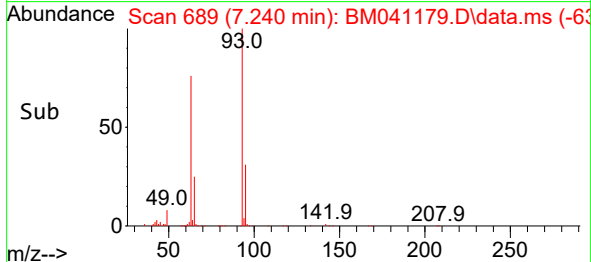
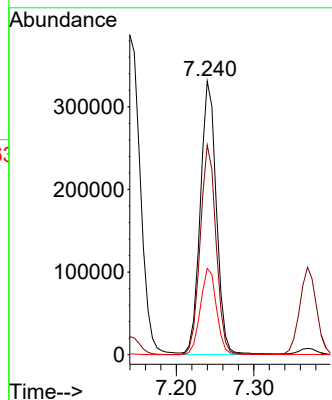
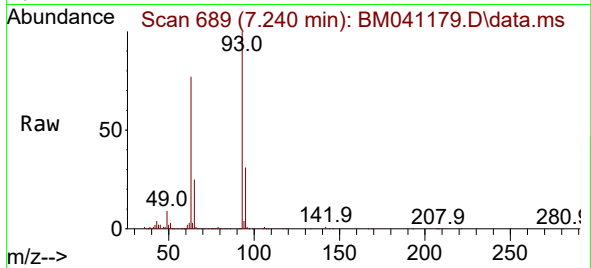




#11
bis(2-Chloroethyl)ether
Concen: 49.018 ng
RT: 7.240 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

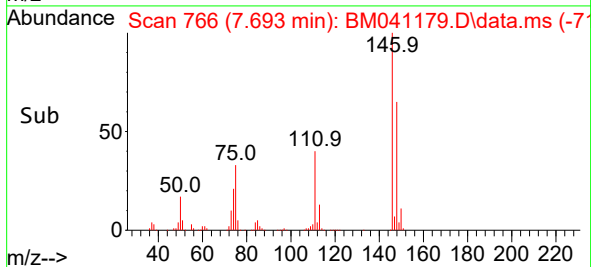
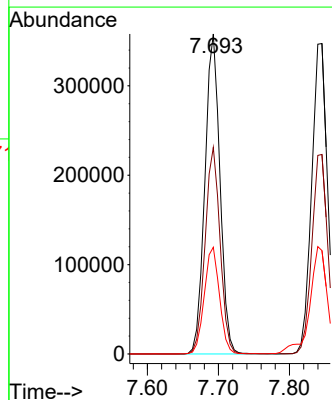
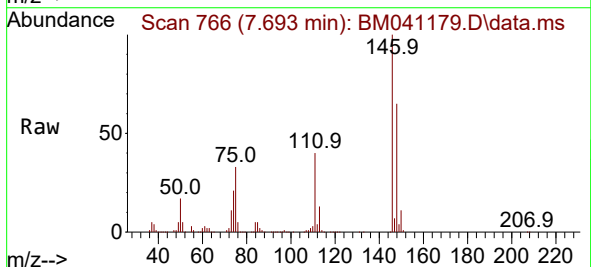
Instrument :
BNA_M
ClientSampleId :
PB154118BS

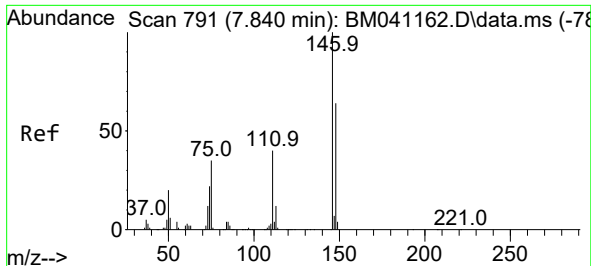
Tgt Ion: 93 Resp: 476628
Ion Ratio Lower Upper
93 100
63 76.6 58.8 98.8
95 31.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 51.965 ng
RT: 7.693 min Scan# 766
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 146 Resp: 529844
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 33.3 28.3 42.5

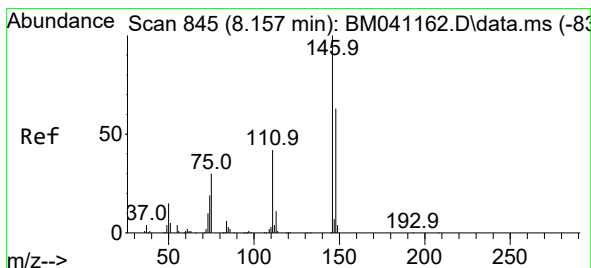
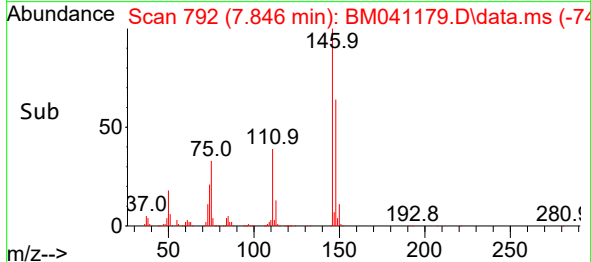
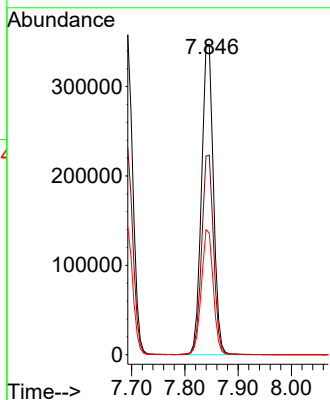
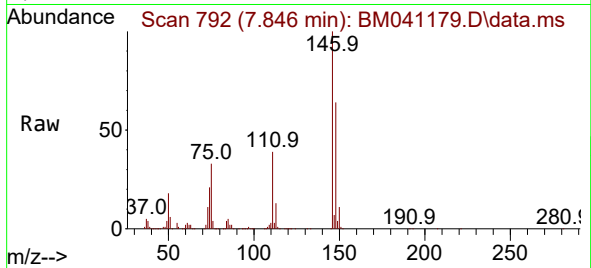




#13
1,4-Dichlorobenzene
Concen: 52.579 ng
RT: 7.846 min Scan# 791
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

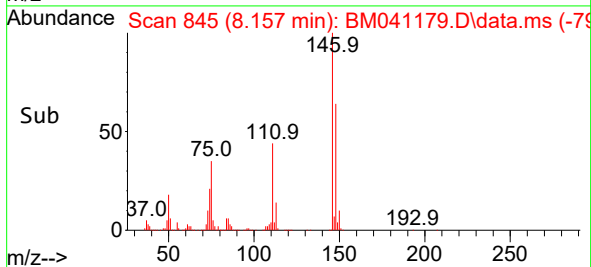
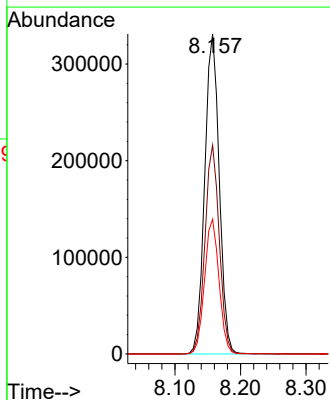
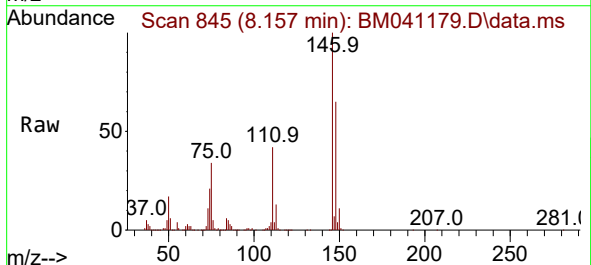
Instrument :
BNA_M
ClientSampleId :
PB154118BS

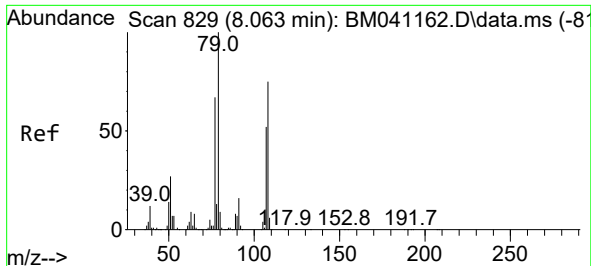
Tgt Ion:146 Resp: 538845
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 39.2 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 52.011 ng
RT: 8.157 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:146 Resp: 511074
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 42.1 33.8 50.6

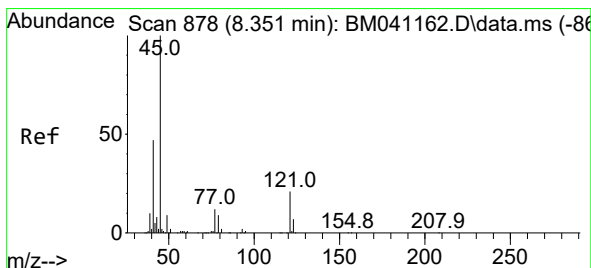
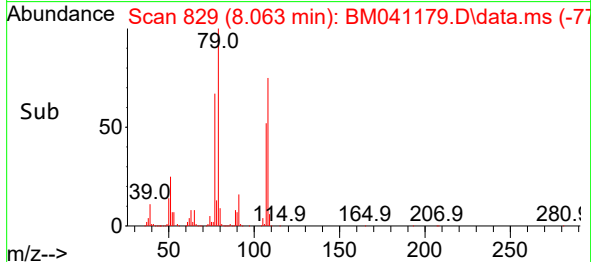
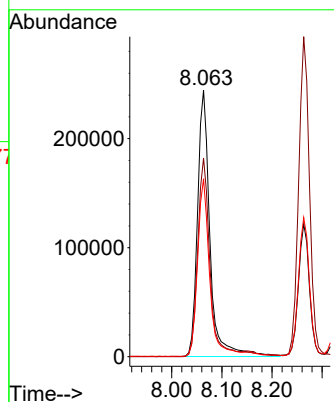
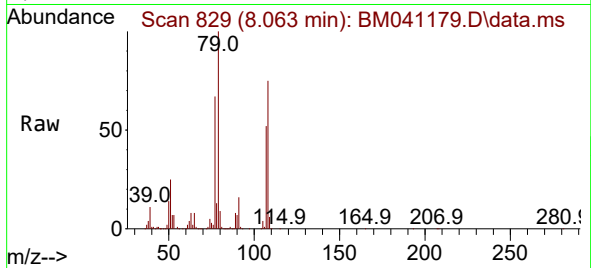




#15
Benzyl Alcohol
Concen: 53.557 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

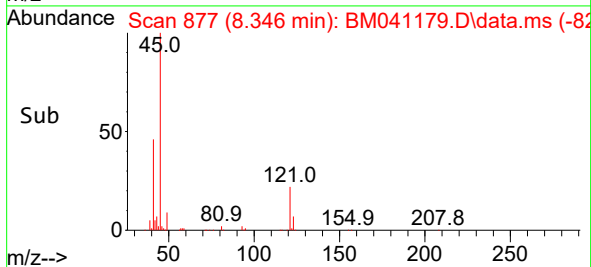
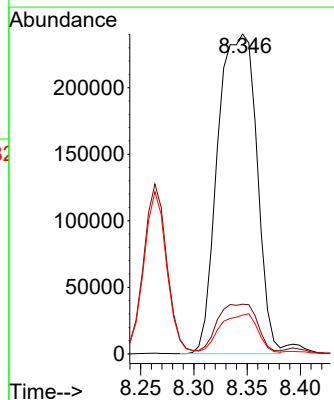
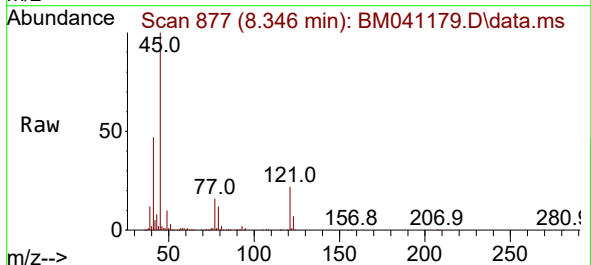
Instrument :
BNA_M
ClientSampleId :
PB154118BS

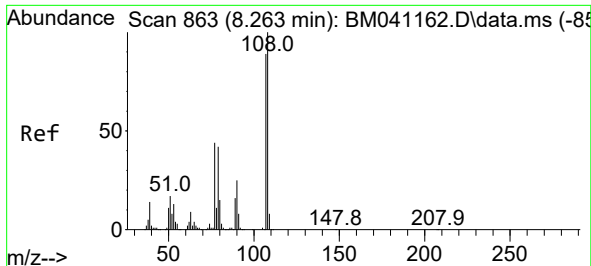
Tgt Ion: 79 Resp: 420651
Ion Ratio Lower Upper
79 100
108 74.5 59.8 89.8
77 66.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.135 ng
RT: 8.346 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 45 Resp: 610662
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.5
79 12.1 0.0 32.1

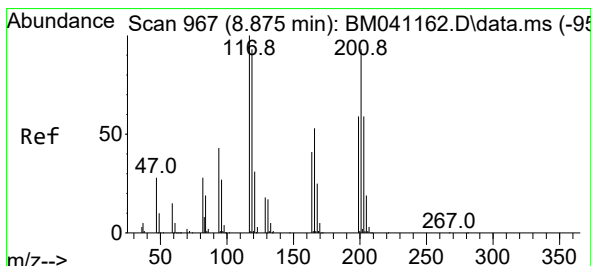
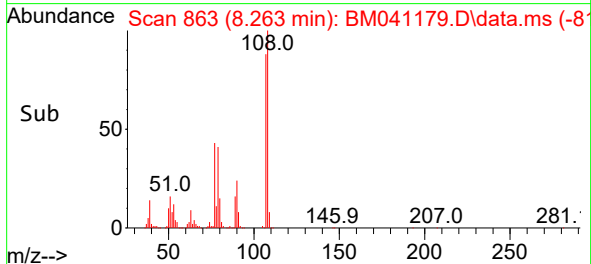
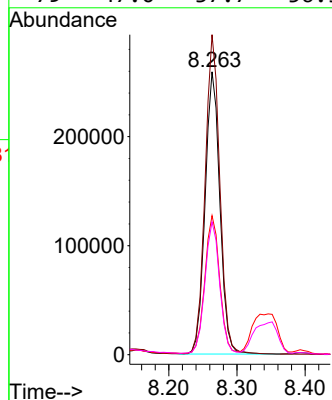
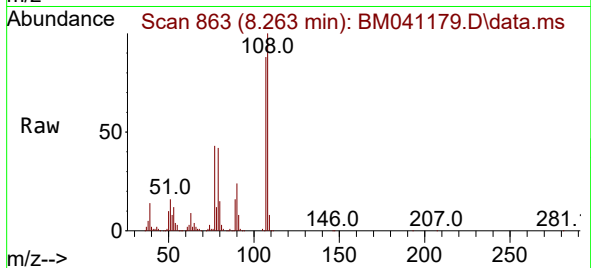




#17
2-Methylphenol
Concen: 47.600 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

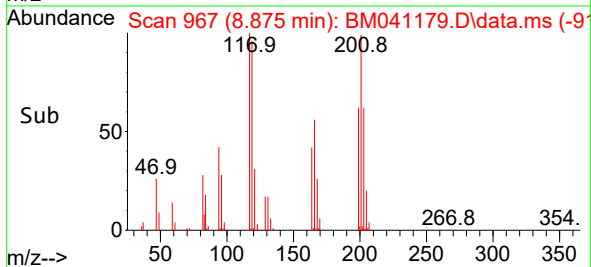
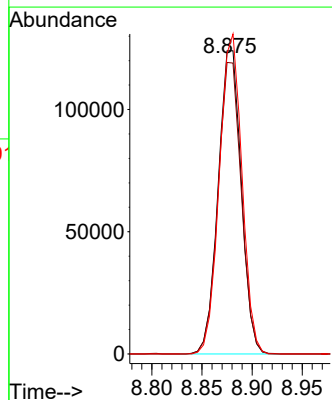
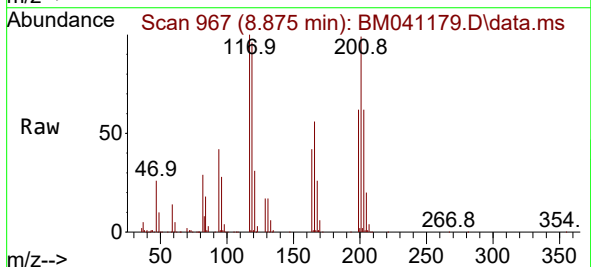
Instrument :
BNA_M
ClientSampleId :
PB154118BS

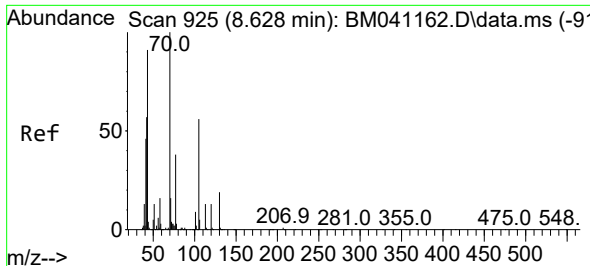
Tgt Ion:107 Resp: 390637
Ion Ratio Lower Upper
107 100
108 113.1 89.9 134.9
77 49.2 39.8 59.8
79 47.0 37.7 56.5



#18
Hexachloroethane
Concen: 52.248 ng
RT: 8.875 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:117 Resp: 199343
Ion Ratio Lower Upper
117 100
119 96.1 74.2 111.4
201 99.2 74.5 111.7

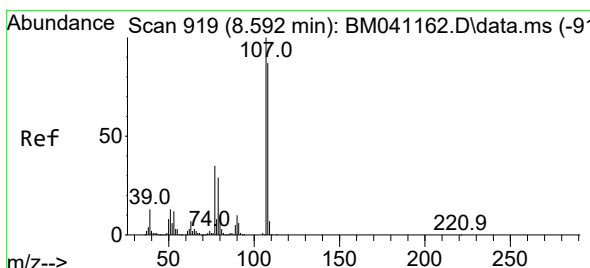
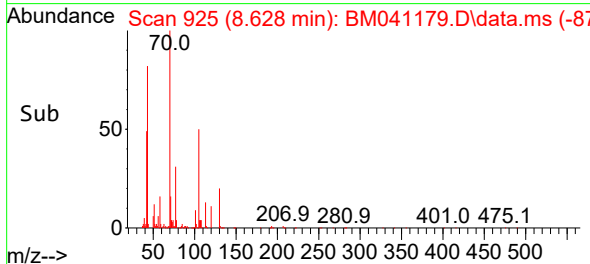
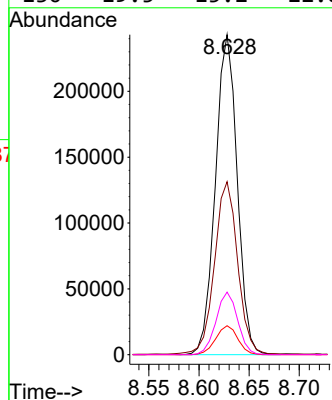
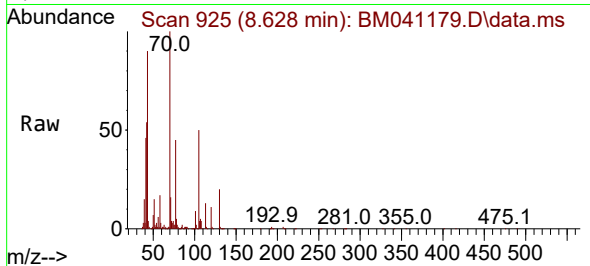




#19
n-Nitroso-di-n-propylamine
Concen: 48.540 ng
RT: 8.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

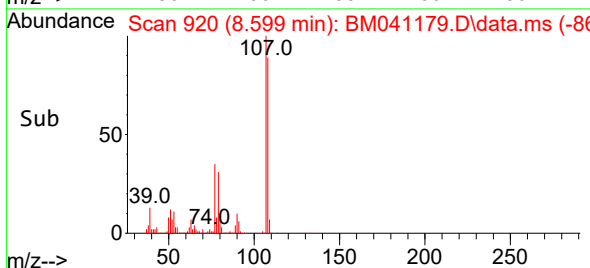
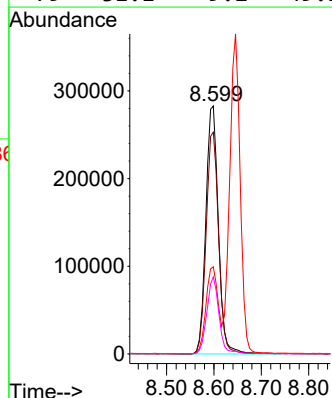
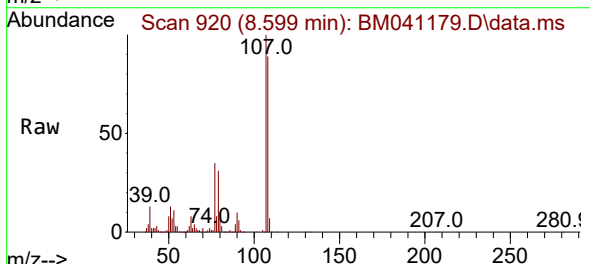
Instrument :
BNA_M
ClientSampleId :
PB154118BS

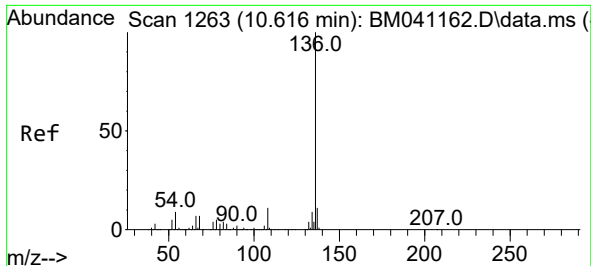
Tgt Ion:	70	Resp:	366682
Ion	Ratio	Lower	Upper
70	100		
42	54.0	45.8	68.8
101	9.1	7.4	11.0
130	19.5	15.2	22.8



#20
3+4-Methylphenols
Concen: 47.427 ng
RT: 8.599 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:	107	Resp:	520413
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.2	107.2
77	35.2	15.4	55.4
79	31.1	9.2	49.2

