

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041308.D
 Acq On : 07 Aug 2023 12:24
 Operator : MA/JU
 Sample : PB154638BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154638BS

Quant Time: Aug 07 17:29:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	149527	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	574647	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	314862	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	618266	20.000	ng	0.00
76) Chrysene-d12	21.421	240	573952	20.000	ng	0.00
86) Perylene-d12	23.791	264	691251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1055690	105.521	ng	0.00
7) Phenol-d6	6.975	99	1282523	98.897	ng	0.00
23) Nitrobenzene-d5	8.963	82	853528	69.074	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	483669	108.603	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	1761875	70.688	ng	0.00
79) Terphenyl-d14	19.850	244	2417906	76.168	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	119868	28.008	ng	96
3) Pyridine	3.657	79	306883	27.271	ng	99
4) n-Nitrosodimethylamine	3.575	42	169423	32.553	ng	97
6) Aniline	7.122	93	482691	31.804	ng	99
8) 2-Chlorophenol	7.351	128	383558	39.271	ng	99
9) Benzaldehyde	6.934	77	218006	31.859	ng	99
10) Phenol	6.998	94	470939	37.599	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	379913	37.471	ng	98
12) 1,3-Dichlorobenzene	7.669	146	427626	40.223	ng	99
13) 1,4-Dichlorobenzene	7.822	146	436860	40.882	ng	98
14) 1,2-Dichlorobenzene	8.133	146	418800	40.875	ng	99
15) Benzyl Alcohol	8.045	79	345825	42.227	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.328	45	466017	34.497	ng	96
17) 2-Methylphenol	8.245	107	308772	36.083	ng	99
18) Hexachloroethane	8.851	117	166892	41.951	ng	96
19) n-Nitroso-di-n-propyla...	8.604	70	297052	37.712	ng	98
20) 3+4-Methylphenols	8.580	107	412549	36.057	ng	98
22) Acetophenone	8.628	105	570356	37.476	ng	# 98
24) Nitrobenzene	9.010	77	452585	36.218	ng	100
25) Isophorone	9.533	82	778629	37.120	ng	98
26) 2-Nitrophenol	9.716	139	203780	41.715	ng	95
27) 2,4-Dimethylphenol	9.780	122	302074	35.141	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	467195	35.557	ng	98
29) 2,4-Dichlorophenol	10.251	162	341789	39.428	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	394436	41.183	ng	98
31) Naphthalene	10.645	128	1125033	36.078	ng	99
32) Benzoic acid	9.951	122	236417	38.316	ng	94
33) 4-Chloroaniline	10.774	127	321078	25.764	ng	99
34) Hexachlorobutadiene	10.910	225	253058	43.932	ng	98
35) Caprolactam	11.586	113	91225	36.378	ng	93
36) 4-Chloro-3-methylphenol	11.910	107	335314	36.751	ng	97
37) 2-Methylnaphthalene	12.263	142	739162	35.159	ng	99
38) 1-Methylnaphthalene	12.480	142	703711	35.764	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	415907	40.680	ng	# 97
41) Hexachlorocyclopentadiene	12.598	237	483291	89.351	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	266910	40.731	ng	99

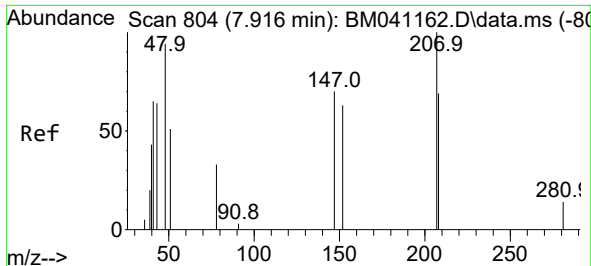
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 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	284711	37.538	ng	96
46) 1,1'-Biphenyl	13.280	154	945388	37.037	ng	99
47) 2-Chloronaphthalene	13.327	162	744982	39.088	ng	98
48) 2-Nitroaniline	13.551	65	221535	36.415	ng	100
49) Acenaphthylene	14.174	152	1159172	37.681	ng	100
50) Dimethylphthalate	13.921	163	851108	35.935	ng	99
51) 2,6-Dinitrotoluene	14.051	165	185621	37.824	ng	99
52) Acenaphthene	14.515	154	658470	35.531	ng	99
53) 3-Nitroaniline	14.386	138	156039	28.580	ng	95
54) 2,4-Dinitrophenol	14.604	184	244567	74.251	ng	89
55) Dibenzofuran	14.857	168	1069397	35.368	ng	99
56) 4-Nitrophenol	14.710	139	301097	73.619	ng	96
57) 2,4-Dinitrotoluene	14.845	165	253856	36.878	ng	97
58) Fluorene	15.509	166	845357	35.440	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	241142	39.263	ng	96
60) Diethylphthalate	15.286	149	831650	36.310	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	444851	37.216	ng	97
62) 4-Nitroaniline	15.557	138	170499	33.908	ng	95
63) Azobenzene	15.798	77	864552	34.460	ng	98
65) 4,6-Dinitro-2-methylph...	15.615	198	149102	39.809	ng	90
66) n-Nitrosodiphenylamine	15.727	169	704668	36.647	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	262174	38.676	ng	99
68) Hexachlorobenzene	16.509	284	309007	40.995	ng	99
69) Atrazine	16.686	200	246976	48.909	ng	99
70) Pentachlorophenol	16.868	266	351743	67.389	ng	99
71) Phenanthrene	17.256	178	1238533	36.055	ng	99
72) Anthracene	17.351	178	1257840	37.024	ng	100
73) Carbazole	17.633	167	1128840	36.710	ng	99
74) Di-n-butylphthalate	18.186	149	1389461	39.987	ng	99
75) Fluoranthene	19.286	202	1428107	37.004	ng	98
77) Benzidine	19.486	184	804052	102.782	ng	99
78) Pyrene	19.644	202	1490849	37.144	ng	100
80) Butylbenzylphthalate	20.550	149	616200	42.040	ng	98
81) Benzo(a)anthracene	21.403	228	1508329	38.765	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	553772	43.616	ng	99
83) Chrysene	21.456	228	1383854	36.771	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	924364	40.150	ng	# 97
85) Di-n-octyl phthalate	22.244	149	1632840	44.078	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1951625	38.401	ng	96
88) Benzo(b)fluoranthene	23.068	252	1555569	37.881	ng	98
89) Benzo(k)fluoranthene	23.115	252	1534130	36.522	ng	99
90) Benzo(a)pyrene	23.685	252	1398619	35.446	ng	98
91) Dibenzo(a,h)anthracene	26.256	278	1650448	38.935	ng	97
92) Benzo(g,h,i)perylene	26.997	276	1548954	37.344	ng	96

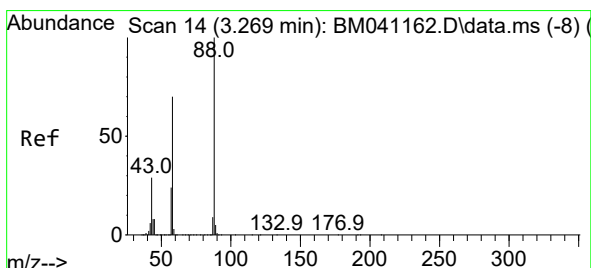
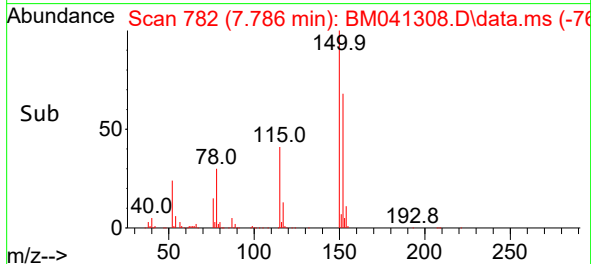
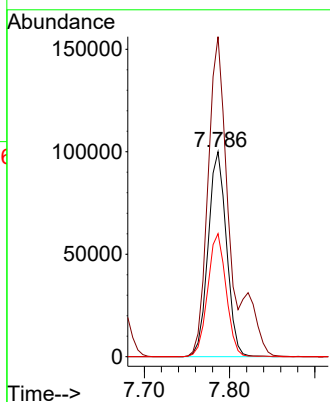
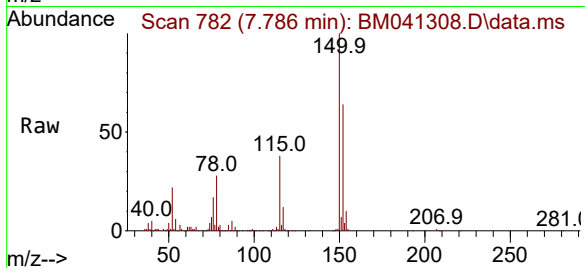
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041308.D
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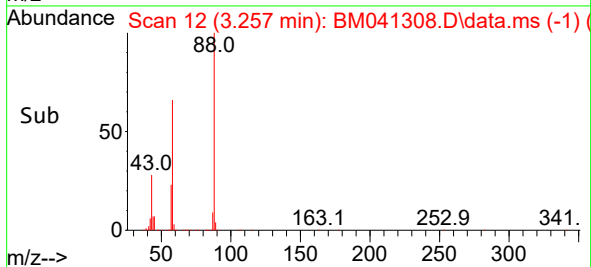
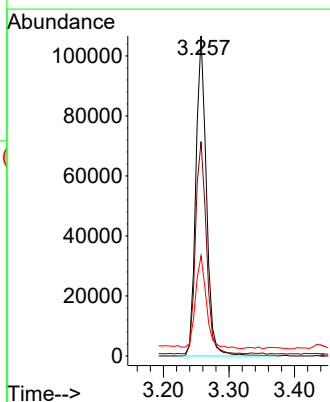
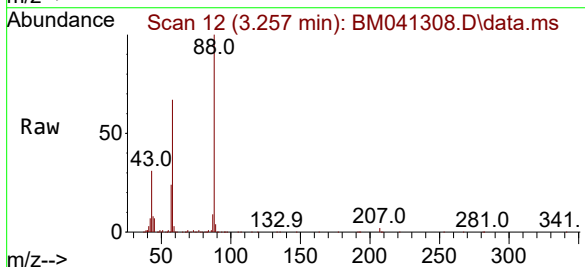
Instrument :
BNA_M
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PB154638BS

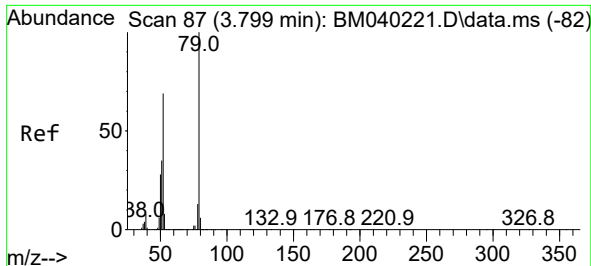
Tgt Ion:152 Resp: 149527
Ion Ratio Lower Upper
152 100
150 156.2 125.5 188.3
115 60.0 48.0 72.0



#2
1,4-Dioxane
Concen: 28.008 ng
RT: 3.257 min Scan# 12
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 88 Resp: 119868
Ion Ratio Lower Upper
88 100
58 68.2 58.2 87.4
43 30.0 24.4 36.6

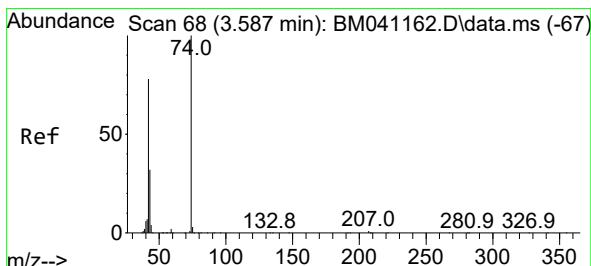
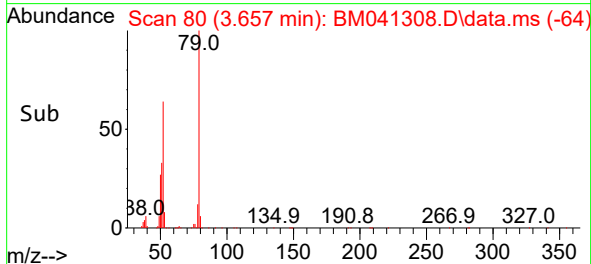
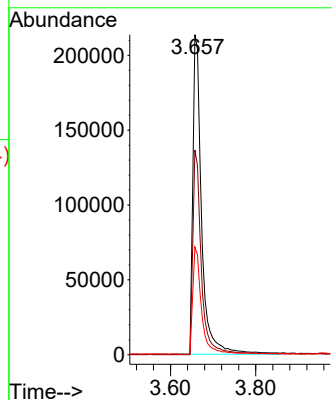
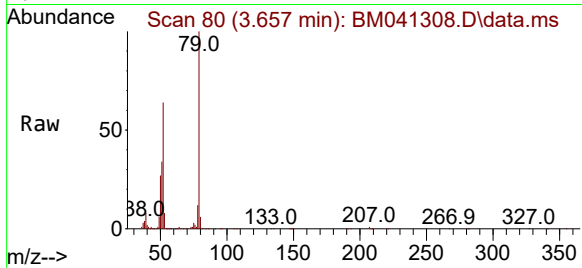




#3
 Pyridine
 Concen: 27.271 ng
 RT: 3.657 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041308.D
 Acq: 07 Aug 2023 12:24

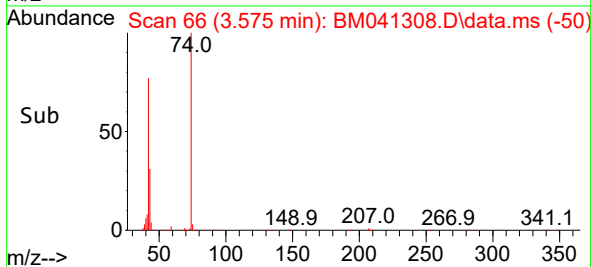
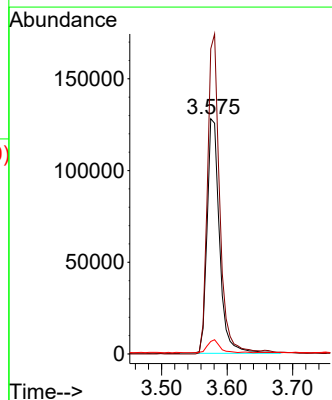
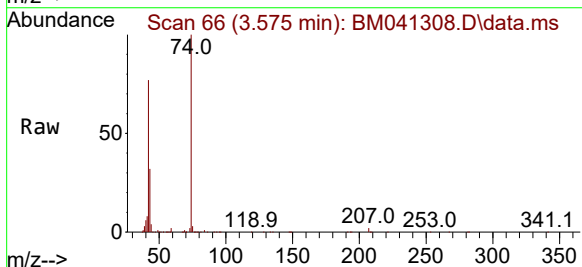
Instrument :
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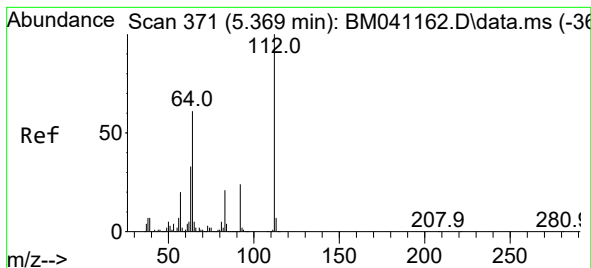
Tgt Ion: 79 Resp: 306883
 Ion Ratio Lower Upper
 79 100
 52 63.9 52.1 78.1
 51 33.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 32.553 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041308.D
 Acq: 07 Aug 2023 12:24

Tgt Ion: 42 Resp: 169423
 Ion Ratio Lower Upper
 42 100
 74 129.7 100.8 151.2
 44 5.3 5.0 7.4





#5

2-Fluorophenol

Concen: 105.521 ng

RT: 5.363 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

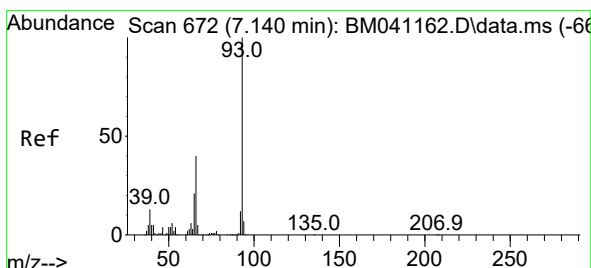
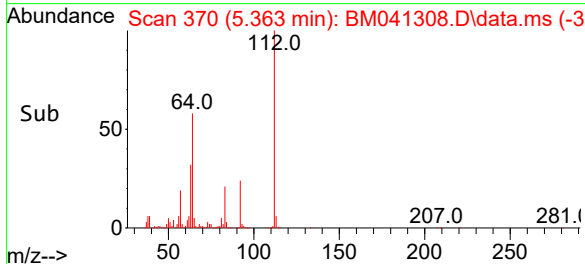
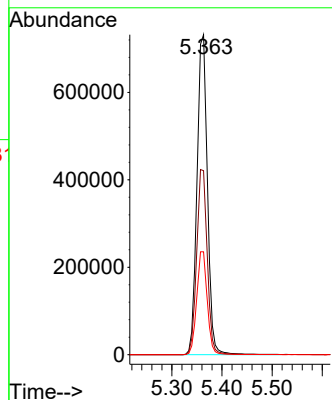
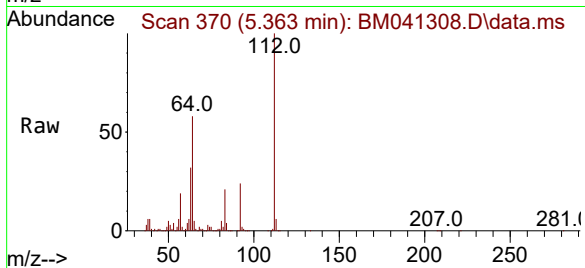
Tgt Ion:112 Resp: 1055690

Ion Ratio Lower Upper

112 100

64 57.5 48.5 72.7

63 32.2 26.5 39.7



#6

Aniline

Concen: 31.804 ng

RT: 7.122 min Scan# 669

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

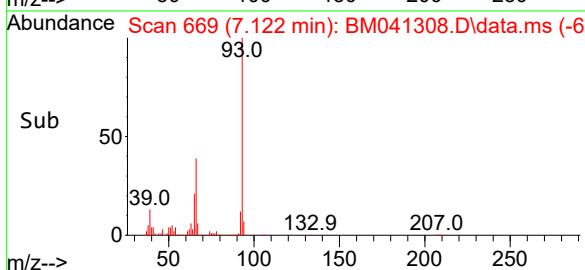
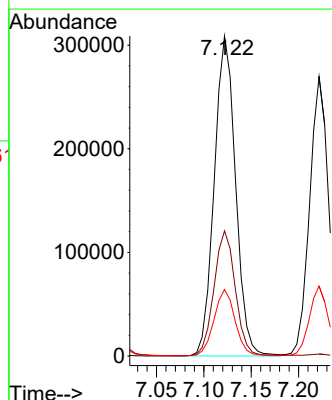
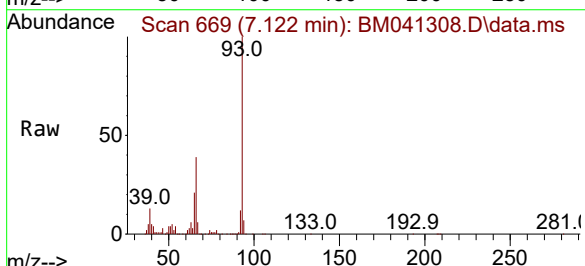
Tgt Ion: 93 Resp: 482691

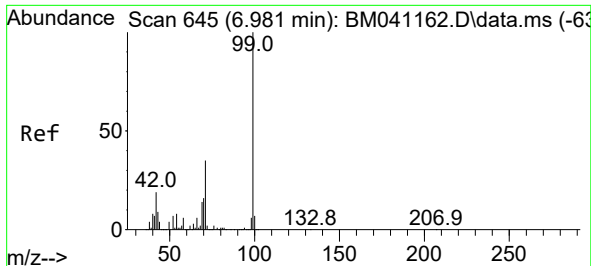
Ion Ratio Lower Upper

93 100

66 39.1 32.0 48.0

65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 98.897 ng

RT: 6.975 min Scan# 64

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

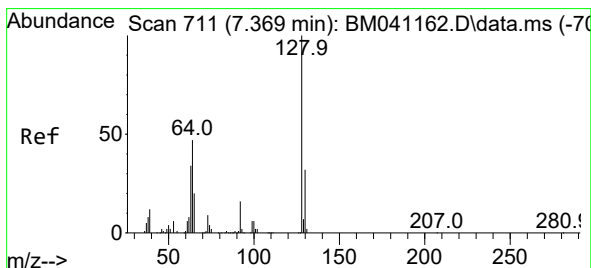
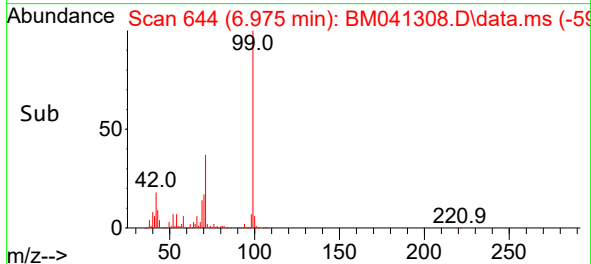
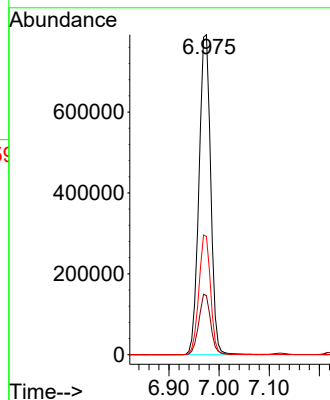
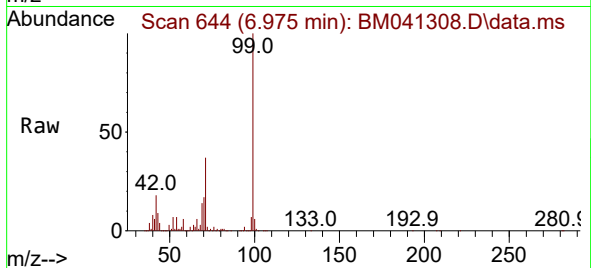
Tgt Ion: 99 Resp: 1282523

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 37.0 28.2 42.4



#8

2-Chlorophenol

Concen: 39.271 ng

RT: 7.351 min Scan# 708

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

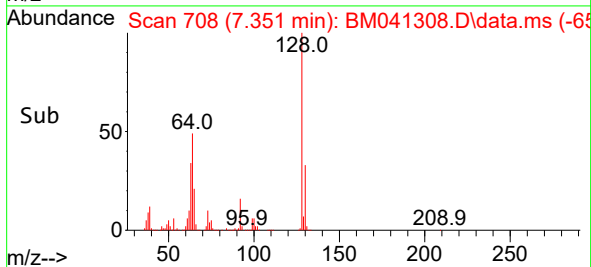
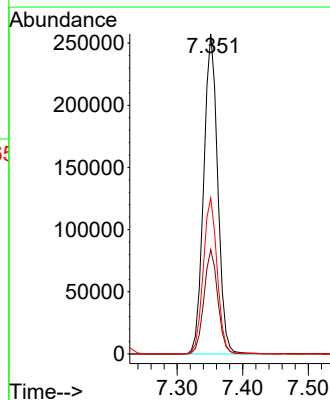
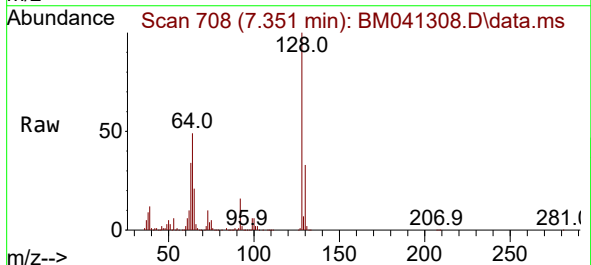
Tgt Ion: 128 Resp: 383558

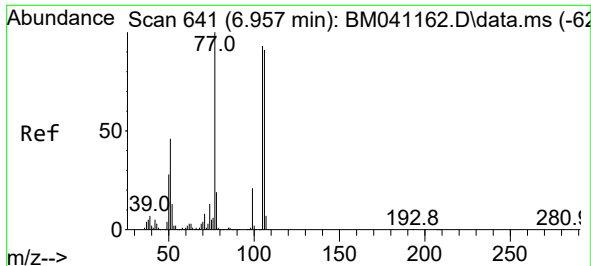
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 48.7 29.3 69.3

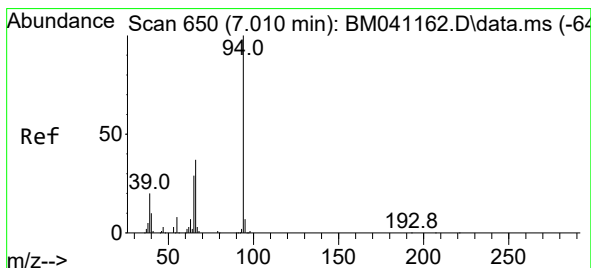
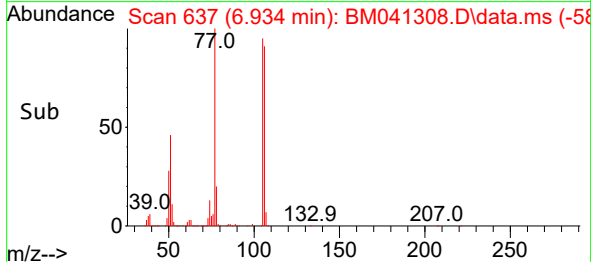
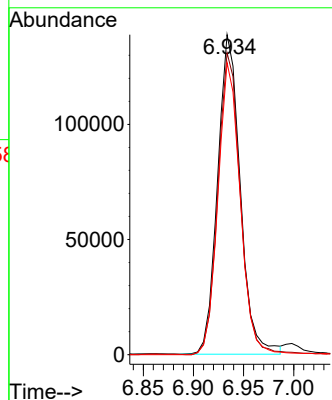
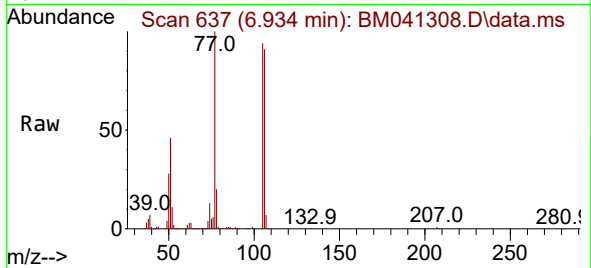




