

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041323.D
 Acq On : 08 Aug 2023 10:10
 Operator : MA/JU
 Sample : PB154564BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154564BS

Quant Time: Aug 09 01:11:41 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	7.781	152	196612	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	770910	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	431102	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	834341	20.000	ng	0.00
76) Chrysene-d12	21.415	240	719026	20.000	ng	0.00
86) Perylene-d12	23.786	264	813579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1463742	111.269	ng	0.00
7) Phenol-d6	6.969	99	1801727	105.661	ng	0.00
23) Nitrobenzene-d5	8.963	82	1157440	69.822	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	650884	106.742	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2371916	69.504	ng	0.00
79) Terphenyl-d14	19.851	244	3116130	78.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	154520	27.458	ng	97
3) Pyridine	3.658	79	406314	27.460	ng	98
4) n-Nitrosodimethylamine	3.575	42	234213	34.224	ng	96
6) Aniline	7.116	93	652604	32.702	ng	99
8) 2-Chlorophenol	7.345	128	521243	40.588	ng	99
9) Benzaldehyde	6.934	77	306664	34.083	ng	99
10) Phenol	6.998	94	659138	40.022	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	505218	37.897	ng	98
12) 1,3-Dichlorobenzene	7.669	146	561338	40.155	ng	98
13) 1,4-Dichlorobenzene	7.816	146	574770	40.907	ng	100
14) 1,2-Dichlorobenzene	8.128	146	548712	40.729	ng	99
15) Benzyl Alcohol	8.040	79	476532	44.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	628693	35.394	ng	97
17) 2-Methylphenol	8.240	107	430025	38.218	ng	98
18) Hexachloroethane	8.851	117	216524	41.392	ng	88
19) n-Nitroso-di-n-propyla...	8.604	70	405426	39.144	ng	97
20) 3+4-Methylphenols	8.575	107	575064	38.225	ng	97
22) Acetophenone	8.622	105	768294	37.630	ng	100
24) Nitrobenzene	9.004	77	608117	36.275	ng	99
25) Isophorone	9.528	82	1058921	37.631	ng	99
26) 2-Nitrophenol	9.710	139	275609	42.056	ng	97
27) 2,4-Dimethylphenol	9.775	122	417197	36.178	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	636116	36.088	ng	99
29) 2,4-Dichlorophenol	10.245	162	471338	40.530	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	525975	40.936	ng	98
31) Naphthalene	10.639	128	1511061	36.120	ng	99
32) Benzoic acid	9.957	122	327160	39.298	ng	99
33) 4-Chloroaniline	10.769	127	462239	27.649	ng	99
34) Hexachlorobutadiene	10.904	225	333322	43.134	ng	99
35) Caprolactam	11.592	113	94125	27.979	ng	93
36) 4-Chloro-3-methylphenol	11.904	107	468097	38.243	ng	96
37) 2-Methylnaphthalene	12.257	142	997639	35.373	ng	99
38) 1-Methylnaphthalene	12.480	142	952319	36.077	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	555838	39.707	ng	98
41) Hexachlorocyclopentadiene	12.592	237	613114	82.789	ng	97
43) 2,4,6-Trichlorophenol	12.880	196	362926	40.450	ng	99

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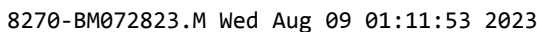
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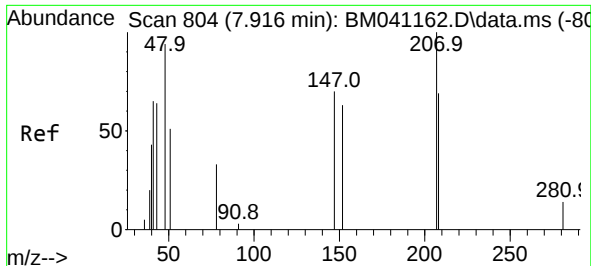
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	388359	37.398	ng	97
46) 1,1'-Biphenyl	13.280	154	1282087	36.685	ng	99
47) 2-Chloronaphthalene	13.322	162	997994	38.244	ng	99
48) 2-Nitroaniline	13.551	65	302930	36.368	ng	97
49) Acenaphthylene	14.174	152	1568959	37.250	ng	100
50) Dimethylphthalate	13.922	163	1172648	36.161	ng	100
51) 2,6-Dinitrotoluene	14.051	165	255100	37.966	ng	98
52) Acenaphthene	14.516	154	898456	35.408	ng	99
53) 3-Nitroaniline	14.380	138	217715	29.075	ng	96
54) 2,4-Dinitrophenol	14.598	184	326752	72.595	ng	96
55) Dibenzofuran	14.851	168	1460822	35.286	ng	100
56) 4-Nitrophenol	14.704	139	409446	73.117	ng	96
57) 2,4-Dinitrotoluene	14.845	165	341175	36.249	ng	96
58) Fluorene	15.504	166	1146667	35.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	329827	39.223	ng	97
60) Diethylphthalate	15.286	149	1133486	36.145	ng	99
61) 4-Chlorophenyl-phenylether	15.498	204	598199	36.552	ng	99
62) 4-Nitroaniline	15.557	138	228048	33.220	ng	96
63) Azobenzene	15.792	77	1185336	34.506	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	201141	39.795	ng	92
66) n-Nitrosodiphenylamine	15.721	169	962133	37.078	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	355297	38.839	ng	98
68) Hexachlorobenzene	16.510	284	415733	40.870	ng	96
69) Atrazine	16.686	200	332107	48.735	ng	100
70) Pentachlorophenol	16.863	266	465574	66.098	ng	99
71) Phenanthrene	17.251	178	1675362	36.141	ng	100
72) Anthracene	17.345	178	1679938	36.642	ng	99
73) Carbazole	17.627	167	1506113	36.295	ng	100
74) Di-n-butylphthalate	18.186	149	1838971	39.218	ng	100
75) Fluoranthene	19.280	202	1878534	36.070	ng	99
77) Benzidine	19.480	184	901873	92.026	ng	99
78) Pyrene	19.645	202	1950376	38.788	ng	100
80) Butylbenzylphthalate	20.551	149	774574	42.183	ng	96
81) Benzo(a)anthracene	21.403	228	1867432	38.311	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	677524	42.596	ng	99
83) Chrysene	21.456	228	1706911	36.204	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1132627	39.326	ng	98
85) Di-n-octyl phthalate	22.239	149	1927986	41.545	ng	96
87) Indeno(1,2,3-cd)pyrene	26.233	276	2219239	37.101	ng	96
88) Benzo(b)fluoranthene	23.068	252	1943739	40.217	ng	98
89) Benzo(k)fluoranthene	23.115	252	1750248	35.402	ng	98
90) Benzo(a)pyrene	23.680	252	1660854	35.764	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1875700	37.596	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1752506	35.899	ng	96

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

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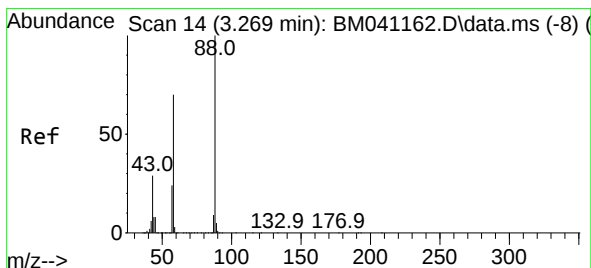
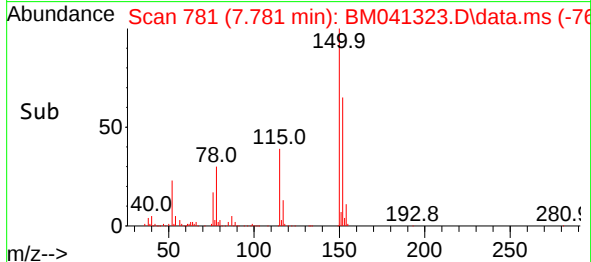
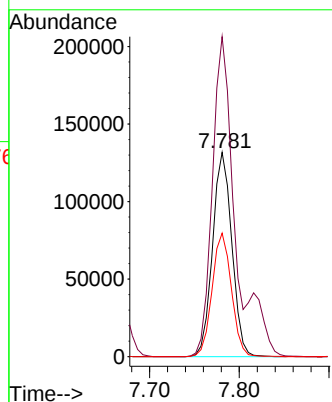
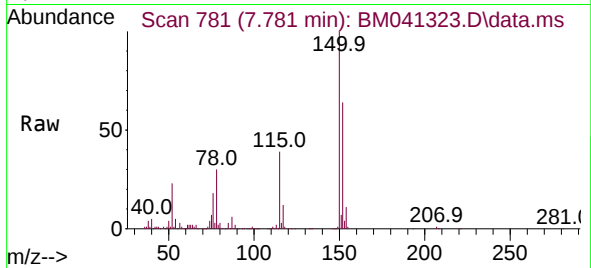




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

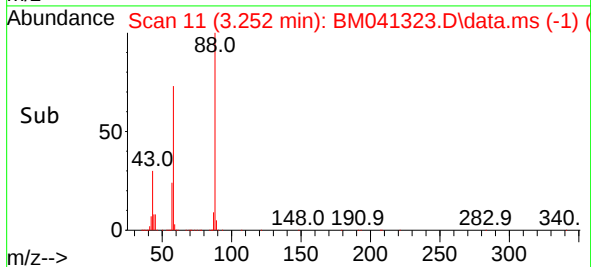
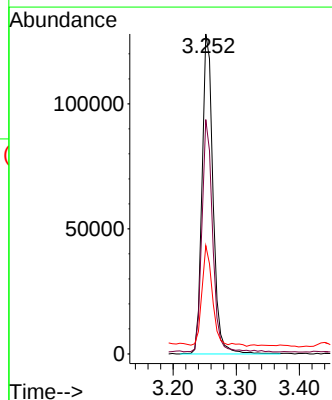
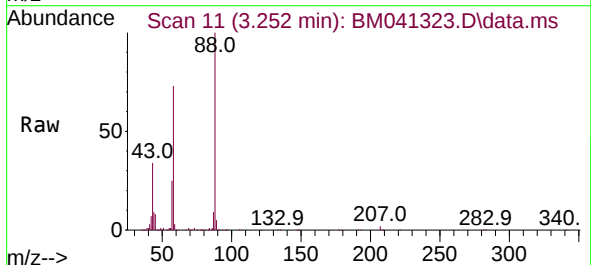
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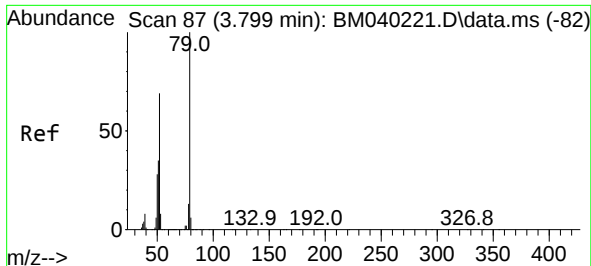
Tgt Ion:152 Resp: 196612
Ion Ratio Lower Upper
152 100
150 156.6 125.5 188.3
115 60.4 48.0 72.0



#2
1,4-Dioxane
Concen: 27.458 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 88 Resp: 154520
Ion Ratio Lower Upper
88 100
58 69.8 58.2 87.4
43 28.8 24.4 36.6

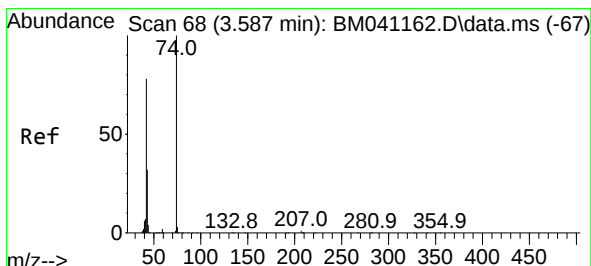
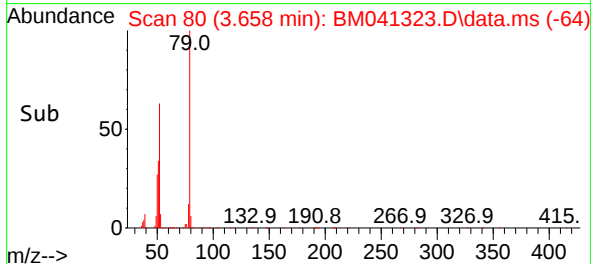
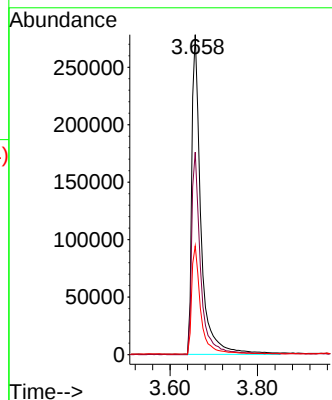
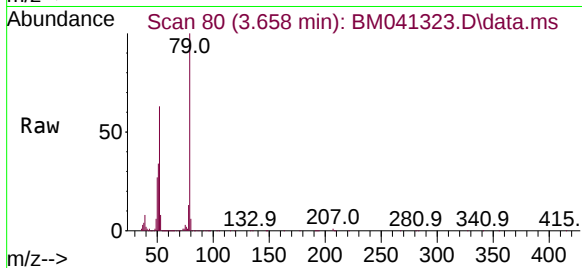




#3
 Pyridine
 Concen: 27.460 ng
 RT: 3.658 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

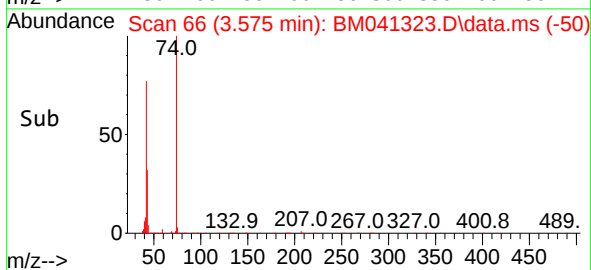
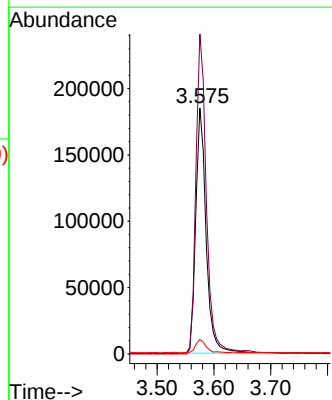
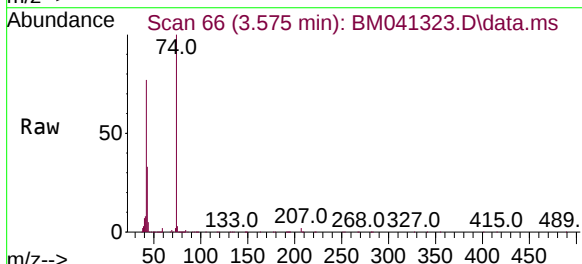
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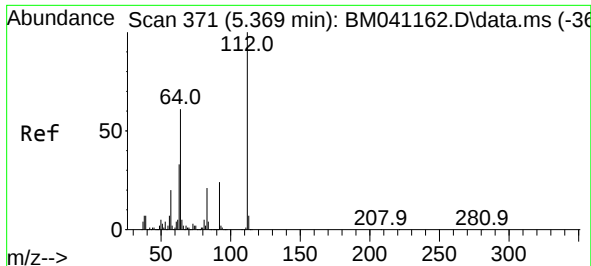
Tgt Ion: 79 Resp: 406314
 Ion Ratio Lower Upper
 79 100
 52 63.3 52.1 78.1
 51 34.0 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 34.224 ng
 RT: 3.575 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

Tgt Ion: 42 Resp: 234213
 Ion Ratio Lower Upper
 42 100
 74 130.1 100.8 151.2
 44 5.9 5.0 7.4

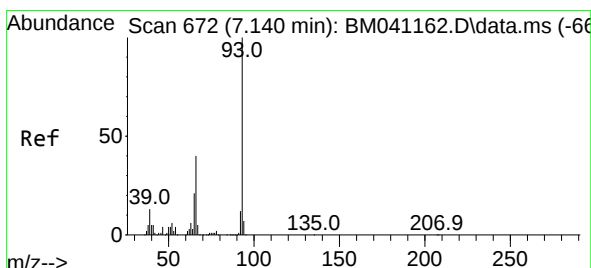
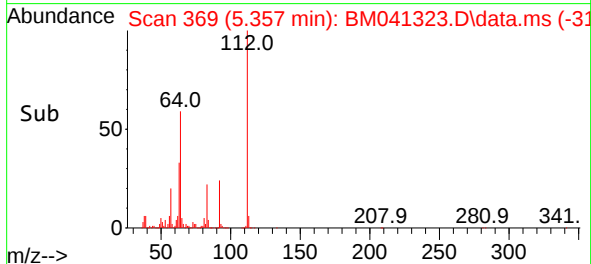
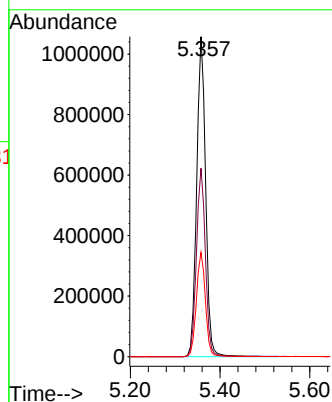
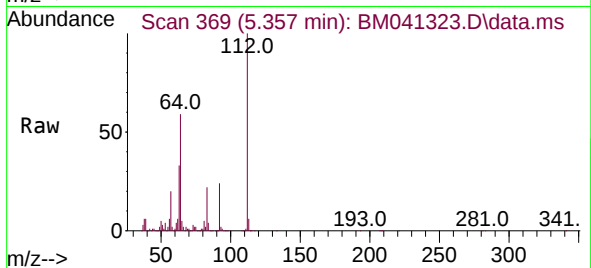




#5
2-Fluorophenol
Concen: 111.269 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

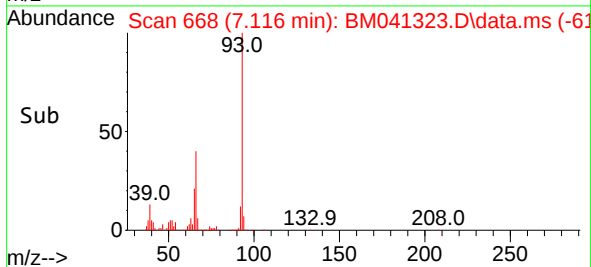
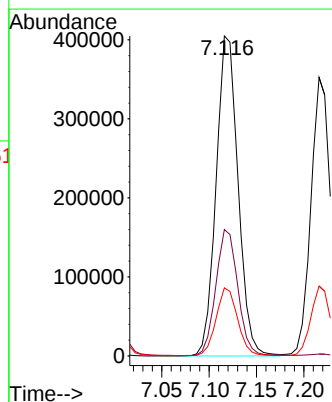
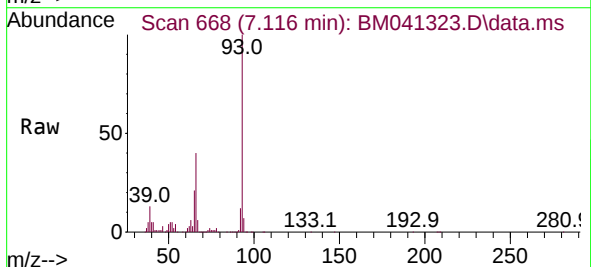
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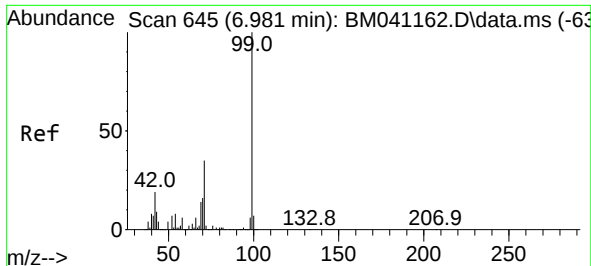
Tgt Ion:112 Resp: 1463742
Ion Ratio Lower Upper
112 100
64 58.9 48.5 72.7
63 32.6 26.5 39.7



#6
Aniline
Concen: 32.702 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 93 Resp: 652604
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 21.3 16.6 24.8



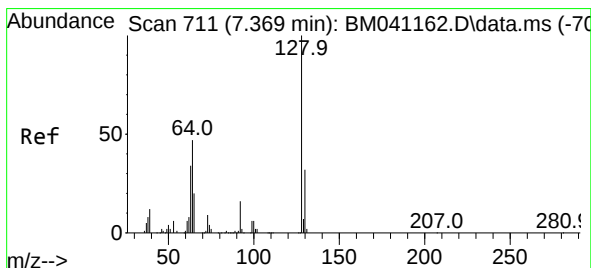
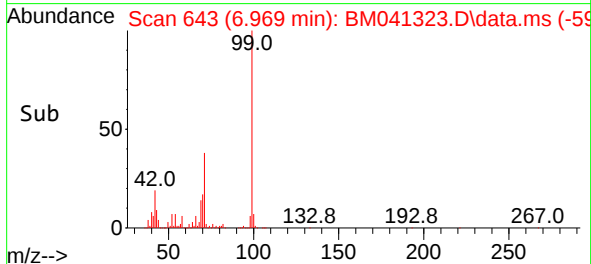
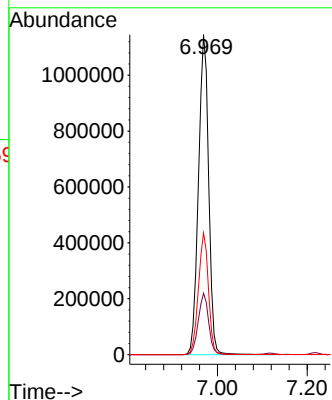
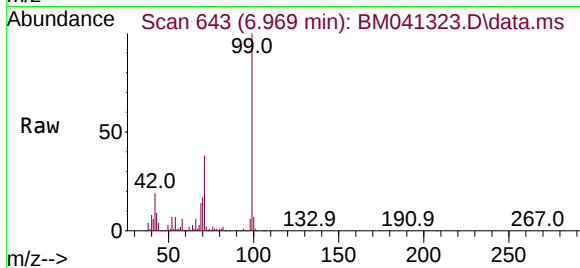


#7
Phenol-d6
Concen: 105.661 ng
RT: 6.969 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Instrument :
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Tgt Ion: 99 Resp: 1801727

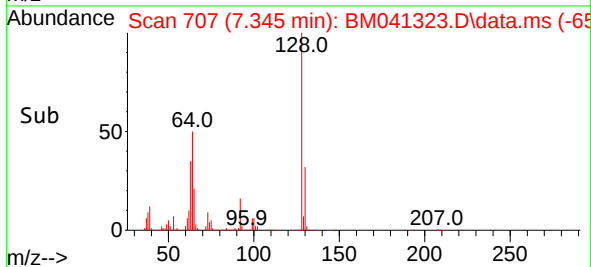
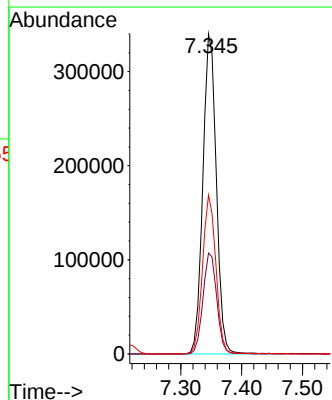
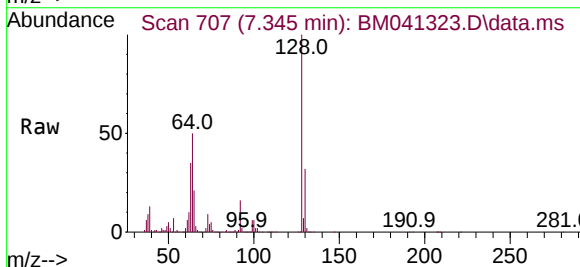
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	38.0	28.2	42.4

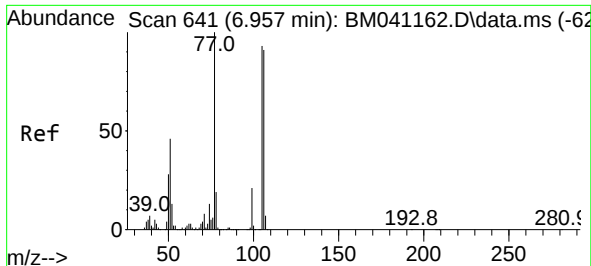


#8
2-Chlorophenol
Concen: 40.588 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 128 Resp: 521243

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.3	52.3
64	49.6	29.3	69.3

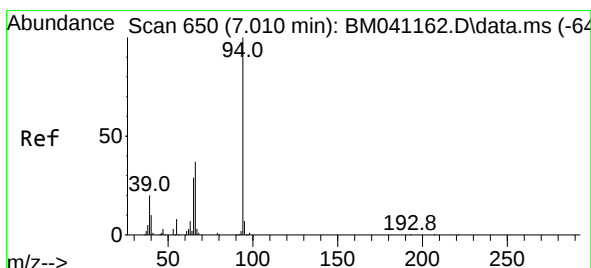
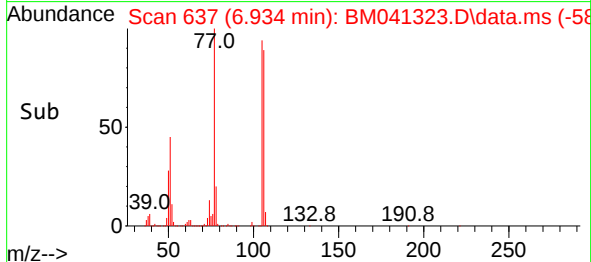
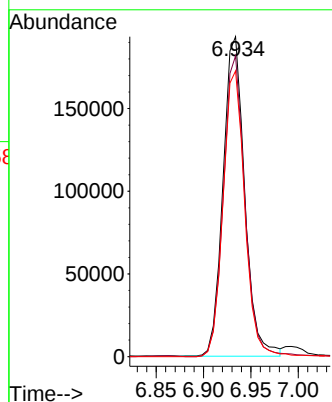
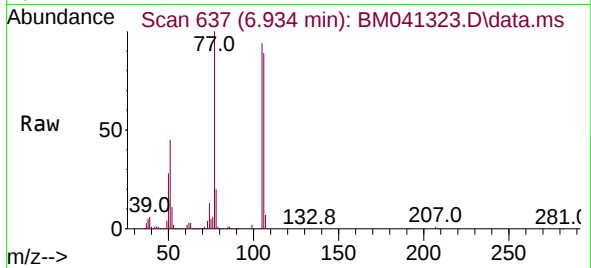