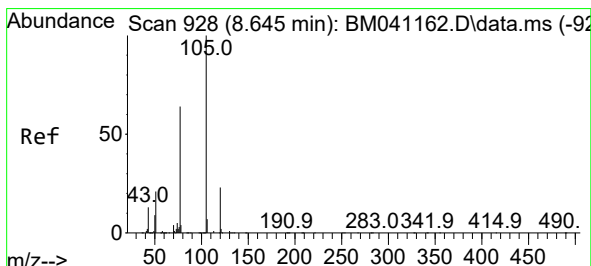
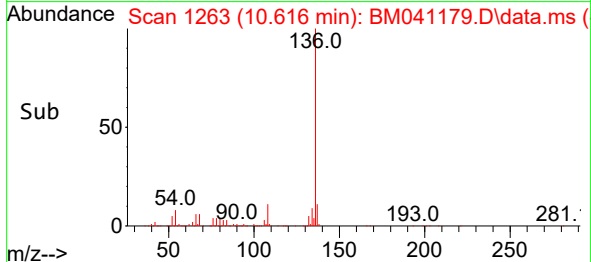
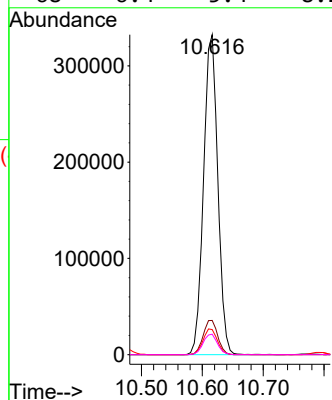
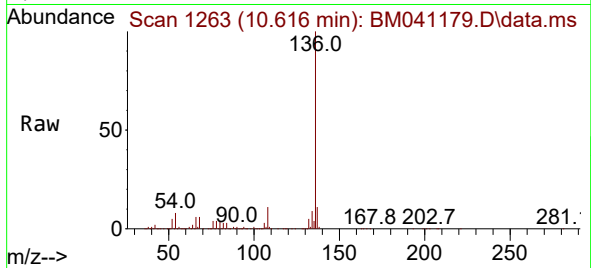




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

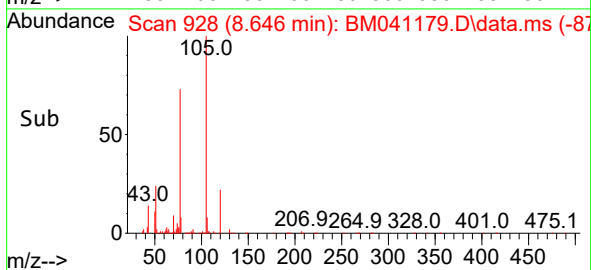
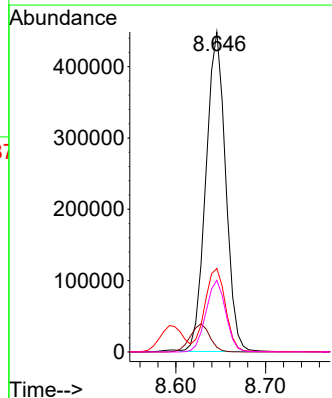
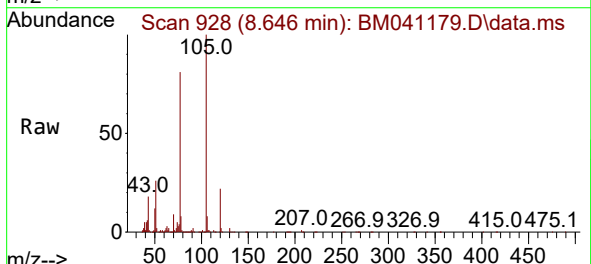
Instrument :
BNA_M
ClientSampleId :
PB154118BS

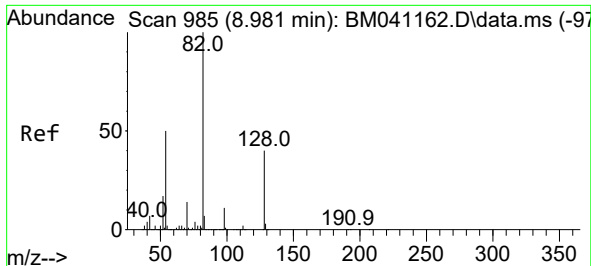
Tgt Ion:136 Resp: 538614
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 47.887 ng
RT: 8.646 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:105 Resp: 683093
Ion Ratio Lower Upper
105 100
71 1.5 1.2 1.8
51 26.1 22.0 33.0
120 22.4 18.0 27.0

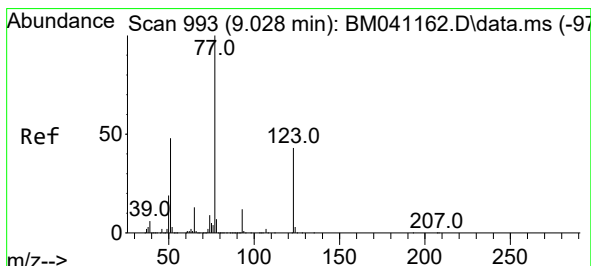
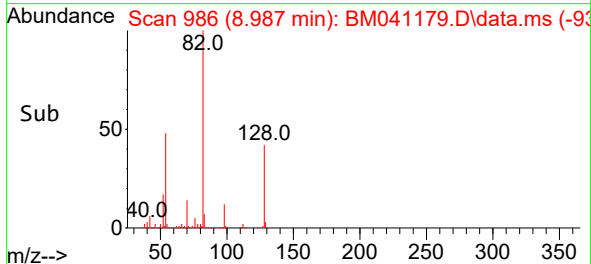
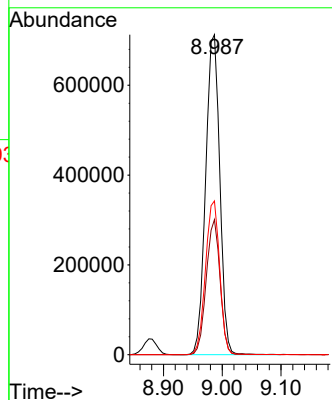
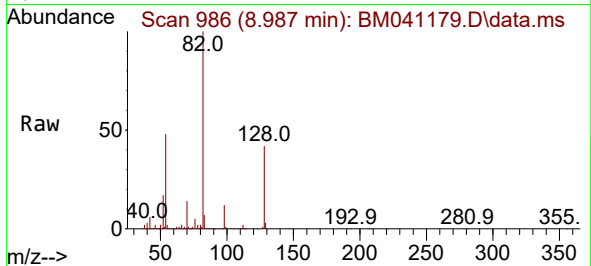




#23
Nitrobenzene-d5
Concen: 102.515 ng
RT: 8.987 min Scan# 986
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

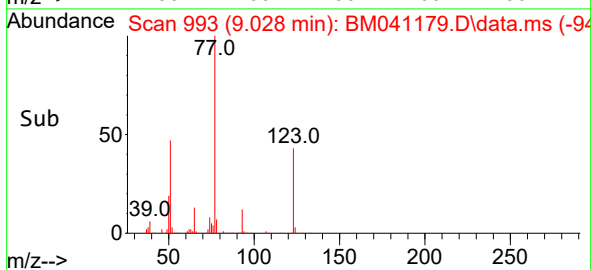
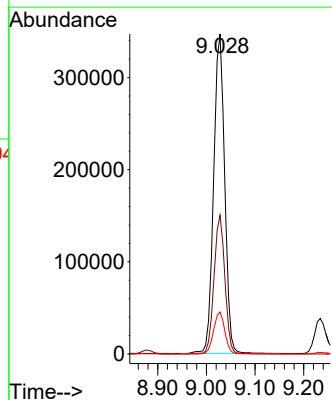
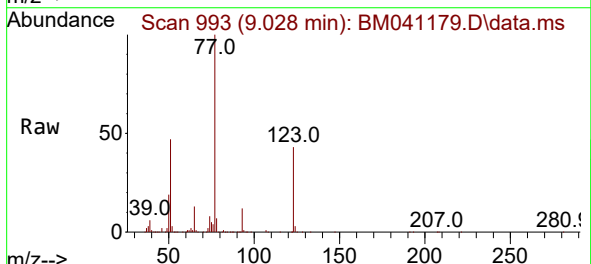
Instrument :
BNA_M
ClientSampleId :
PB154118BS

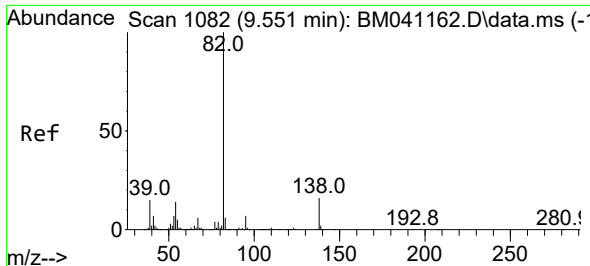
Tgt Ion: 82 Resp: 1187320
Ion Ratio Lower Upper
82 100
128 42.2 31.8 47.6
54 48.1 40.1 60.1



#24
Nitrobenzene
Concen: 46.506 ng
RT: 9.028 min Scan# 993
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 77 Resp: 544710
Ion Ratio Lower Upper
77 100
123 43.4 34.2 51.2
65 13.2 10.7 16.1

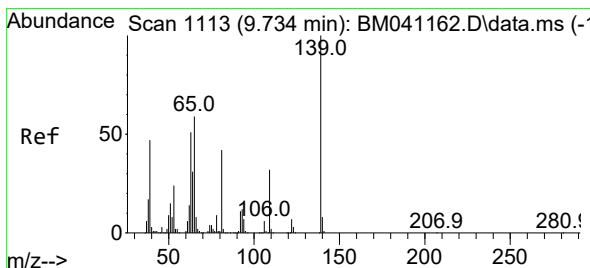
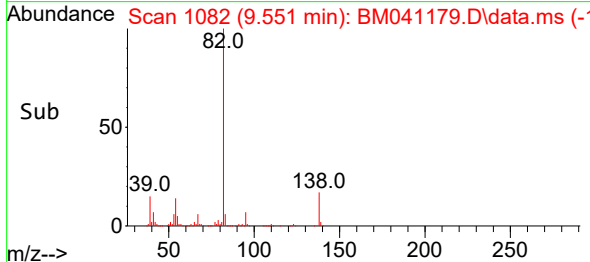
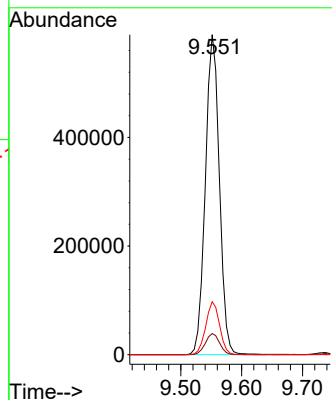
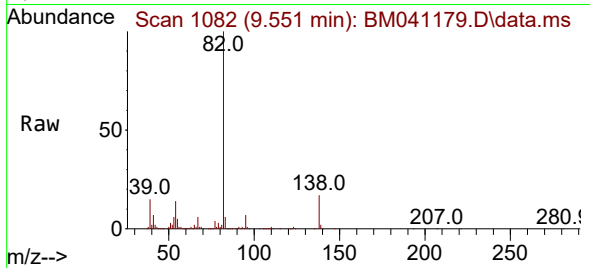




#25
Isophorone
Concen: 47.837 ng
RT: 9.551 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

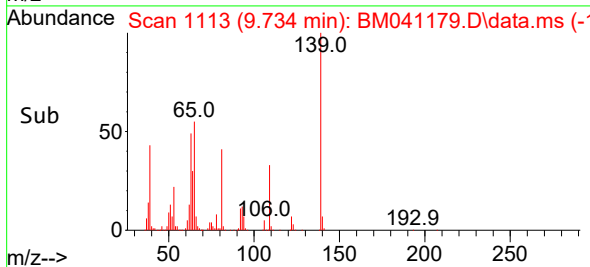
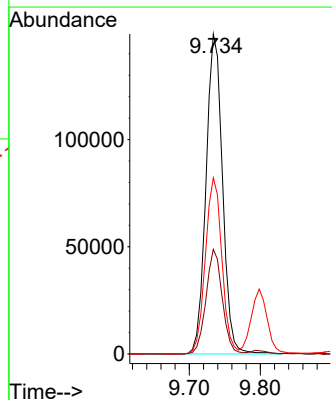
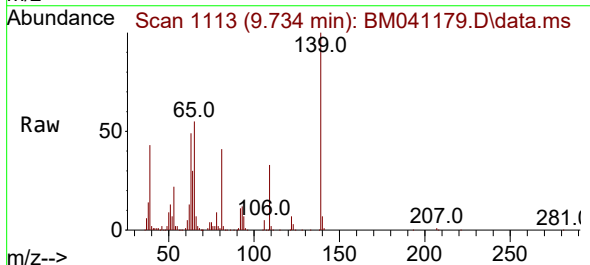
Instrument :
BNA_M
ClientSampleId :
PB154118BS

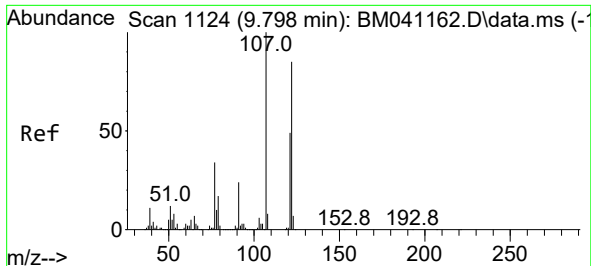
Tgt Ion: 82 Resp: 940514
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 52.764 ng
RT: 9.734 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion: 139 Resp: 241592
Ion Ratio Lower Upper
139 100
109 32.7 25.4 38.2
65 55.0 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 50.479 ng

RT: 9.799 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

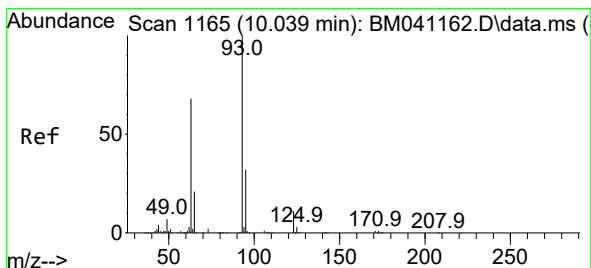
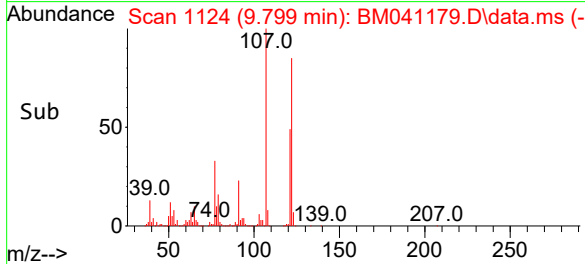
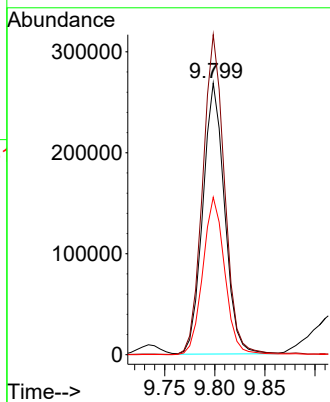
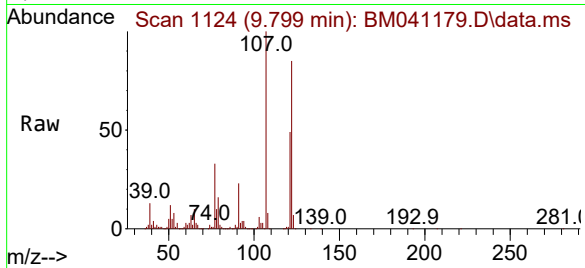
Tgt Ion:122 Resp: 406714

Ion Ratio Lower Upper

122 100

107 117.8 94.3 141.5

121 57.9 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.195 ng

RT: 10.040 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

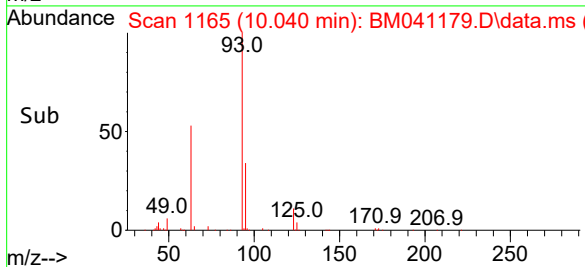
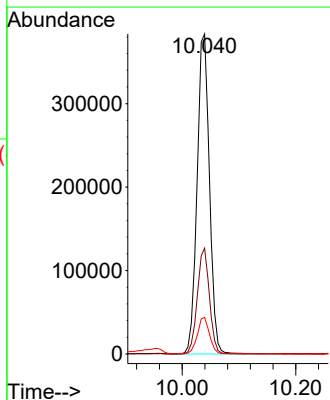
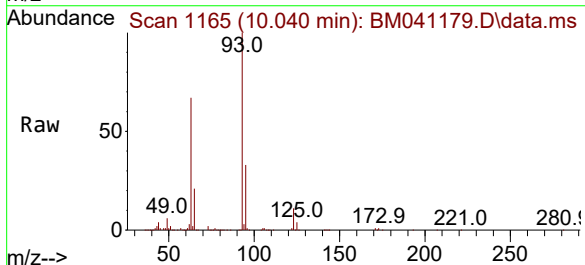
Tgt Ion: 93 Resp: 581224

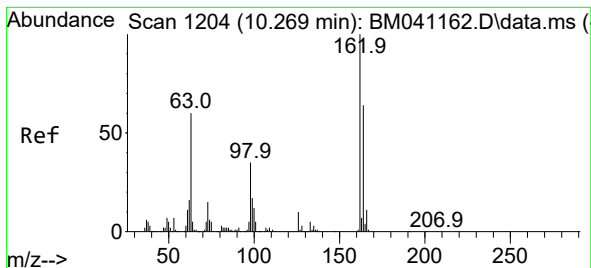
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 11.5 9.1 13.7

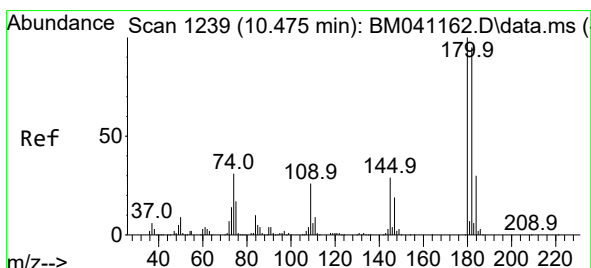
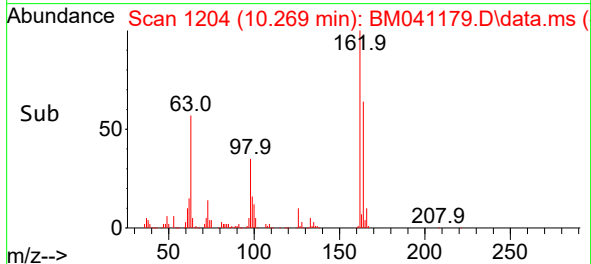
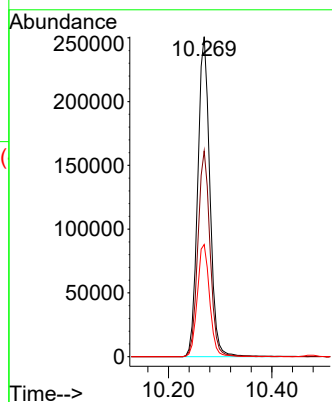
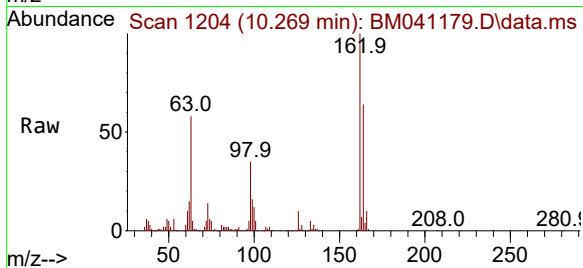




#29
2,4-Dichlorophenol
Concen: 50.298 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

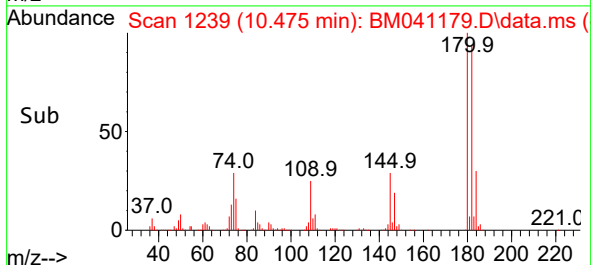
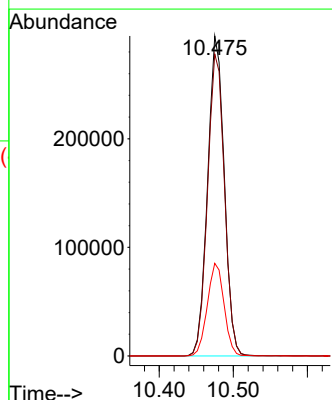
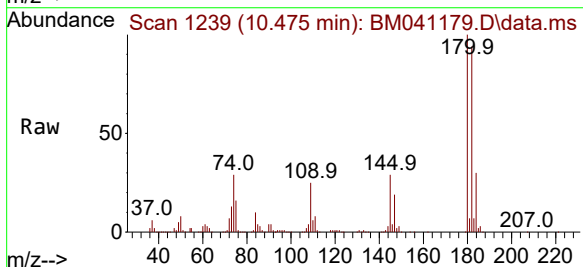
Instrument :
BNA_M
ClientSampleId :
PB154118BS

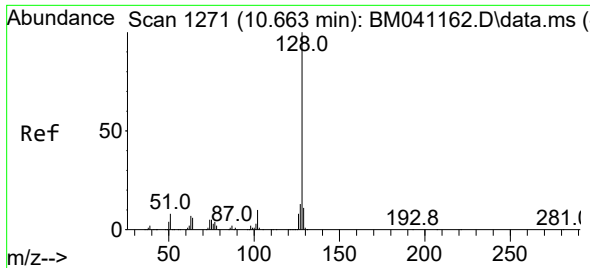
Tgt Ion:162 Resp: 408674
Ion Ratio Lower Upper
162 100
164 64.3 44.3 84.3
98 35.0 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 51.178 ng
RT: 10.475 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:180 Resp: 459425
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 28.9 23.6 35.4

