

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041326.D
 Acq On : 08 Aug 2023 12:01
 Operator : MA/JU
 Sample : PB154641BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154641BS

Quant Time: Aug 09 01:14:07 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	156788	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	588545	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	315663	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	596558	20.000	ng	0.00
76) Chrysene-d12	21.415	240	530277	20.000	ng	0.00
86) Perylene-d12	23.786	264	637502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1107662	105.588	ng	0.00
7) Phenol-d6	6.969	99	1336122	98.258	ng	0.00
23) Nitrobenzene-d5	8.963	82	880067	69.539	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	466739	104.535	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1763592	70.577	ng	0.00
79) Terphenyl-d14	19.851	244	2212700	75.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	126305	28.145	ng	97
3) Pyridine	3.657	79	322101	27.297	ng	98
4) n-Nitrosodimethylamine	3.575	42	186003	34.083	ng	96
6) Aniline	7.122	93	494897	31.099	ng	99
8) 2-Chlorophenol	7.345	128	393699	38.443	ng	100
9) Benzaldehyde	6.934	77	237750	33.135	ng	99
10) Phenol	6.993	94	489172	37.246	ng	95
11) bis(2-Chloroethyl)ether	7.222	93	394612	37.119	ng	97
12) 1,3-Dichlorobenzene	7.669	146	450901	40.448	ng	99
13) 1,4-Dichlorobenzene	7.816	146	462087	41.240	ng	99
14) 1,2-Dichlorobenzene	8.134	146	439571	40.915	ng	99
15) Benzyl Alcohol	8.040	79	358726	41.774	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	482425	34.058	ng	95
17) 2-Methylphenol	8.245	107	316941	35.323	ng	98
18) Hexachloroethane	8.851	117	175100	41.976	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	305629	37.004	ng	97
20) 3+4-Methylphenols	8.575	107	422421	35.210	ng	97
22) Acetophenone	8.622	105	587731	37.706	ng	100
24) Nitrobenzene	9.004	77	469825	36.710	ng	99
25) Isophorone	9.528	82	785447	36.561	ng	99
26) 2-Nitrophenol	9.710	139	207243	41.422	ng	96
27) 2,4-Dimethylphenol	9.775	122	307013	34.872	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	475614	35.343	ng	100
29) 2,4-Dichlorophenol	10.245	162	347907	39.186	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	408216	41.616	ng	99
31) Naphthalene	10.639	128	1159184	36.295	ng	99
32) Benzoic acid	9.951	122	229703	36.716	ng	96
33) 4-Chloroaniline	10.769	127	320337	25.098	ng	99
34) Hexachlorobutadiene	10.904	225	258962	43.895	ng	98
35) Caprolactam	11.586	113	90731	35.327	ng	91
36) 4-Chloro-3-methylphenol	11.904	107	332805	35.614	ng	97
37) 2-Methylnaphthalene	12.257	142	749378	34.803	ng	98
38) 1-Methylnaphthalene	12.480	142	720826	35.768	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	420653	41.040	ng	98
41) Hexachlorocyclopentadiene	12.592	237	468138	86.329	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	264733	40.297	ng	98

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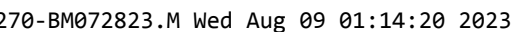
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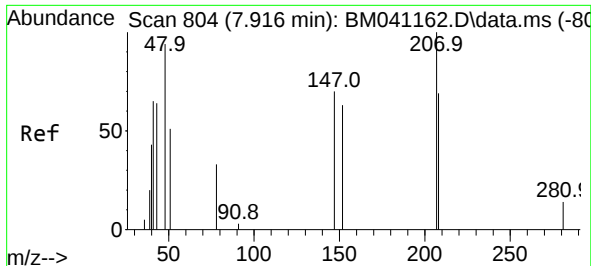
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	282007	37.087	ng	98
46) 1,1'-Biphenyl	13.280	154	947321	37.019	ng	99
47) 2-Chloronaphthalene	13.322	162	743122	38.891	ng	99
48) 2-Nitroaniline	13.551	65	220201	36.104	ng	97
49) Acenaphthylene	14.174	152	1150422	37.301	ng	100
50) Dimethylphthalate	13.921	163	839550	35.357	ng	100
51) 2,6-Dinitrotoluene	14.051	165	184762	37.554	ng	97
52) Acenaphthene	14.516	154	659086	35.474	ng	99
53) 3-Nitroaniline	14.386	138	153470	28.087	ng	96
54) 2,4-Dinitrophenol	14.598	184	234774	71.345	ng	93
55) Dibenzofuran	14.851	168	1058409	34.915	ng	99
56) 4-Nitrophenol	14.704	139	287748	70.176	ng	95
57) 2,4-Dinitrotoluene	14.845	165	244215	35.496	ng	96
58) Fluorene	15.504	166	834183	34.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	234392	38.067	ng	97
60) Diethylphthalate	15.286	149	809035	35.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	432442	36.086	ng	99
62) 4-Nitroaniline	15.557	138	163361	32.589	ng	96
63) Azobenzene	15.798	77	850007	33.794	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	141127	39.051	ng	95
66) n-Nitrosodiphenylamine	15.721	169	692651	37.333	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	256380	39.197	ng	98
68) Hexachlorobenzene	16.510	284	300058	41.256	ng	97
69) Atrazine	16.686	200	234952	48.221	ng	99
70) Pentachlorophenol	16.862	266	331098	65.742	ng	99
71) Phenanthrene	17.257	178	1200965	36.234	ng	100
72) Anthracene	17.345	178	1216279	37.103	ng	100
73) Carbazole	17.627	167	1075366	36.244	ng	100
74) Di-n-butylphthalate	18.186	149	1287405	38.398	ng	99
75) Fluoranthene	19.280	202	1343328	36.074	ng	99
77) Benzidine	19.480	184	657315	90.945	ng	100
78) Pyrene	19.645	202	1399071	37.728	ng	99
80) Butylbenzylphthalate	20.550	149	545341	40.270	ng	97
81) Benzo(a)anthracene	21.403	228	1365158	37.975	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	505911	43.128	ng	100
83) Chrysene	21.456	228	1267000	36.439	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	786590	37.180	ng	99
85) Di-n-octyl phthalate	22.239	149	1387893	40.552	ng	97
87) Indeno(1,2,3-cd)pyrene	26.238	276	1879023	40.090	ng	96
88) Benzo(b)fluoranthene	23.068	252	1485869	39.234	ng	98
89) Benzo(k)fluoranthene	23.115	252	1364570	35.225	ng	99
90) Benzo(a)pyrene	23.680	252	1302934	35.805	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1586537	40.583	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1515588	39.621	ng	97

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

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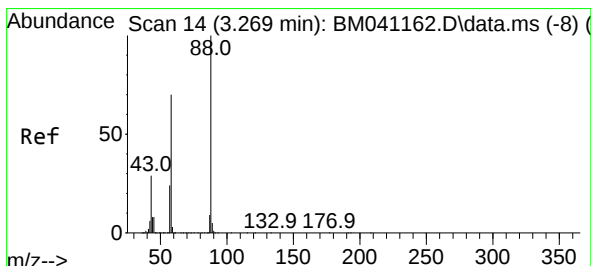
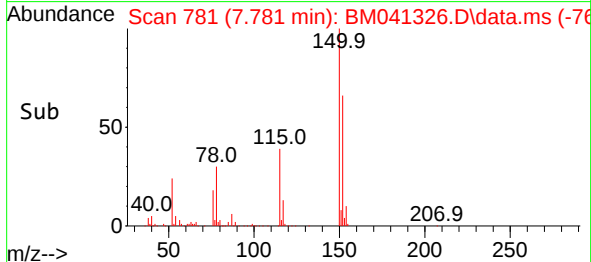
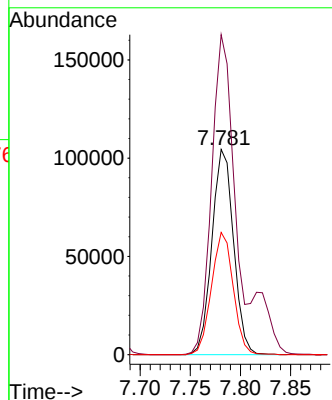
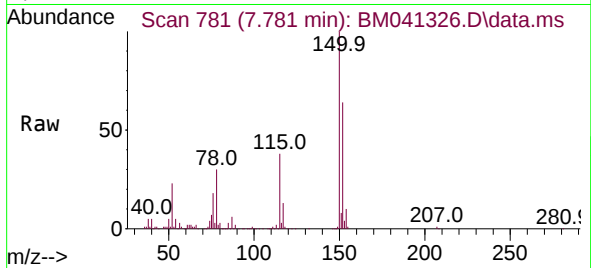




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.781 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