#9
Benzaldehyde
Concen: 34.083 ng
RT: 6.934 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041323.D
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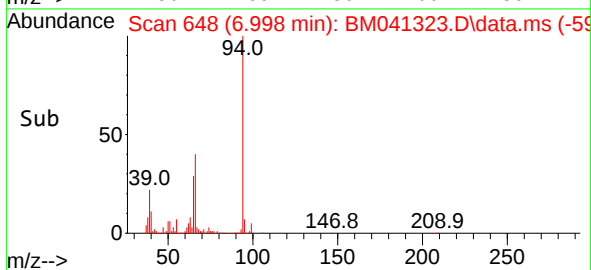
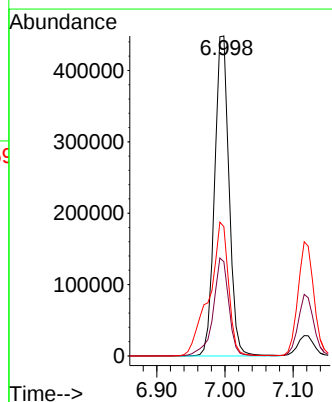
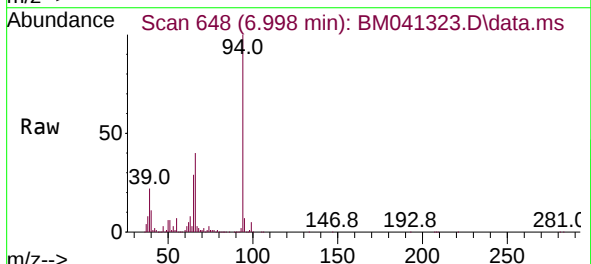
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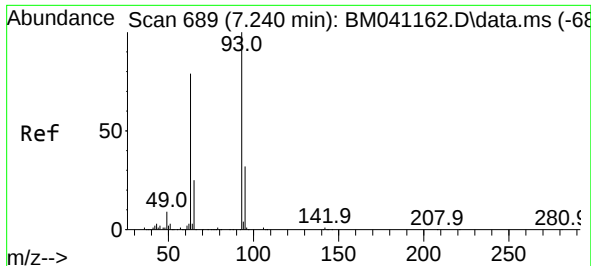
Tgt Ion: 77 Resp: 306664
Ion Ratio Lower Upper
77 100
105 94.0 72.8 112.8
106 89.3 70.8 110.8



#10
Phenol
Concen: 40.022 ng
RT: 6.998 min Scan# 648
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 94 Resp: 659138
Ion Ratio Lower Upper
94 100
65 29.4 9.5 49.5
66 40.4 18.0 58.0

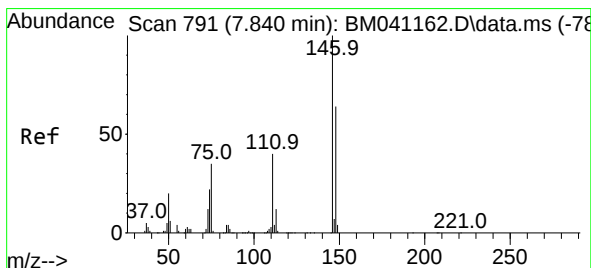
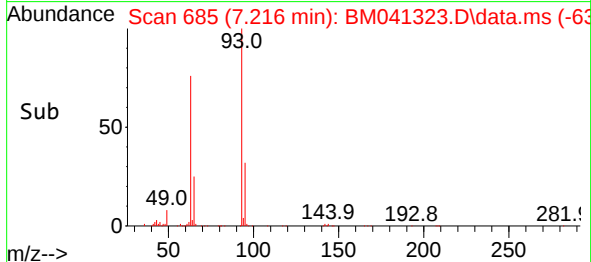
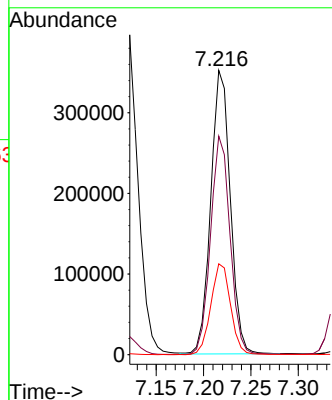
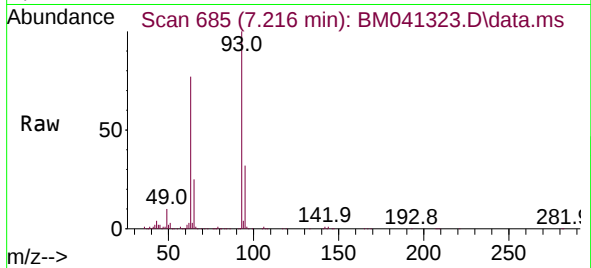




#11
bis(2-Chloroethyl)ether
Concen: 37.897 ng
RT: 7.216 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

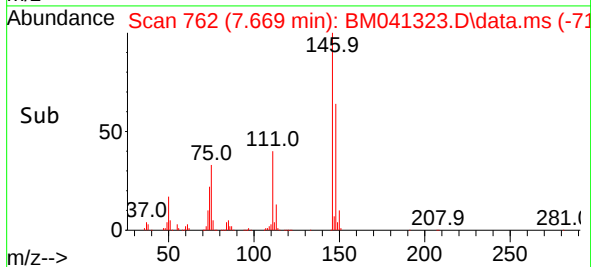
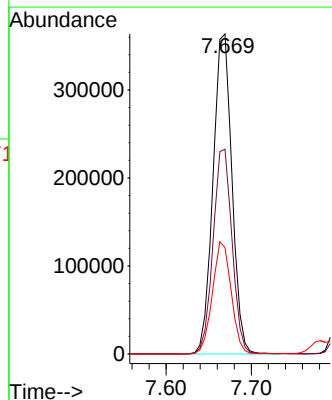
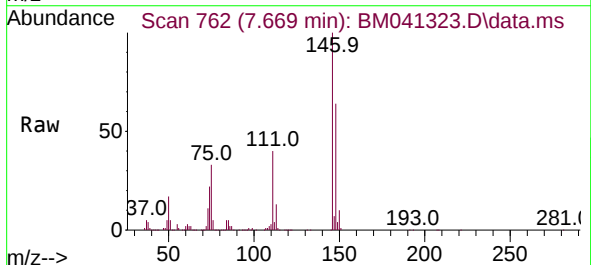
Instrument :
BNA_M
ClientSampleId :
PB154564BS

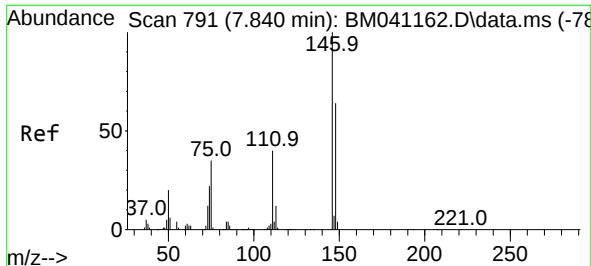
Tgt Ion: 93 Resp: 505218
Ion Ratio Lower Upper
93 100
63 76.9 58.8 98.8
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.155 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 146 Resp: 561338
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 33.2 28.3 42.5

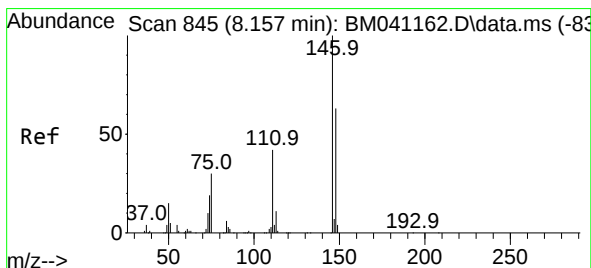
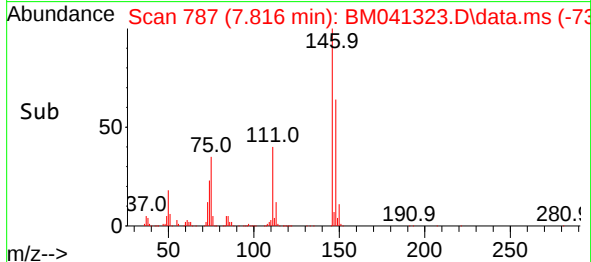
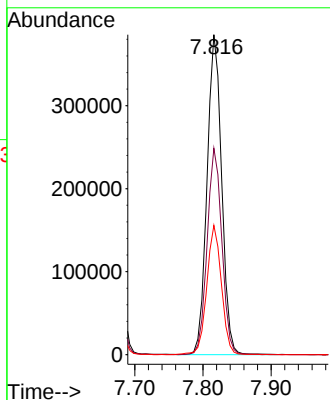
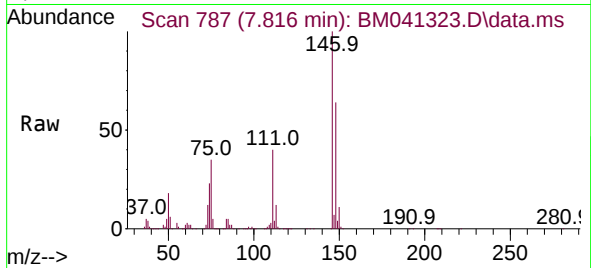




#13
1,4-Dichlorobenzene
Concen: 40.907 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

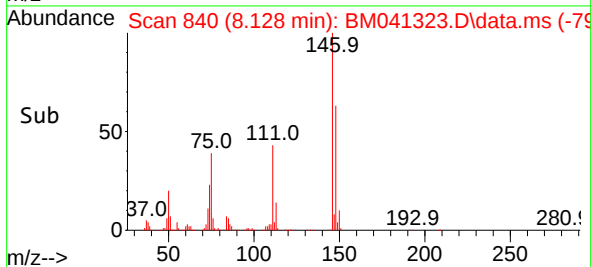
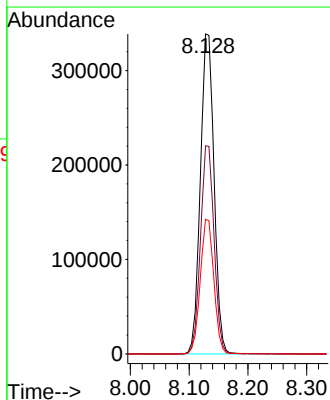
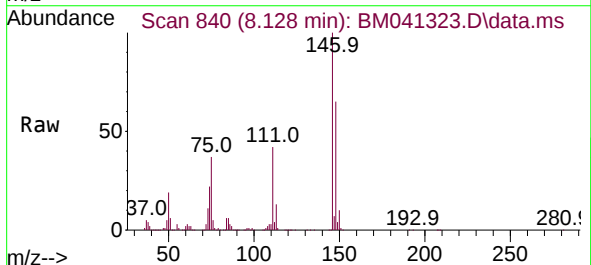
Instrument :
BNA_M
ClientSampleId :
PB154564BS

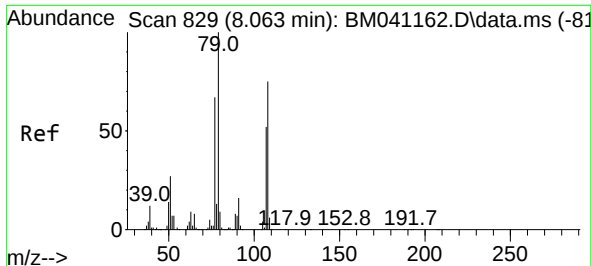
Tgt Ion:146 Resp: 574770
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 40.4 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 40.729 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:146 Resp: 548712
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
111 42.0 33.8 50.6

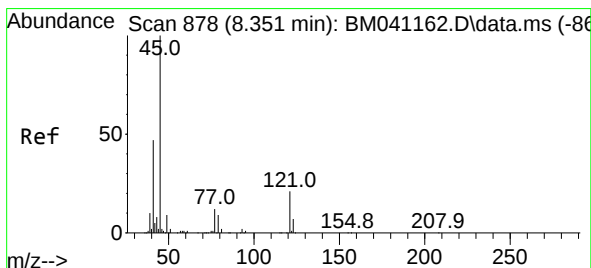
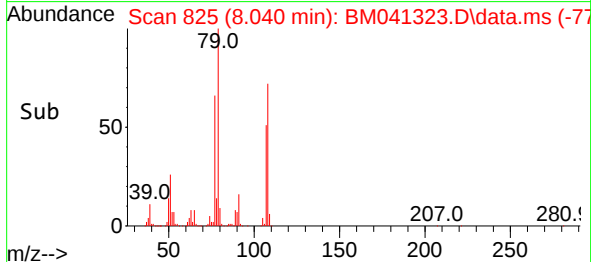
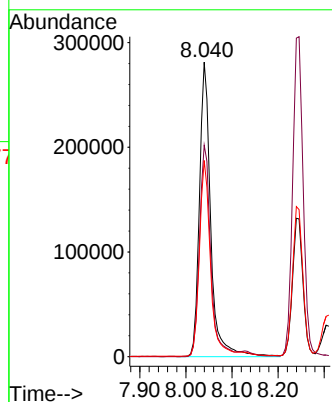
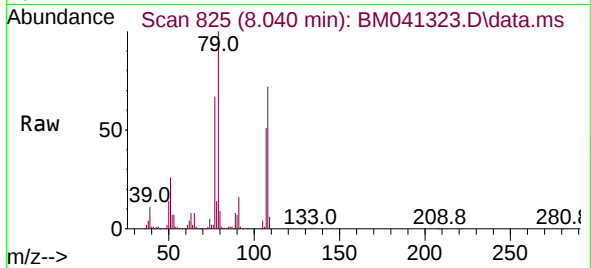




#15
Benzyl Alcohol
Concen: 44.252 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

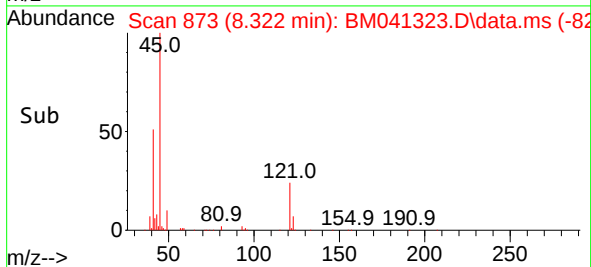
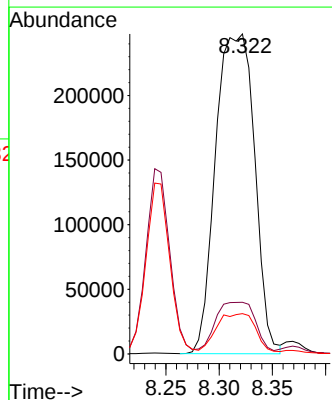
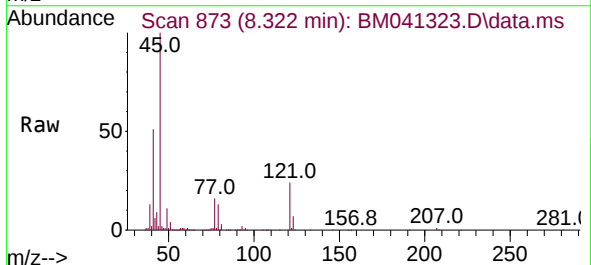
Instrument :
BNA_M
ClientSampleId :
PB154564BS

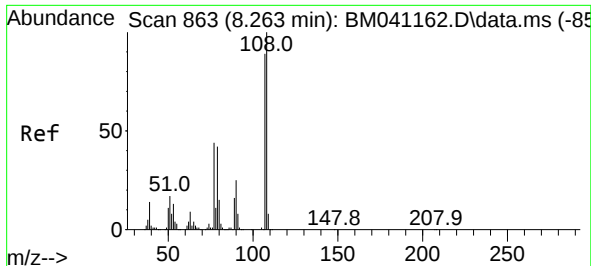
Tgt Ion: 79 Resp: 476532
Ion Ratio Lower Upper
79 100
108 71.8 59.8 89.8
77 66.6 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.394 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 45 Resp: 628693
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.5
79 12.6 0.0 32.1





#17

2-Methylphenol

Concen: 38.218 ng

RT: 8.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041323.D

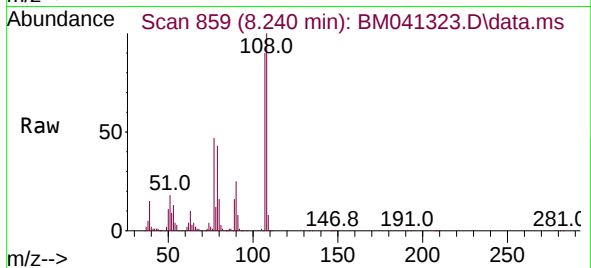
Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS



Tgt Ion:107 Resp: 430025

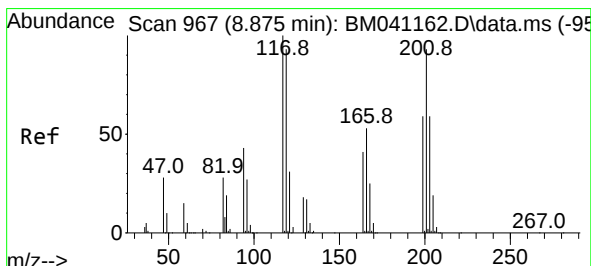
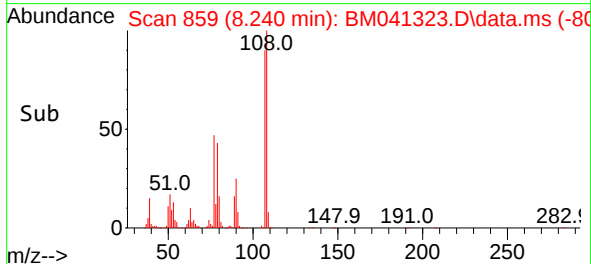
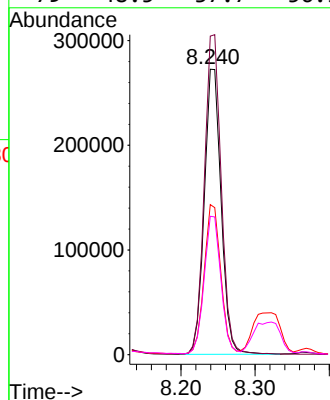
Ion Ratio Lower Upper

107 100

108 111.6 89.9 134.9

77 52.5 39.8 59.8

79 48.5 37.7 56.5



#18

Hexachloroethane

Concen: 41.392 ng

RT: 8.851 min Scan# 963

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

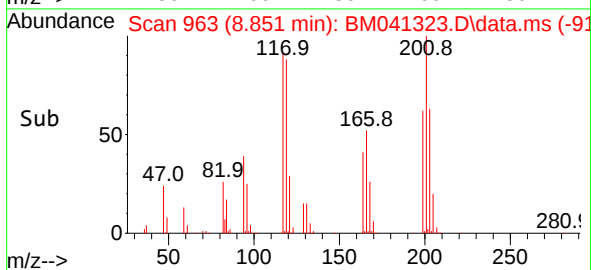
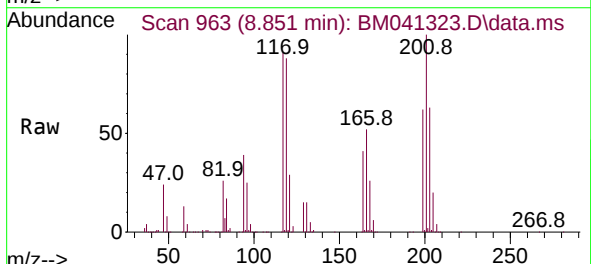
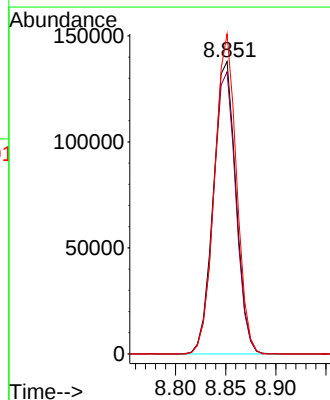
Tgt Ion:117 Resp: 216524

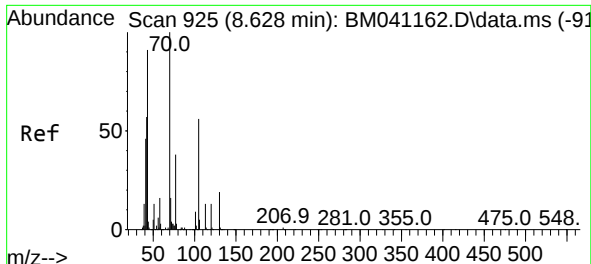
Ion Ratio Lower Upper

117 100

119 96.4 74.2 111.4

201 111.7 74.5 111.7

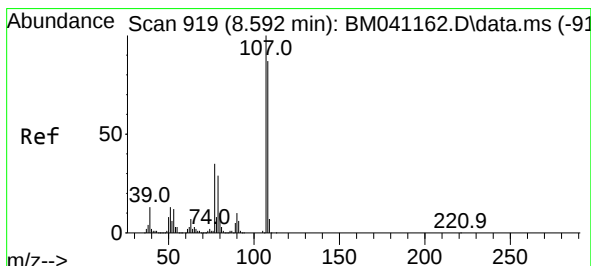
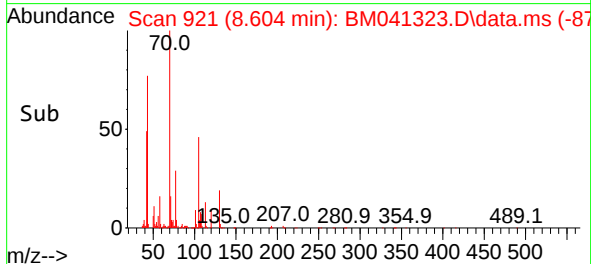
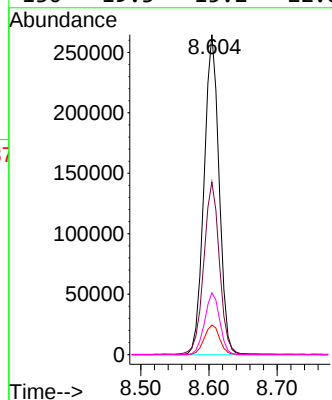
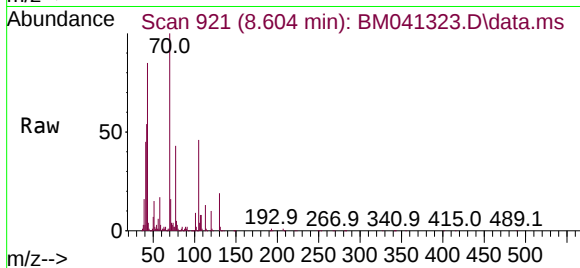




#19
n-Nitroso-di-n-propylamine
Concen: 39.144 ng
RT: 8.604 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

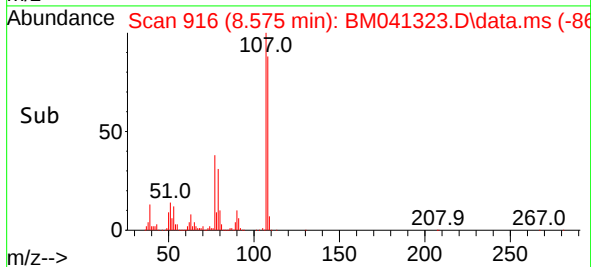
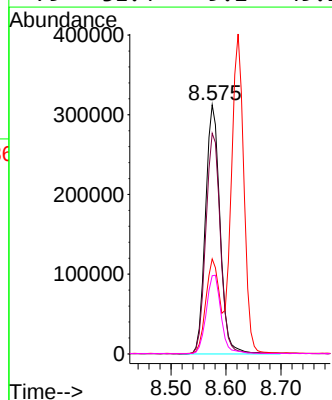
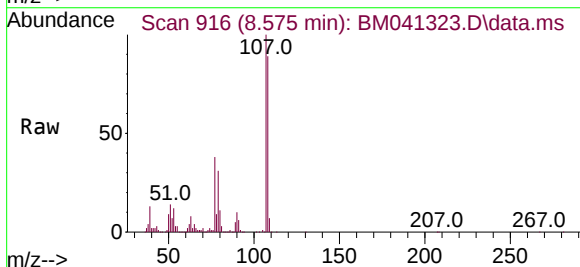
Instrument :
BNA_M
ClientSampleId :
PB154564BS

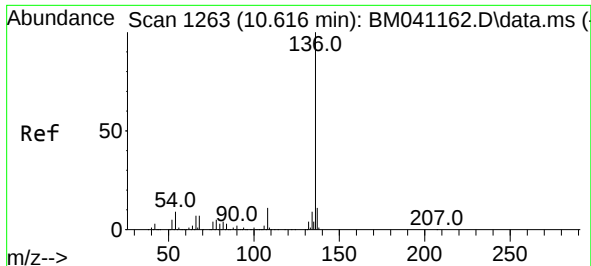
Tgt Ion:	70	Resp:	405426
Ion	Ratio	Lower	Upper
70	100		
42	53.9	45.8	68.8
101	9.3	7.4	11.0
130	19.3	15.2	22.8



#20
3+4-Methylphenols
Concen: 38.225 ng
RT: 8.575 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:	107	Resp:	575064
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.2	107.2
77	38.1	15.4	55.4
79	31.4	9.2	49.2