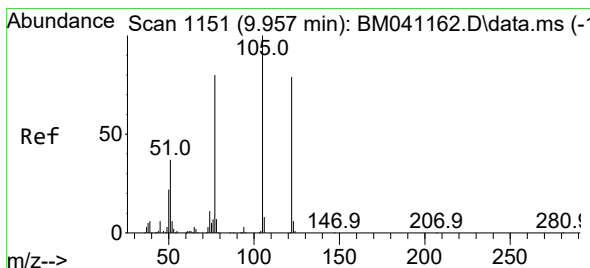
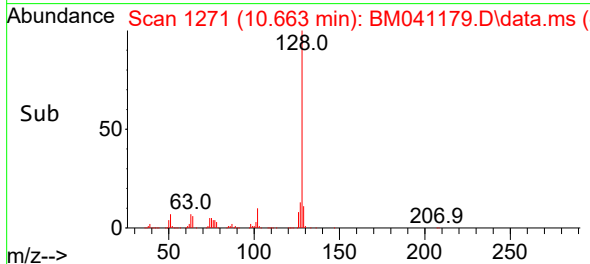
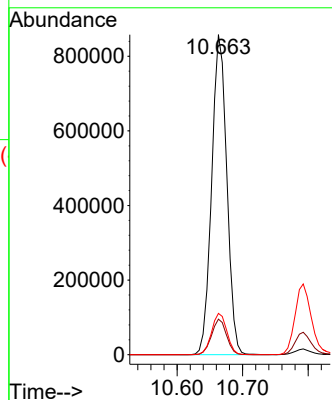
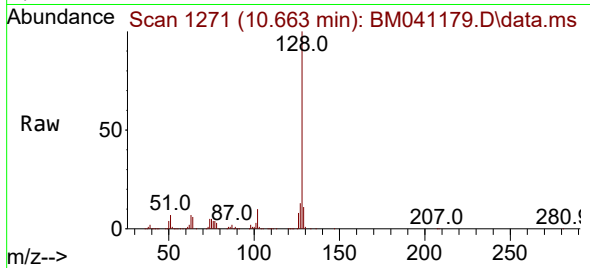




#31
Naphthalene
Concen: 46.987 ng
RT: 10.663 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

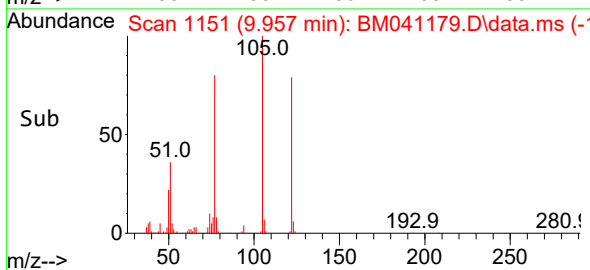
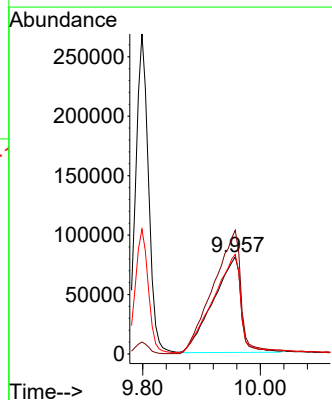
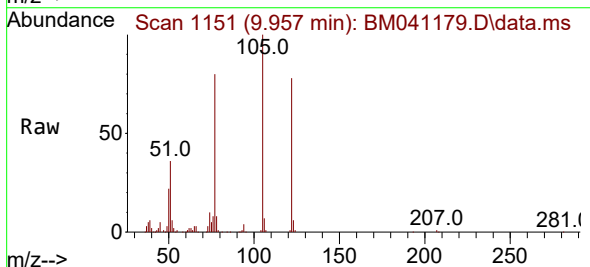
Instrument :
BNA_M
ClientSampleId :
PB154118BS

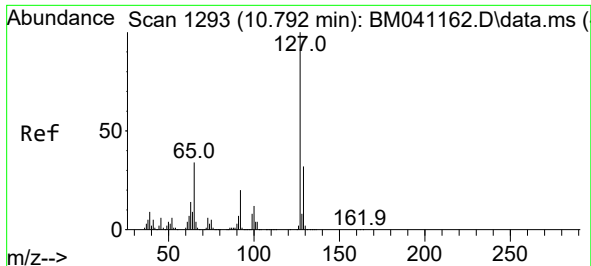
Tgt Ion:128 Resp: 1373338
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 44.240 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:122 Resp: 263720
Ion Ratio Lower Upper
122 100
105 127.4 104.0 144.0
77 102.5 79.9 119.9

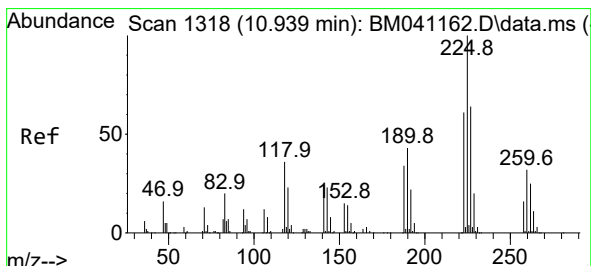
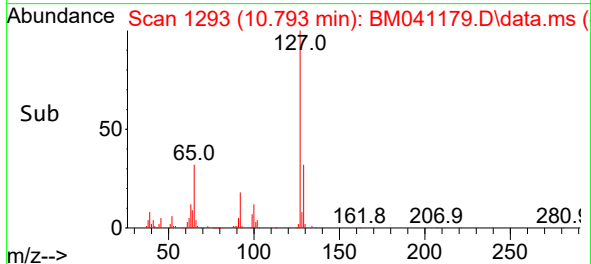
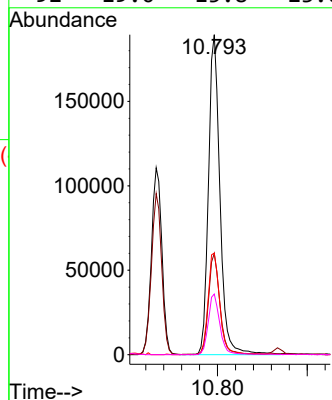
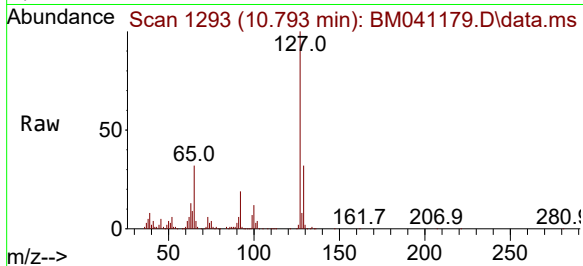




#33
4-Chloroaniline
Concen: 28.932 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

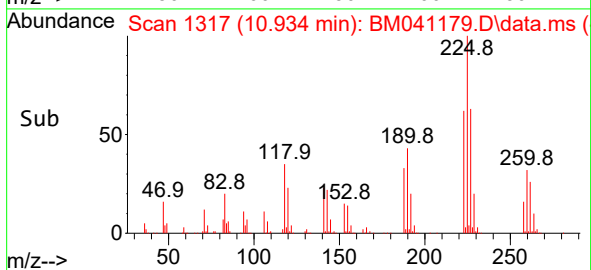
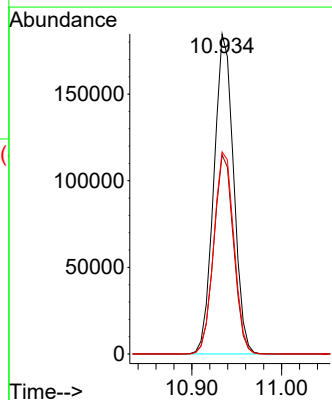
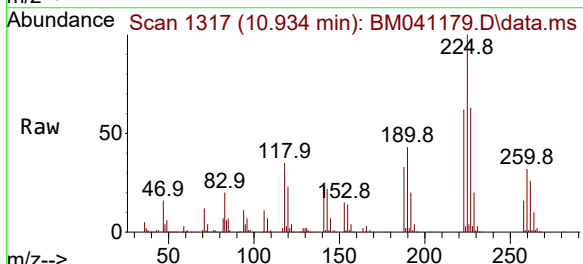
Instrument :
BNA_M
ClientSampleId :
PB154118BS

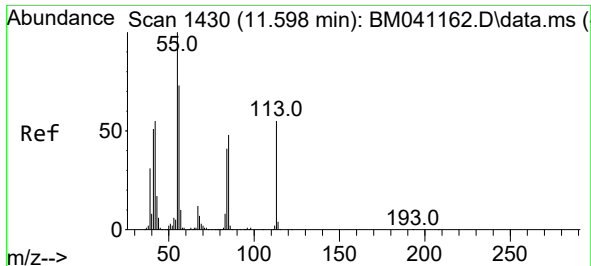
Tgt Ion:	127	Resp:	337949
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.7	26.9	40.3
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 52.245 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:	225	Resp:	282072
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.0	73.4
227	63.1	50.8	76.2

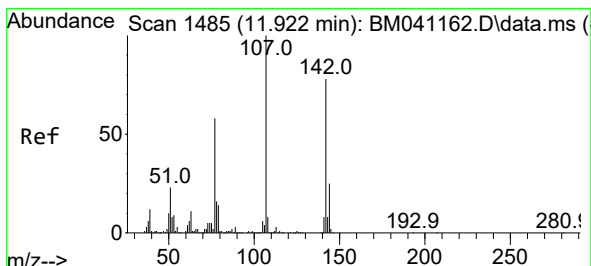
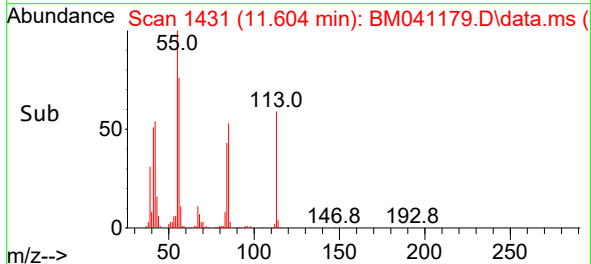
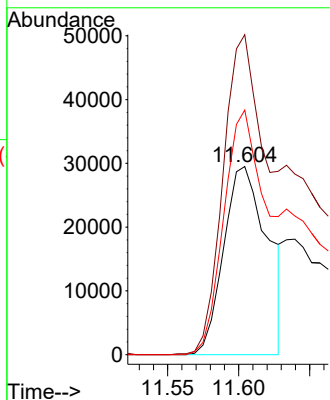
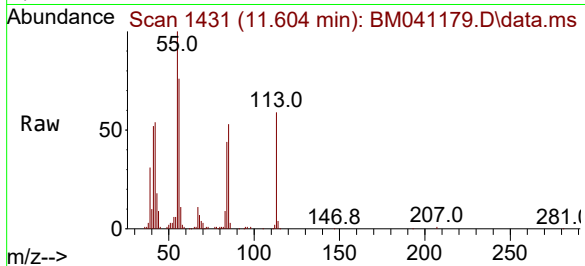




#35
 Caprolactam
 Concen: 26.961 ng
 RT: 11.604 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

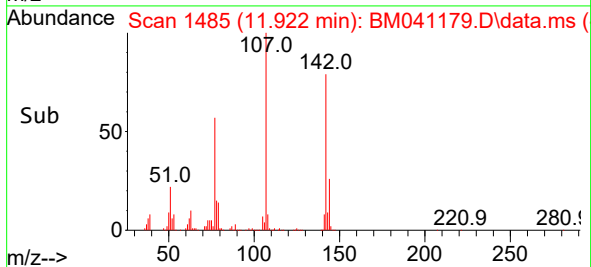
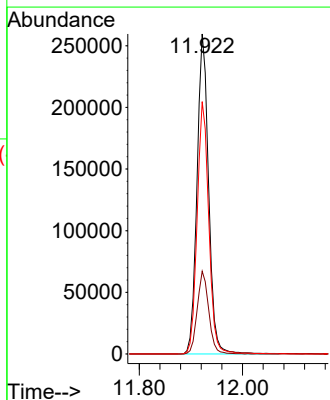
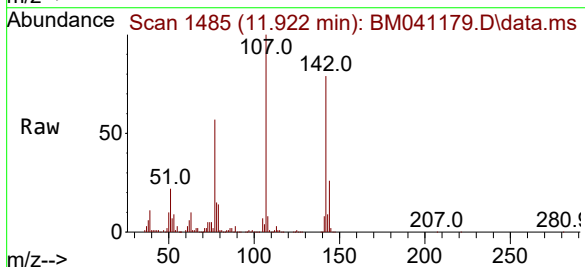
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

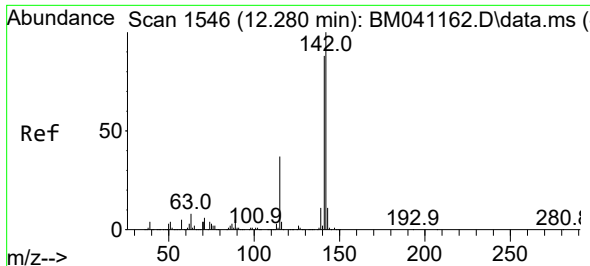
Tgt Ion:113 Resp: 63370
 Ion Ratio Lower Upper
 113 100
 55 170.0 162.5 202.5
 56 130.0 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.304 ng
 RT: 11.922 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

Tgt Ion:107 Resp: 404541
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.1 30.1
 142 78.9 62.2 93.4

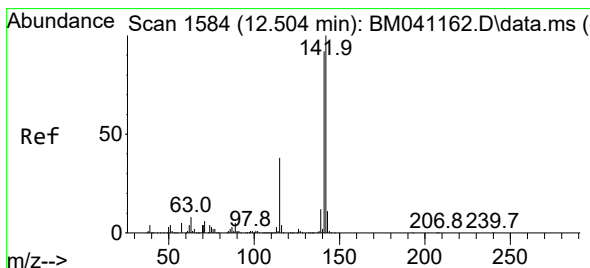
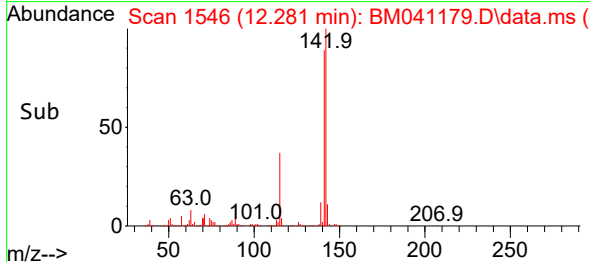
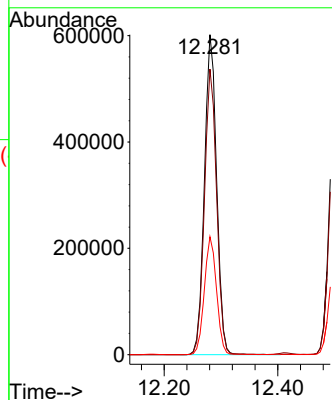
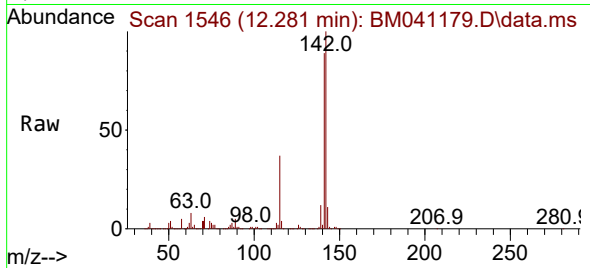




#37
2-Methylnaphthalene
Concen: 45.464 ng
RT: 12.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

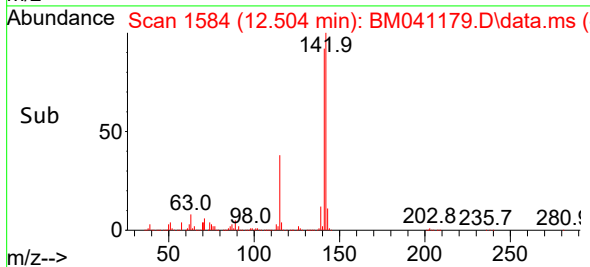
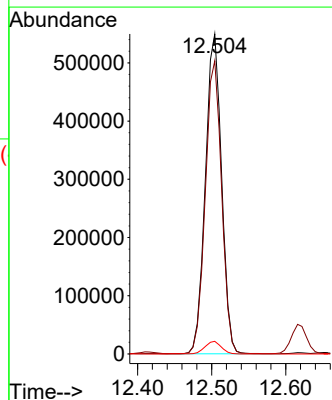
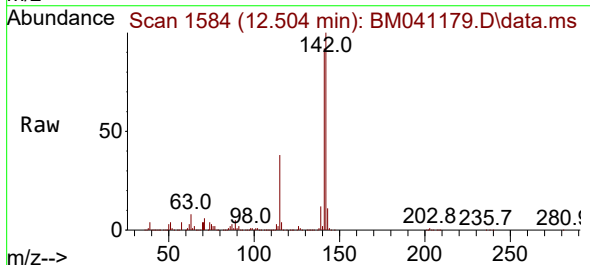
Instrument :
BNA_M
ClientSampleId :
PB154118BS

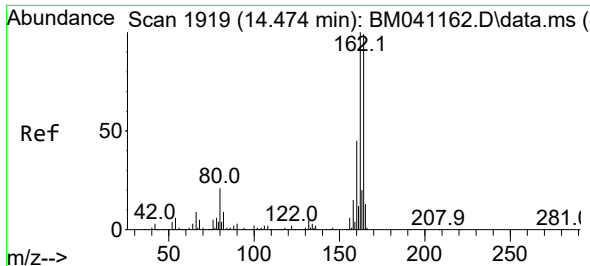
Tgt Ion:142 Resp: 895881
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1
115 36.9 29.3 43.9



#38
1-Methylnaphthalene
Concen: 45.199 ng
RT: 12.504 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:142 Resp: 833601
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 4.0 3.2 4.8

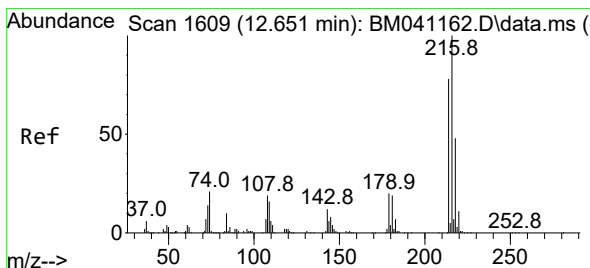
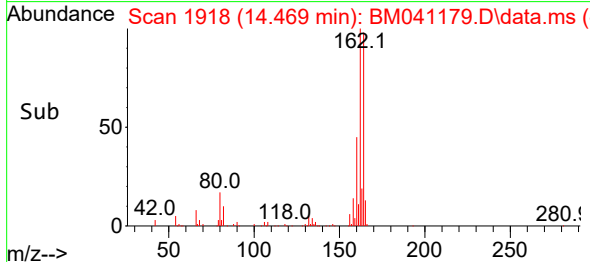
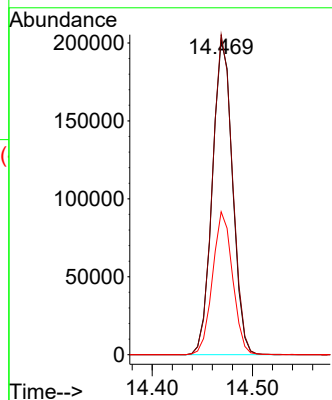
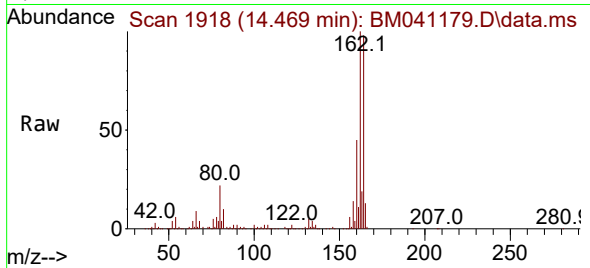




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

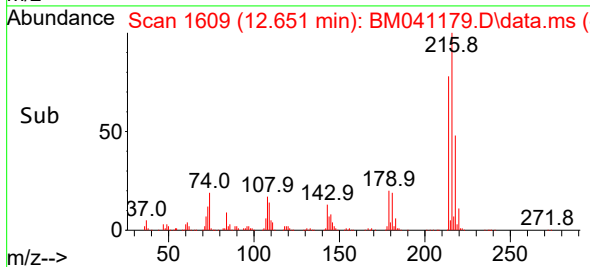
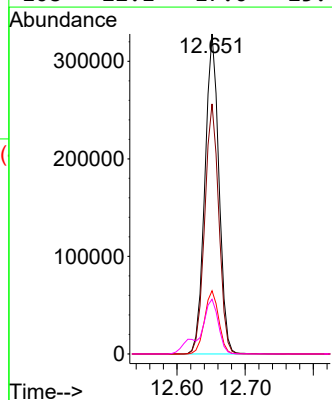
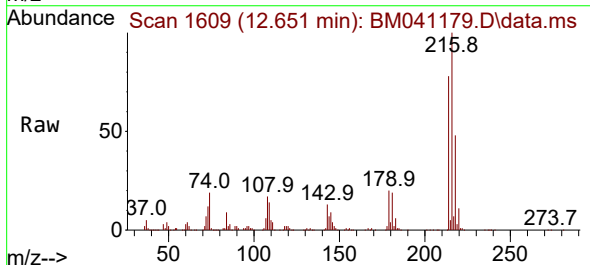
Instrument :
BNA_M
ClientSampleId :
PB154118BS

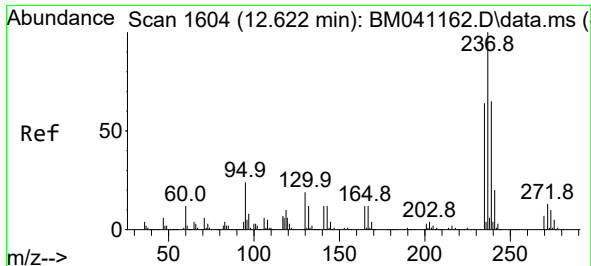
Tgt Ion:164 Resp: 282233
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.202 ng
RT: 12.651 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:216 Resp: 469235
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 19.9 16.2 24.2
108 22.1 17.0 25.4

