

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041178.D
 Acq On : 28 Jul 2023 22:55
 Operator : MA/JU
 Sample : PB154118BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

Quant Time: Jul 29 01:20:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	151721	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	582476	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	312153	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	602968	20.000	ng	0.00
76) Chrysene-d12	21.427	240	582863	20.000	ng	0.00
86) Perylene-d12	23.797	264	652193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1597795	157.397	ng	0.00
7) Phenol-d6	6.987	99	1986821	150.990	ng	0.00
23) Nitrobenzene-d5	8.986	82	1267798	101.220	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	710563	160.934	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2599882	105.214	ng	0.00
79) Terphenyl-d14	19.862	244	3673922	113.966	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	148014	34.084	ng	99
3) Pyridine	3.669	79	410184	35.923	ng	100
4) n-Nitrosodimethylamine	3.587	42	225662	42.731	ng	92
6) Aniline	7.139	93	670255	43.524	ng	99
8) 2-Chlorophenol	7.369	128	508451	51.306	ng	100
9) Benzaldehyde	6.951	77	321715	46.335	ng	100
10) Phenol	7.016	94	643461	50.630	ng	99
11) bis(2-Chloroethyl)ether	7.239	93	506350	49.220	ng	98
12) 1,3-Dichlorobenzene	7.692	146	555043	51.452	ng	99
13) 1,4-Dichlorobenzene	7.839	146	564654	52.077	ng	99
14) 1,2-Dichlorobenzene	8.157	146	539917	51.934	ng	99
15) Benzyl Alcohol	8.063	79	455612	54.828	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	659333	48.102	ng	98
17) 2-Methylphenol	8.263	107	419067	48.264	ng	100
18) Hexachloroethane	8.875	117	213078	52.786	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	394317	49.336	ng	99
20) 3+4-Methylphenols	8.598	107	561964	48.406	ng	97
22) Acetophenone	8.645	105	741675	48.078	ng	99
24) Nitrobenzene	9.028	77	580784	45.852	ng	99
25) Isophorone	9.551	82	1033011	48.586	ng	99
26) 2-Nitrophenol	9.733	139	260300	52.569	ng	97
27) 2,4-Dimethylphenol	9.798	122	440568	50.563	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	638080	47.910	ng	100
29) 2,4-Dichlorophenol	10.269	162	445864	50.743	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	494270	50.914	ng	99
31) Naphthalene	10.663	128	1476111	46.700	ng	99
32) Benzoic acid	9.963	122	303321	46.597	ng	98
33) 4-Chloroaniline	10.792	127	368121	29.142	ng	98
34) Hexachlorobutadiene	10.933	225	302807	51.862	ng	98
35) Caprolactam	11.604	113	64909	25.536	ng	91
36) 4-Chloro-3-methylphenol	11.922	107	448000	48.441	ng	99
37) 2-Methylnaphthalene	12.280	142	974006	45.707	ng	99
38) 1-Methylnaphthalene	12.504	142	911250	45.689	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	514616	50.771	ng	99
41) Hexachlorocyclopentadiene	12.621	237	684199	127.592	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	339628	52.278	ng	99

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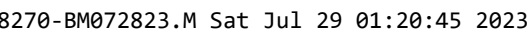
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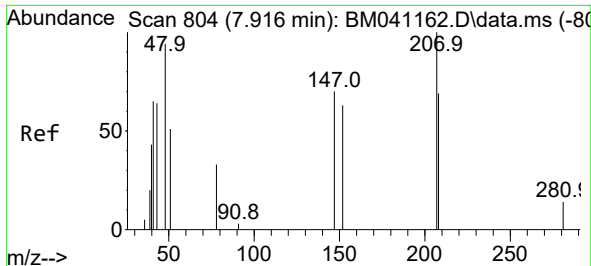
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	356940	47.470	ng	99
46) 1,1'-Biphenyl	13.304	154	1217225	48.100	ng	98
47) 2-Chloronaphthalene	13.345	162	937974	49.641	ng	99
48) 2-Nitroaniline	13.568	65	293041	48.586	ng	94
49) Acenaphthylene	14.192	152	1458171	47.812	ng	99
50) Dimethylphthalate	13.939	163	1136268	48.392	ng	99
51) 2,6-Dinitrotoluene	14.068	165	241756	49.691	ng	96
52) Acenaphthene	14.533	154	868791	47.286	ng	99
53) 3-Nitroaniline	14.398	138	203308	36.751	ng	96
54) 2,4-Dinitrophenol	14.610	184	223797	68.984	ng	92
55) Dibenzofuran	14.874	168	1376477	45.919	ng	99
56) 4-Nitrophenol	14.715	139	450633	111.137	ng	96
57) 2,4-Dinitrotoluene	14.857	165	322383	46.490	ng	92
58) Fluorene	15.521	166	1103070	46.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	309320	50.801	ng	97
60) Diethylphthalate	15.304	149	1112633	49.000	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	571386	48.217	ng	97
62) 4-Nitroaniline	15.568	138	214978	41.997	ng	98
63) Azobenzene	15.815	77	1134481	45.611	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	148458	40.643	ng	95
66) n-Nitrosodiphenylamine	15.739	169	924515	49.300	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	337954	51.119	ng	98
68) Hexachlorobenzene	16.527	284	386090	52.520	ng	97
69) Atrazine	16.704	200	330851	67.181	ng	99
70) Pentachlorophenol	16.880	266	550552	108.155	ng	99
71) Phenanthrene	17.274	178	1617853	48.292	ng	100
72) Anthracene	17.362	178	1632193	49.261	ng	99
73) Carbazole	17.645	167	1488103	49.622	ng	100
74) Di-n-butylphthalate	18.203	149	1850524	54.607	ng	100
75) Fluoranthene	19.292	202	1872456	49.749	ng	100
77) Benzidine	19.492	184	1095440	137.889	ng	100
78) Pyrene	19.656	202	1964996	48.208	ng	100
80) Butylbenzylphthalate	20.562	149	829051	55.697	ng	98
81) Benzo(a)anthracene	21.409	228	1988076	50.314	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	738849	57.303	ng	100
83) Chrysene	21.462	228	1809454	47.344	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1223460	51.559	ng #	97
85) Di-n-octyl phthalate	22.256	149	2103229	55.908	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	2392138	49.888	ng	98
88) Benzo(b)fluoranthene	23.080	252	1996374	51.527	ng	99
89) Benzo(k)fluoranthene	23.127	252	2034488	51.335	ng	99
90) Benzo(a)pyrene	23.691	252	1776051	47.708	ng	98
91) Dibenzo(a,h)anthracene	26.262	278	2019880	50.504	ng	98
92) Benzo(g,h,i)perylene	27.003	276	1916760	48.979	ng	98

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

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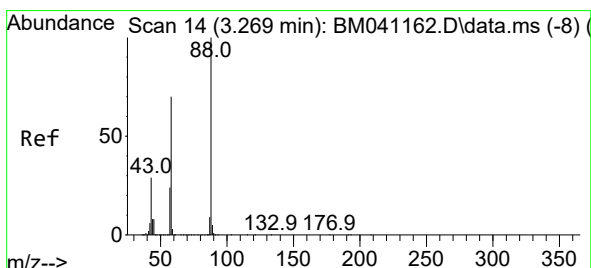
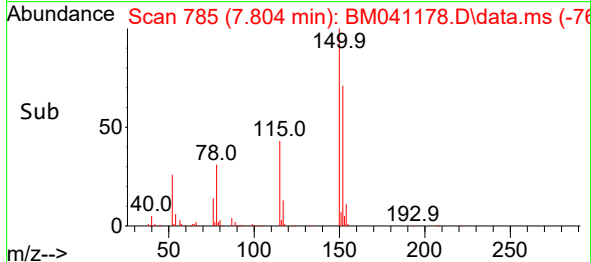
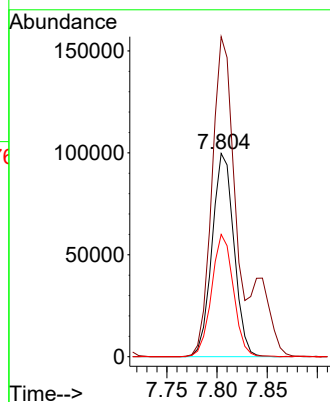
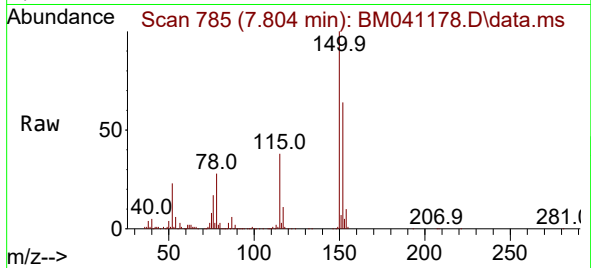




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

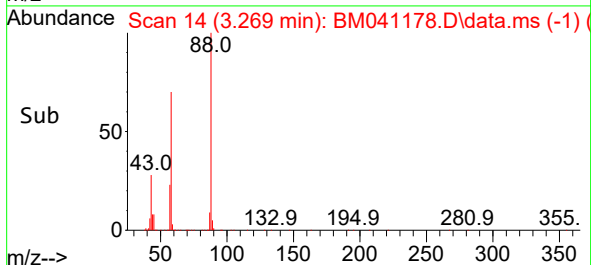
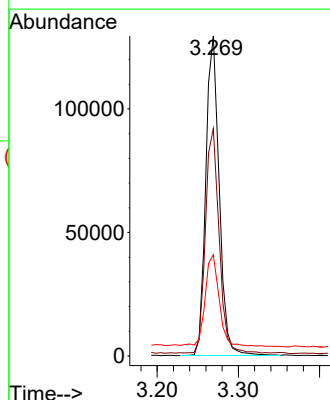
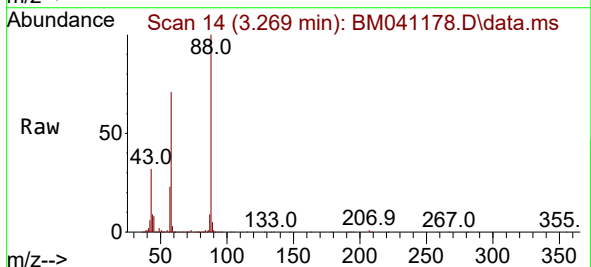
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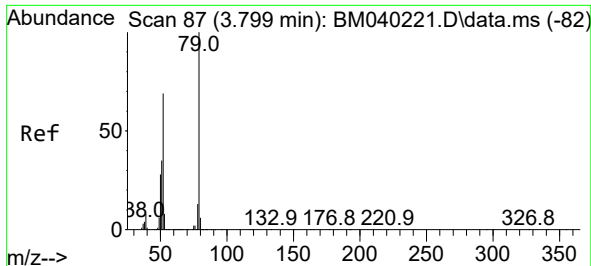
Tgt Ion:152 Resp: 151721
Ion Ratio Lower Upper
152 100
150 157.4 125.5 188.3
115 60.2 48.0 72.0



#2
1,4-Dioxane
Concen: 34.084 ng
RT: 3.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 88 Resp: 148014
Ion Ratio Lower Upper
88 100
58 71.4 58.2 87.4
43 31.0 24.4 36.6

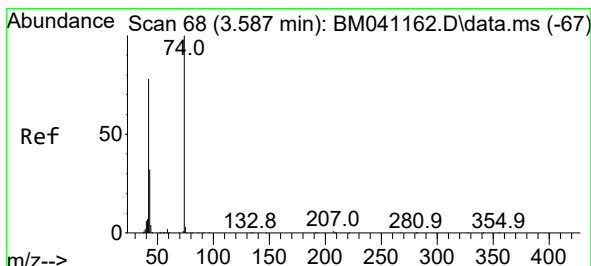
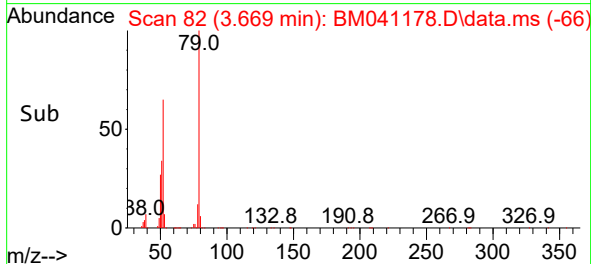
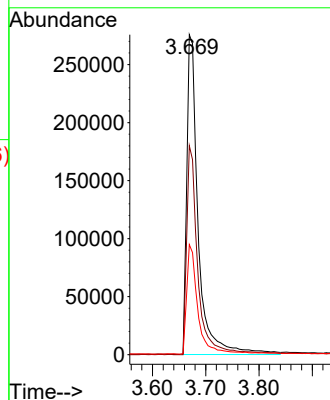
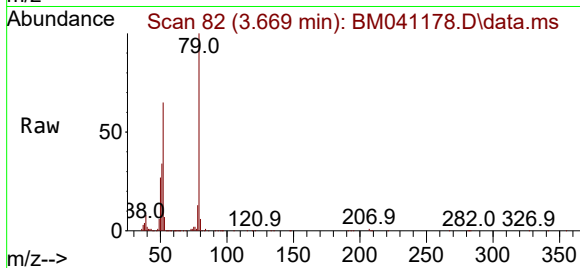




#3
 Pyridine
 Concen: 35.923 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

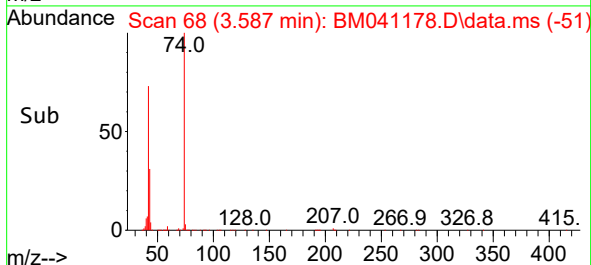
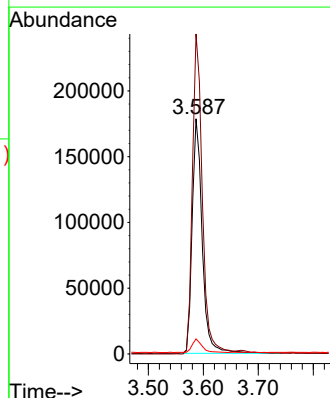
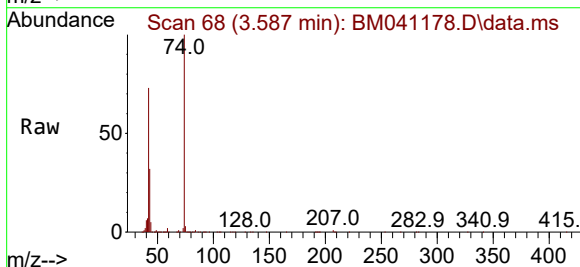
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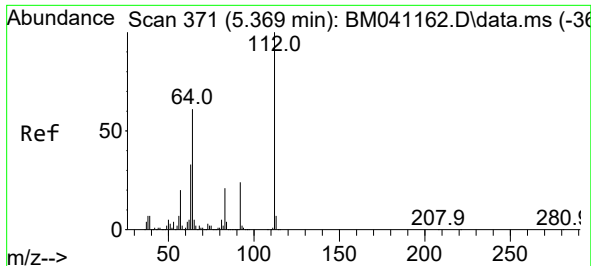
Tgt Ion: 79 Resp: 410184
 Ion Ratio Lower Upper
 79 100
 52 65.3 52.1 78.1
 51 34.4 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 42.731 ng
 RT: 3.587 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

Tgt Ion: 42 Resp: 225662
 Ion Ratio Lower Upper
 42 100
 74 136.1 100.8 151.2
 44 6.4 5.0 7.4

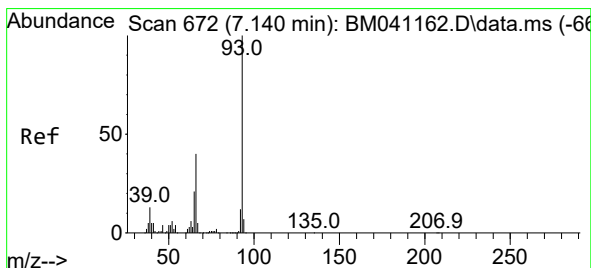
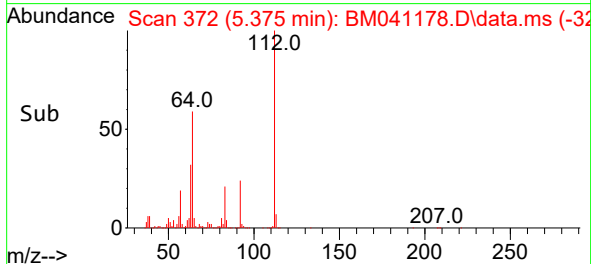
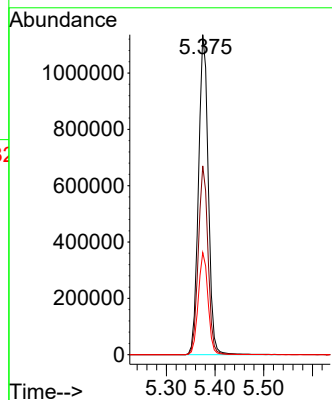
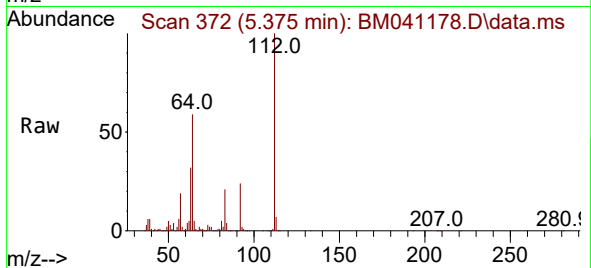




#5
2-Fluorophenol
Concen: 157.397 ng
RT: 5.375 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

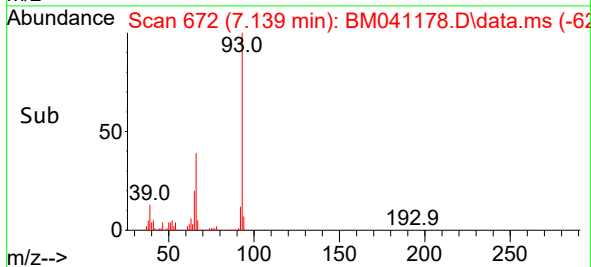
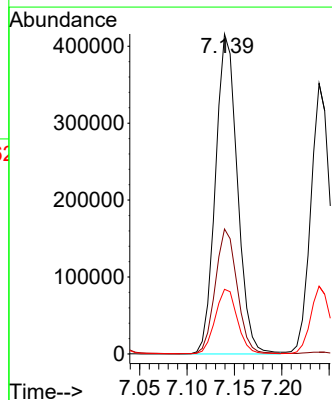
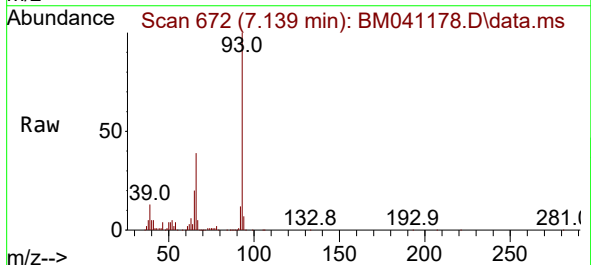
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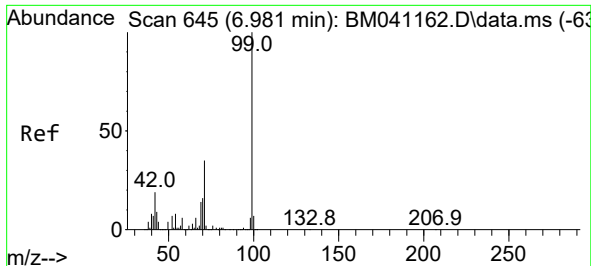
Tgt Ion:112 Resp: 1597795
Ion Ratio Lower Upper
112 100
64 59.0 48.5 72.7
63 31.9 26.5 39.7



#6
Aniline
Concen: 43.524 ng
RT: 7.139 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 93 Resp: 670255
Ion Ratio Lower Upper
93 100
66 39.1 32.0 48.0
65 20.2 16.6 24.8



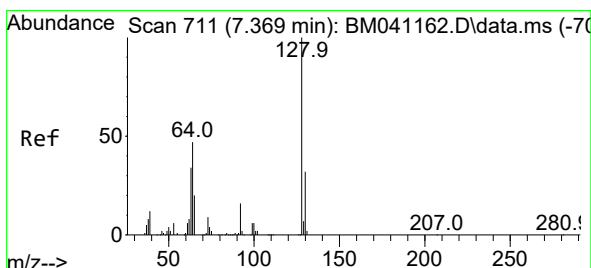
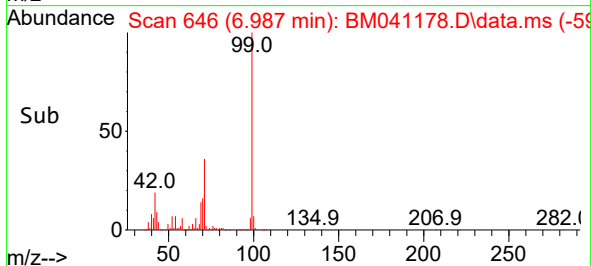
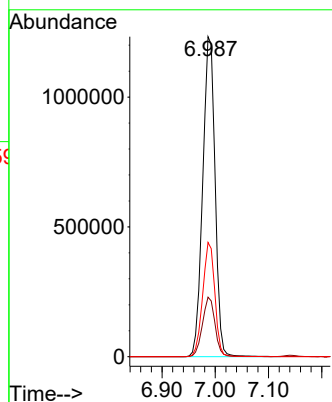
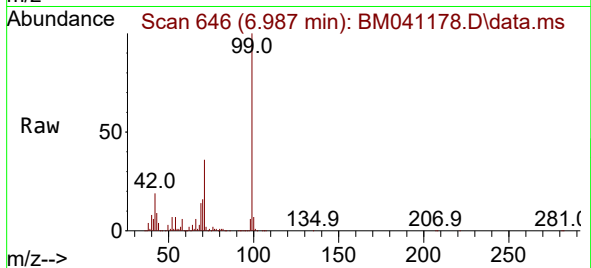


#7
Phenol-d6
Concen: 150.990 ng
RT: 6.987 min Scan# 646
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1986821

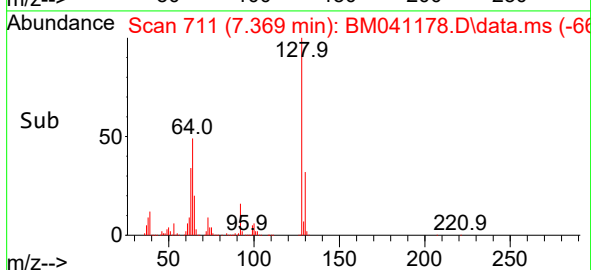
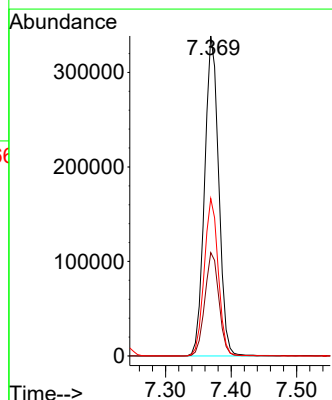
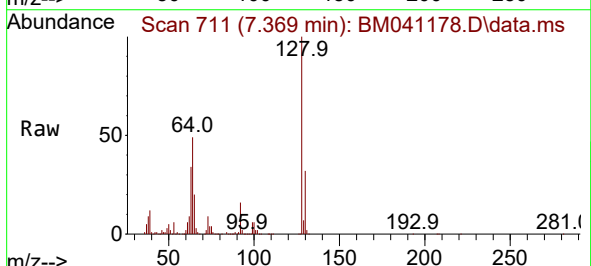
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	35.7	28.2	42.4

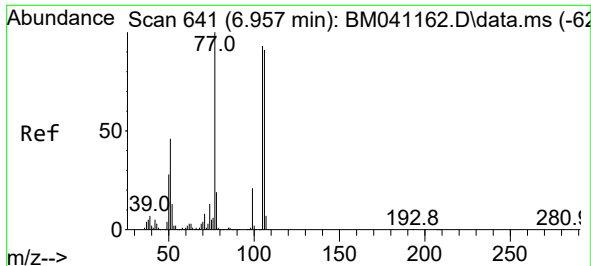


#8
2-Chlorophenol
Concen: 51.306 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 128 Resp: 508451

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	49.2	29.3	69.3

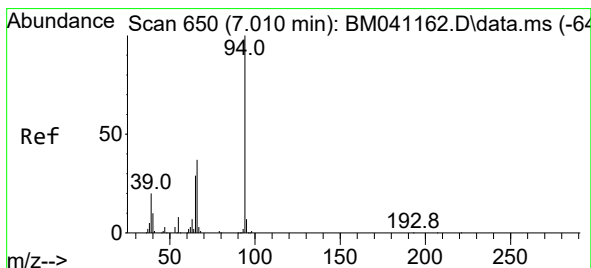
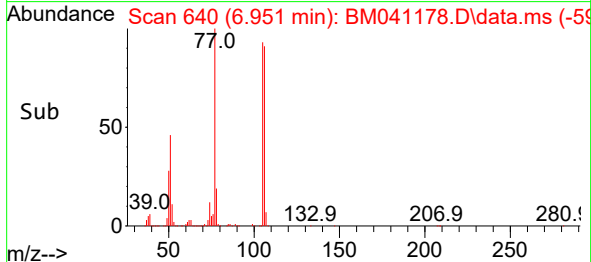
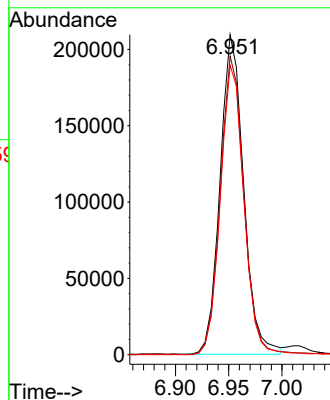
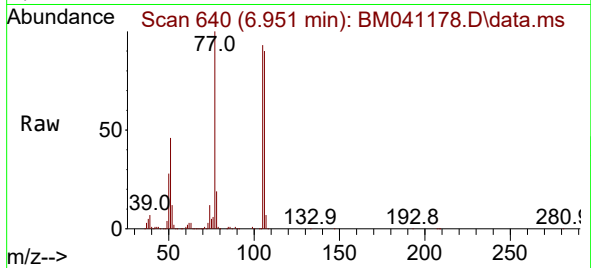