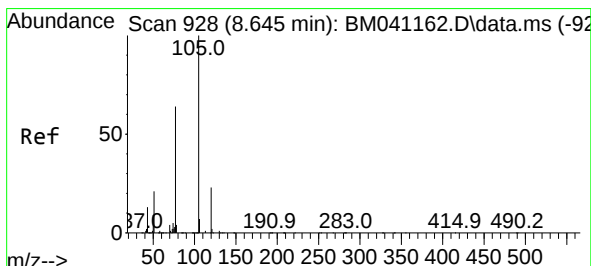
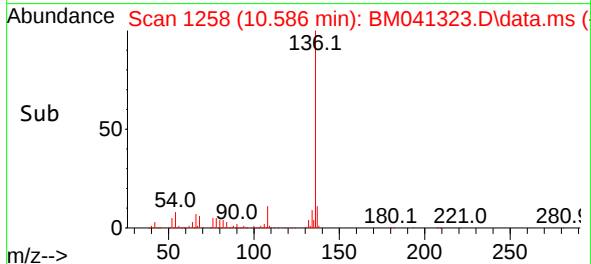
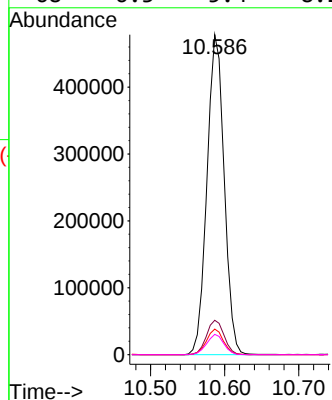
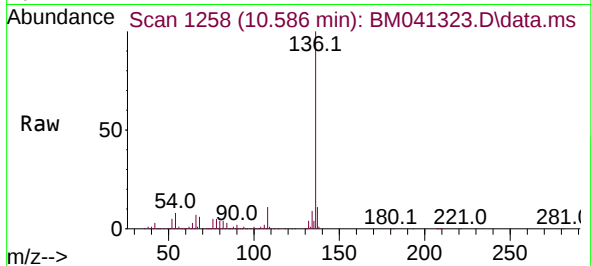




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

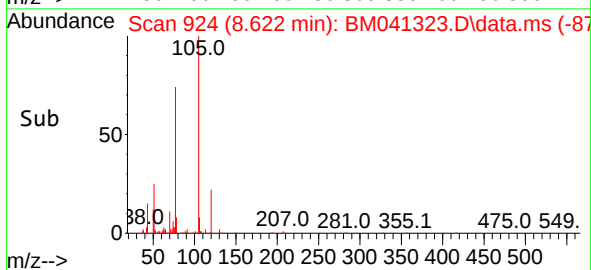
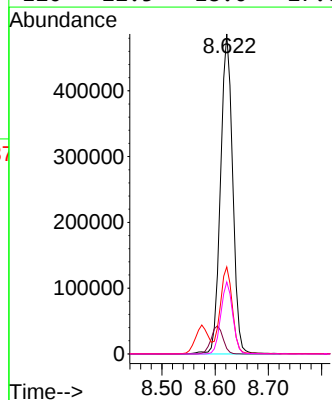
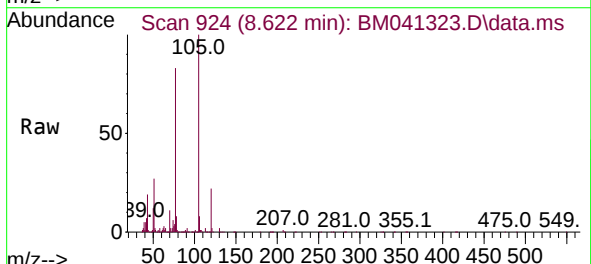
Instrument :
BNA_M
ClientSampleId :
PB154564BS

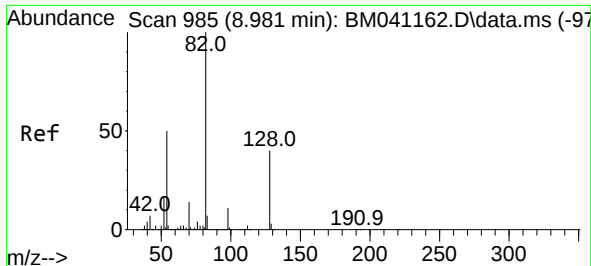
Tgt Ion:	136	Resp:	770910
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	6.9	10.3
68	6.3	5.4	8.2



#22
Acetophenone
Concen: 37.630 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:	105	Resp:	768294
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.2	1.8
51	27.2	22.0	33.0
120	22.5	18.0	27.0

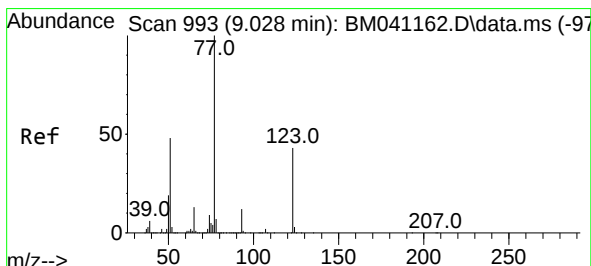
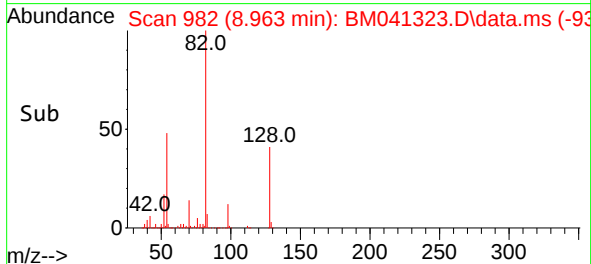
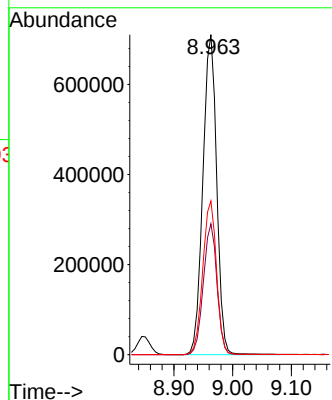
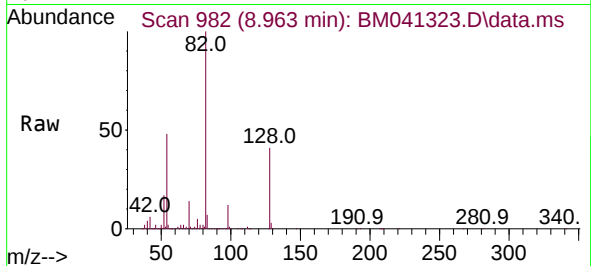




#23
Nitrobenzene-d5
Concen: 69.822 ng
RT: 8.963 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

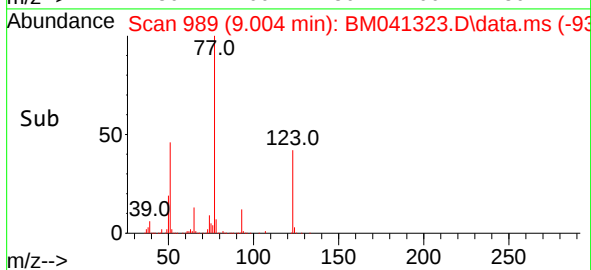
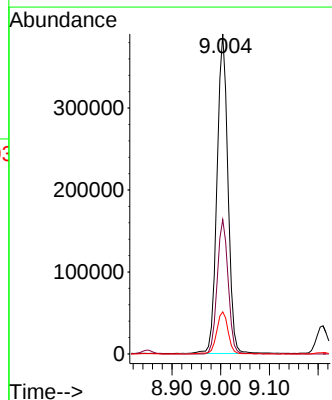
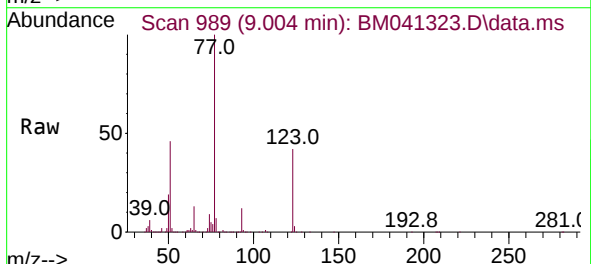
Instrument :
BNA_M
ClientSampleId :
PB154564BS

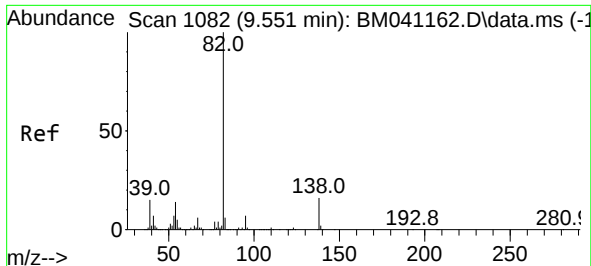
Tgt Ion: 82 Resp: 1157440
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.0 40.1 60.1



#24
Nitrobenzene
Concen: 36.275 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 77 Resp: 608117
Ion Ratio Lower Upper
77 100
123 42.0 34.2 51.2
65 13.1 10.7 16.1

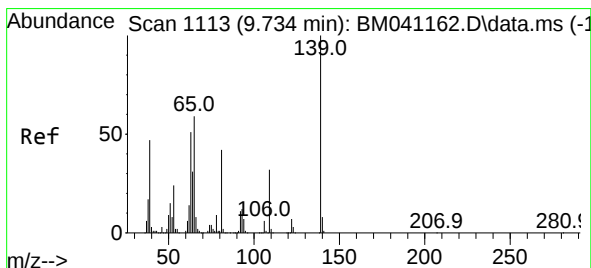
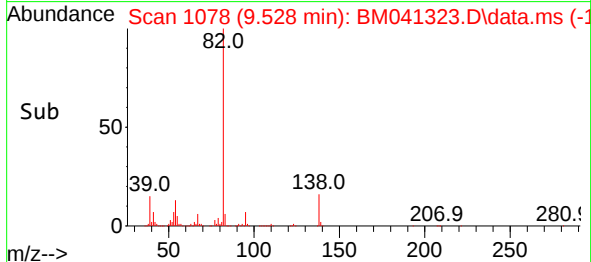
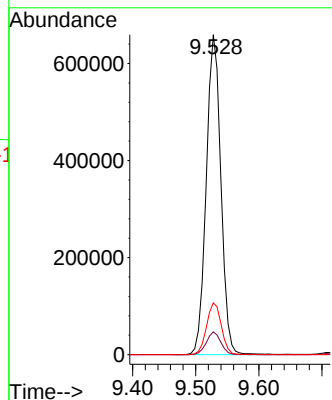
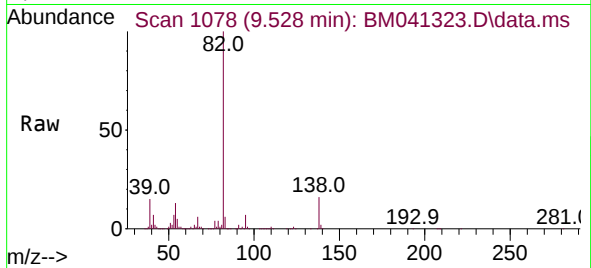




#25
Isophorone
Concen: 37.631 ng
RT: 9.528 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

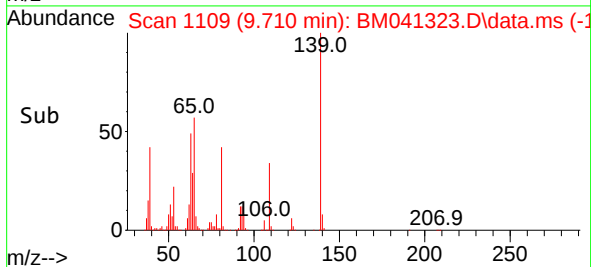
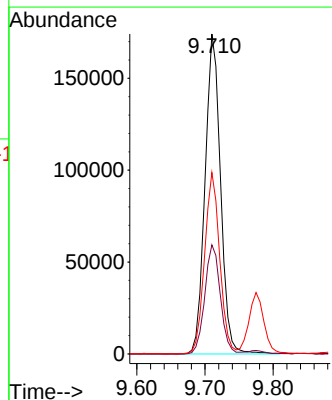
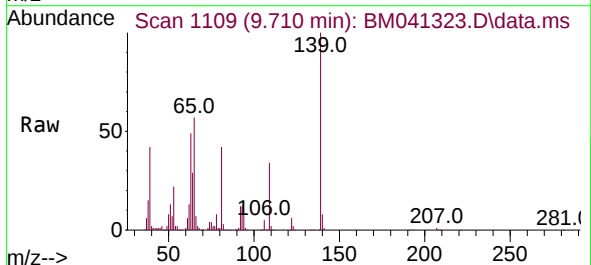
Instrument :
BNA_M
ClientSampleId :
PB154564BS

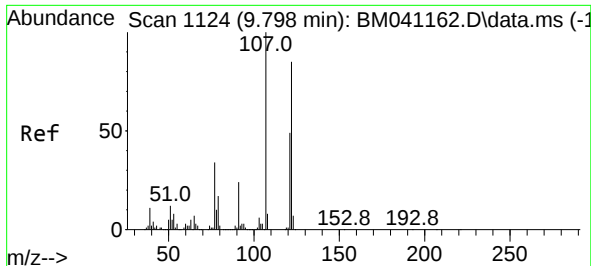
Tgt Ion: 82 Resp: 1058921
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.2 12.8 19.2



#26
2-Nitrophenol
Concen: 42.056 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 139 Resp: 275609
Ion Ratio Lower Upper
139 100
109 34.1 25.4 38.2
65 56.7 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 36.178 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

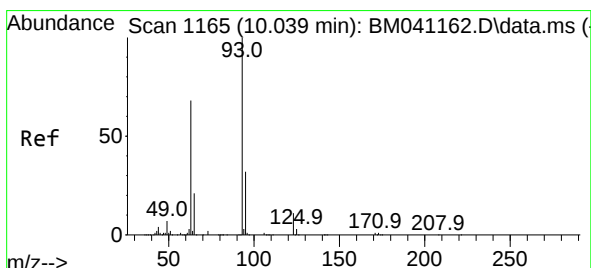
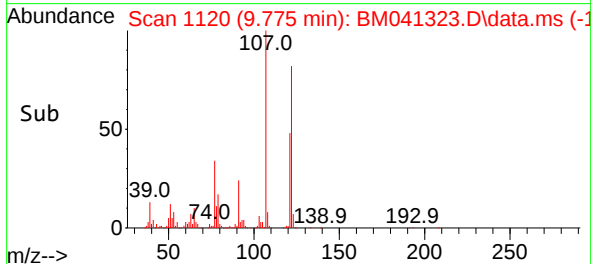
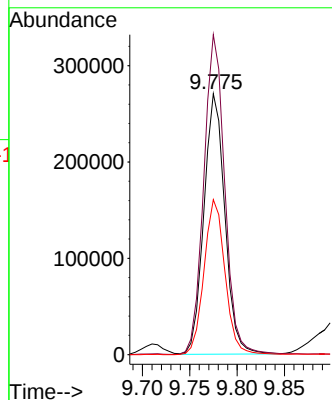
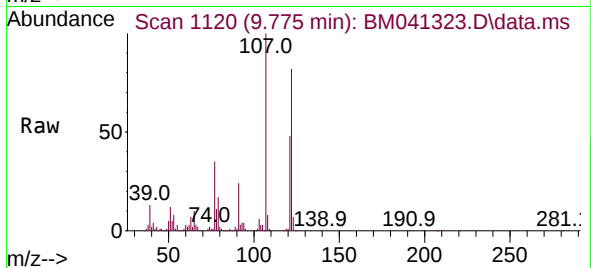
Tgt Ion:122 Resp: 417197

Ion Ratio Lower Upper

122 100

107 122.6 94.3 141.5

121 59.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.088 ng

RT: 10.016 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

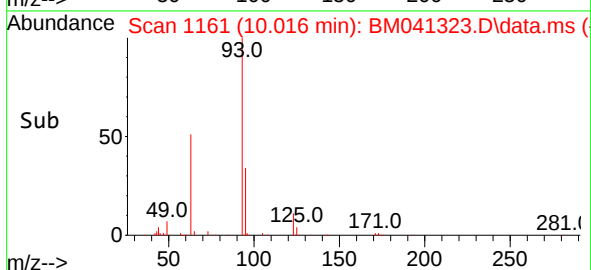
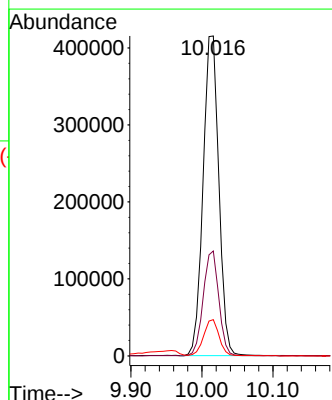
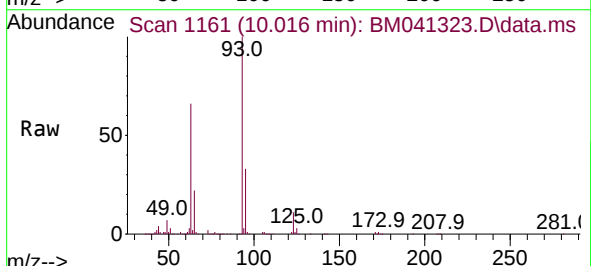
Tgt Ion: 93 Resp: 636116

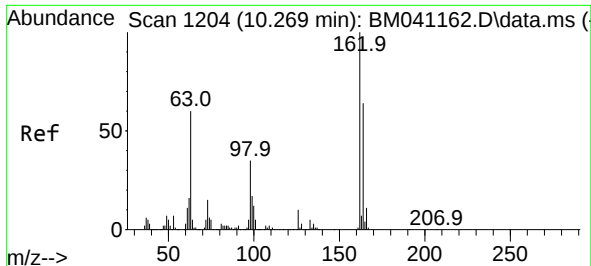
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.530 ng

RT: 10.245 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

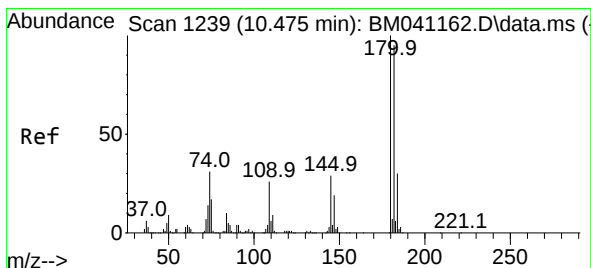
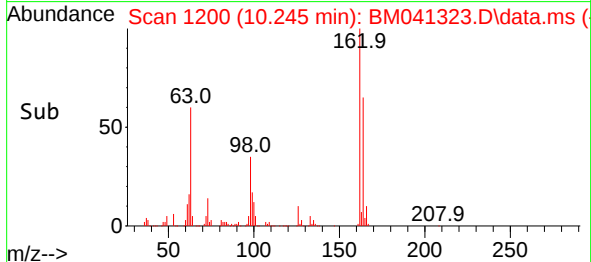
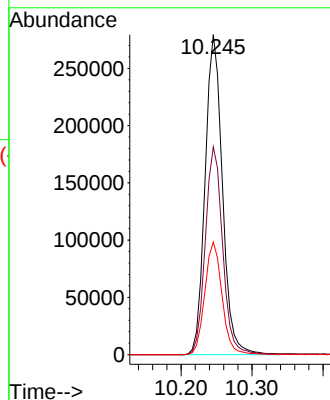
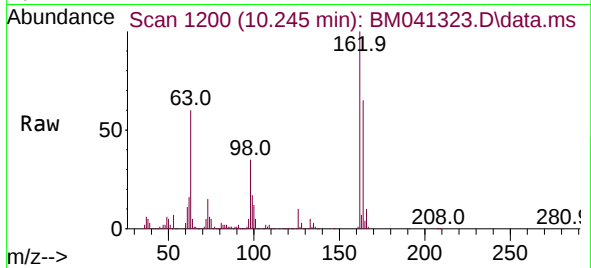
Tgt Ion:162 Resp: 471338

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 35.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 40.936 ng

RT: 10.451 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

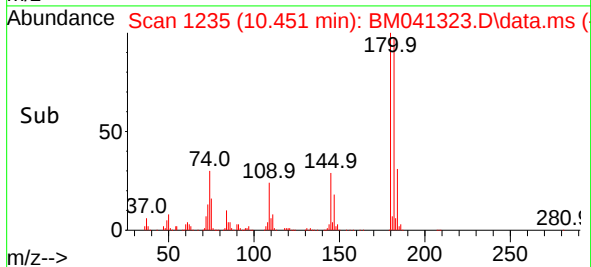
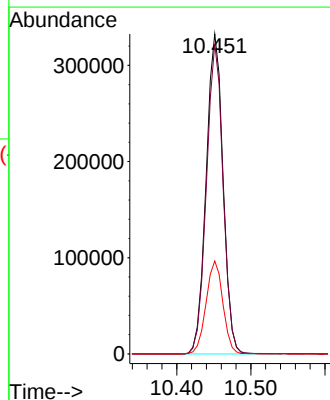
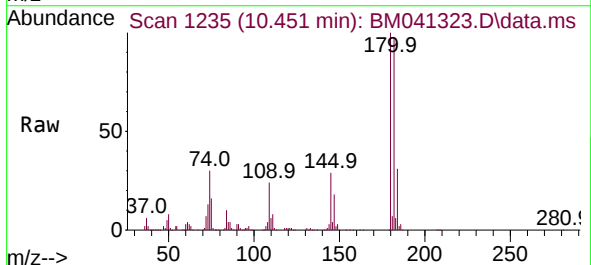
Tgt Ion:180 Resp: 525975

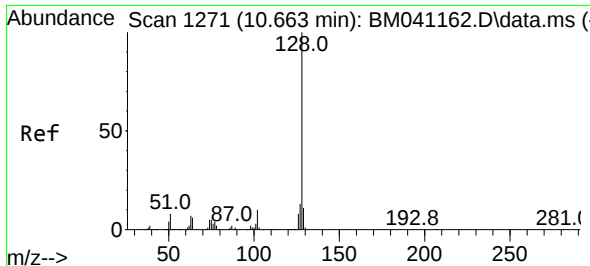
Ion Ratio Lower Upper

180 100

182 96.9 75.9 113.9

145 29.0 23.6 35.4

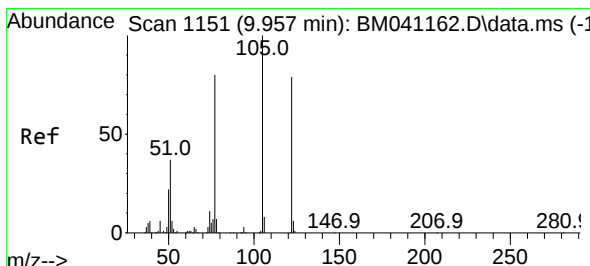
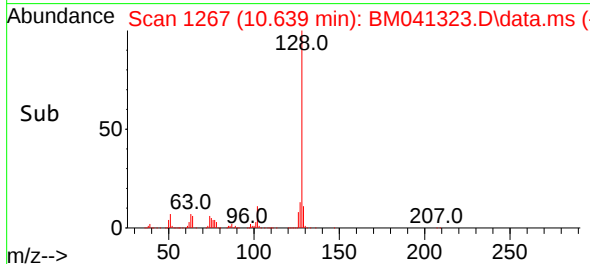
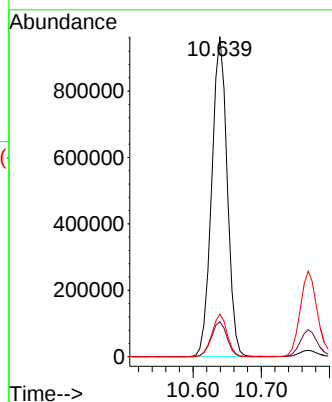
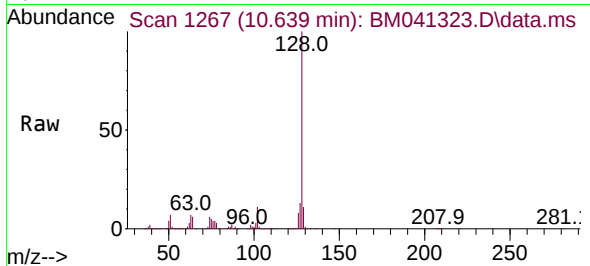




#31
Naphthalene
Concen: 36.120 ng
RT: 10.639 min Scan# 111
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

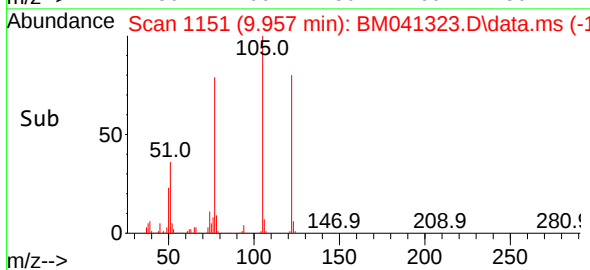
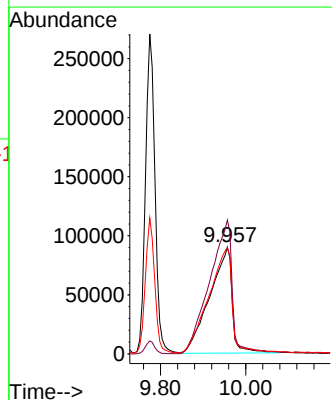
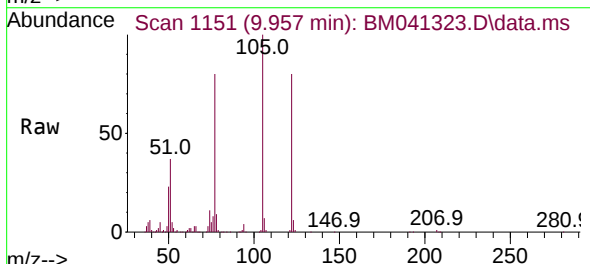
Instrument :
BNA_M
ClientSampleId :
PB154564BS

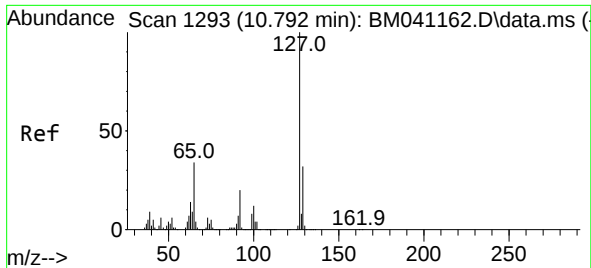
Tgt Ion:128 Resp: 1511061
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 39.298 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:122 Resp: 327160
Ion Ratio Lower Upper
122 100
105 125.4 104.0 144.0
77 99.8 79.9 119.9