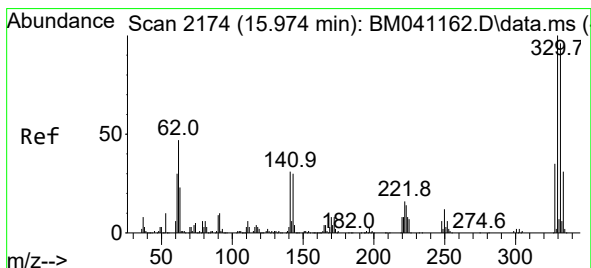
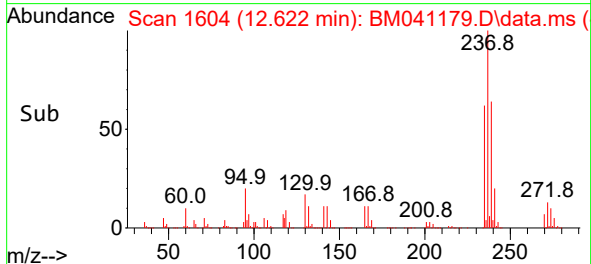
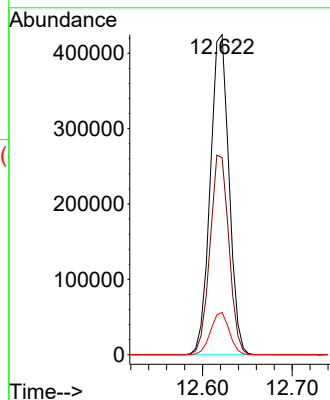
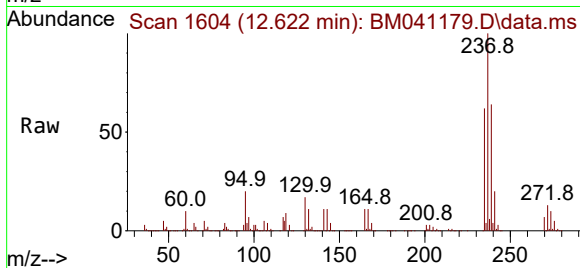




#41
Hexachlorocyclopentadiene
Concen: 127.209 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

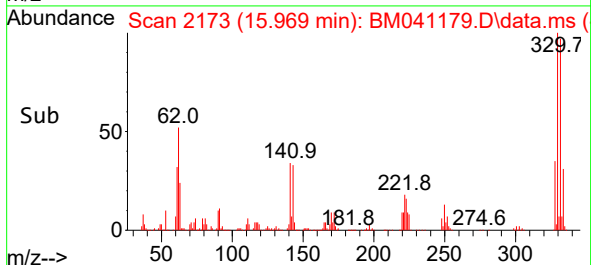
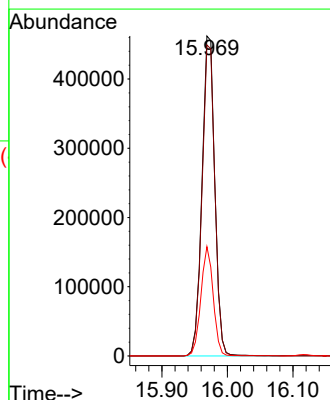
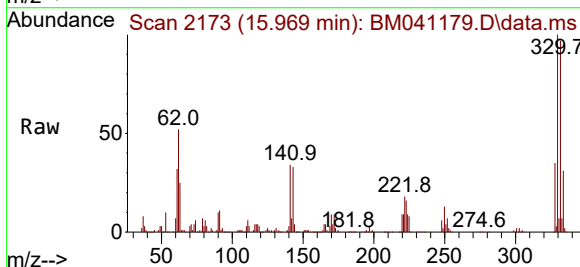
Instrument :
BNA_M
ClientSampleId :
PB154118BS

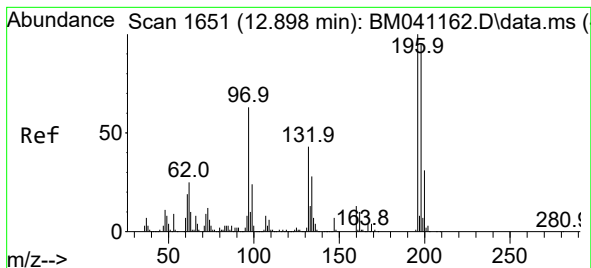
Tgt Ion:237 Resp: 616760
Ion Ratio Lower Upper
237 100
235 61.5 43.6 83.6
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 157.407 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:330 Resp: 628376
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 33.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 51.994 ng

RT: 12.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

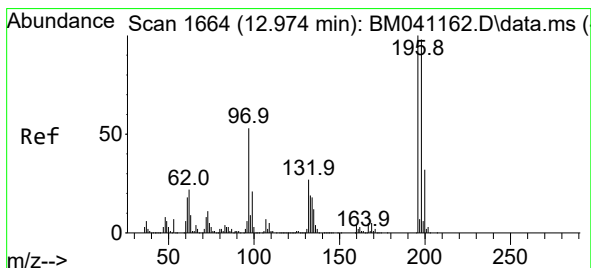
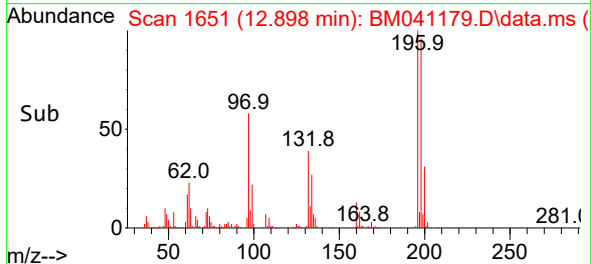
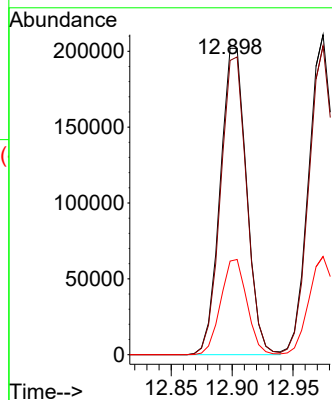
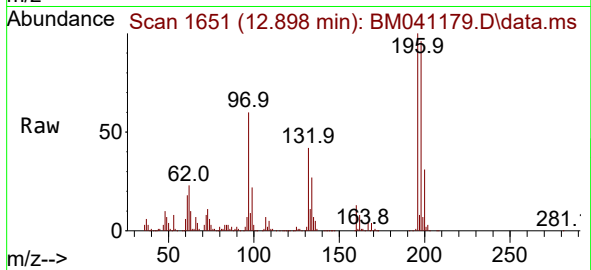
Tgt Ion:196 Resp: 305408

Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.4

200 30.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.546 ng

RT: 12.975 min Scan# 1664

Delta R.T. 0.001 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Tgt Ion:196 Resp: 323244

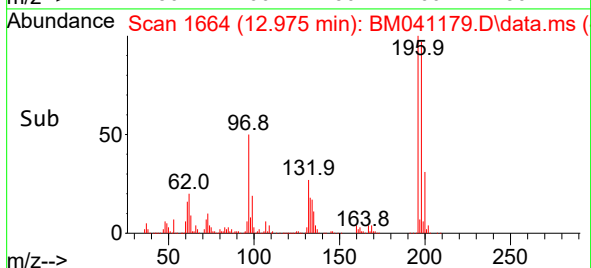
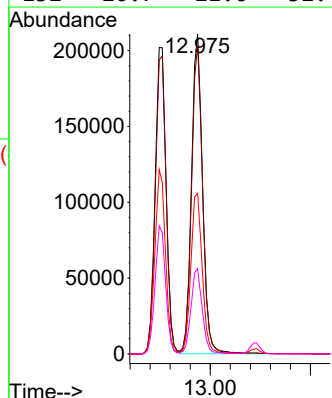
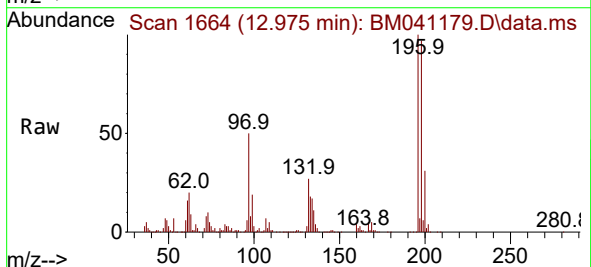
Ion Ratio Lower Upper

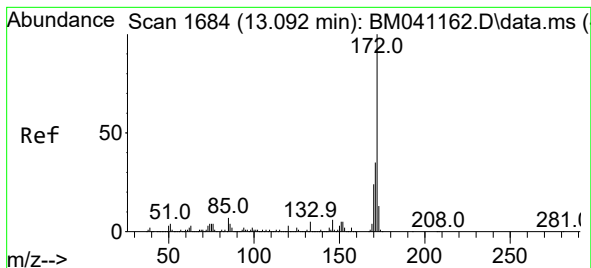
196 100

198 96.6 78.2 117.4

97 50.2 42.7 64.1

132 26.7 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 105.337 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

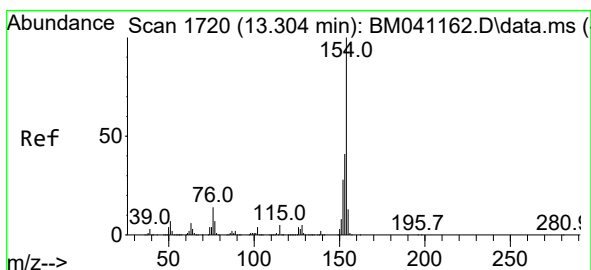
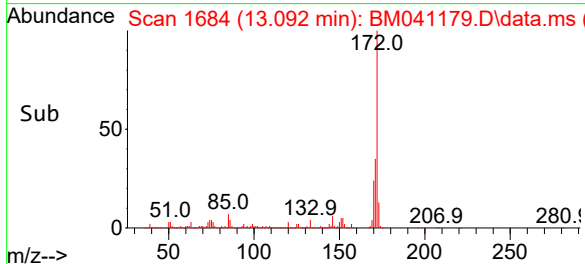
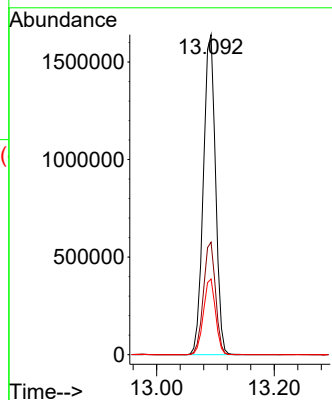
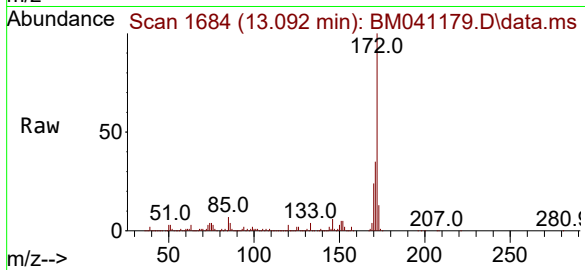
Tgt Ion:172 Resp: 2353424

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.308 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

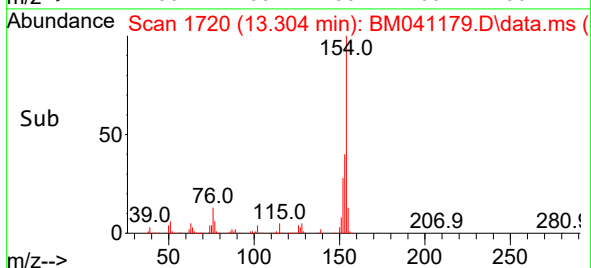
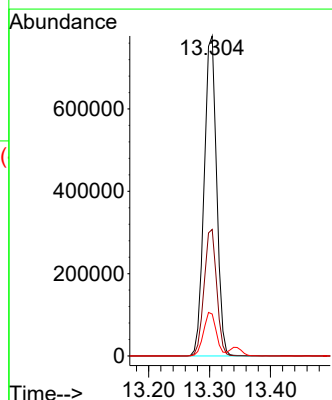
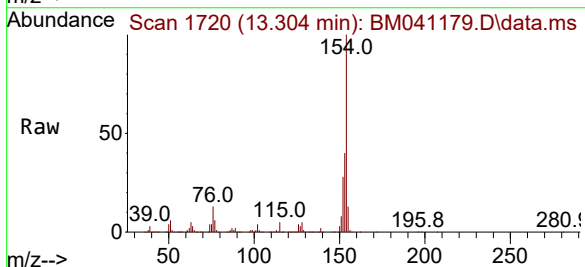
Tgt Ion:154 Resp: 1105307

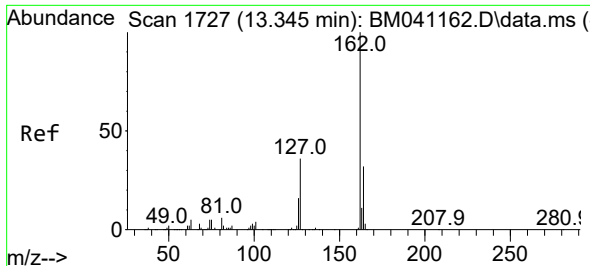
Ion Ratio Lower Upper

154 100

153 39.5 20.5 60.5

76 13.1 0.0 34.1





#47

2-Chloronaphthalene

Concen: 50.141 ng

RT: 13.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

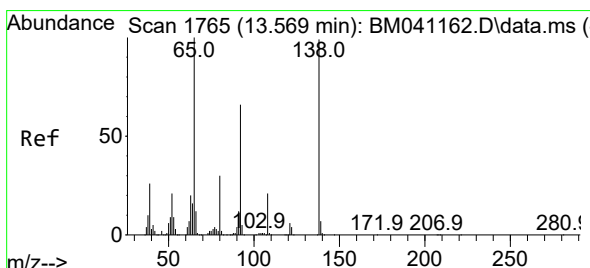
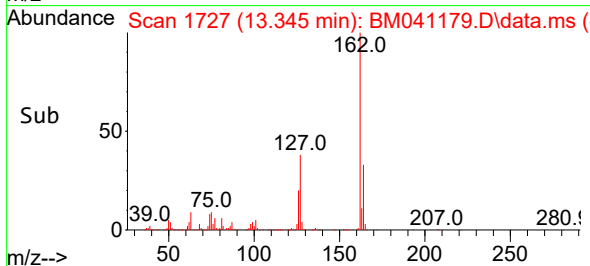
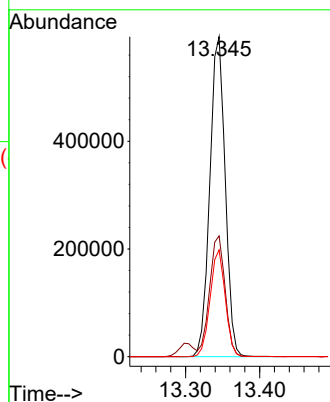
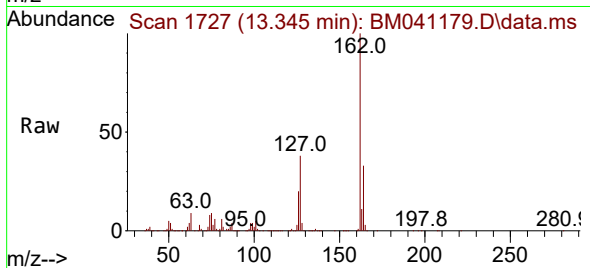
Tgt Ion:162 Resp: 856619

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

164 33.3 25.6 38.4



#48

2-Nitroaniline

Concen: 47.946 ng

RT: 13.563 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

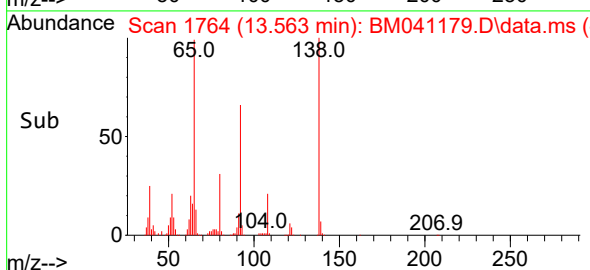
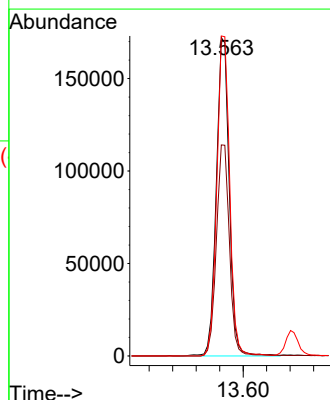
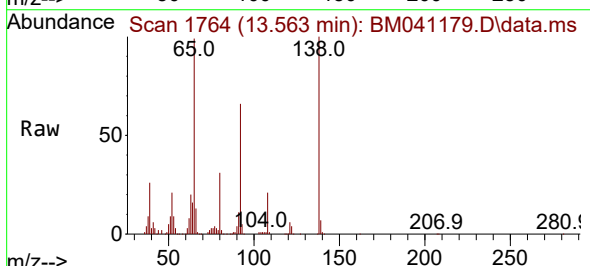
Tgt Ion: 65 Resp: 261462

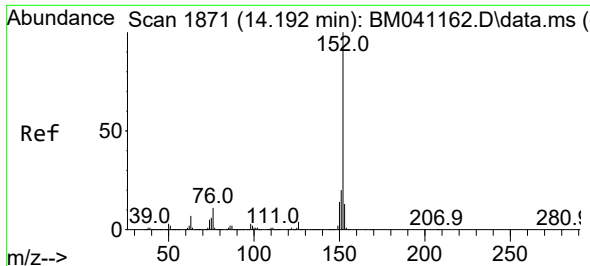
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.4

138 100.5 79.1 118.7

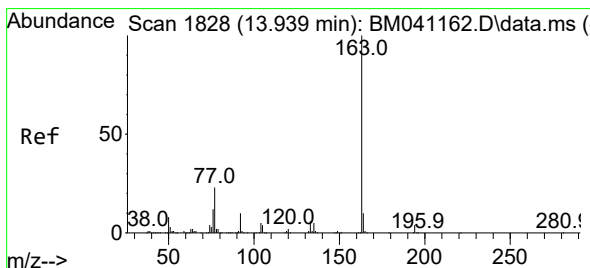
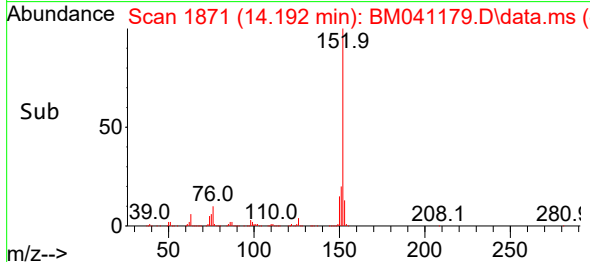
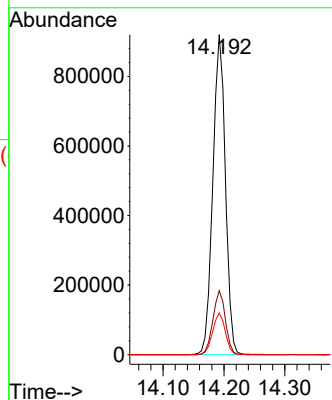
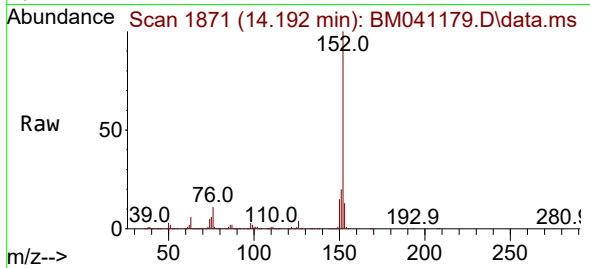




#49
Acenaphthylene
Concen: 47.742 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

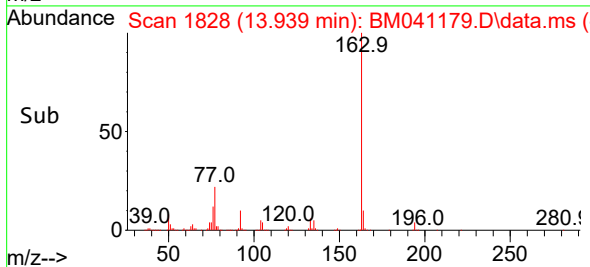
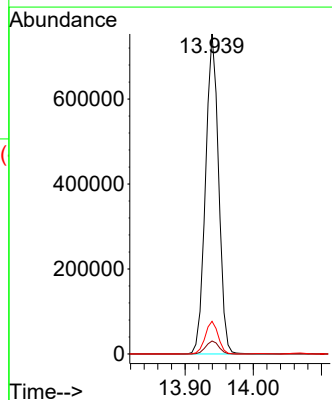
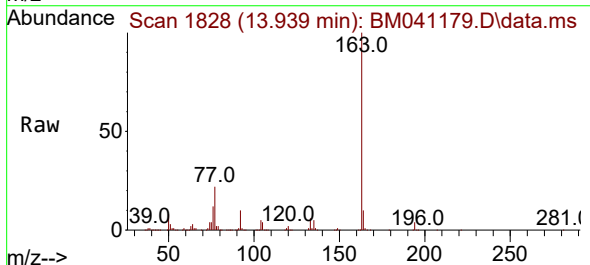
Instrument :
BNA_M
ClientSampleId :
PB154118BS

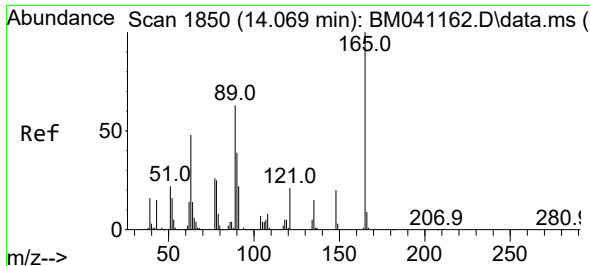
Tgt Ion:152 Resp: 1316497
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 47.236 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:163 Resp: 1002811
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

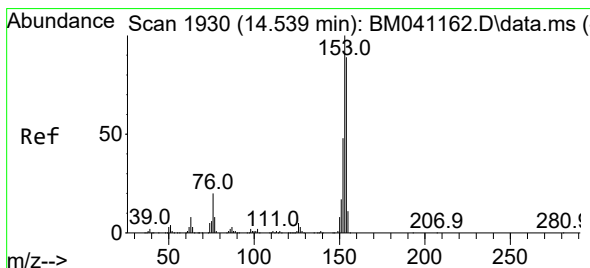
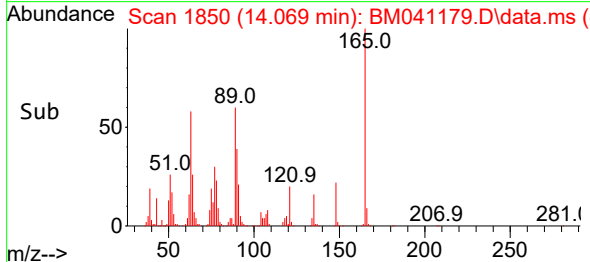
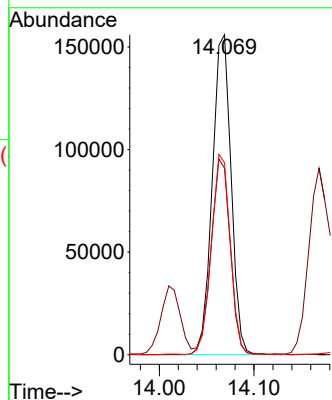
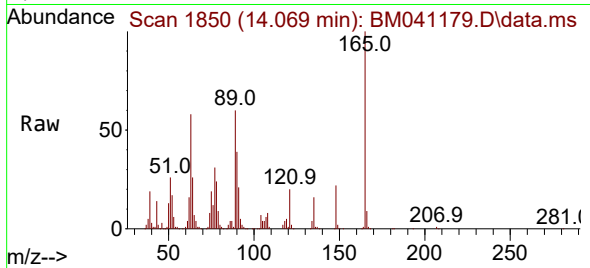