#9
Benzaldehyde
Concen: 46.335 ng
RT: 6.951 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM041178.D
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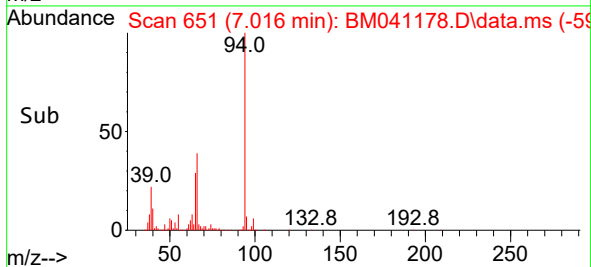
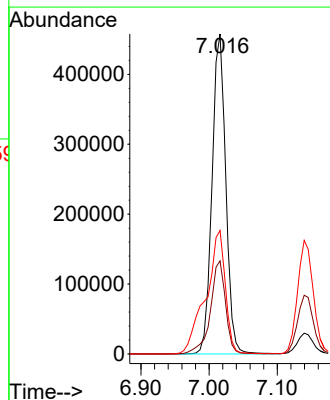
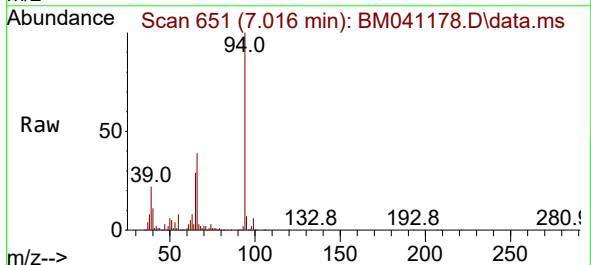
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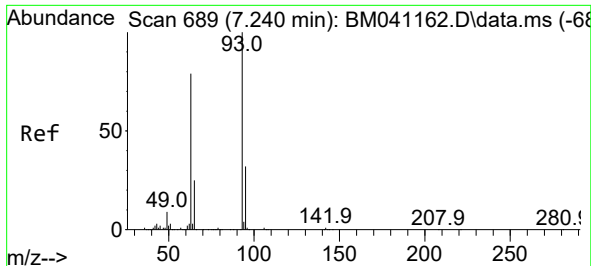
Tgt Ion: 77 Resp: 321715
Ion Ratio Lower Upper
77 100
105 93.3 72.8 112.8
106 90.5 70.8 110.8



#10
Phenol
Concen: 50.630 ng
RT: 7.016 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 94 Resp: 643461
Ion Ratio Lower Upper
94 100
65 29.1 9.5 49.5
66 38.6 18.0 58.0

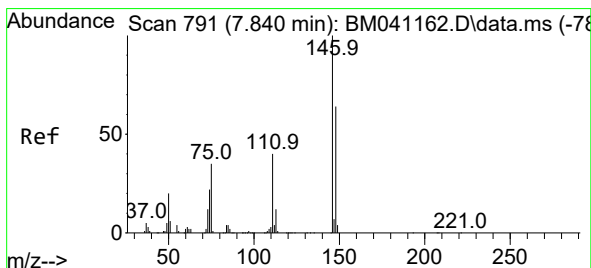
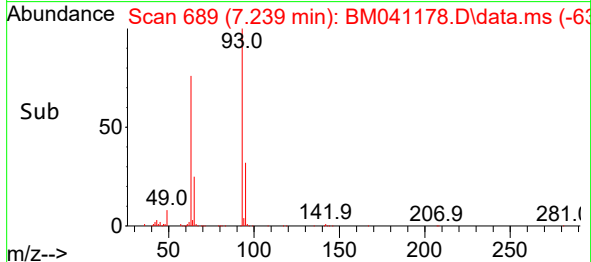
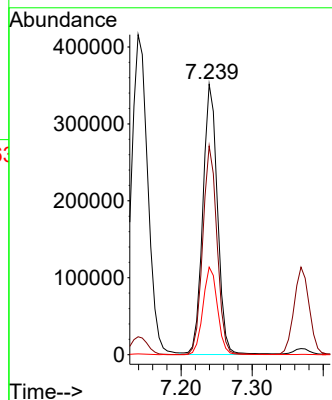
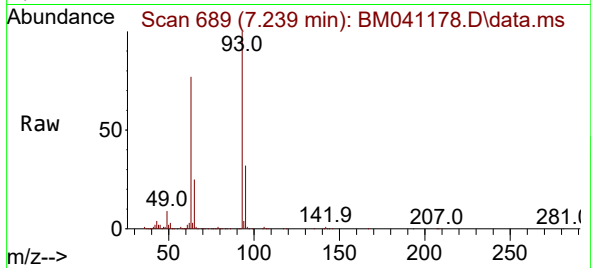




#11
bis(2-Chloroethyl)ether
Concen: 49.220 ng
RT: 7.239 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

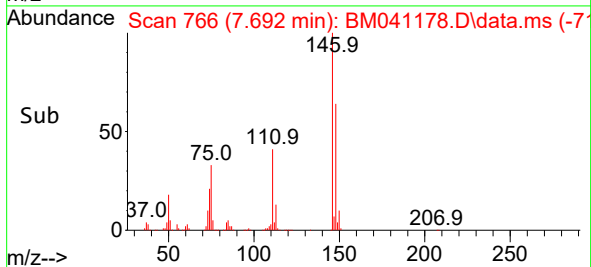
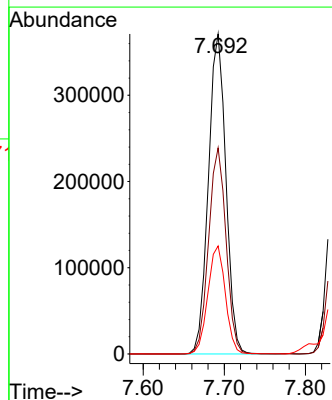
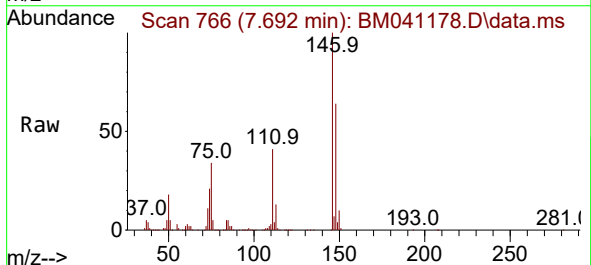
Instrument :
BNA_M
ClientSampleId :
PB154118BS

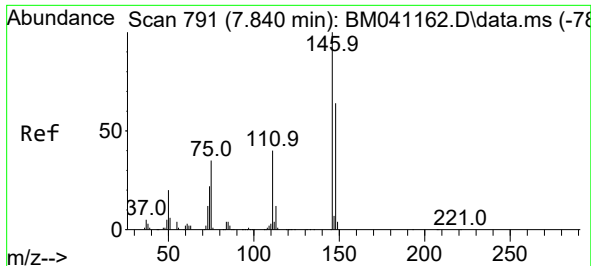
Tgt Ion: 93 Resp: 506350
Ion Ratio Lower Upper
93 100
63 77.1 58.8 98.8
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 51.452 ng
RT: 7.692 min Scan# 766
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 146 Resp: 555043
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 33.7 28.3 42.5

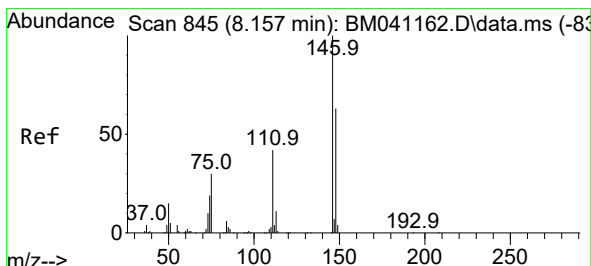
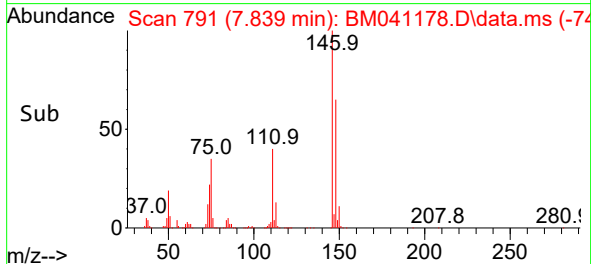
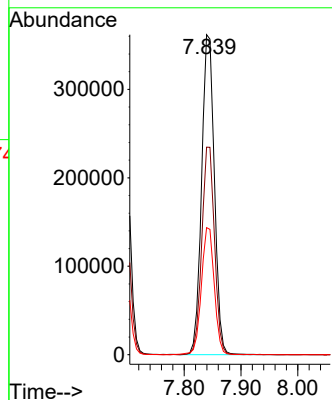
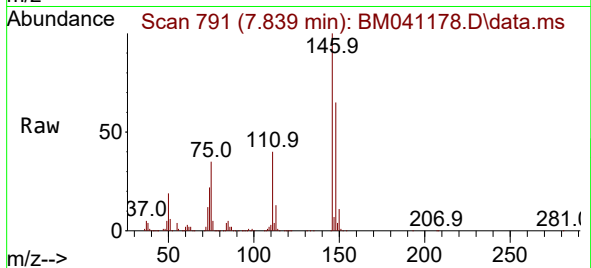




#13
1,4-Dichlorobenzene
Concen: 52.077 ng
RT: 7.839 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

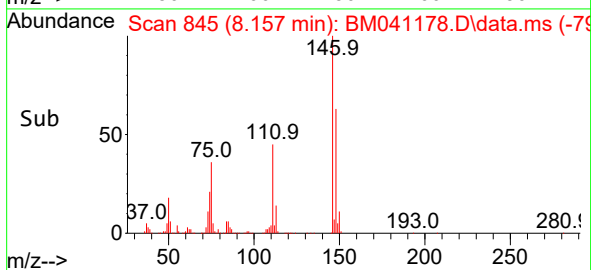
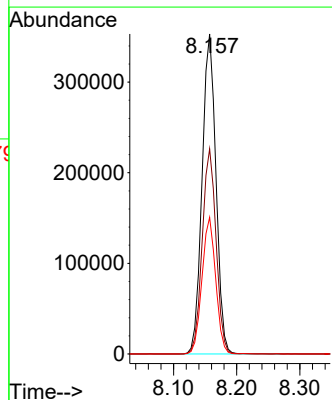
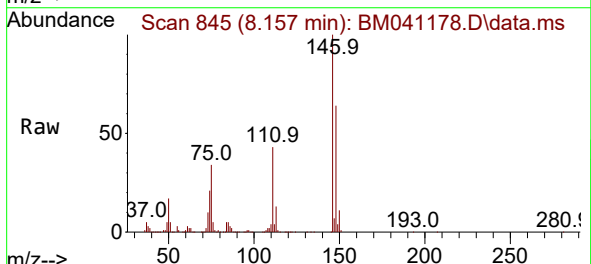
Instrument :
BNA_M
ClientSampleId :
PB154118BS

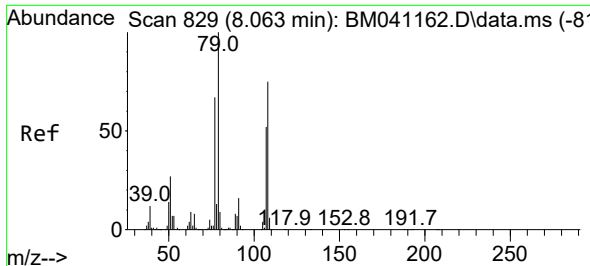
Tgt Ion:146 Resp: 564654
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
111 39.7 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 51.934 ng
RT: 8.157 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:146 Resp: 539917
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 42.7 33.8 50.6

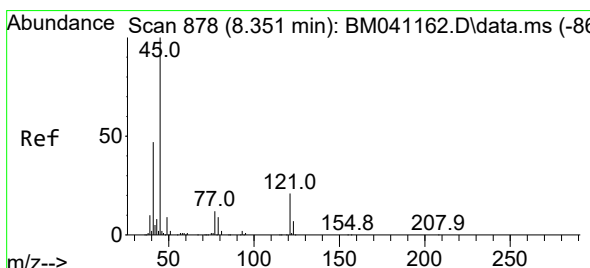
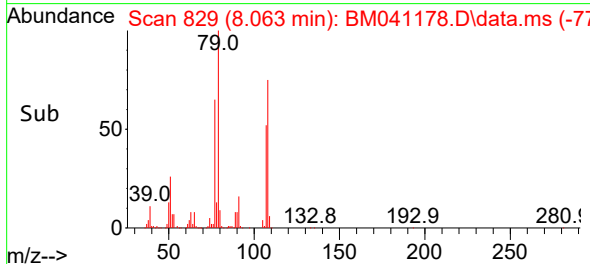
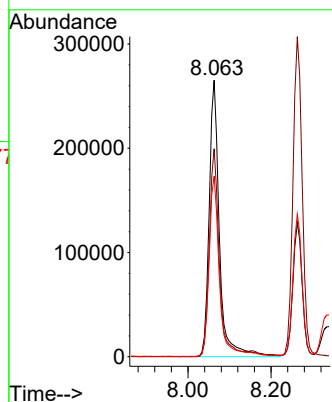
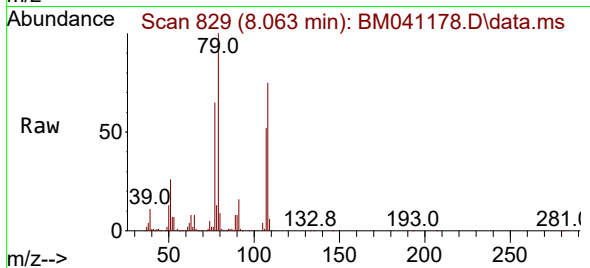




#15
Benzyl Alcohol
Concen: 54.828 ng
RT: 8.063 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

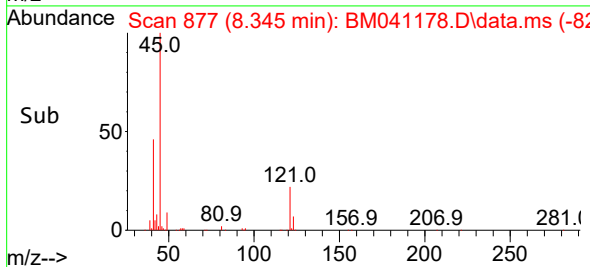
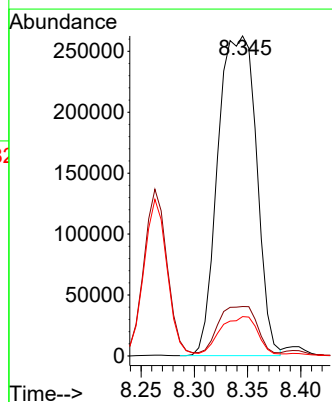
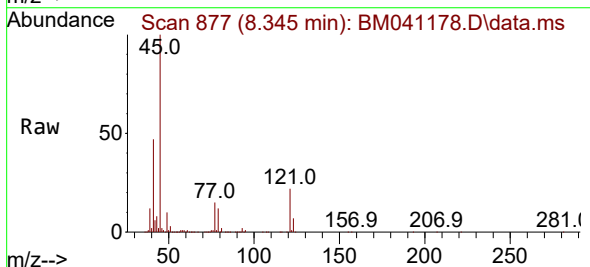
Instrument :
BNA_M
ClientSampleId :
PB154118BS

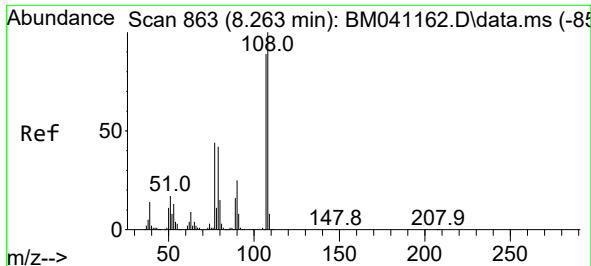
Tgt Ion: 79 Resp: 455612
Ion Ratio Lower Upper
79 100
108 75.2 59.8 89.8
77 65.3 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.102 ng
RT: 8.345 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 45 Resp: 659333
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.5
79 12.3 0.0 32.1

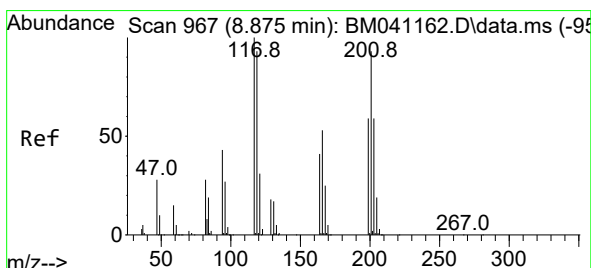
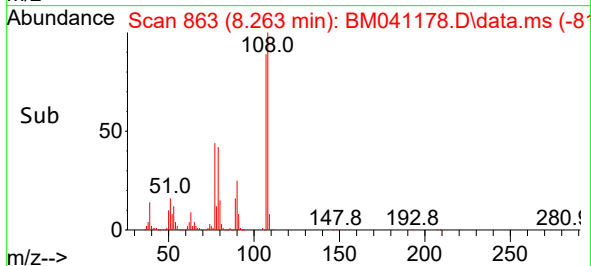
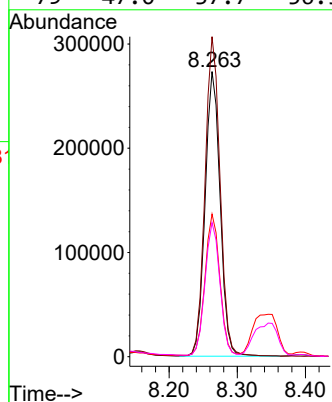
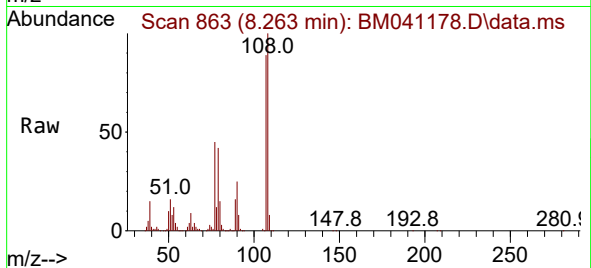




#17
2-Methylphenol
Concen: 48.264 ng
RT: 8.263 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

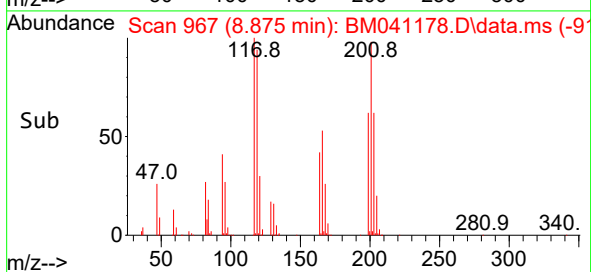
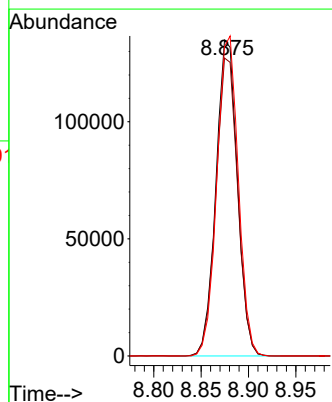
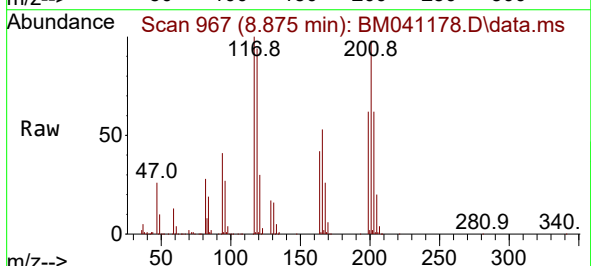
Instrument :
BNA_M
ClientSampleId :
PB154118BS

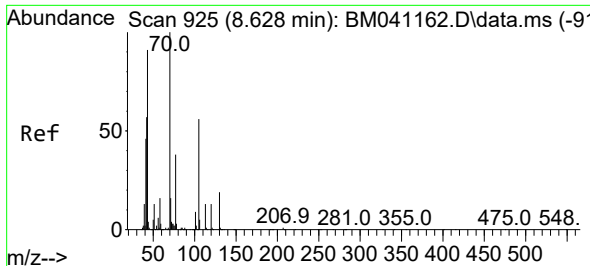
Tgt Ion:	107	Resp:	419067
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.9	134.9
77	50.0	39.8	59.8
79	47.0	37.7	56.5



#18
Hexachloroethane
Concen: 52.786 ng
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:	117	Resp:	213078
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.2	111.4
201	98.1	74.5	111.7

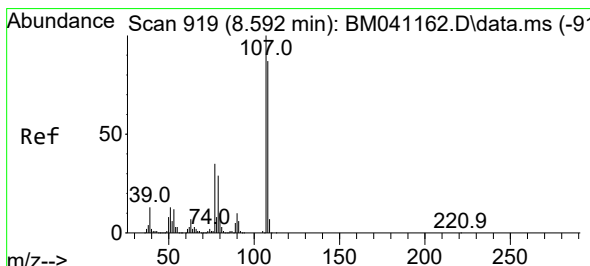
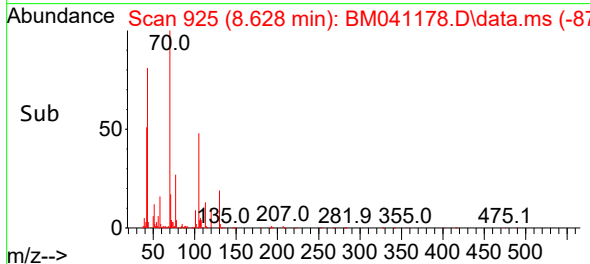
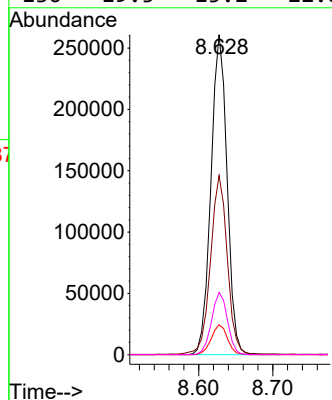
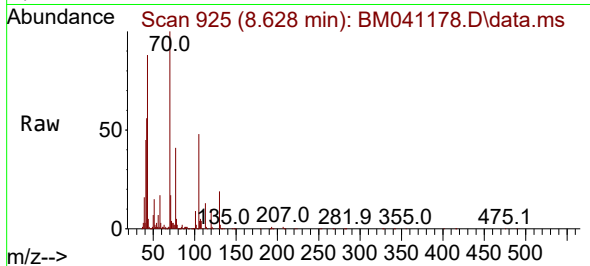




#19
n-Nitroso-di-n-propylamine
Concen: 49.336 ng
RT: 8.628 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

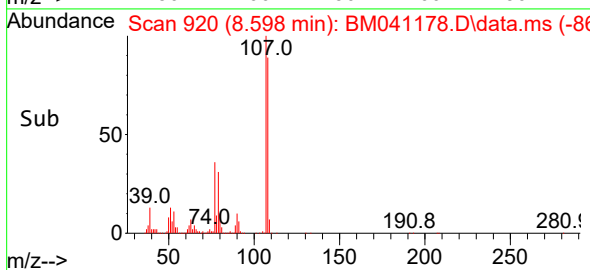
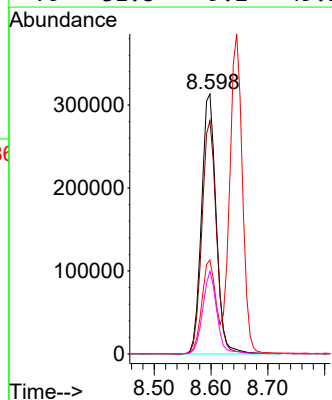
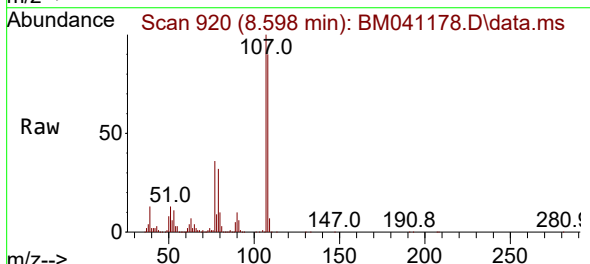
Instrument :
BNA_M
ClientSampleId :
PB154118BS

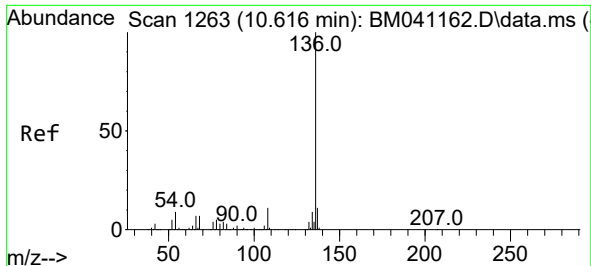
Tgt Ion:	70	Resp:	394317
Ion	Ratio	Lower	Upper
70	100		
42	56.0	45.8	68.8
101	9.3	7.4	11.0
130	19.5	15.2	22.8



#20
3+4-Methylphenols
Concen: 48.406 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:	107	Resp:	561964
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.2	107.2
77	36.2	15.4	55.4
79	31.8	9.2	49.2