#9
Benzaldehyde
Concen: 31.859 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

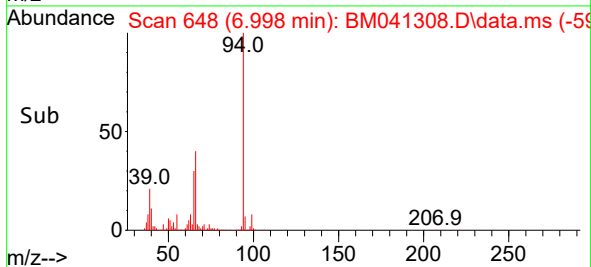
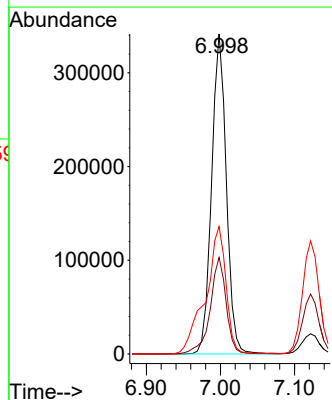
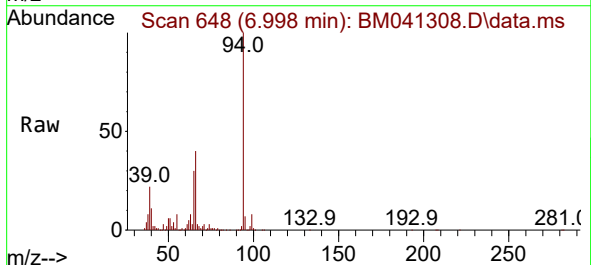
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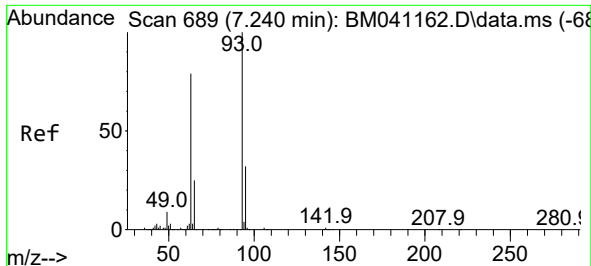
Tgt Ion: 77 Resp: 218006
Ion Ratio Lower Upper
77 100
105 94.3 72.8 112.8
106 91.2 70.8 110.8



#10
Phenol
Concen: 37.599 ng
RT: 6.998 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 94 Resp: 470939
Ion Ratio Lower Upper
94 100
65 30.2 9.5 49.5
66 39.8 18.0 58.0

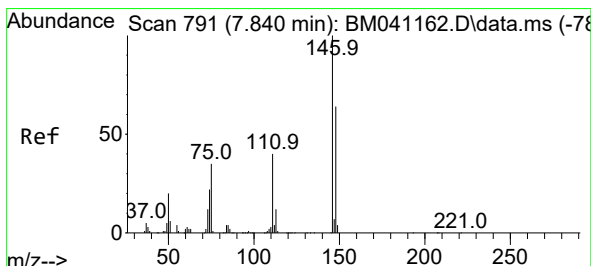
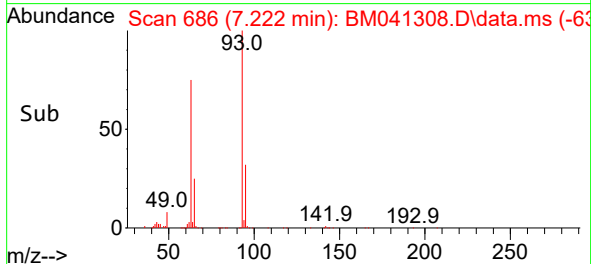
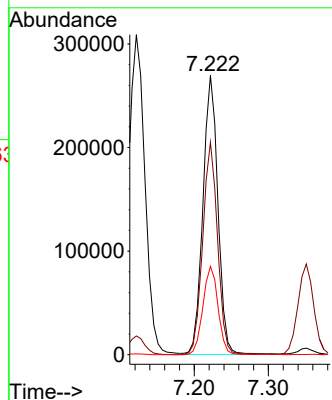
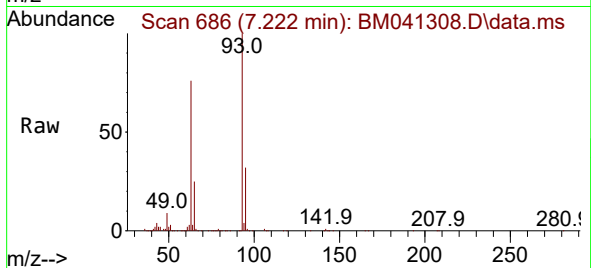




#11
bis(2-Chloroethyl)ether
Concen: 37.471 ng
RT: 7.222 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

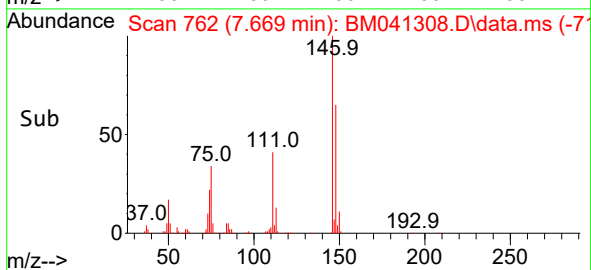
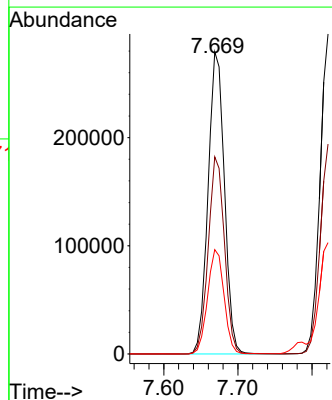
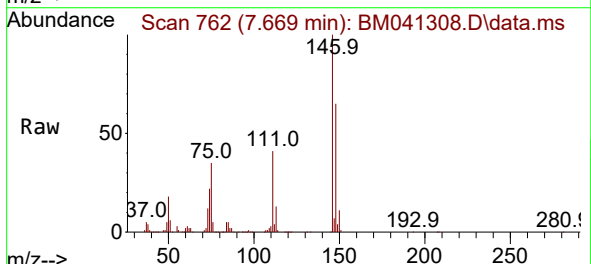
Instrument :
BNA_M
ClientSampleId :
PB154638BS

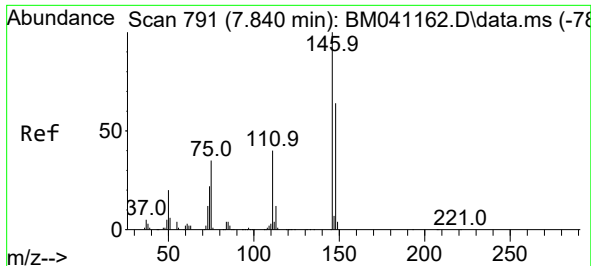
Tgt Ion: 93 Resp: 379913
Ion Ratio Lower Upper
93 100
63 76.1 58.8 98.8
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.223 ng
RT: 7.669 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 146 Resp: 427626
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 34.5 28.3 42.5

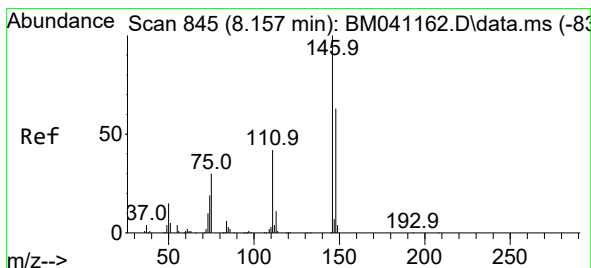
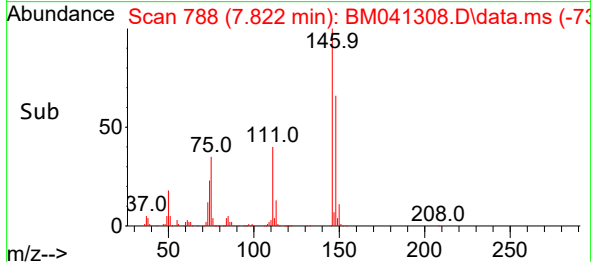
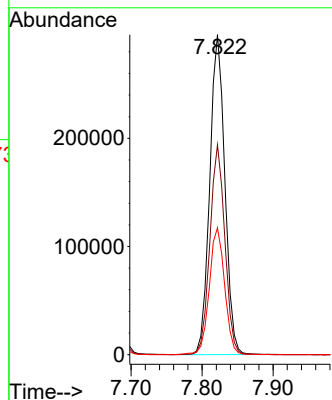
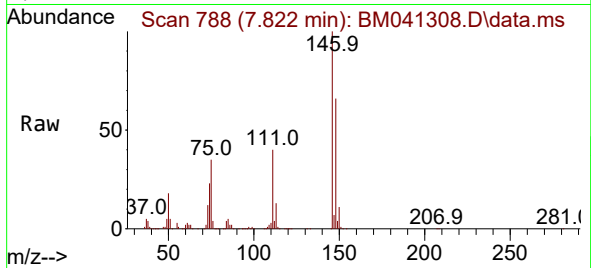




#13
1,4-Dichlorobenzene
Concen: 40.882 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

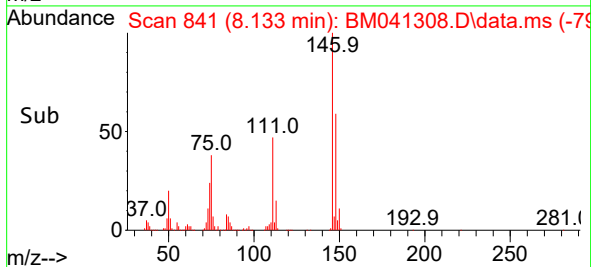
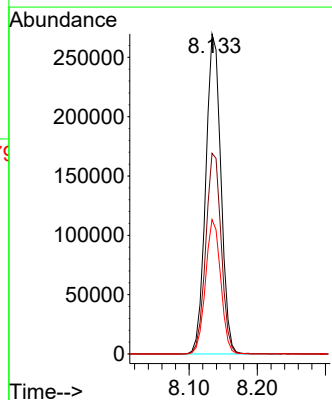
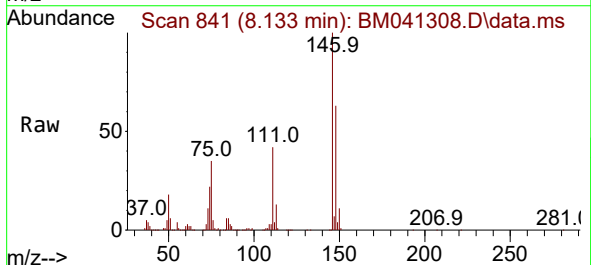
Instrument :
BNA_M
ClientSampleId :
PB154638BS

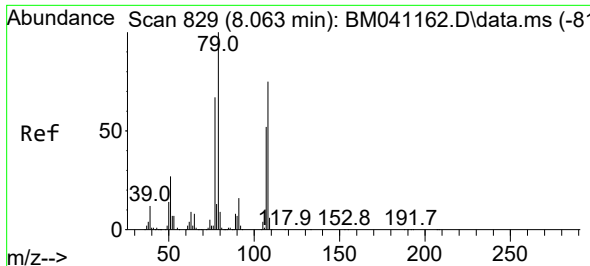
Tgt Ion:146 Resp: 436860
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
111 39.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 40.875 ng
RT: 8.133 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:146 Resp: 418800
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 42.0 33.8 50.6

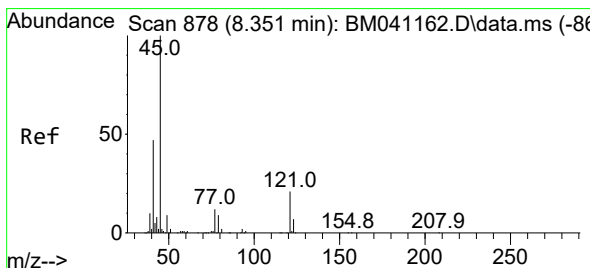
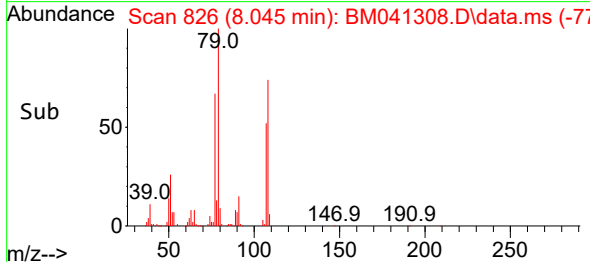
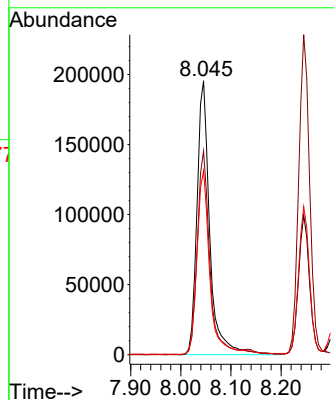
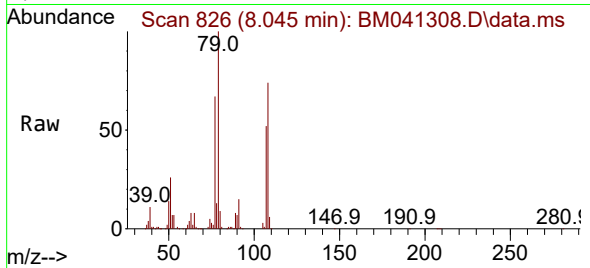




#15
Benzyl Alcohol
Concen: 42.227 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

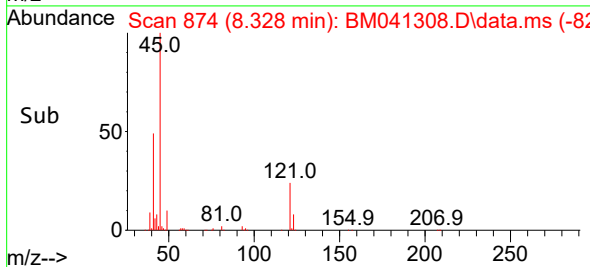
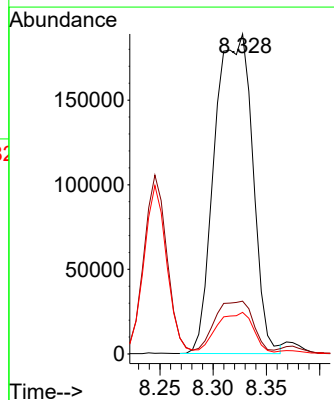
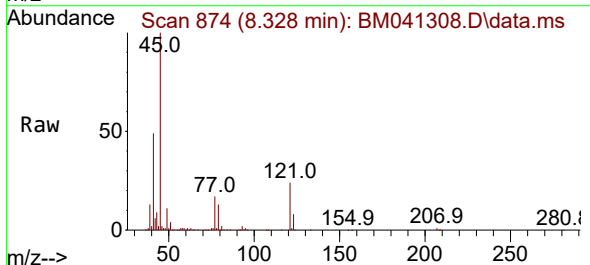
Instrument :
BNA_M
ClientSampleId :
PB154638BS

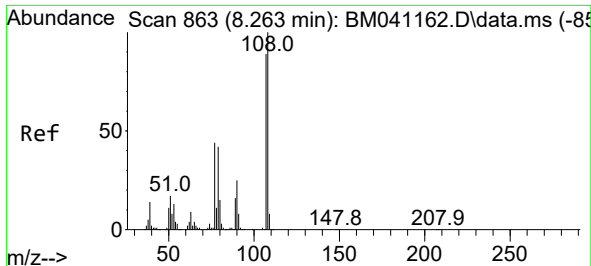
Tgt Ion: 79 Resp: 345825
Ion Ratio Lower Upper
79 100
108 74.3 59.8 89.8
77 67.1 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.497 ng
RT: 8.328 min Scan# 874
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 45 Resp: 466017
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.5
79 13.0 0.0 32.1

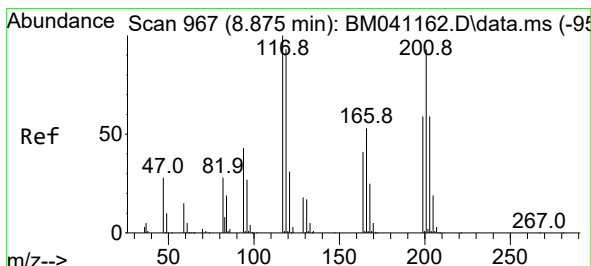
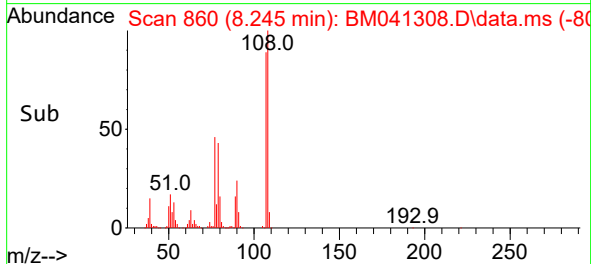
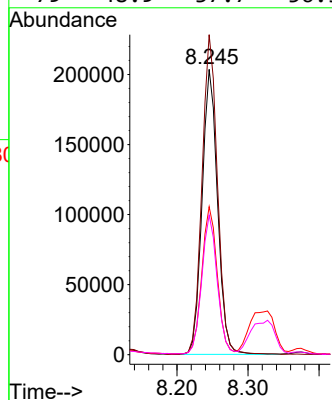
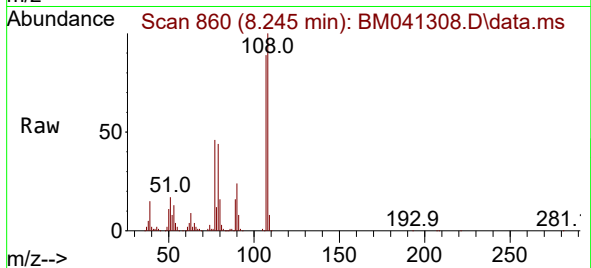




#17
2-Methylphenol
Concen: 36.083 ng
RT: 8.245 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

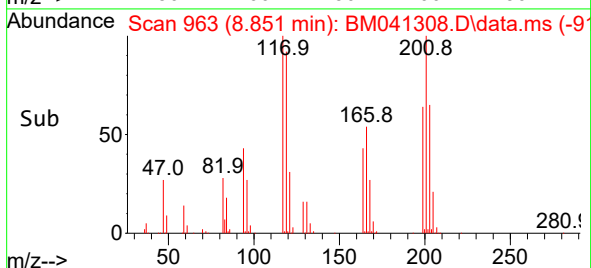
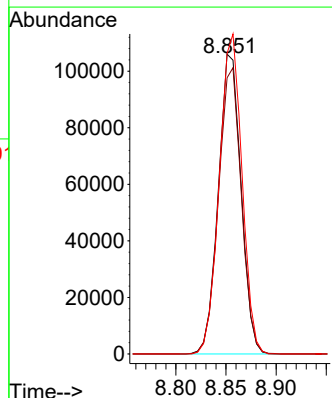
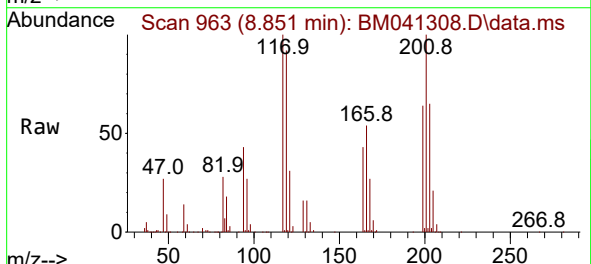
Instrument :
BNA_M
ClientSampleId :
PB154638BS

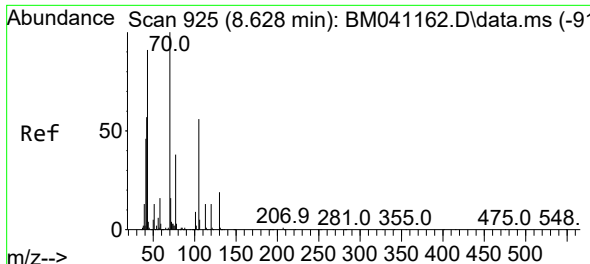
Tgt Ion:107 Resp: 308772
Ion Ratio Lower Upper
107 100
108 112.2 89.9 134.9
77 51.9 39.8 59.8
79 48.9 37.7 56.5



#18
Hexachloroethane
Concen: 41.951 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:117 Resp: 166892
Ion Ratio Lower Upper
117 100
119 92.1 74.2 111.4
201 100.2 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.712 ng

RT: 8.604 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

Tgt Ion: 70 Resp: 297052

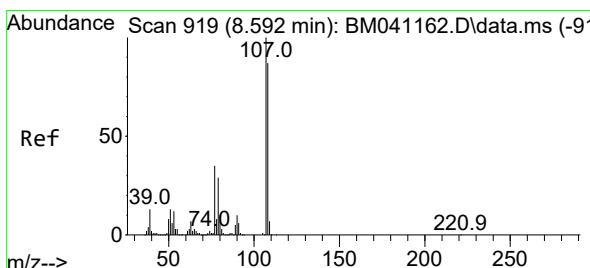
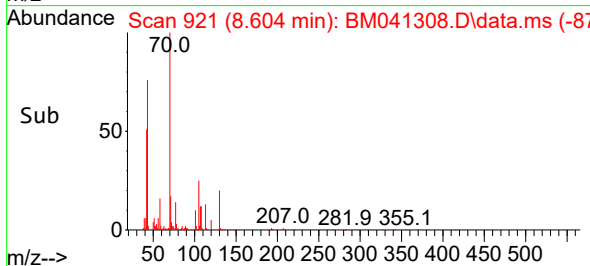
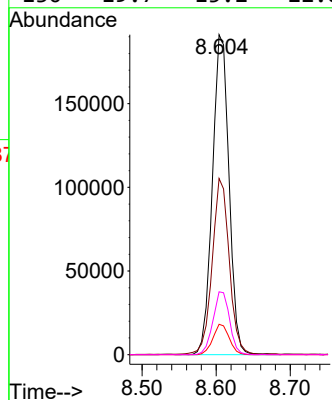
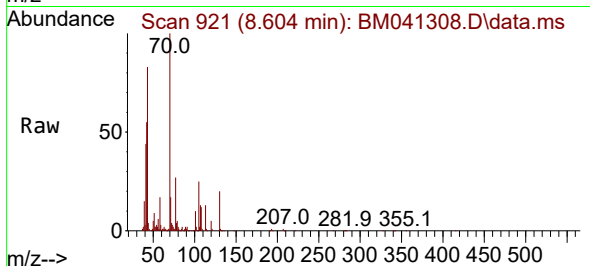
Ion Ratio Lower Upper

70 100

42 55.0 45.8 68.8

101 9.5 7.4 11.0

130 19.7 15.2 22.8



#20

3+4-Methylphenols

Concen: 36.057 ng

RT: 8.580 min Scan# 917

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion: 107 Resp: 412549

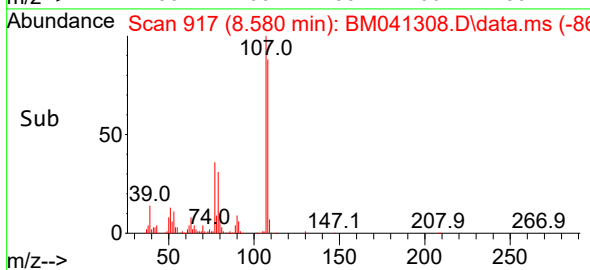
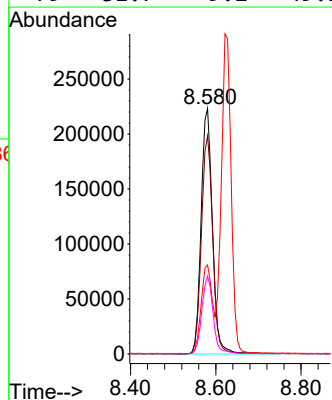
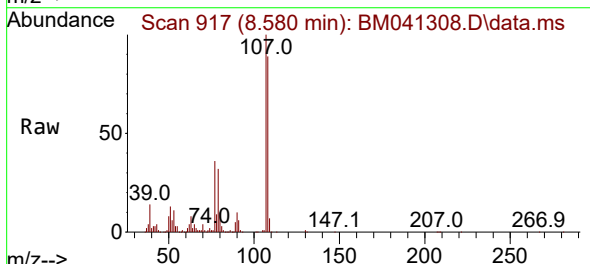
Ion Ratio Lower Upper