#51
2,6-Dinitrotoluene
Concen: 48.847 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

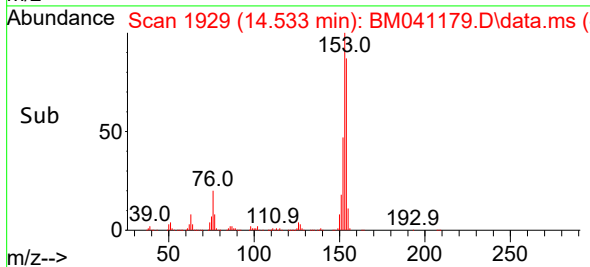
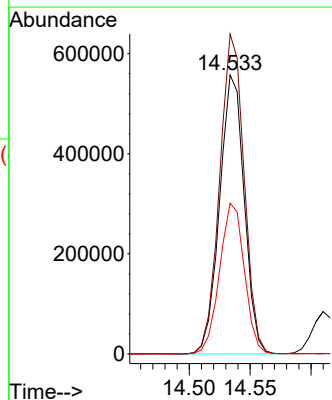
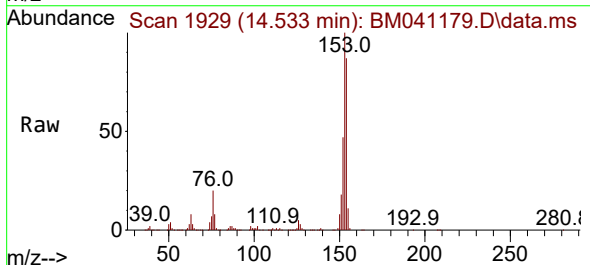
Instrument :
BNA_M
ClientSampleId :
PB154118BS

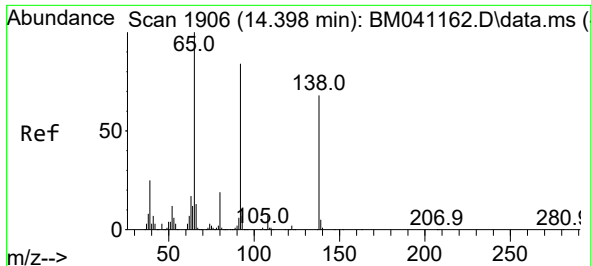
Tgt Ion:165 Resp: 214872
Ion Ratio Lower Upper
165 100
63 58.3 50.9 76.3
89 60.0 50.6 76.0



#52
Acenaphthene
Concen: 47.213 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:154 Resp: 784290
Ion Ratio Lower Upper
154 100
153 114.7 90.2 135.4
152 54.0 43.4 65.0

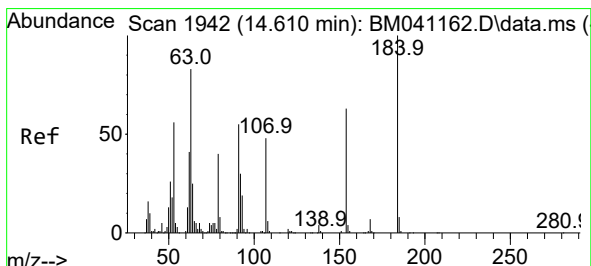
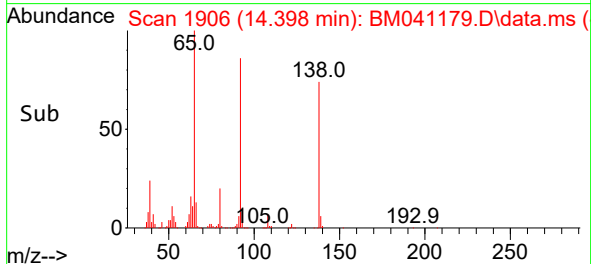
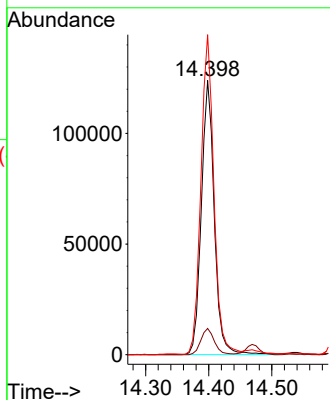
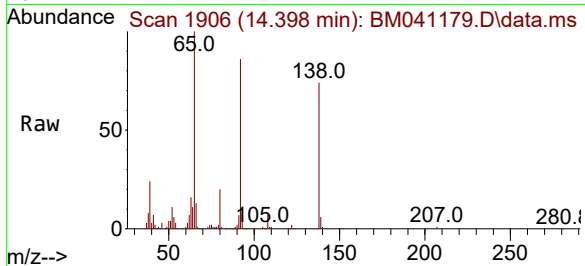




#53
3-Nitroaniline
Concen: 35.424 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

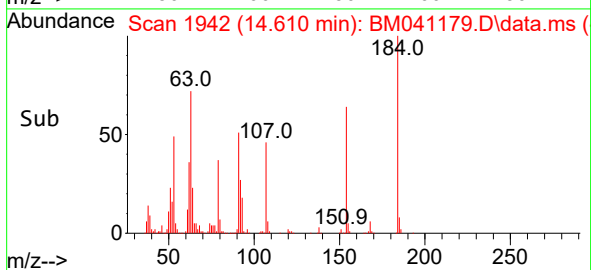
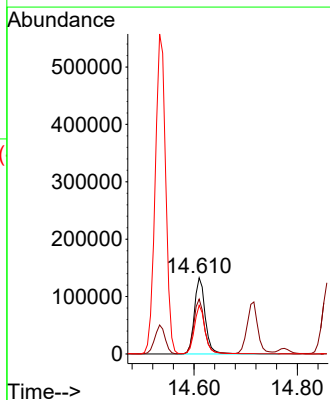
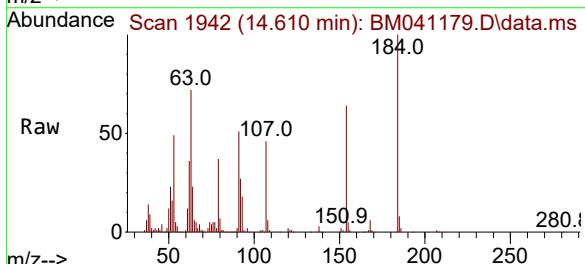
Instrument :
BNA_M
ClientSampleId :
PB154118BS

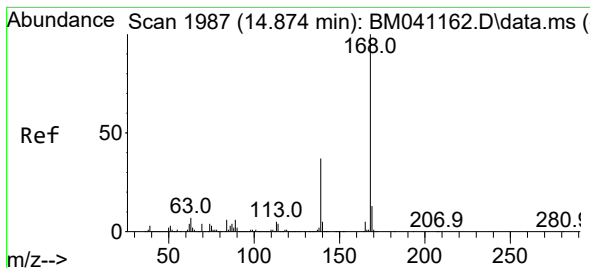
Tgt Ion:138 Resp: 176685
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 116.7 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 66.463 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:184 Resp: 194268
Ion Ratio Lower Upper
184 100
63 72.0 66.5 99.7
154 63.9 52.8 79.2

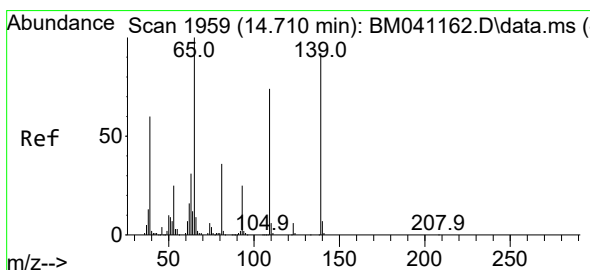
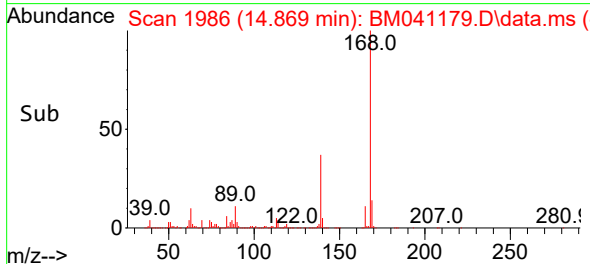
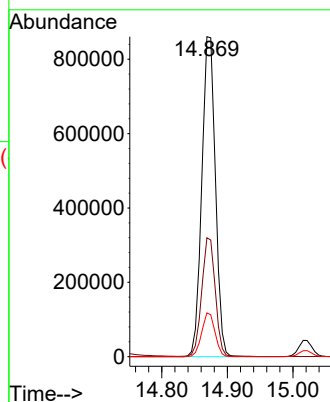
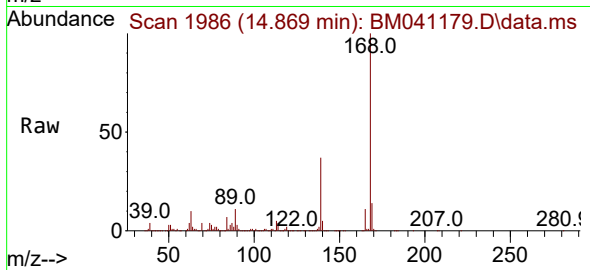




#55
Dibenzofuran
Concen: 45.911 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

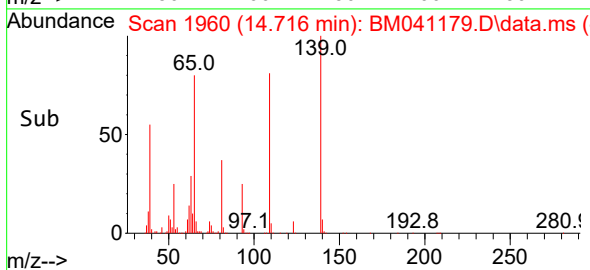
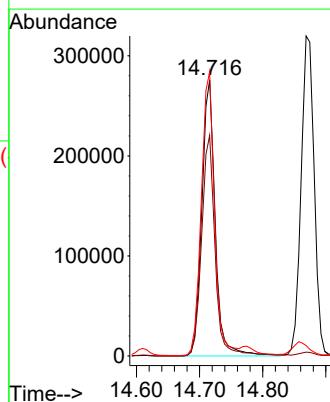
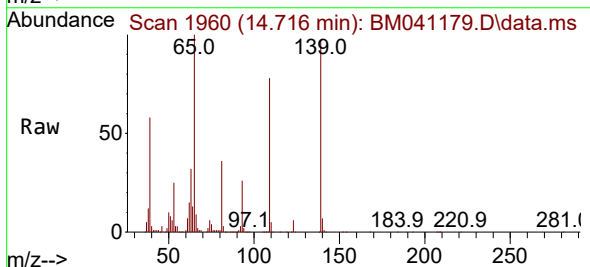
Instrument :
BNA_M
ClientSampleId :
PB154118BS

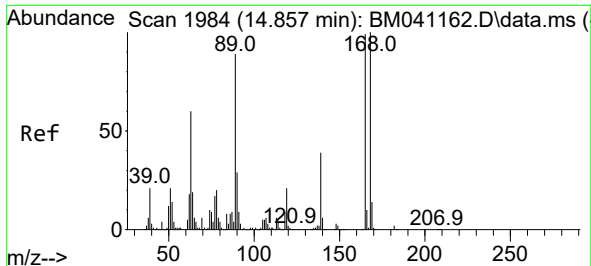
Tgt Ion:168 Resp: 1244345
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 110.999 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:139 Resp: 406934
Ion Ratio Lower Upper
139 100
109 79.9 61.2 101.2
65 102.9 89.5 129.5

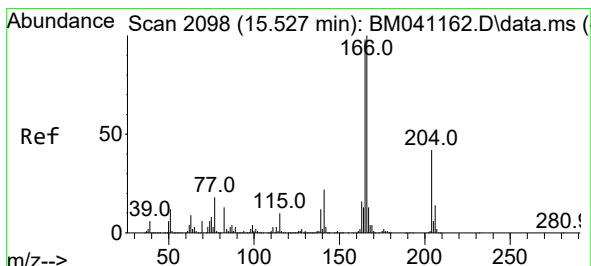
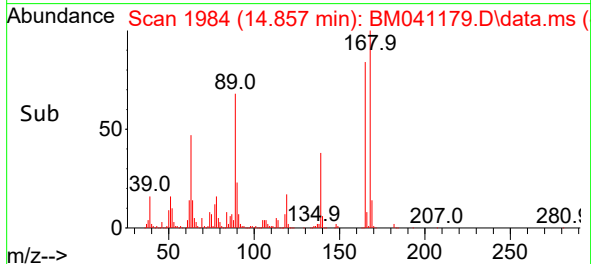
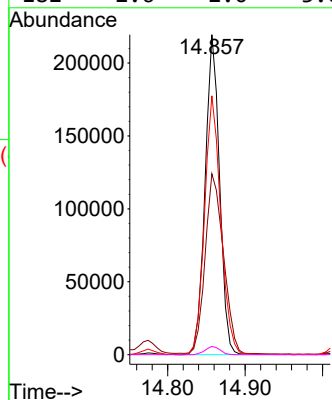
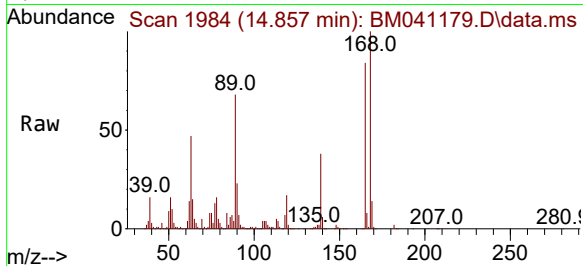




#57
2,4-Dinitrotoluene
Concen: 45.373 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

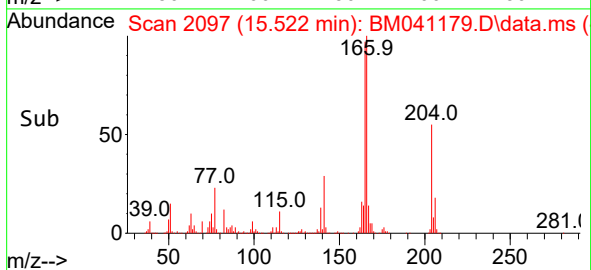
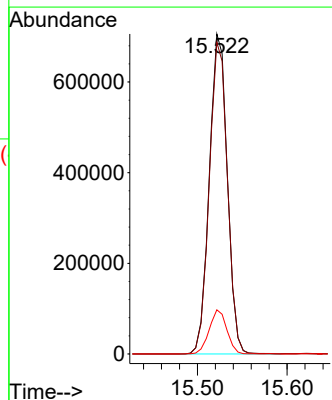
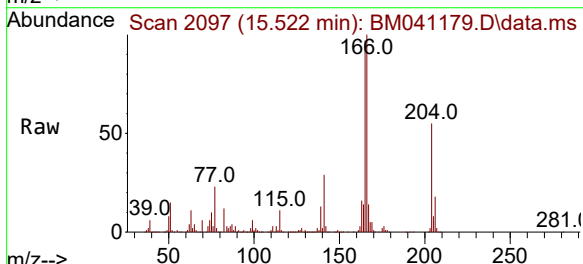
Instrument :
BNA_M
ClientSampleId :
PB154118BS

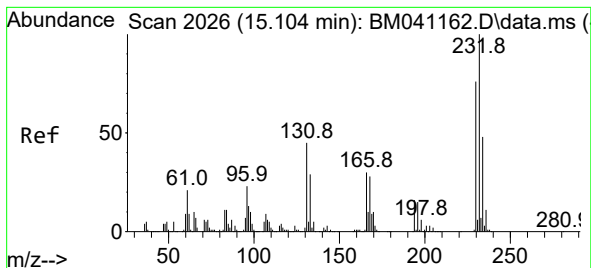
Tgt Ion:165 Resp: 284055
Ion Ratio Lower Upper
165 100
63 56.6 48.3 72.5
89 80.9 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 46.037 ng
RT: 15.522 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:166 Resp: 984345
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.8 10.6 16.0

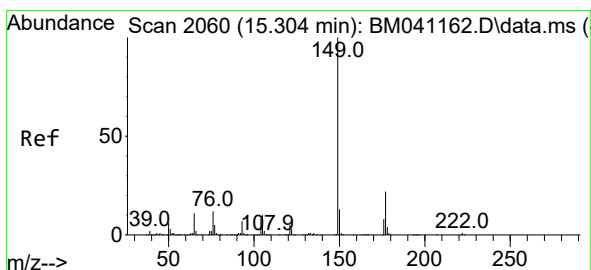
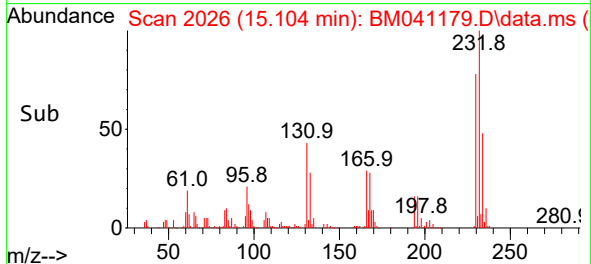
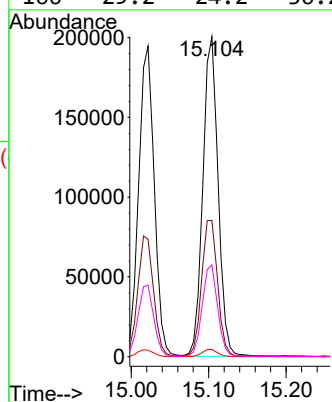
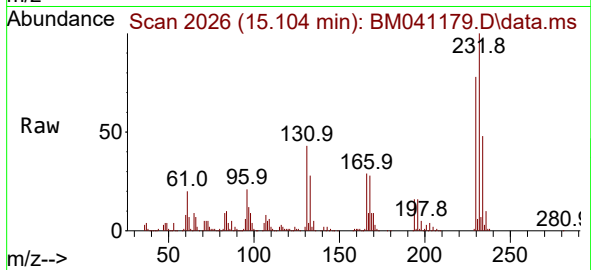




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.703 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

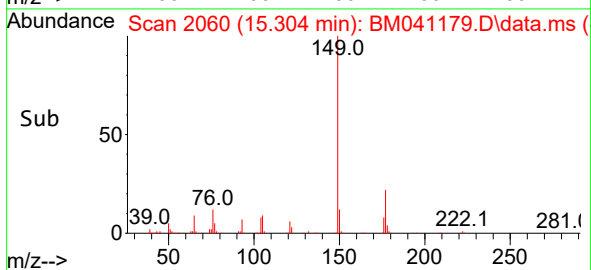
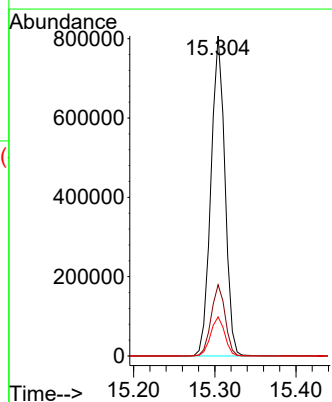
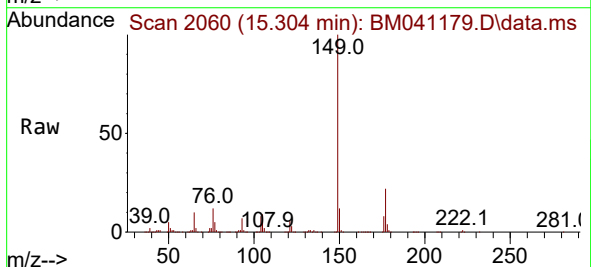
Instrument :
BNA_M
ClientSampleId :
PB154118BS

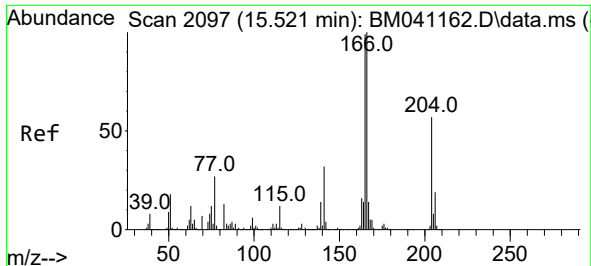
Tgt Ion:232 Resp: 273627
Ion Ratio Lower Upper
232 100
131 44.6 36.9 55.3
130 2.3 2.0 3.0
166 29.2 24.2 36.2



#60
Diethylphthalate
Concen: 46.859 ng
RT: 15.304 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:149 Resp: 962049
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.2 10.1 15.1

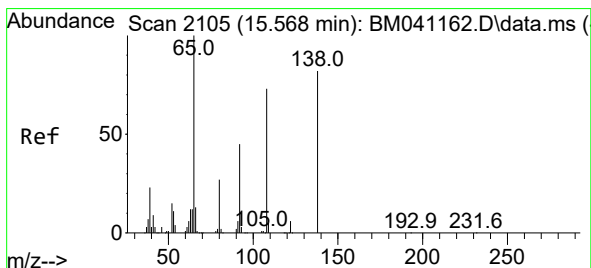
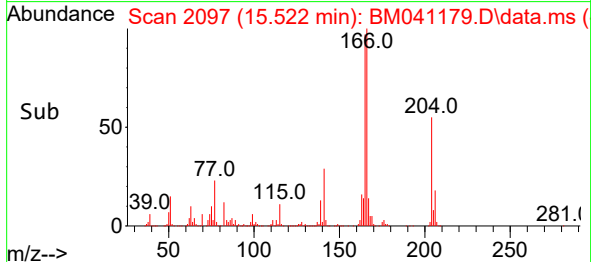
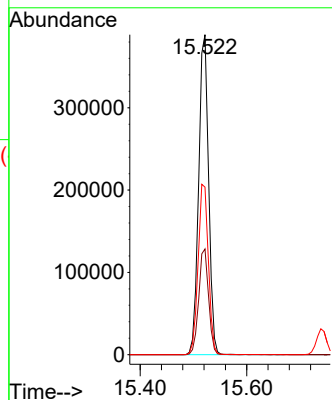
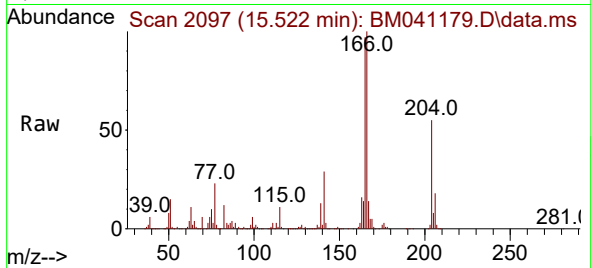