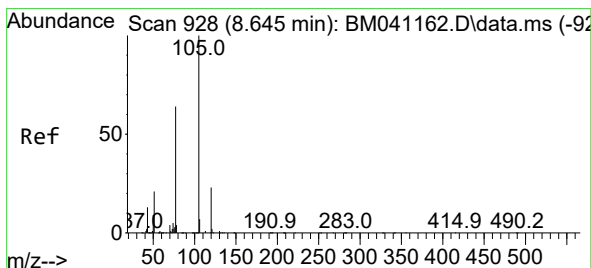
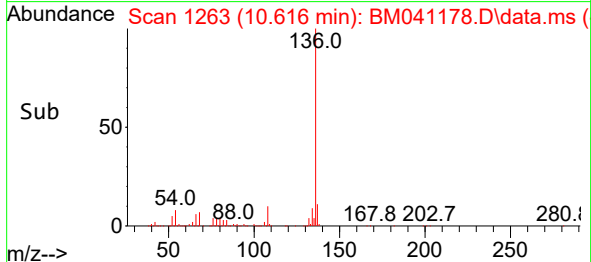
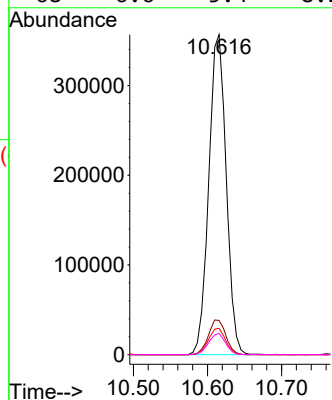
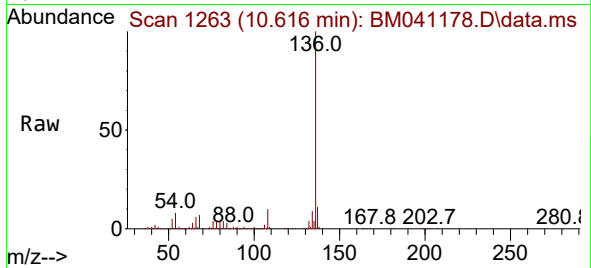




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

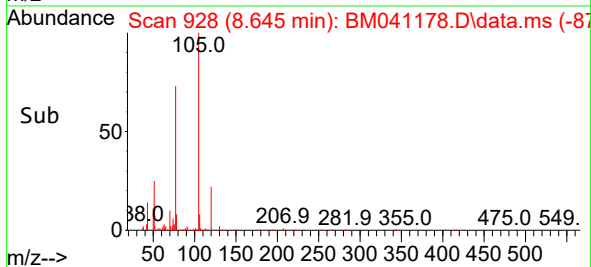
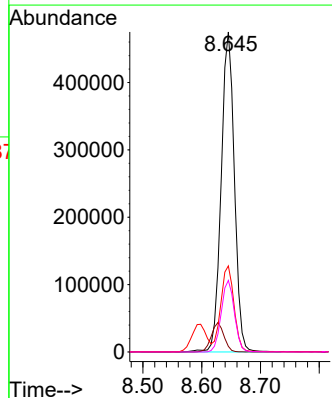
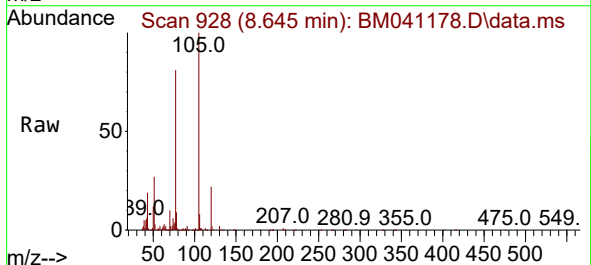
Instrument :
BNA_M
ClientSampleId :
PB154118BS

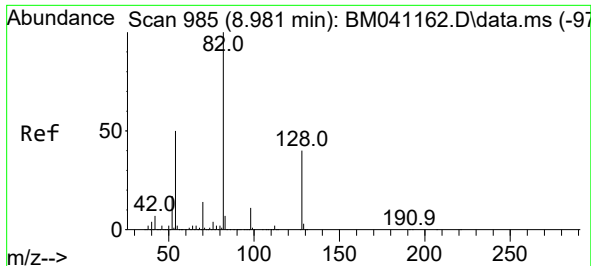
Tgt Ion:	136	Resp:	582476
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	8.2	6.9	10.3
68	6.6	5.4	8.2



#22
Acetophenone
Concen: 48.078 ng
RT: 8.645 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:	105	Resp:	741675
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.2	1.8
51	26.9	22.0	33.0
120	22.3	18.0	27.0

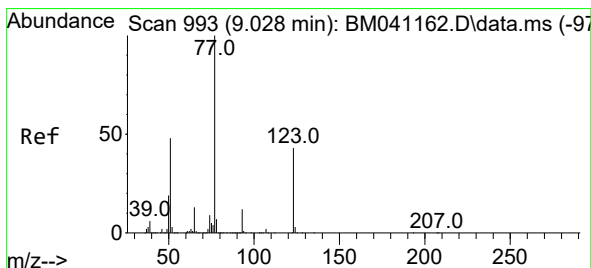
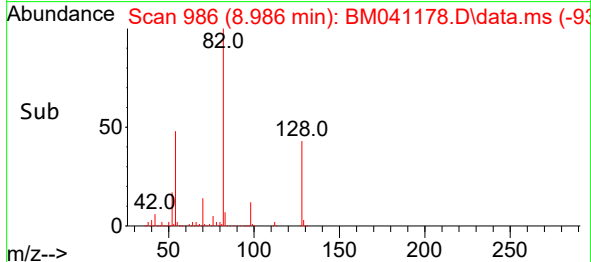
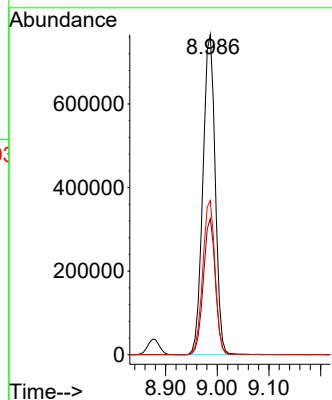
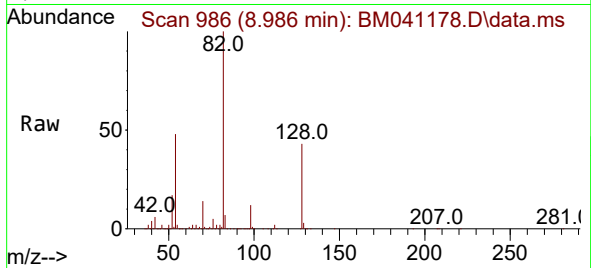




#23
Nitrobenzene-d5
Concen: 101.220 ng
RT: 8.986 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

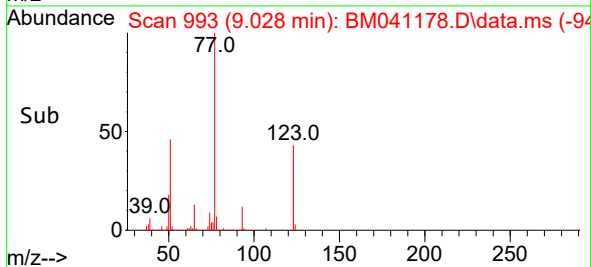
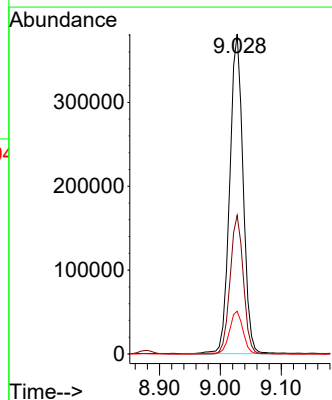
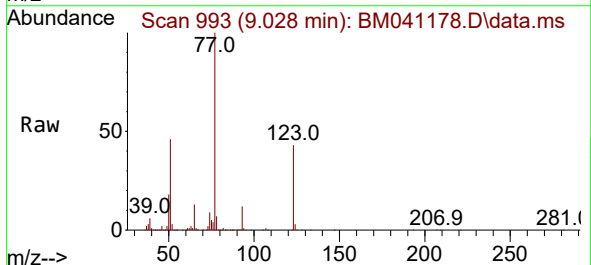
Instrument :
BNA_M
ClientSampleId :
PB154118BS

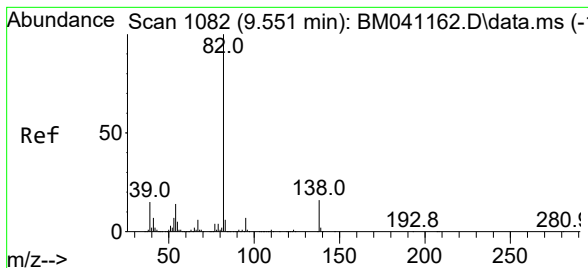
Tgt Ion: 82 Resp: 1267798
Ion Ratio Lower Upper
82 100
128 42.5 31.8 47.6
54 48.2 40.1 60.1



#24
Nitrobenzene
Concen: 45.852 ng
RT: 9.028 min Scan# 993
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 77 Resp: 580784
Ion Ratio Lower Upper
77 100
123 43.3 34.2 51.2
65 13.3 10.7 16.1





#25

Isophorone

Concen: 48.586 ng

RT: 9.551 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

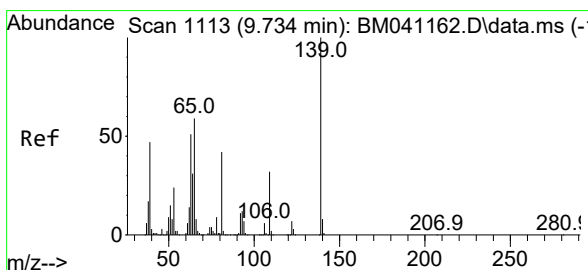
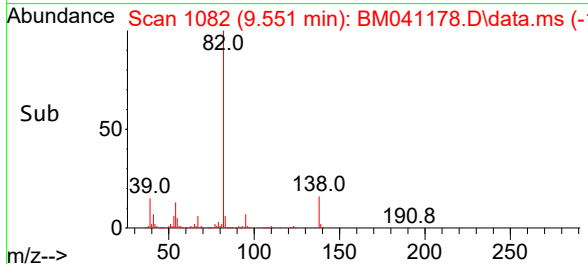
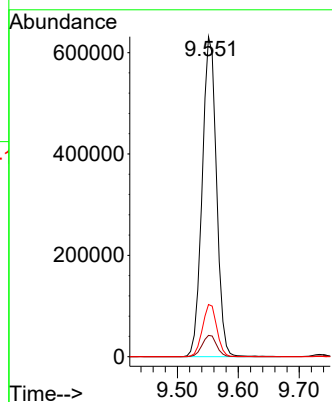
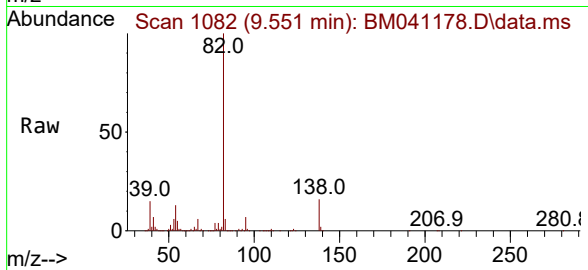
Tgt Ion: 82 Resp: 1033011

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 16.3 12.8 19.2



#26

2-Nitrophenol

Concen: 52.569 ng

RT: 9.733 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

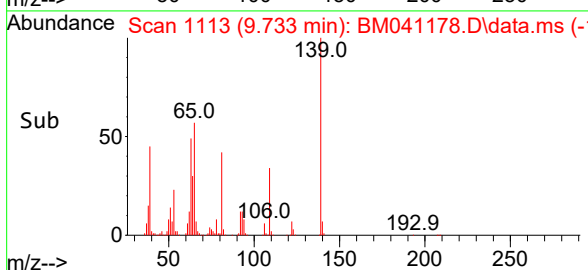
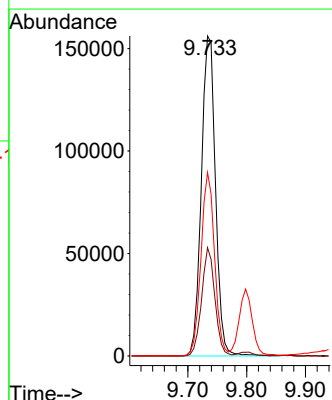
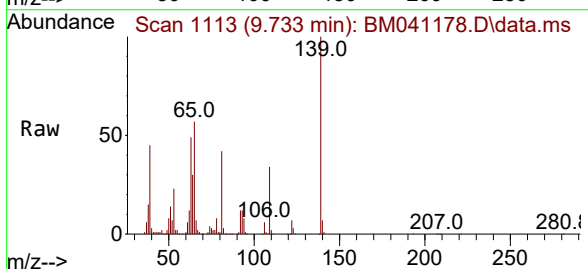
Tgt Ion: 139 Resp: 260300

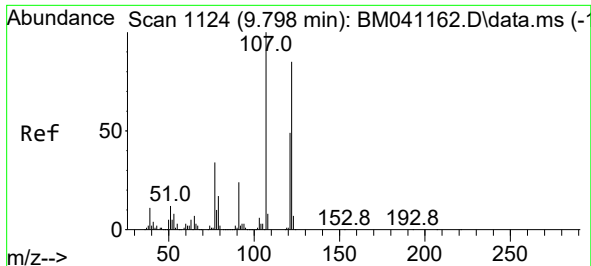
Ion Ratio Lower Upper

139 100

109 33.9 25.4 38.2

65 57.4 47.2 70.8

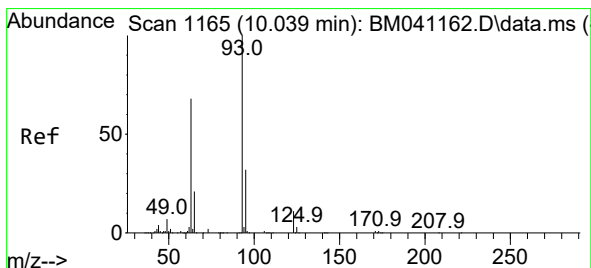
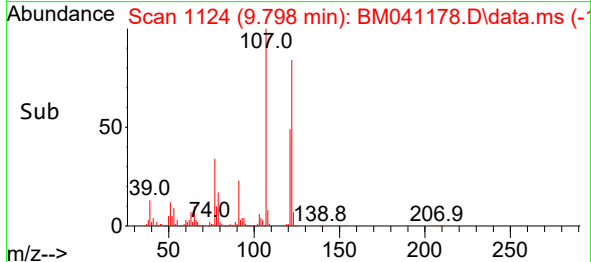
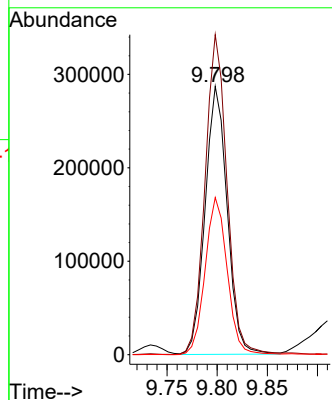
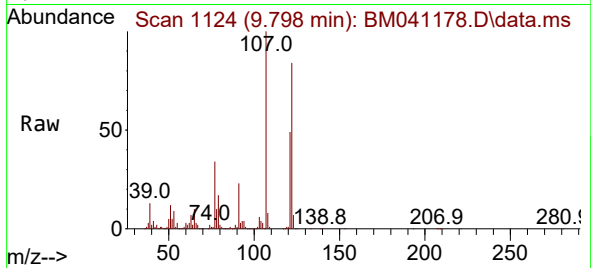




#27
2,4-Dimethylphenol
Concen: 50.563 ng
RT: 9.798 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

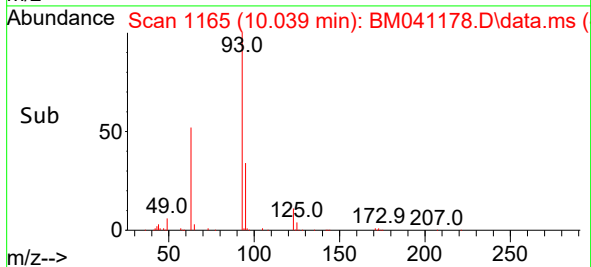
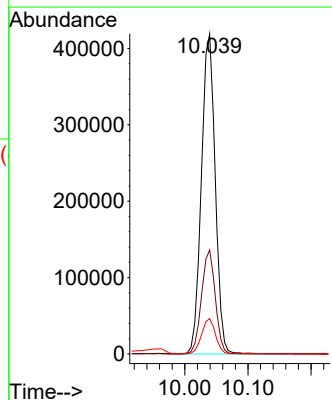
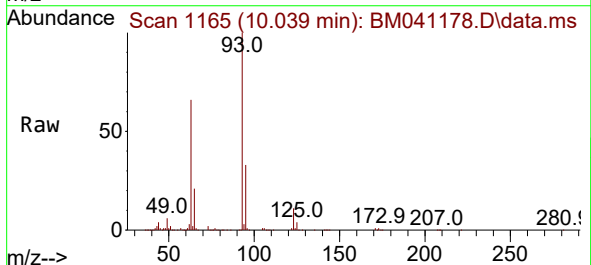
Instrument :
BNA_M
ClientSampleId :
PB154118BS

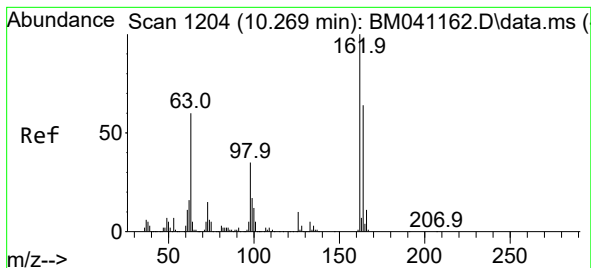
Tgt Ion:122 Resp: 440568
Ion Ratio Lower Upper
122 100
107 119.3 94.3 141.5
121 58.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.910 ng
RT: 10.039 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 93 Resp: 638080
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.1 9.1 13.7

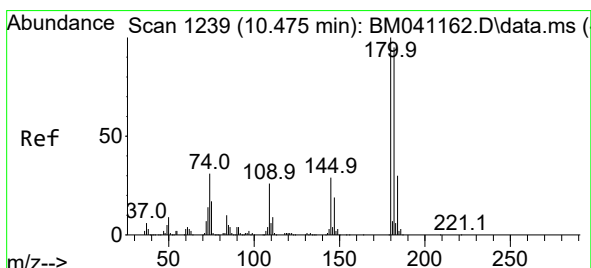
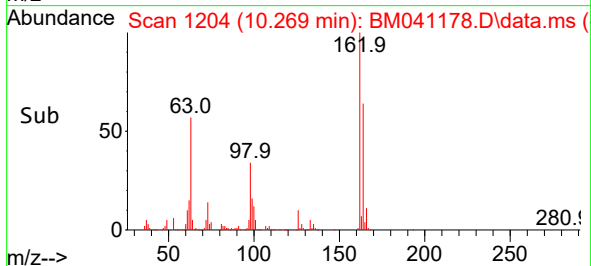
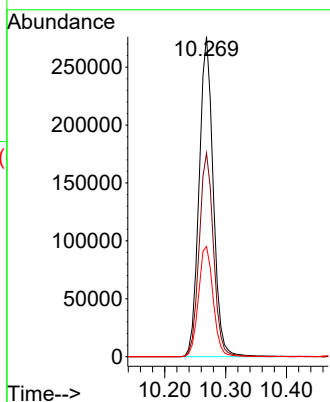
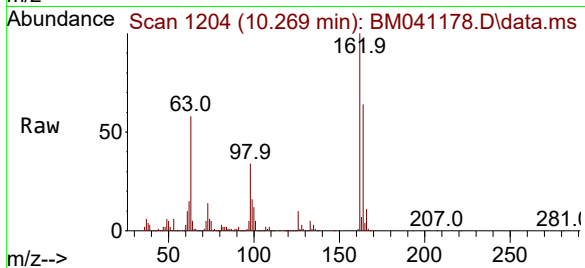




#29
2,4-Dichlorophenol
Concen: 50.743 ng
RT: 10.269 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

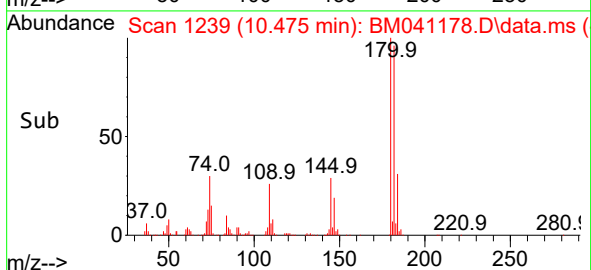
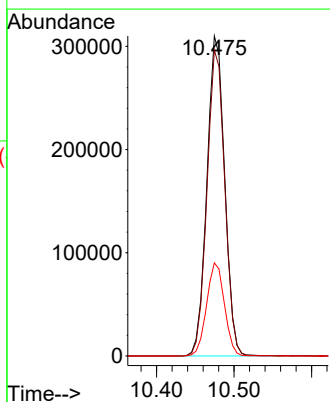
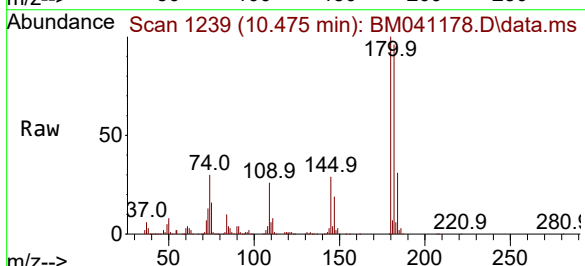
Instrument :
BNA_M
ClientSampleId :
PB154118BS

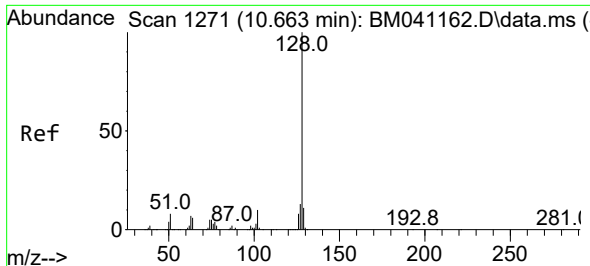
Tgt Ion:162 Resp: 445864
Ion Ratio Lower Upper
162 100
164 63.6 44.3 84.3
98 34.5 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 50.914 ng
RT: 10.475 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:180 Resp: 494270
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 29.1 23.6 35.4

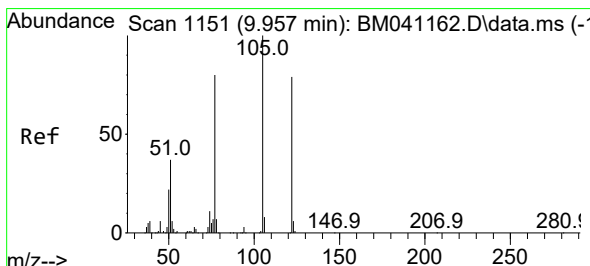
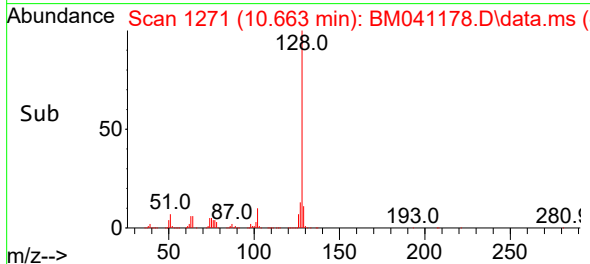
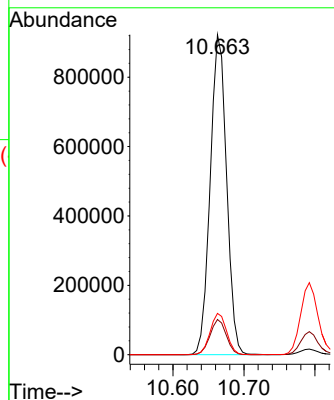
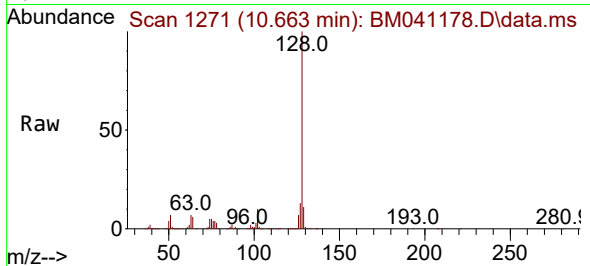




#31
Naphthalene
Concen: 46.700 ng
RT: 10.663 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

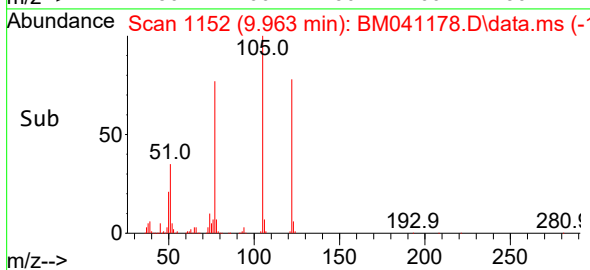
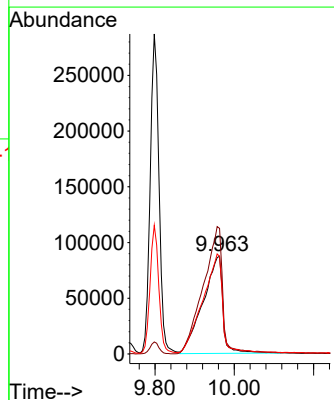
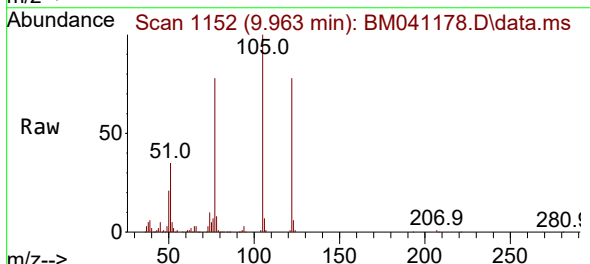
Instrument :
BNA_M
ClientSampleId :
PB154118BS

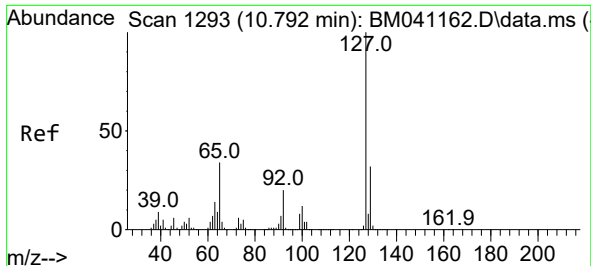
Tgt Ion:128 Resp: 1476111
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 46.597 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:122 Resp: 303321
Ion Ratio Lower Upper
122 100
105 128.3 104.0 144.0
77 99.7 79.9 119.9