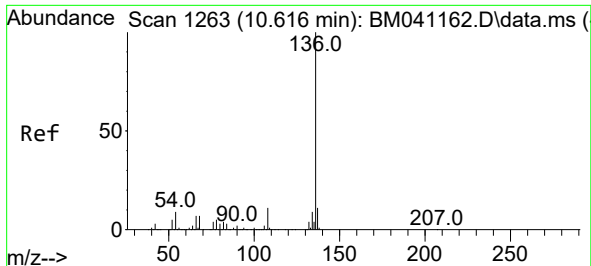
107 100

108 88.8 67.2 107.2

77 36.2 15.4 55.4

79 31.7 9.2 49.2

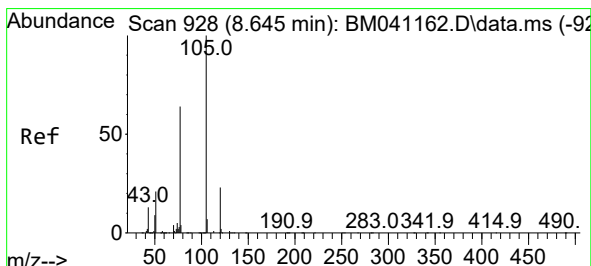
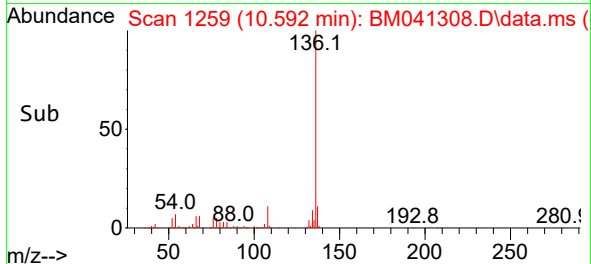
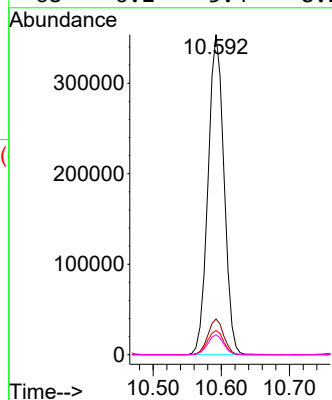
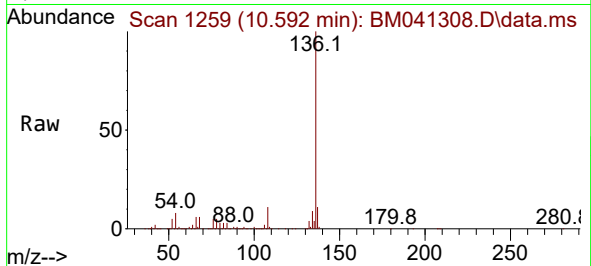




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

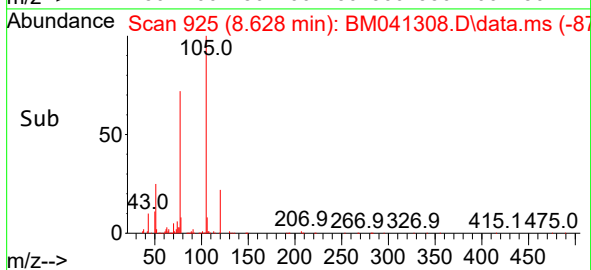
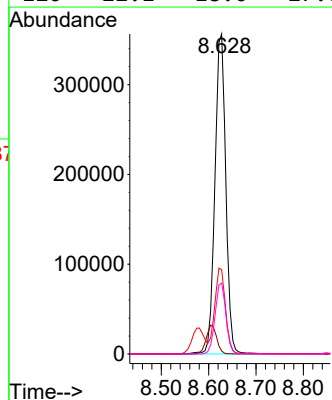
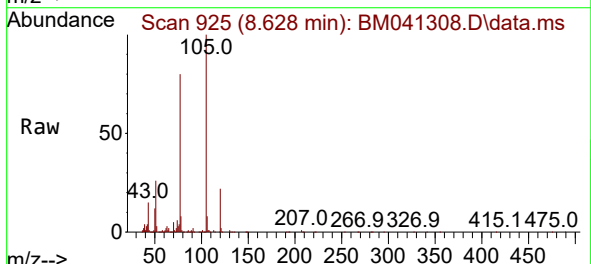
Instrument :
BNA_M
ClientSampleId :
PB154638BS

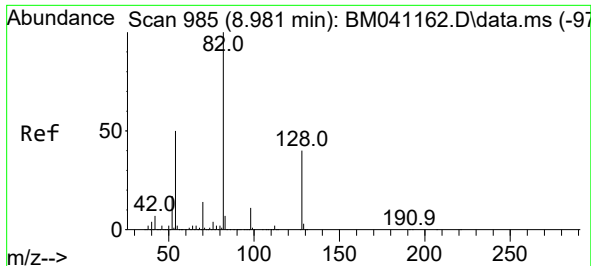
Tgt Ion:136 Resp: 574647
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 6.9 10.3
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 37.476 ng
RT: 8.628 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:105 Resp: 570356
Ion Ratio Lower Upper
105 100
71 0.9 1.2 1.8#
51 26.4 22.0 33.0
120 22.1 18.0 27.0

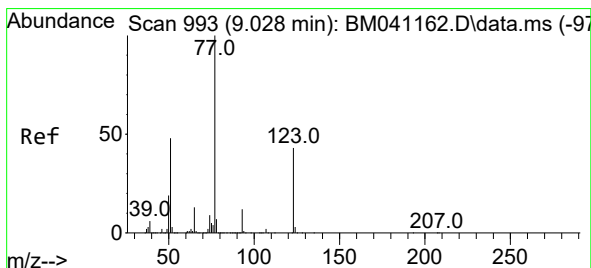
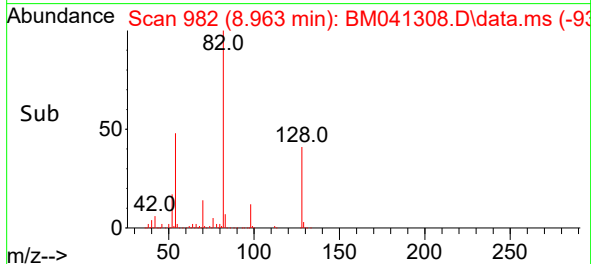
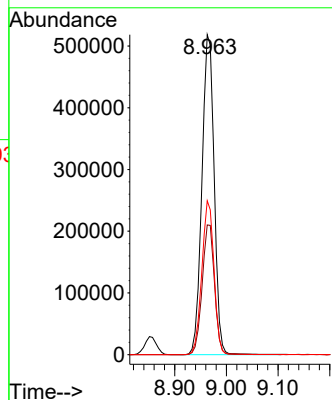
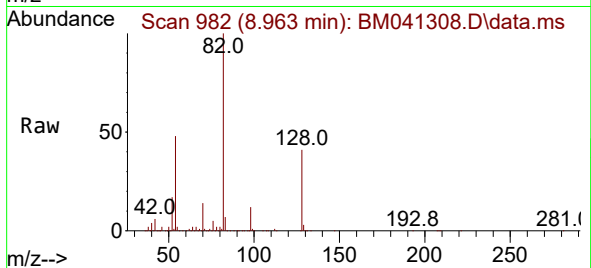




#23
Nitrobenzene-d5
Concen: 69.074 ng
RT: 8.963 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

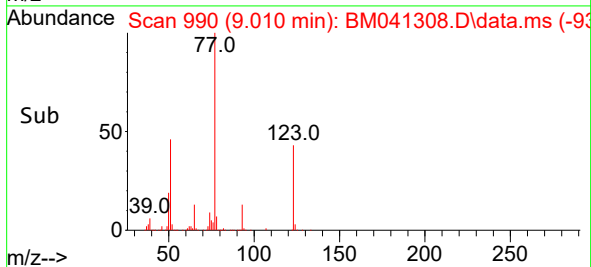
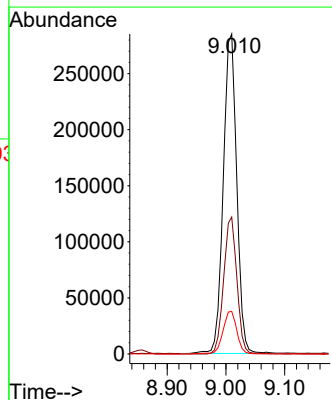
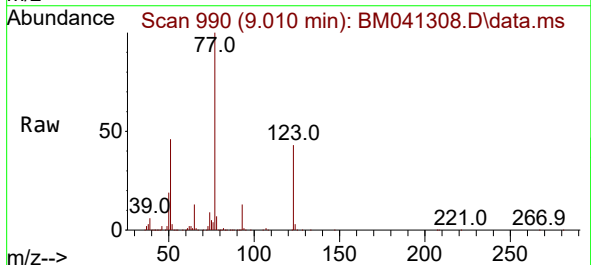
Instrument :
BNA_M
ClientSampleId :
PB154638BS

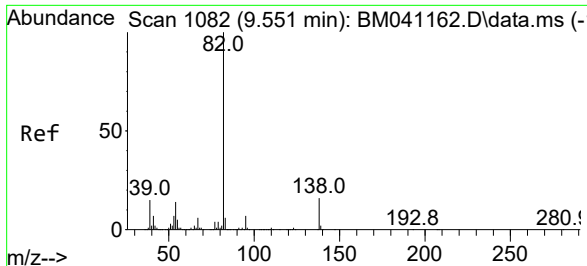
Tgt Ion: 82 Resp: 853528
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 48.1 40.1 60.1



#24
Nitrobenzene
Concen: 36.218 ng
RT: 9.010 min Scan# 990
Delta R.T. 0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 77 Resp: 452585
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.2
65 13.3 10.7 16.1





#25

Isophorone

Concen: 37.120 ng

RT: 9.533 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

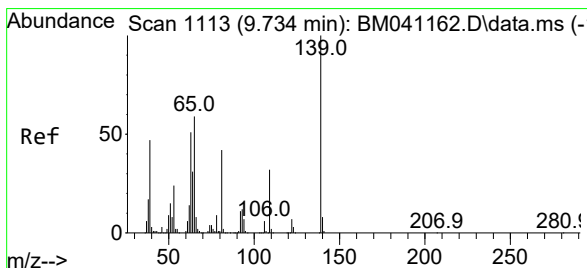
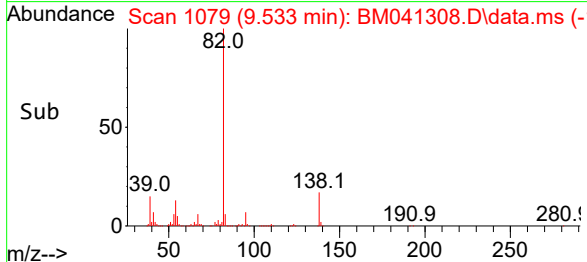
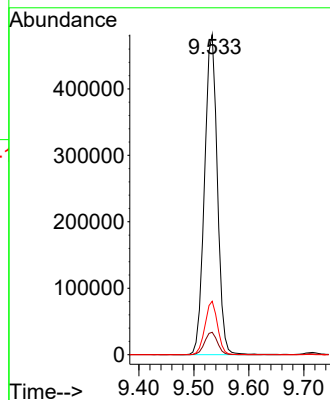
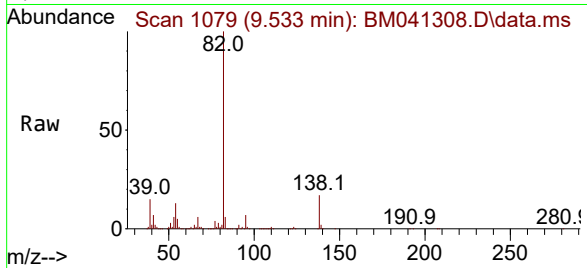
Tgt Ion: 82 Resp: 778629

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 16.7 12.8 19.2



#26

2-Nitrophenol

Concen: 41.715 ng

RT: 9.716 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

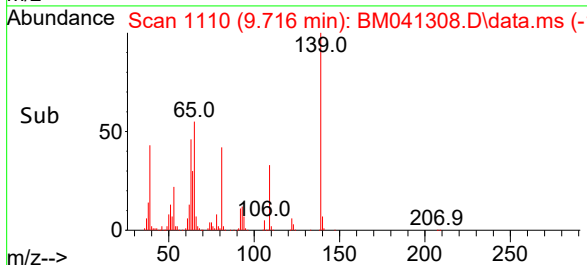
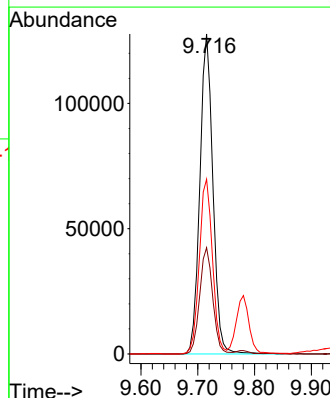
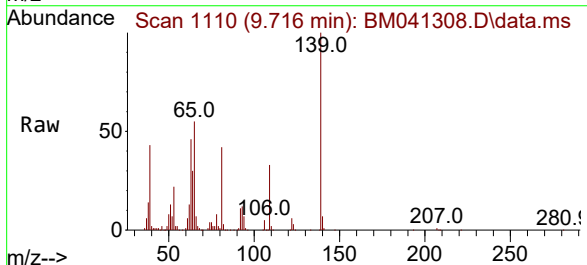
Tgt Ion: 139 Resp: 203780

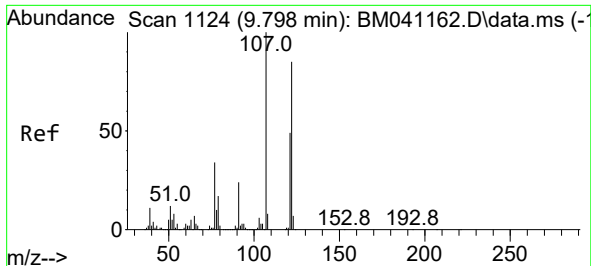
Ion Ratio Lower Upper

139 100

109 33.2 25.4 38.2

65 54.6 47.2 70.8

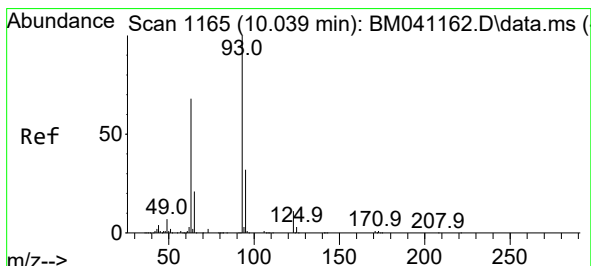
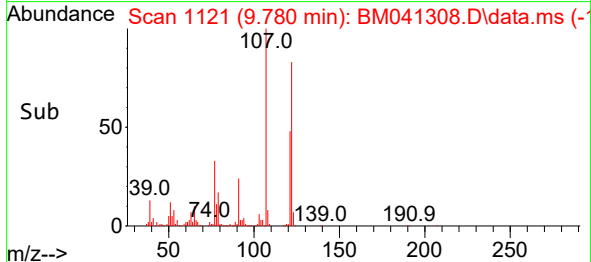
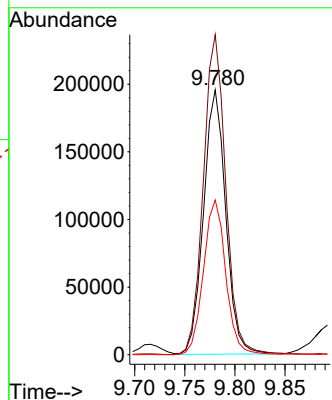
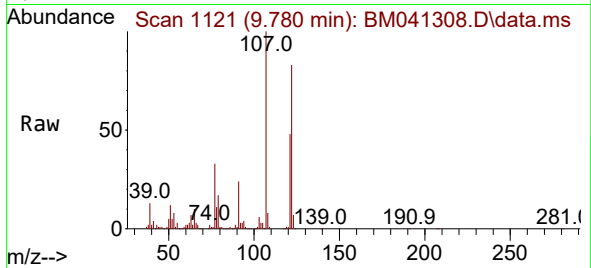




#27
2,4-Dimethylphenol
Concen: 35.141 ng
RT: 9.780 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

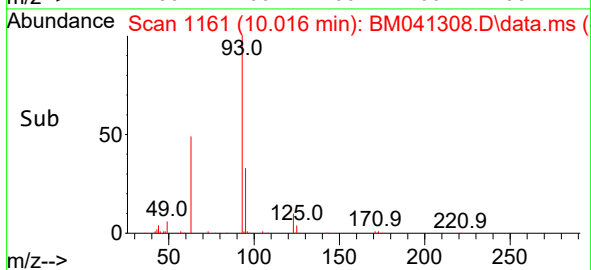
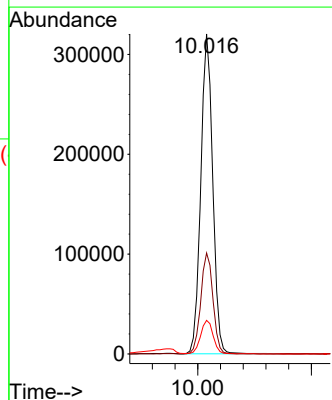
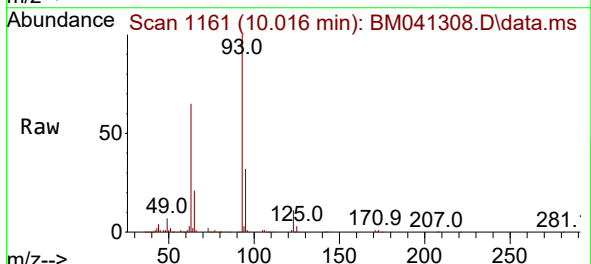
Instrument :
BNA_M
ClientSampleId :
PB154638BS

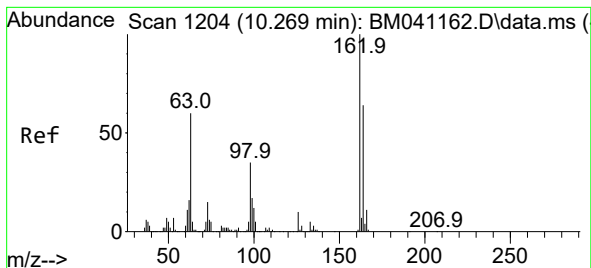
Tgt Ion:122 Resp: 302074
Ion Ratio Lower Upper
122 100
107 120.8 94.3 141.5
121 58.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.557 ng
RT: 10.016 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 93 Resp: 467195
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 10.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.428 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

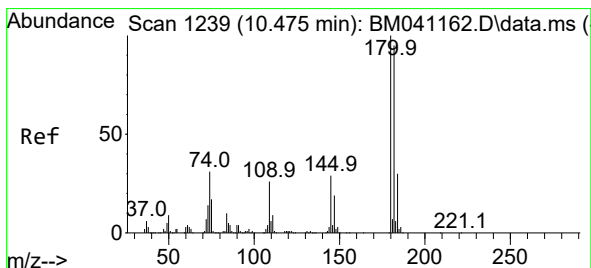
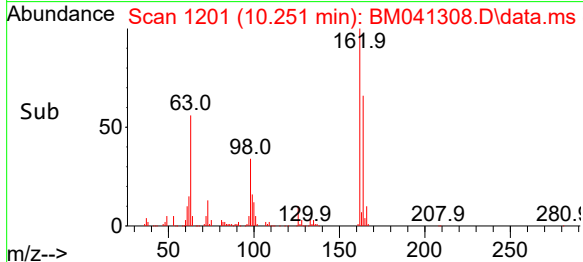
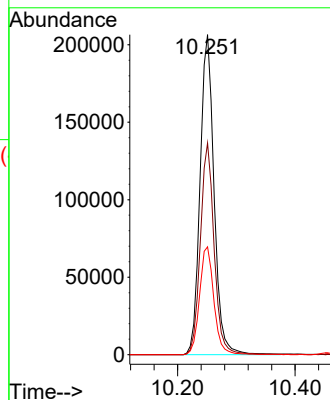
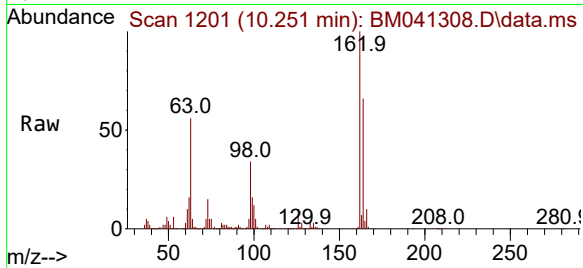
Tgt Ion:162 Resp: 341789

Ion Ratio Lower Upper

162 100

164 66.2 44.3 84.3

98 33.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 41.183 ng

RT: 10.457 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

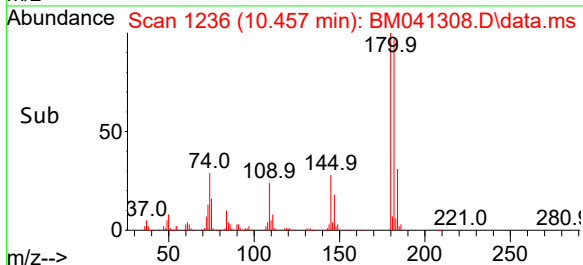
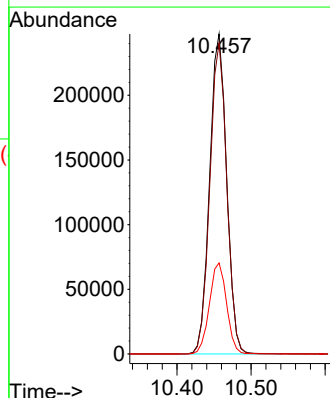
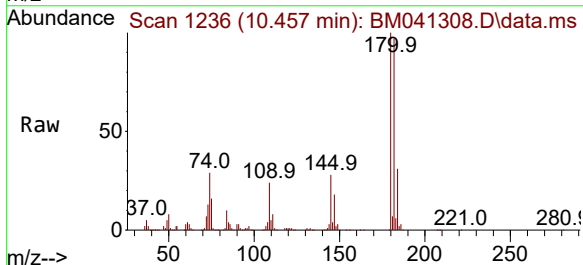
Tgt Ion:180 Resp: 394436

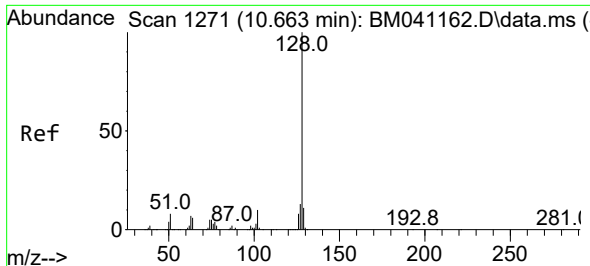
Ion Ratio Lower Upper

180 100

182 97.2 75.9 113.9

145 28.4 23.6 35.4

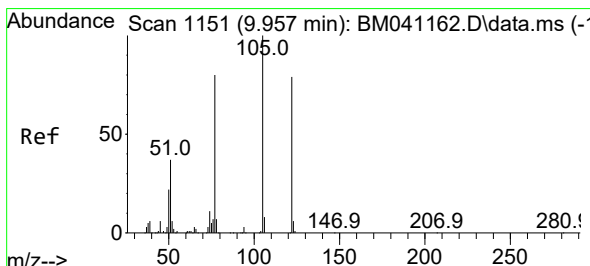
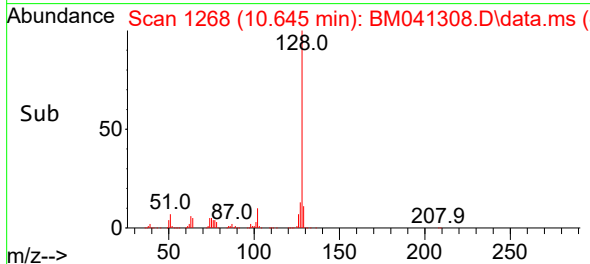
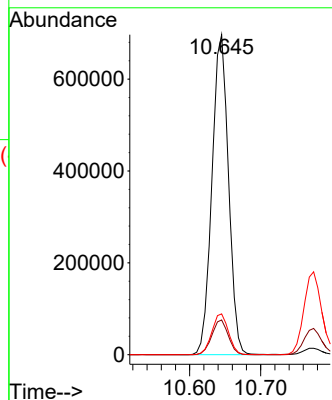
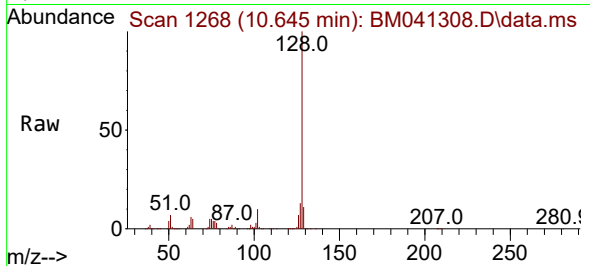




#31
Naphthalene
Concen: 36.078 ng
RT: 10.645 min Scan# 1125033
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

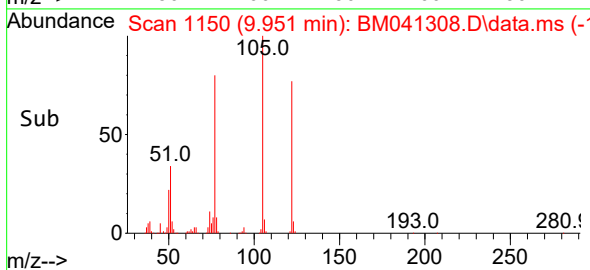
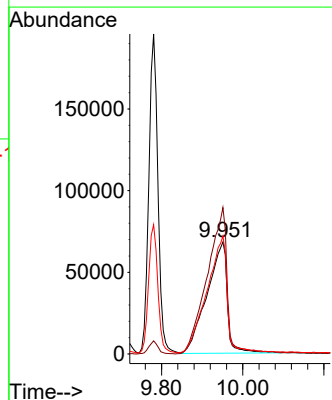
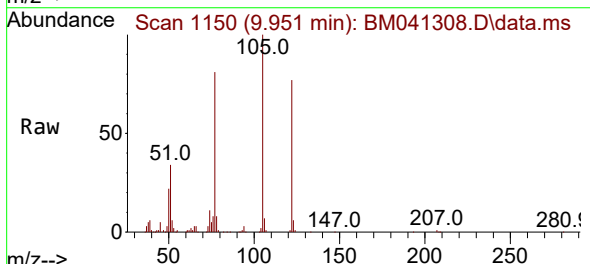
Instrument :
BNA_M
ClientSampleId :
PB154638BS

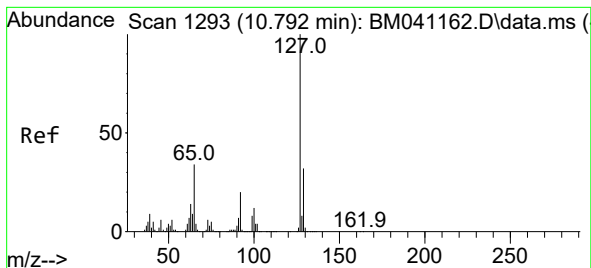
Tgt Ion:128 Resp: 1125033
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 38.316 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:122 Resp: 236417
Ion Ratio Lower Upper
122 100
105 130.7 104.0 144.0
77 105.3 79.9 119.9