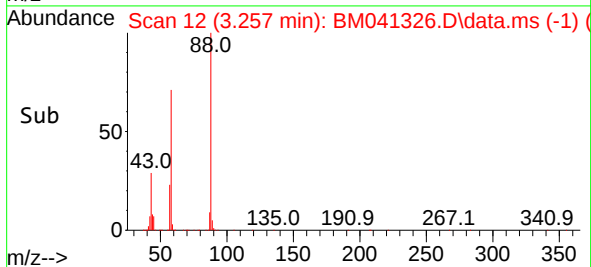
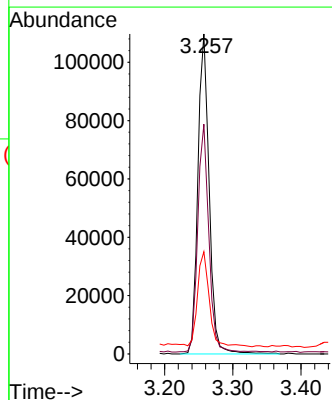
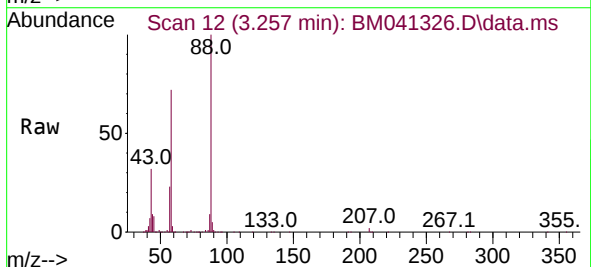
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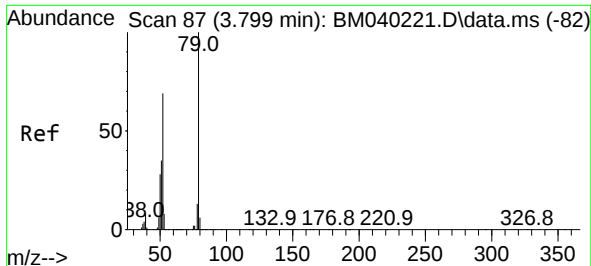
Tgt Ion:152 Resp: 156788
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.5 188.3
 115 59.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 28.145 ng
 RT: 3.257 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

Tgt Ion: 88 Resp: 126305
 Ion Ratio Lower Upper
 88 100
 58 69.6 58.2 87.4
 43 30.9 24.4 36.6

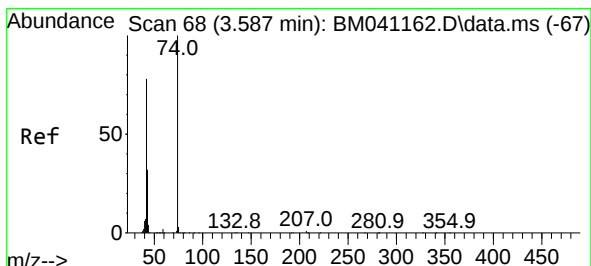
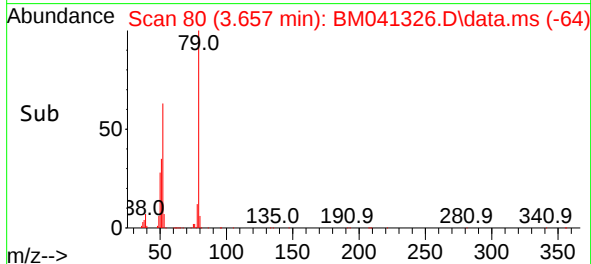
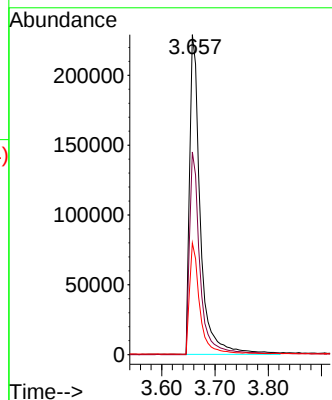
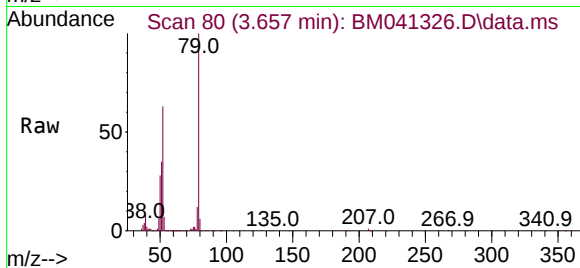




#3
Pyridine
Concen: 27.297 ng
RT: 3.657 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

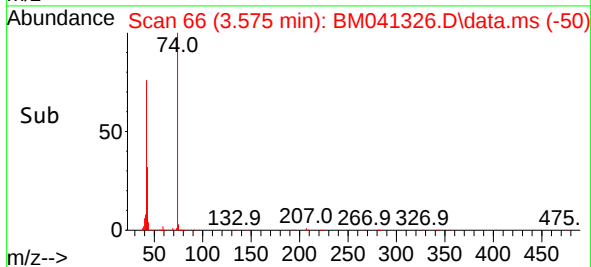
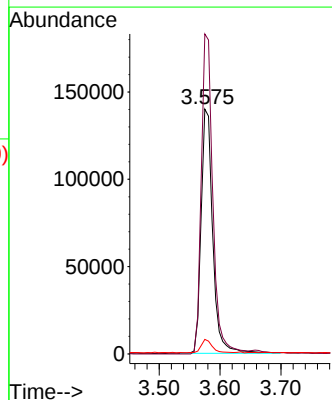
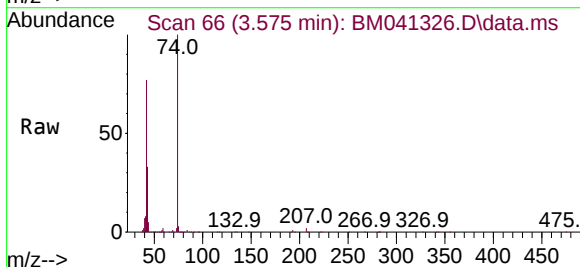
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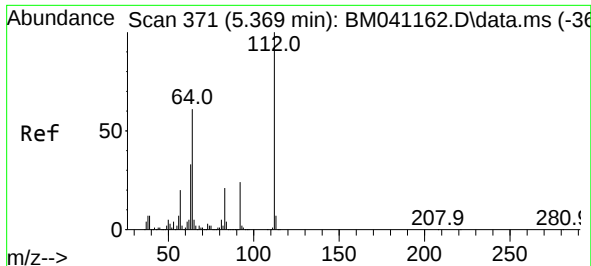
Tgt Ion: 79 Resp: 322101
Ion Ratio Lower Upper
79 100
52 63.3 52.1 78.1
51 34.9 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 34.083 ng
RT: 3.575 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 42 Resp: 186003
Ion Ratio Lower Upper
42 100
74 130.7 100.8 151.2
44 5.9 5.0 7.4

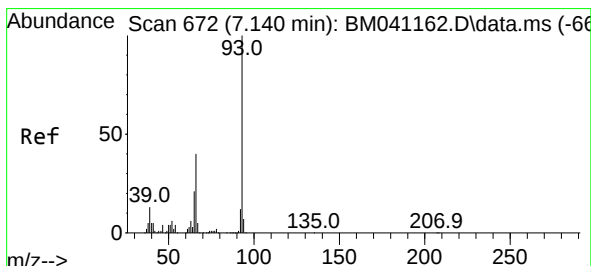
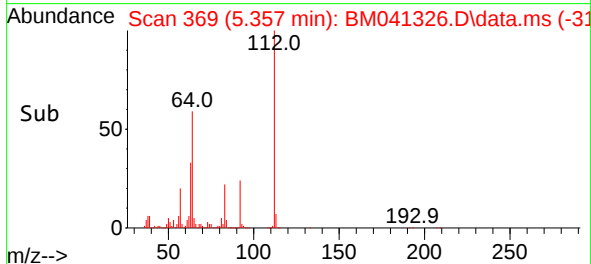
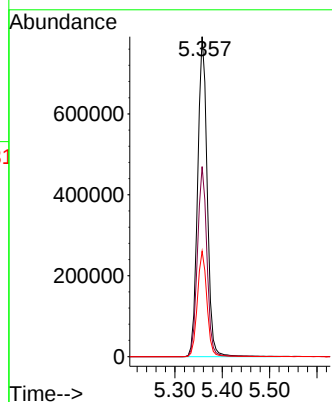
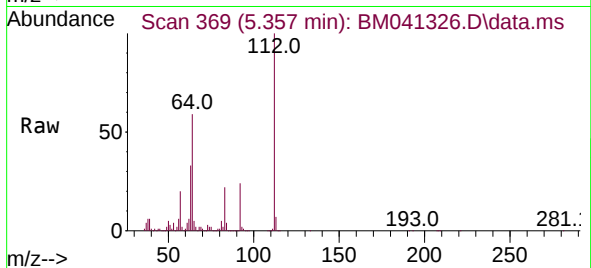