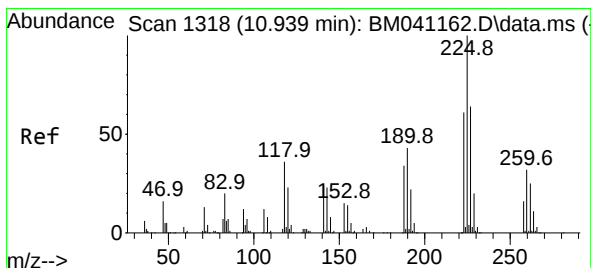
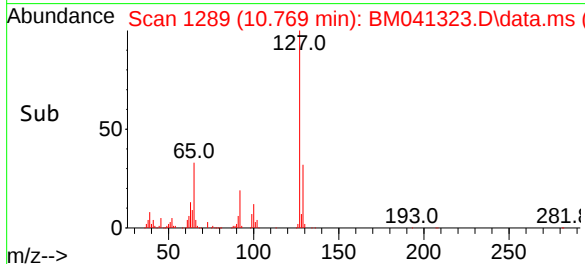
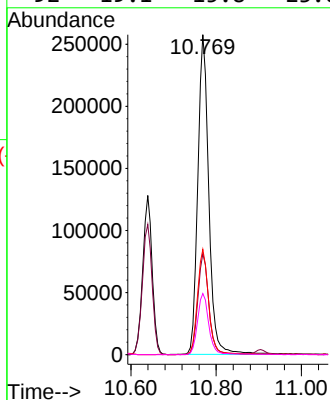
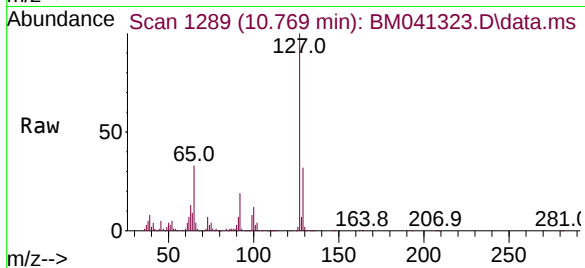




#33
4-Chloroaniline
Concen: 27.649 ng
RT: 10.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

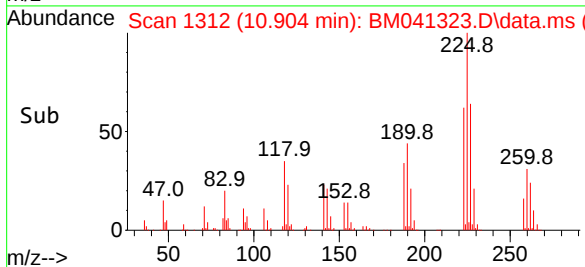
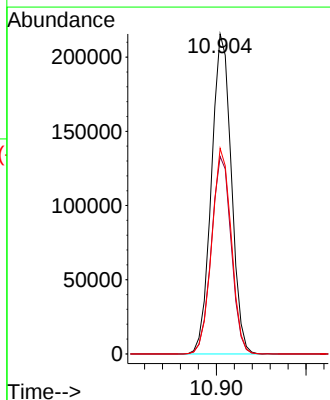
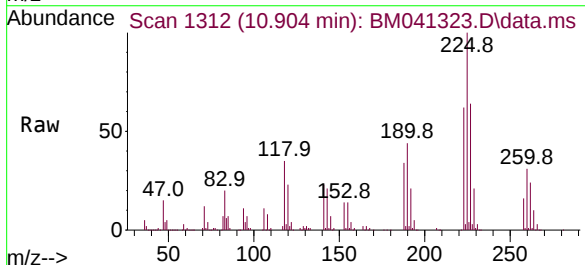
Instrument :
BNA_M
ClientSampleId :
PB154564BS

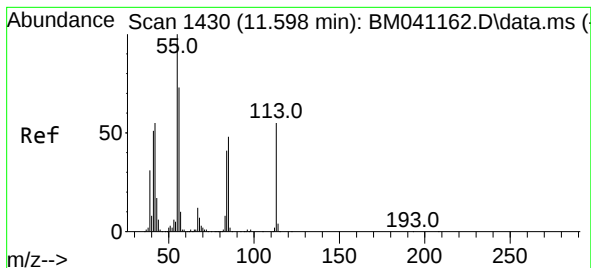
Tgt Ion:	127	Resp:	462239
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	32.9	26.9	40.3
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.134 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:	225	Resp:	333322
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.0	73.4
227	64.2	50.8	76.2

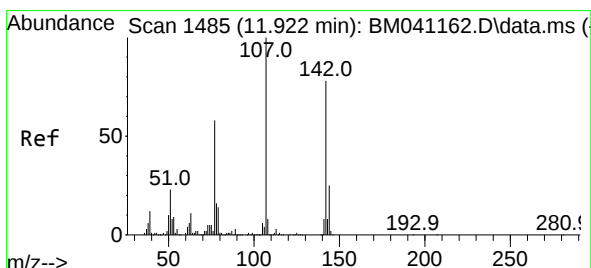
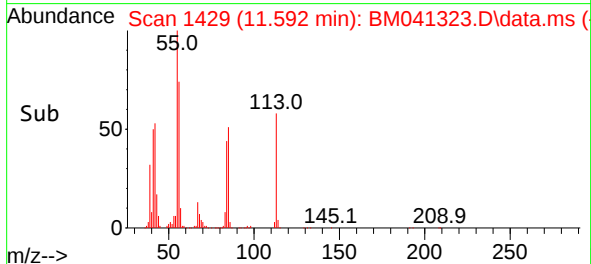
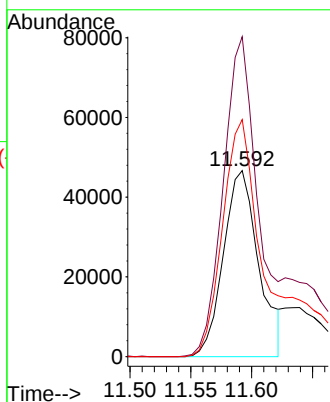
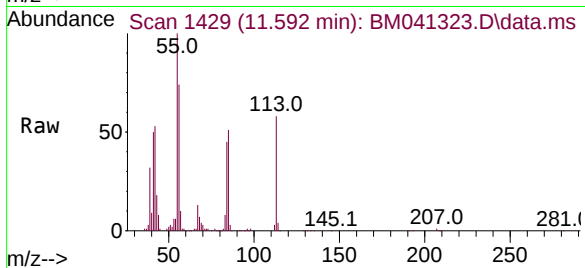




#35
 Caprolactam
 Concen: 27.979 ng
 RT: 11.592 min Scan# 1429
 Delta R.T. 0.000 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

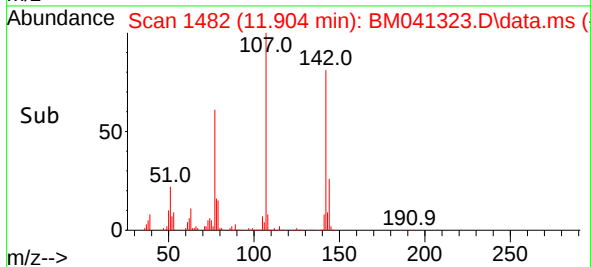
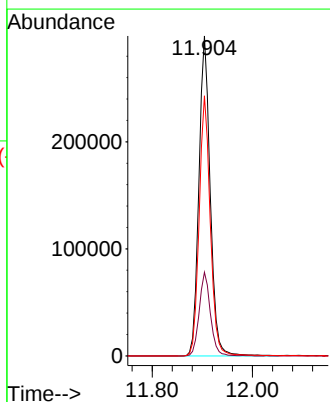
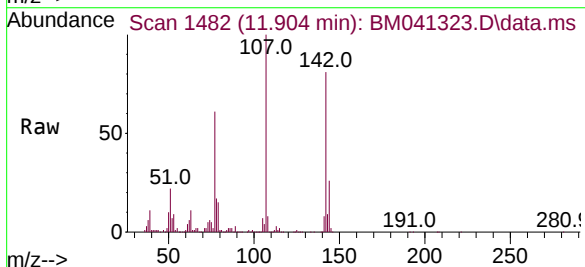
Instrument :
 BNA_M
 ClientSampleId :
 PB154564BS

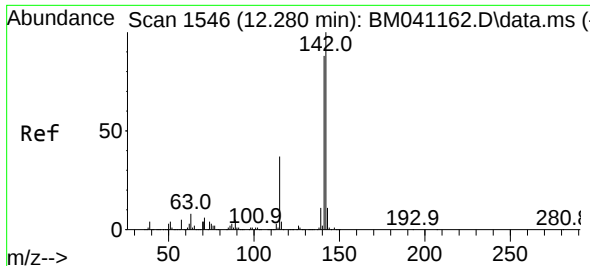
Tgt Ion:113 Resp: 94125
 Ion Ratio Lower Upper
 113 100
 55 172.1 162.5 202.5
 56 127.5 114.1 154.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.243 ng
 RT: 11.904 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

Tgt Ion:107 Resp: 468097
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.1 30.1
 142 81.3 62.2 93.4

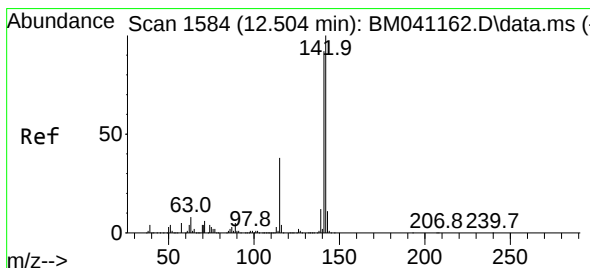
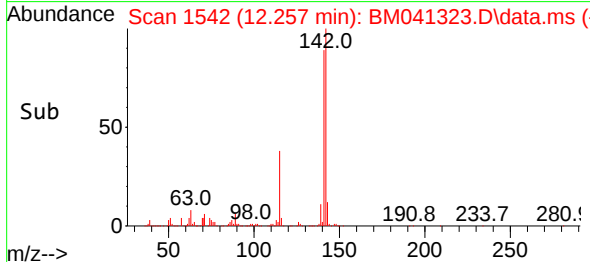
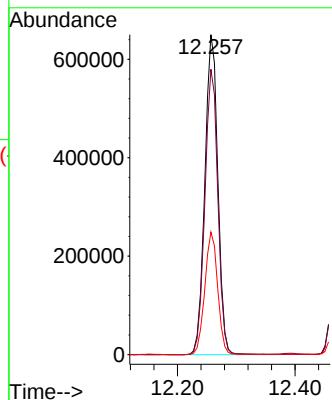
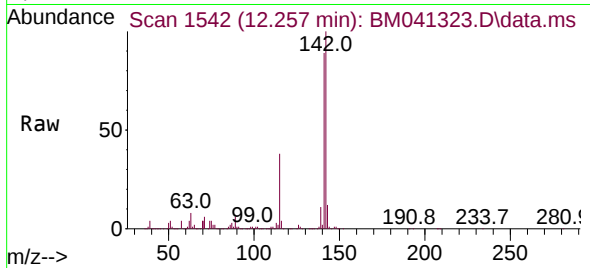




#37
2-Methylnaphthalene
Concen: 35.373 ng
RT: 12.257 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

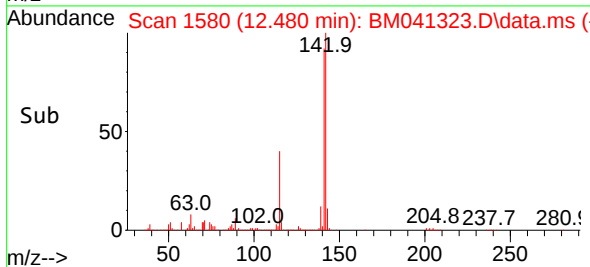
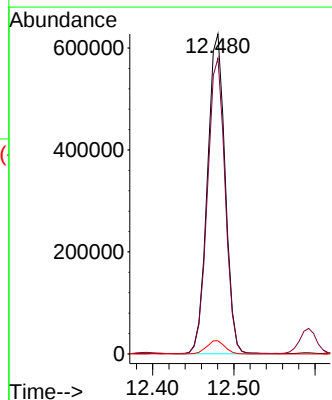
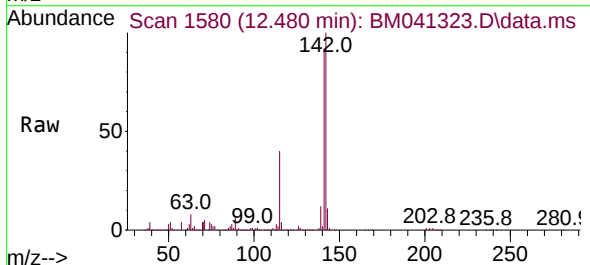
Instrument :
BNA_M
ClientSampleId :
PB154564BS

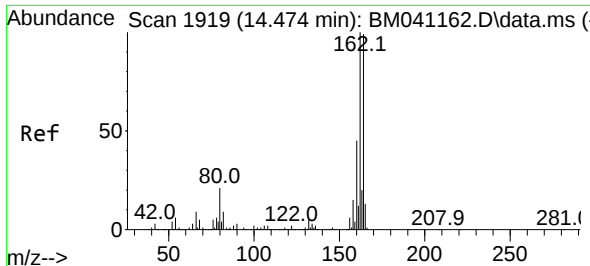
Tgt Ion:142 Resp: 997639
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1
115 38.3 29.3 43.9



#38
1-Methylnaphthalene
Concen: 36.077 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:142 Resp: 952319
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 4.1 3.2 4.8

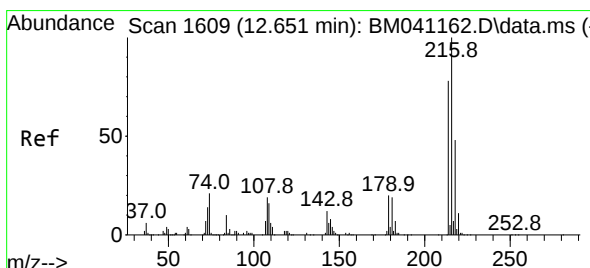
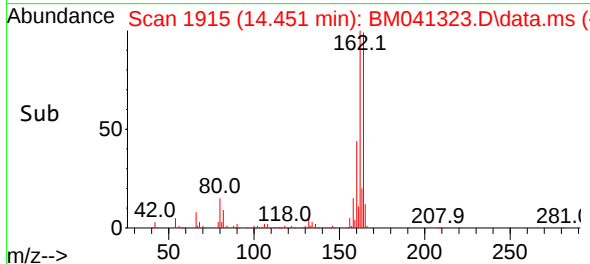
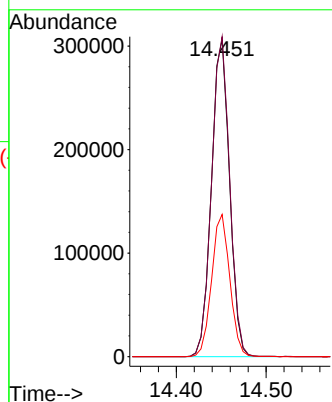
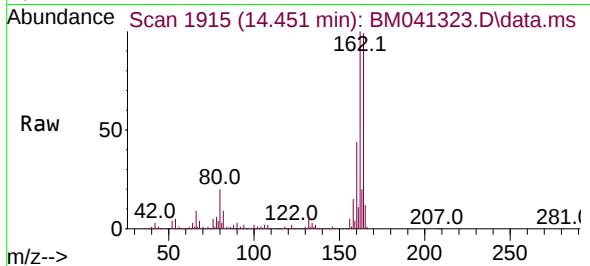




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

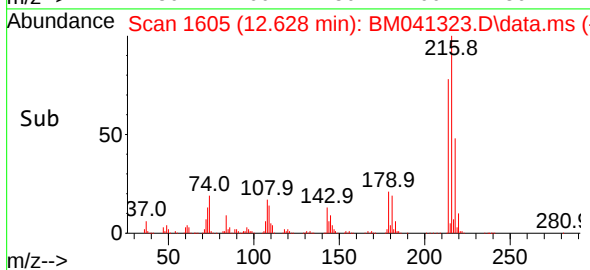
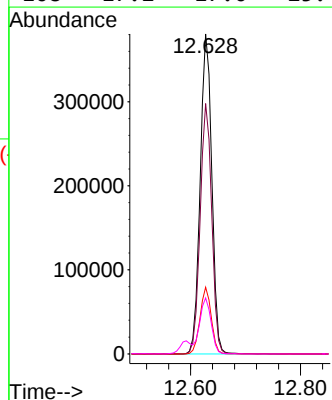
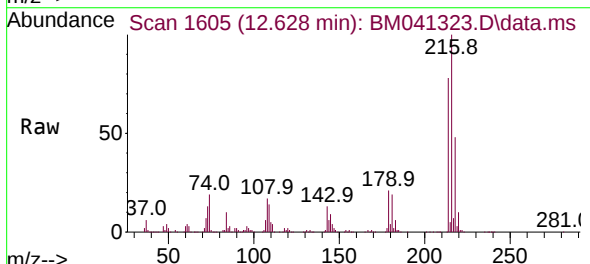
Instrument :
BNA_M
ClientSampleId :
PB154564BS

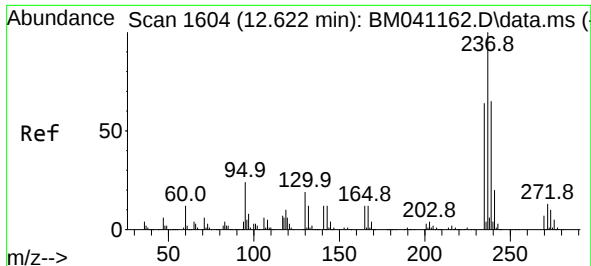
Tgt Ion:164 Resp: 431102
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 44.8 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.707 ng
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:216 Resp: 555838
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 20.2 16.2 24.2
108 17.2 17.0 25.4

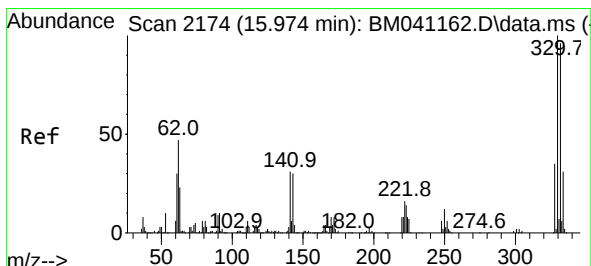
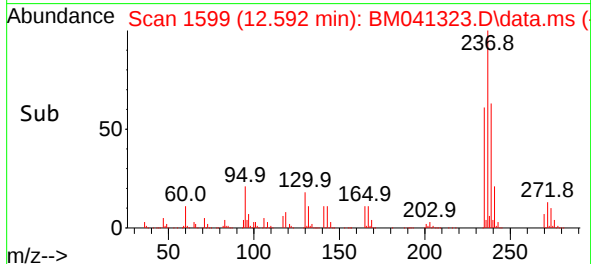
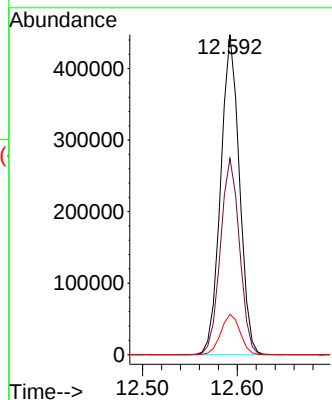
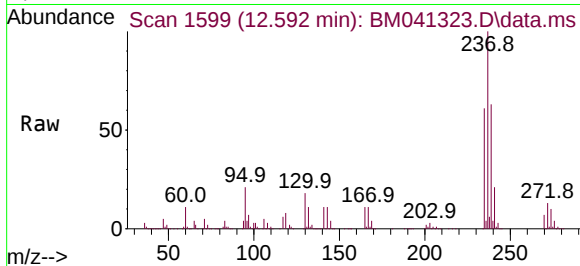




#41
Hexachlorocyclopentadiene
Concen: 82.789 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

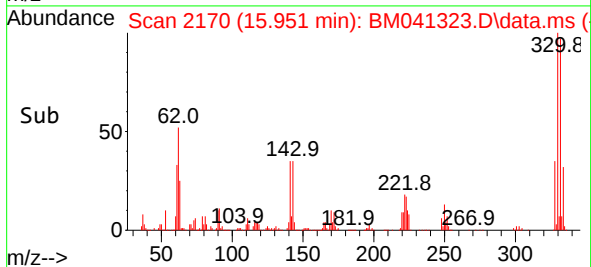
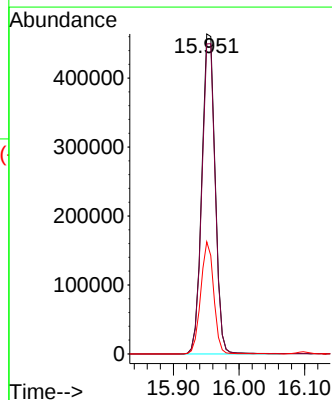
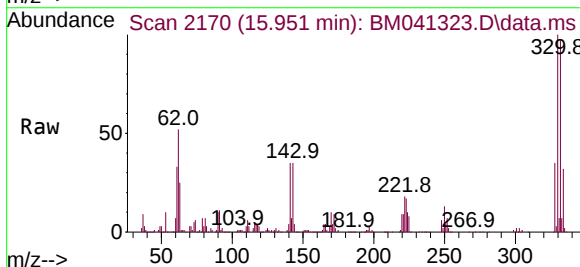
Instrument :
BNA_M
ClientSampleId :
PB154564BS

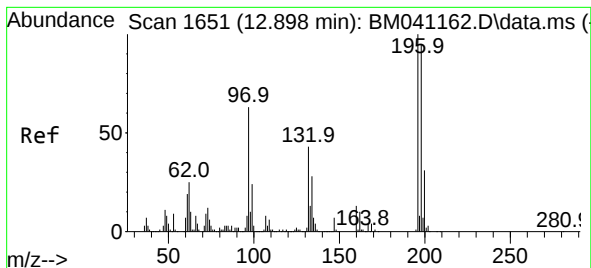
Tgt Ion:237 Resp: 613114
Ion Ratio Lower Upper
237 100
235 61.3 43.6 83.6
272 12.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 106.742 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:330 Resp: 650884
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 34.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.450 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

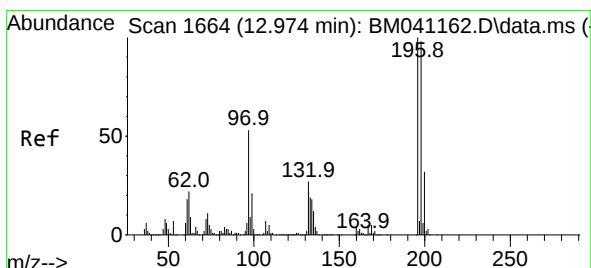
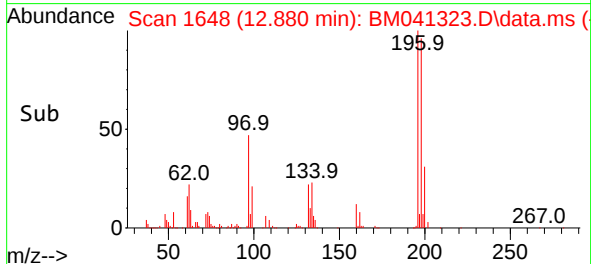
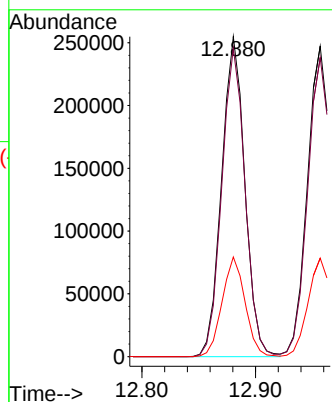
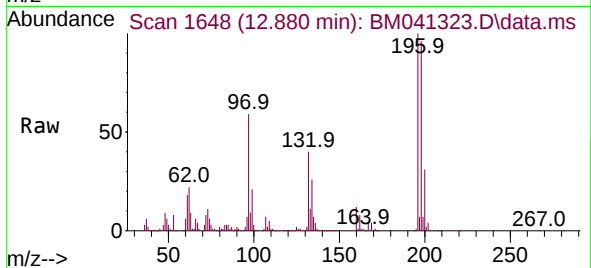
Tgt Ion:196 Resp: 362926

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.4

200 31.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 37.398 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Tgt Ion:196 Resp: 388359

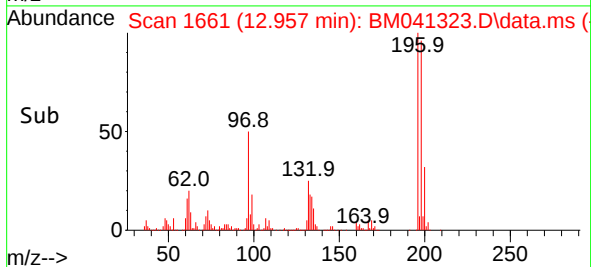
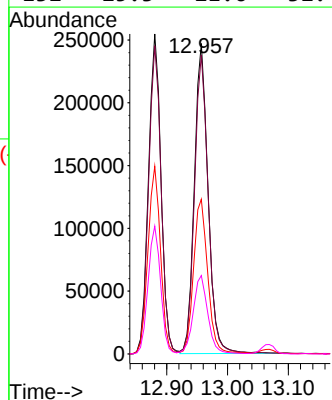
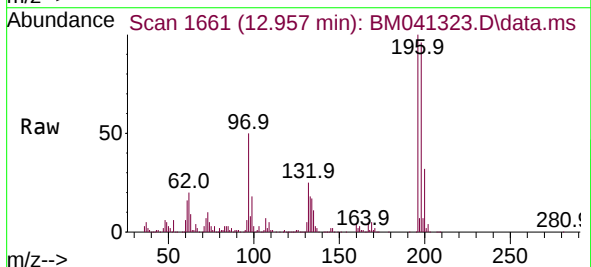
Ion Ratio Lower Upper