#33

4-Chloroaniline

Concen: 25.764 ng

RT: 10.774 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

Tgt Ion:127 Resp: 321078

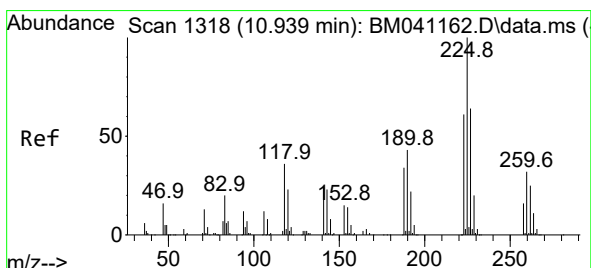
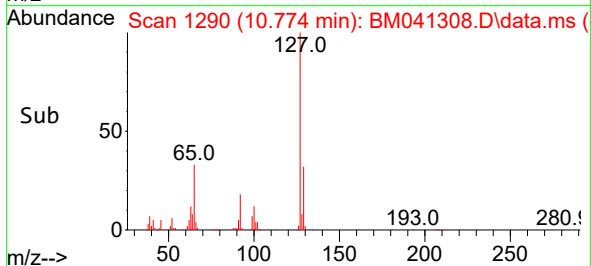
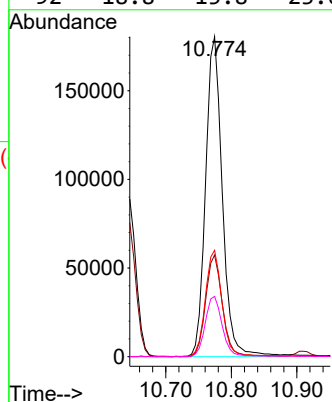
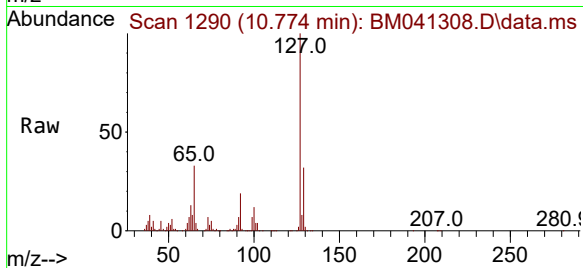
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 33.2 26.9 40.3

92 18.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 43.932 ng

RT: 10.910 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

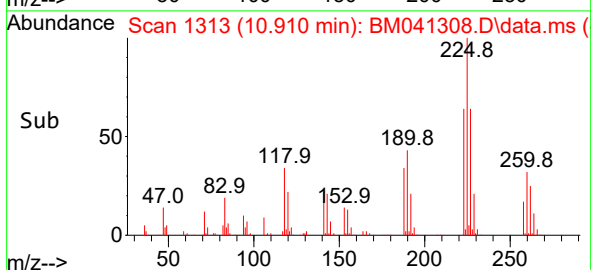
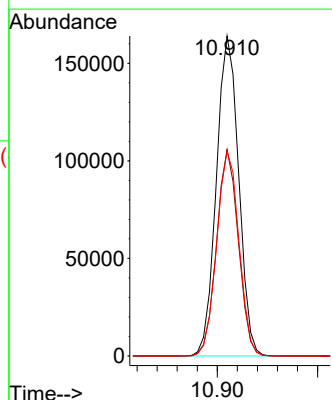
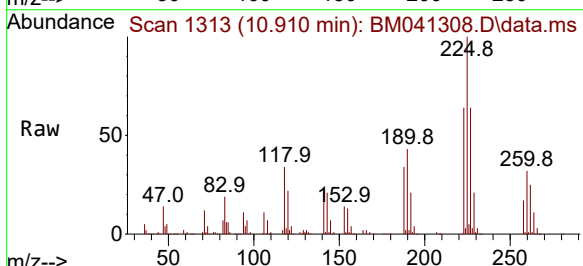
Tgt Ion:225 Resp: 253058

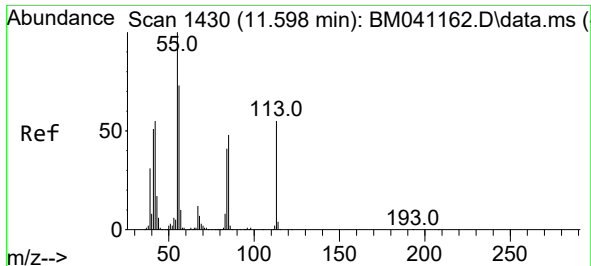
Ion Ratio Lower Upper

225 100

223 64.5 49.0 73.4

227 64.1 50.8 76.2

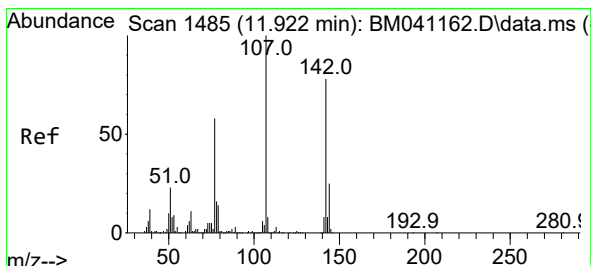
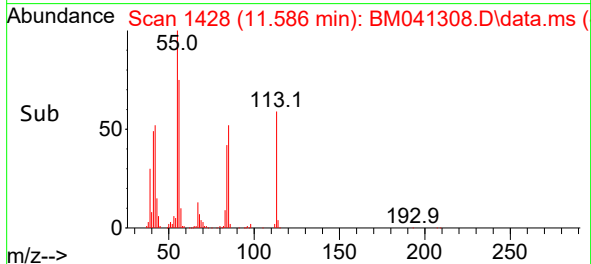
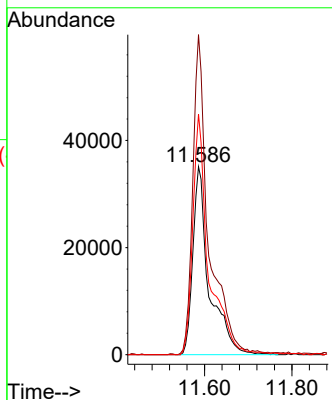
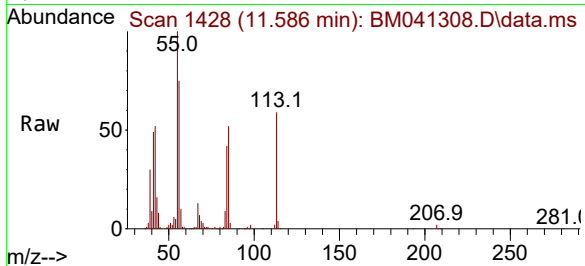




#35
Caprolactam
Concen: 36.378 ng
RT: 11.586 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

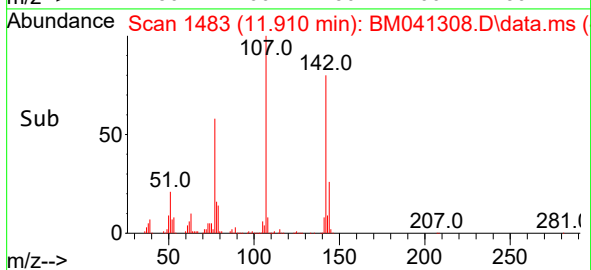
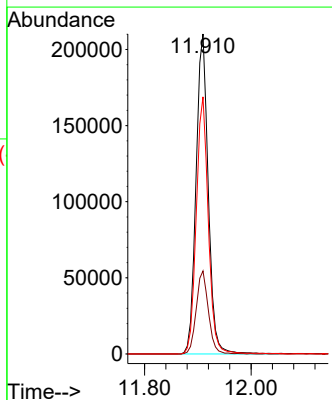
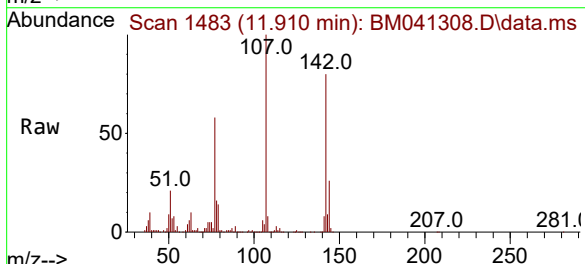
Instrument :
BNA_M
ClientSampleId :
PB154638BS

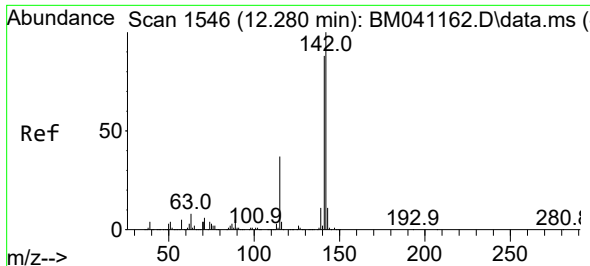
Tgt Ion:113 Resp: 91225
Ion Ratio Lower Upper
113 100
55 170.3 162.5 202.5
56 128.1 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 36.751 ng
RT: 11.910 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:107 Resp: 335314
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 80.3 62.2 93.4

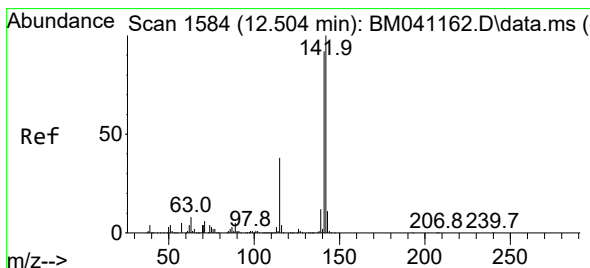
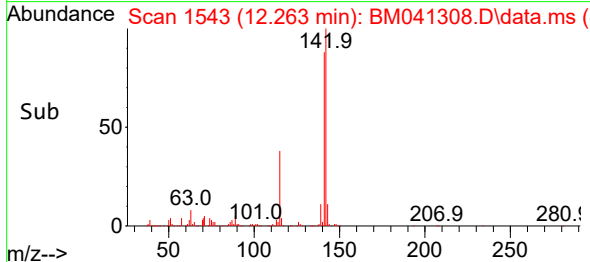
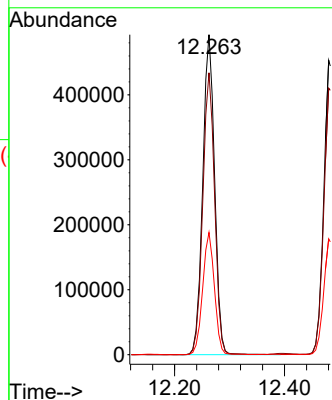
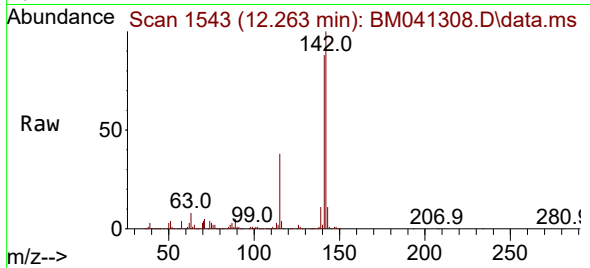




#37
2-Methylnaphthalene
Concen: 35.159 ng
RT: 12.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

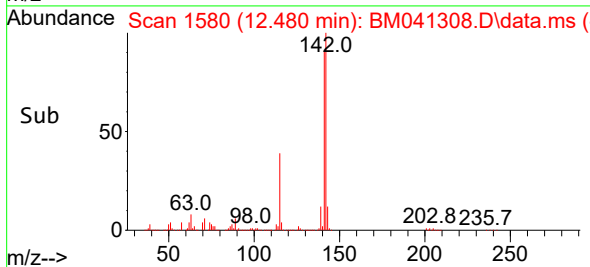
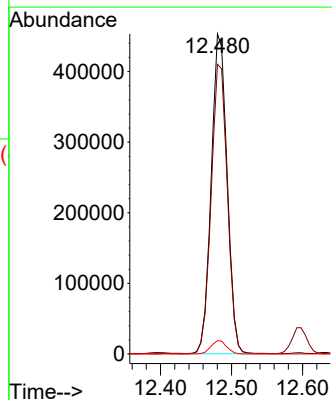
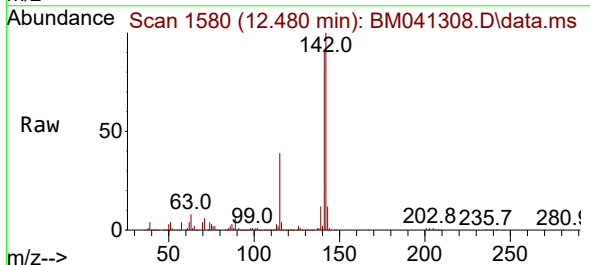
Instrument :
BNA_M
ClientSampleId :
PB154638BS

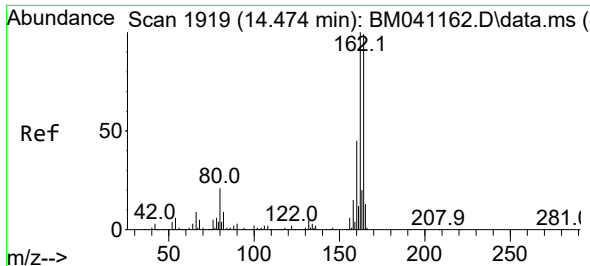
Tgt Ion:142 Resp: 739162
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1
115 38.2 29.3 43.9



#38
1-Methylnaphthalene
Concen: 35.764 ng
RT: 12.480 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:142 Resp: 703711
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2
116 4.1 3.2 4.8

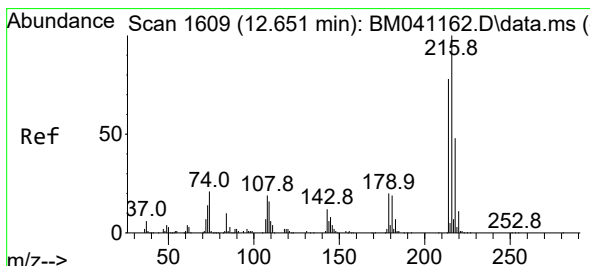
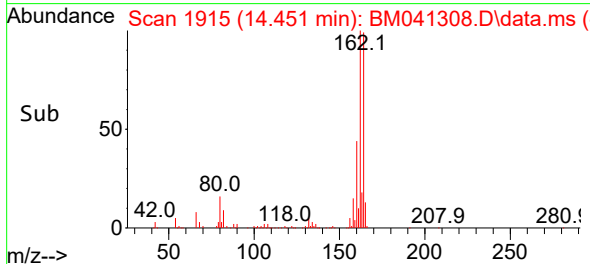
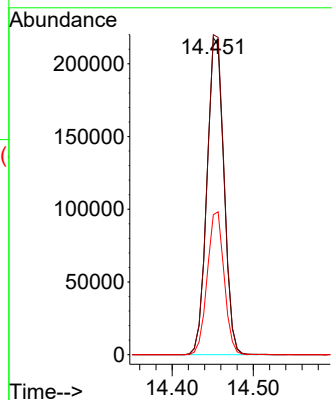
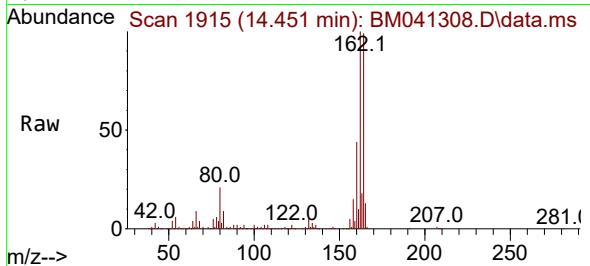




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

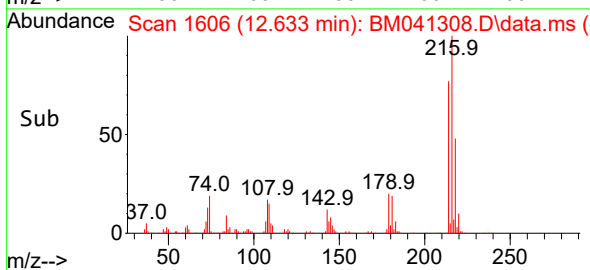
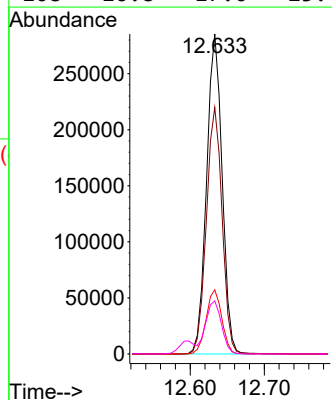
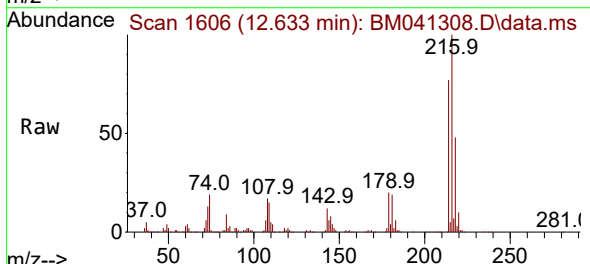
Instrument :
BNA_M
ClientSampleId :
PB154638BS

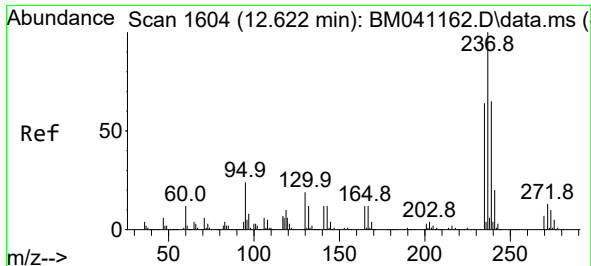
Tgt Ion:164 Resp: 314862
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 44.2 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.680 ng
RT: 12.633 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

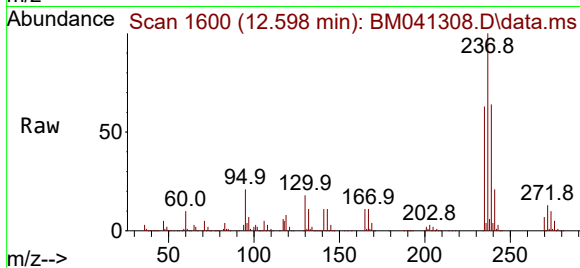
Tgt Ion:216 Resp: 415907
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 20.3 16.2 24.2
108 16.8 17.0 25.4#



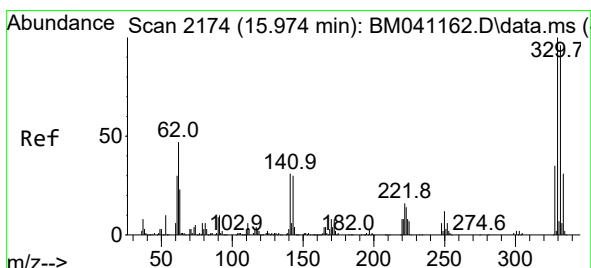
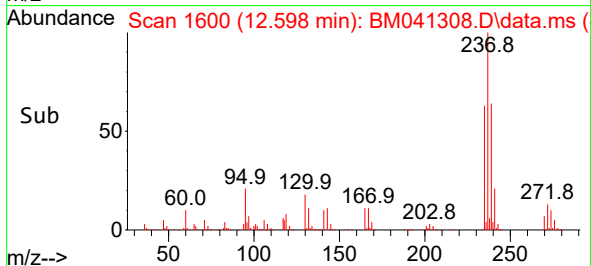
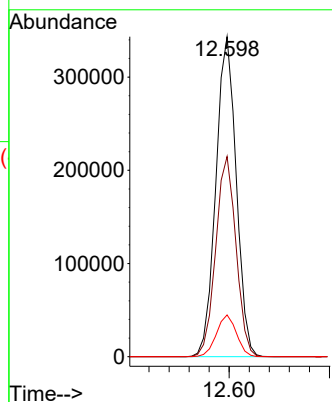


#41
Hexachlorocyclopentadiene
Concen: 89.351 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Instrument :
BNA_M
ClientSampleId :
PB154638BS

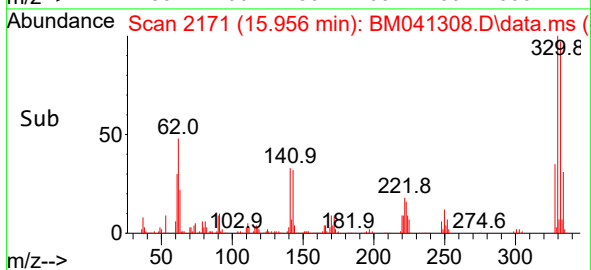
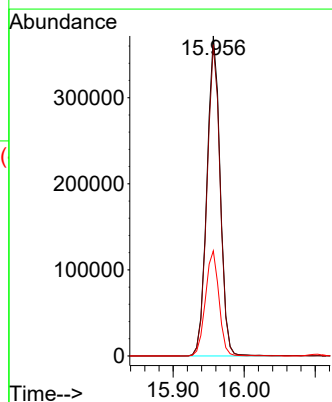
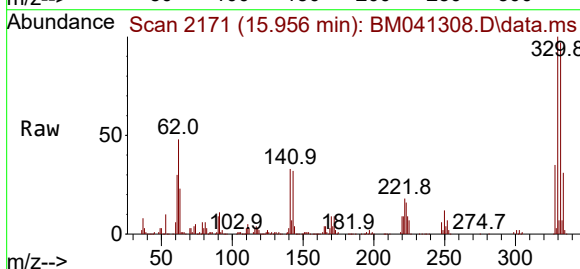


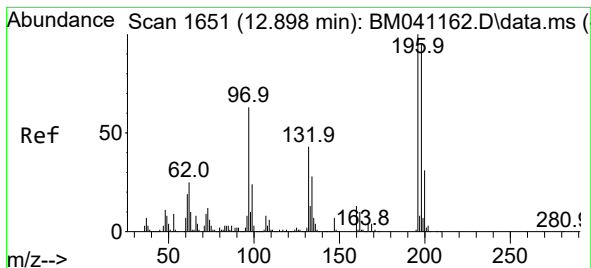
Tgt Ion:237 Resp: 483291
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 108.603 ng
RT: 15.956 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:330 Resp: 483669
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.5 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.731 ng

RT: 12.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

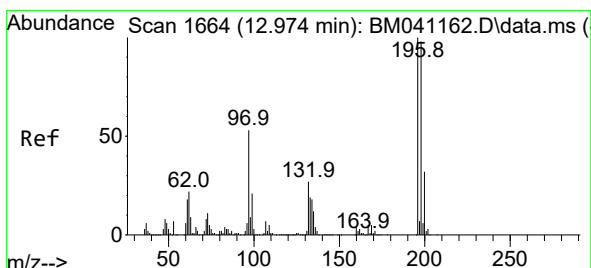
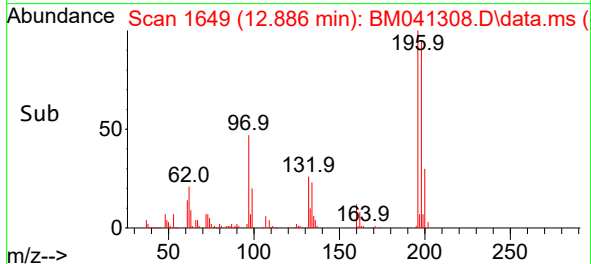
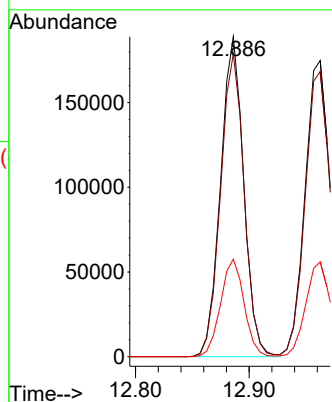
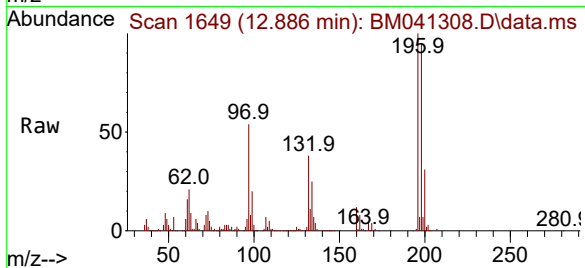
Tgt Ion:196 Resp: 266910

Ion Ratio Lower Upper

196 100

198 94.6 76.2 114.4

200 30.5 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 37.538 ng

RT: 12.963 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:196 Resp: 284711

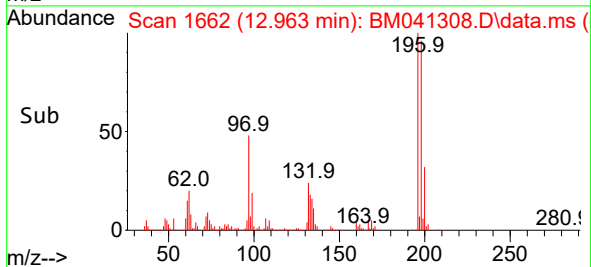
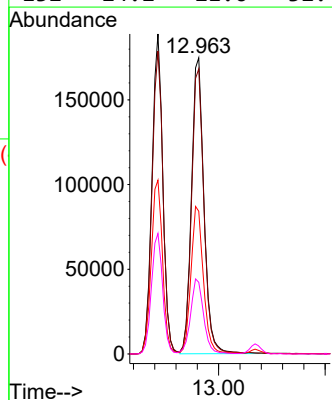
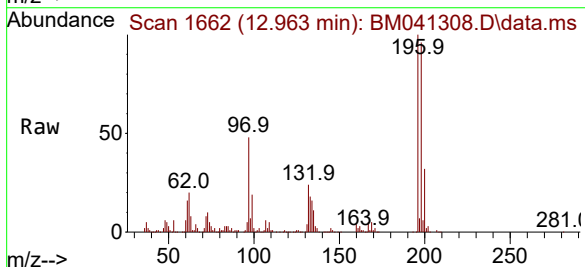
Ion Ratio Lower Upper