#5
2-Fluorophenol
Concen: 105.588 ng
RT: 5.357 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

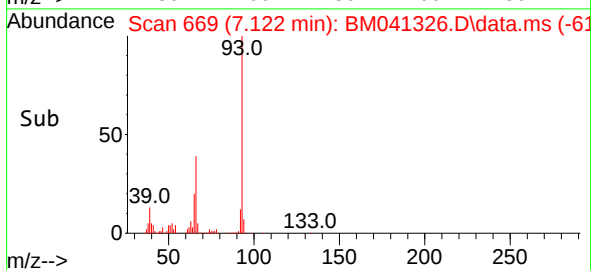
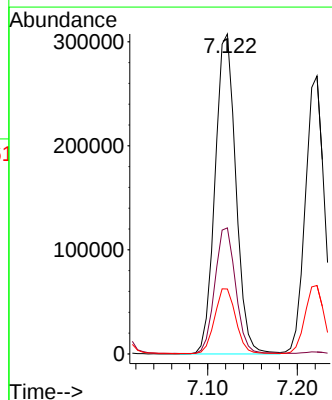
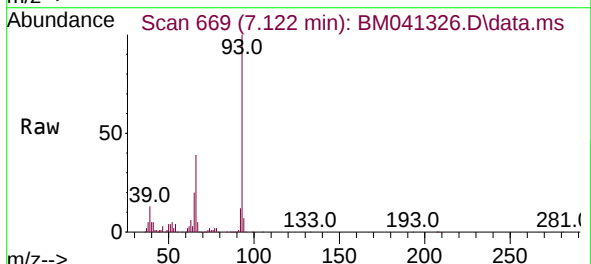
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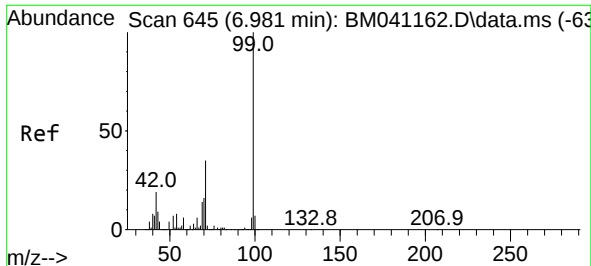
Tgt Ion:112 Resp: 1107662
Ion Ratio Lower Upper
112 100
64 59.4 48.5 72.7
63 32.9 26.5 39.7



#6
Aniline
Concen: 31.099 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 93 Resp: 494897
Ion Ratio Lower Upper
93 100
66 39.4 32.0 48.0
65 20.3 16.6 24.8

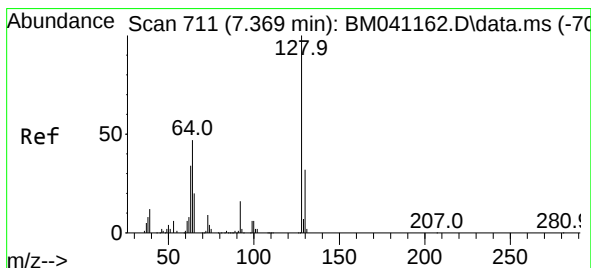
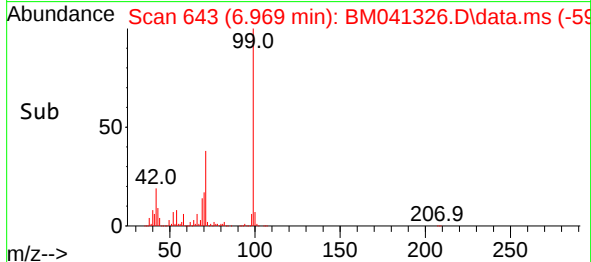
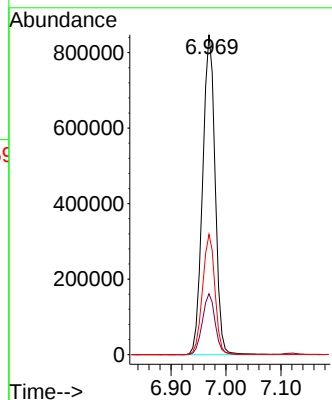
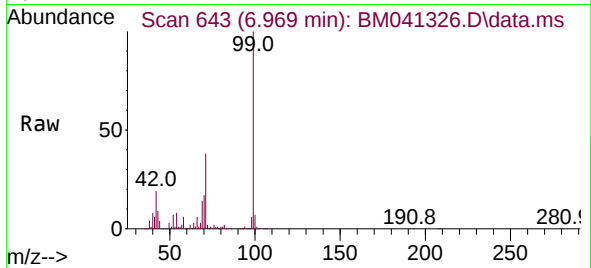




#7
Phenol-d6
Concen: 98.258 ng
RT: 6.969 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

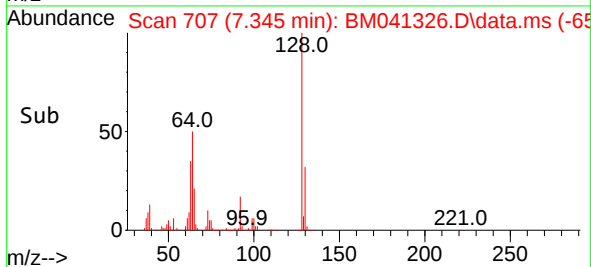
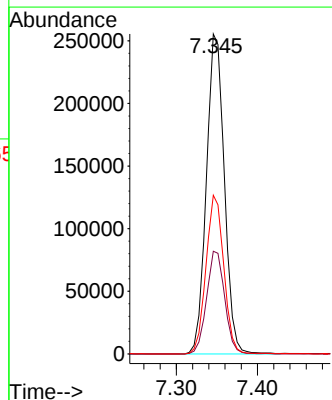
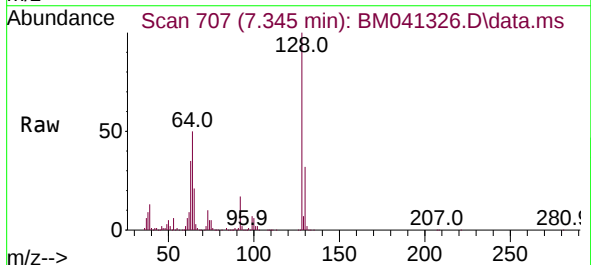
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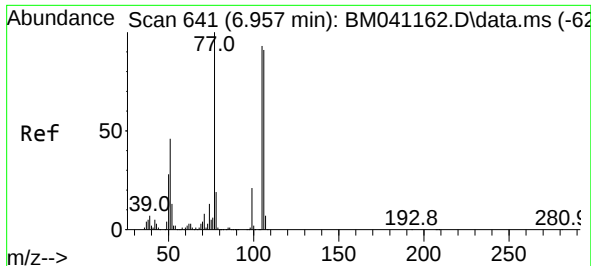
Tgt Ion: 99 Resp: 1336122
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.6 28.2 42.4



#8
2-Chlorophenol
Concen: 38.443 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 128 Resp: 393699
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 49.6 29.3 69.3

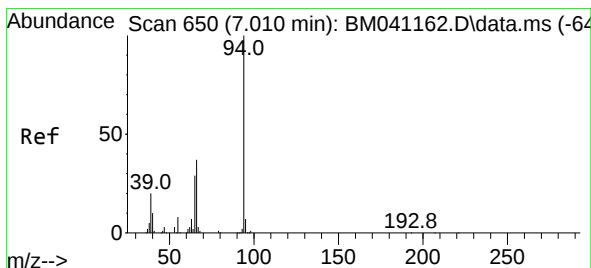
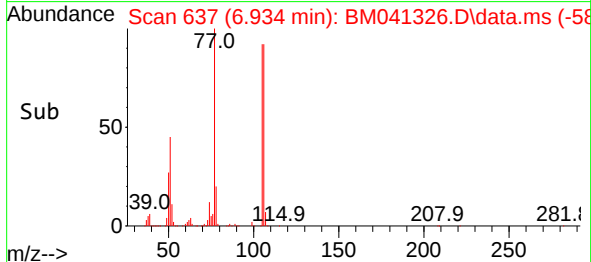
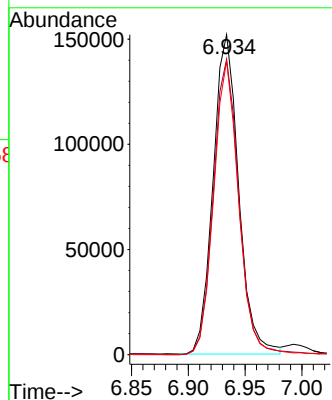
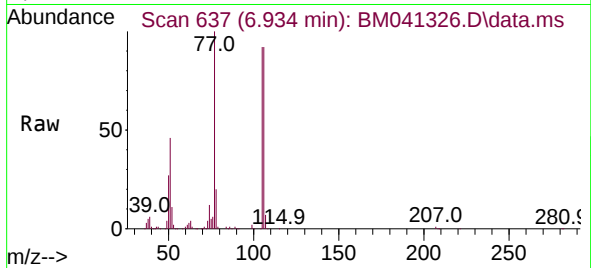