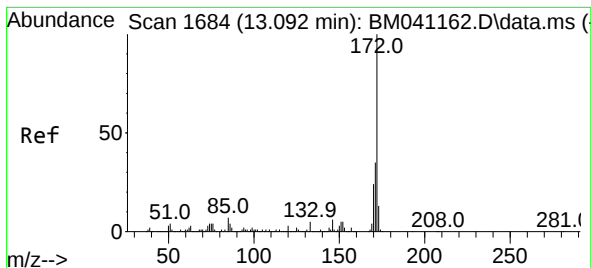
196 100

198 96.3 78.2 117.4

97 49.8 42.7 64.1

132 25.3 21.6 32.4

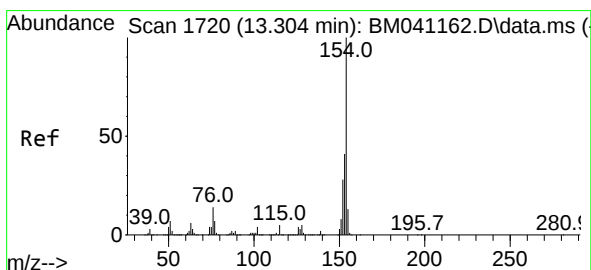
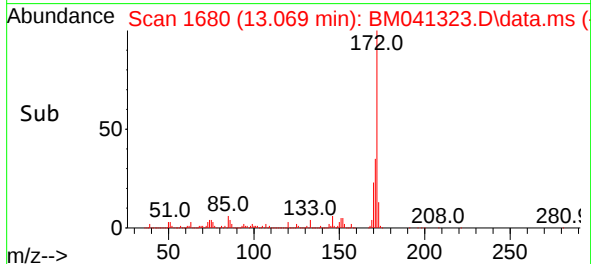
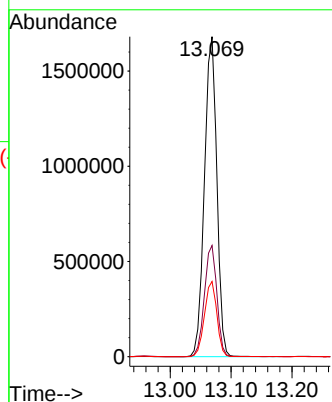
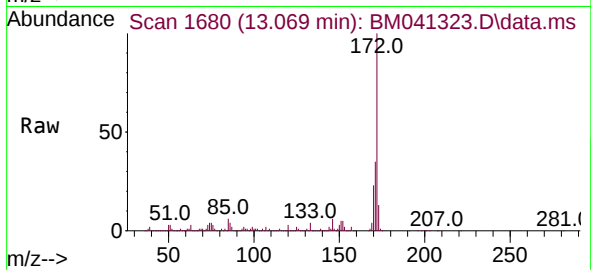




#45
2-Fluorobiphenyl
Concen: 69.504 ng
RT: 13.069 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

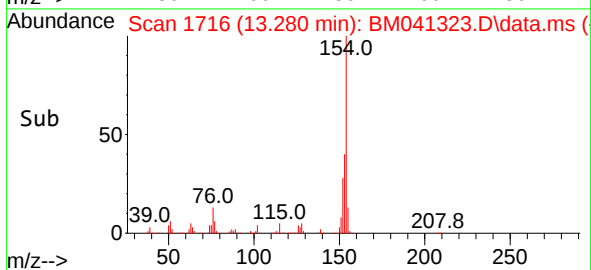
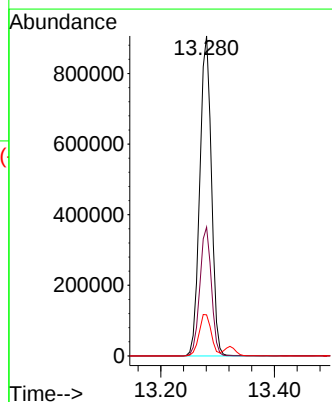
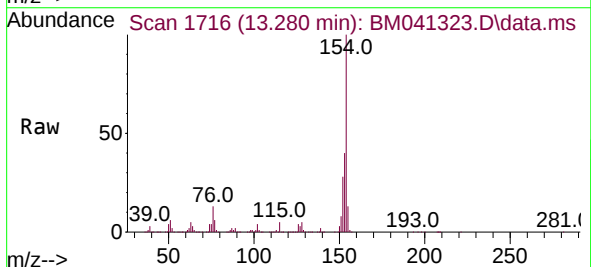
Instrument :
BNA_M
ClientSampleId :
PB154564BS

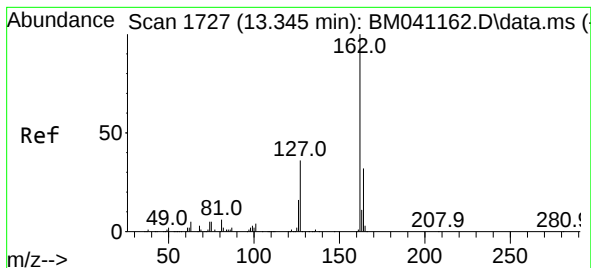
Tgt Ion:172 Resp: 2371916
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 36.685 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:154 Resp: 1282087
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 12.8 0.0 34.1

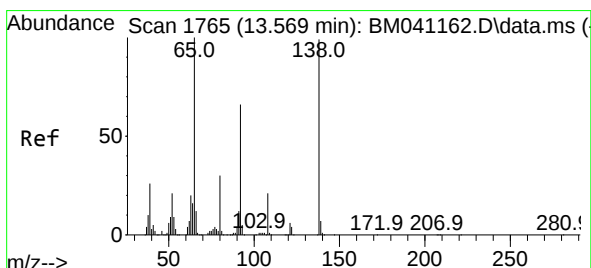
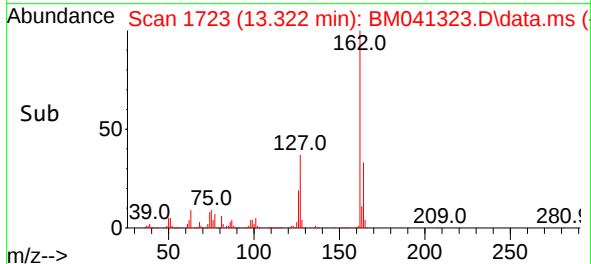
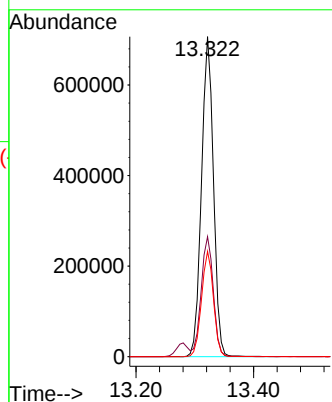
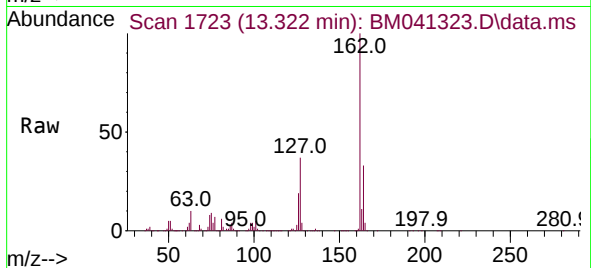




#47
2-Chloronaphthalene
Concen: 38.244 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

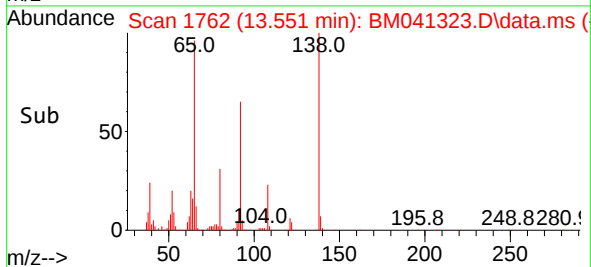
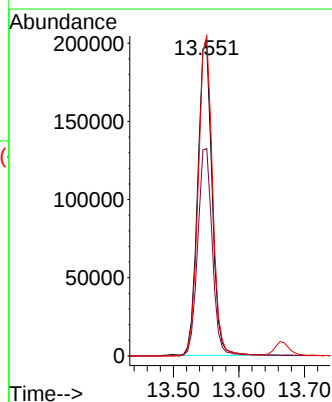
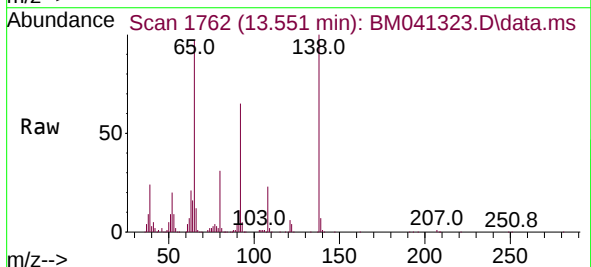
Instrument :
BNA_M
ClientSampleId :
PB154564BS

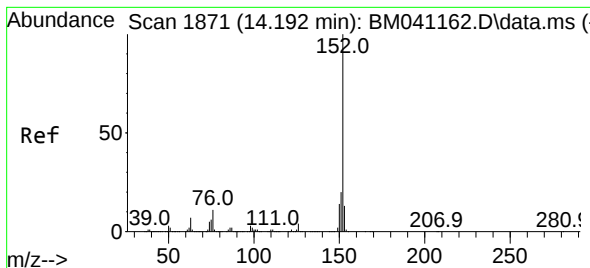
Tgt Ion:162 Resp: 997994
Ion Ratio Lower Upper
162 100
127 37.5 30.6 45.8
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 36.368 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion: 65 Resp: 302930
Ion Ratio Lower Upper
65 100
92 67.0 53.0 79.4
138 103.5 79.1 118.7





#49

Acenaphthylene

Concen: 37.250 ng

RT: 14.174 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

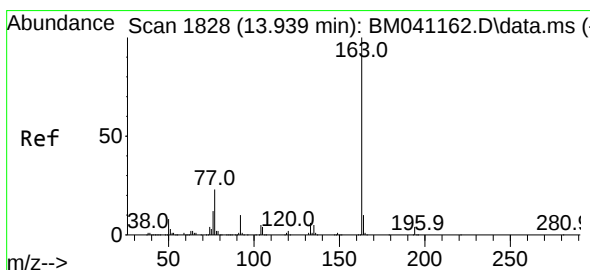
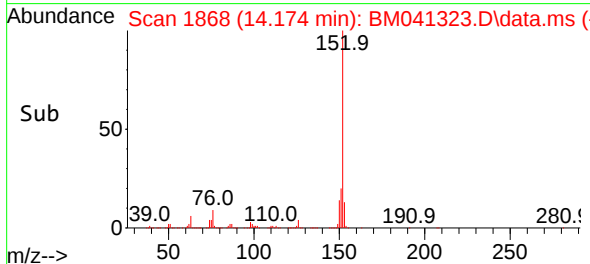
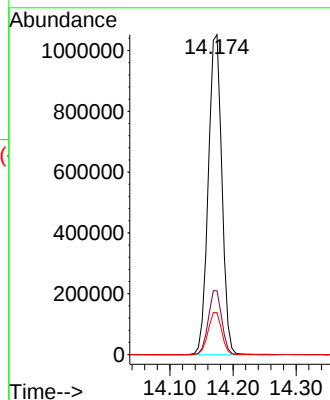
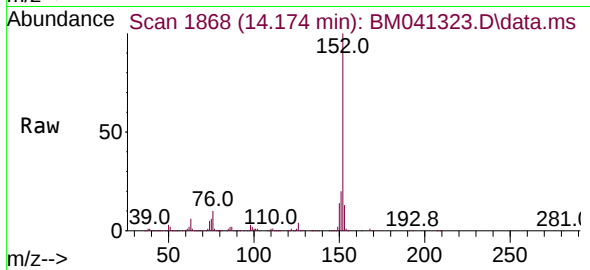
Tgt Ion:152 Resp: 1568959

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 36.161 ng

RT: 13.922 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

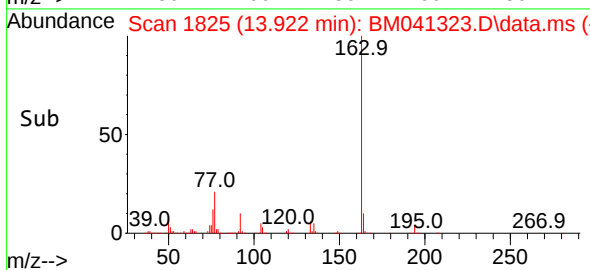
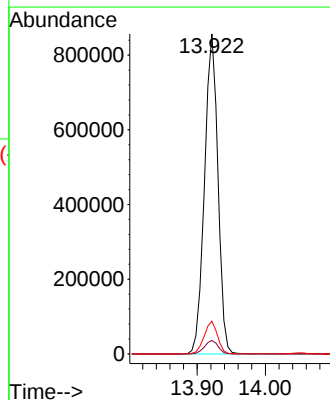
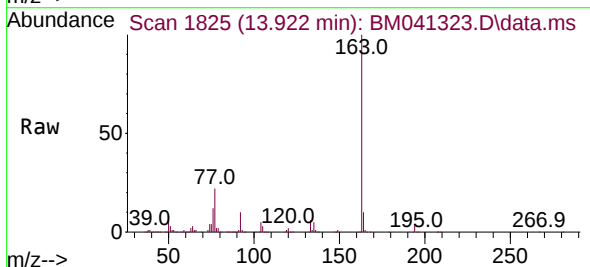
Tgt Ion:163 Resp: 1172648

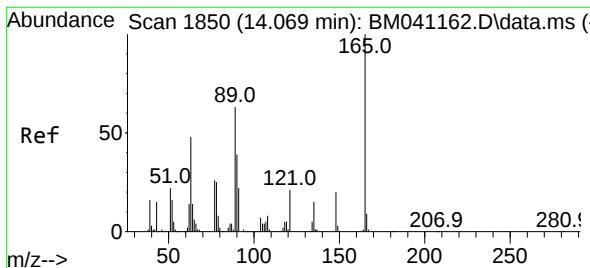
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.3 12.5

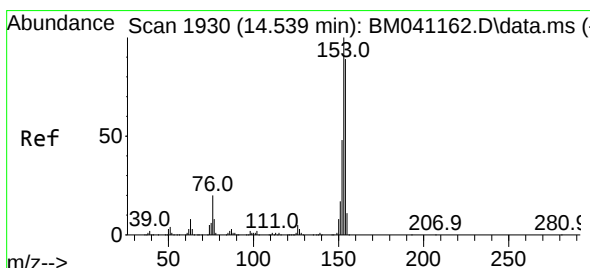
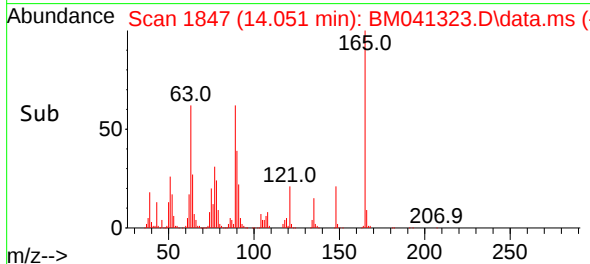
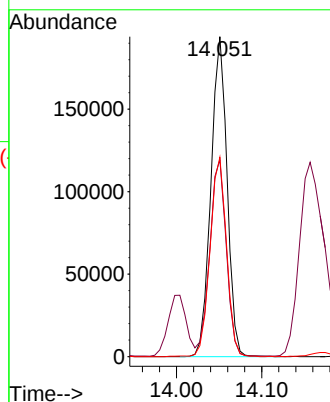
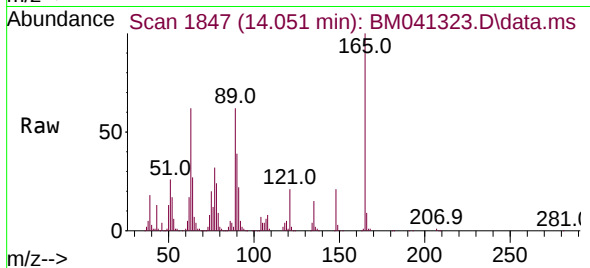




#51
2,6-Dinitrotoluene
Concen: 37.966 ng
RT: 14.051 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

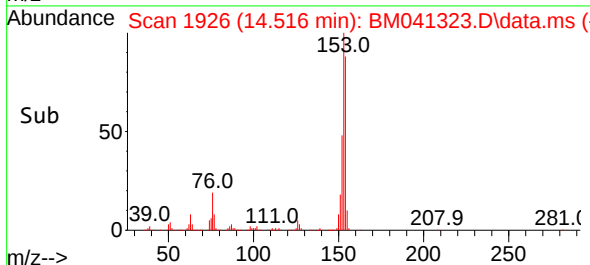
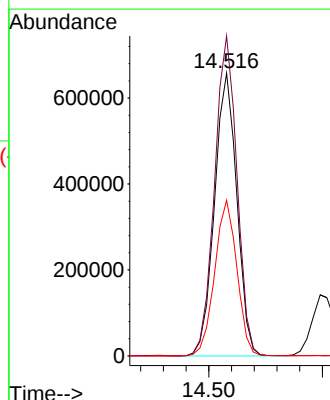
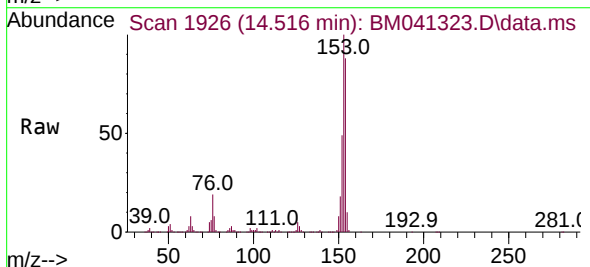
Instrument :
BNA_M
ClientSampleId :
PB154564BS

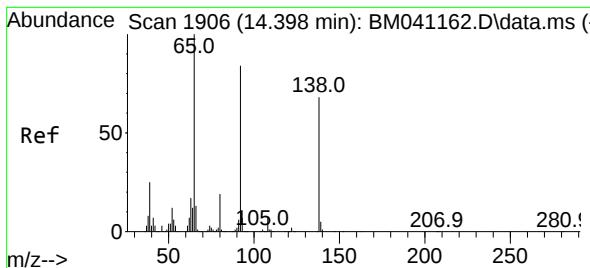
Tgt Ion:165 Resp: 255100
Ion Ratio Lower Upper
165 100
63 61.5 50.9 76.3
89 62.3 50.6 76.0



#52
Acenaphthene
Concen: 35.408 ng
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:154 Resp: 898456
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.4
152 55.0 43.4 65.0

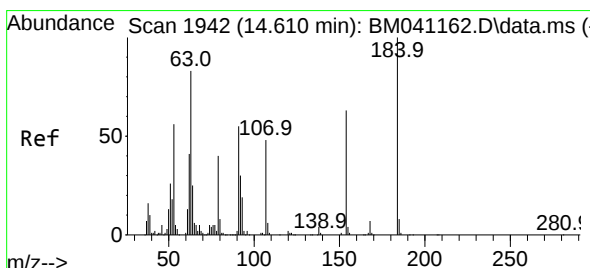
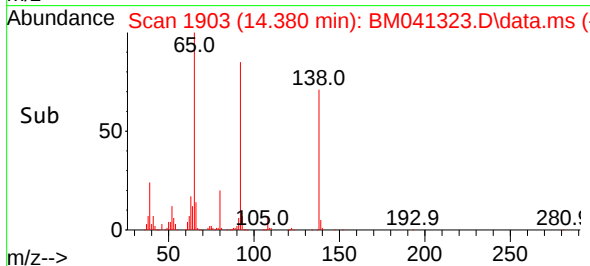
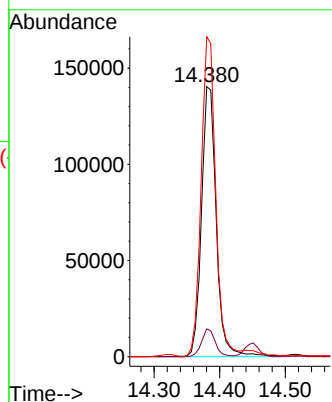
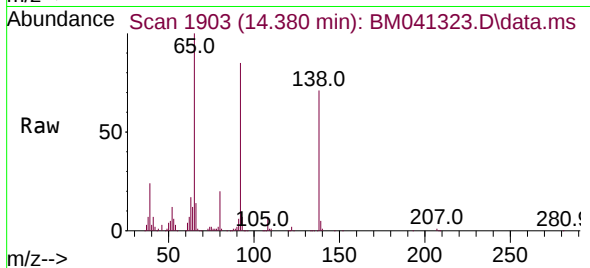




#53
3-Nitroaniline
Concen: 29.075 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

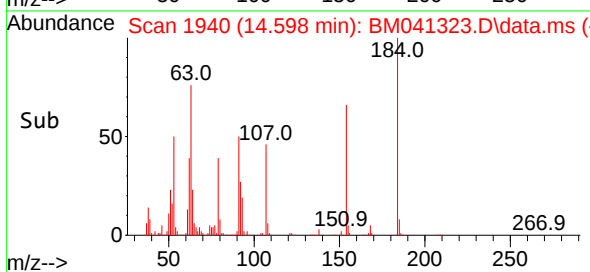
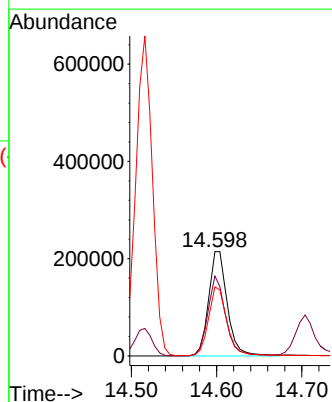
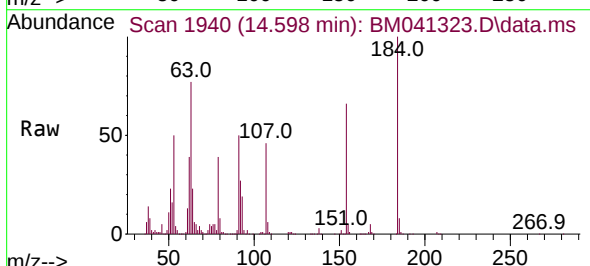
Instrument :
BNA_M
ClientSampleId :
PB154564BS

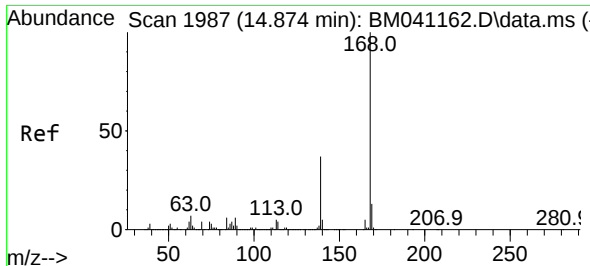
Tgt Ion:138 Resp: 217715
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 118.5 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 72.595 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:184 Resp: 326752
Ion Ratio Lower Upper
184 100
63 76.5 66.5 99.7
154 66.1 52.8 79.2

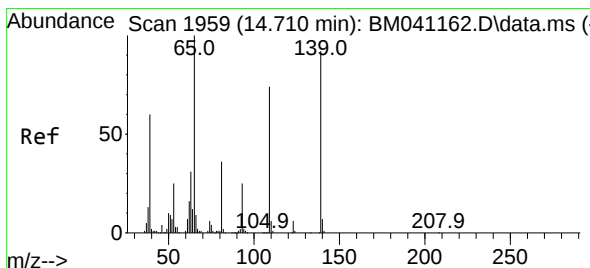
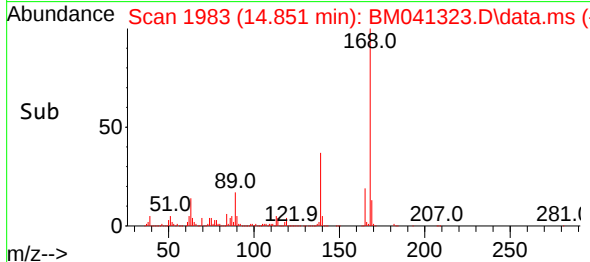
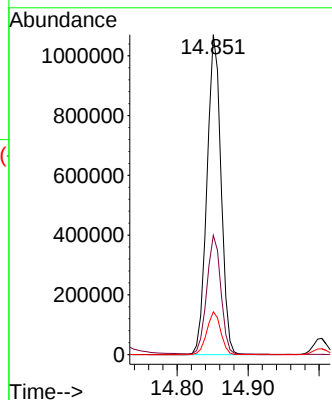
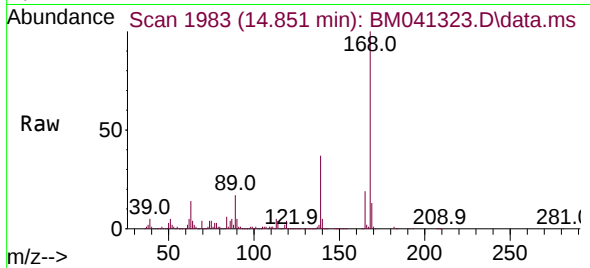




#55
Dibenzofuran
Concen: 35.286 ng
RT: 14.851 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

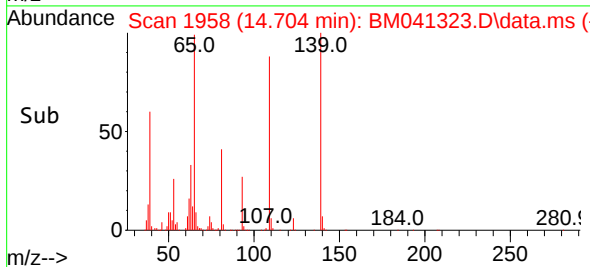
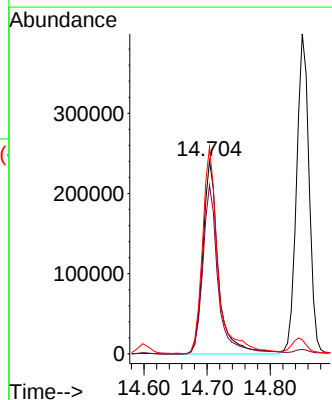
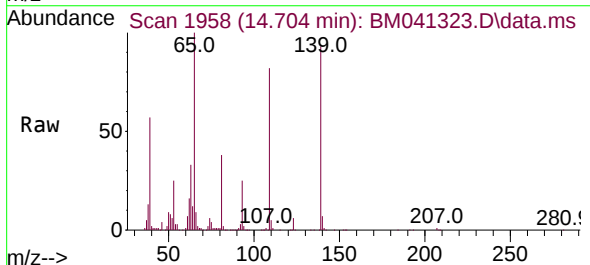
Instrument :
BNA_M
ClientSampleId :
PB154564BS