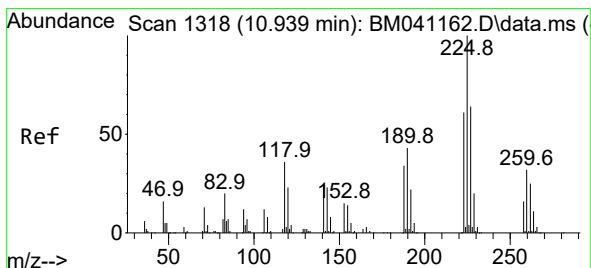
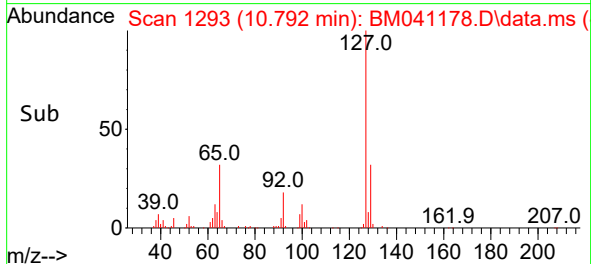
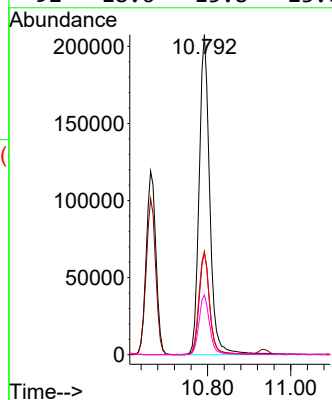
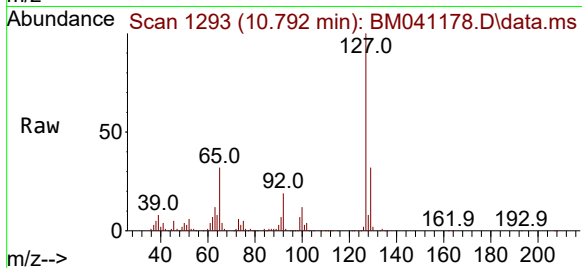




#33
4-Chloroaniline
Concen: 29.142 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

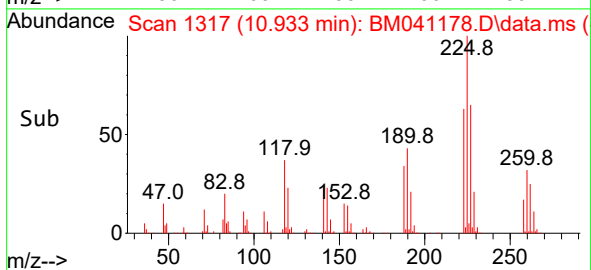
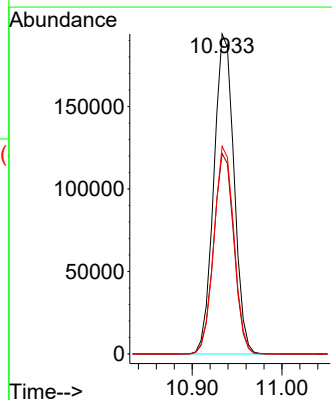
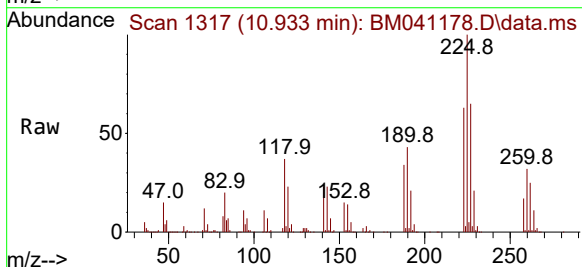
Instrument :
BNA_M
ClientSampleId :
PB154118BS

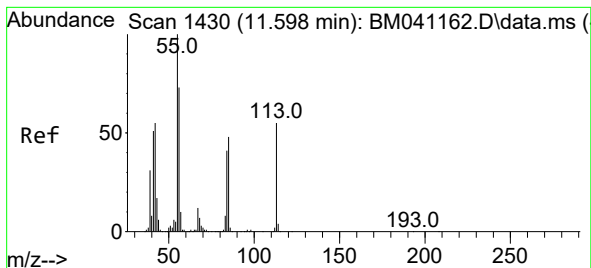
Tgt Ion:	127	Resp:	368121
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.3	26.9	40.3
92	18.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 51.862 ng
RT: 10.933 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:	225	Resp:	302807
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.4
227	64.8	50.8	76.2





#35

Caprolactam

Concen: 25.536 ng

RT: 11.604 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

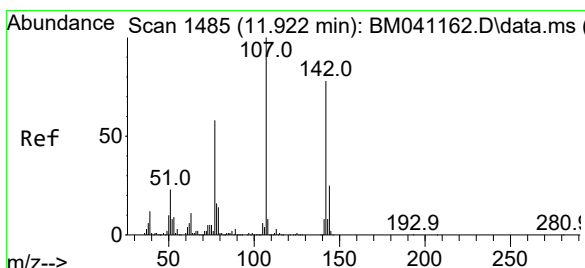
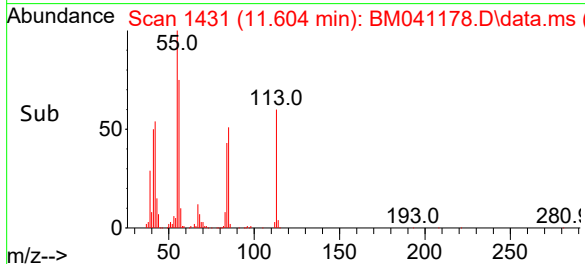
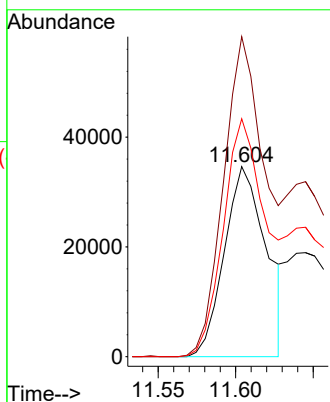
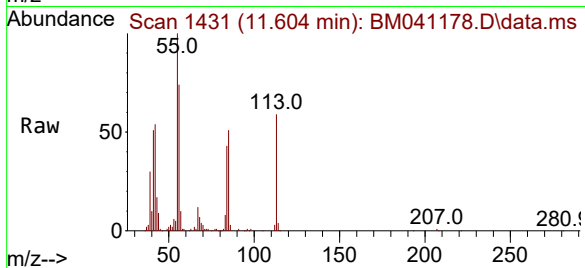
Tgt Ion:113 Resp: 64909

Ion Ratio Lower Upper

113 100

55 168.3 162.5 202.5

56 125.2 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 48.441 ng

RT: 11.922 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

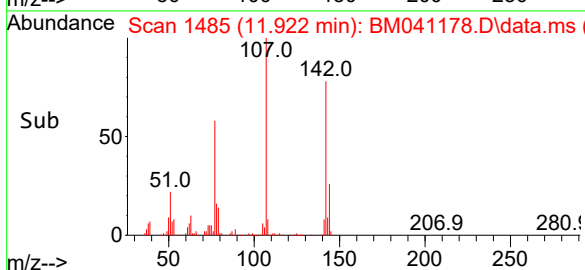
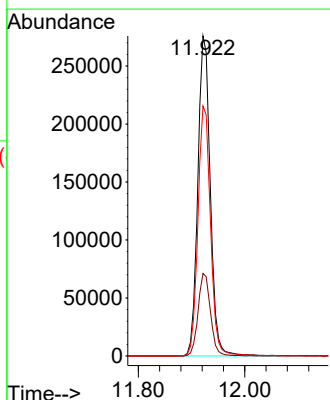
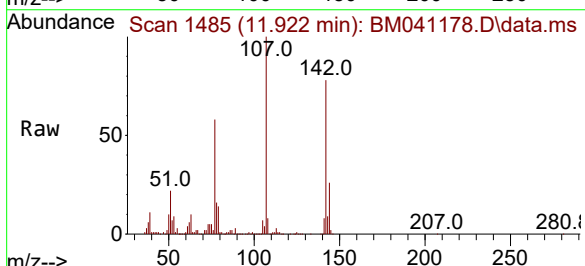
Tgt Ion:107 Resp: 448000

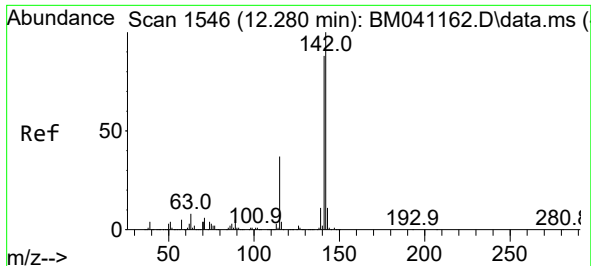
Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

142 78.1 62.2 93.4





#37

2-Methylnaphthalene

Concen: 45.707 ng

RT: 12.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

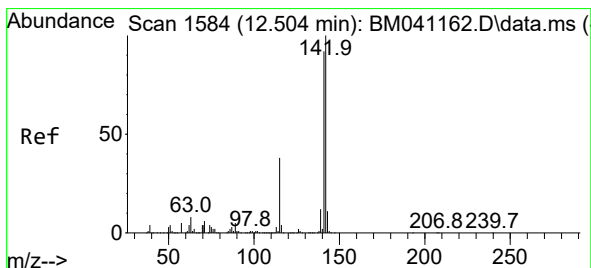
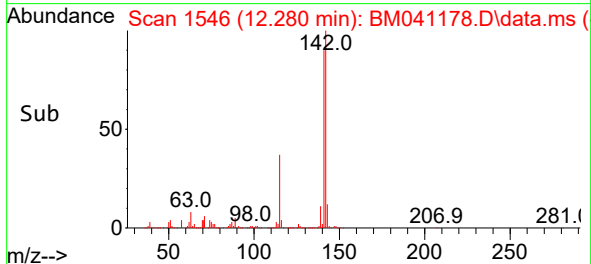
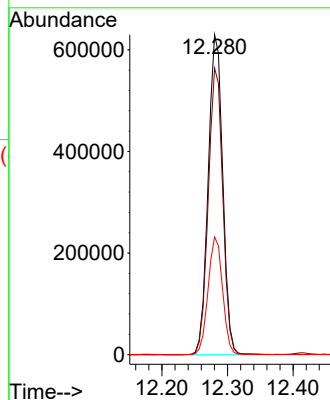
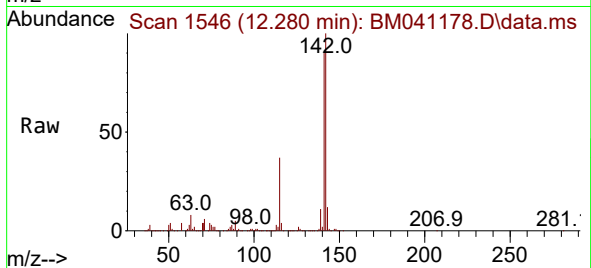
Tgt Ion:142 Resp: 974006

Ion Ratio Lower Upper

142 100

141 89.6 70.7 106.1

115 36.8 29.3 43.9



#38

1-Methylnaphthalene

Concen: 45.689 ng

RT: 12.504 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

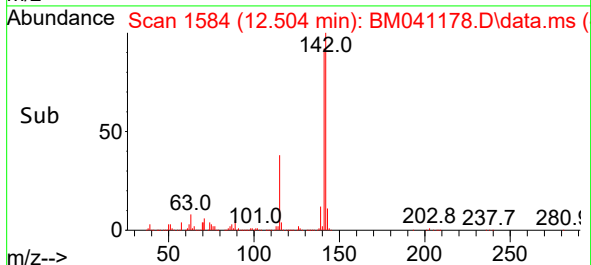
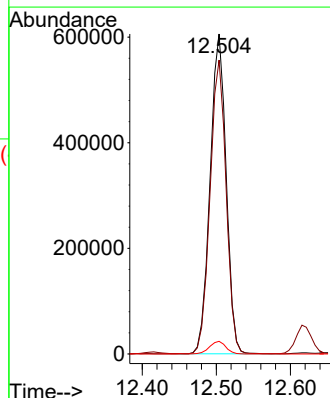
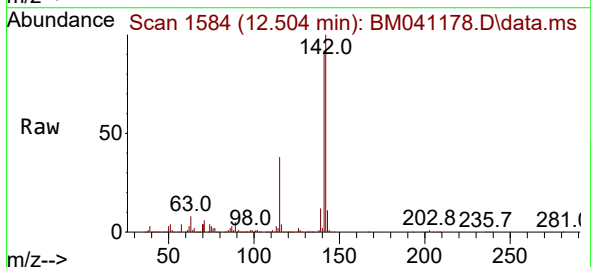
Tgt Ion:142 Resp: 911250

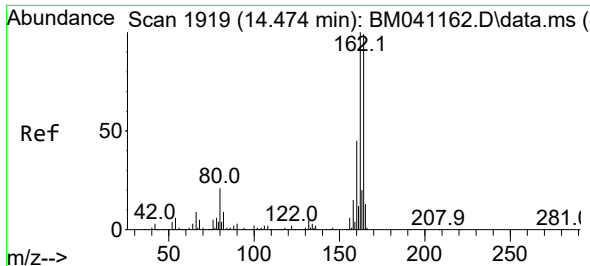
Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

116 3.9 3.2 4.8

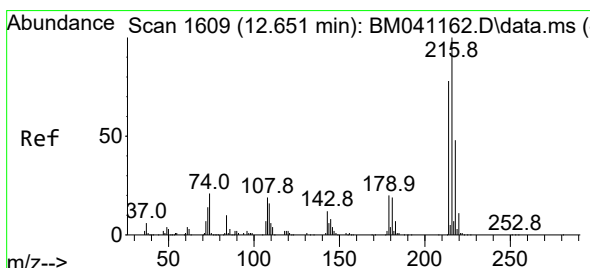
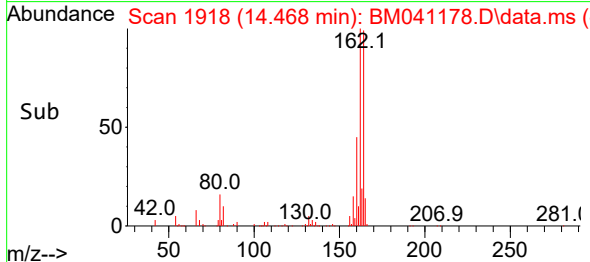
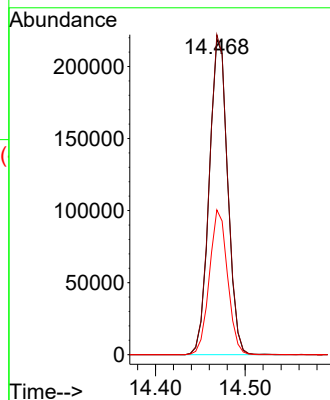
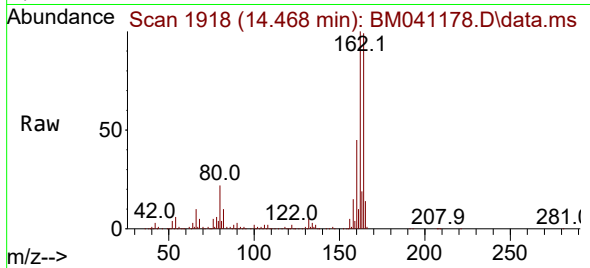




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

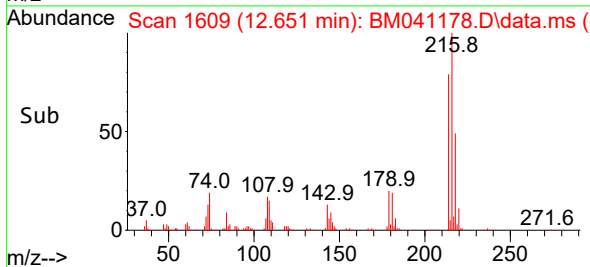
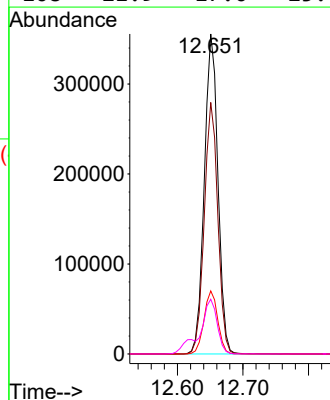
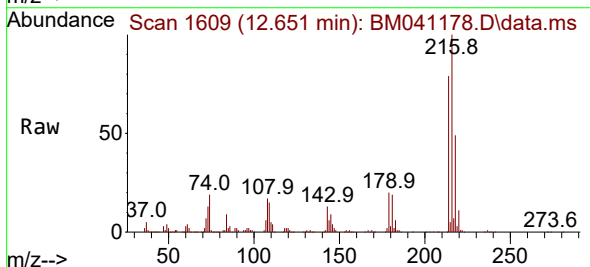
Instrument :
BNA_M
ClientSampleId :
PB154118BS

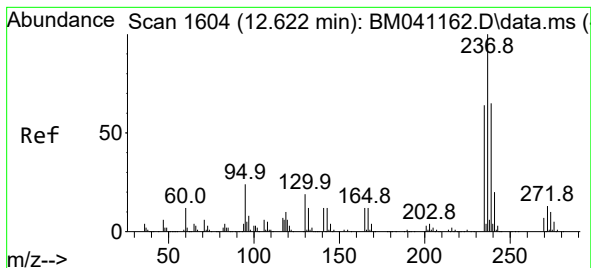
Tgt Ion:164 Resp: 312153
Ion Ratio Lower Upper
164 100
162 101.4 80.4 120.6
160 45.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.771 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:216 Resp: 514616
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.8 16.2 24.2
108 21.9 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 127.592 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.001 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

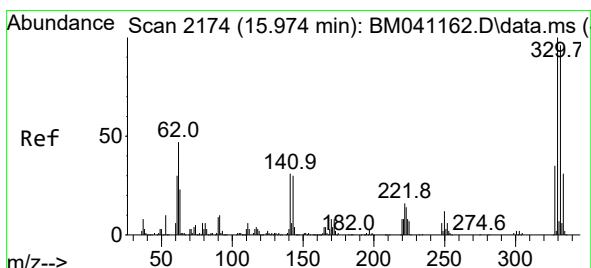
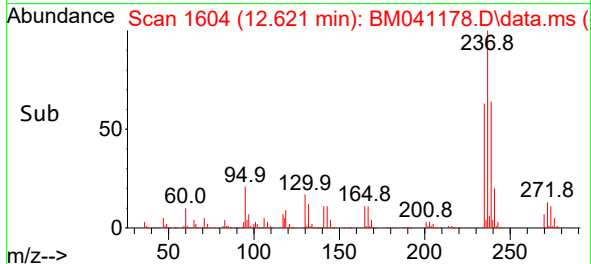
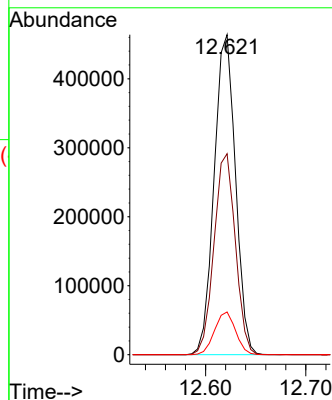
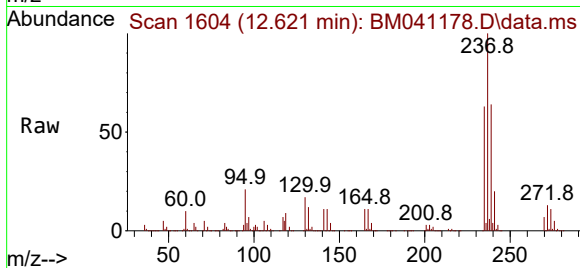
Tgt Ion:237 Resp: 684199

Ion Ratio Lower Upper

237 100

235 62.8 43.6 83.6

272 13.3 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 160.934 ng

RT: 15.974 min Scan# 2174

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

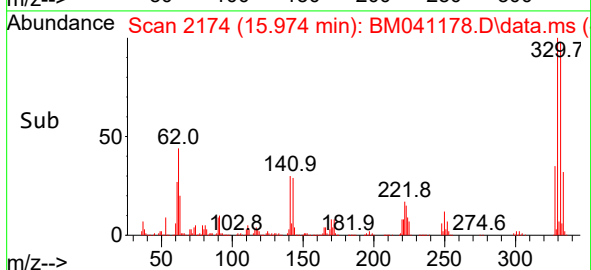
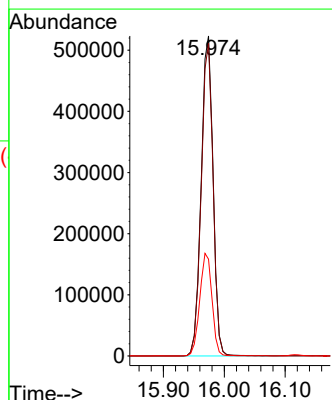
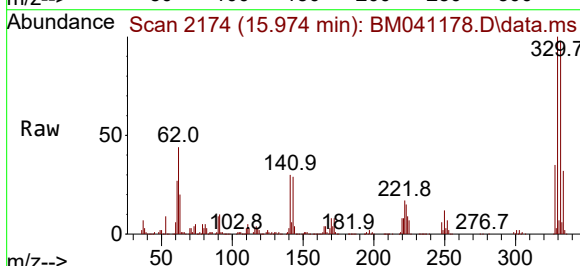
Tgt Ion:330 Resp: 710563

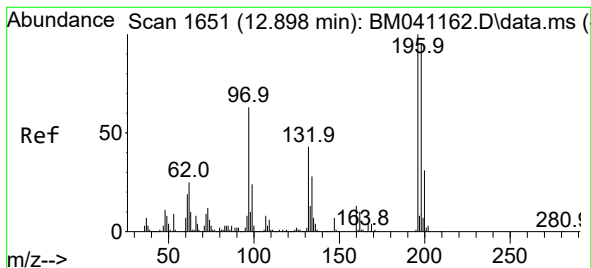
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 33.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 52.278 ng

RT: 12.904 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

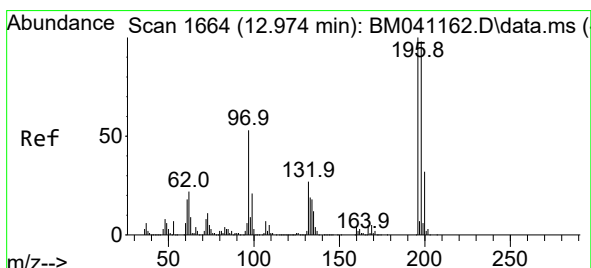
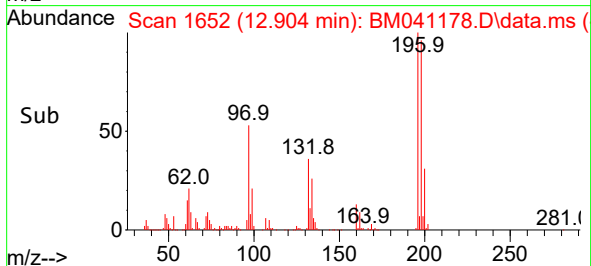
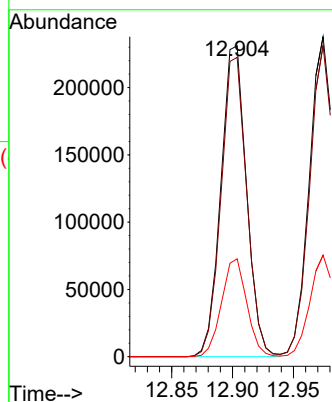
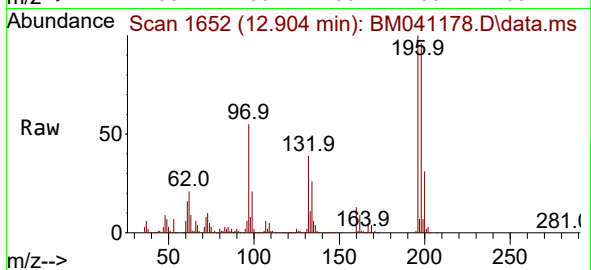
Tgt Ion:196 Resp: 339628

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.4

200 31.5 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.470 ng

RT: 12.974 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Tgt Ion:196 Resp: 356940

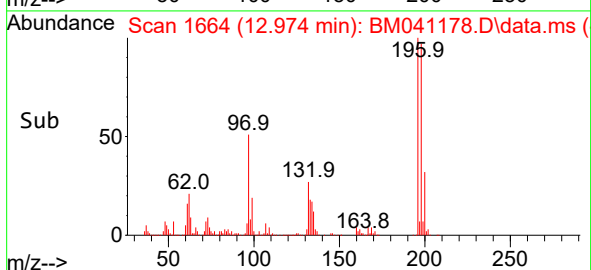
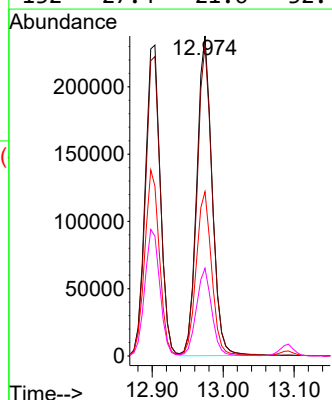
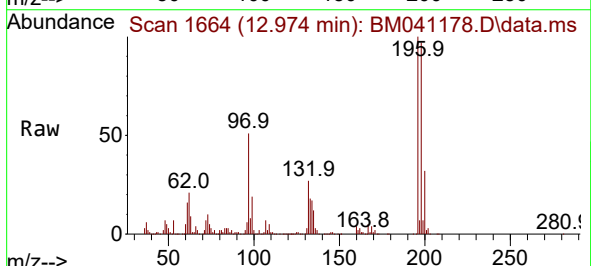
Ion Ratio Lower Upper