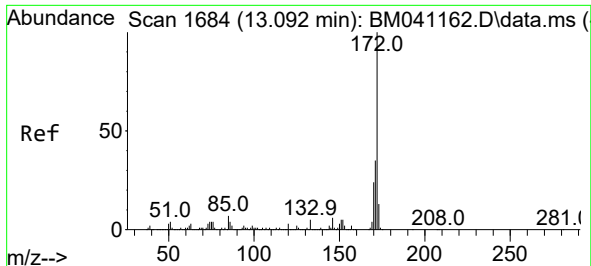
196 100

198 96.3 78.2 117.4

97 48.2 42.7 64.1

132 24.2 21.6 32.4

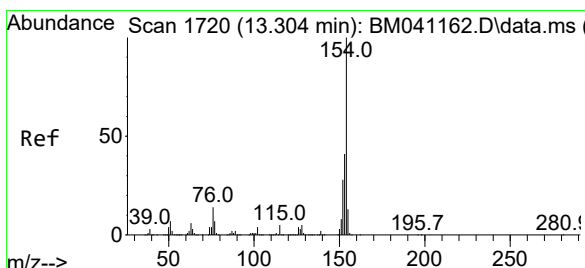
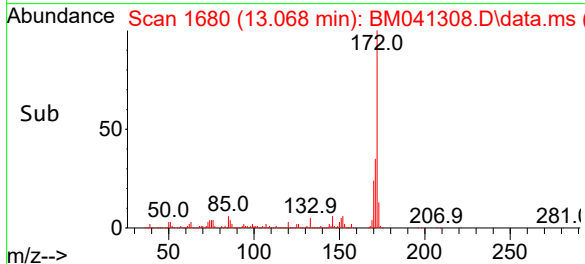
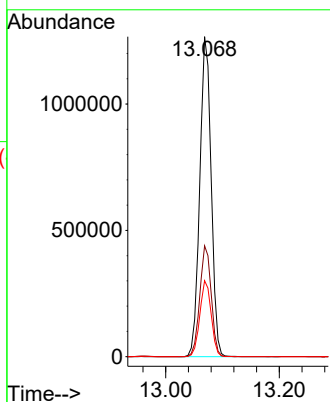
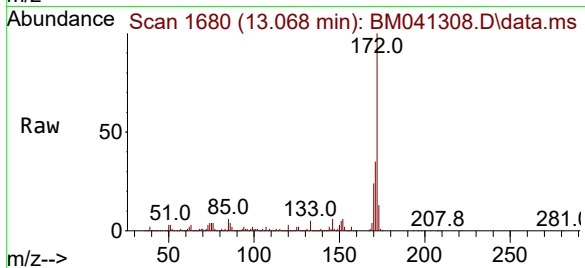




#45
2-Fluorobiphenyl
Concen: 70.688 ng
RT: 13.068 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

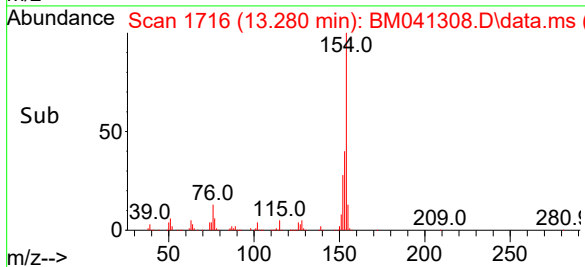
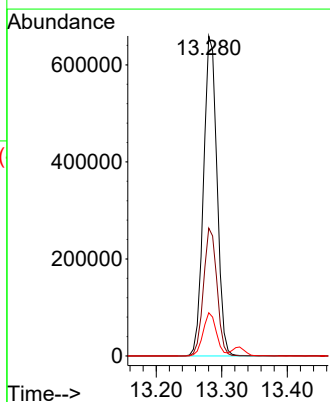
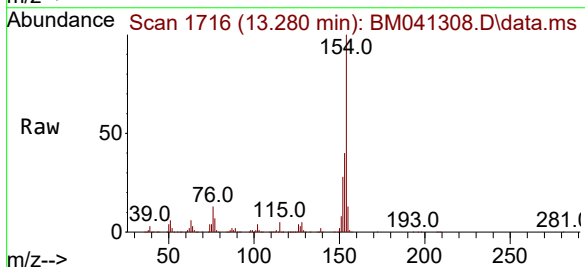
Instrument :
BNA_M
ClientSampleId :
PB154638BS

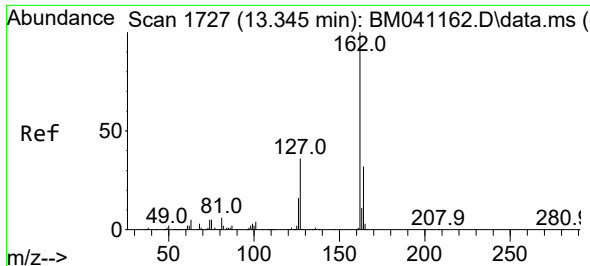
Tgt Ion:172 Resp: 1761875
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.037 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:154 Resp: 945388
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 13.5 0.0 34.1

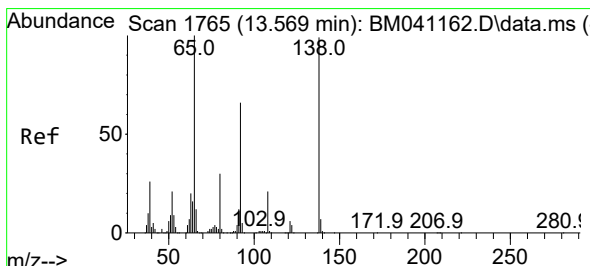
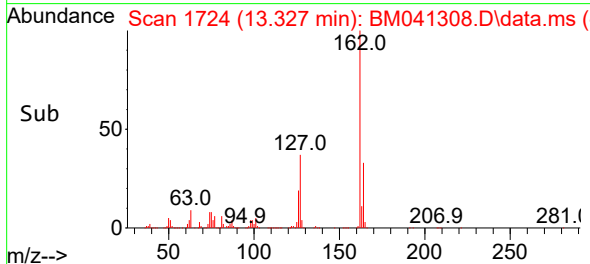
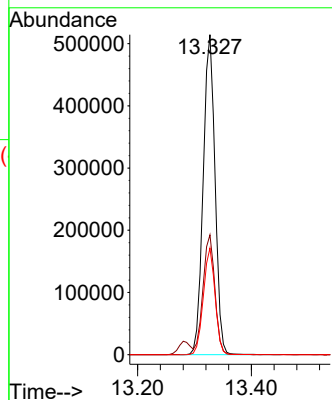
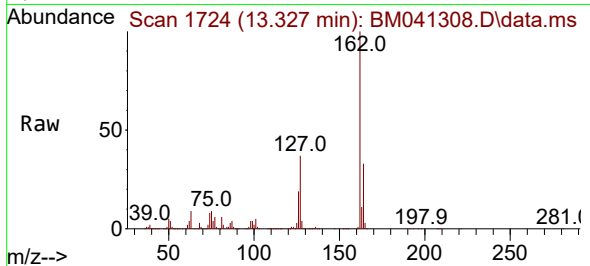




#47
2-Chloronaphthalene
Concen: 39.088 ng
RT: 13.327 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

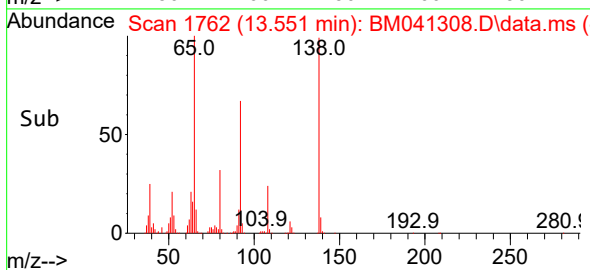
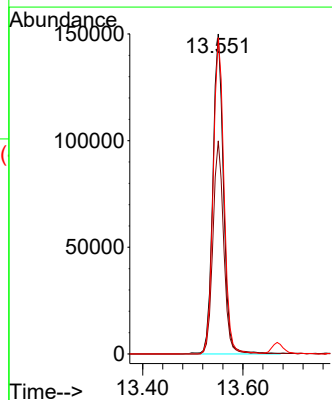
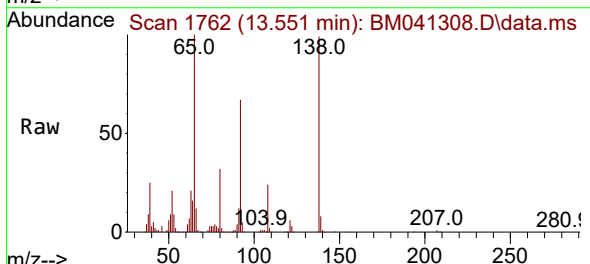
Instrument :
BNA_M
ClientSampleId :
PB154638BS

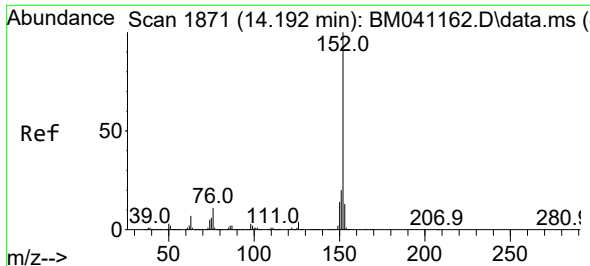
Tgt Ion:162 Resp: 744982
Ion Ratio Lower Upper
162 100
127 37.5 30.6 45.8
164 33.3 25.6 38.4



#48
2-Nitroaniline
Concen: 36.415 ng
RT: 13.551 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 65 Resp: 221535
Ion Ratio Lower Upper
65 100
92 66.6 53.0 79.4
138 98.8 79.1 118.7

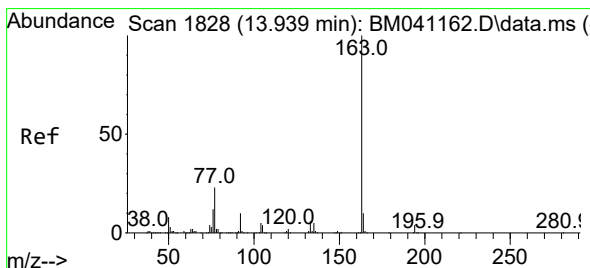
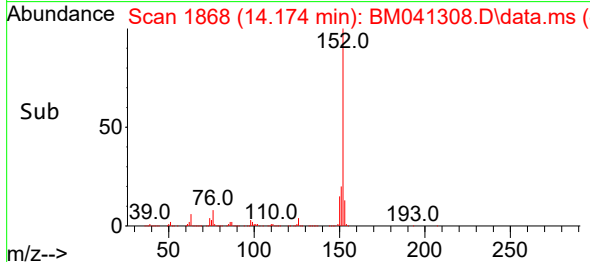
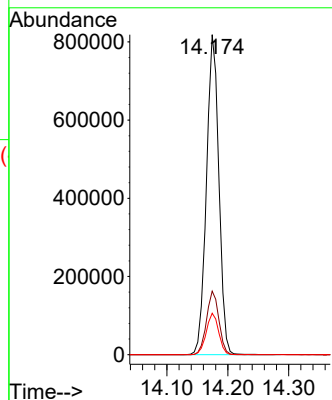
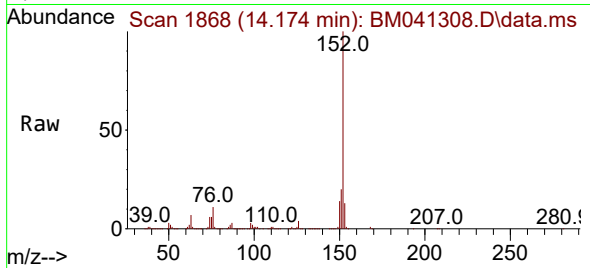




#49
Acenaphthylene
Concen: 37.681 ng
RT: 14.174 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

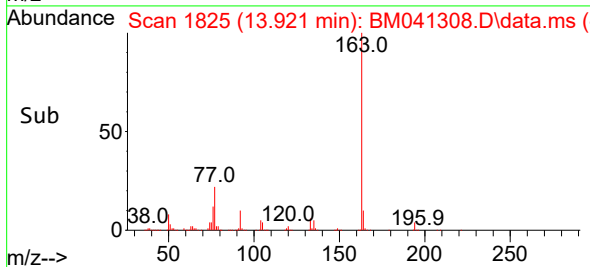
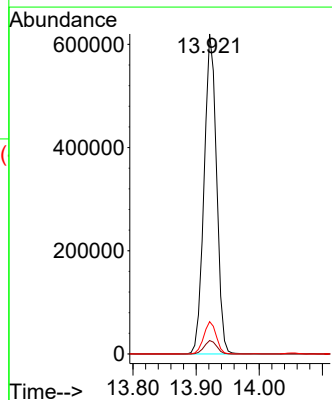
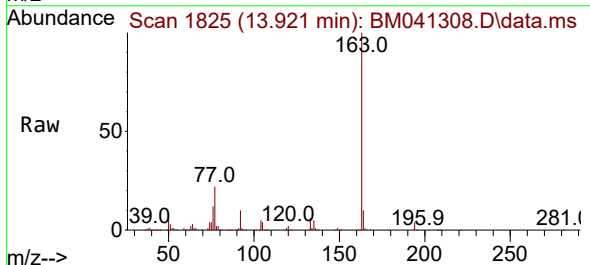
Instrument :
BNA_M
ClientSampleId :
PB154638BS

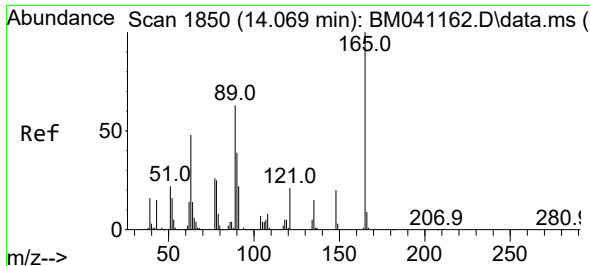
Tgt Ion:152 Resp: 1159172
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 35.935 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:163 Resp: 851108
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.3 12.5

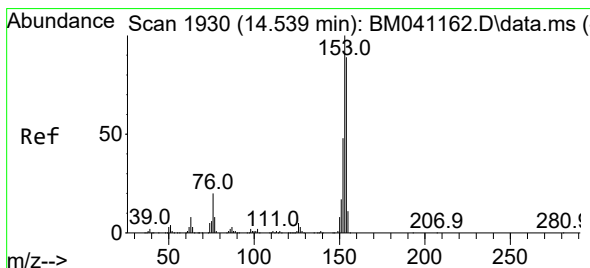
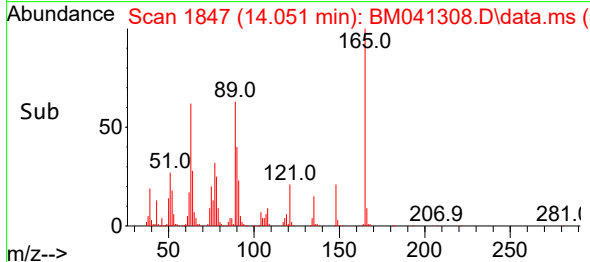
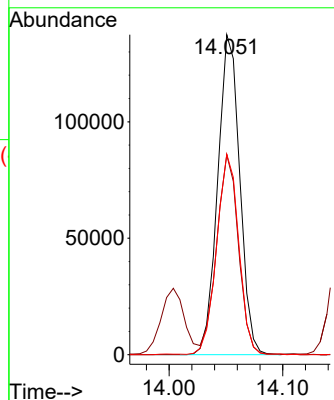
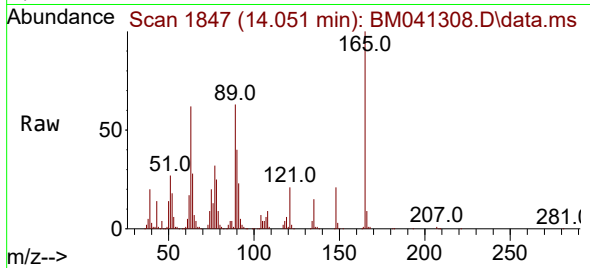




#51
2,6-Dinitrotoluene
Concen: 37.824 ng
RT: 14.051 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

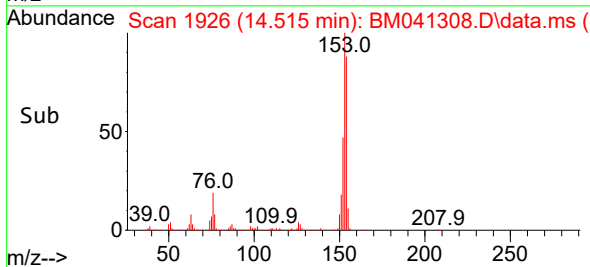
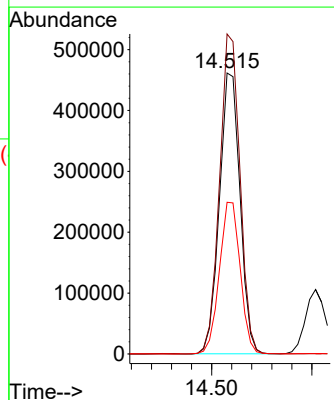
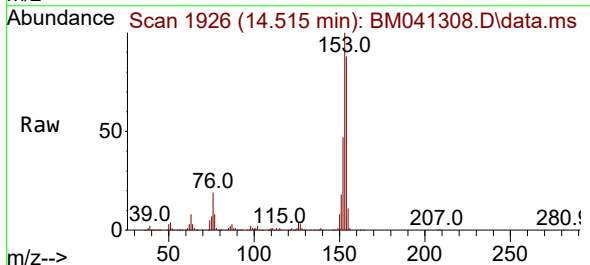
Instrument :
BNA_M
ClientSampleId :
PB154638BS

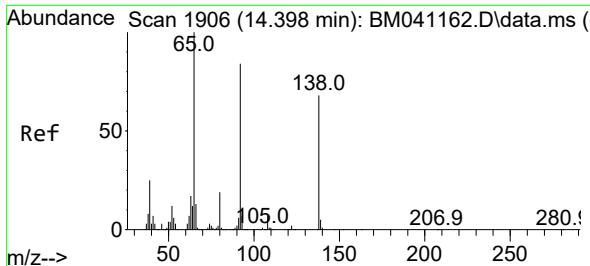
Tgt Ion:165 Resp: 185621
Ion Ratio Lower Upper
165 100
63 62.4 50.9 76.3
89 62.7 50.6 76.0



#52
Acenaphthene
Concen: 35.531 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:154 Resp: 658470
Ion Ratio Lower Upper
154 100
153 113.9 90.2 135.4
152 54.0 43.4 65.0

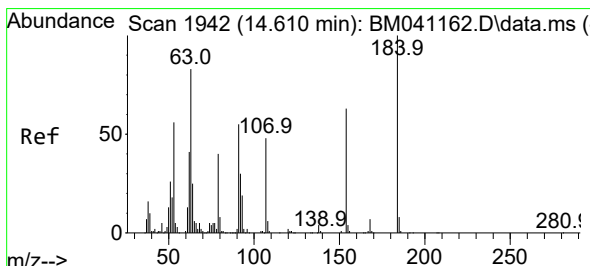
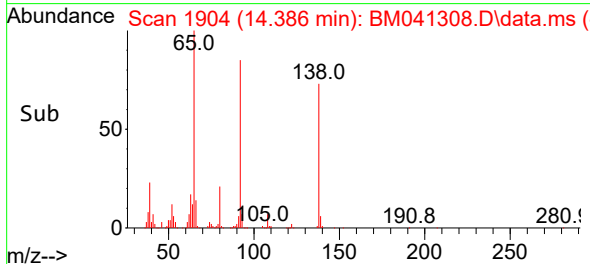
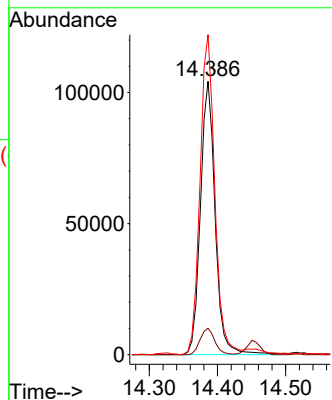
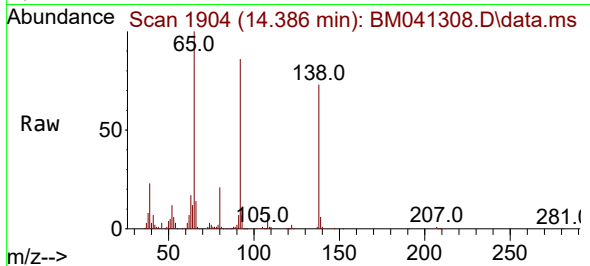




#53
3-Nitroaniline
Concen: 28.580 ng
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

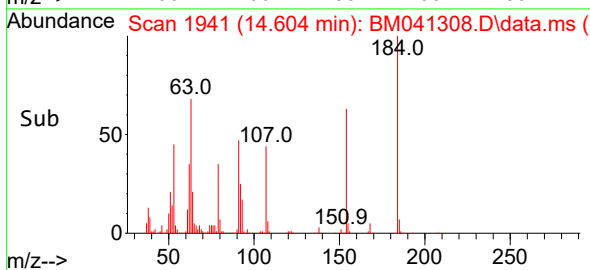
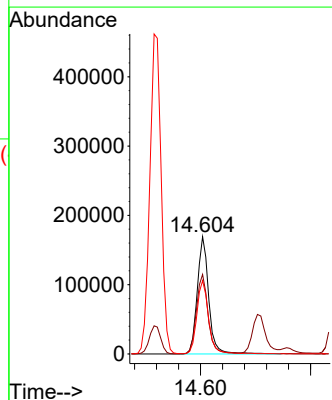
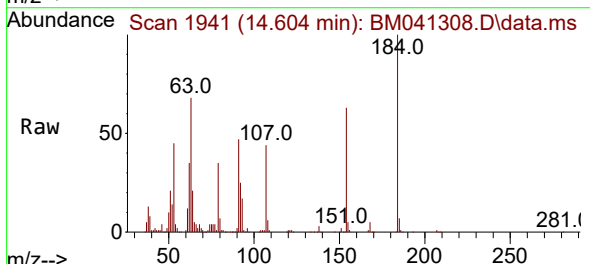
Instrument :
BNA_M
ClientSampleId :
PB154638BS

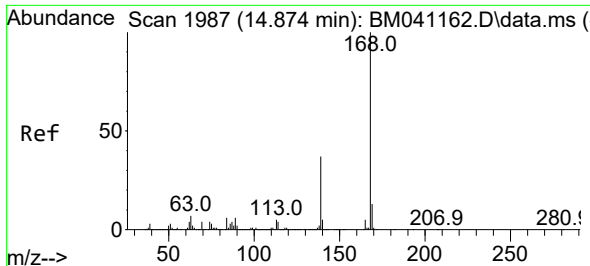
Tgt Ion:138 Resp: 156039
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.0 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 74.251 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:184 Resp: 244567
Ion Ratio Lower Upper
184 100
63 67.8 66.5 99.7
154 62.5 52.8 79.2

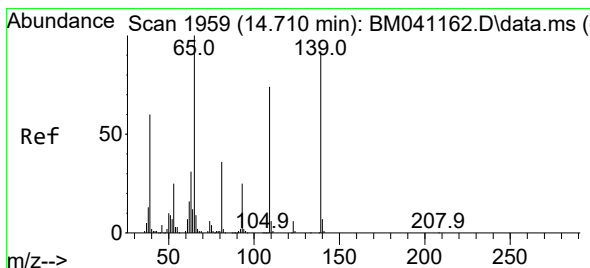
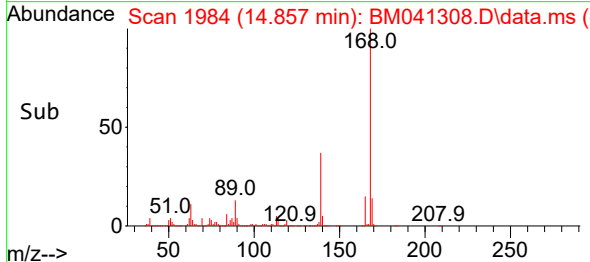
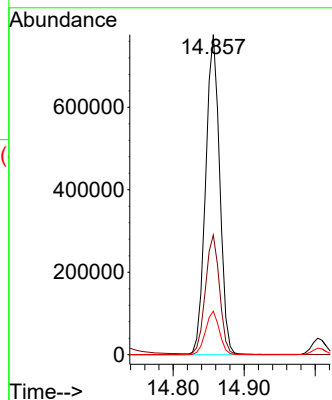
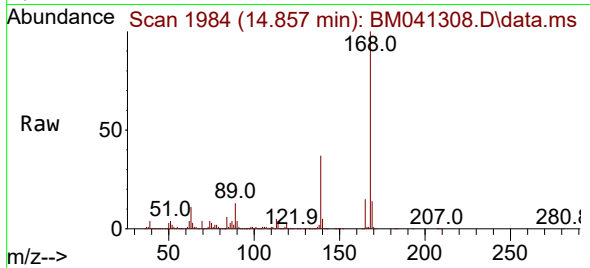




#55
Dibenzenofuran
Concen: 35.368 ng
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

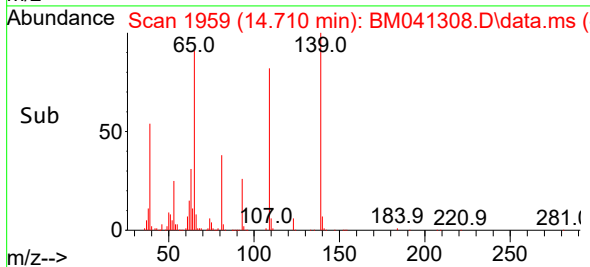
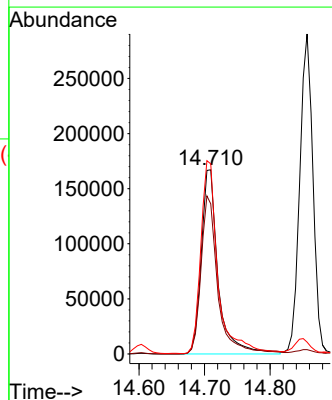
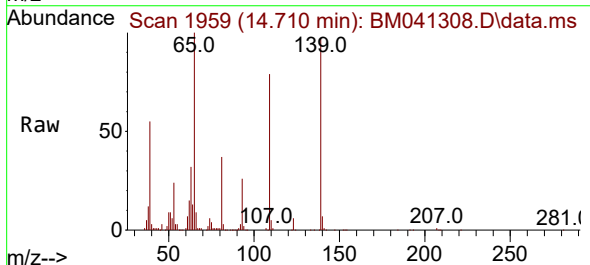
Instrument :
BNA_M
ClientSampleId :
PB154638BS