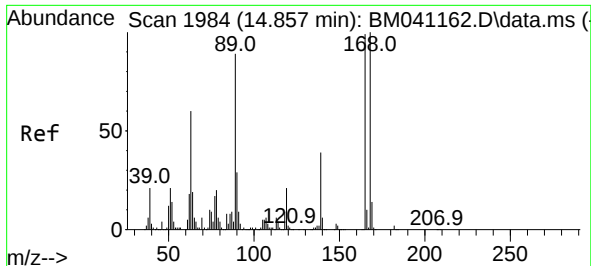
Tgt Ion:168 Resp: 1460822
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 73.117 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:139 Resp: 409446
Ion Ratio Lower Upper
139 100
109 87.3 61.2 101.2
65 107.0 89.5 129.5

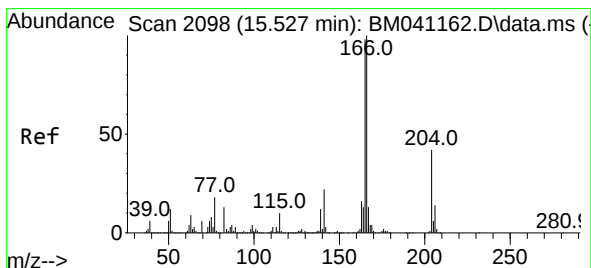
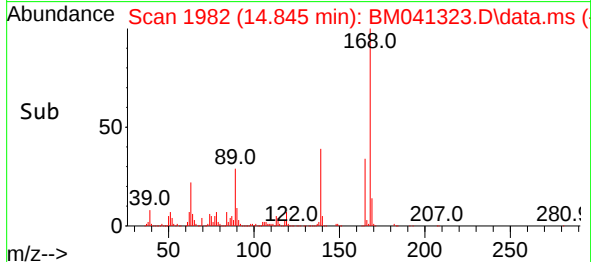
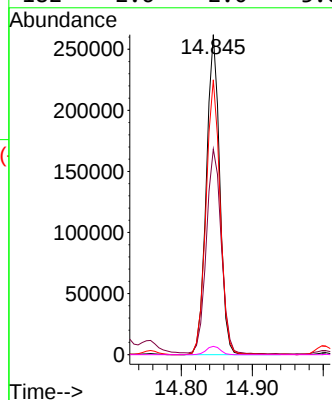
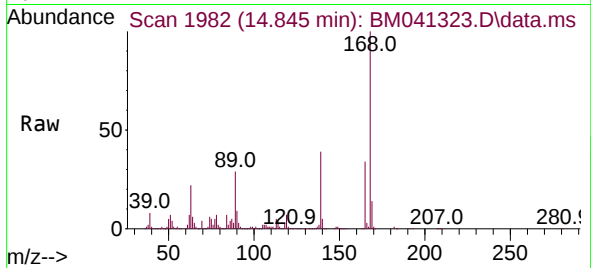




#57
2,4-Dinitrotoluene
Concen: 36.249 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

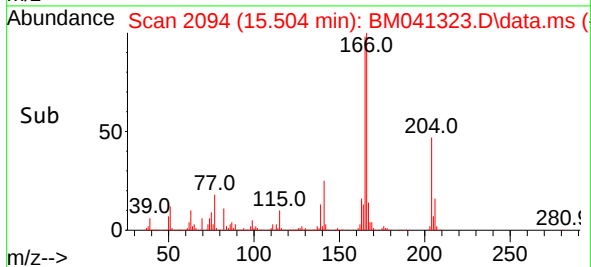
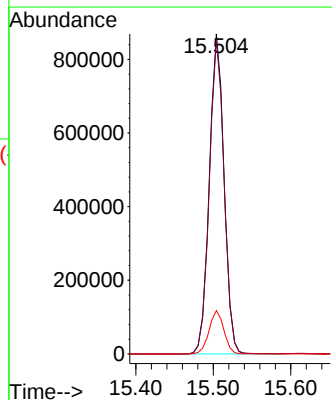
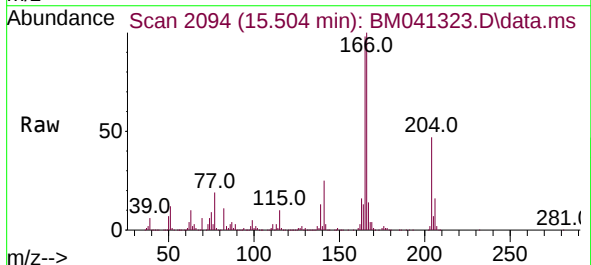
Instrument :
BNA_M
ClientSampleId :
PB154564BS

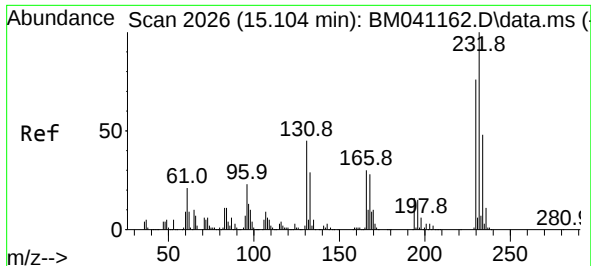
Tgt Ion:165 Resp: 341175
Ion Ratio Lower Upper
165 100
63 64.2 48.3 72.5
89 85.9 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 35.110 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:166 Resp: 1146667
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.5 10.6 16.0

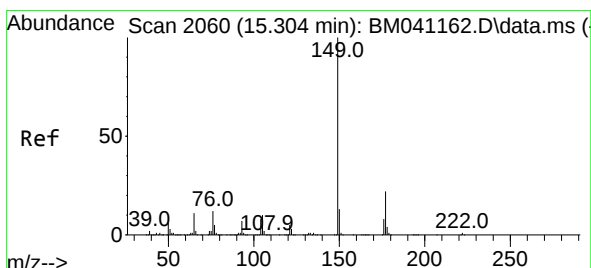
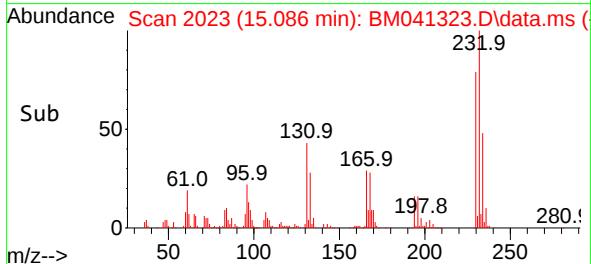
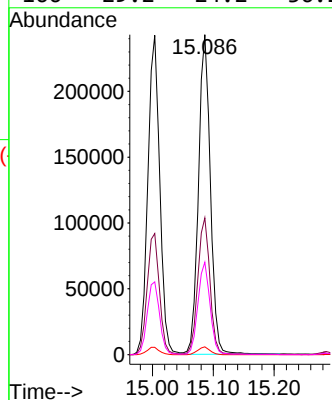
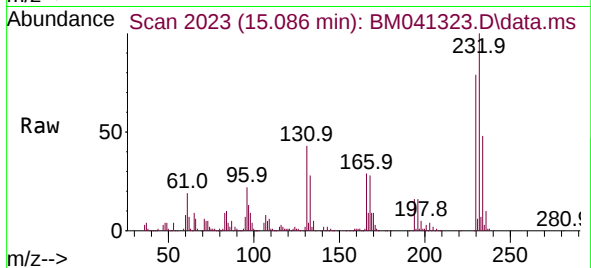




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.223 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

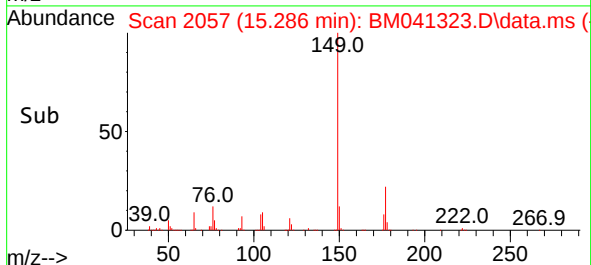
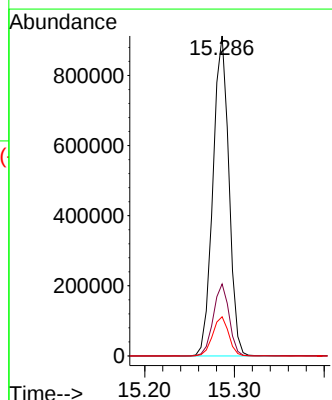
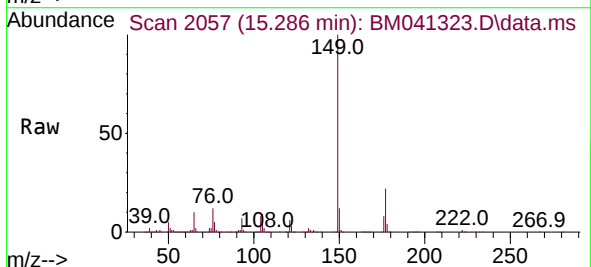
Instrument :
BNA_M
ClientSampleId :
PB154564BS

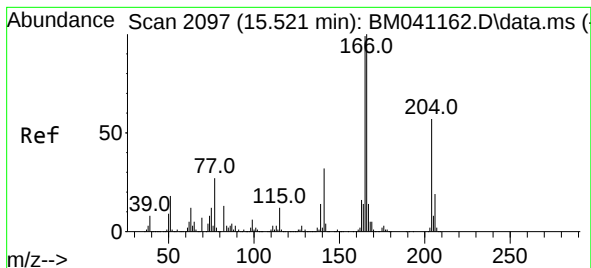
Tgt Ion:232 Resp: 329827
Ion Ratio Lower Upper
232 100
131 43.4 36.9 55.3
130 2.4 2.0 3.0
166 29.2 24.2 36.2



#60
Diethylphthalate
Concen: 36.145 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:149 Resp: 1133486
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.2 10.1 15.1

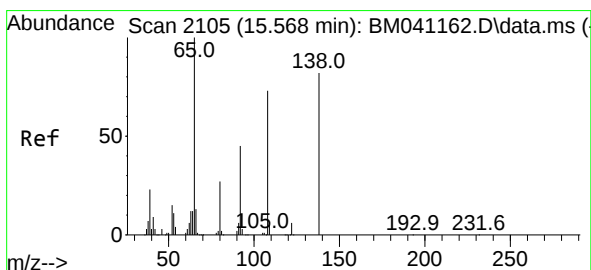
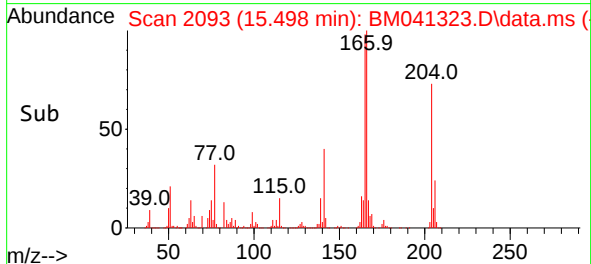
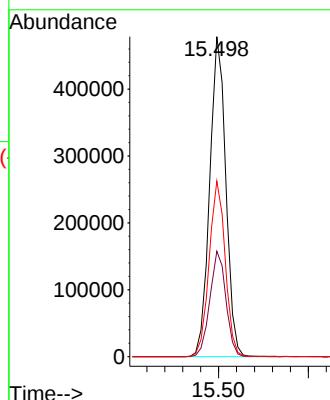
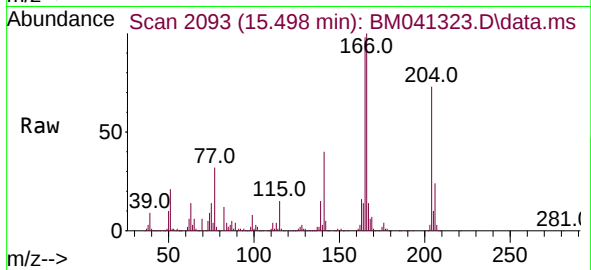




#61
4-Chlorophenyl-phenylether
Concen: 36.552 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

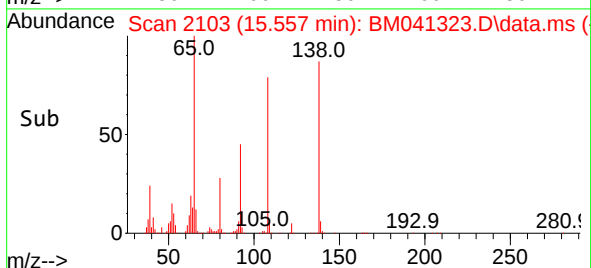
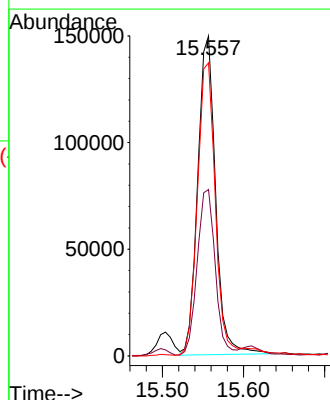
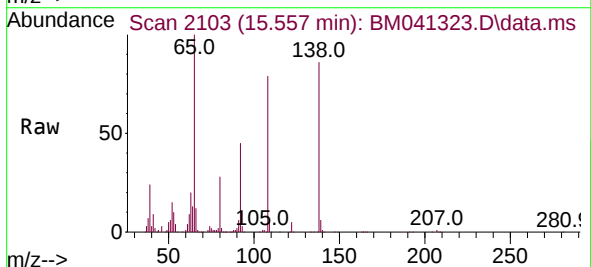
Instrument :
BNA_M
ClientSampleId :
PB154564BS

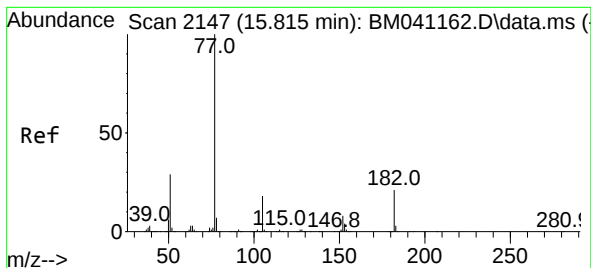
Tgt Ion:204 Resp: 598199
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.9 44.8 67.2



#62
4-Nitroaniline
Concen: 33.220 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:138 Resp: 228048
Ion Ratio Lower Upper
138 100
92 52.0 35.1 75.1
108 91.6 67.8 107.8





#63

Azobenzene

Concen: 34.506 ng

RT: 15.792 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

Tgt Ion: 77 Resp: 1185336

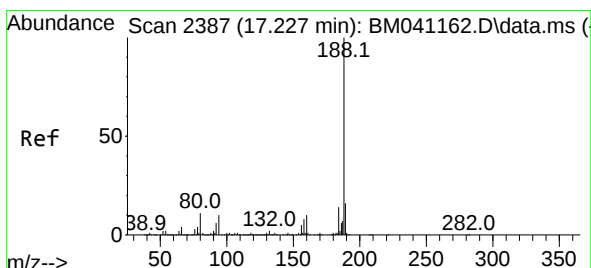
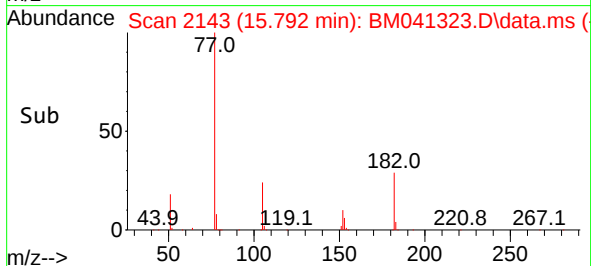
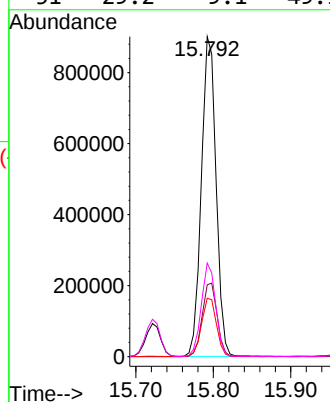
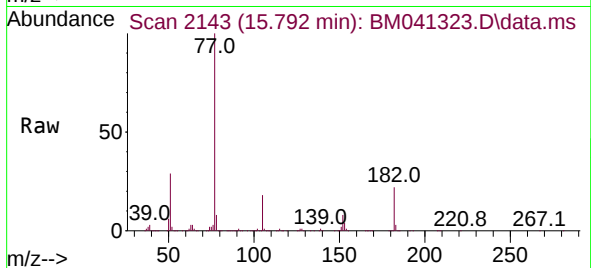
Ion Ratio Lower Upper

77 100

182 22.4 1.3 41.3

105 18.2 0.0 38.5

51 29.2 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

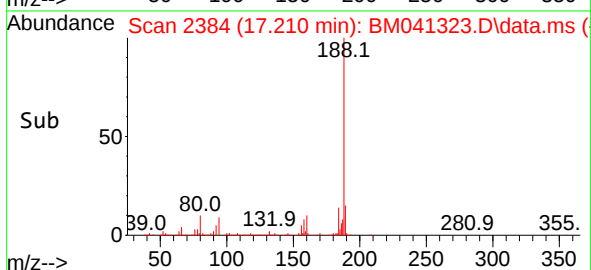
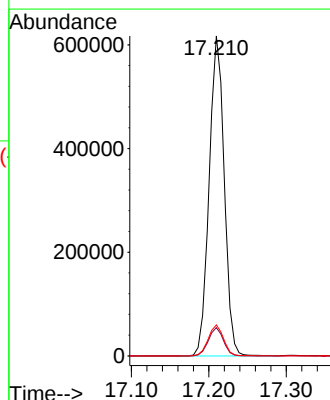
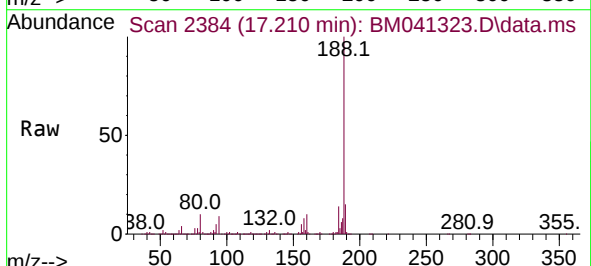
Tgt Ion:188 Resp: 834341

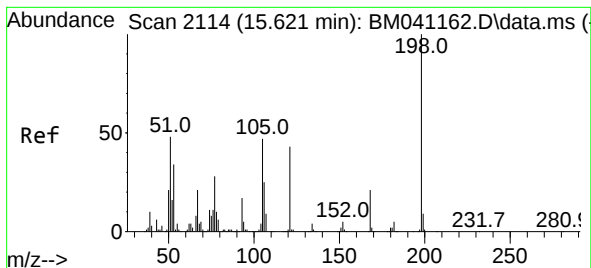
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.7 8.6 13.0

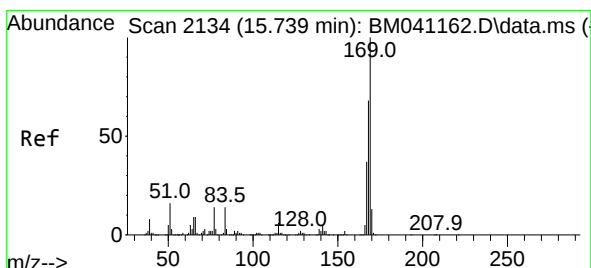
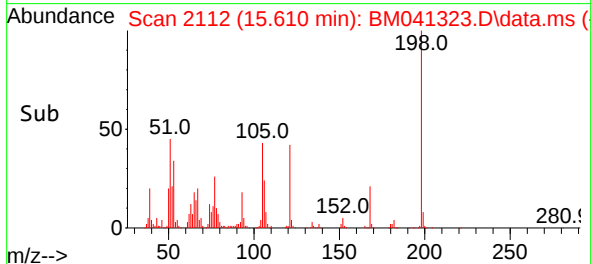
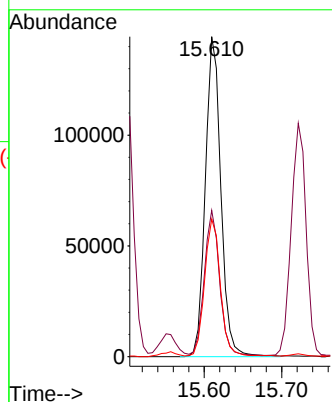
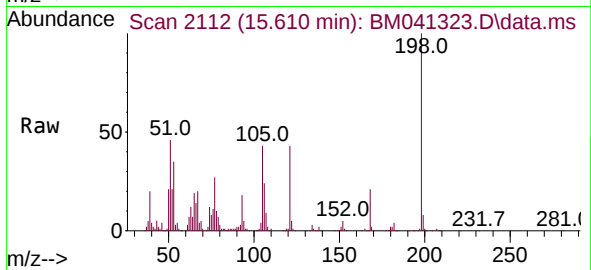




#65
4,6-Dinitro-2-methylphenol
Concen: 39.795 ng
RT: 15.610 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

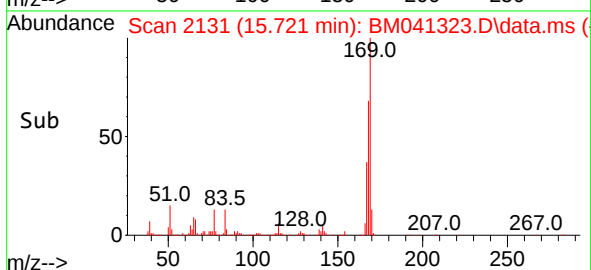
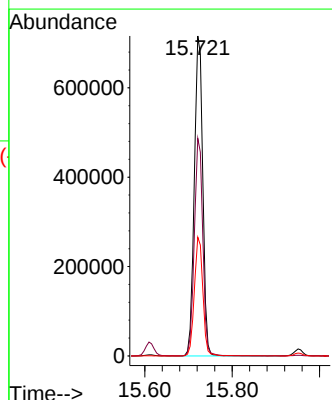
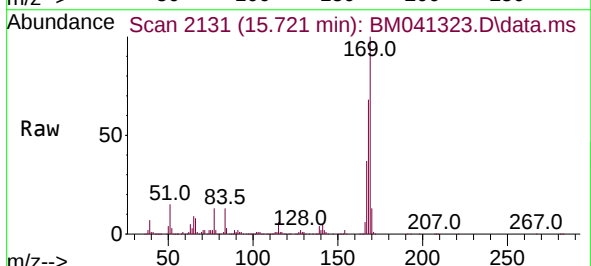
Instrument :
BNA_M
ClientSampleId :
PB154564BS

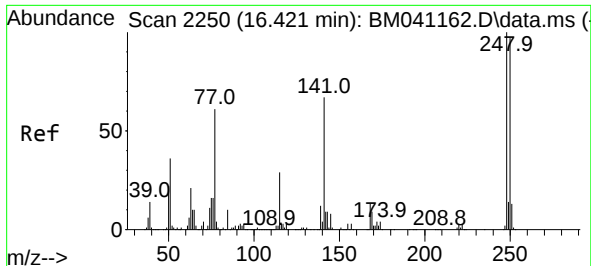
Tgt Ion:198 Resp: 201141
Ion Ratio Lower Upper
198 100
51 45.7 31.7 71.7
105 43.0 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 37.078 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:169 Resp: 962133
Ion Ratio Lower Upper
169 100
168 68.0 54.6 81.8
167 37.1 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 38.839 ng

RT: 16.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

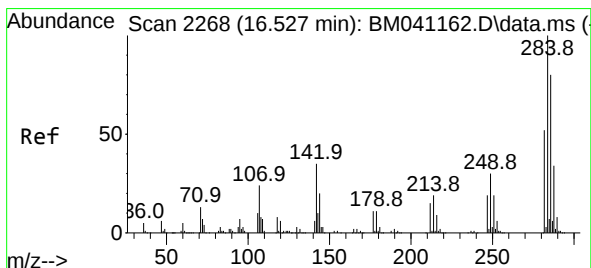
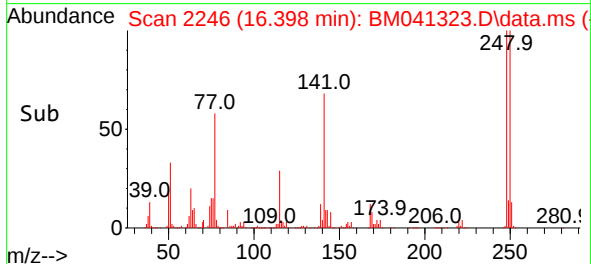
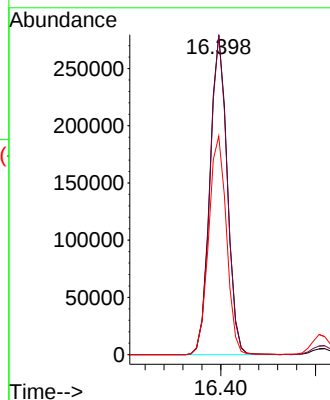
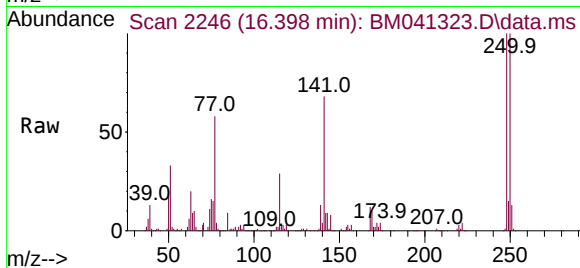
Tgt Ion:248 Resp: 355297