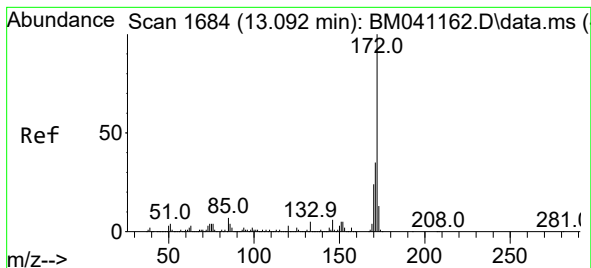
196 100

198 97.2 78.2 117.4

97 51.4 42.7 64.1

132 27.4 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 105.214 ng

RT: 13.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

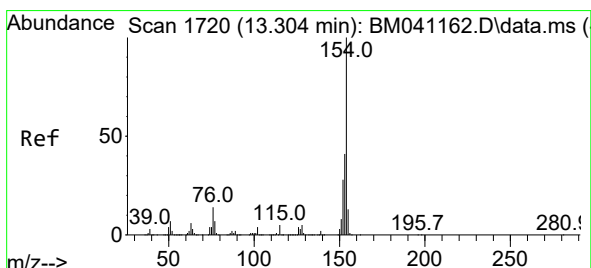
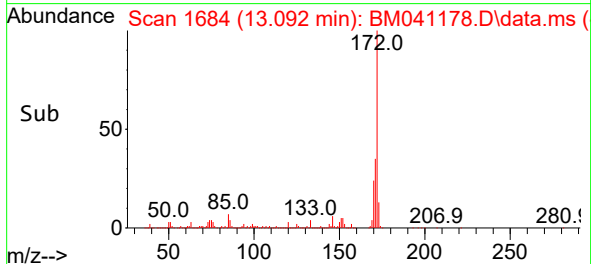
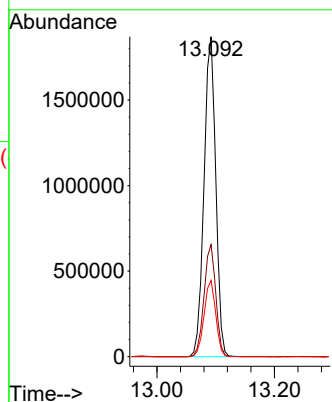
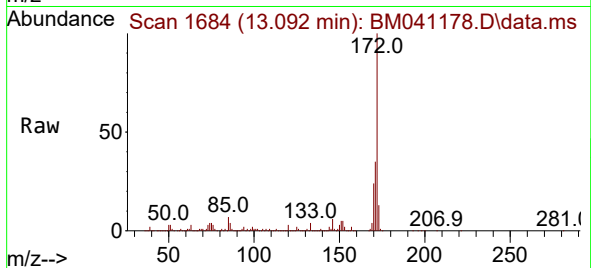
Tgt Ion:172 Resp: 2599882

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.100 ng

RT: 13.304 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

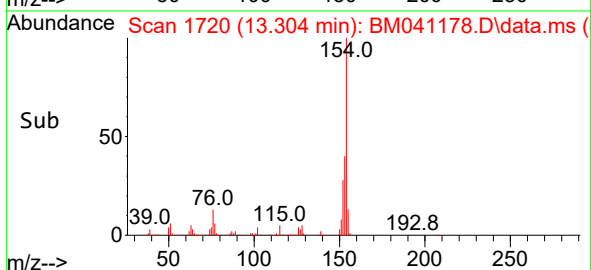
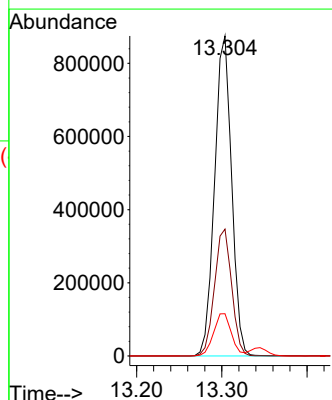
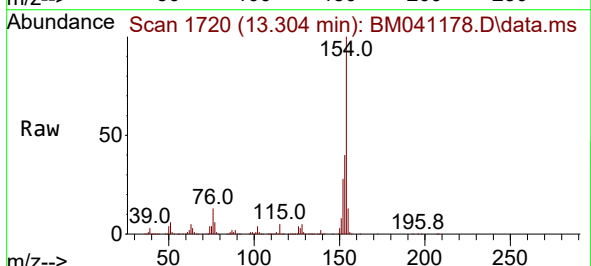
Tgt Ion:154 Resp: 1217225

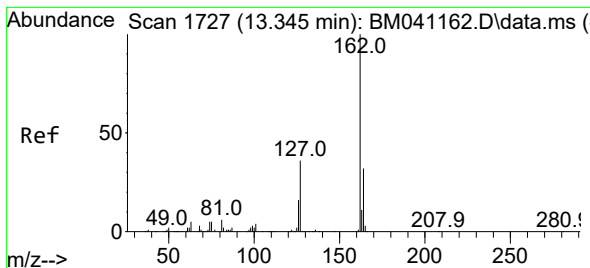
Ion Ratio Lower Upper

154 100

153 39.7 20.5 60.5

76 13.2 0.0 34.1





#47

2-Chloronaphthalene

Concen: 49.641 ng

RT: 13.345 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

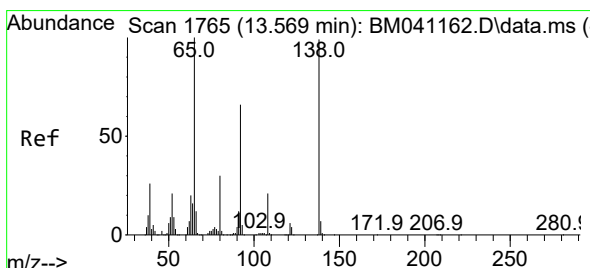
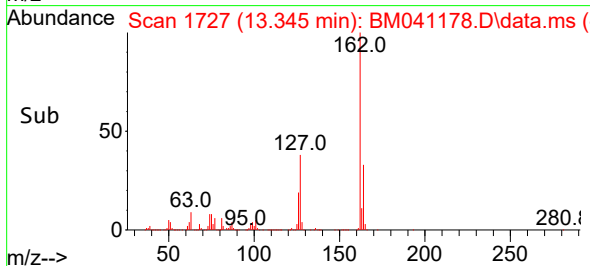
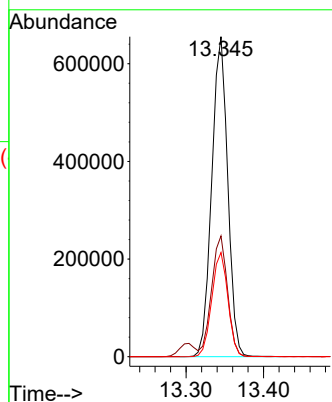
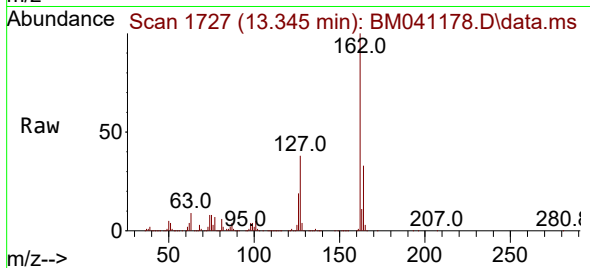
Tgt Ion:162 Resp: 937974

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 48.586 ng

RT: 13.568 min Scan# 1765

Delta R.T. -0.001 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

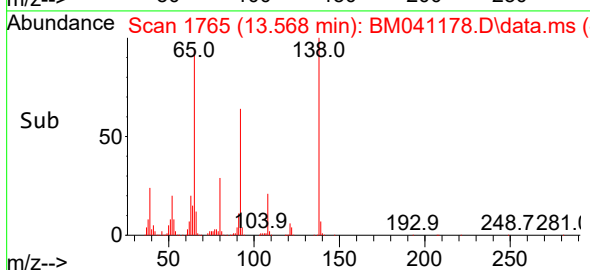
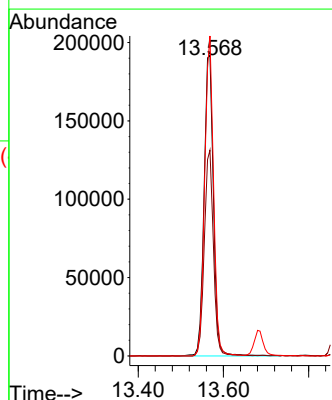
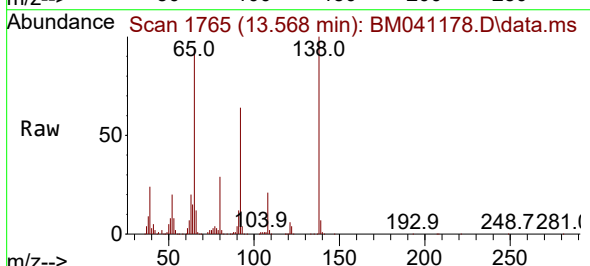
Tgt Ion: 65 Resp: 293041

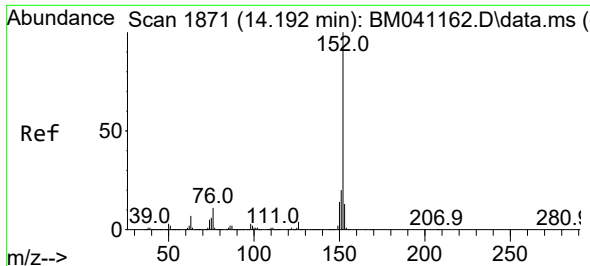
Ion Ratio Lower Upper

65 100

92 68.5 53.0 79.4

138 106.5 79.1 118.7

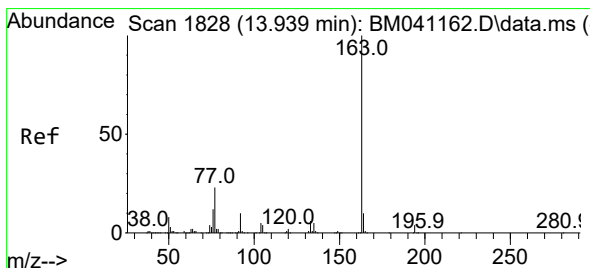
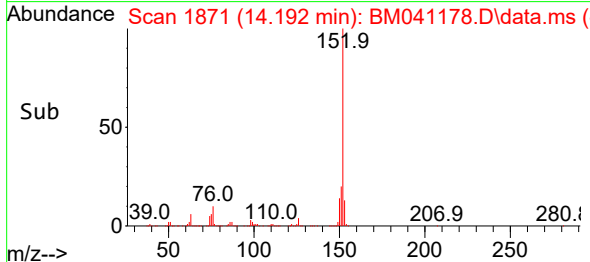
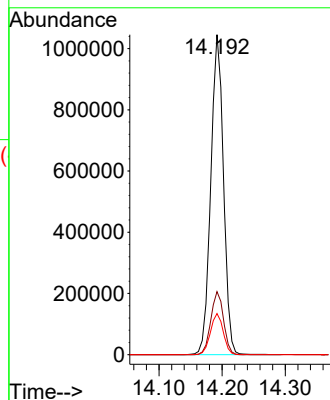
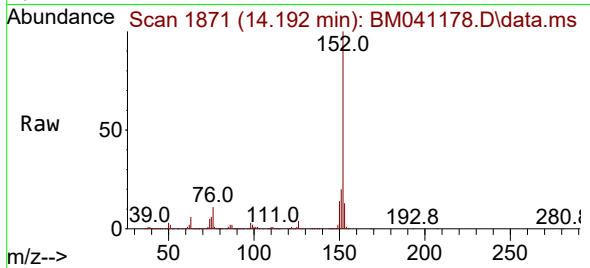




#49
Acenaphthylene
Concen: 47.812 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

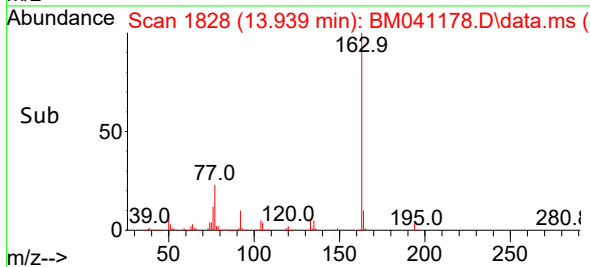
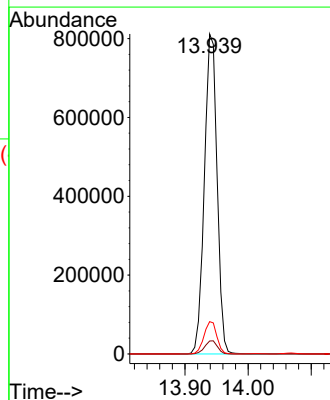
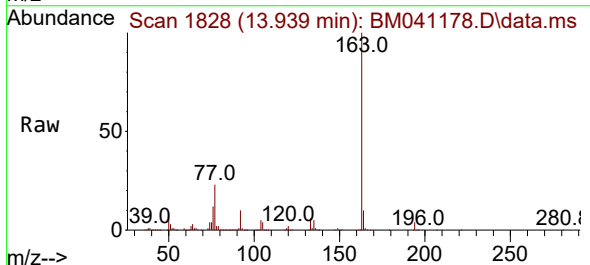
Instrument :
BNA_M
ClientSampleId :
PB154118BS

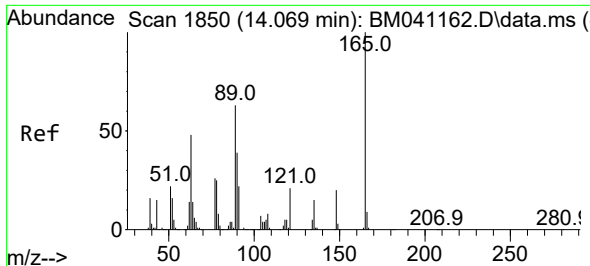
Tgt Ion:152 Resp: 1458171
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 48.392 ng
RT: 13.939 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:163 Resp: 1136268
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

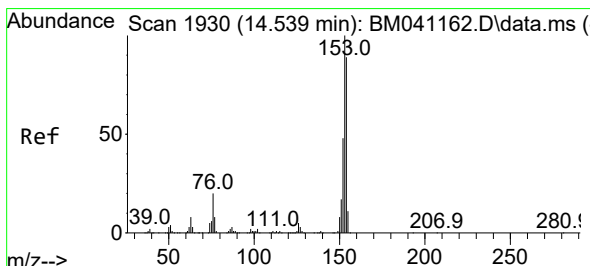
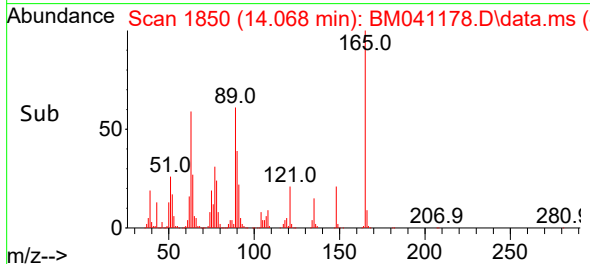
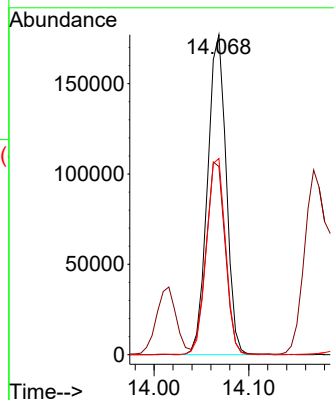
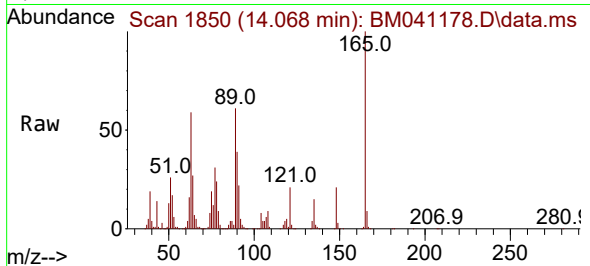




#51
2,6-Dinitrotoluene
Concen: 49.691 ng
RT: 14.068 min Scan# 1850
Delta R.T. -0.001 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

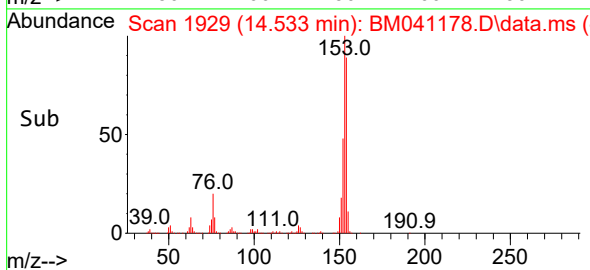
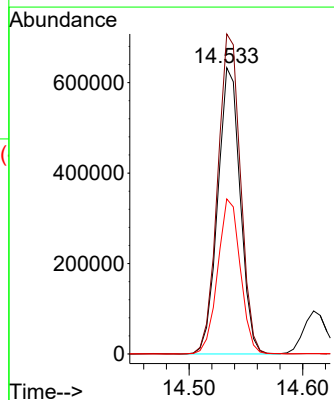
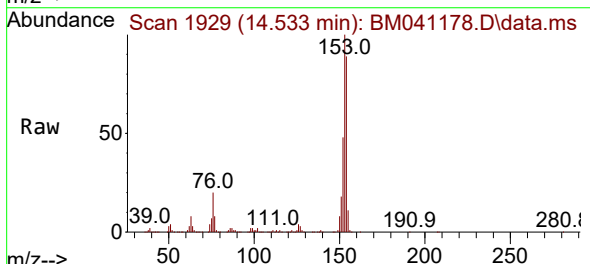
Instrument :
BNA_M
ClientSampleId :
PB154118BS

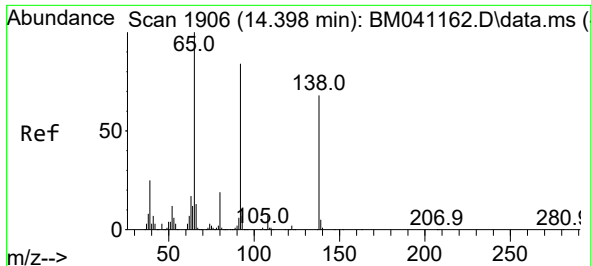
Tgt Ion:165 Resp: 241756
Ion Ratio Lower Upper
165 100
63 58.8 50.9 76.3
89 61.3 50.6 76.0



#52
Acenaphthene
Concen: 47.286 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:154 Resp: 868791
Ion Ratio Lower Upper
154 100
153 111.8 90.2 135.4
152 54.1 43.4 65.0

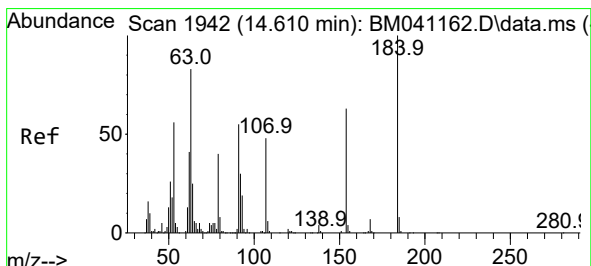
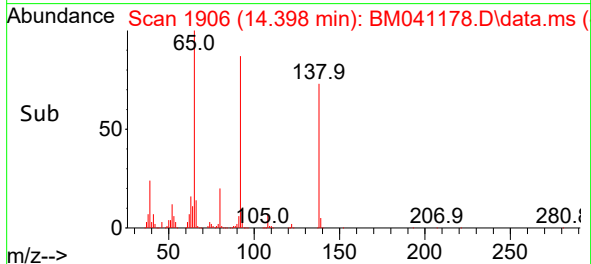
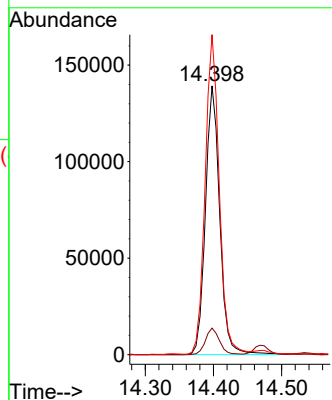
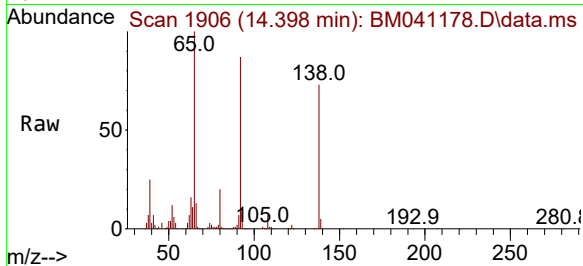




#53
3-Nitroaniline
Concen: 36.751 ng
RT: 14.398 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

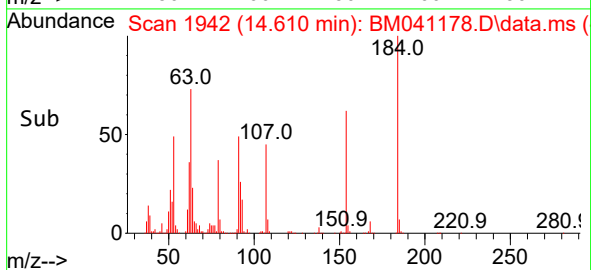
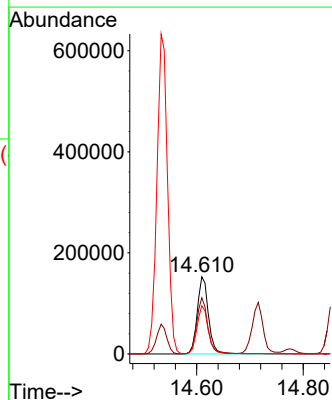
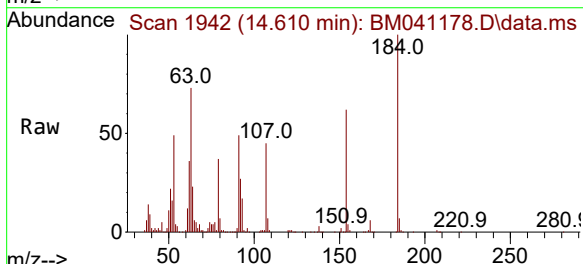
Instrument :
BNA_M
ClientSampleId :
PB154118BS

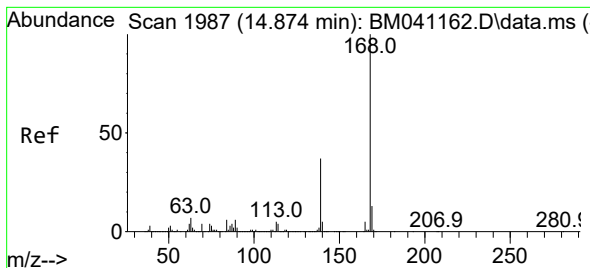
Tgt Ion:138 Resp: 203308
Ion Ratio Lower Upper
138 100
108 9.9 7.6 11.4
92 119.0 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 68.984 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:184 Resp: 223797
Ion Ratio Lower Upper
184 100
63 72.8 66.5 99.7
154 62.3 52.8 79.2





#55

Dibenzofuran

Concen: 45.919 ng

RT: 14.874 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

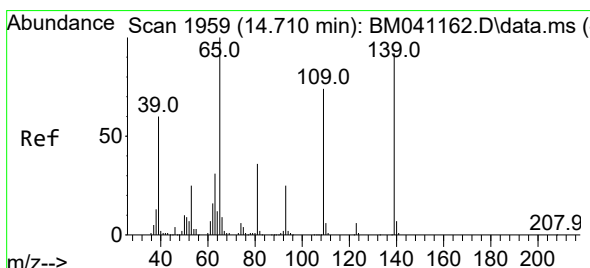
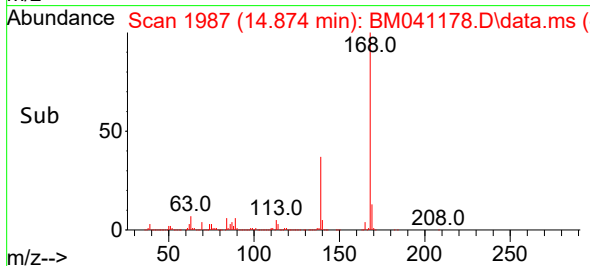
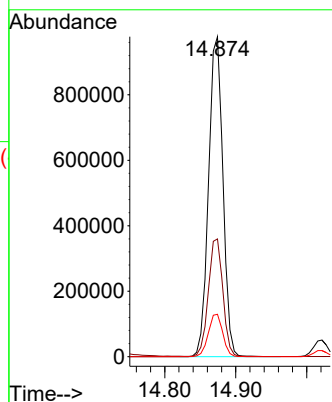
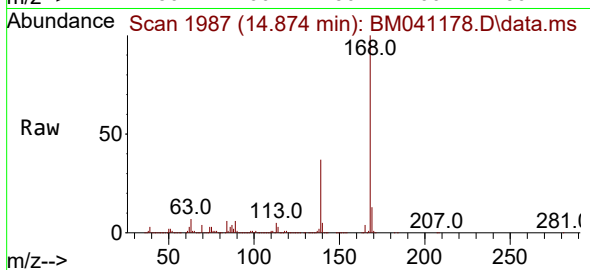
Tgt Ion:168 Resp: 1376477

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 111.137 ng

RT: 14.715 min Scan# 1960

Delta R.T. 0.005 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

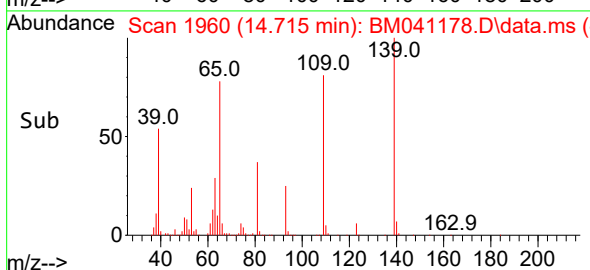
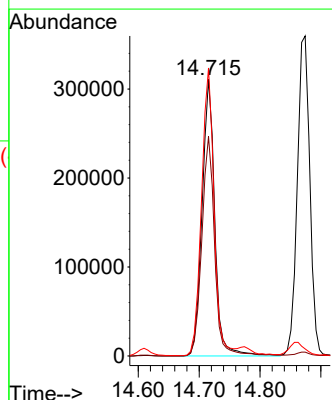
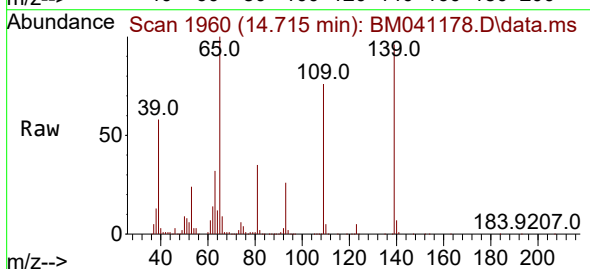
Tgt Ion:139 Resp: 450633