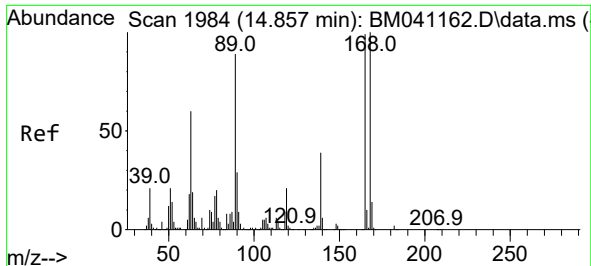
Tgt Ion:168 Resp: 1069397
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 73.619 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:139 Resp: 301097
Ion Ratio Lower Upper
139 100
109 81.5 61.2 101.2
65 103.2 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 36.878 ng

RT: 14.845 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

Tgt Ion:165 Resp: 253856

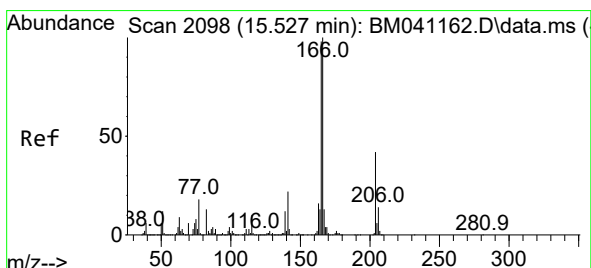
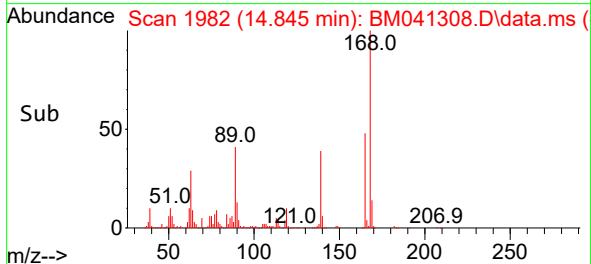
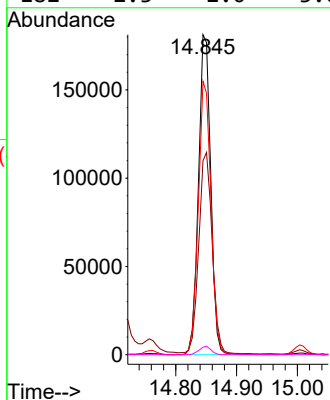
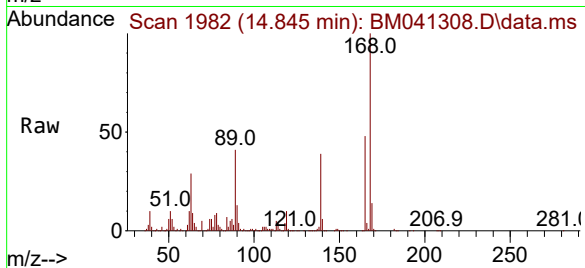
Ion Ratio Lower Upper

165 100

63 60.6 48.3 72.5

89 85.4 71.8 107.8

182 2.3 2.0 3.0



#58

Fluorene

Concen: 35.440 ng

RT: 15.509 min Scan# 2095

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

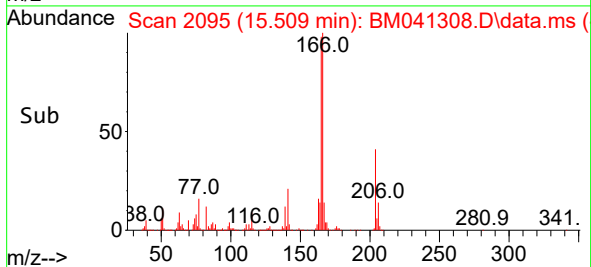
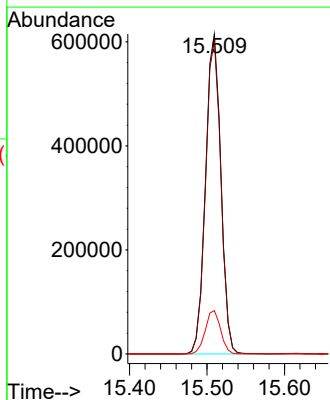
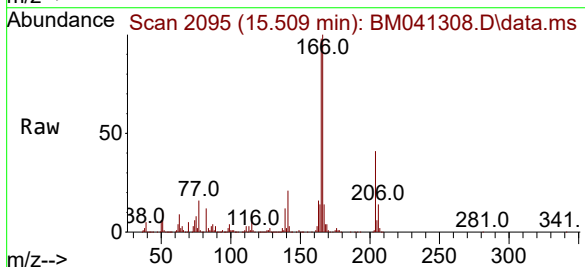
Tgt Ion:166 Resp: 845357

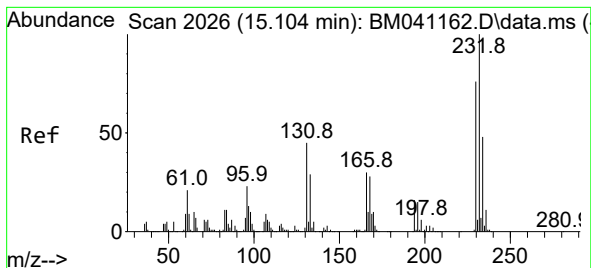
Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.4

167 13.6 10.6 16.0

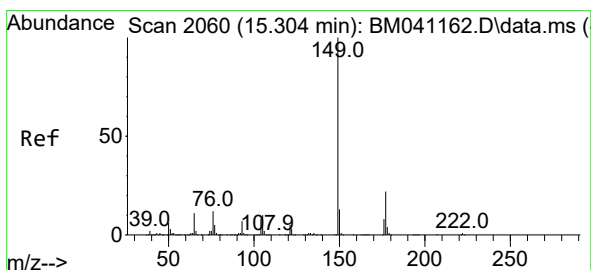
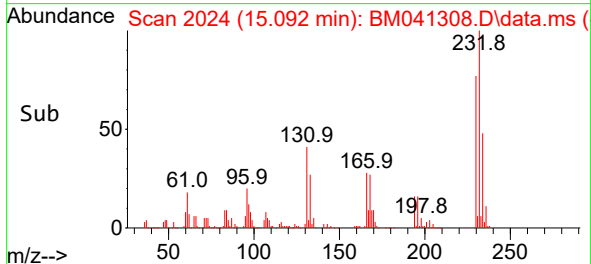
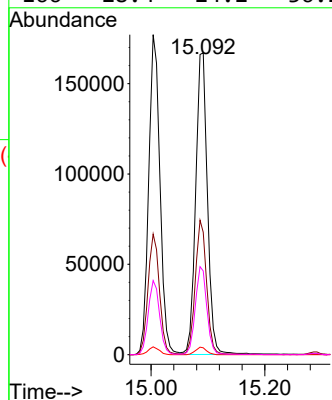
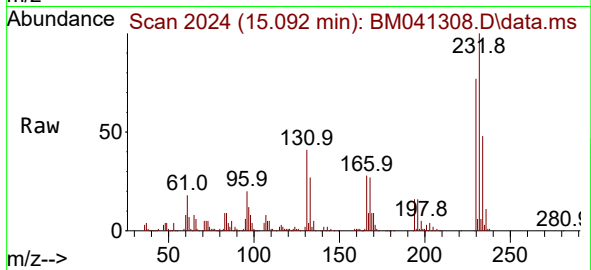




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.263 ng
RT: 15.092 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

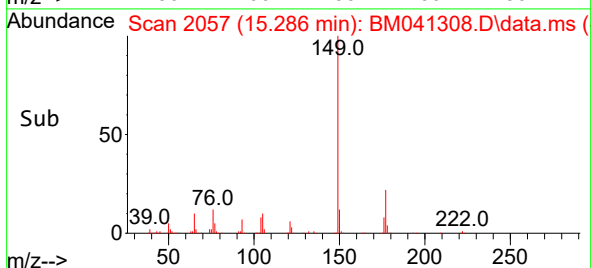
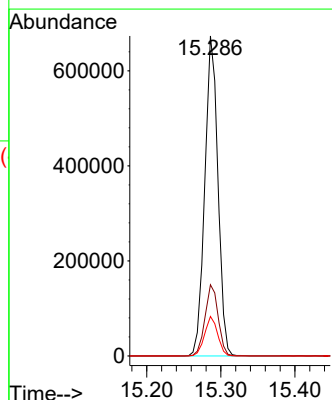
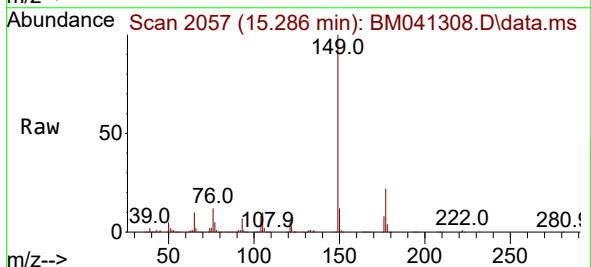
Instrument :
BNA_M
ClientSampleId :
PB154638BS

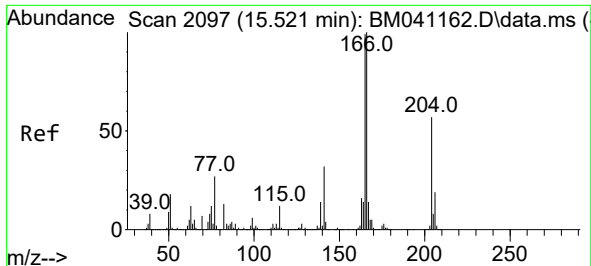
Tgt Ion:232 Resp: 241142
Ion Ratio Lower Upper
232 100
131 42.8 36.9 55.3
130 2.3 2.0 3.0
166 28.4 24.2 36.2



#60
Diethylphthalate
Concen: 36.310 ng
RT: 15.286 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:149 Resp: 831650
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.216 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

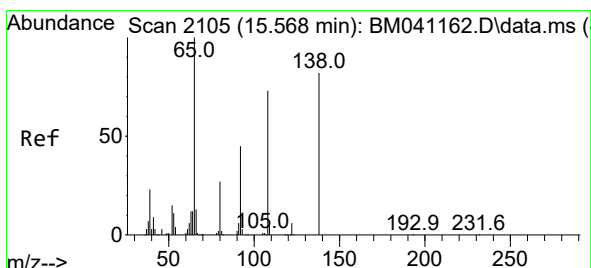
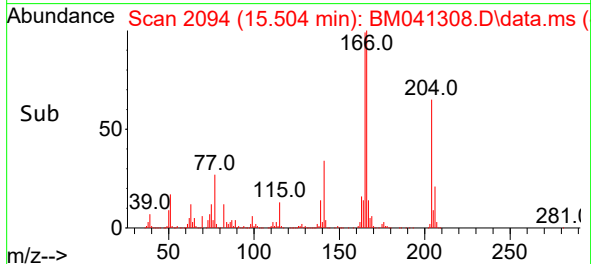
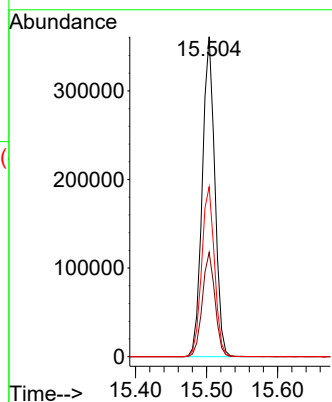
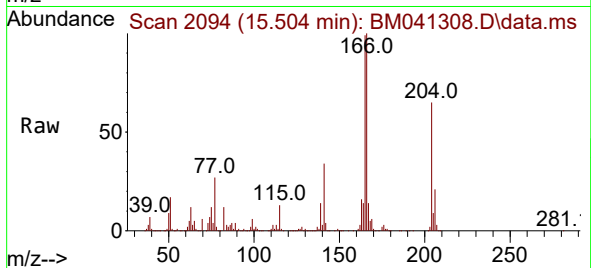
Instrument :

BNA_M

ClientSampleId :

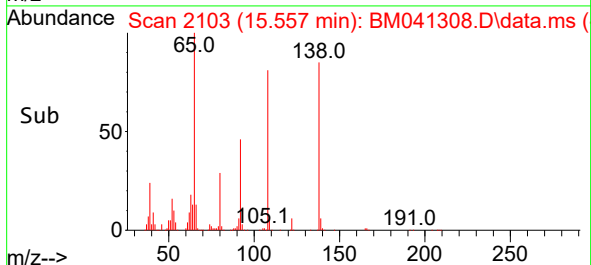
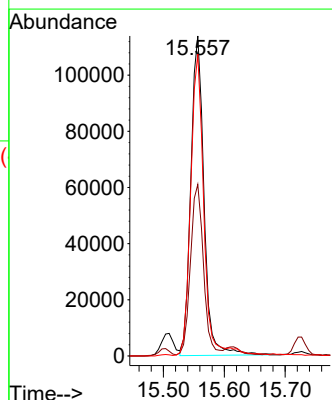
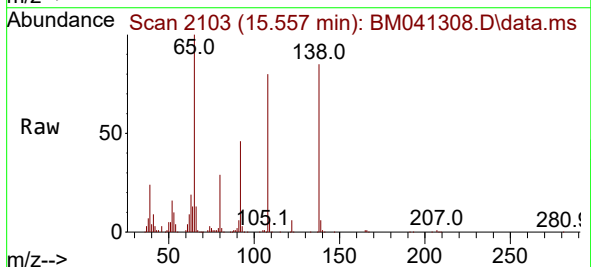
PB154638BS

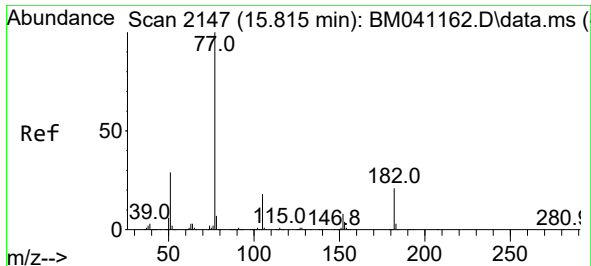
Tgt Ion:204 Resp: 444851
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 53.1 44.8 67.2



#62
4-Nitroaniline
Concen: 33.908 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:138 Resp: 170499
Ion Ratio Lower Upper
138 100
92 53.6 35.1 75.1
108 94.4 67.8 107.8

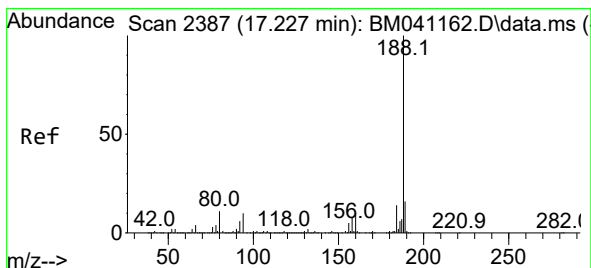
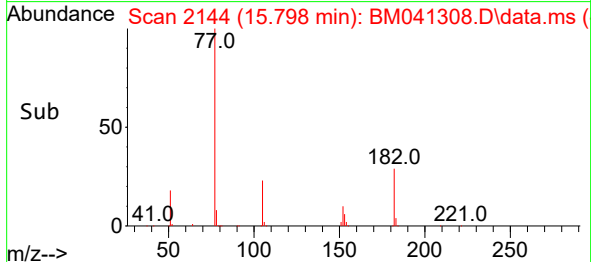
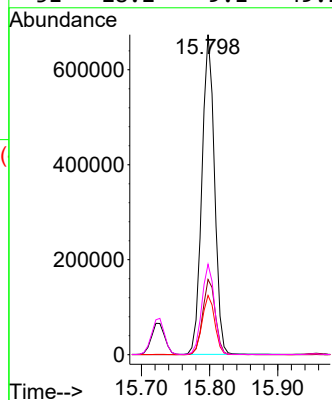
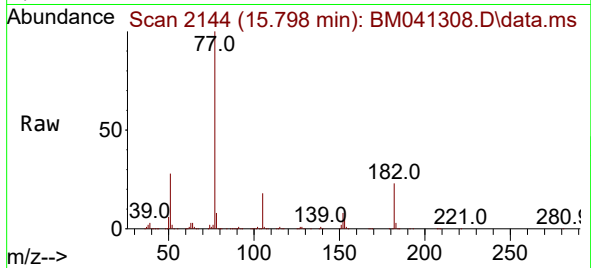




#63
Azobenzene
Concen: 34.460 ng
RT: 15.798 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

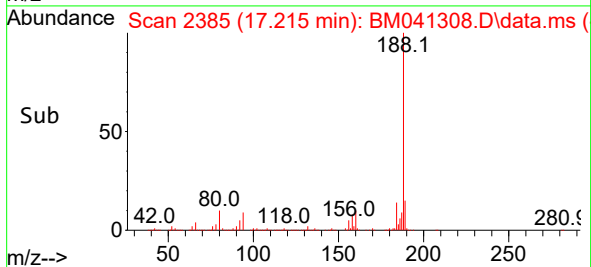
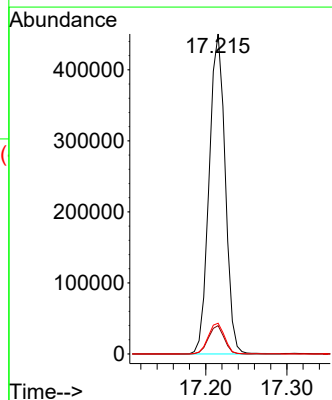
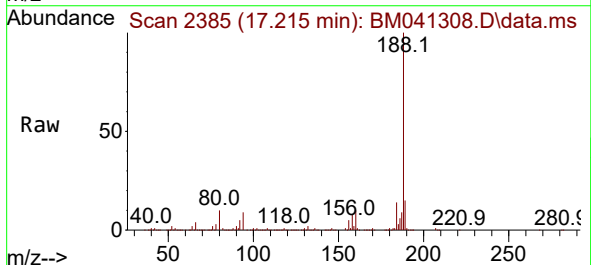
Instrument :
BNA_M
ClientSampleId :
PB154638BS

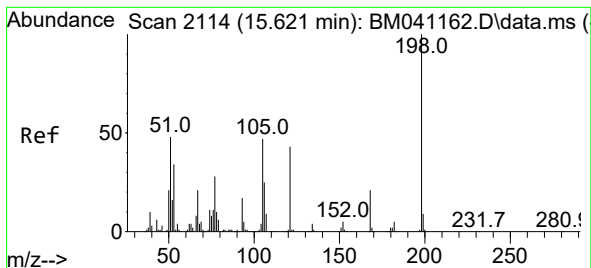
Tgt Ion: 77	Resp: 864552
Ion Ratio	Lower Upper
77 100	
182 23.5	1.3 41.3
105 18.5	0.0 38.5
51 28.2	9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion: 188	Resp: 618266
Ion Ratio	Lower Upper
188 100	
94 8.9	8.2 12.2
80 9.6	8.6 13.0

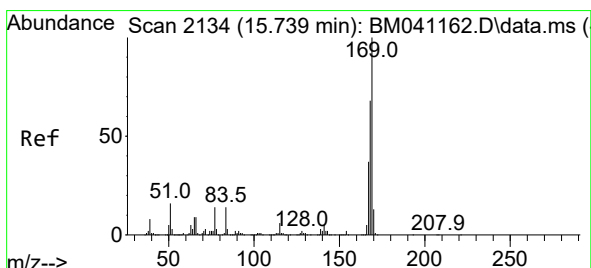
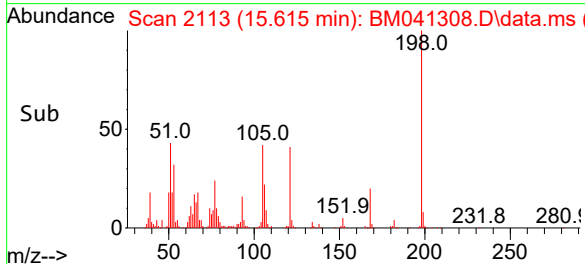
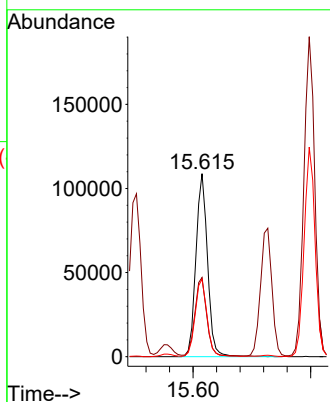
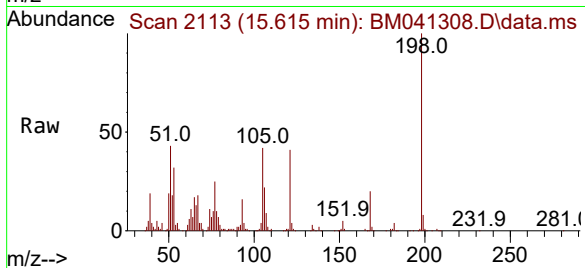




#65
4,6-Dinitro-2-methylphenol
Concen: 39.809 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

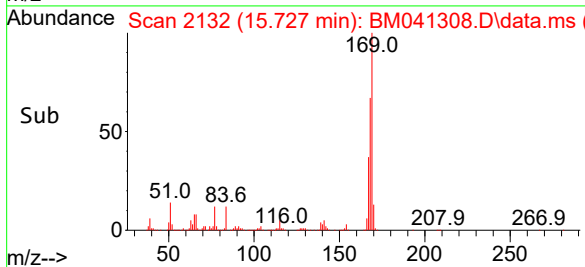
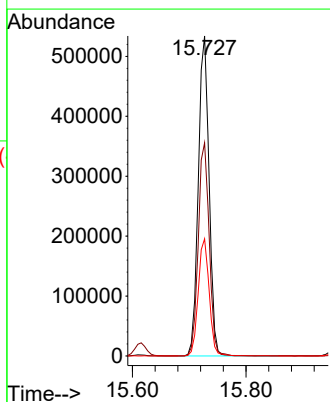
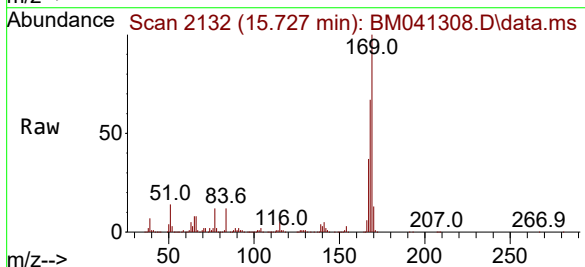
Instrument :
BNA_M
ClientSampleId :
PB154638BS

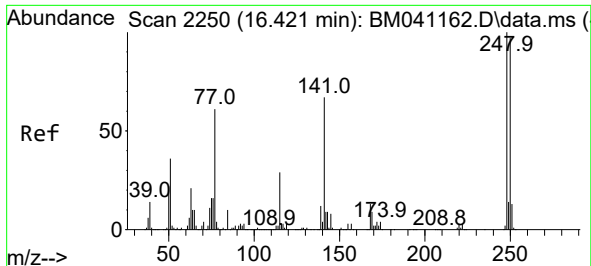
Tgt Ion:198 Resp: 149102
Ion Ratio Lower Upper
198 100
51 43.3 31.7 71.7
105 42.4 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 36.647 ng
RT: 15.727 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:169 Resp: 704668
Ion Ratio Lower Upper
169 100
168 66.6 54.6 81.8
167 36.6 29.9 44.9

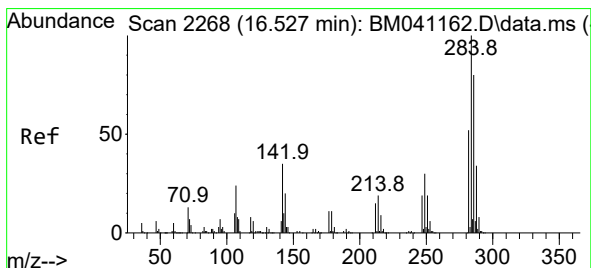
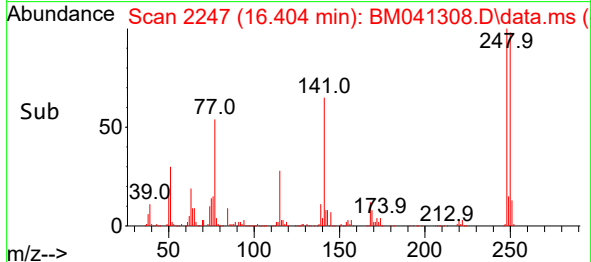
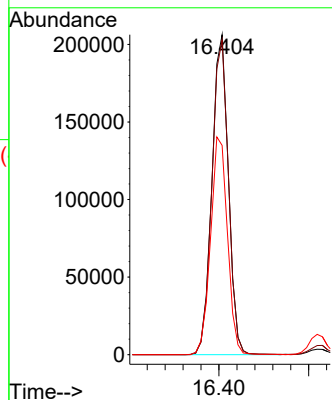
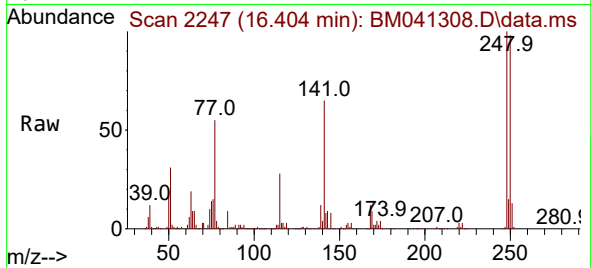




#67
4-Bromophenyl-phenylether
Concen: 38.676 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

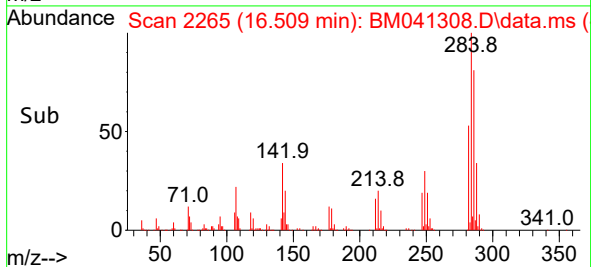
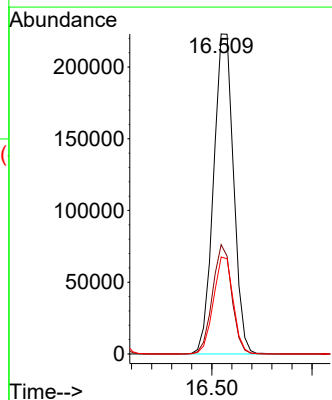
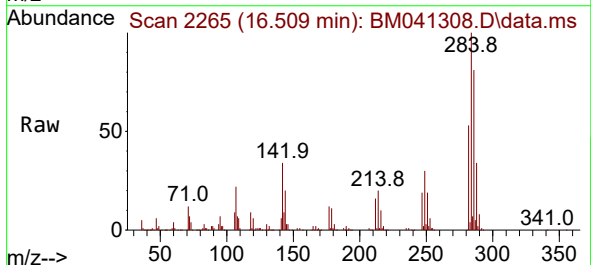
Instrument :
BNA_M
ClientSampleId :
PB154638BS