#9
Benzaldehyde
Concen: 33.135 ng
RT: 6.934 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041326.D
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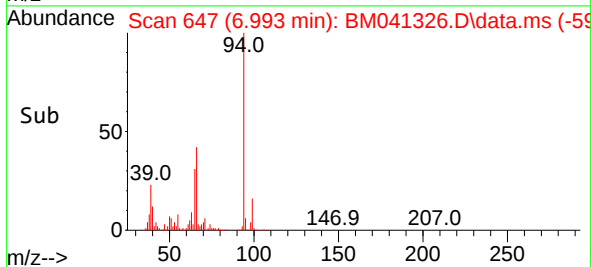
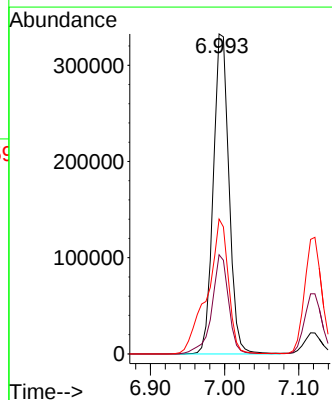
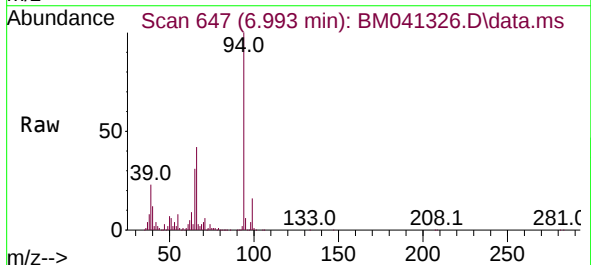
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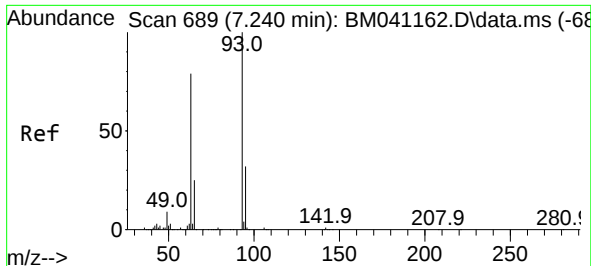
Tgt Ion: 77 Resp: 237750
Ion Ratio Lower Upper
77 100
105 92.3 72.8 112.8
106 91.8 70.8 110.8



#10
Phenol
Concen: 37.246 ng
RT: 6.993 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 94 Resp: 489172
Ion Ratio Lower Upper
94 100
65 31.0 9.5 49.5
66 42.1 18.0 58.0

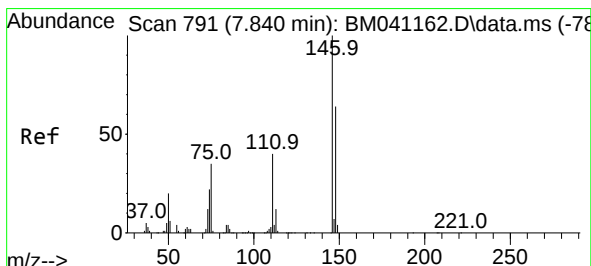
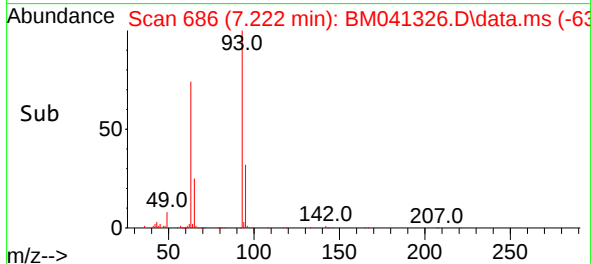
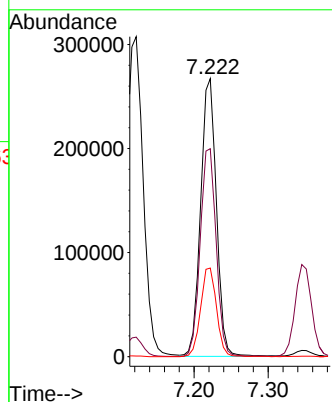
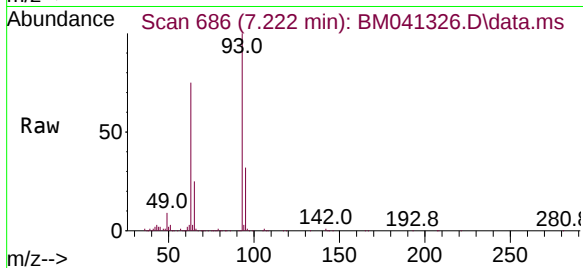




#11
bis(2-Chloroethyl)ether
Concen: 37.119 ng
RT: 7.222 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

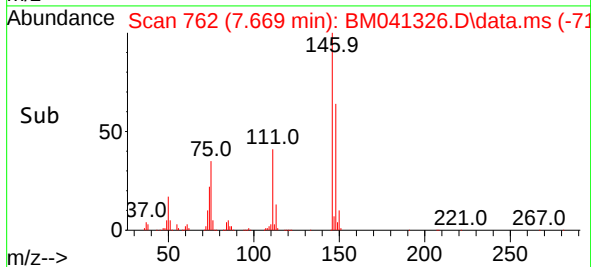
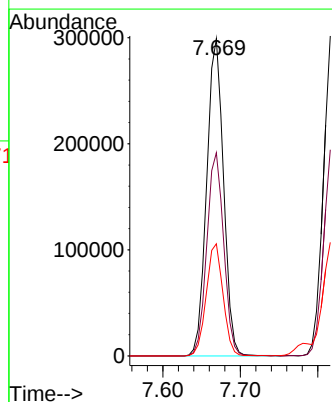
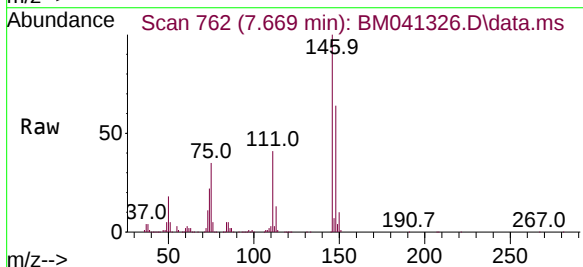
Instrument :
BNA_M
ClientSampleId :
PB154641BS

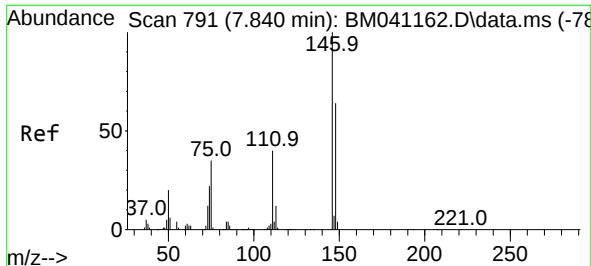
Tgt Ion: 93 Resp: 394612
Ion Ratio Lower Upper
93 100
63 74.8 58.8 98.8
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.448 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 146 Resp: 450901
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 35.4 28.3 42.5

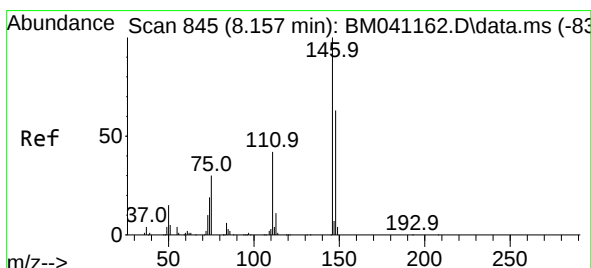
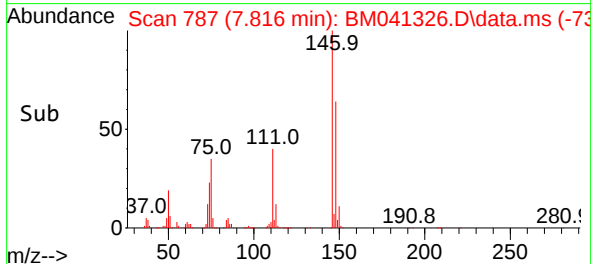
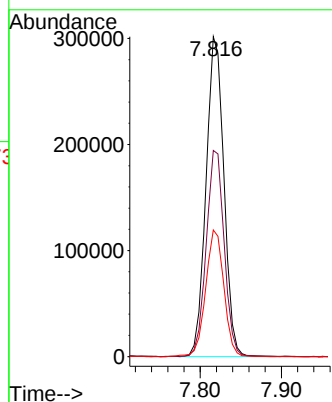
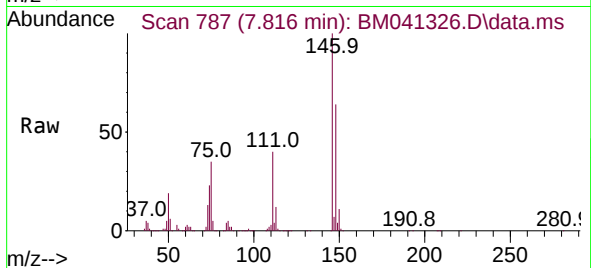