#61
4-Chlorophenyl-phenylether
Concen: 47.163 ng
RT: 15.522 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

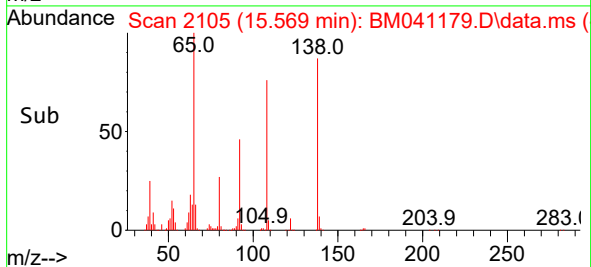
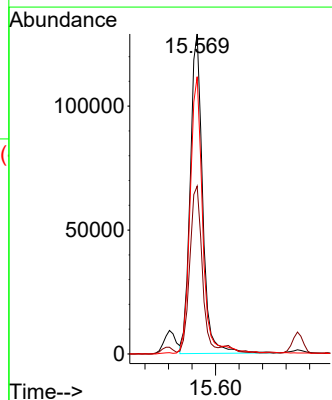
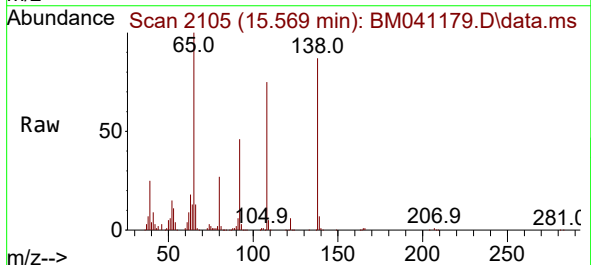
Instrument :
BNA_M
ClientSampleId :
PB154118BS

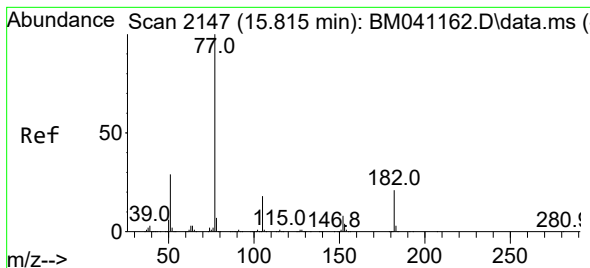
Tgt Ion:204 Resp: 505325
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 52.4 44.8 67.2



#62
4-Nitroaniline
Concen: 41.183 ng
RT: 15.569 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:138 Resp: 190190
Ion Ratio Lower Upper
138 100
92 52.4 35.1 75.1
108 86.6 67.8 107.8





#63

Azobenzene

Concen: 44.969 ng

RT: 15.816 min Scan# 2147

Delta R.T. 0.001 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

Tgt Ion: 77 Resp: 1011299

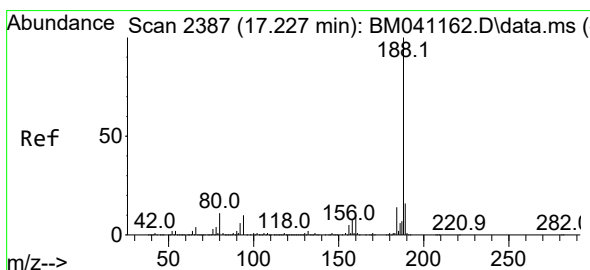
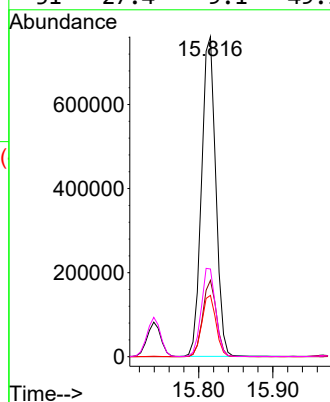
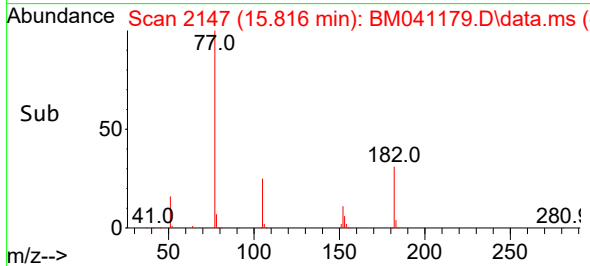
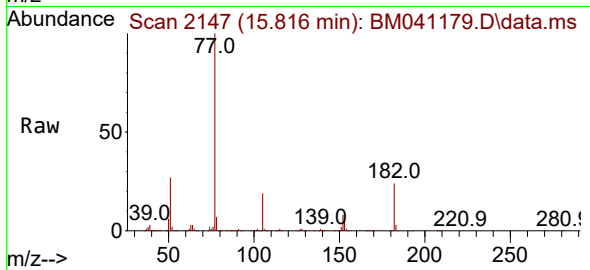
Ion Ratio Lower Upper

77 100

182 23.8 1.3 41.3

105 19.2 0.0 38.5

51 27.4 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: BM041179.D

Acq: 28 Jul 2023 23:33

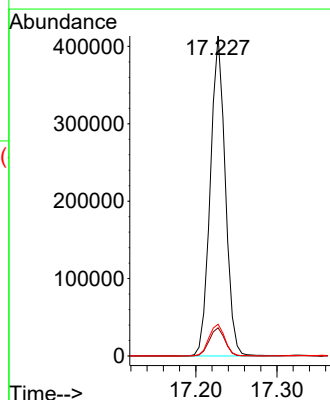
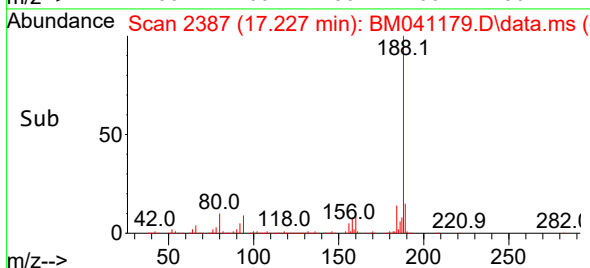
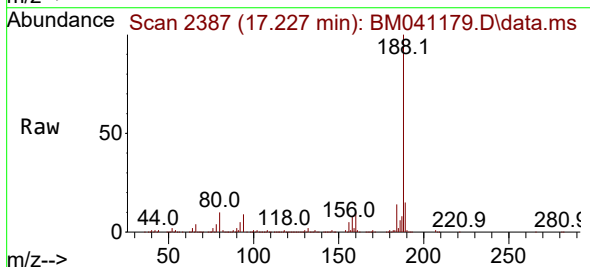
Tgt Ion: 188 Resp: 530376

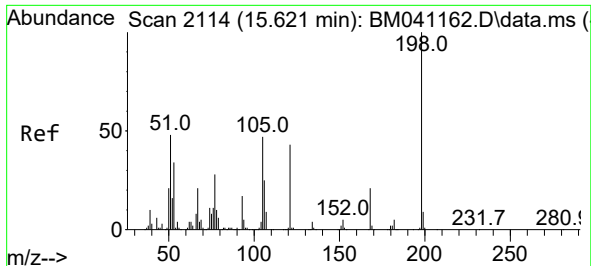
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.9 8.6 13.0

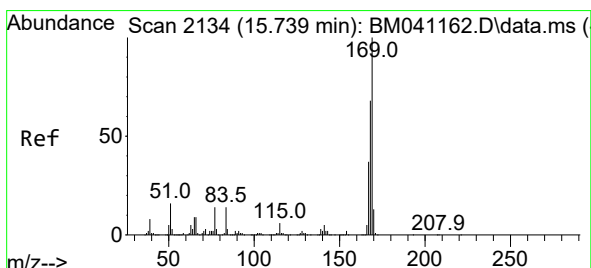
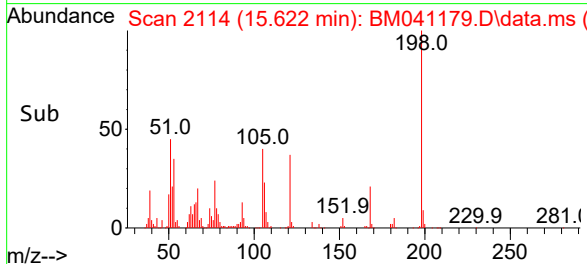
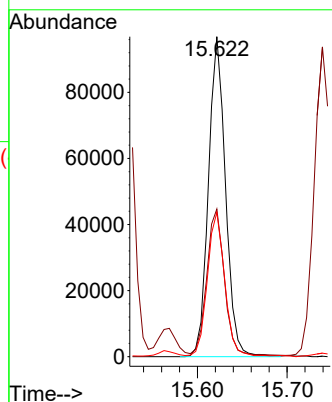
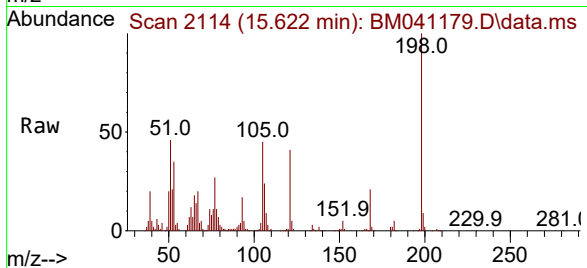




#65
4,6-Dinitro-2-methylphenol
Concen: 39.830 ng
RT: 15.622 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

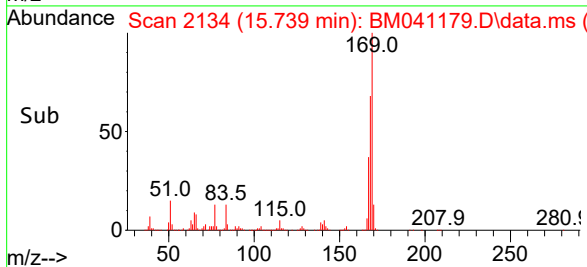
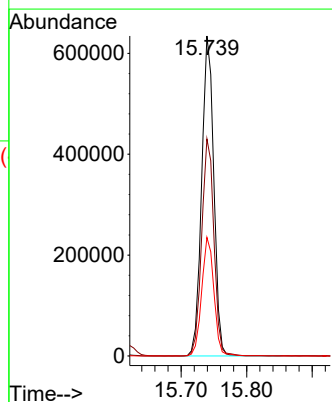
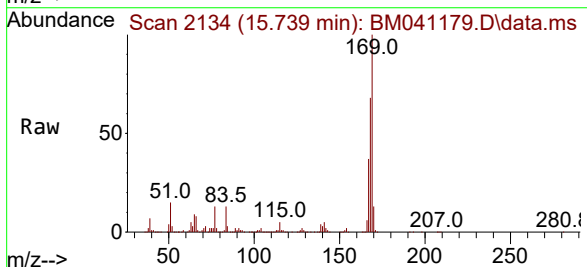
Instrument :
BNA_M
ClientSampleId :
PB154118BS

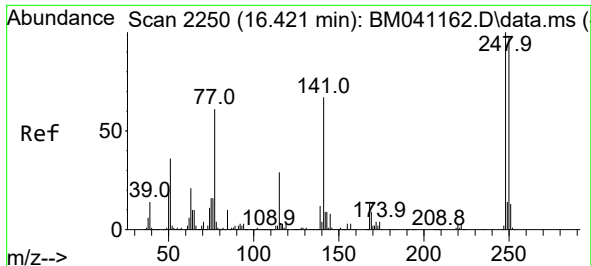
Tgt Ion:198 Resp: 127974
Ion Ratio Lower Upper
198 100
51 46.2 31.7 71.7
105 45.1 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 49.531 ng
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:169 Resp: 817021
Ion Ratio Lower Upper
169 100
168 67.9 54.6 81.8
167 37.1 29.9 44.9

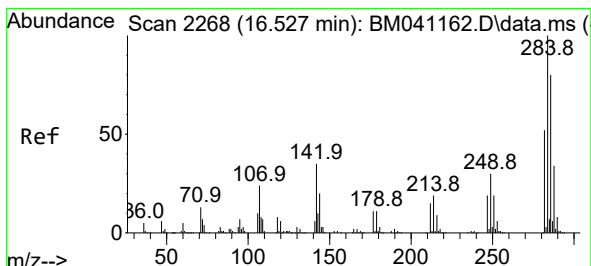
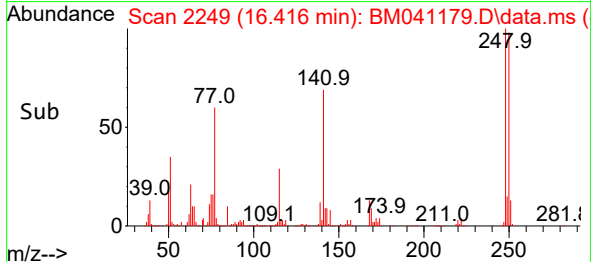
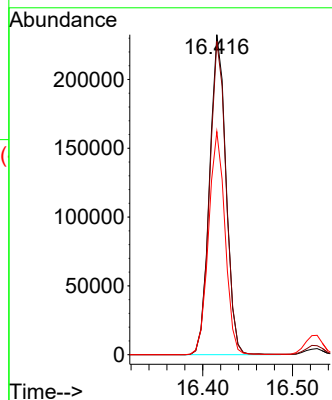
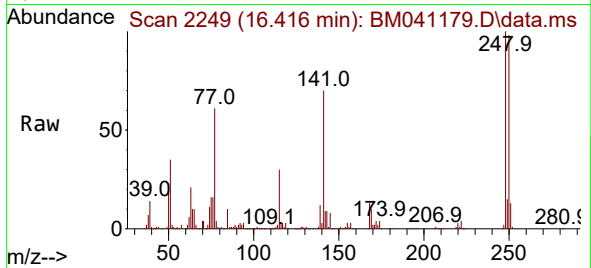




#67
4-Bromophenyl-phenylether
Concen: 50.896 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

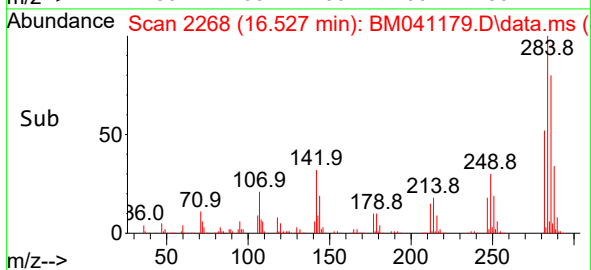
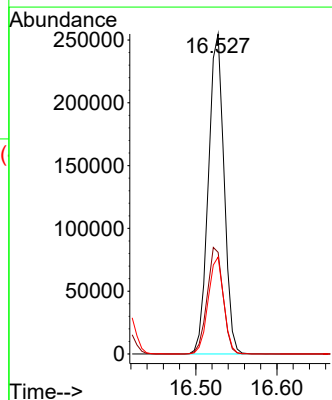
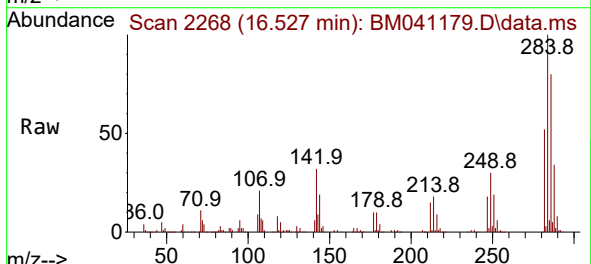
Instrument :
BNA_M
ClientSampleId :
PB154118BS

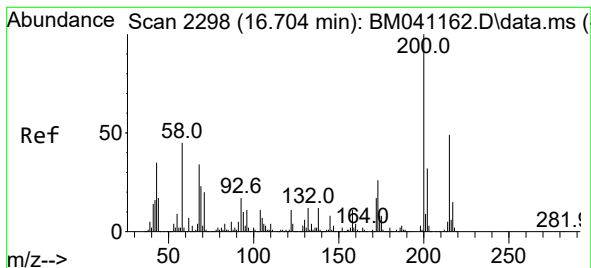
Tgt Ion:248 Resp: 295967
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 69.7 53.8 80.8



#68
Hexachlorobenzene
Concen: 52.670 ng
RT: 16.527 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:284 Resp: 340573
Ion Ratio Lower Upper
284 100
142 31.7 28.0 42.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 65.190 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

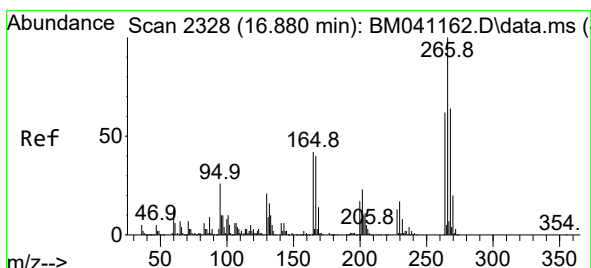
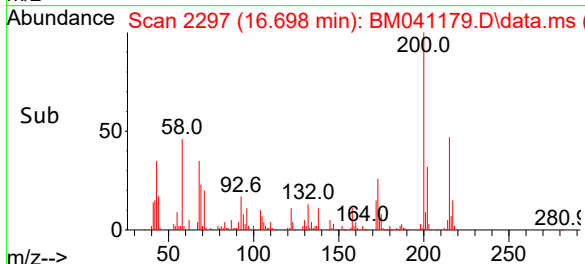
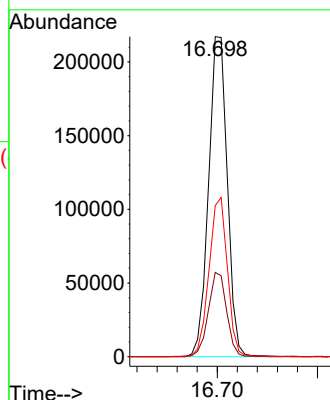
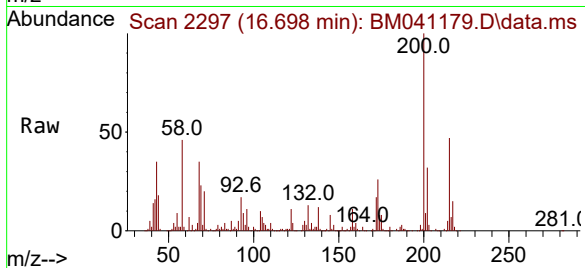
Tgt Ion:200 Resp: 282395

Ion Ratio Lower Upper

200 100

173 26.4 5.6 45.6

215 47.2 28.5 68.5



#70

Pentachlorophenol

Concen: 109.228 ng

RT: 16.880 min Scan# 2328

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

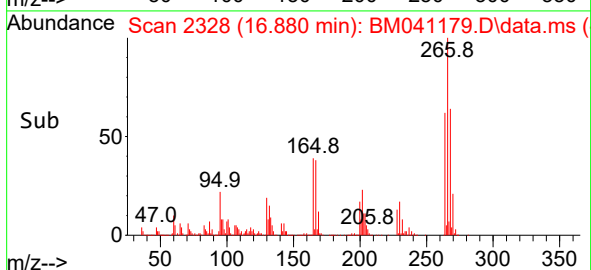
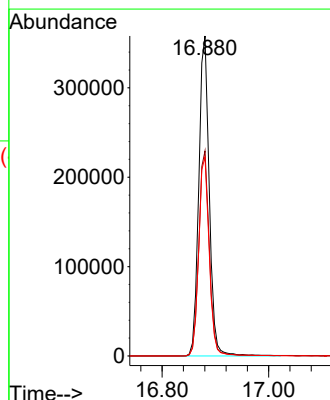
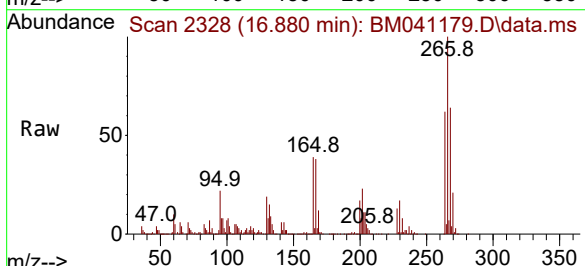
Tgt Ion:266 Resp: 489075

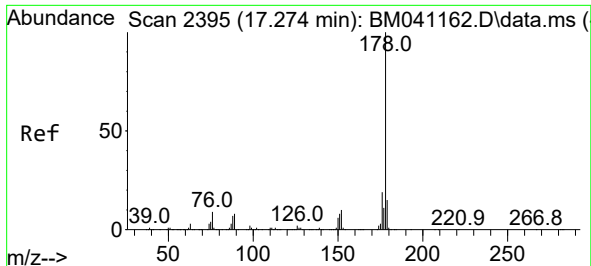
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 62.2 49.4 74.2

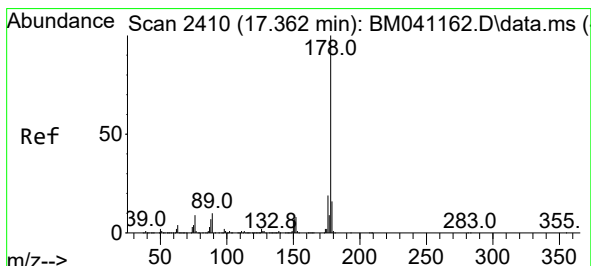
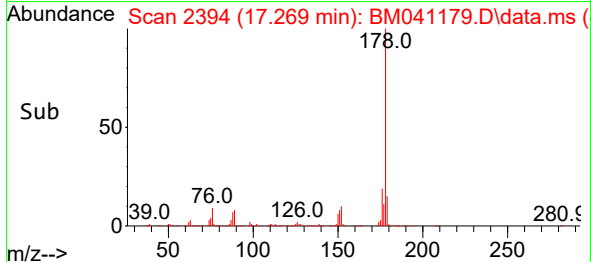
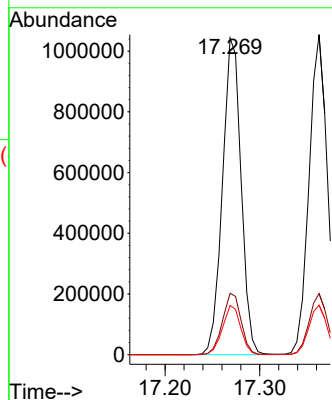
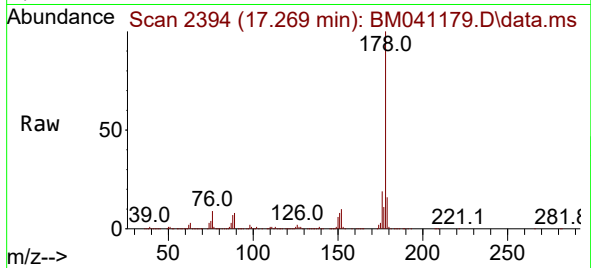