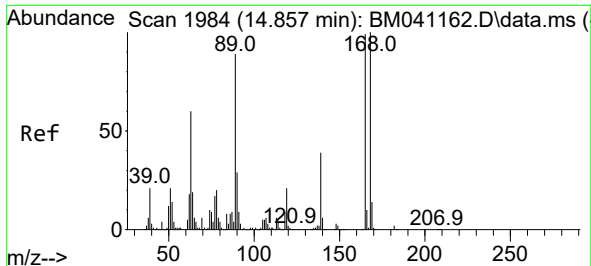
Ion Ratio Lower Upper

139 100

109 79.4 61.2 101.2

65 104.2 89.5 129.5

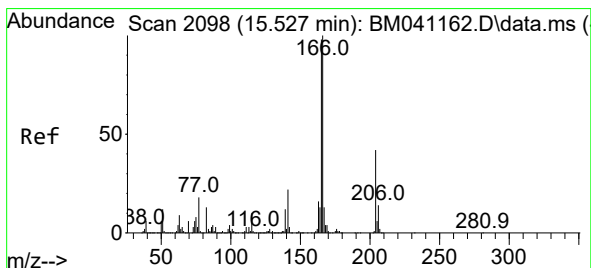
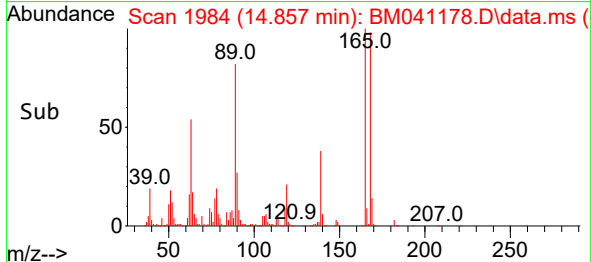
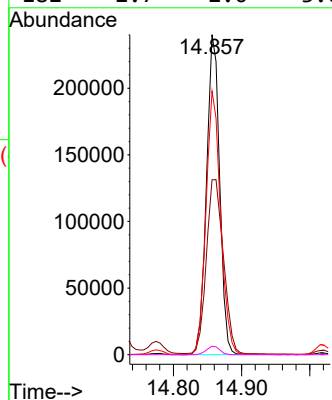
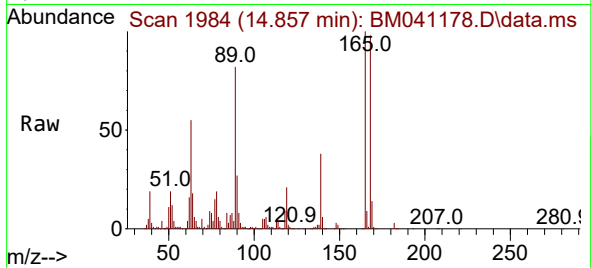




#57
2,4-Dinitrotoluene
Concen: 46.490 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

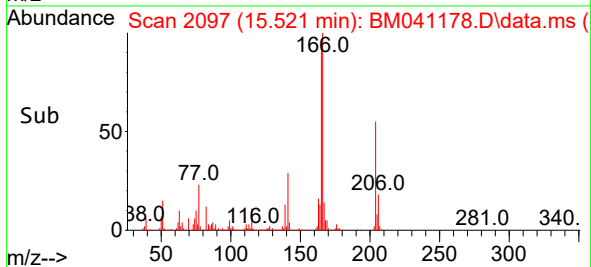
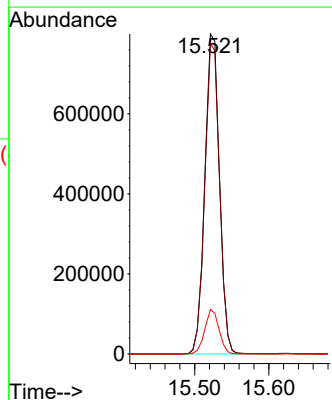
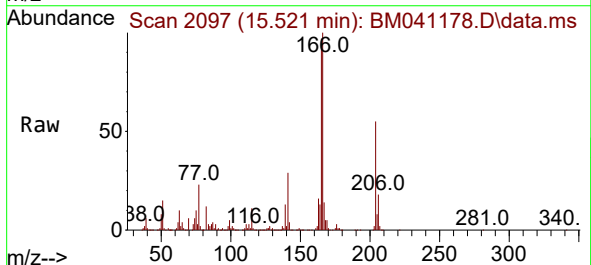
Instrument :
BNA_M
ClientSampleId :
PB154118BS

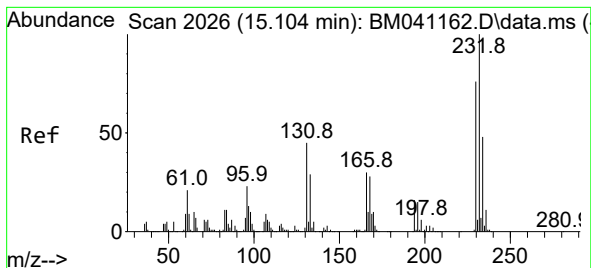
Tgt Ion:165 Resp: 322383
Ion Ratio Lower Upper
165 100
63 54.6 48.3 72.5
89 82.3 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.645 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:166 Resp: 1103070
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.4
167 13.8 10.6 16.0

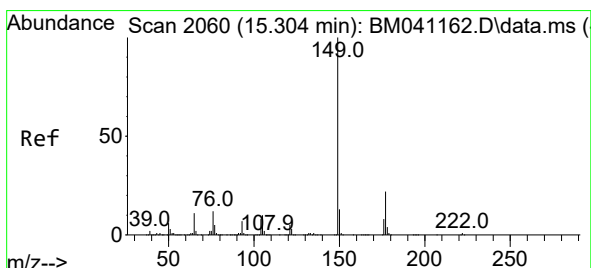
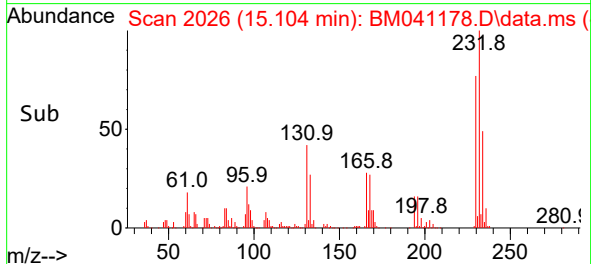
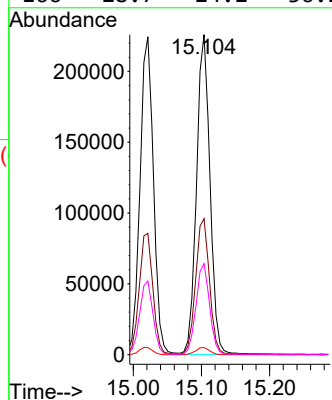
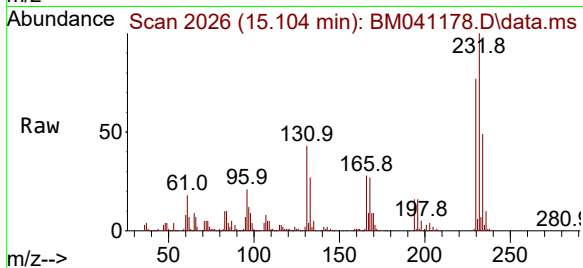




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.801 ng
RT: 15.104 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

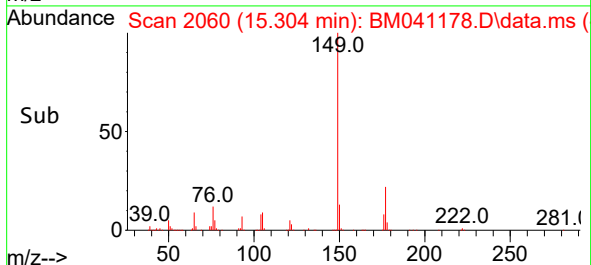
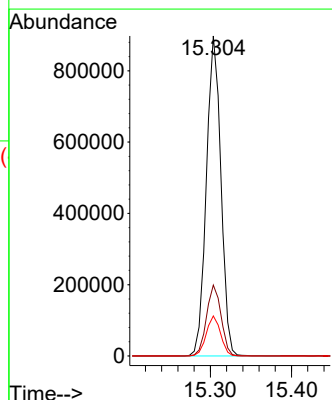
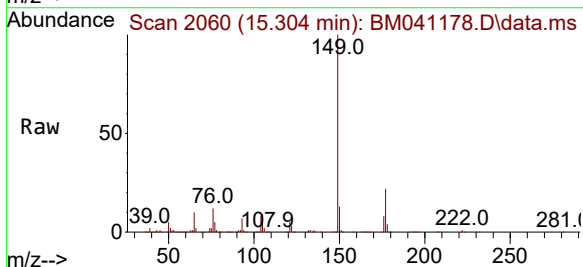
Instrument :
BNA_M
ClientSampleId :
PB154118BS

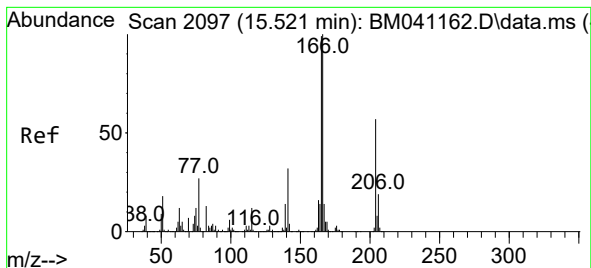
Tgt Ion:232 Resp: 309320
Ion Ratio Lower Upper
232 100
131 43.7 36.9 55.3
130 2.3 2.0 3.0
166 28.7 24.2 36.2



#60
Diethylphthalate
Concen: 49.000 ng
RT: 15.304 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:149 Resp: 1112633
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.5 10.1 15.1

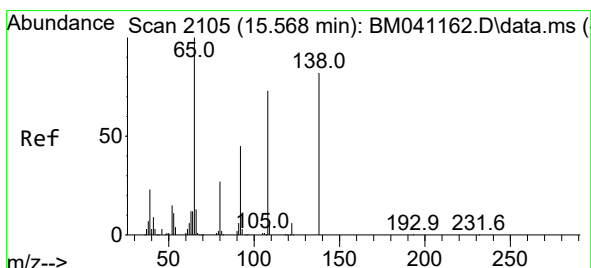
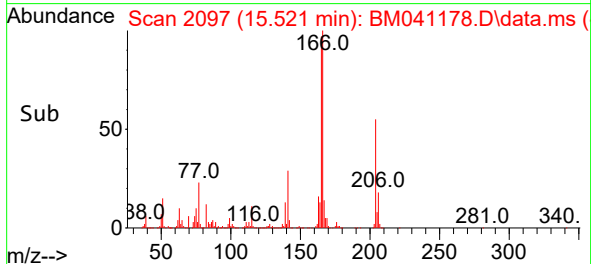
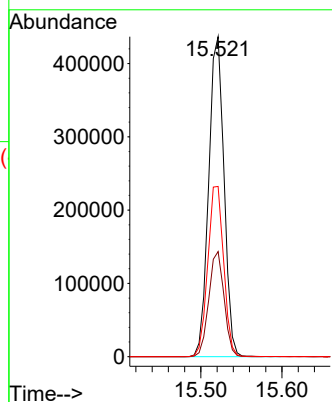
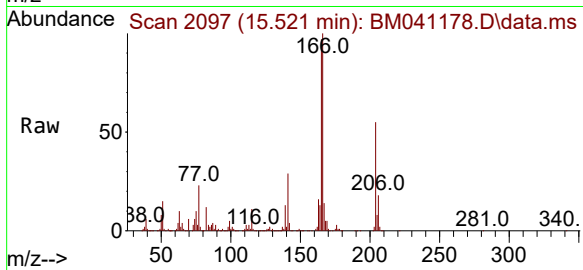




#61
4-Chlorophenyl-phenylether
Concen: 48.217 ng
RT: 15.521 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

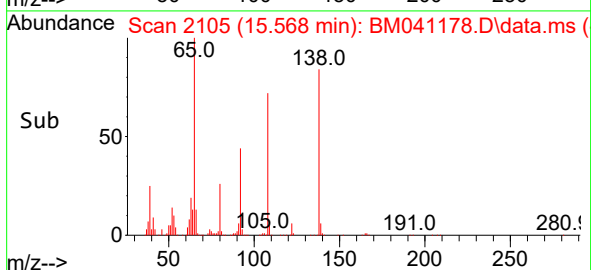
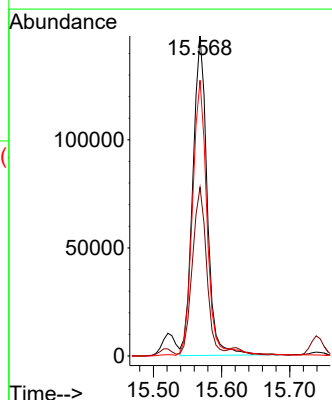
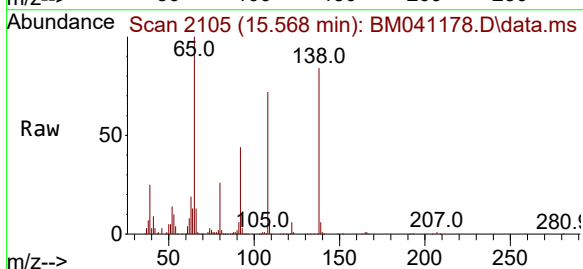
Instrument :
BNA_M
ClientSampleId :
PB154118BS

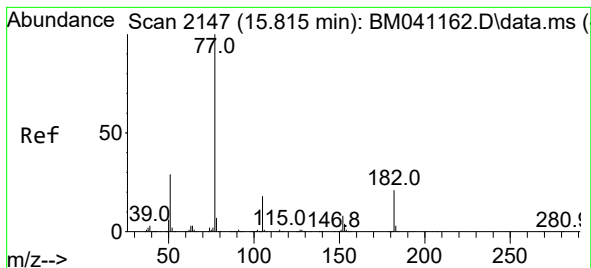
Tgt Ion:204 Resp: 571386
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 53.2 44.8 67.2



#62
4-Nitroaniline
Concen: 41.997 ng
RT: 15.568 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:138 Resp: 214978
Ion Ratio Lower Upper
138 100
92 52.7 35.1 75.1
108 86.1 67.8 107.8



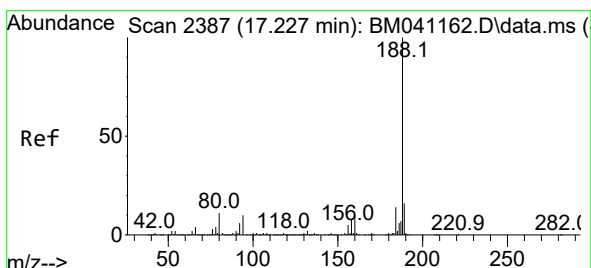
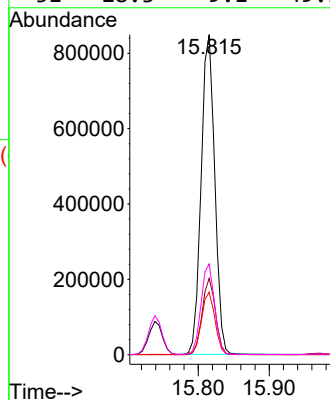
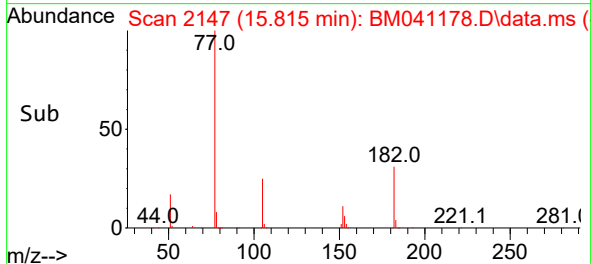
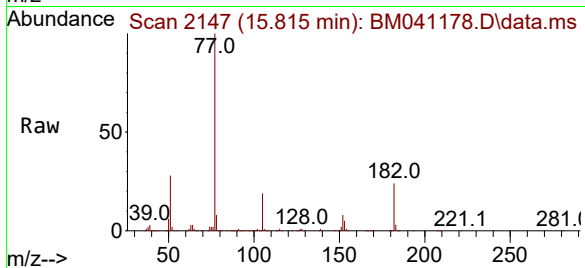


#63
Azobenzene
Concen: 45.611 ng
RT: 15.815 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Instrument :
BNA_M
ClientSampleId :
PB154118BS

Tgt Ion: 77 Resp: 1134481

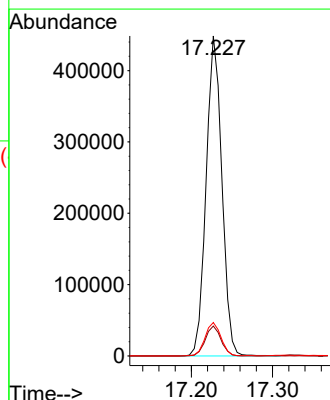
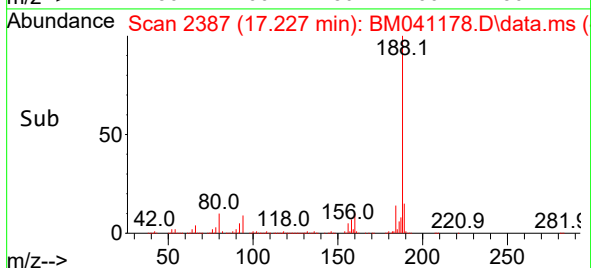
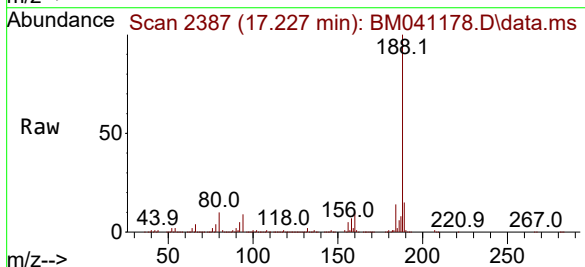
Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.3	41.3
105	19.5	0.0	38.5
51	28.3	9.1	49.1

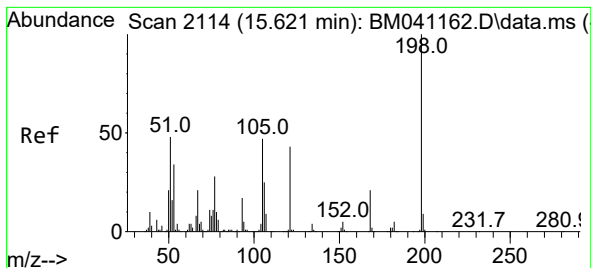


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion: 188 Resp: 602968

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.4	8.6	13.0

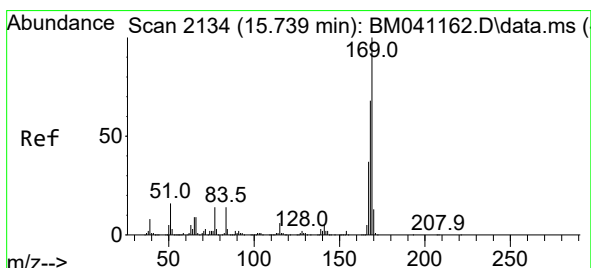
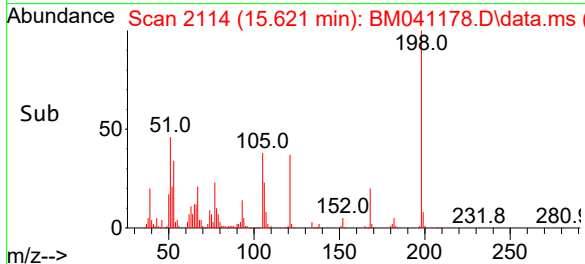
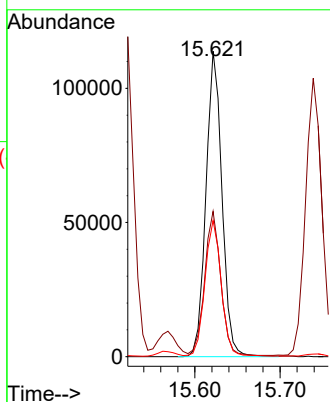
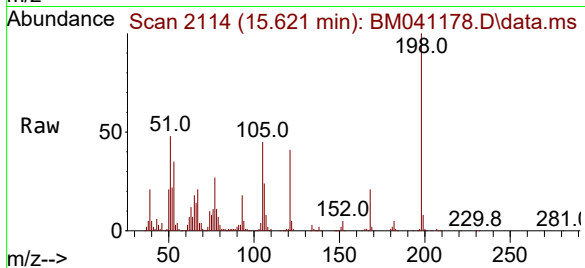




#65
4,6-Dinitro-2-methylphenol
Concen: 40.643 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

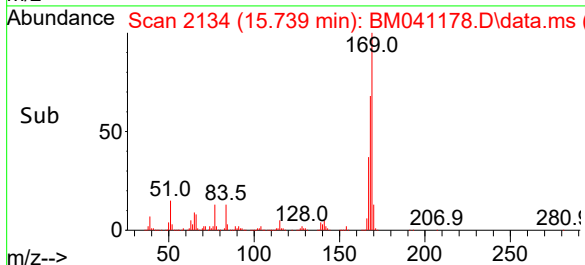
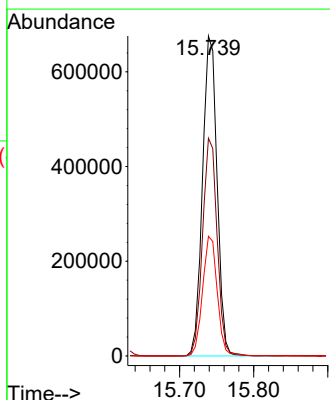
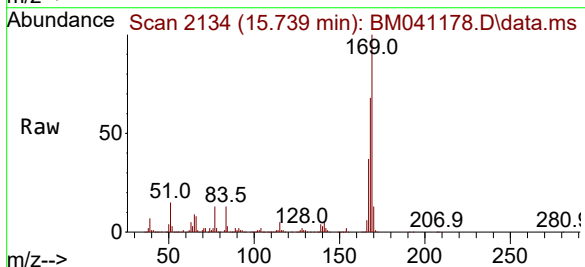
Instrument :
BNA_M
ClientSampleId :
PB154118BS

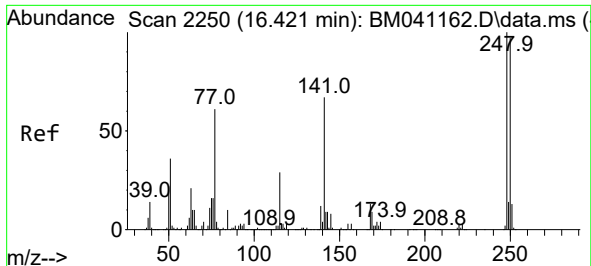
Tgt Ion:198 Resp: 148458
Ion Ratio Lower Upper
198 100
51 47.5 31.7 71.7
105 44.6 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 49.300 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:169 Resp: 924515
Ion Ratio Lower Upper
169 100
168 68.1 54.6 81.8
167 37.4 29.9 44.9

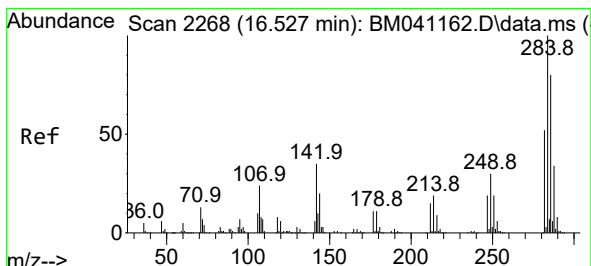
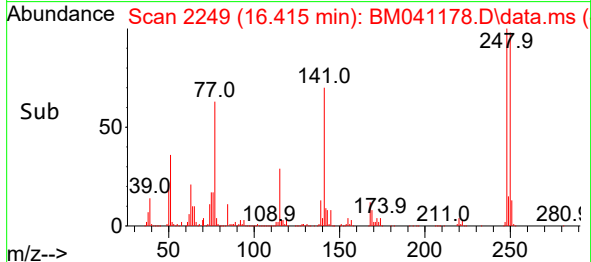
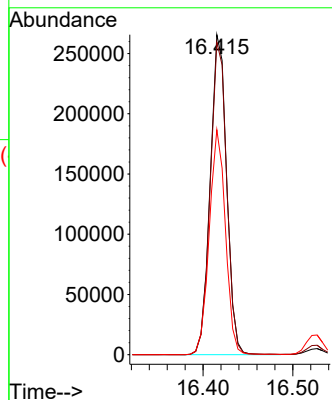
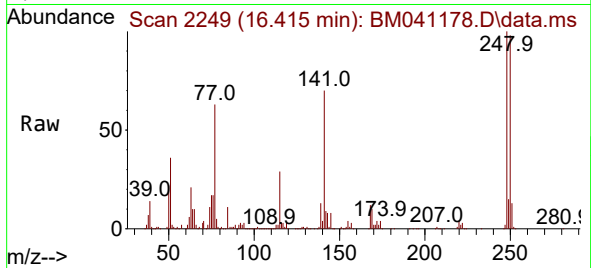




#67
4-Bromophenyl-phenylether
Concen: 51.119 ng
RT: 16.415 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