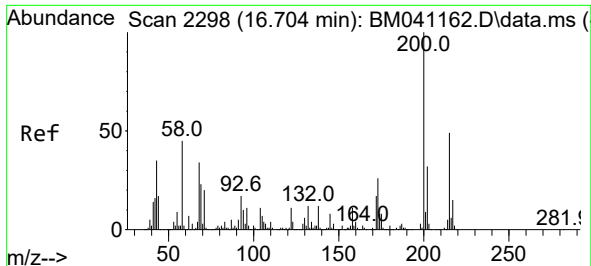
Tgt Ion:248 Resp: 262174
Ion Ratio Lower Upper
248 100
250 98.4 78.0 117.0
141 65.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 40.995 ng
RT: 16.509 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:284 Resp: 309007
Ion Ratio Lower Upper
284 100
142 34.1 28.0 42.0
249 30.3 23.7 35.5

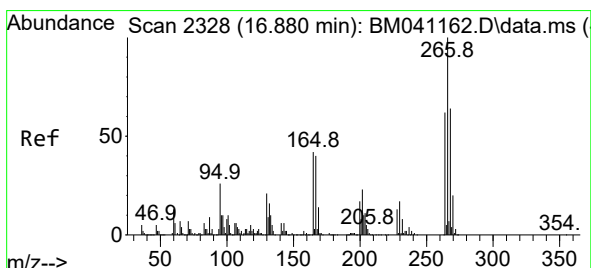
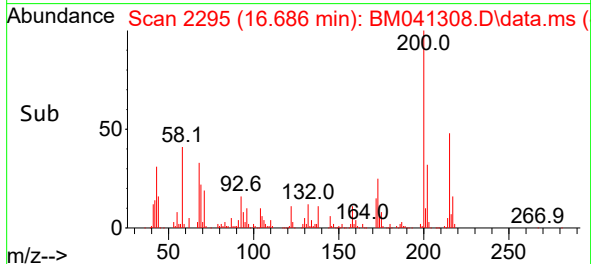
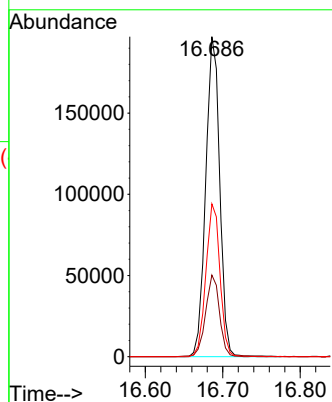
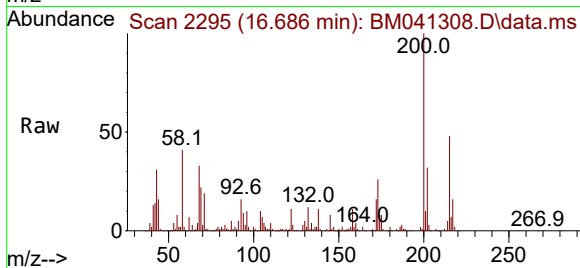




#69
Atrazine
Concen: 48.909 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

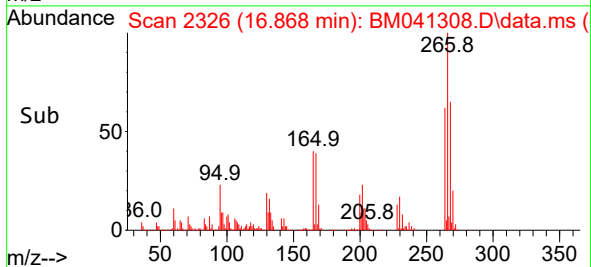
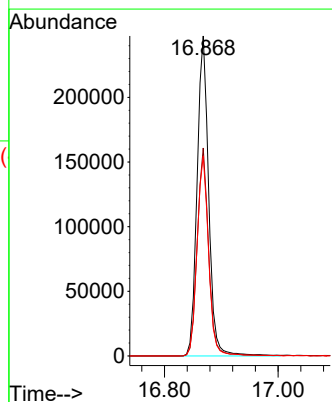
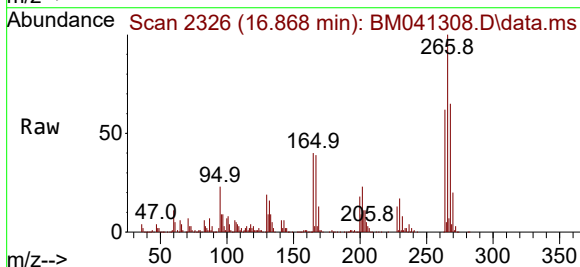
Instrument :
BNA_M
ClientSampleId :
PB154638BS

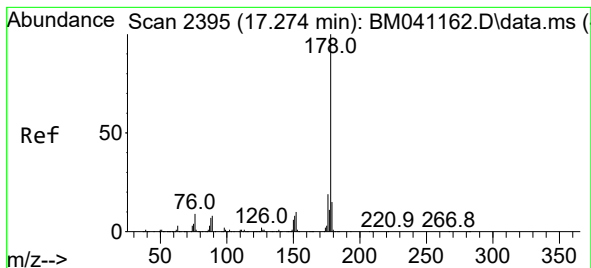
Tgt Ion:200 Resp: 246976
Ion Ratio Lower Upper
200 100
173 25.5 5.6 45.6
215 47.8 28.5 68.5



#70
Pentachlorophenol
Concen: 67.389 ng
RT: 16.868 min Scan# 2326
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:266 Resp: 351743
Ion Ratio Lower Upper
266 100
268 65.0 51.0 76.6
264 62.5 49.4 74.2





#71

Phenanthrene

Concen: 36.055 ng

RT: 17.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

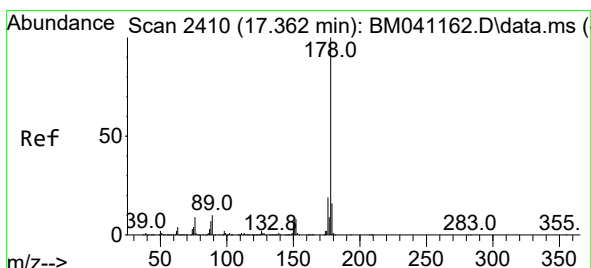
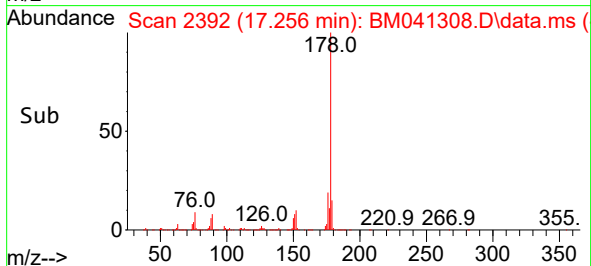
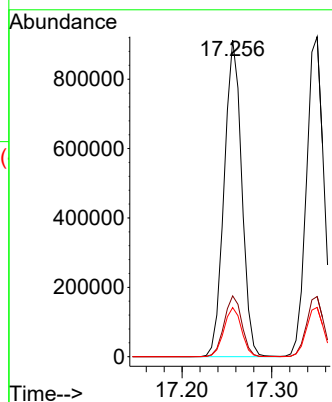
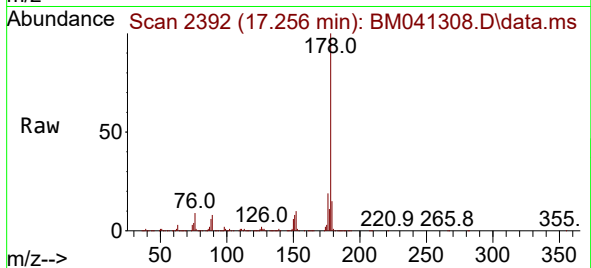
Tgt Ion:178 Resp: 1238533

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.5 12.1 18.1



#72

Anthracene

Concen: 37.024 ng

RT: 17.351 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

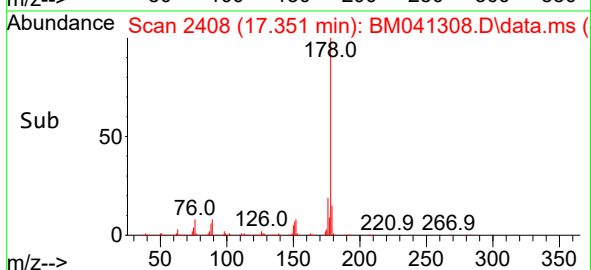
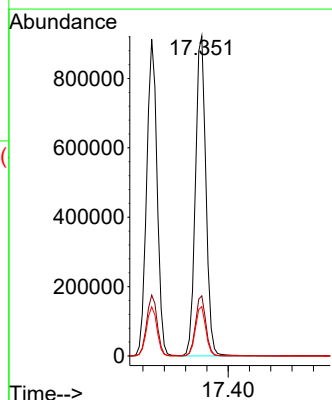
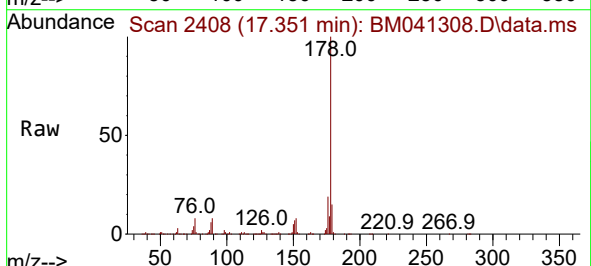
Tgt Ion:178 Resp: 1257840

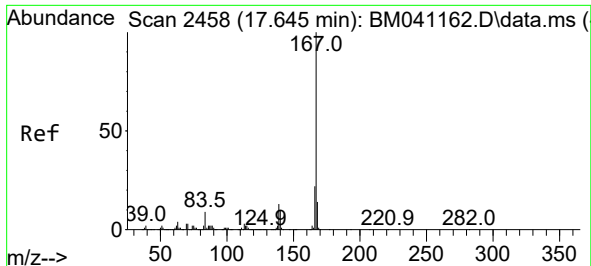
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.4 12.4 18.6

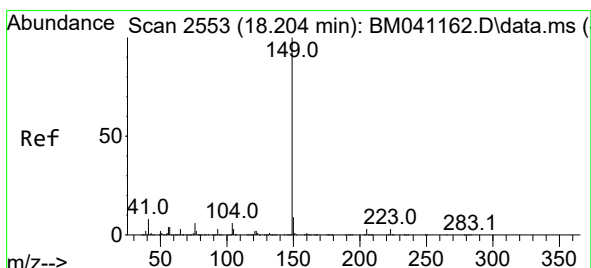
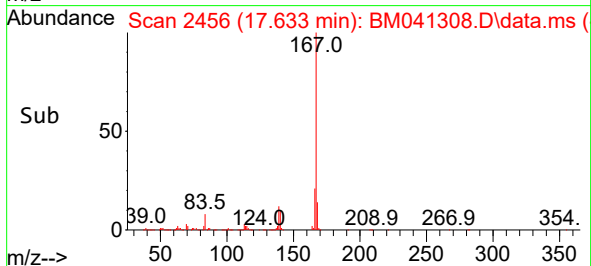
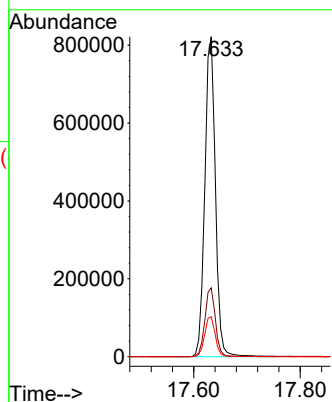
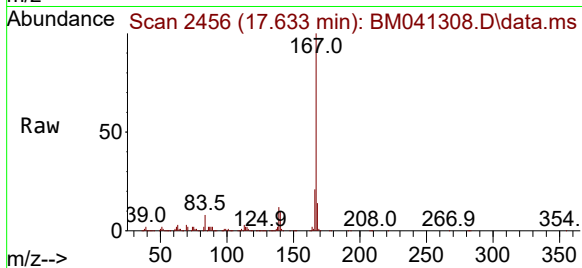




#73
 Carbazole
 Concen: 36.710 ng
 RT: 17.633 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM041308.D
 Acq: 07 Aug 2023 12:24

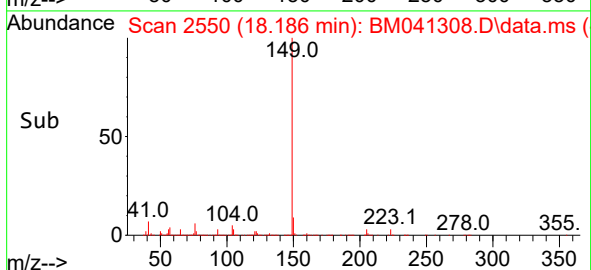
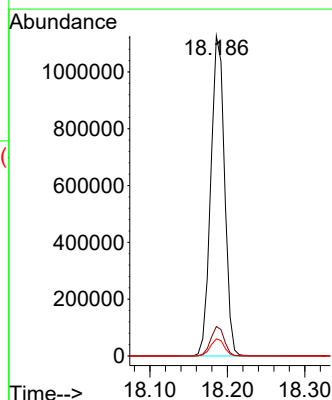
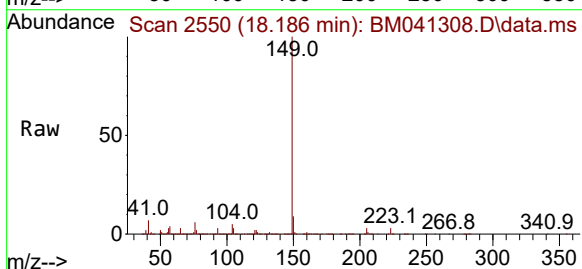
Instrument :
 BNA_M
 ClientSampleId :
 PB154638BS

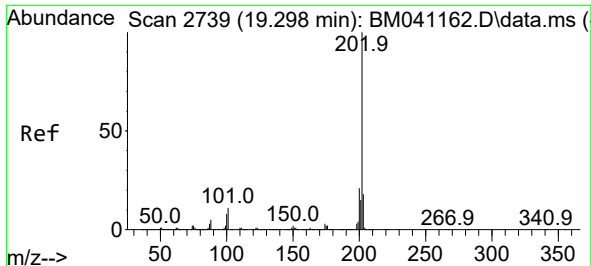
Tgt Ion:167 Resp: 1128840
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 39.987 ng
 RT: 18.186 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM041308.D
 Acq: 07 Aug 2023 12:24

Tgt Ion:149 Resp: 1389461
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 4.5 6.7

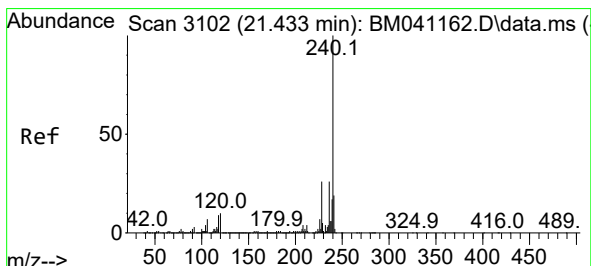
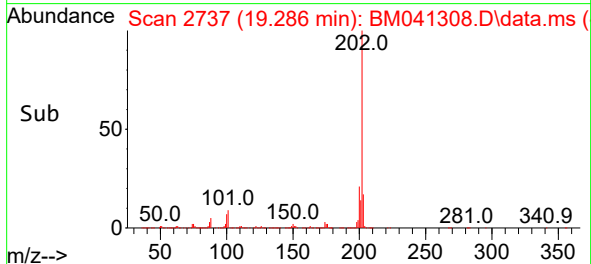
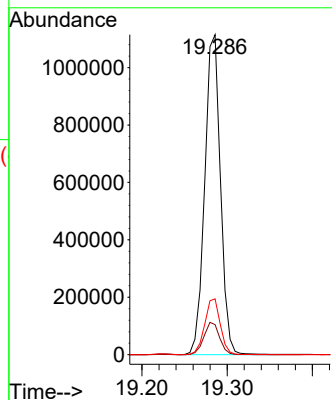
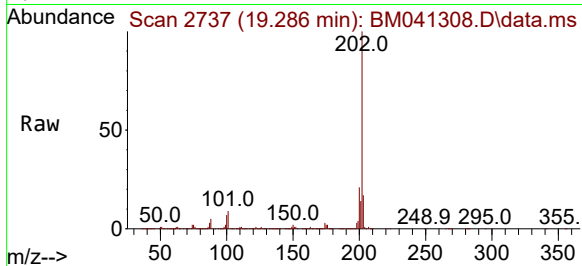




#75
Fluoranthene
Concen: 37.004 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

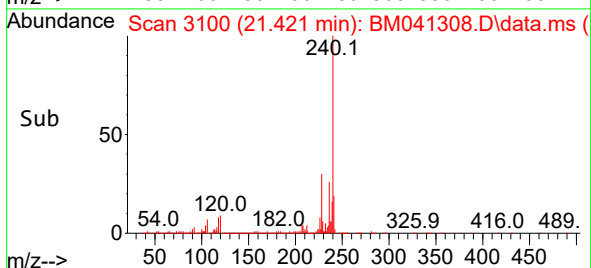
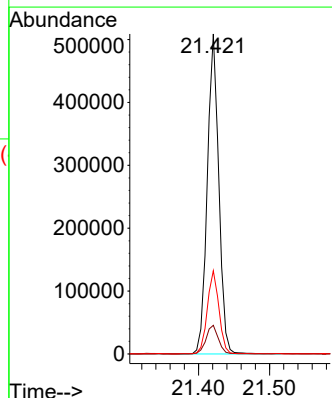
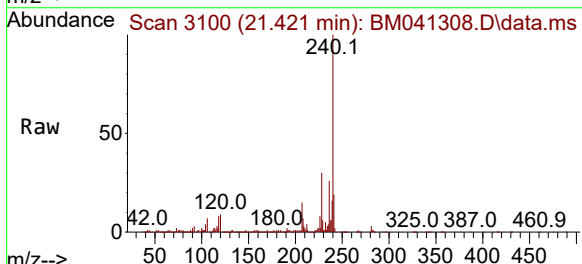
Instrument :
BNA_M
ClientSampleId :
PB154638BS

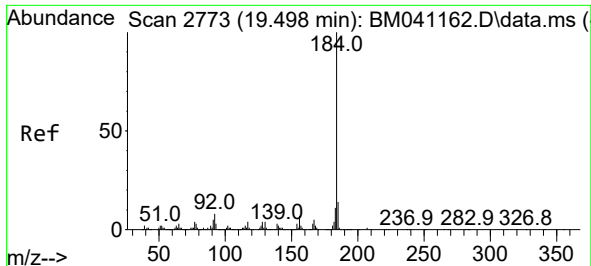
Tgt Ion:202 Resp: 1428107
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:240 Resp: 573952
Ion Ratio Lower Upper
240 100
120 8.9 8.3 12.5
236 26.0 20.6 30.8

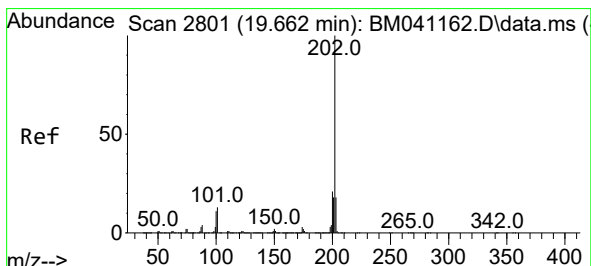
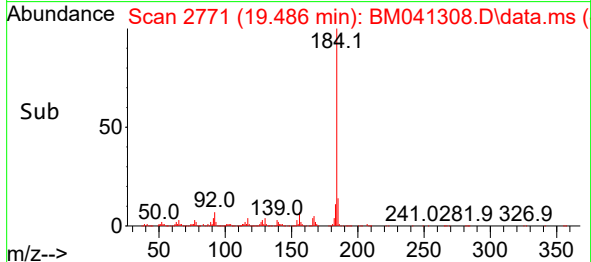
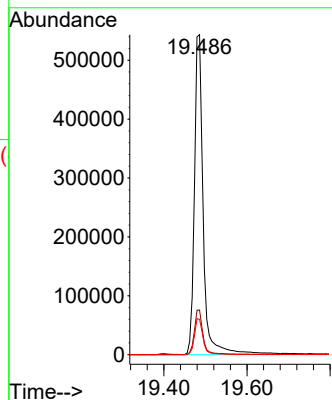
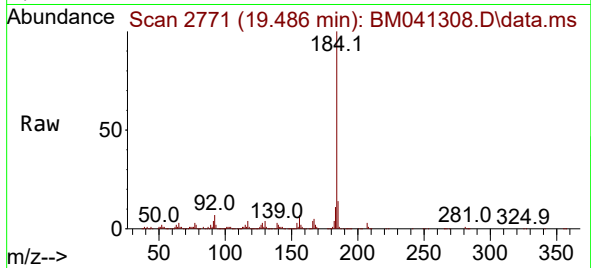




#77
Benzidine
Concen: 102.782 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

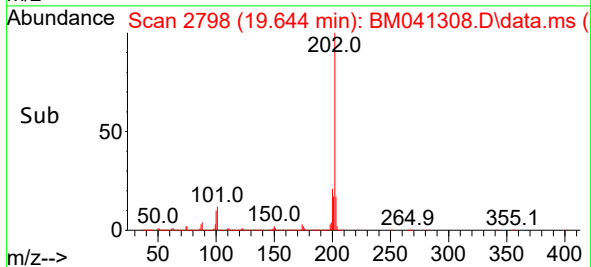
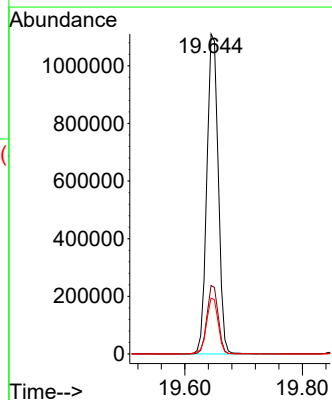
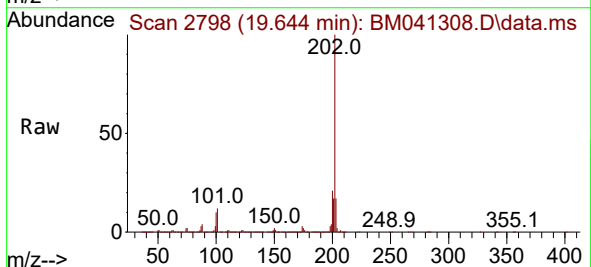
Instrument :
BNA_M
ClientSampleId :
PB154638BS

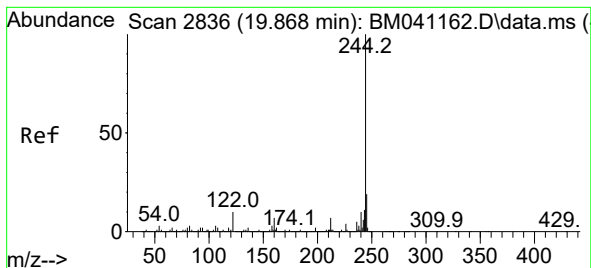
Tgt Ion:184 Resp: 804052
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.1 9.2 13.8



#78
Pyrene
Concen: 37.144 ng
RT: 19.644 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:202 Resp: 1490849
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 76.168 ng

RT: 19.850 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

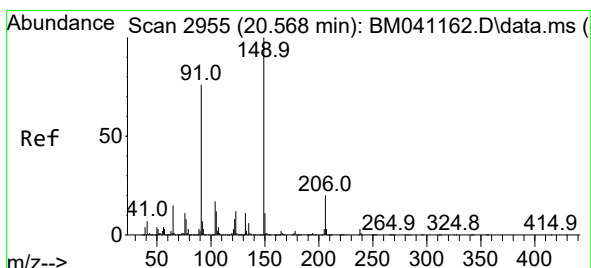
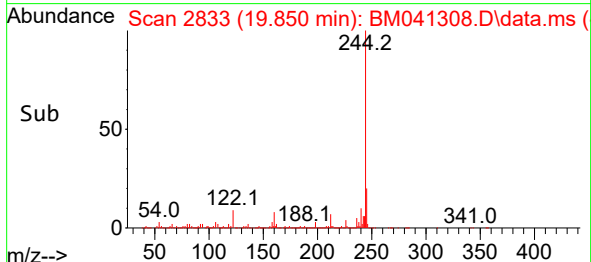
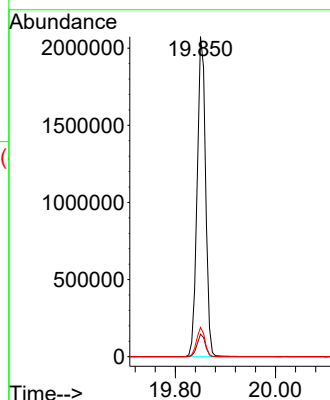
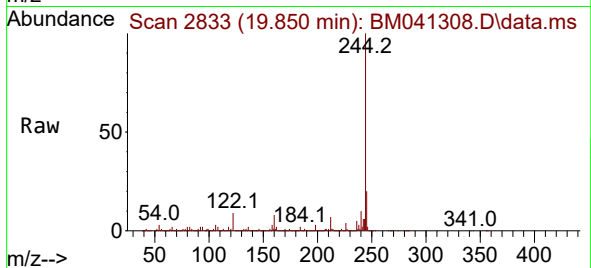
Tgt Ion:244 Resp: 2417906