#71
Phenanthrene
Concen: 48.439 ng
RT: 17.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

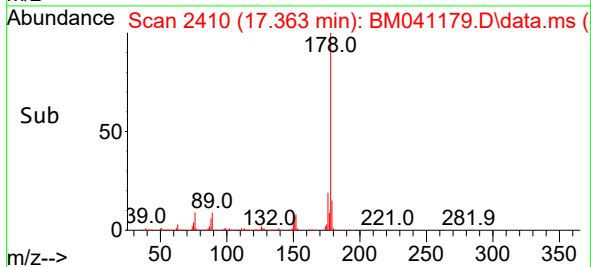
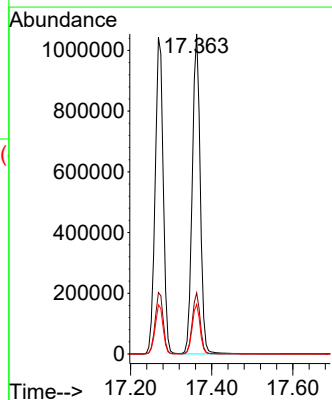
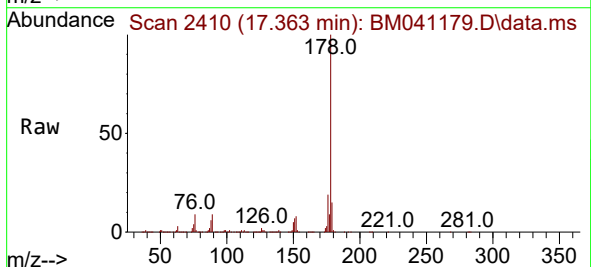
Instrument :
BNA_M
ClientSampleId :
PB154118BS

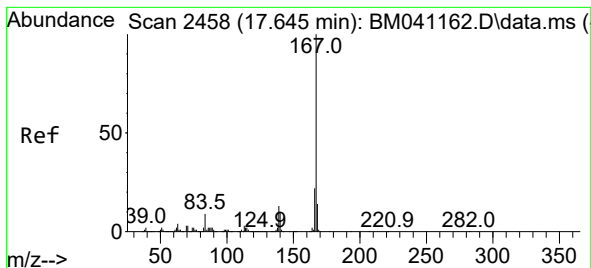
Tgt Ion:178 Resp: 1427407
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.1 18.1



#72
Anthracene
Concen: 49.247 ng
RT: 17.363 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:178 Resp: 1435284
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.5 12.4 18.6





#73

Carbazole

Concen: 50.196 ng

RT: 17.639 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

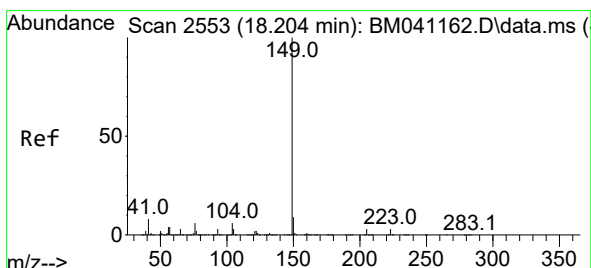
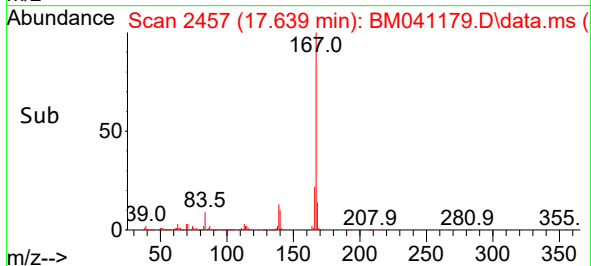
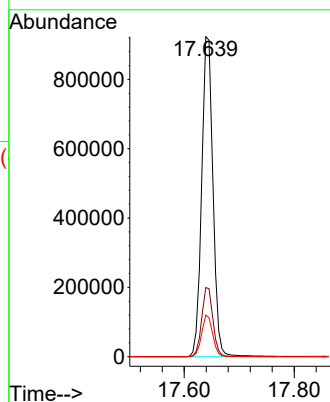
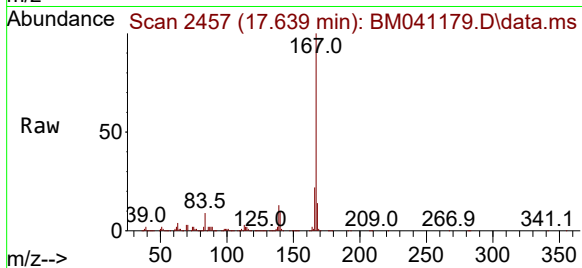
Tgt Ion:167 Resp: 1324106

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.250 ng

RT: 18.204 min Scan# 2553

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

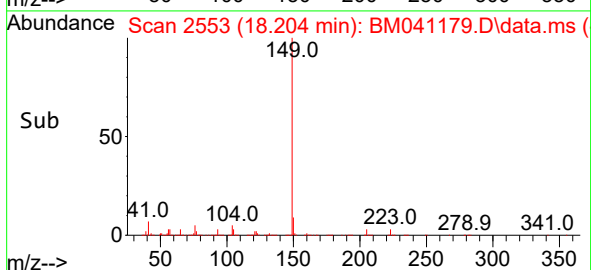
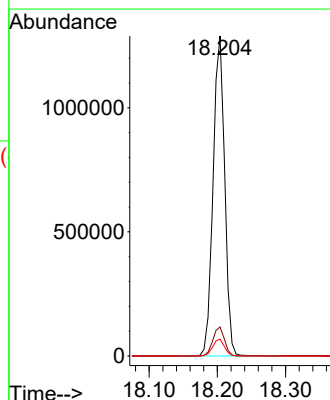
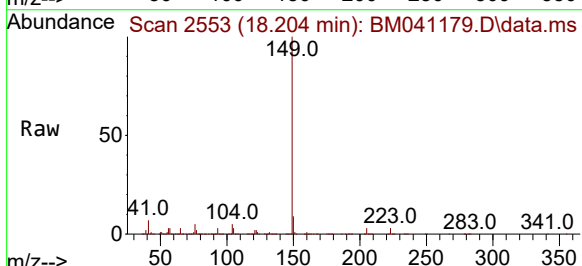
Tgt Ion:149 Resp: 1527662

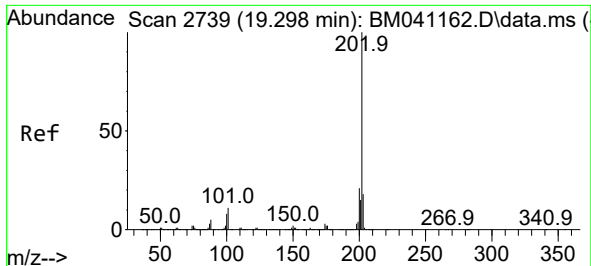
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.5 6.7

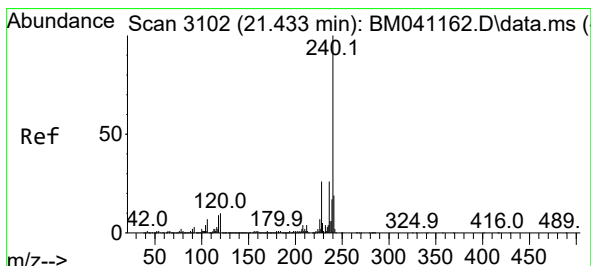
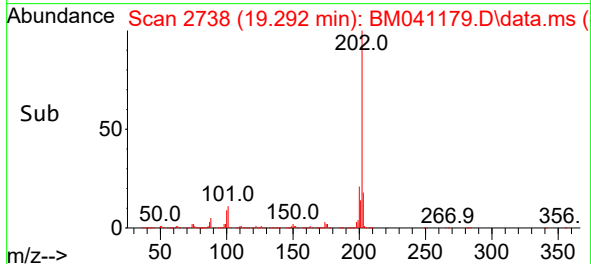
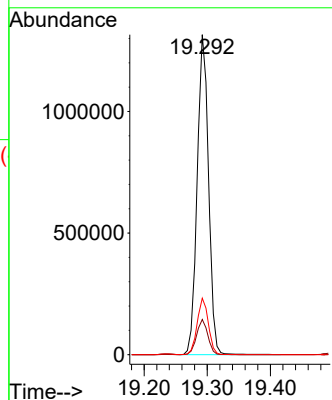
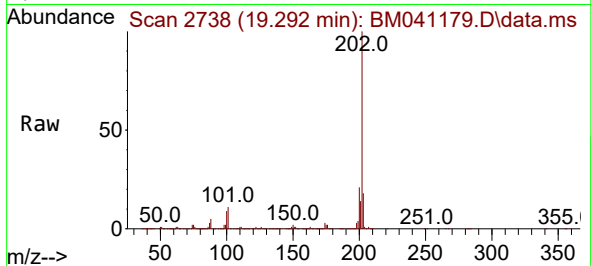




#75
Fluoranthene
Concen: 49.502 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

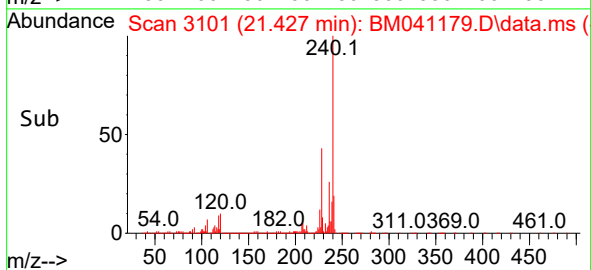
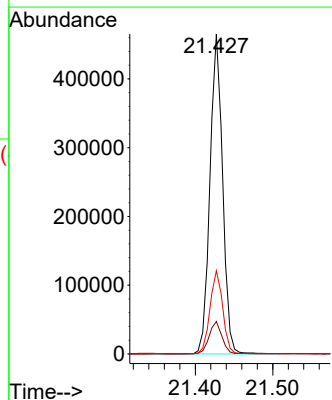
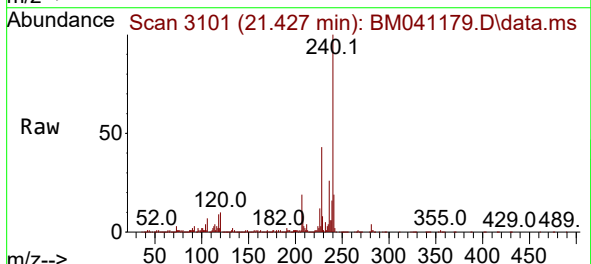
Instrument :
BNA_M
ClientSampleId :
PB154118BS

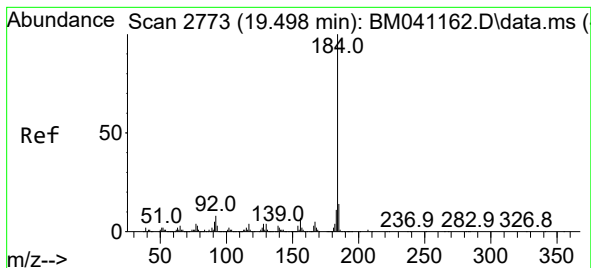
Tgt Ion:202 Resp: 1638849
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.8
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:240 Resp: 527191
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.0 20.6 30.8





#77

Benzidine

Concen: 136.060 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

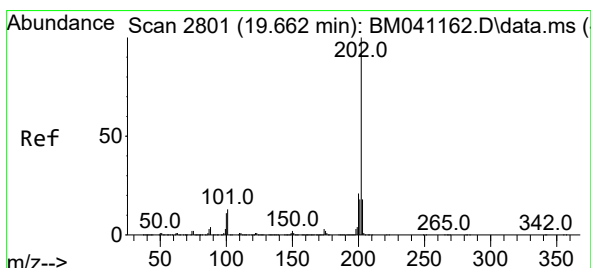
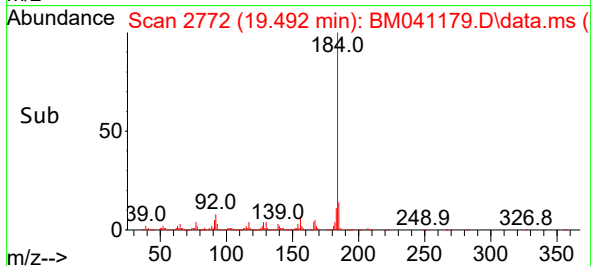
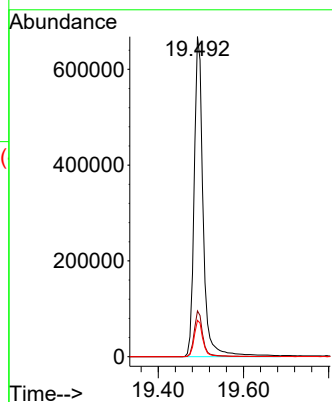
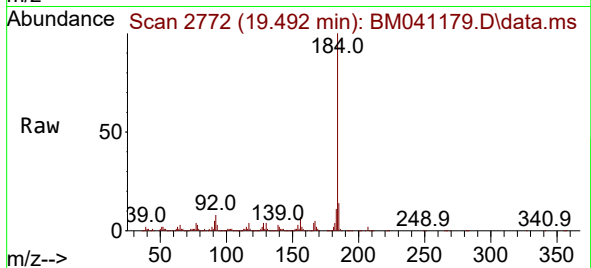
Tgt Ion:184 Resp: 977665

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 47.010 ng

RT: 19.657 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

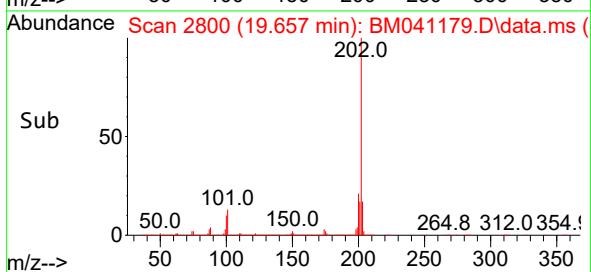
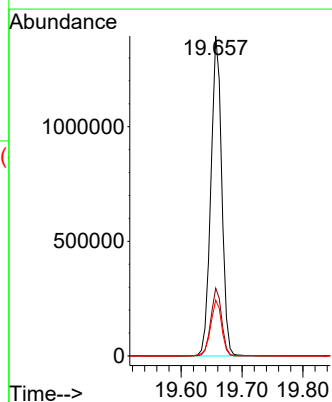
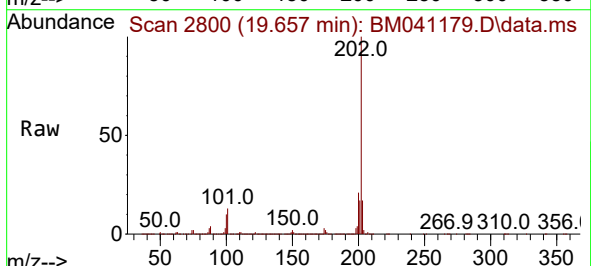
Tgt Ion:202 Resp: 1733120

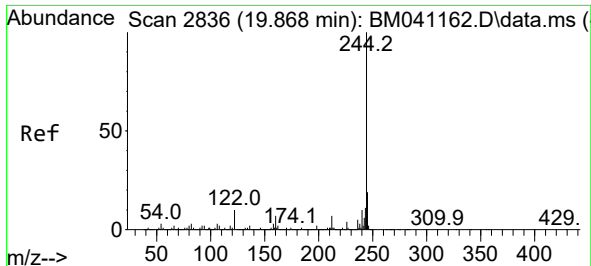
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.5 14.1 21.1

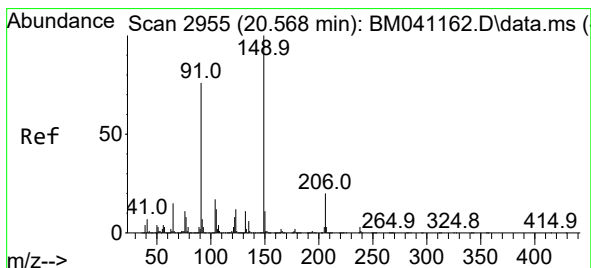
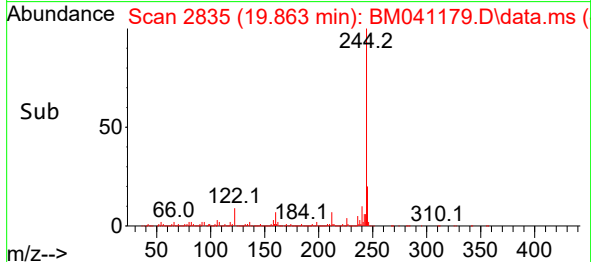
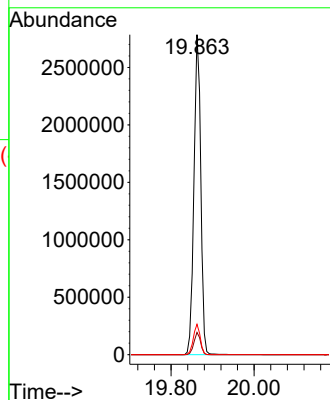
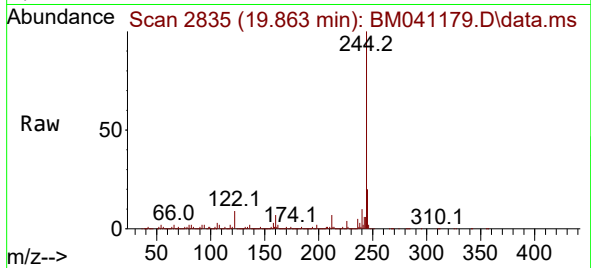




#79
 Terphenyl-d14
 Concen: 108.424 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

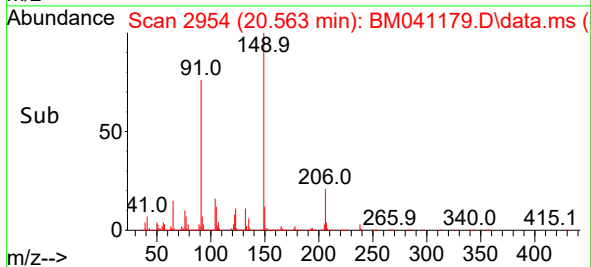
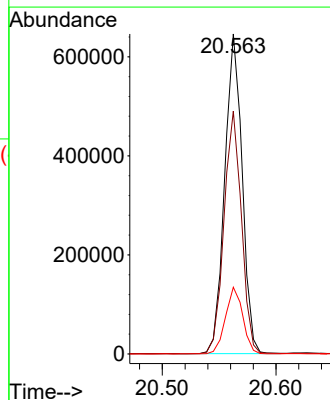
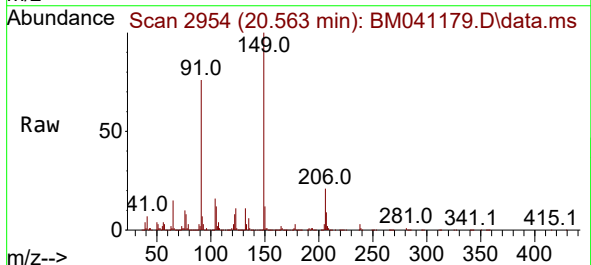
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

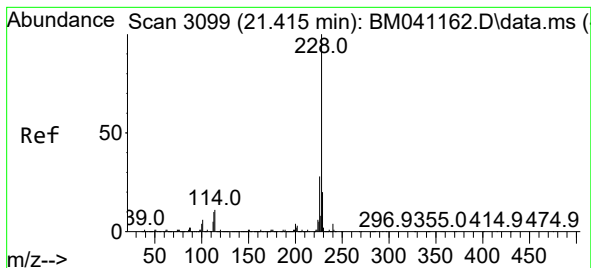
Tgt Ion:244 Resp: 3161405
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.5 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 51.233 ng
 RT: 20.563 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM041179.D
 Acq: 28 Jul 2023 23:33

Tgt Ion:149 Resp: 689755
 Ion Ratio Lower Upper
 149 100
 91 75.9 60.8 91.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.820 ng

RT: 21.410 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

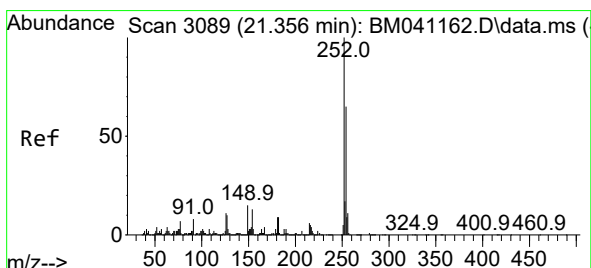
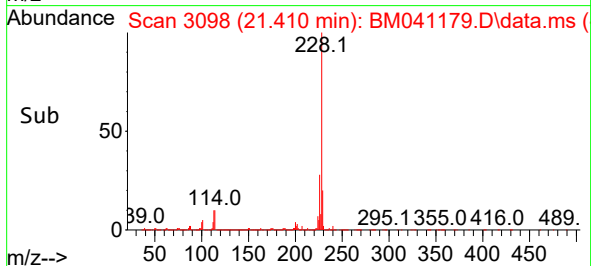
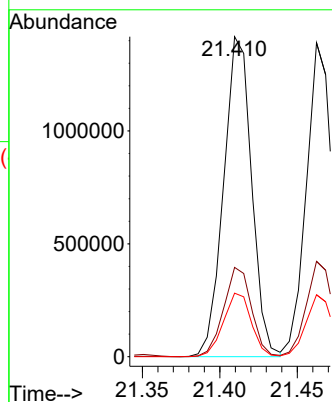
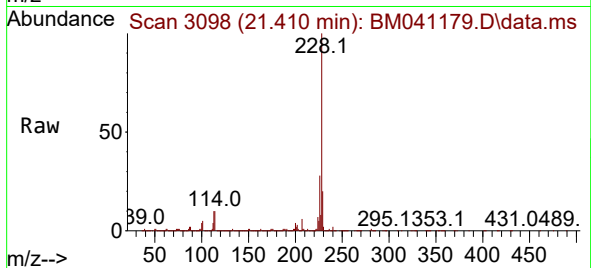
Tgt Ion:228 Resp: 1780547