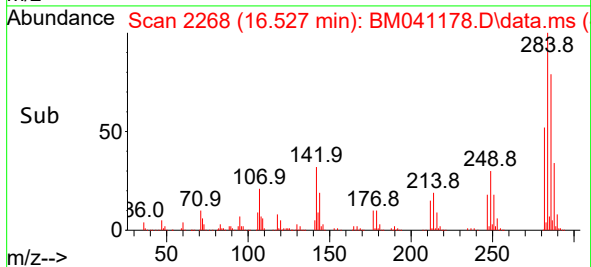
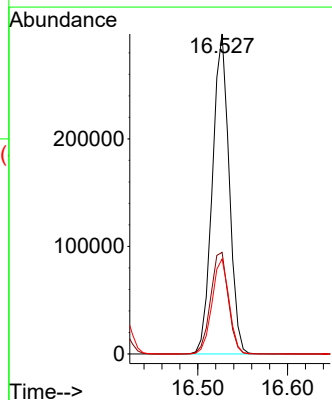
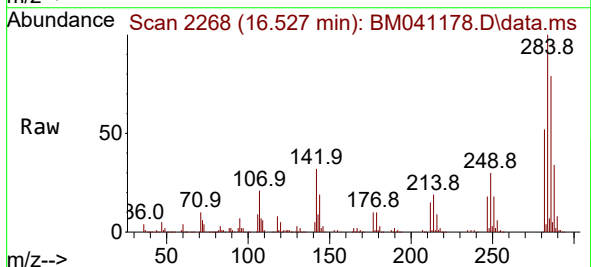
Instrument :
BNA_M
ClientSampleId :
PB154118BS

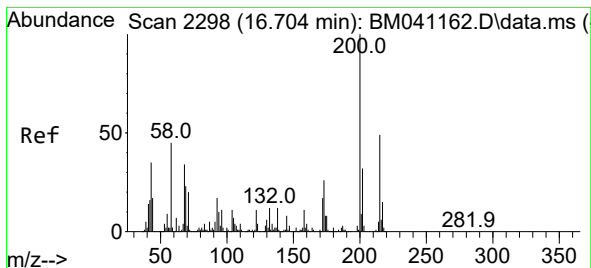
Tgt Ion:248 Resp: 337954
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 70.3 53.8 80.8



#68
Hexachlorobenzene
Concen: 52.520 ng
RT: 16.527 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:284 Resp: 386090
Ion Ratio Lower Upper
284 100
142 31.8 28.0 42.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 67.181 ng

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

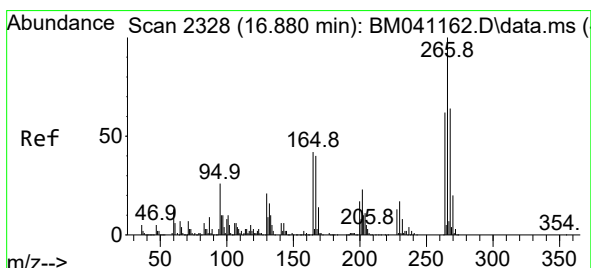
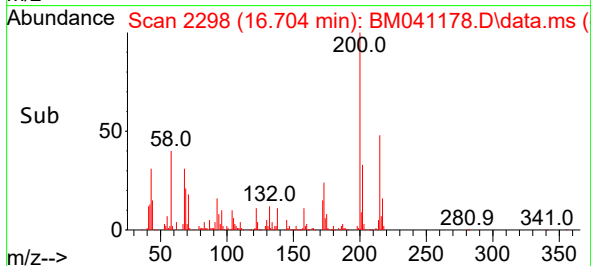
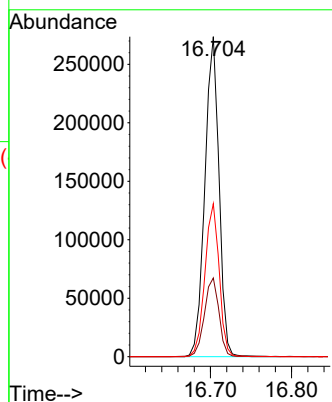
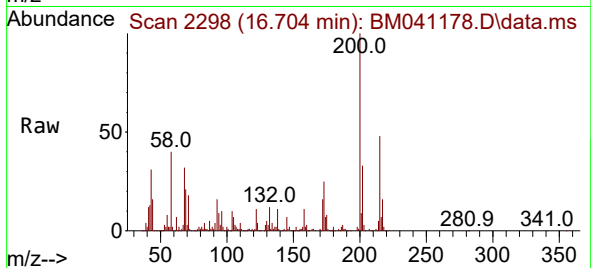
Tgt Ion:200 Resp: 330851

Ion Ratio Lower Upper

200 100

173 24.6 5.6 45.6

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 108.155 ng

RT: 16.880 min Scan# 2328

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

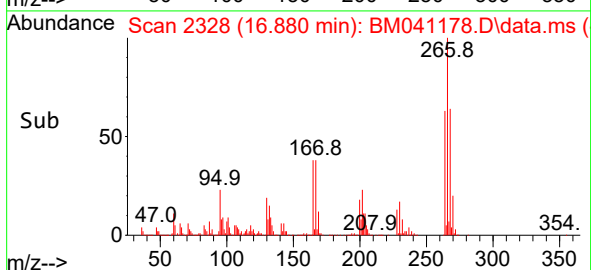
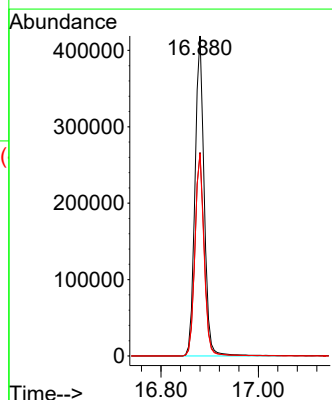
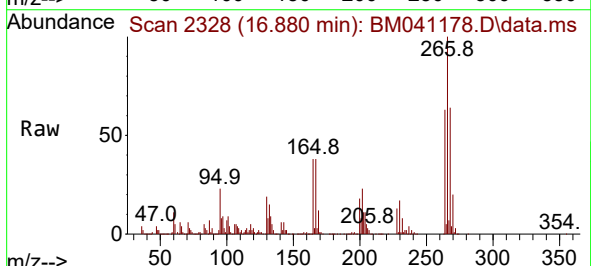
Tgt Ion:266 Resp: 550552

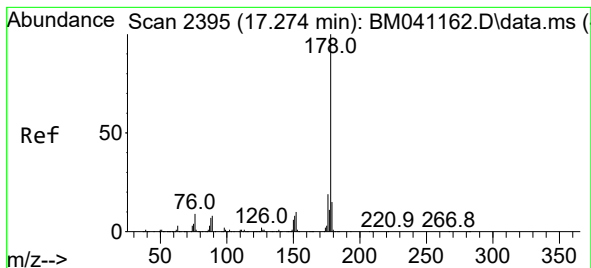
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.2 49.4 74.2





#71

Phenanthrene

Concen: 48.292 ng

RT: 17.274 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

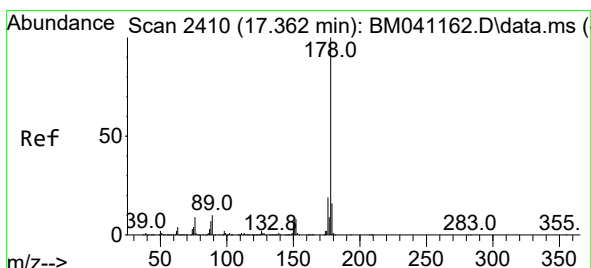
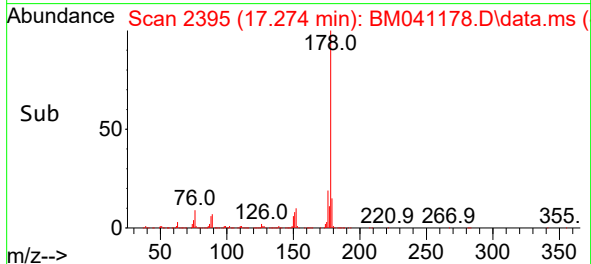
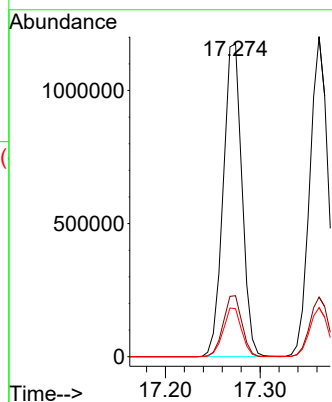
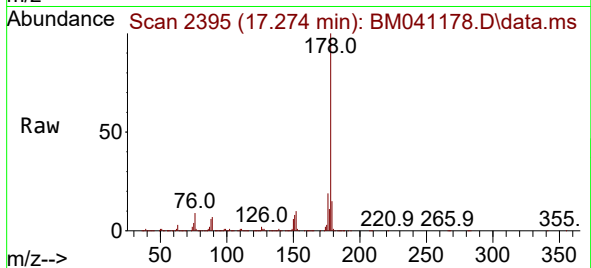
Tgt Ion:178 Resp: 1617853

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.4 12.1 18.1



#72

Anthracene

Concen: 49.261 ng

RT: 17.362 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

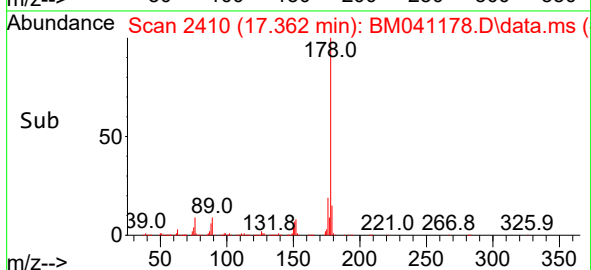
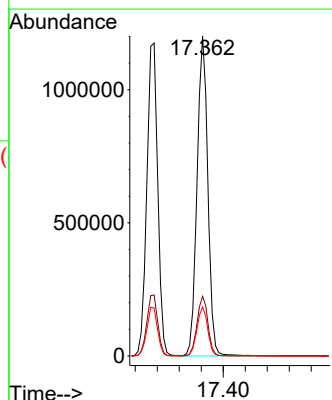
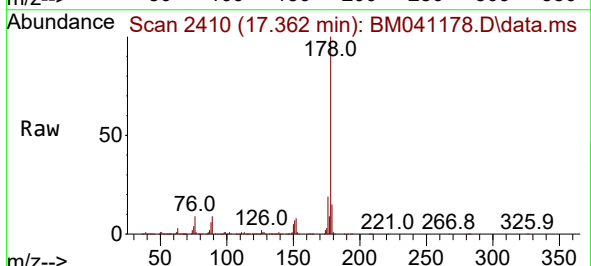
Tgt Ion:178 Resp: 1632193

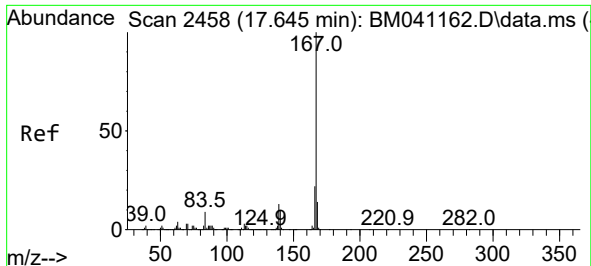
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.4 12.4 18.6

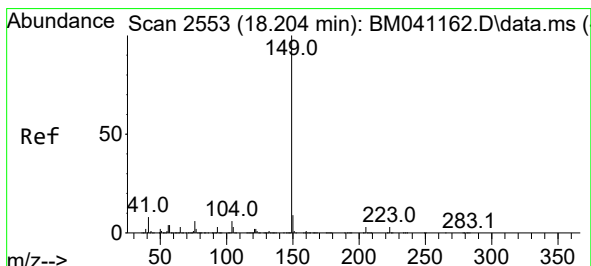
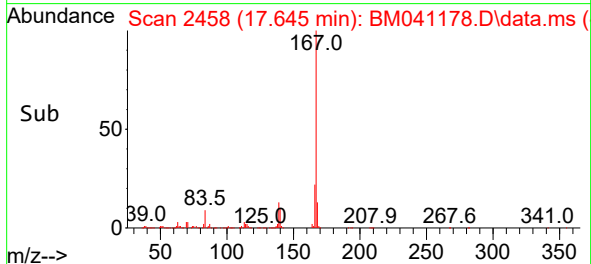
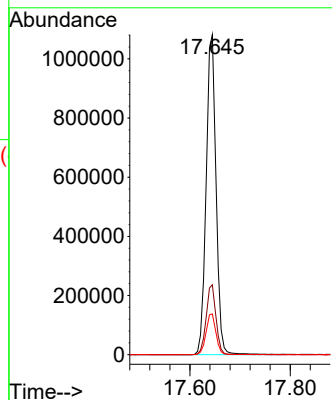
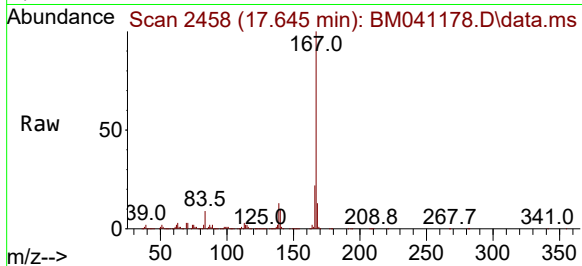




#73
 Carbazole
 Concen: 49.622 ng
 RT: 17.645 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

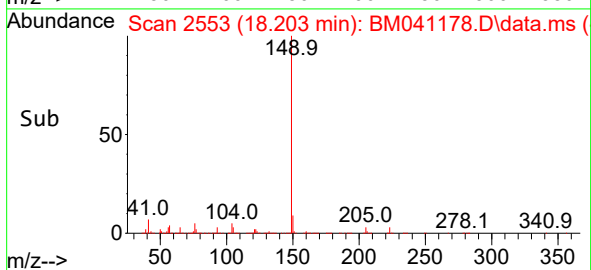
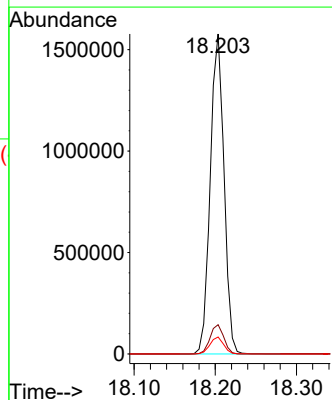
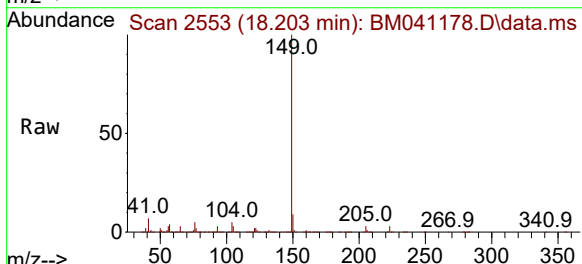
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

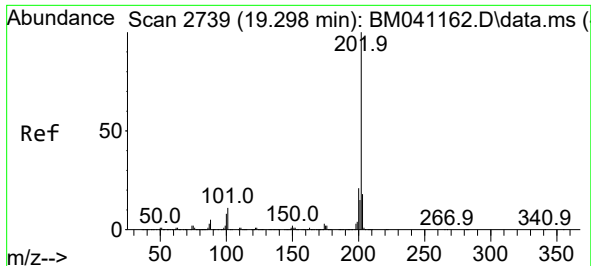
Tgt Ion:167 Resp: 1488103
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 54.607 ng
 RT: 18.203 min Scan# 2553
 Delta R.T. -0.000 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

Tgt Ion:149 Resp: 1850524
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.3 4.5 6.7

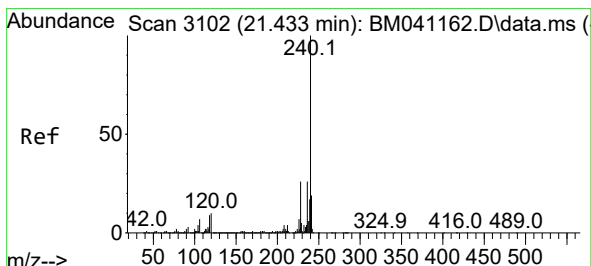
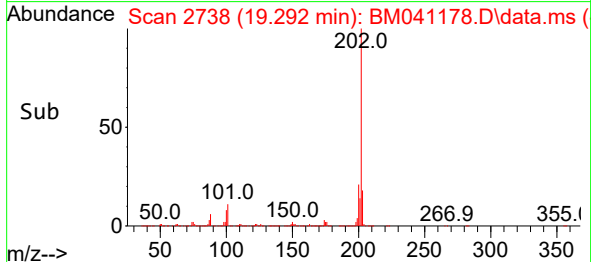
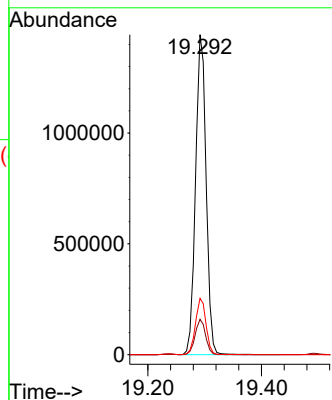
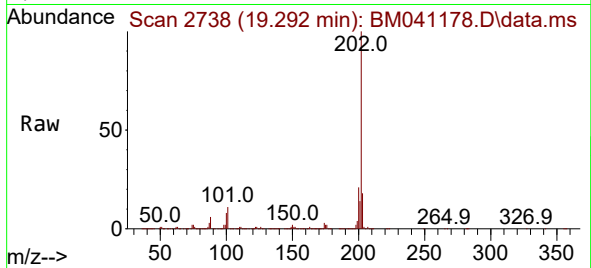




#75
Fluoranthene
Concen: 49.749 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

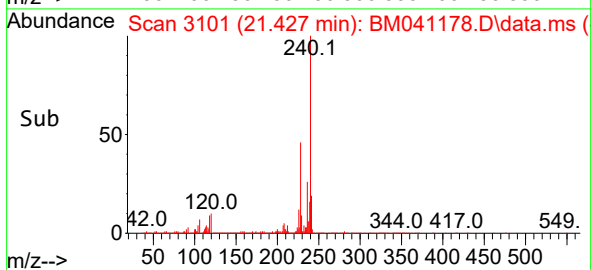
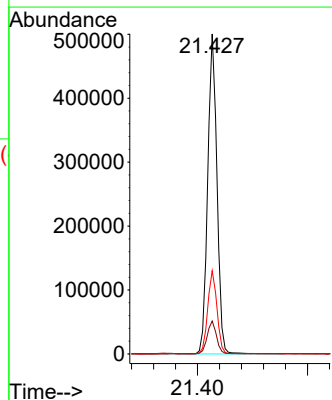
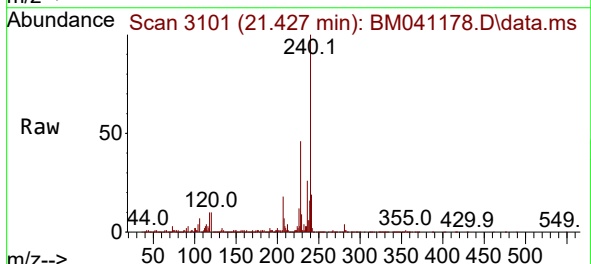
Instrument :
BNA_M
ClientSampleId :
PB154118BS

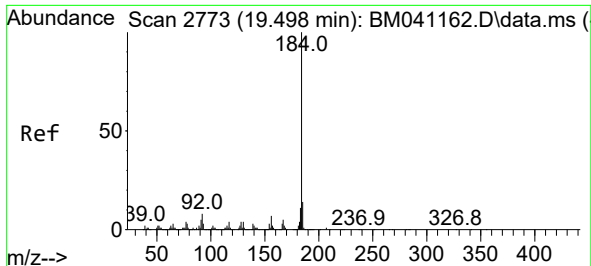
Tgt Ion:202 Resp: 1872456
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.8
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:240 Resp: 582863
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.0 20.6 30.8

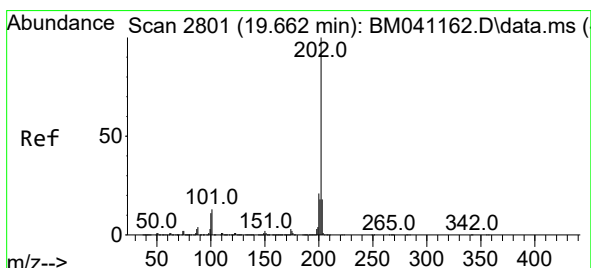
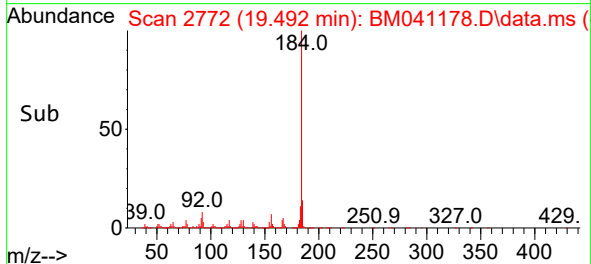
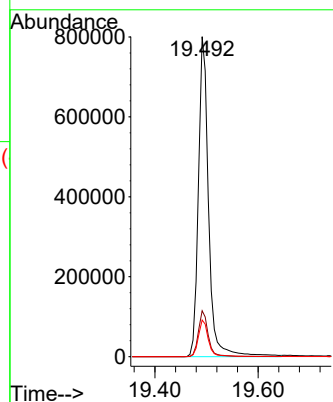
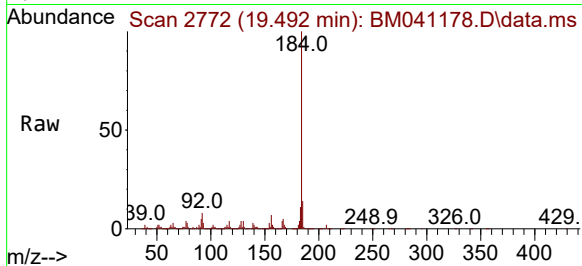




#77
Benzidine
Concen: 137.889 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

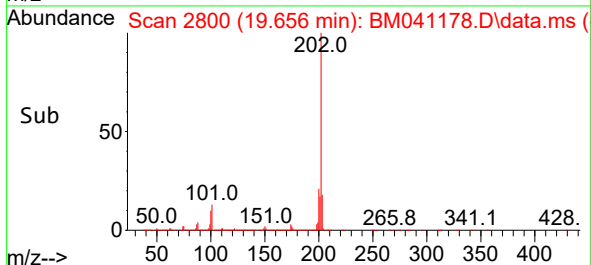
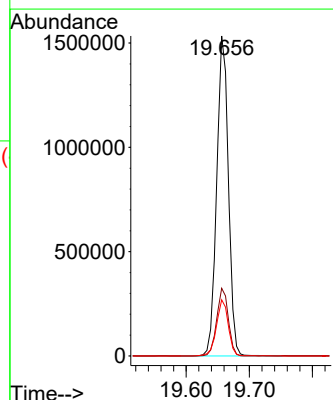
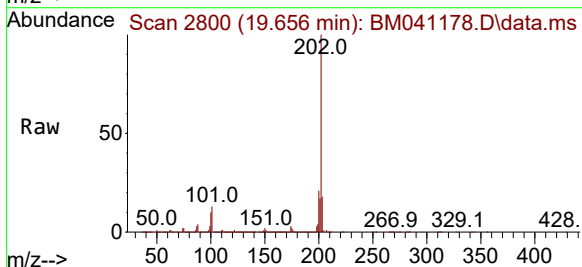
Instrument :
BNA_M
ClientSampleId :
PB154118BS

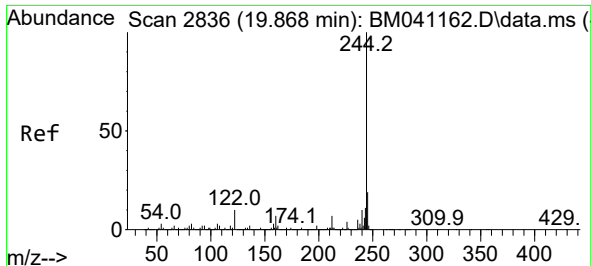
Tgt Ion:184 Resp: 1095440
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.4 9.2 13.8



#78
Pyrene
Concen: 48.208 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:202 Resp: 1964996
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1

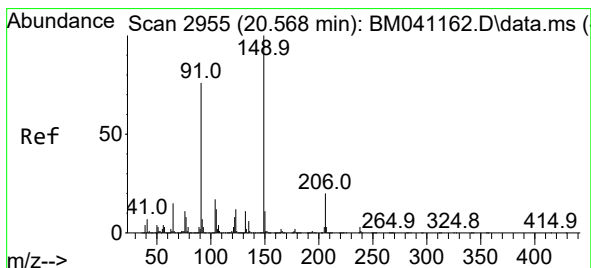
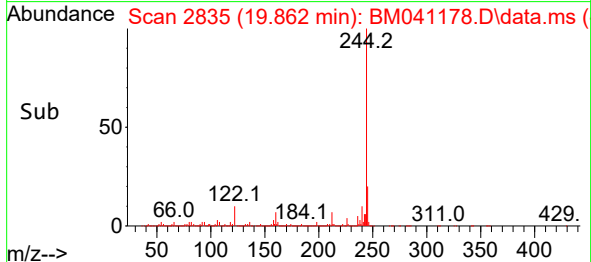
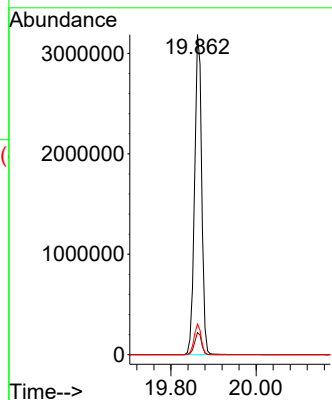
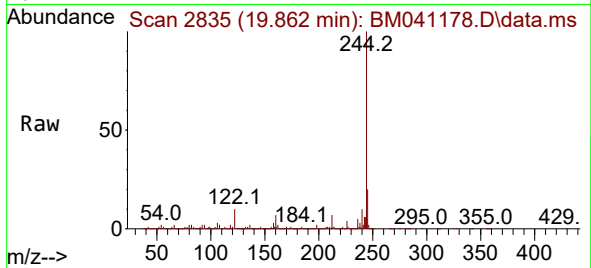




#79
 Terphenyl-d14
 Concen: 113.966 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