#13
1,4-Dichlorobenzene
Concen: 41.240 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

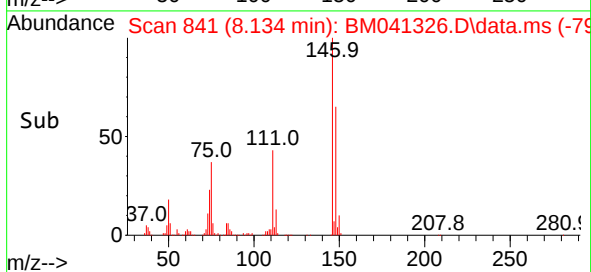
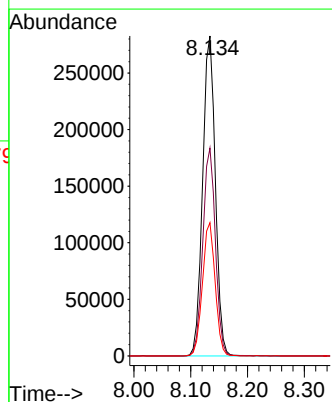
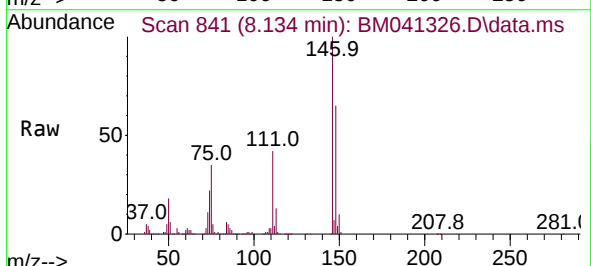
Instrument :
BNA_M
ClientSampleId :
PB154641BS

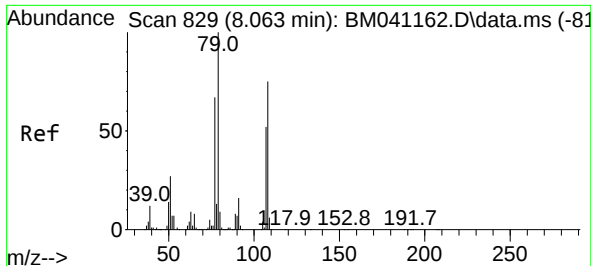
Tgt Ion:146 Resp: 462087
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 39.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 40.915 ng
RT: 8.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:146 Resp: 439571
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 41.6 33.8 50.6

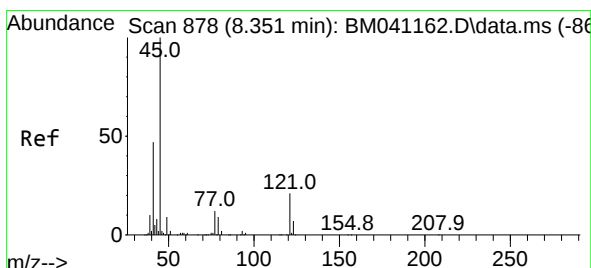
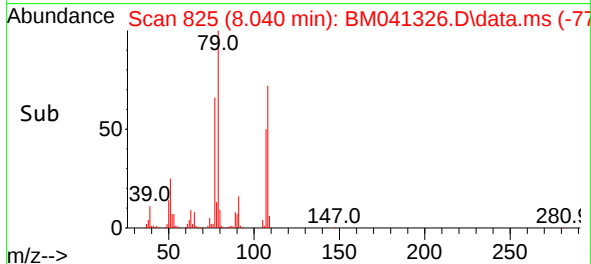
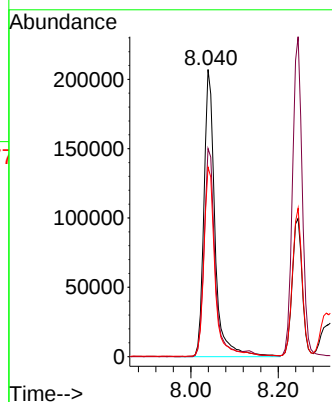
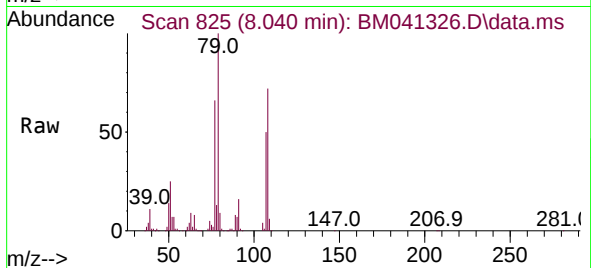




#15
Benzyl Alcohol
Concen: 41.774 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

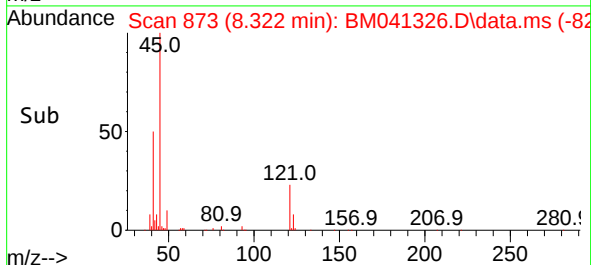
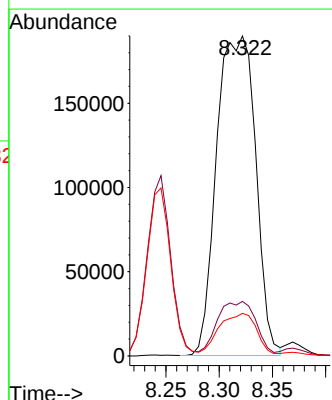
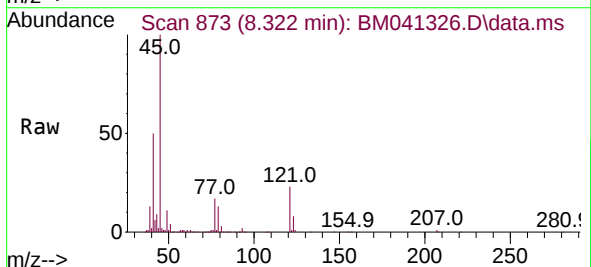
Instrument :
BNA_M
ClientSampleId :
PB154641BS

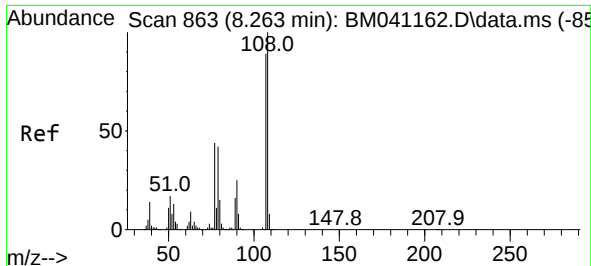
Tgt Ion: 79 Resp: 358726
Ion Ratio Lower Upper
79 100
108 72.5 59.8 89.8
77 65.9 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.058 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 45 Resp: 482425
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.5
79 13.3 0.0 32.1





#17

2-Methylphenol

Concen: 35.323 ng

RT: 8.245 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

Tgt Ion:107 Resp: 316941

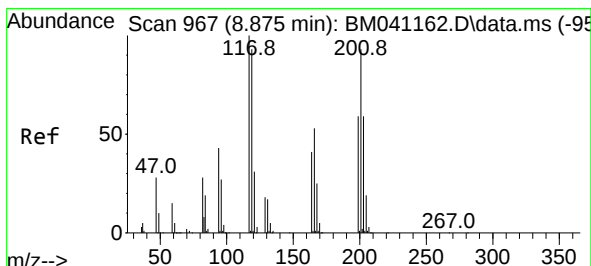
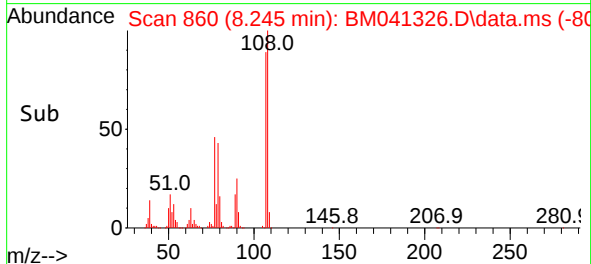
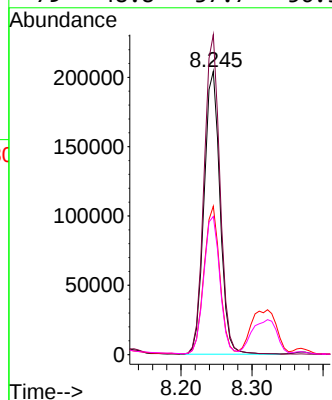
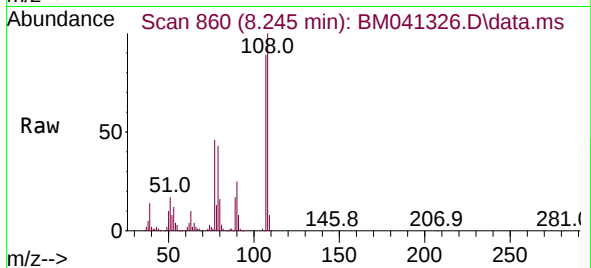
Ion Ratio Lower Upper