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 56.313 ng

RT: 21.351 min Scan# 3088

Delta R.T. -0.005 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

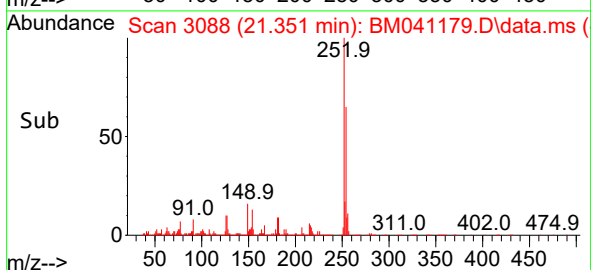
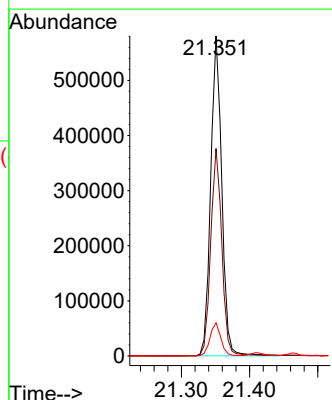
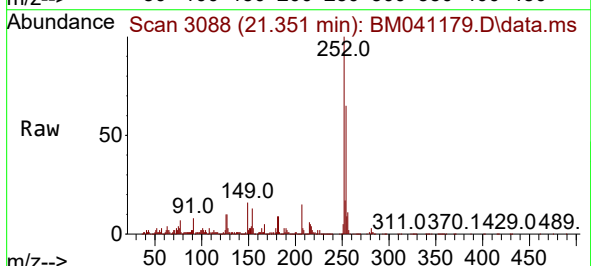
Tgt Ion:252 Resp: 656727

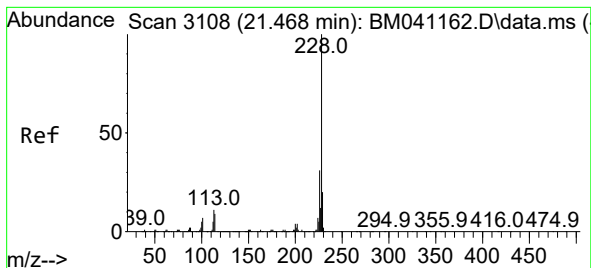
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 10.3 8.6 13.0





#83

Chrysene

Concen: 47.434 ng

RT: 21.462 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

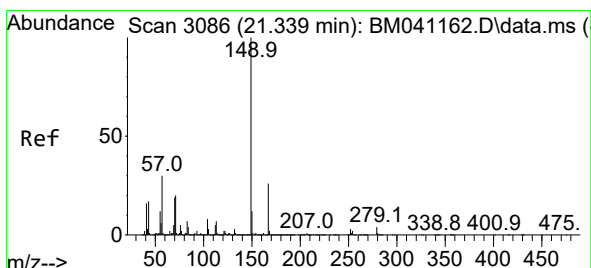
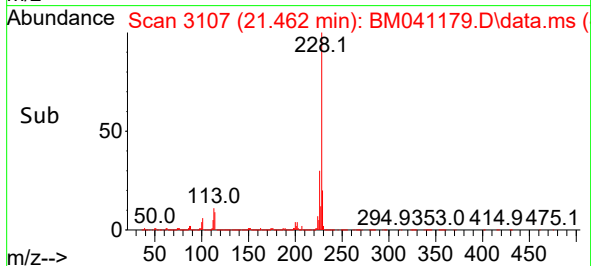
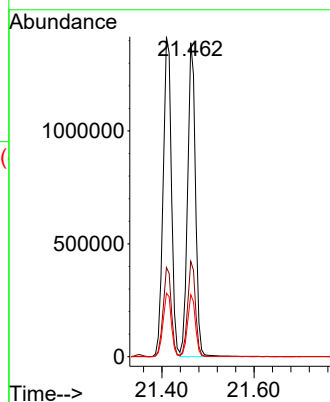
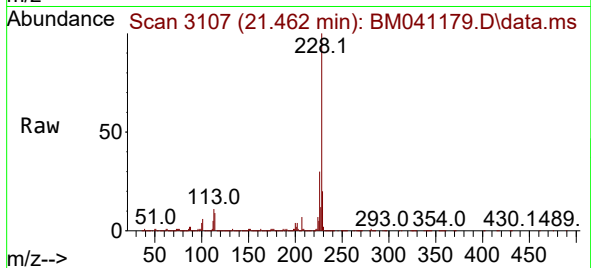
Tgt Ion:228 Resp: 1639719

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.528 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

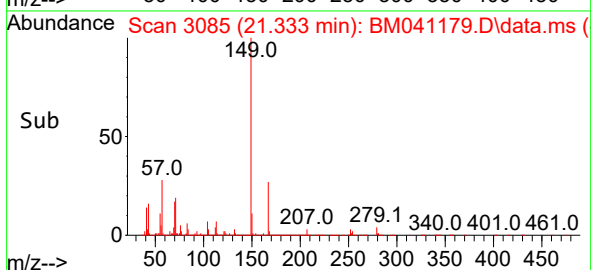
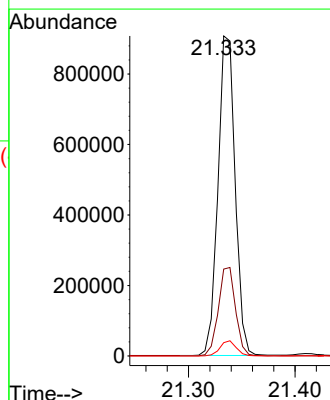
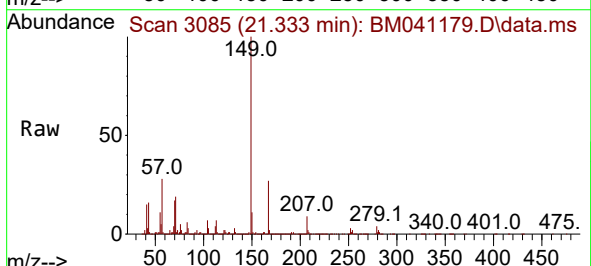
Tgt Ion:149 Resp: 1015597

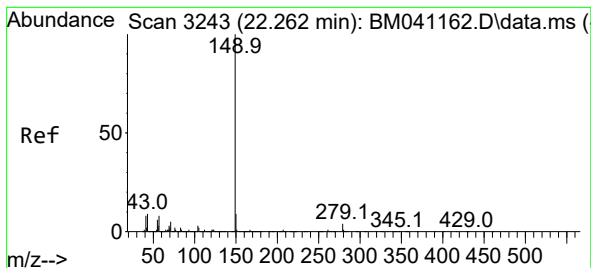
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.000 ng

RT: 22.256 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

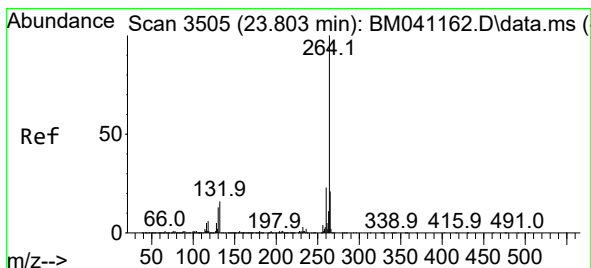
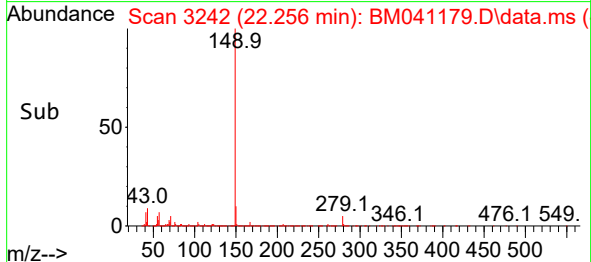
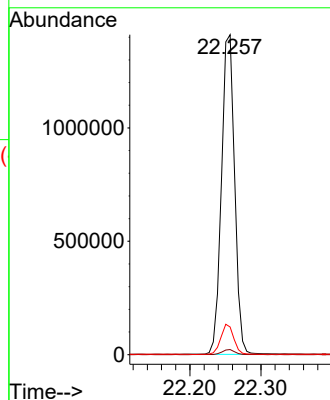
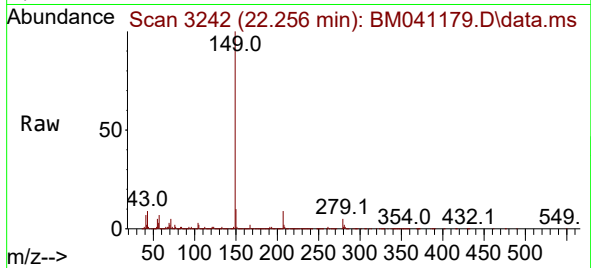
Tgt Ion:149 Resp: 1803368

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

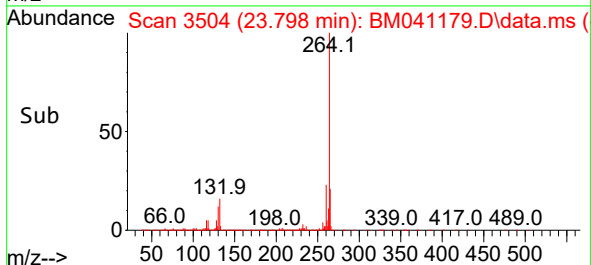
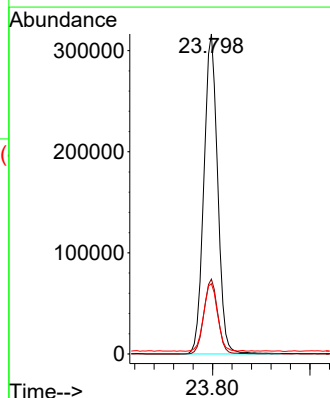
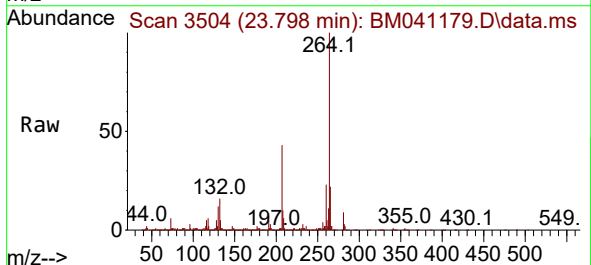
Tgt Ion:264 Resp: 619775

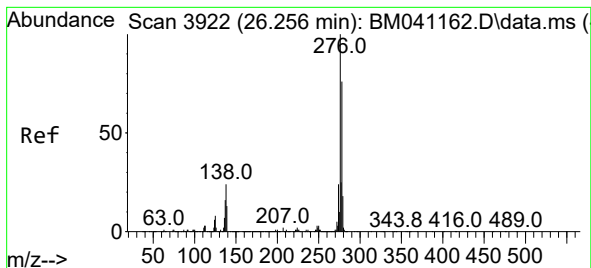
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.541 ng

RT: 26.250 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

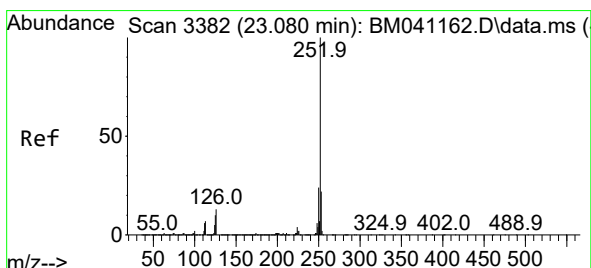
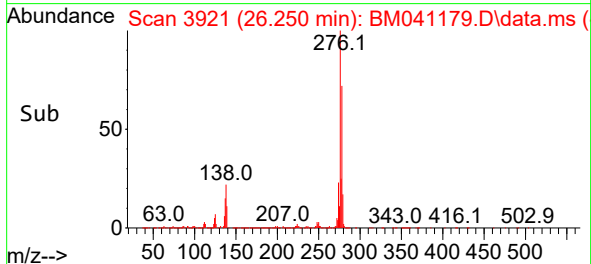
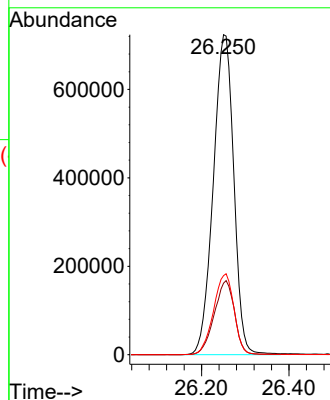
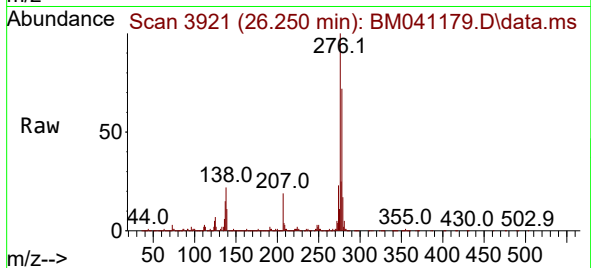
Tgt Ion:276 Resp: 2348542

Ion Ratio Lower Upper

276 100

138 23.0 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.101 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

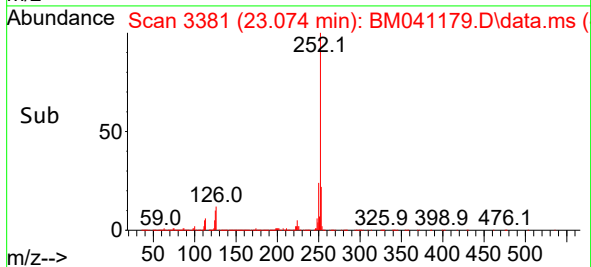
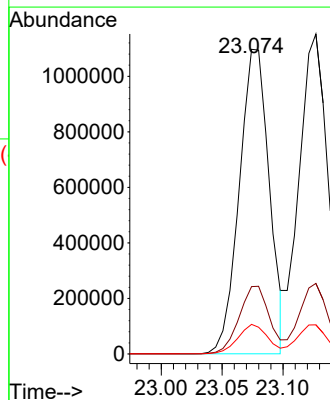
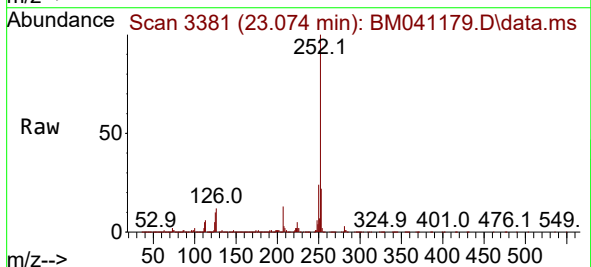
Tgt Ion:252 Resp: 1881451

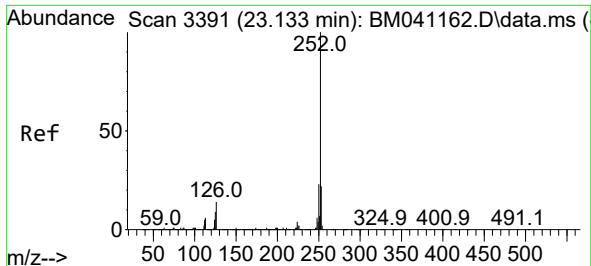
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 8.2 12.4

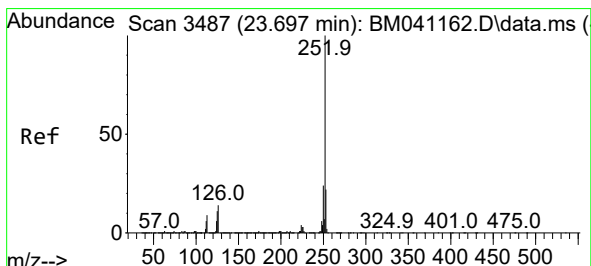
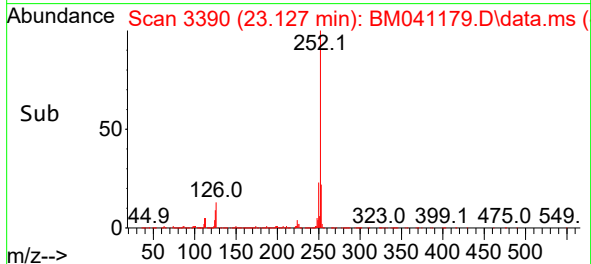
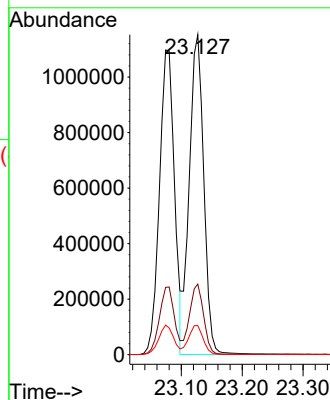
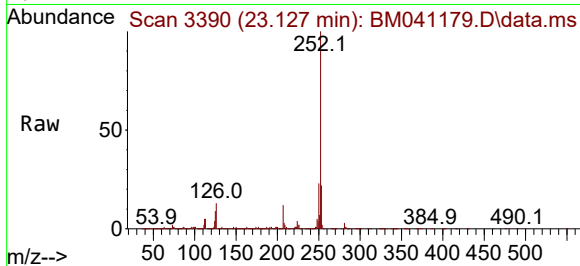




#89
Benzo(k)fluoranthene
Concen: 50.609 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

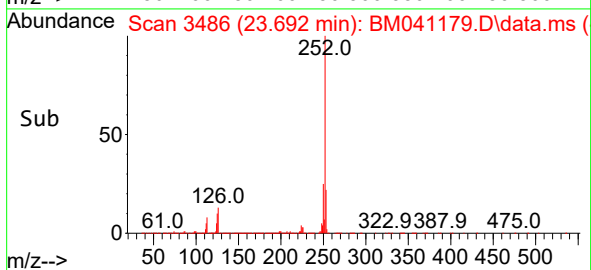
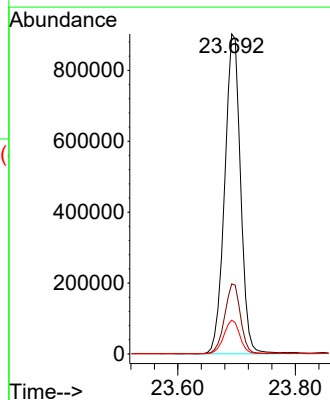
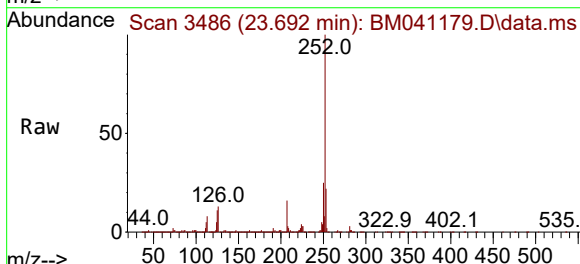
Instrument :
BNA_M
ClientSampleId :
PB154118BS

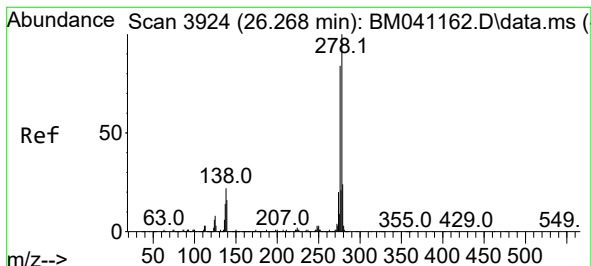
Tgt Ion:252 Resp: 1906017
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.673 ng
RT: 23.692 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041179.D
Acq: 28 Jul 2023 23:33

Tgt Ion:252 Resp: 1686554
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 52.056 ng

RT: 26.268 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Instrument :

BNA_M

ClientSampleId :

PB154118BS

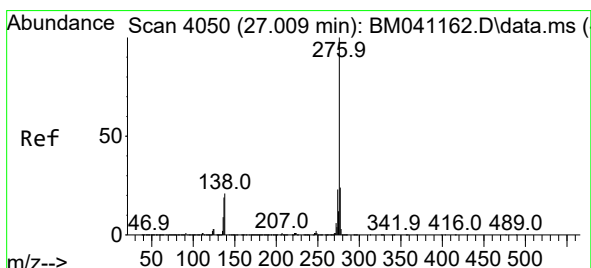
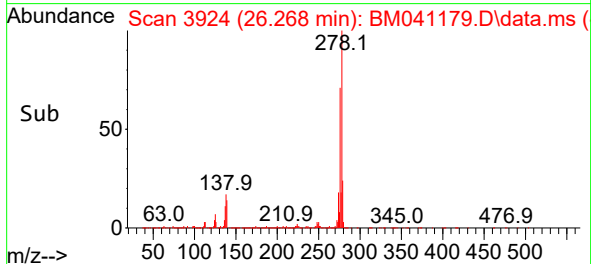
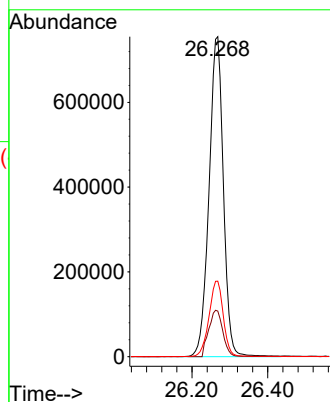
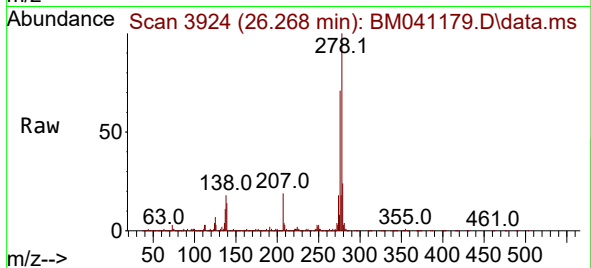
Tgt Ion:278 Resp: 1978450

Ion Ratio Lower Upper

278 100

139 14.3 12.7 19.1

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.951 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BM041179.D

Acq: 28 Jul 2023 23:33

Tgt Ion:276 Resp: 1894812

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 20.5 17.1 25.7