Ion Ratio Lower Upper

248 100

250 100.2 78.0 117.0

141 68.4 53.8 80.8



#68

Hexachlorobenzene

Concen: 40.870 ng

RT: 16.510 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

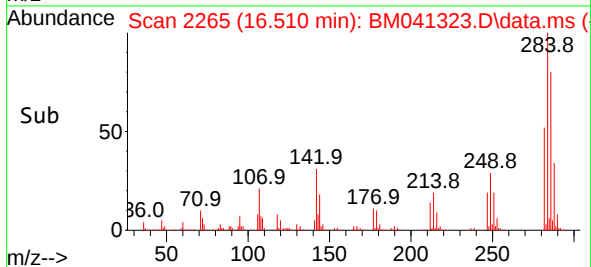
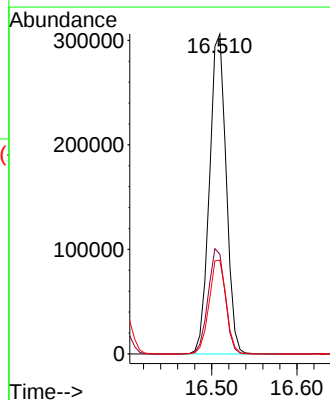
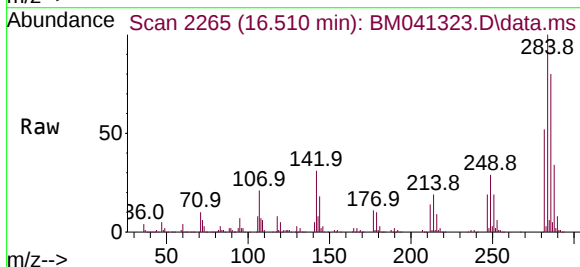
Tgt Ion:284 Resp: 415733

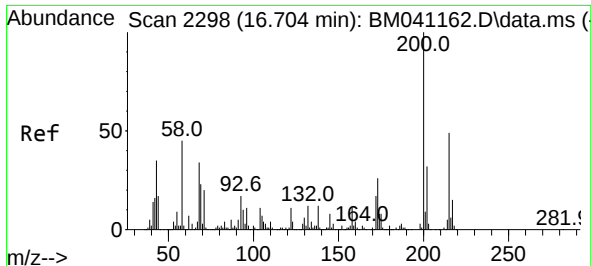
Ion Ratio Lower Upper

284 100

142 31.1 28.0 42.0

249 29.3 23.7 35.5

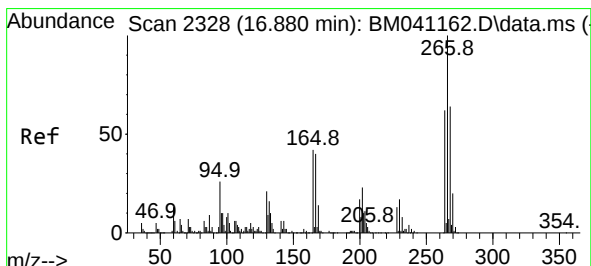
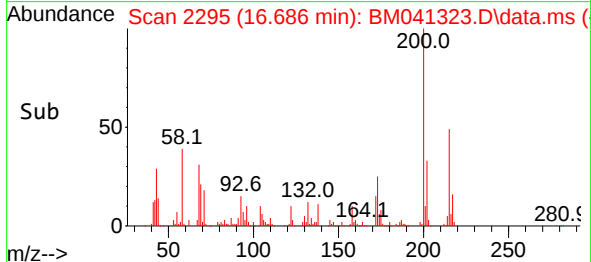
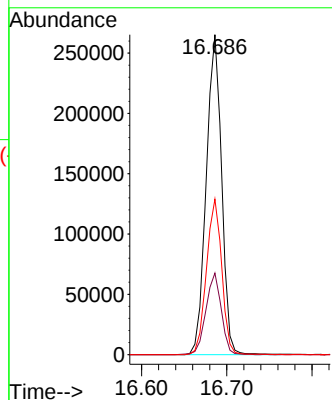
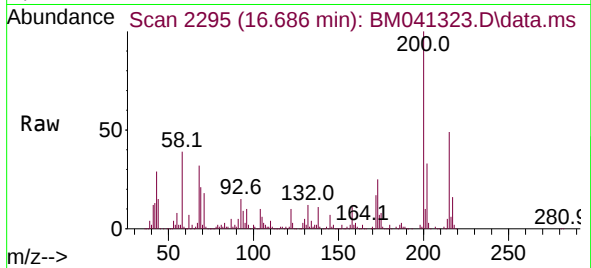




#69
 Atrazine
 Concen: 48.735 ng
 RT: 16.686 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

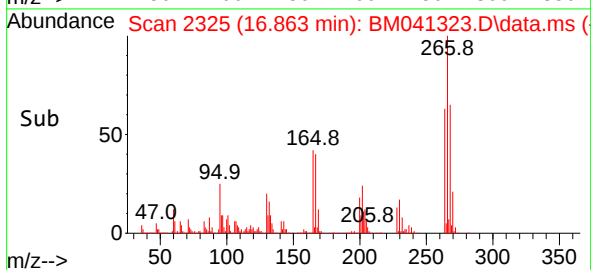
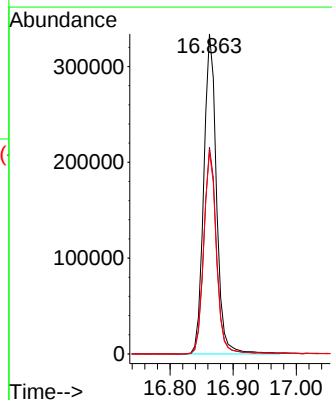
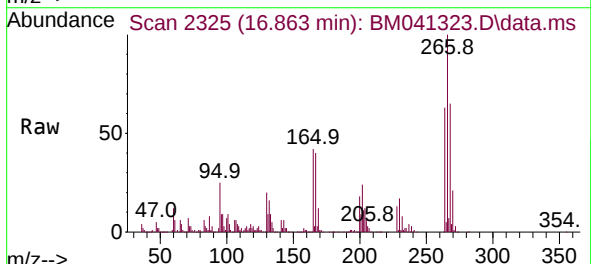
Instrument :
 BNA_M
 ClientSampleId :
 PB154564BS

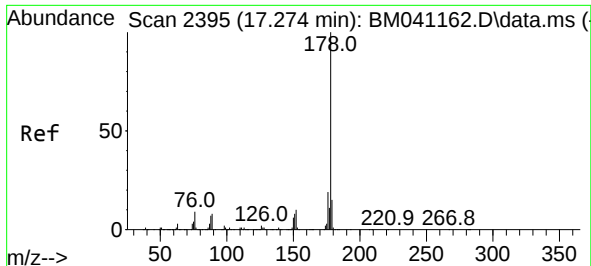
Tgt Ion:200 Resp: 332107
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 48.6 28.5 68.5



#70
 Pentachlorophenol
 Concen: 66.098 ng
 RT: 16.863 min Scan# 2325
 Delta R.T. -0.006 min
 Lab File: BM041323.D
 Acq: 08 Aug 2023 10:10

Tgt Ion:266 Resp: 465574
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 63.2 49.4 74.2

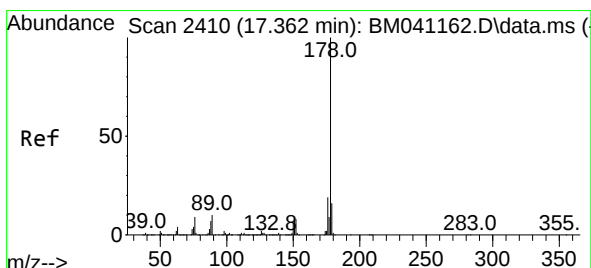
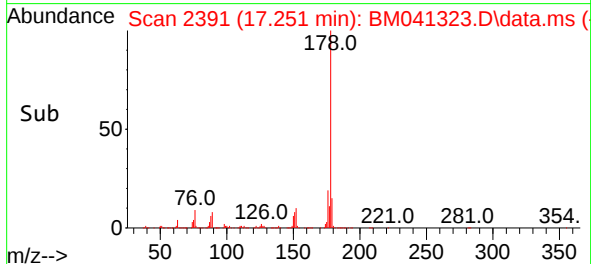
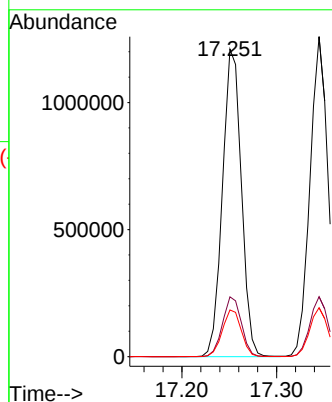
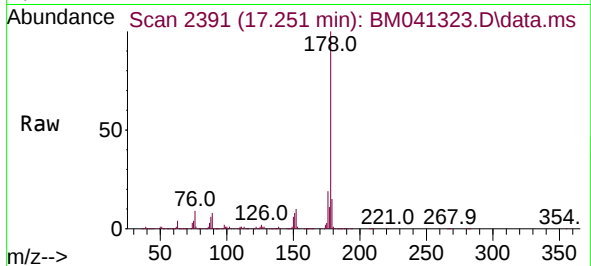




#71
Phenanthrene
Concen: 36.141 ng
RT: 17.251 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

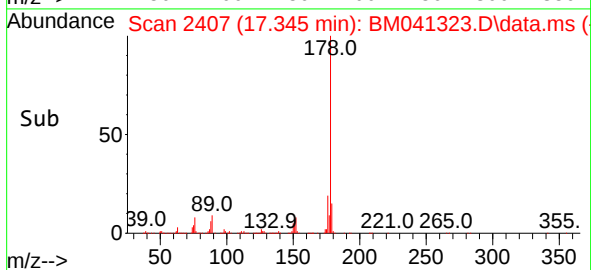
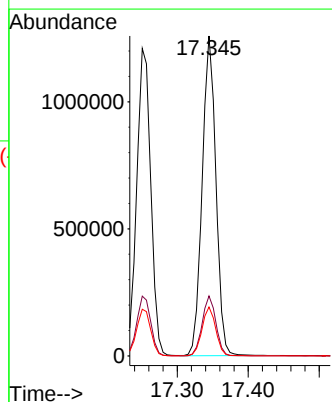
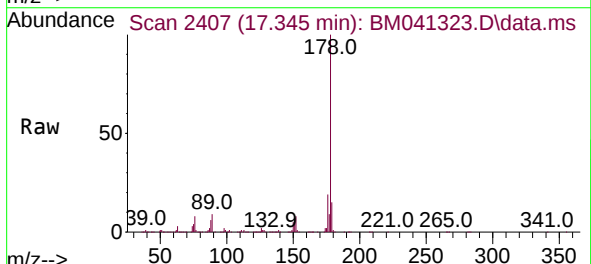
Instrument :
BNA_M
ClientSampleId :
PB154564BS

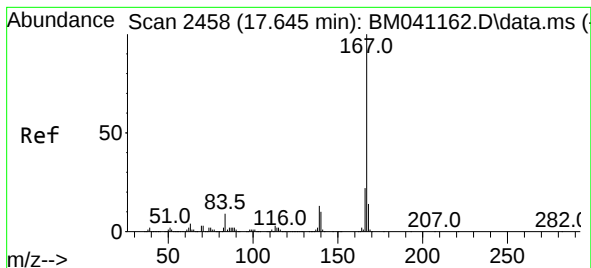
Tgt Ion:178 Resp: 1675362
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.1 18.1



#72
Anthracene
Concen: 36.642 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:178 Resp: 1679938
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.3 12.4 18.6





#73

Carbazole

Concen: 36.295 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

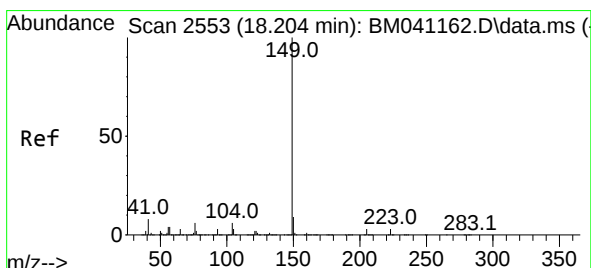
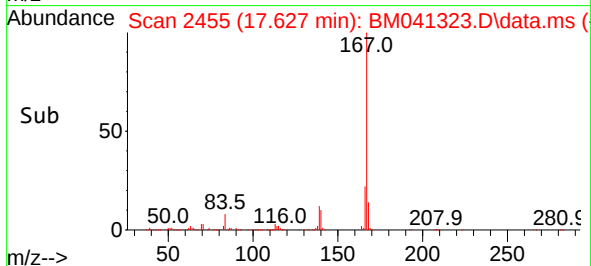
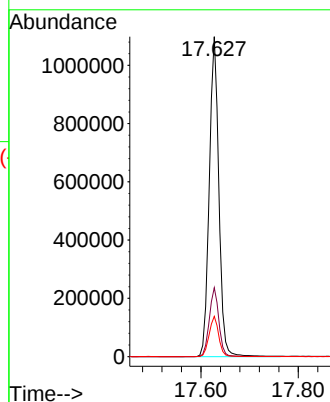
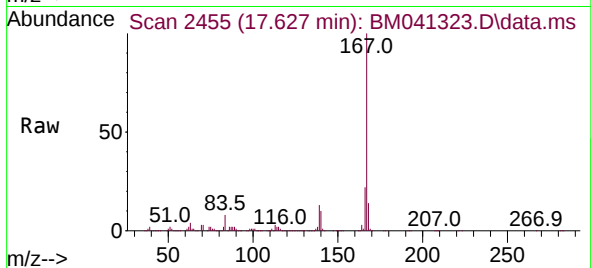
Tgt Ion:167 Resp: 1506113

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 39.218 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

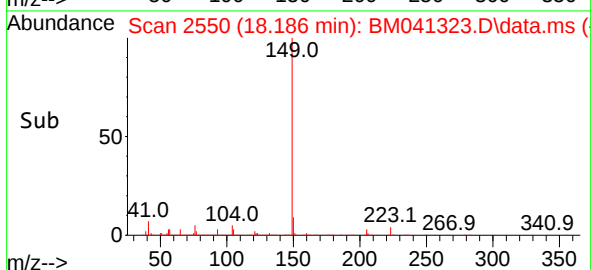
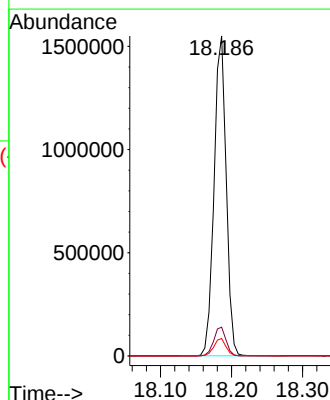
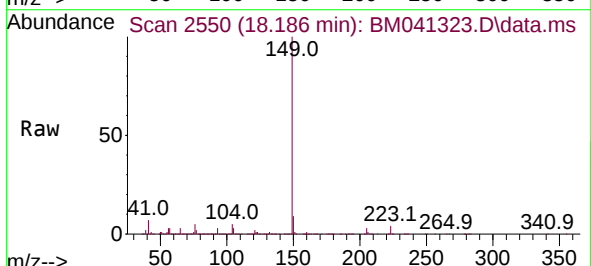
Tgt Ion:149 Resp: 1838971

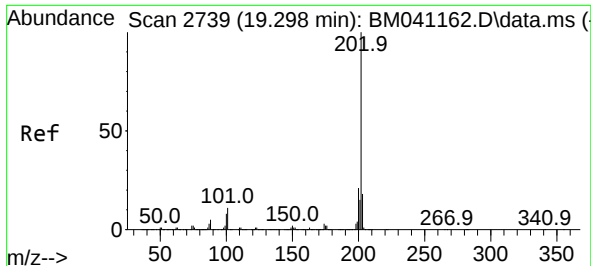
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.4 4.5 6.7

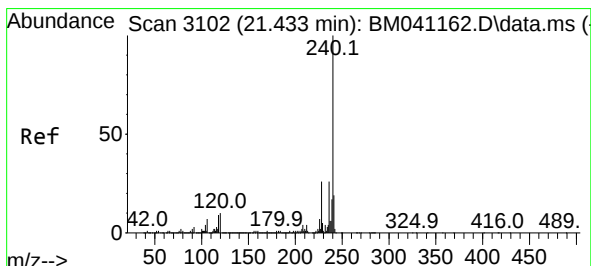
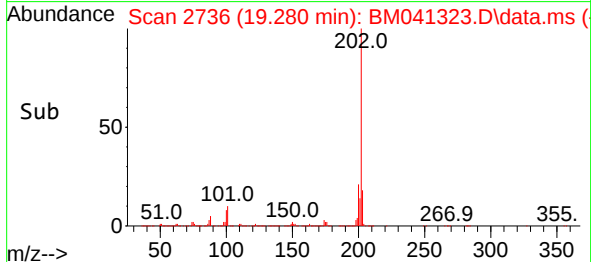
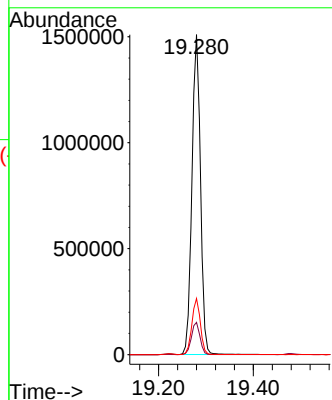
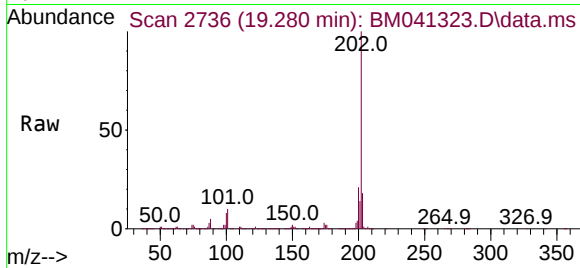




#75
Fluoranthene
Concen: 36.070 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

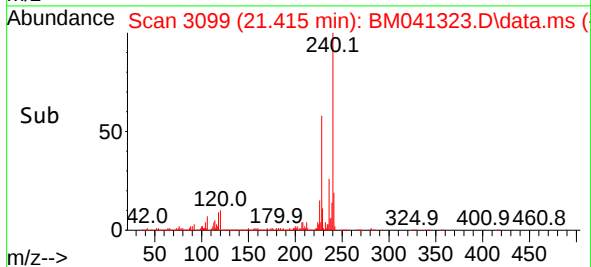
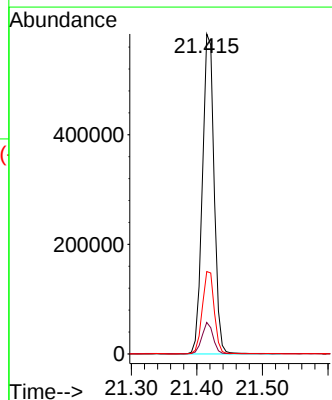
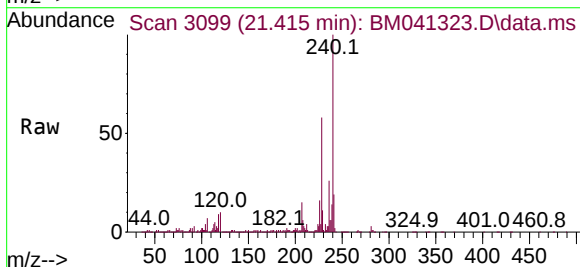
Instrument :
BNA_M
ClientSampleId :
PB154564BS

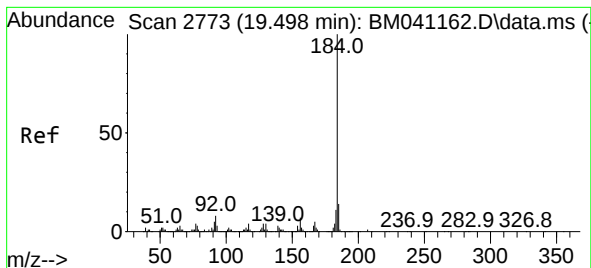
Tgt Ion:202 Resp: 1878534
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:240 Resp: 719026
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 25.7 20.6 30.8





#77

Benzidine

Concen: 92.026 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

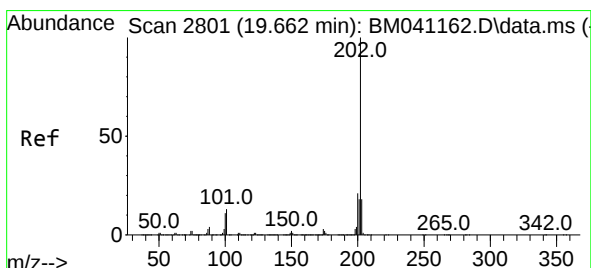
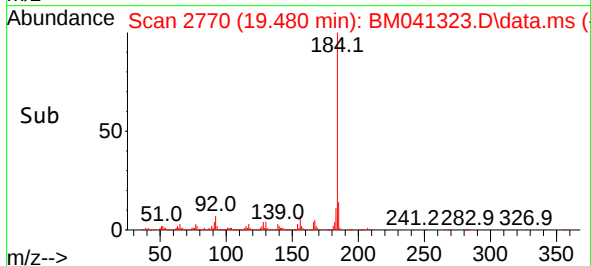
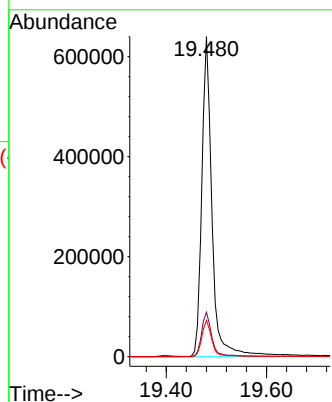
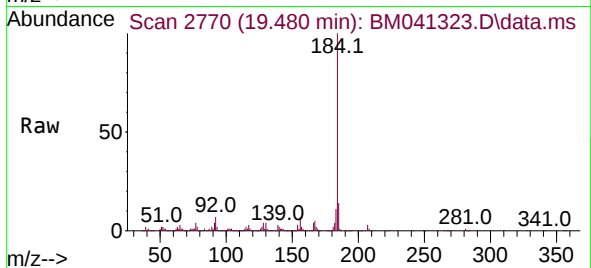
Tgt Ion:184 Resp: 901873

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 38.788 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

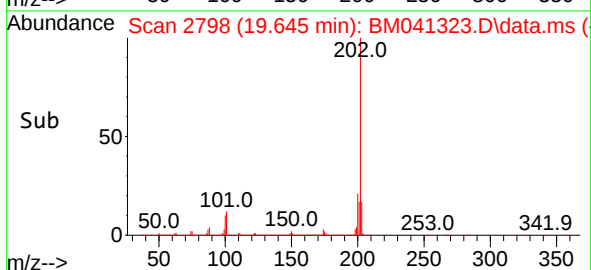
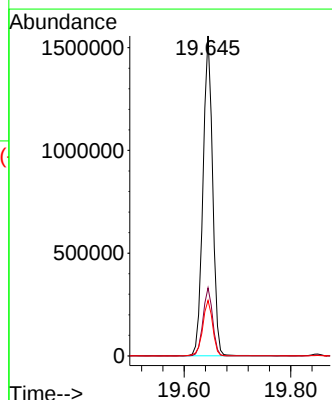
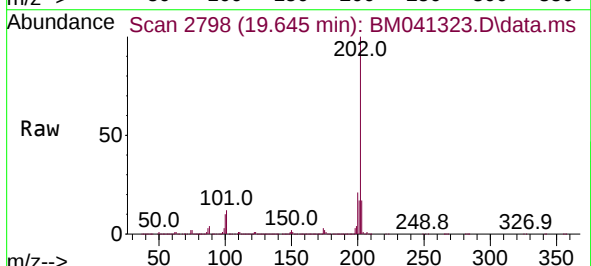
Tgt Ion:202 Resp: 1950376

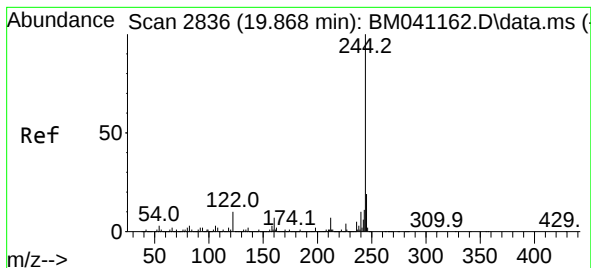
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 78.358 ng

RT: 19.851 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

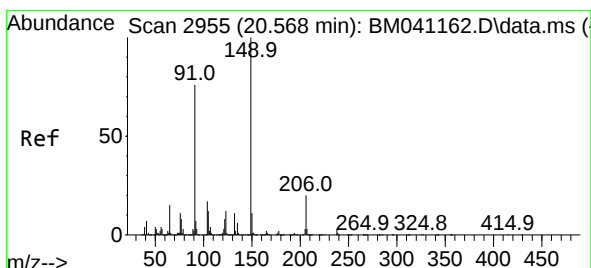
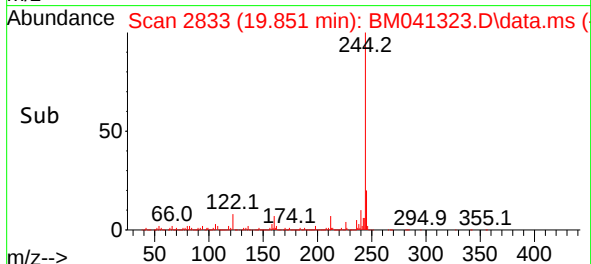
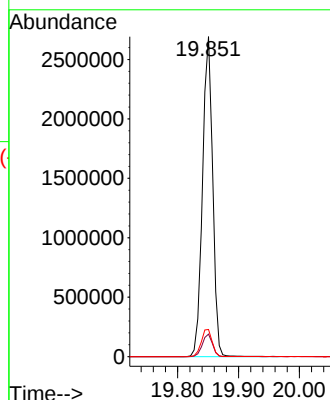
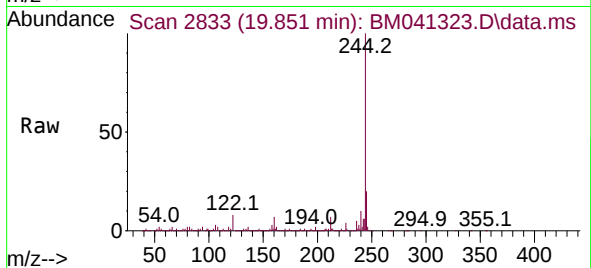
Tgt Ion:244 Resp: 3116130