107 100

108 112.9 89.9 134.9

77 52.3 39.8 59.8

79 48.8 37.7 56.5



#18

Hexachloroethane

Concen: 41.976 ng

RT: 8.851 min Scan# 963

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

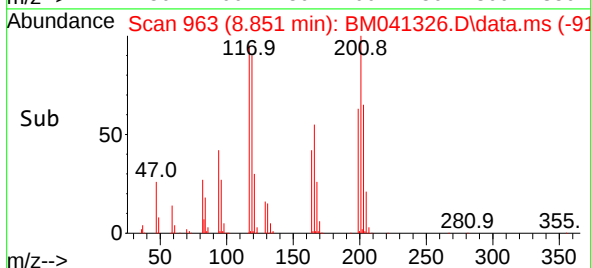
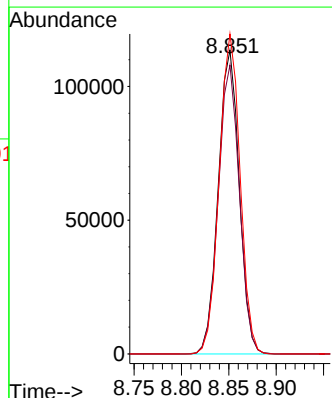
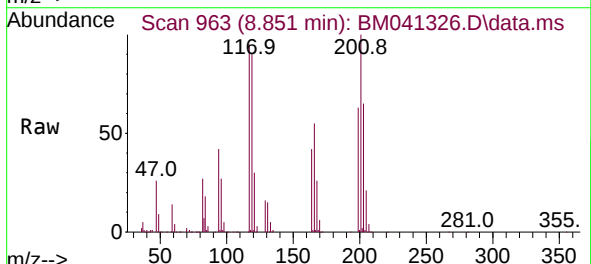
Tgt Ion:117 Resp: 175100

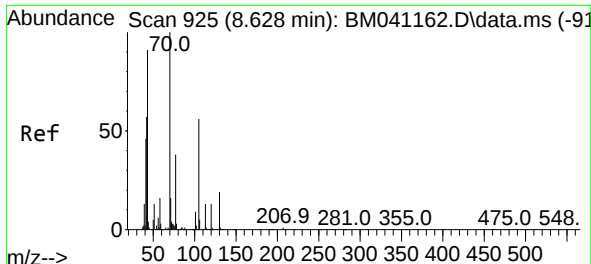
Ion Ratio Lower Upper

117 100

119 95.1 74.2 111.4

201 105.3 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.004 ng

RT: 8.604 min Scan# 916

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

Tgt Ion: 70 Resp: 305629

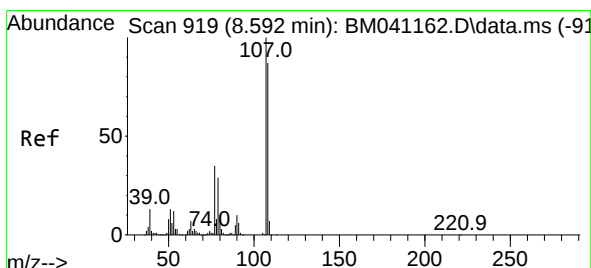
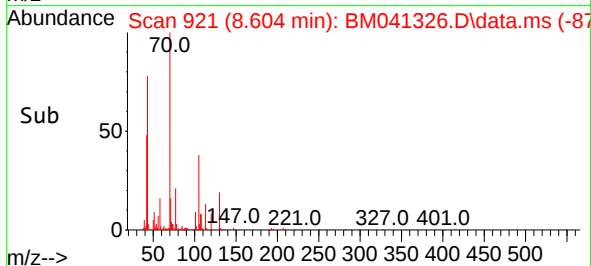
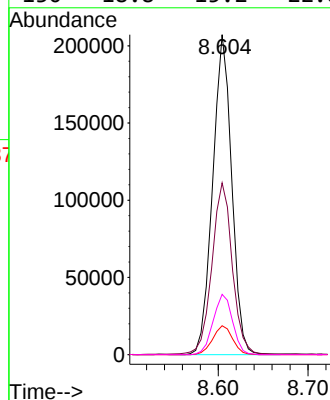
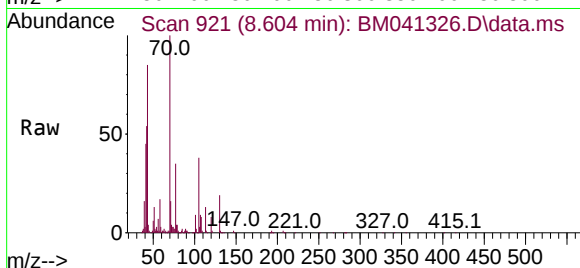
Ion Ratio Lower Upper

70 100

42 53.7 45.8 68.8

101 9.0 7.4 11.0

130 18.8 15.2 22.8



#20

3+4-Methylphenols

Concen: 35.210 ng

RT: 8.575 min Scan# 916

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Tgt Ion: 107 Resp: 422421

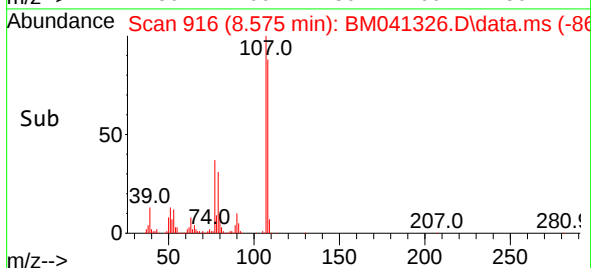
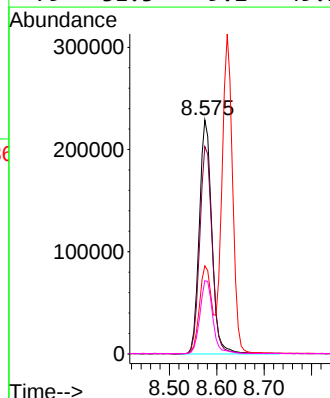
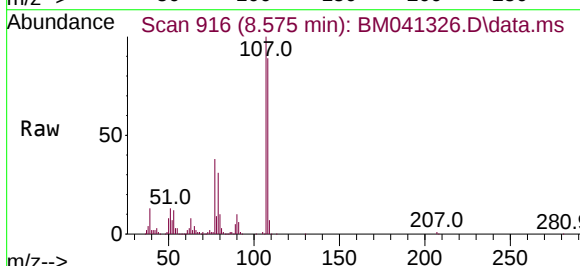
Ion Ratio Lower Upper