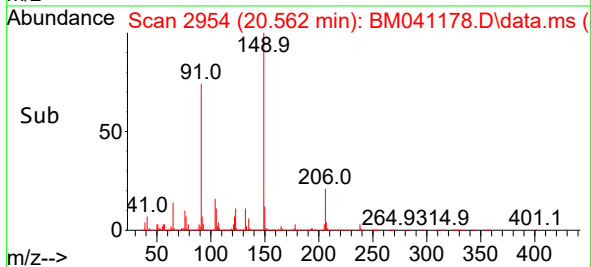
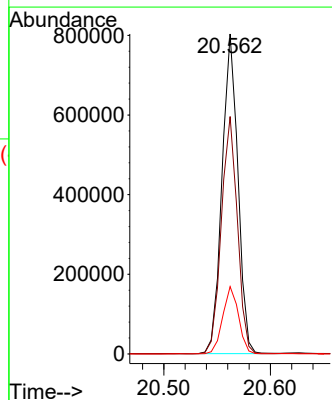
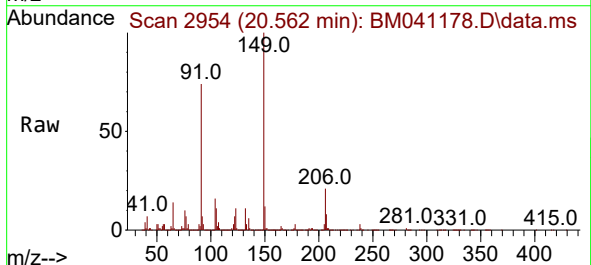
Instrument :
 BNA_M
 ClientSampleId :
 PB154118BS

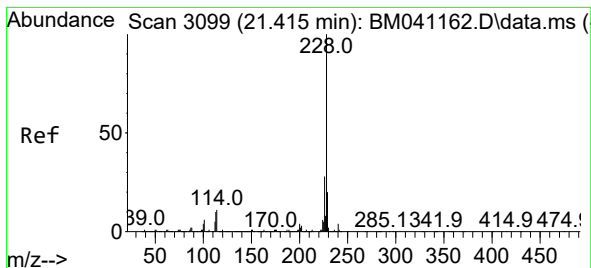
Tgt Ion:244 Resp: 3673922
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.6 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 55.697 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM041178.D
 Acq: 28 Jul 2023 22:55

Tgt Ion:149 Resp: 829051
 Ion Ratio Lower Upper
 149 100
 91 74.2 60.8 91.2
 206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.314 ng

RT: 21.409 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

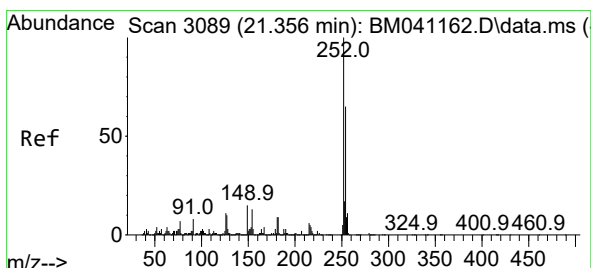
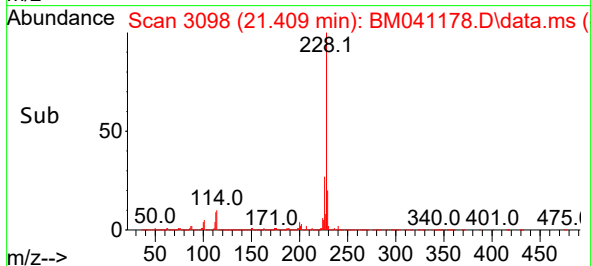
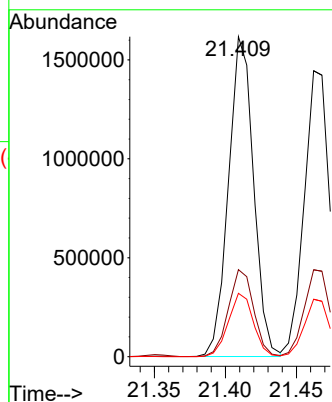
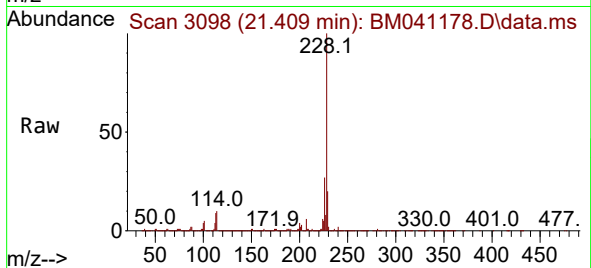
Tgt Ion:228 Resp: 1988076

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 57.303 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

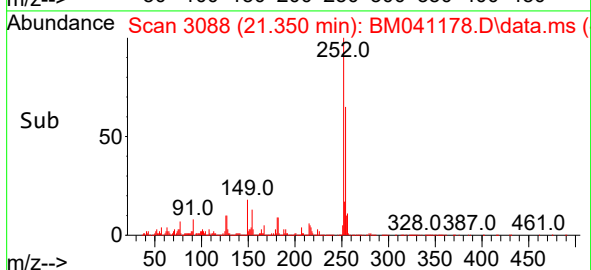
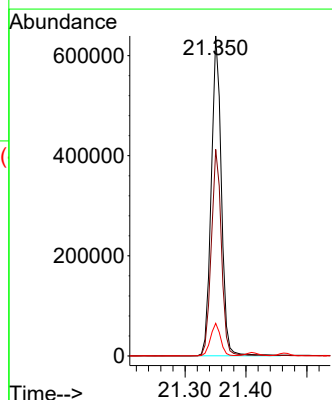
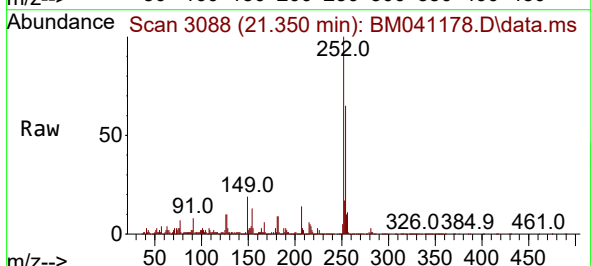
Tgt Ion:252 Resp: 738849

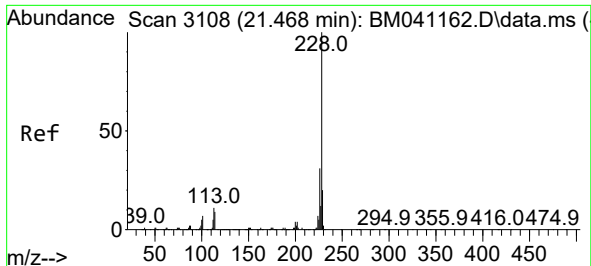
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.2 8.6 13.0

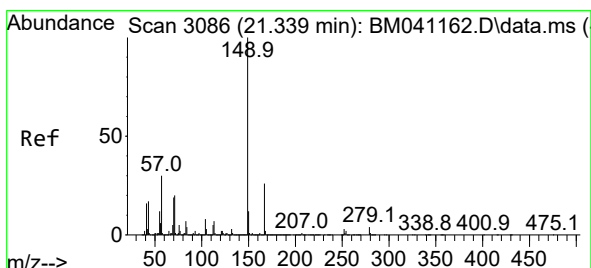
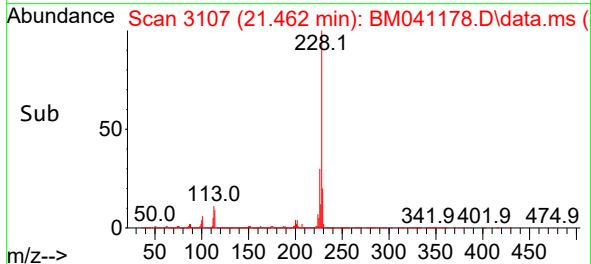
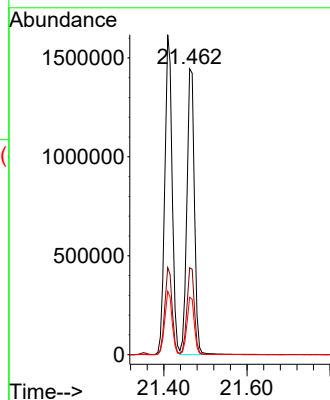
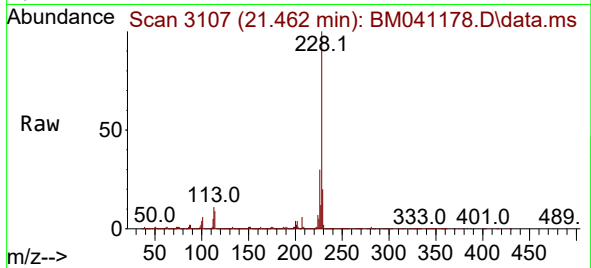




#83
Chrysene
Concen: 47.344 ng
RT: 21.462 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

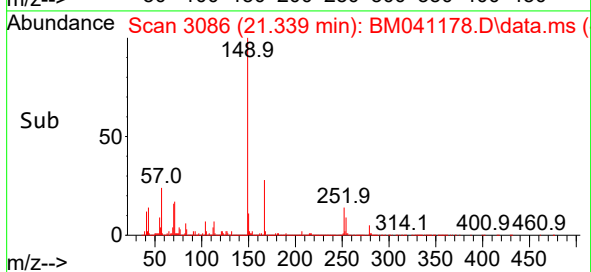
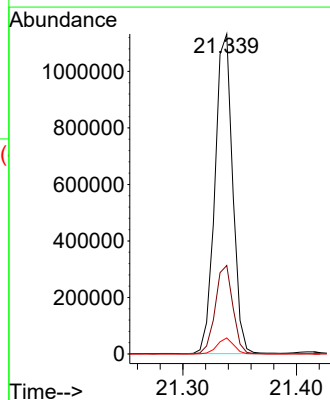
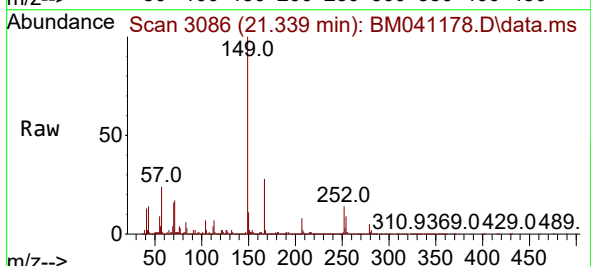
Instrument :
BNA_M
ClientSampleId :
PB154118BS

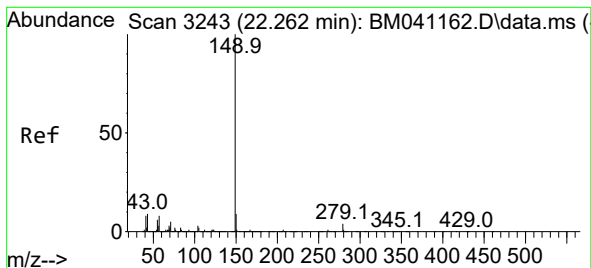
Tgt Ion:228 Resp: 1809454
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.559 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:149 Resp: 1223460
Ion Ratio Lower Upper
149 100
167 27.6 21.0 31.6
279 5.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 55.908 ng

RT: 22.256 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

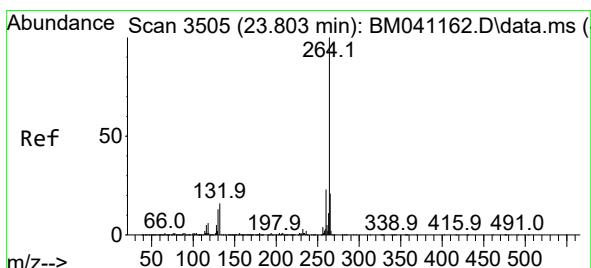
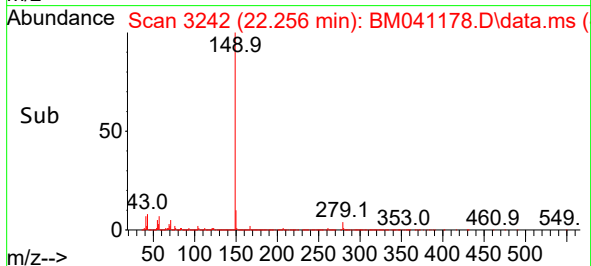
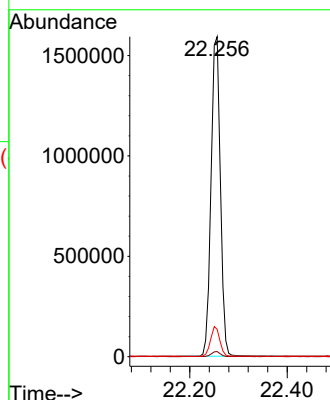
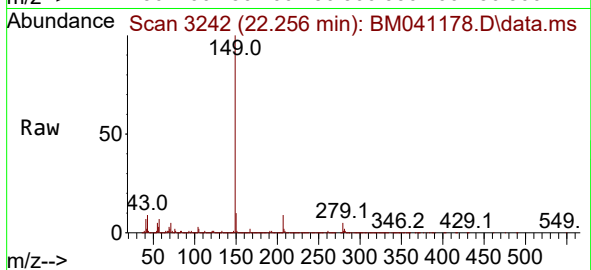
Tgt Ion:149 Resp: 2103229

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

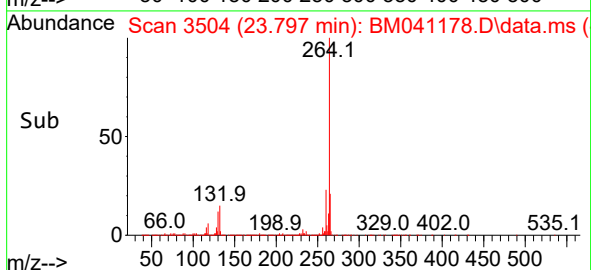
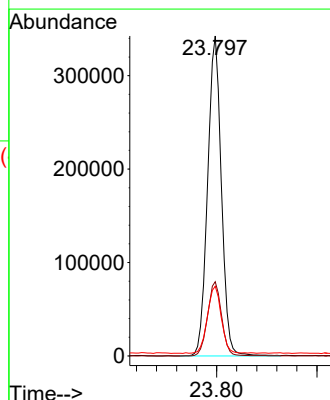
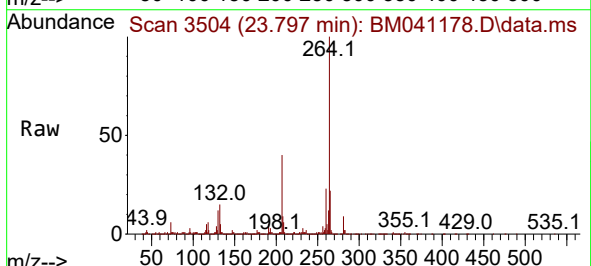
Tgt Ion:264 Resp: 652193

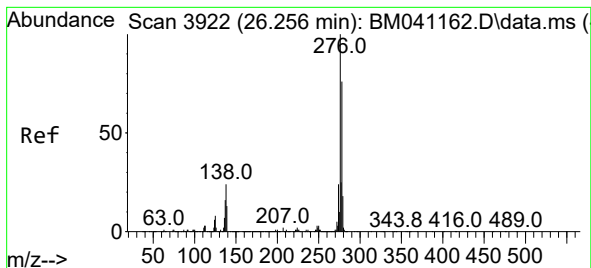
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.888 ng

RT: 26.250 min Scan# 3922

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

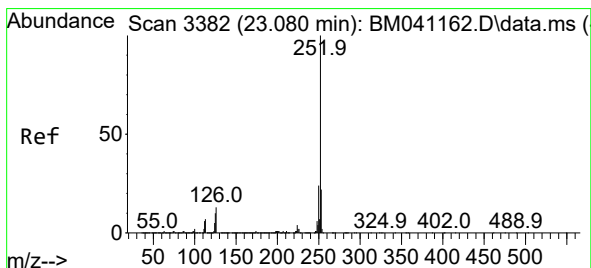
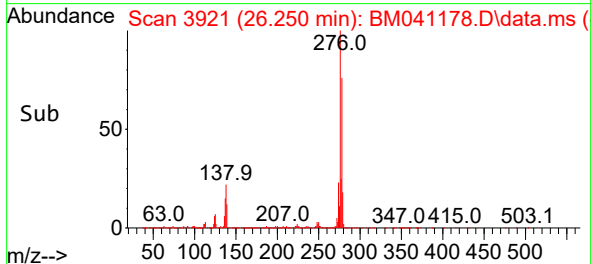
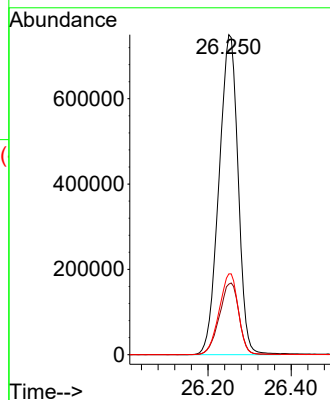
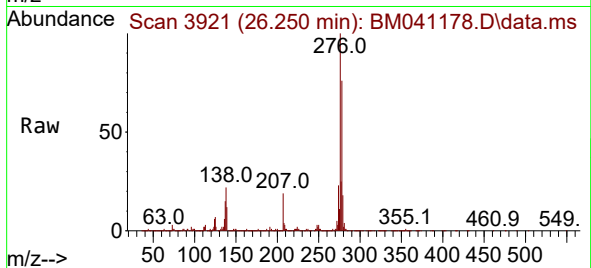
Tgt Ion:276 Resp: 2392138

Ion Ratio Lower Upper

276 100

138 23.0 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.527 ng

RT: 23.080 min Scan# 3382

Delta R.T. -0.000 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

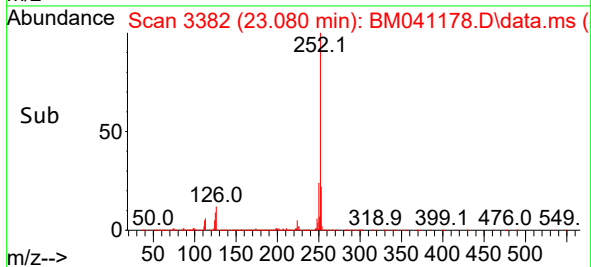
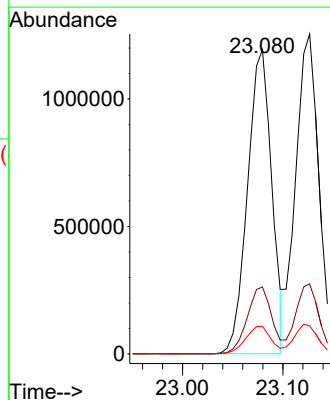
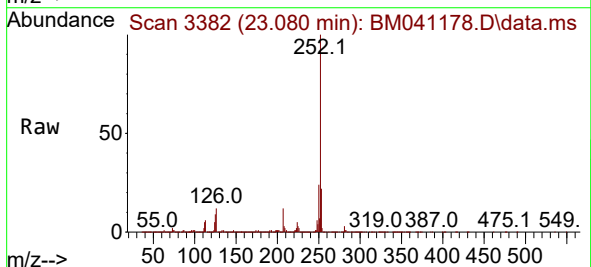
Tgt Ion:252 Resp: 1996374

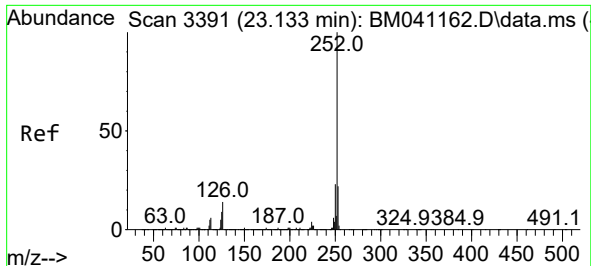
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 8.2 12.4

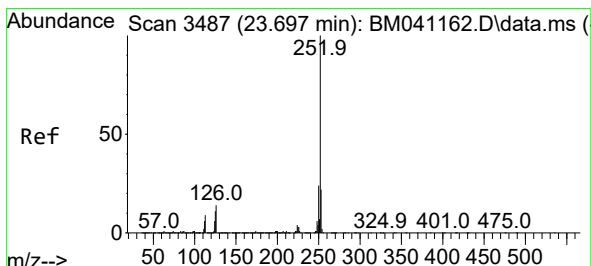
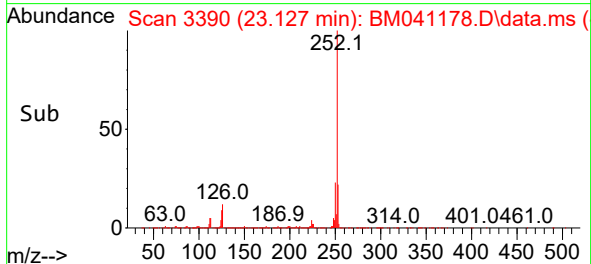
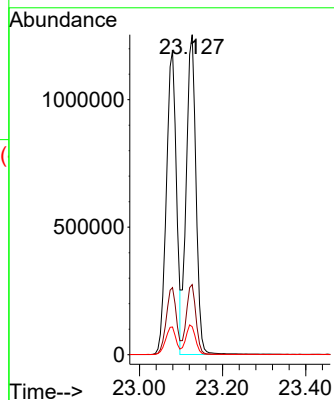
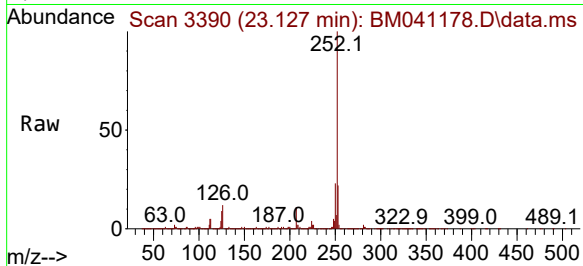




#89
Benzo(k)fluoranthene
Concen: 51.335 ng
RT: 23.127 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

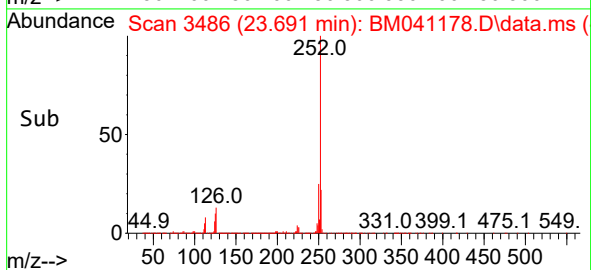
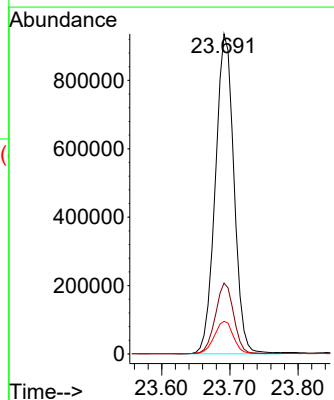
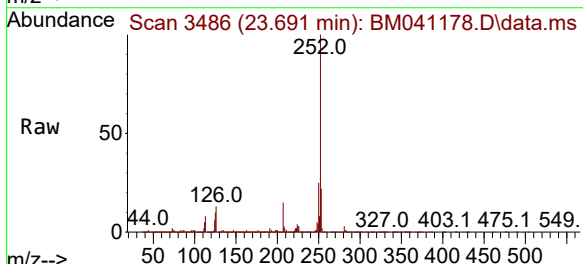
Instrument :
BNA_M
ClientSampleId :
PB154118BS

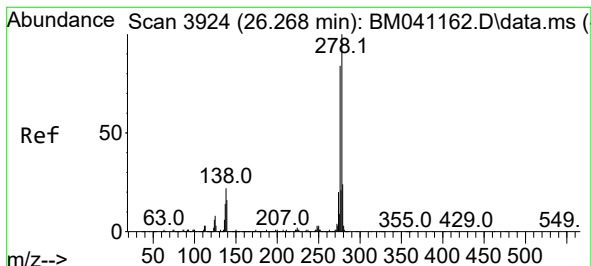
Tgt Ion:252 Resp: 2034488
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 47.708 ng
RT: 23.691 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041178.D
Acq: 28 Jul 2023 22:55

Tgt Ion:252 Resp: 1776051
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.504 ng

RT: 26.262 min Scan# 3924

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Instrument :

BNA_M

ClientSampleId :

PB154118BS

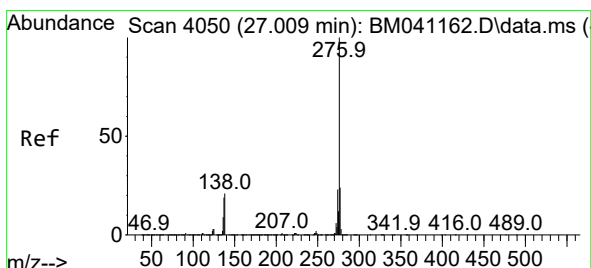
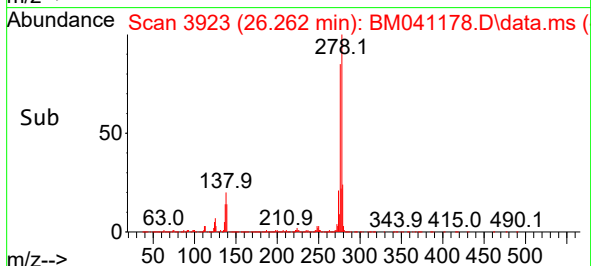
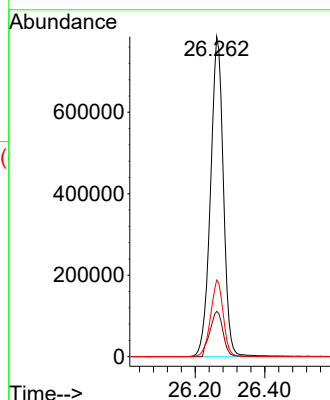
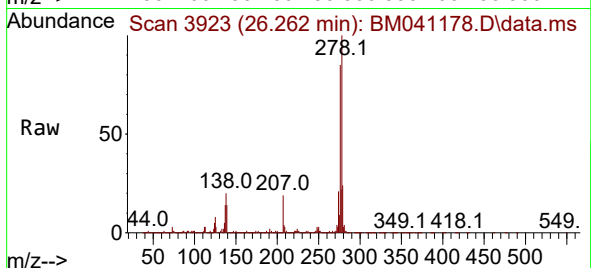
Tgt Ion:278 Resp: 2019880

Ion Ratio Lower Upper

278 100

139 14.2 12.7 19.1

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.979 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.006 min

Lab File: BM041178.D

Acq: 28 Jul 2023 22:55

Tgt Ion:276 Resp: 1916760

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 19.8 17.1 25.7