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.1 7.8 11.6



#80

Butylbenzylphthalate

Concen: 42.040 ng

RT: 20.550 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

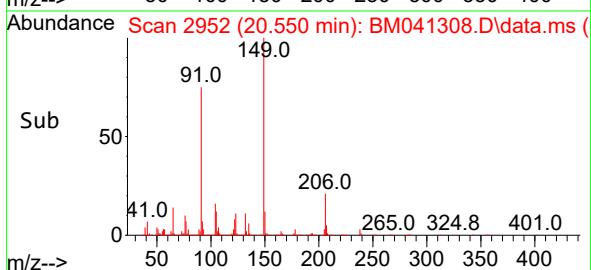
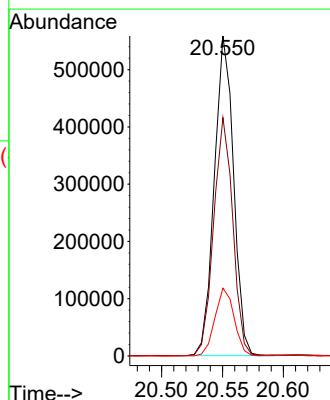
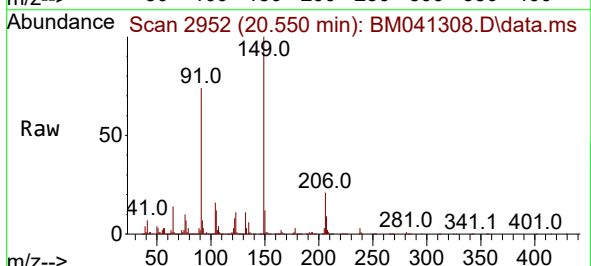
Tgt Ion:149 Resp: 616200

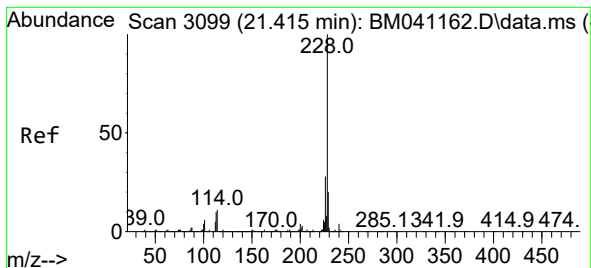
Ion Ratio Lower Upper

149 100

91 74.5 60.8 91.2

206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.765 ng

RT: 21.403 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

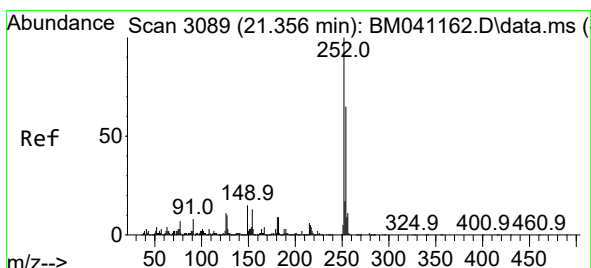
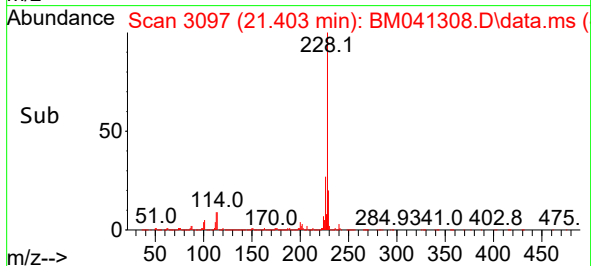
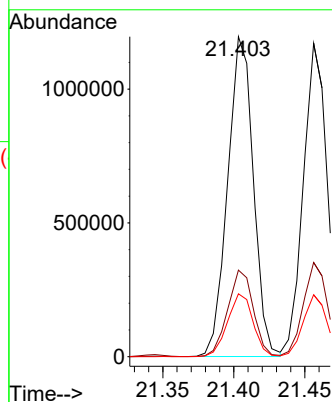
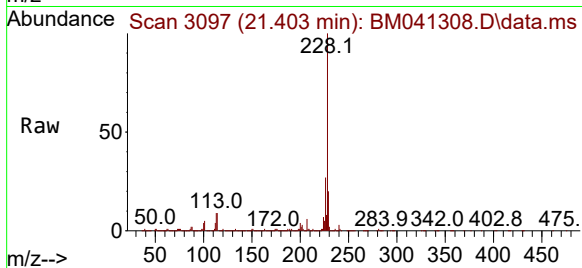
Tgt Ion:228 Resp: 1508329

Ion Ratio Lower Upper

228 100

226 27.0 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.616 ng

RT: 21.344 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

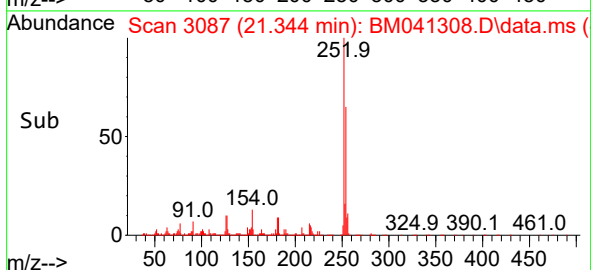
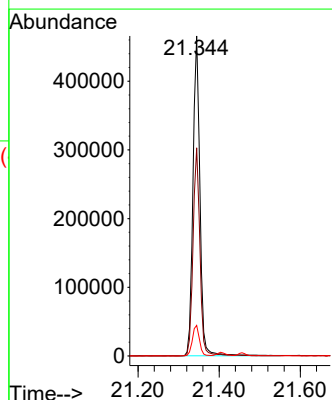
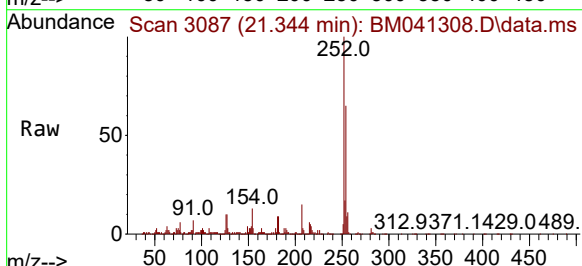
Tgt Ion:252 Resp: 553772

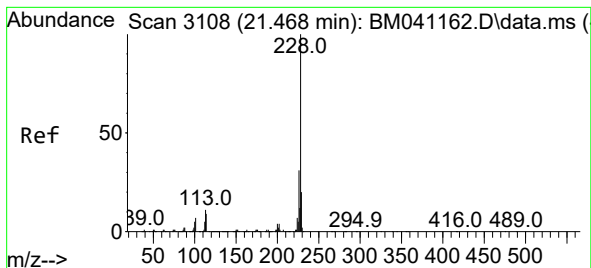
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 9.6 8.6 13.0





#83

Chrysene

Concen: 36.771 ng

RT: 21.456 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

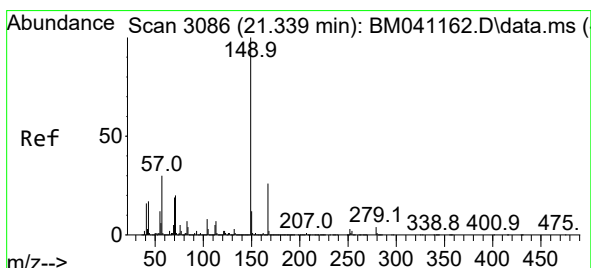
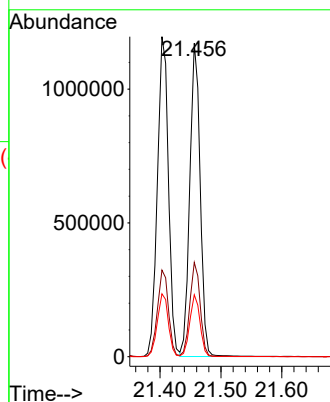
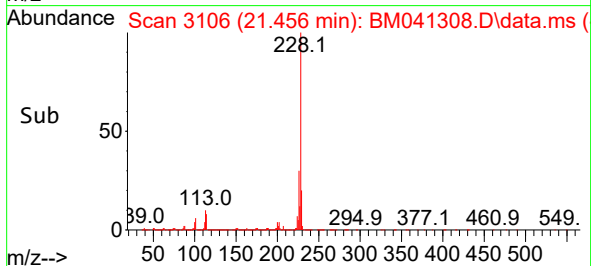
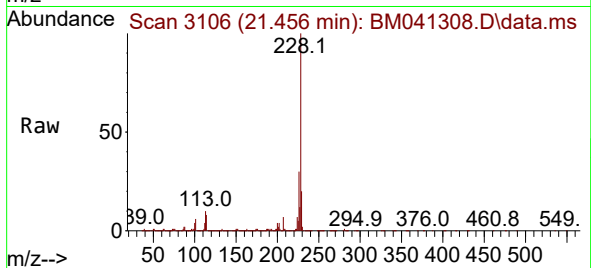
Tgt Ion:228 Resp: 1383854

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.150 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

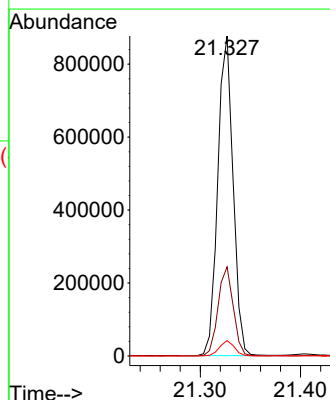
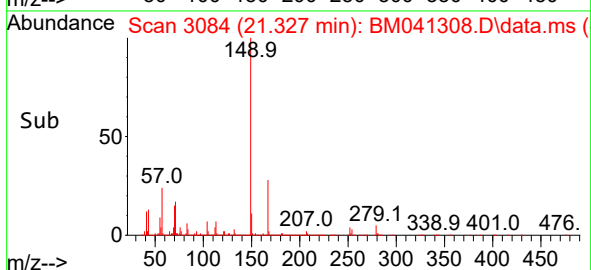
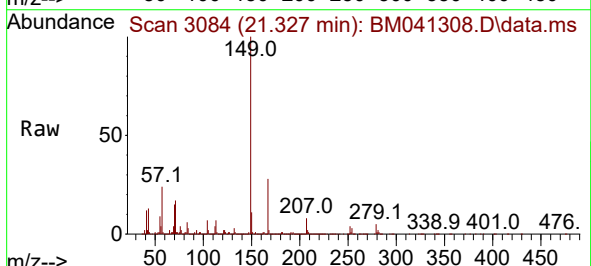
Tgt Ion:149 Resp: 924364

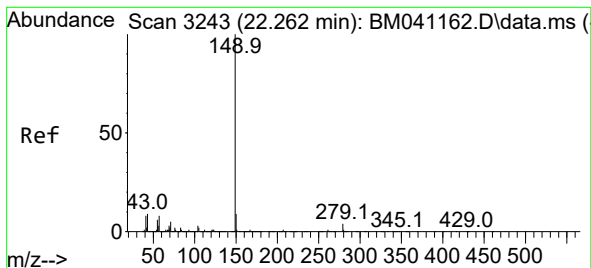
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 44.078 ng

RT: 22.244 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

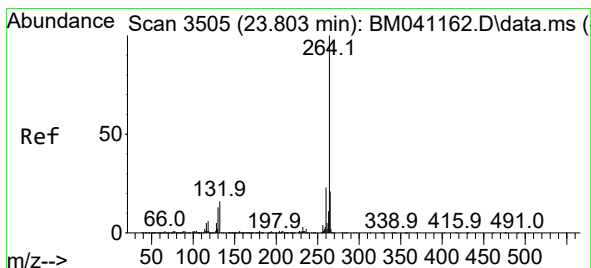
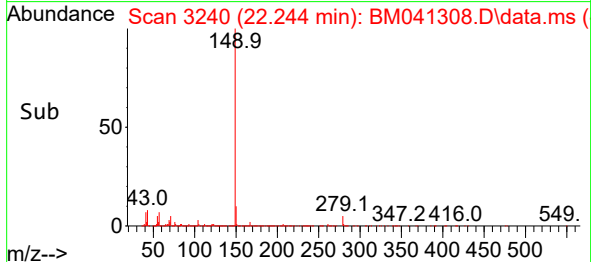
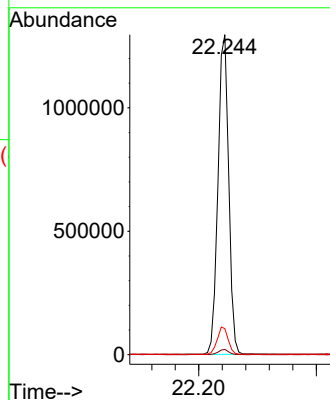
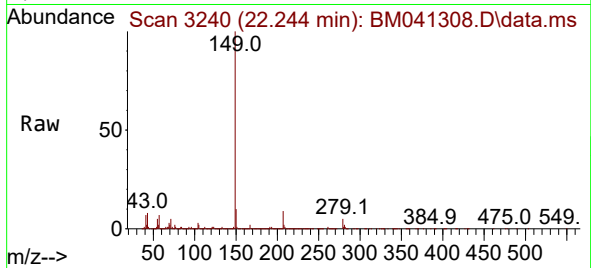
Tgt Ion:149 Resp: 1632840

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3503

Delta R.T. 0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

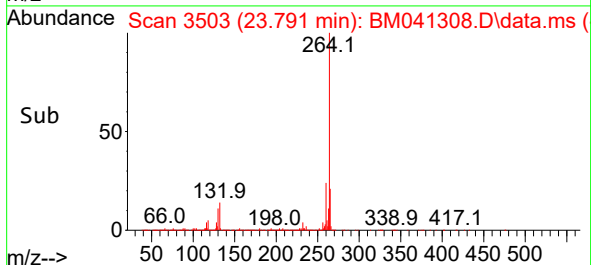
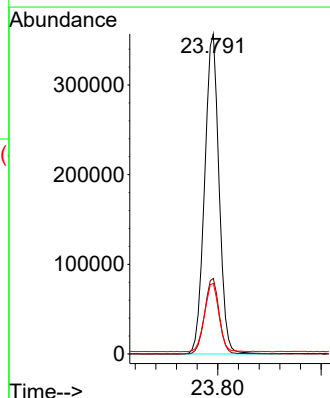
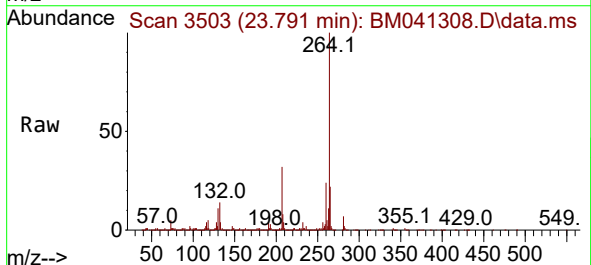
Tgt Ion:264 Resp: 691251

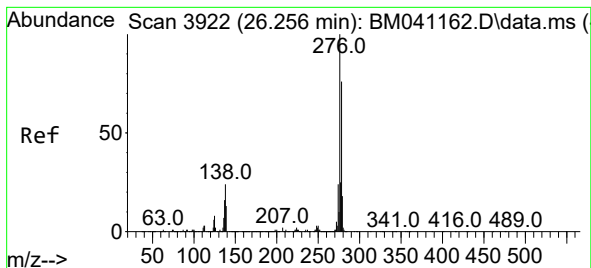
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.401 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

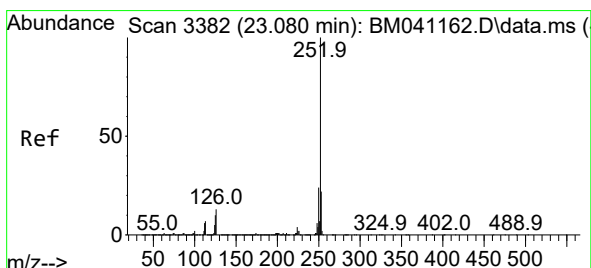
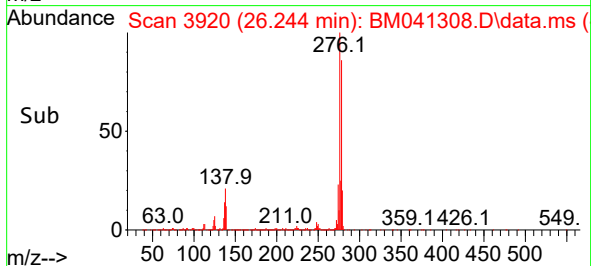
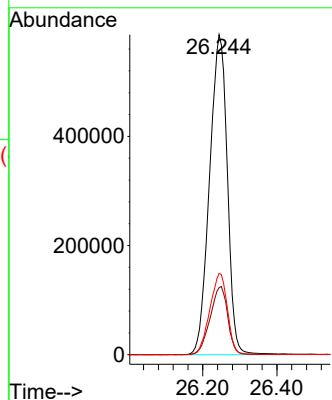
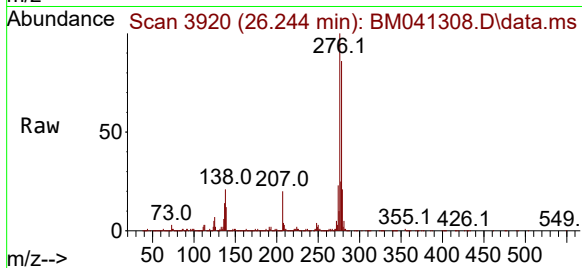
Tgt Ion:276 Resp: 1951625

Ion Ratio Lower Upper

276 100

138 21.1 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.881 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

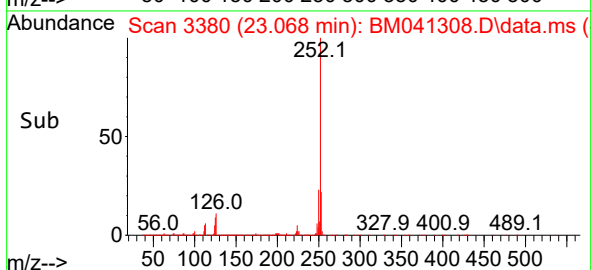
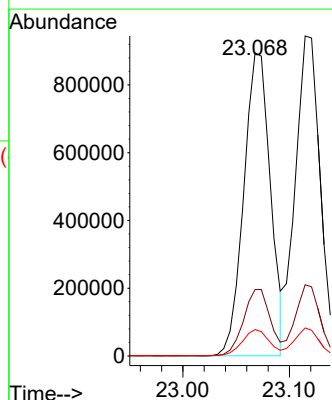
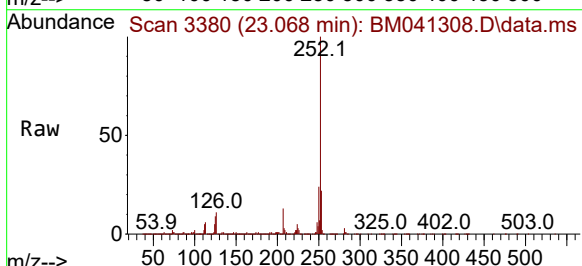
Tgt Ion:252 Resp: 1555569

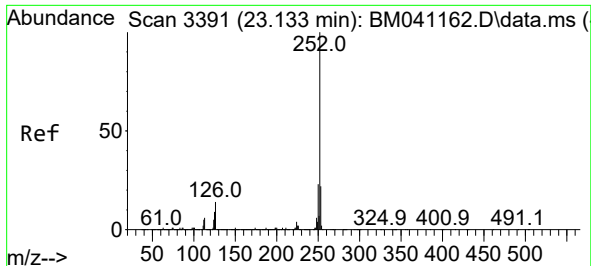
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.7 8.2 12.4

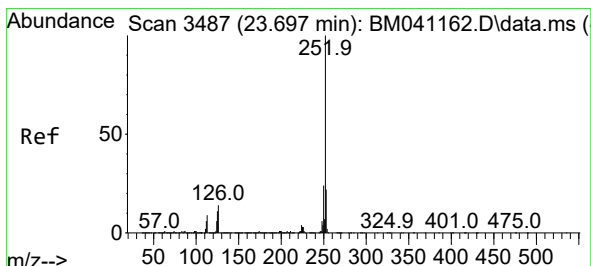
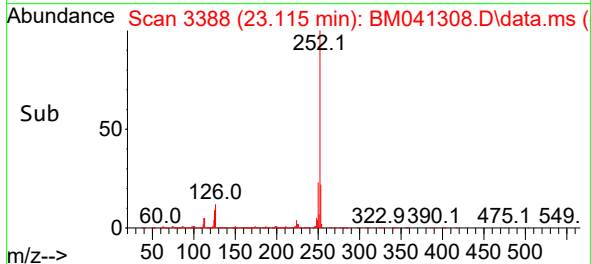
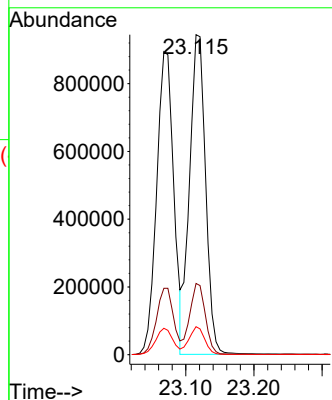
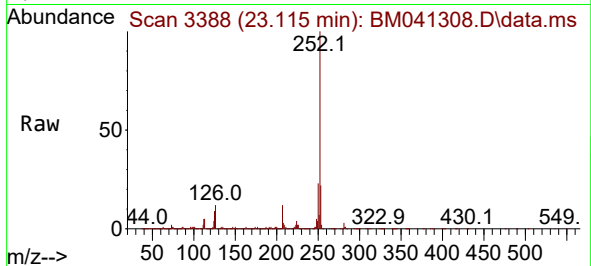




#89
Benzo(k)fluoranthene
Concen: 36.522 ng
RT: 23.115 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

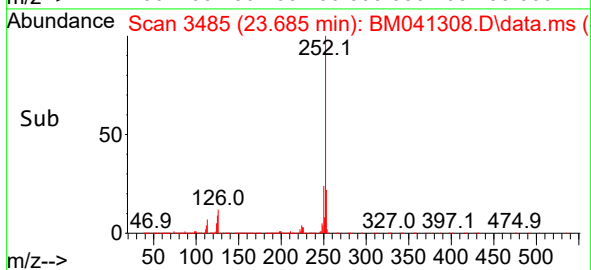
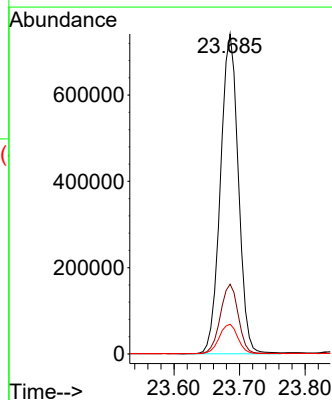
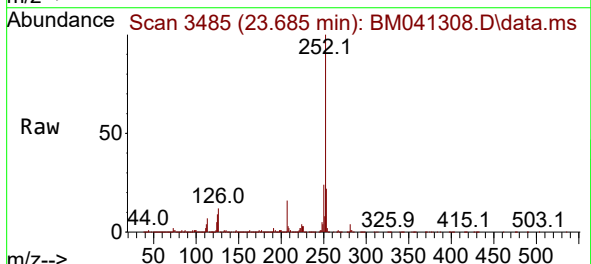
Instrument :
BNA_M
ClientSampleId :
PB154638BS

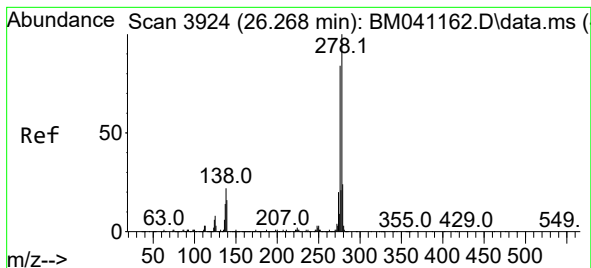
Tgt Ion:252 Resp: 1534130
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 8.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 35.446 ng
RT: 23.685 min Scan# 3485
Delta R.T. -0.000 min
Lab File: BM041308.D
Acq: 07 Aug 2023 12:24

Tgt Ion:252 Resp: 1398619
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.935 ng

RT: 26.256 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB154638BS

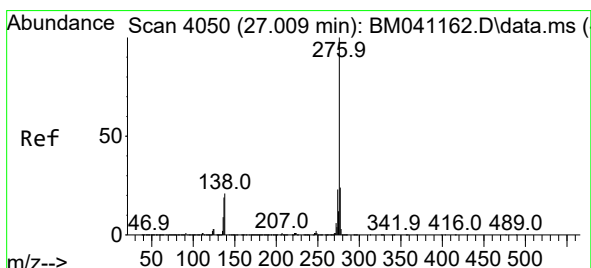
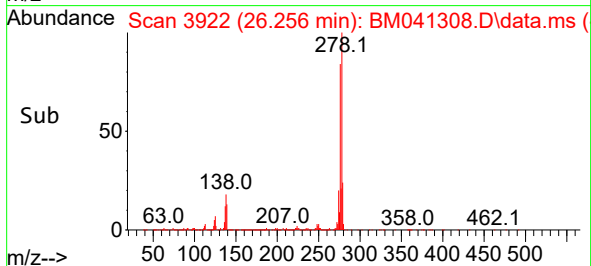
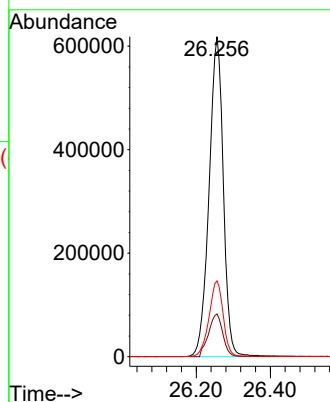
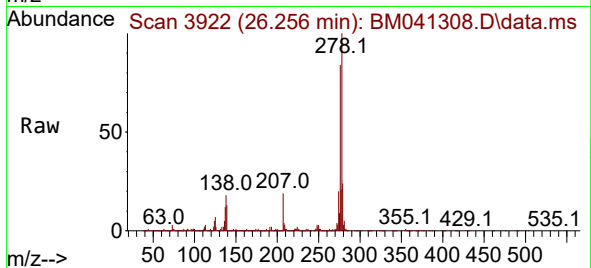
Tgt Ion:278 Resp: 1650448

Ion Ratio Lower Upper

278 100

139 13.3 12.7 19.1

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 37.344 ng

RT: 26.997 min Scan# 4048

Delta R.T. -0.000 min

Lab File: BM041308.D

Acq: 07 Aug 2023 12:24

Tgt Ion:276 Resp: 1548954

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 18.0 17.1 25.7