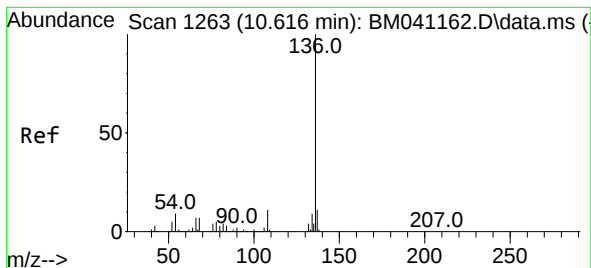
107 100

108 88.6 67.2 107.2

77 37.6 15.4 55.4

79 31.3 9.2 49.2

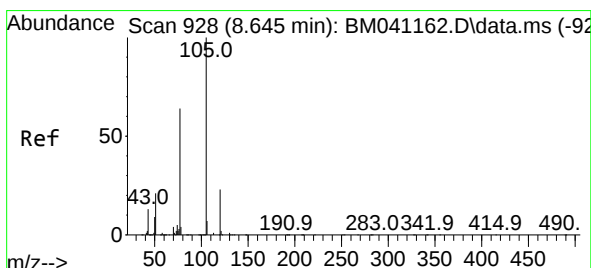
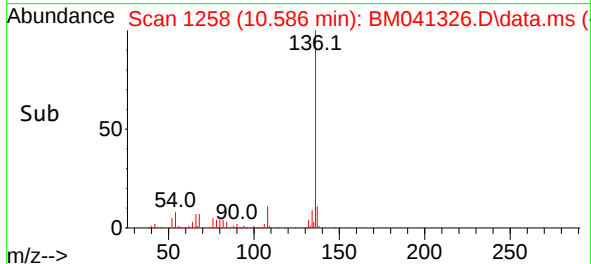
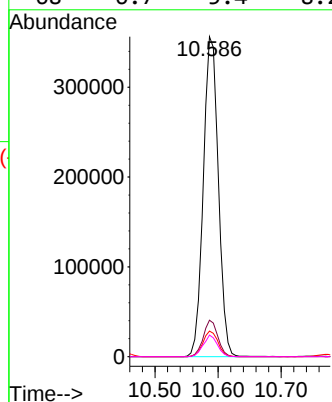
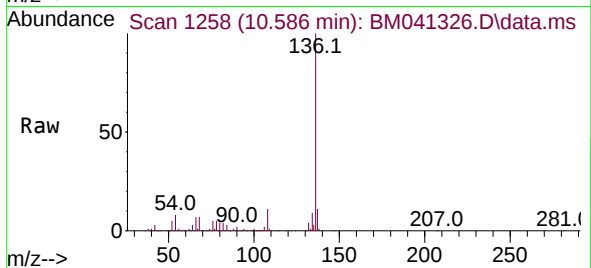




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

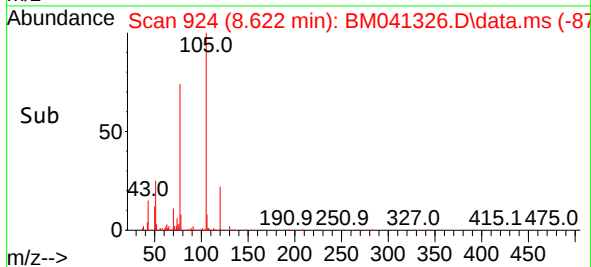
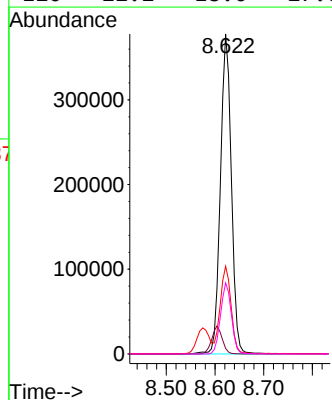
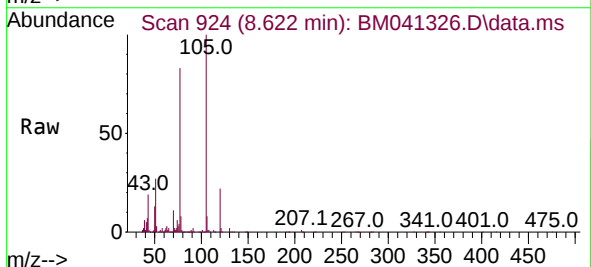
Instrument :
BNA_M
ClientSampleId :
PB154641BS

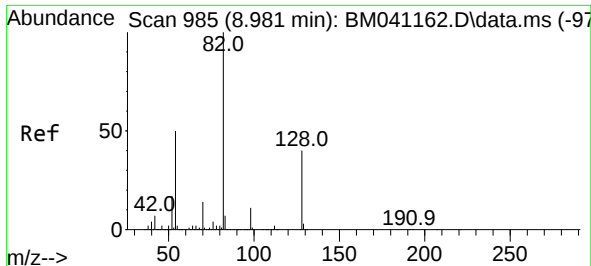
Tgt Ion:	136	Resp:	588545
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.0	6.9	10.3
68	6.7	5.4	8.2



#22
Acetophenone
Concen: 37.706 ng
RT: 8.622 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:	105	Resp:	587731
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.2	1.8
51	27.4	22.0	33.0
120	22.2	18.0	27.0





#23

Nitrobenzene-d5

Concen: 69.539 ng

RT: 8.963 min Scan# 982

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

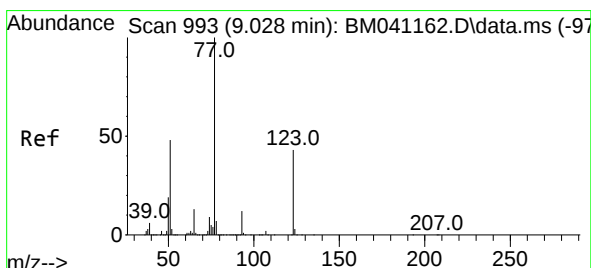
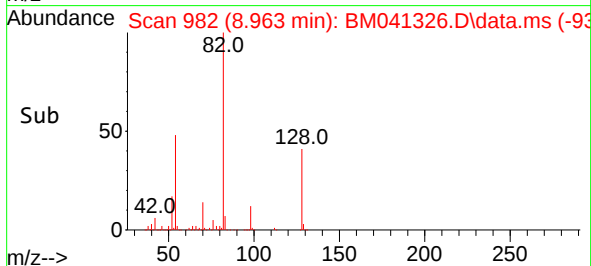
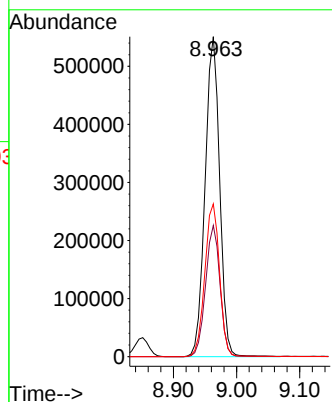
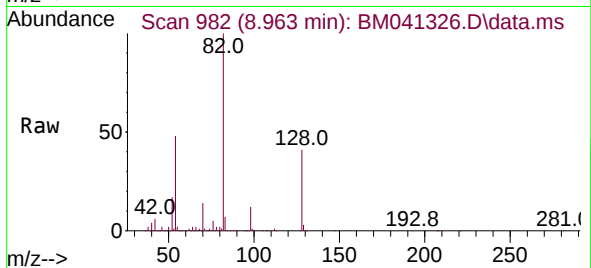
Tgt Ion: 82 Resp: 880067

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

54 47.8 40.1 60.1



#24

Nitrobenzene

Concen: 36.710 ng

RT: 9.004 min Scan# 989

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

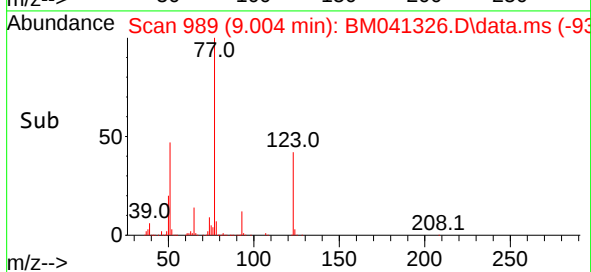
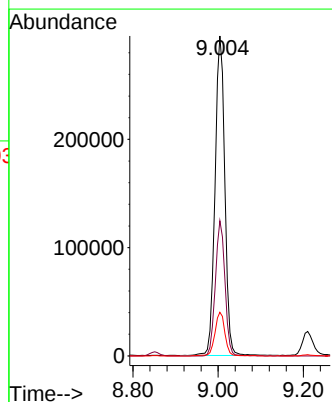
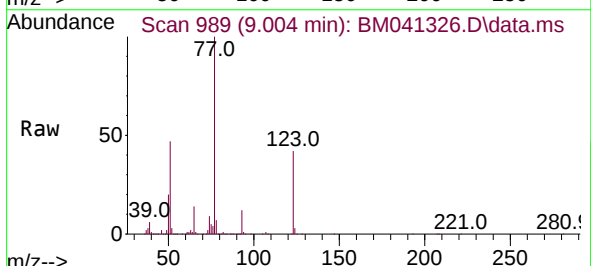
Tgt Ion: 77 Resp: 469825