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.5 7.8 11.6



#80

Butylbenzylphthalate

Concen: 42.183 ng

RT: 20.551 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

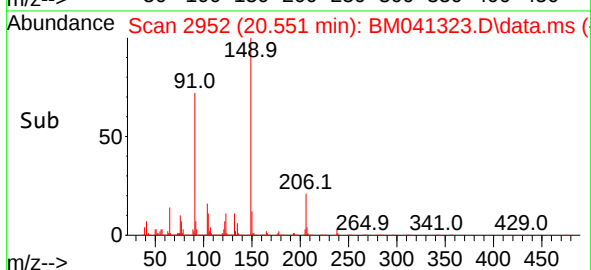
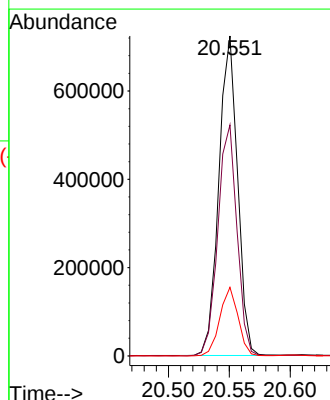
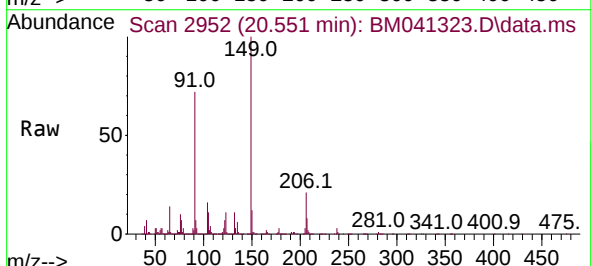
Tgt Ion:149 Resp: 774574

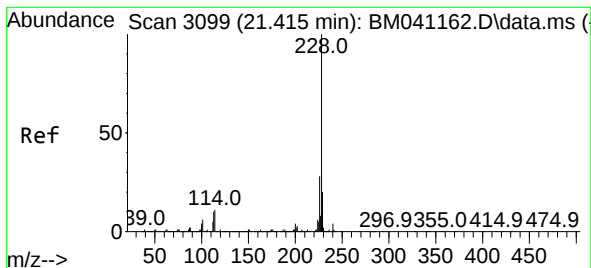
Ion Ratio Lower Upper

149 100

91 72.2 60.8 91.2

206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.311 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

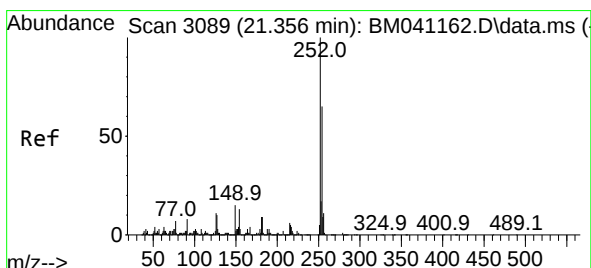
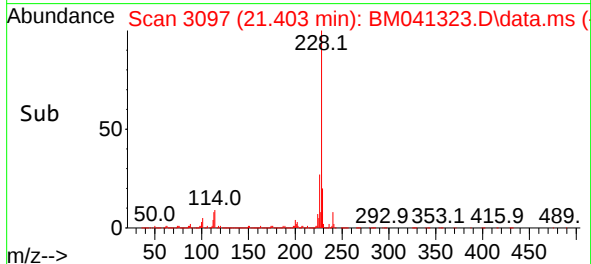
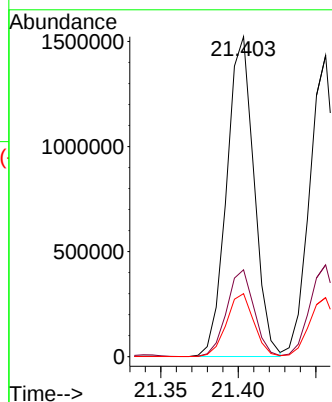
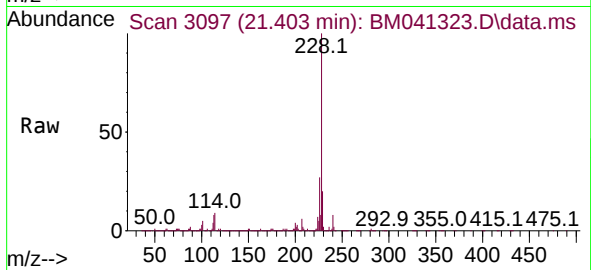
Tgt Ion:228 Resp: 1867432

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.596 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

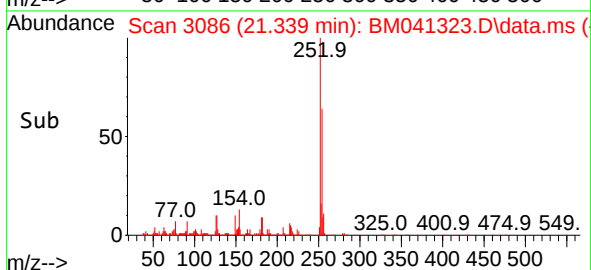
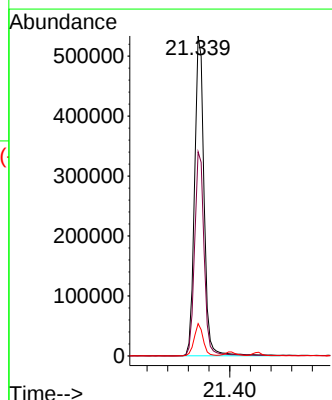
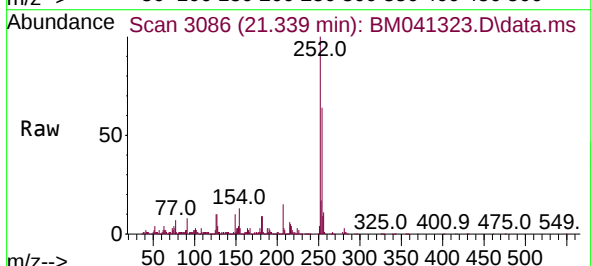
Tgt Ion:252 Resp: 677524

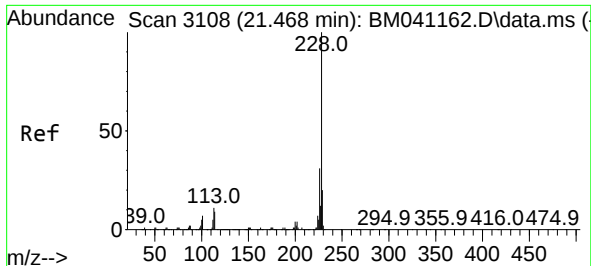
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 10.1 8.6 13.0

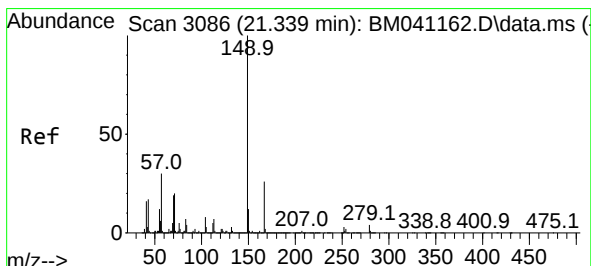
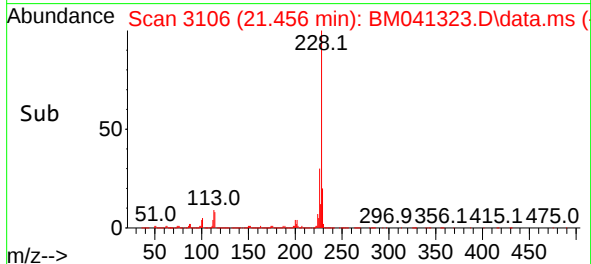
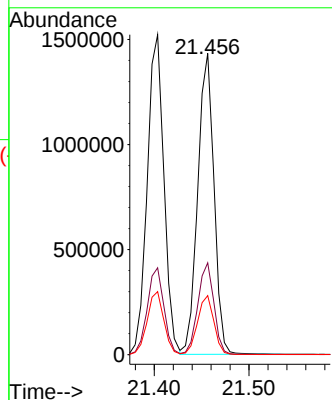
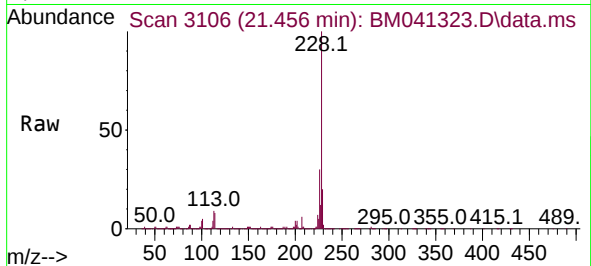




#83
Chrysene
Concen: 36.204 ng
RT: 21.456 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

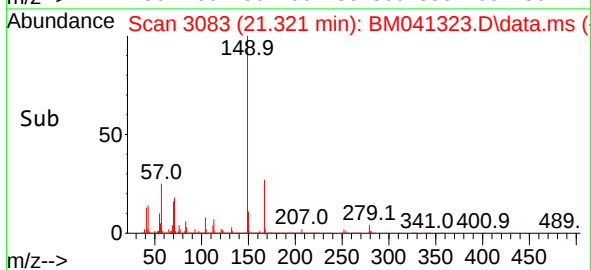
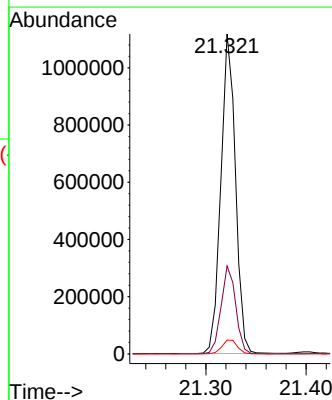
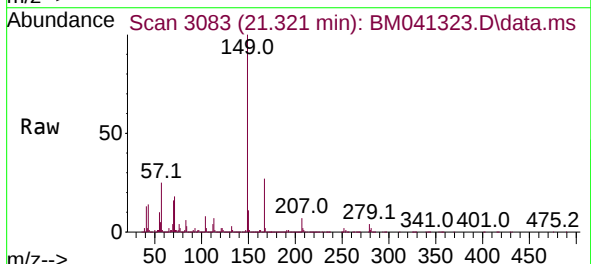
Instrument :
BNA_M
ClientSampleId :
PB154564BS

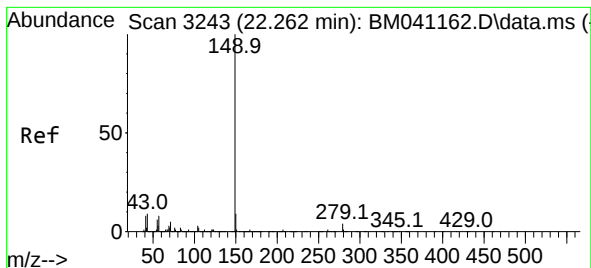
Tgt Ion:228 Resp: 1706911
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.326 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:149 Resp: 1132627
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.6
279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 41.545 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

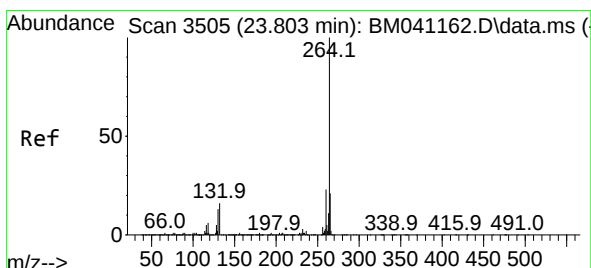
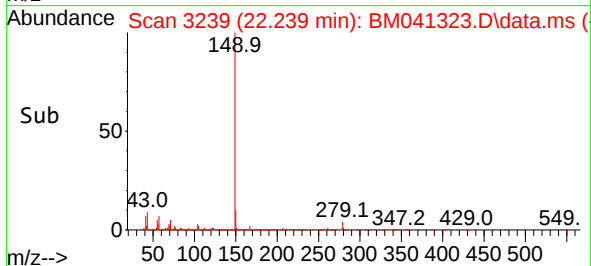
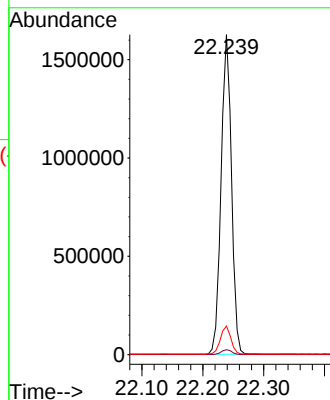
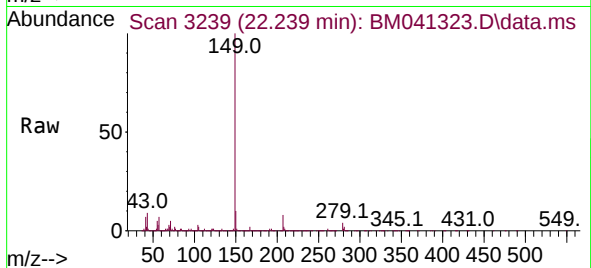
Tgt Ion:149 Resp: 1927986

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.786 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

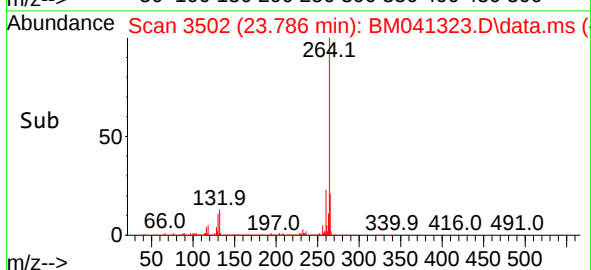
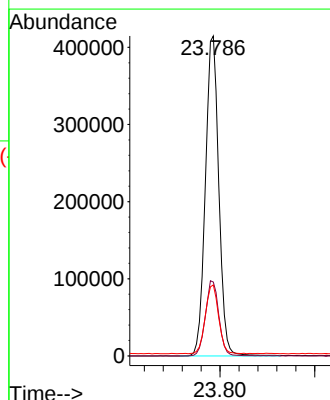
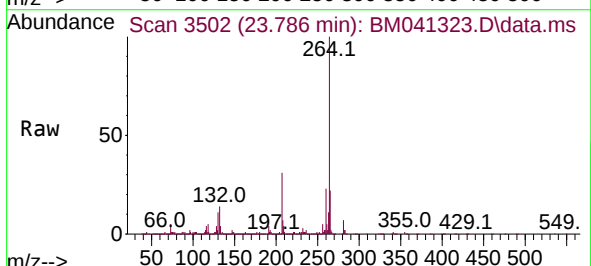
Tgt Ion:264 Resp: 813579

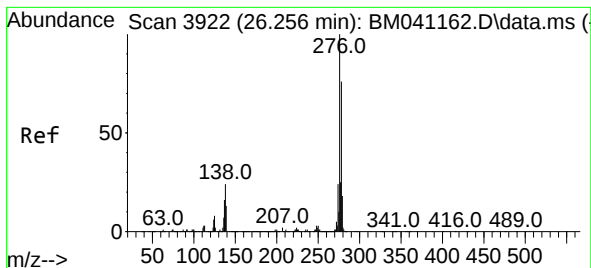
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.101 ng

RT: 26.233 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

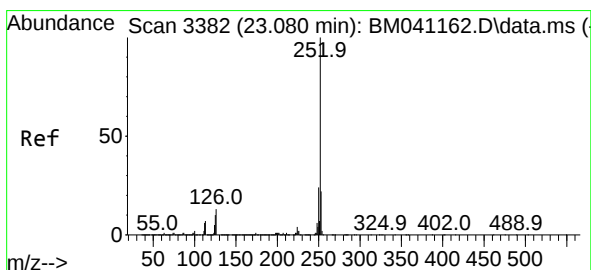
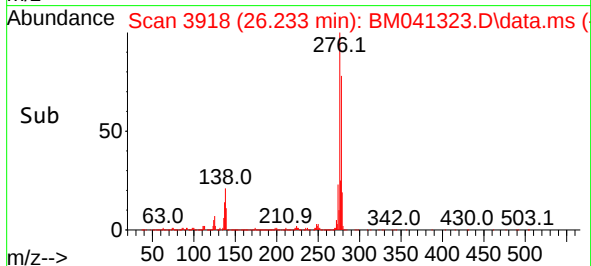
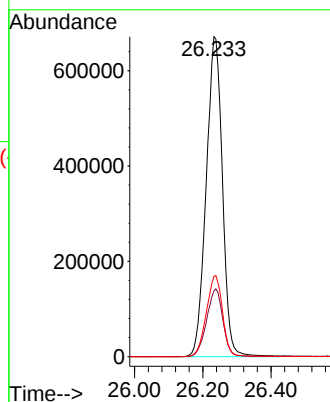
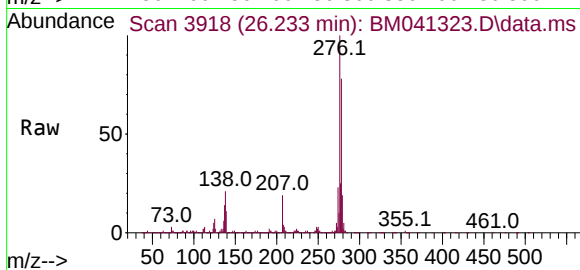
Tgt Ion:276 Resp: 2219239

Ion Ratio Lower Upper

276 100

138 21.3 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.217 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

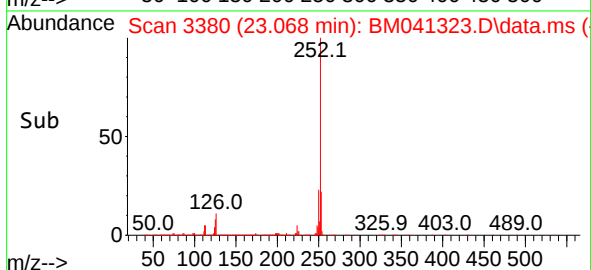
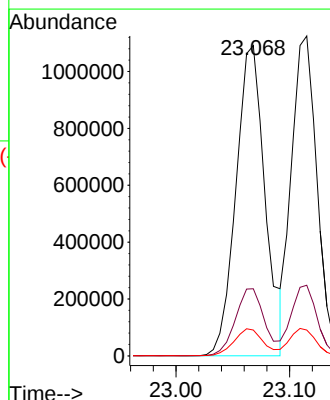
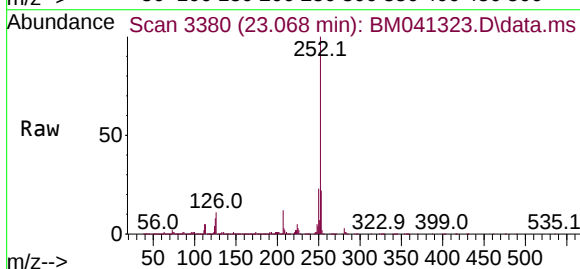
Tgt Ion:252 Resp: 1943739

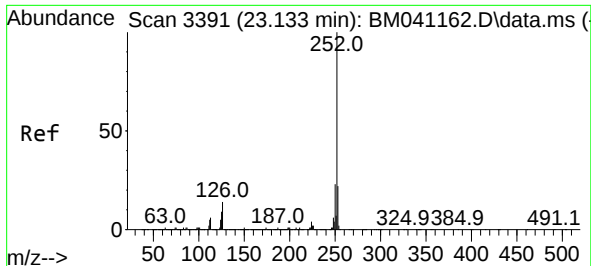
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.4 8.2 12.4

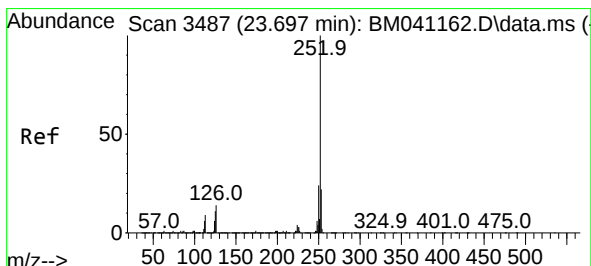
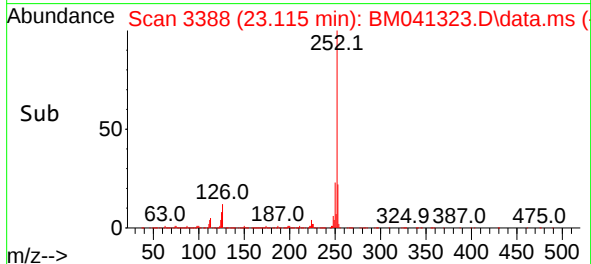
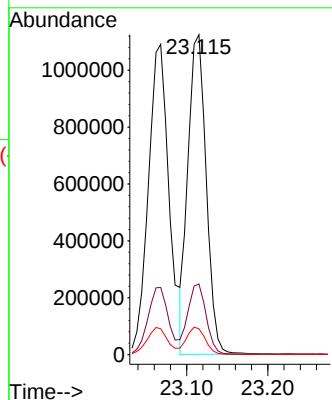
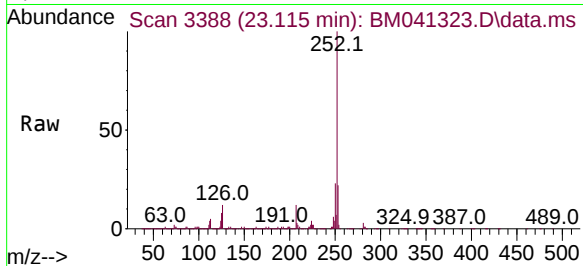




#89
Benzo(k)fluoranthene
Concen: 35.402 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

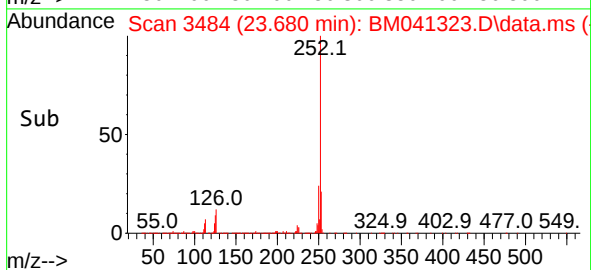
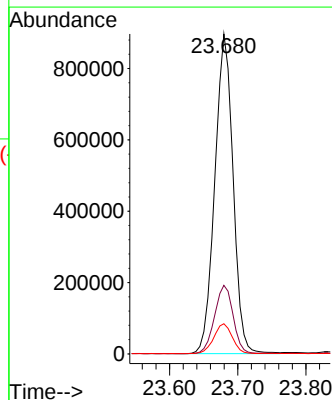
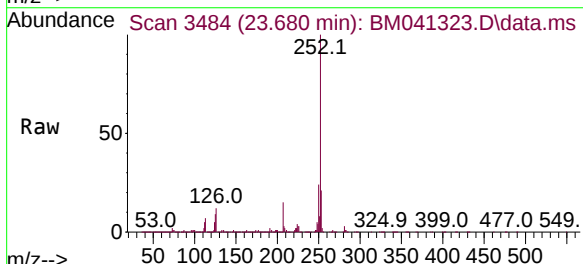
Instrument :
BNA_M
ClientSampleId :
PB154564BS

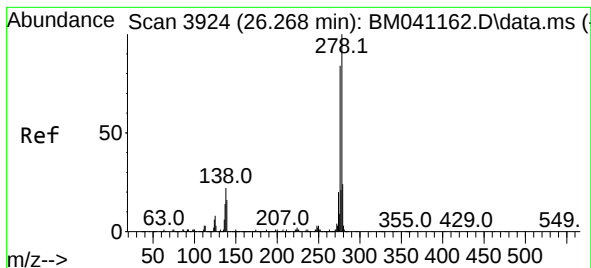
Tgt Ion:252 Resp: 1750248
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 35.764 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM041323.D
Acq: 08 Aug 2023 10:10

Tgt Ion:252 Resp: 1660854
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.596 ng

RT: 26.244 min Scan# 39

Delta R.T. -0.012 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154564BS

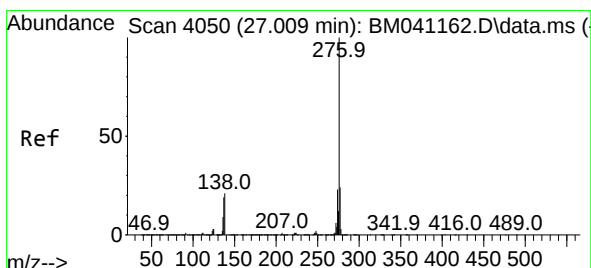
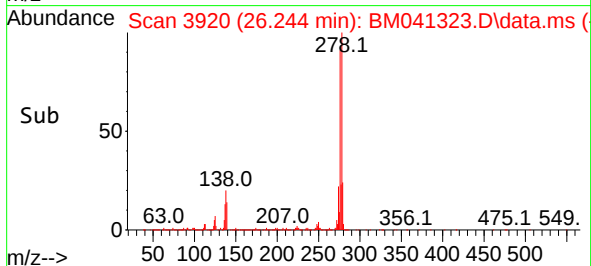
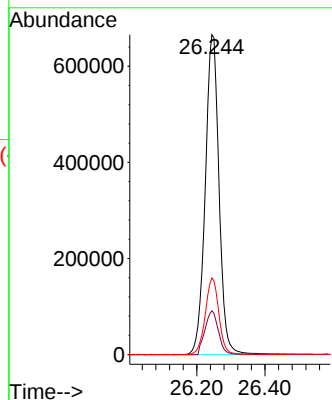
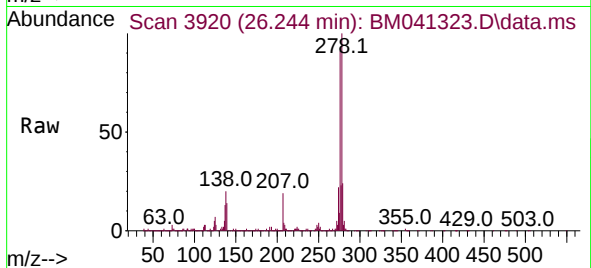
Tgt Ion:278 Resp: 1875700

Ion Ratio Lower Upper

278 100

139 13.7 12.7 19.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 35.899 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041323.D

Acq: 08 Aug 2023 10:10

Tgt Ion:276 Resp: 1752506

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 18.3 17.1 25.7