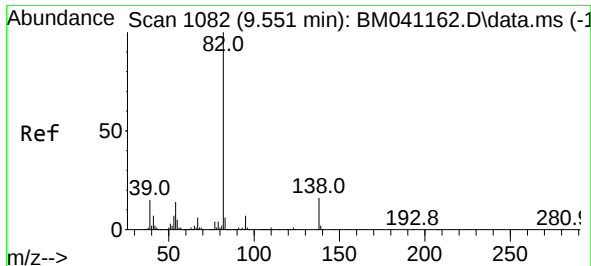
Ion Ratio Lower Upper

77 100

123 42.2 34.2 51.2

65 13.6 10.7 16.1

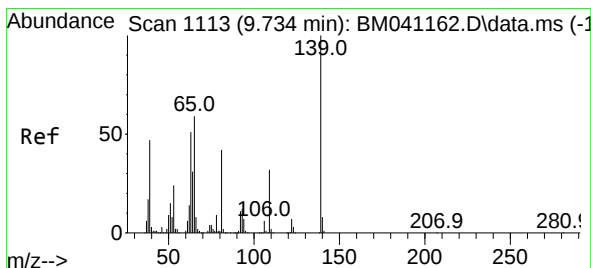
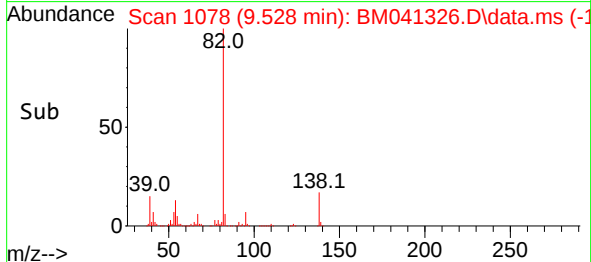
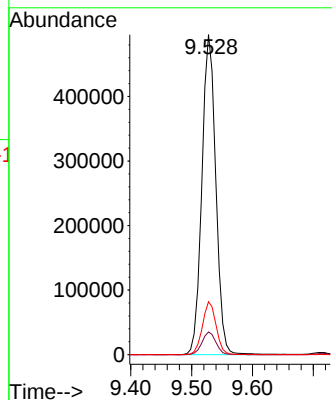
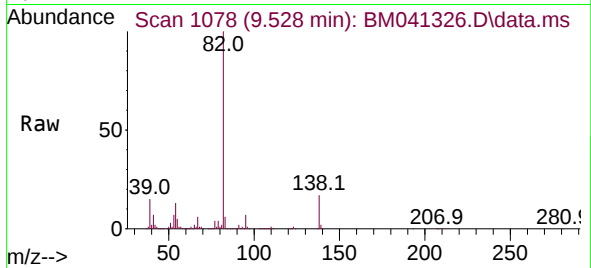




#25
Isophorone
Concen: 36.561 ng
RT: 9.528 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

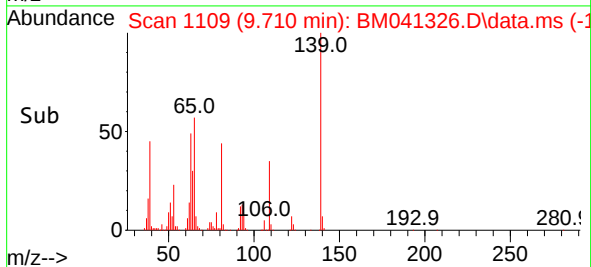
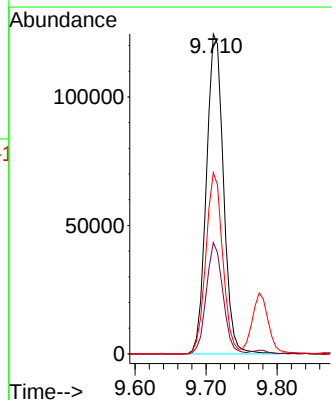
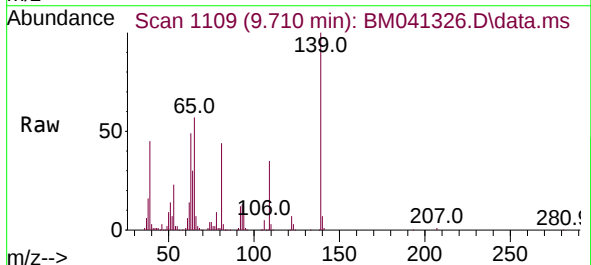
Instrument :
BNA_M
ClientSampleId :
PB154641BS

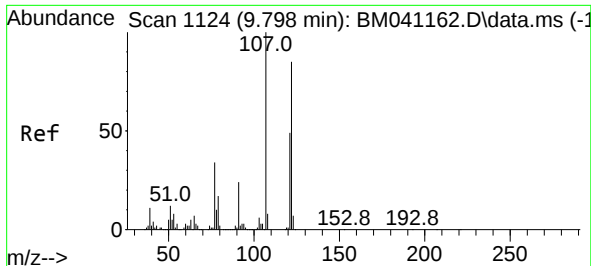
Tgt Ion: 82 Resp: 785447
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 41.422 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 139 Resp: 207243
Ion Ratio Lower Upper
139 100
109 34.8 25.4 38.2
65 56.6 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 34.872 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

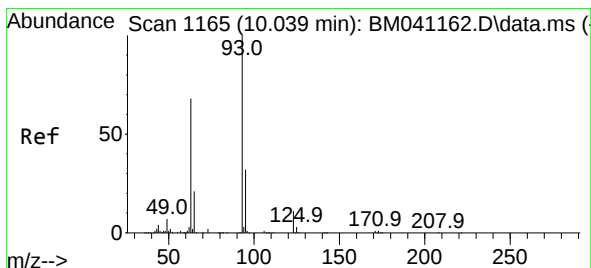
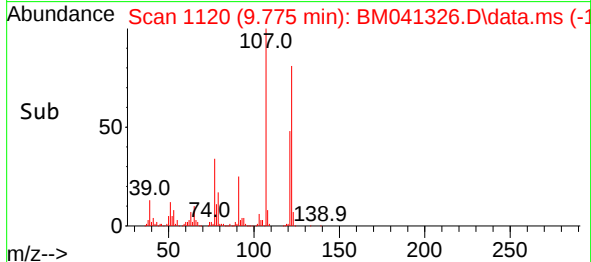
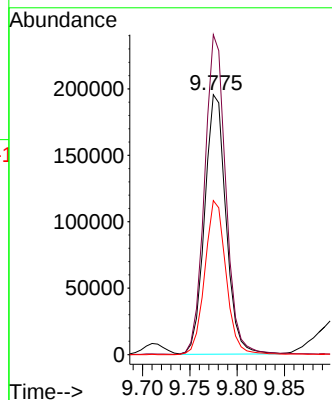
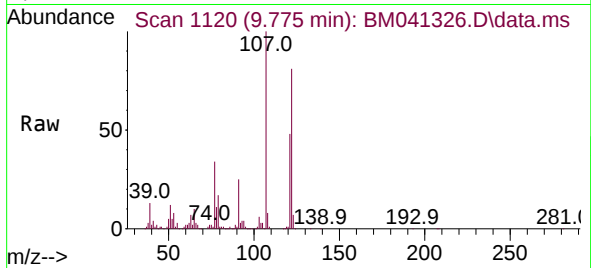
Tgt Ion:122 Resp: 307013

Ion Ratio Lower Upper

122 100

107 123.1 94.3 141.5

121 59.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.343 ng

RT: 10.016 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

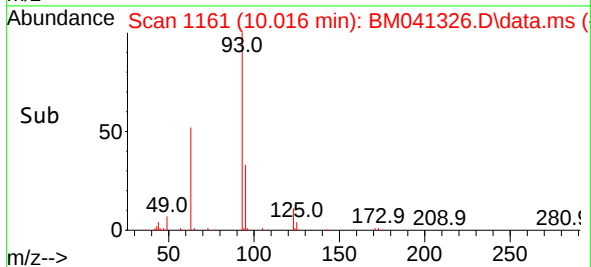
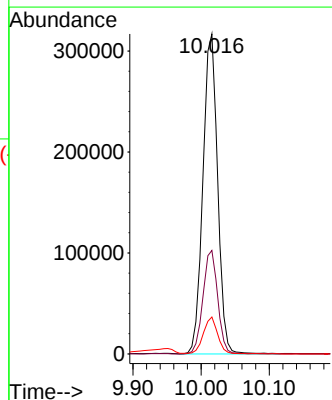
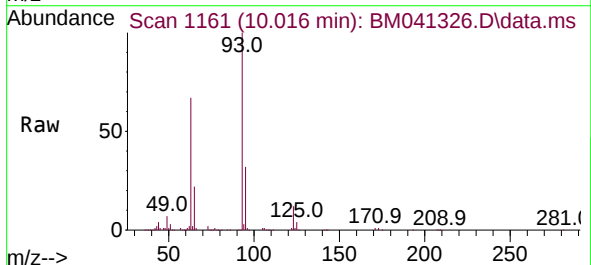
Tgt Ion: 93 Resp: 475614

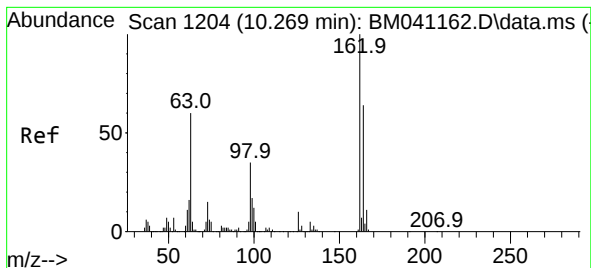
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.5 9.1 13.7

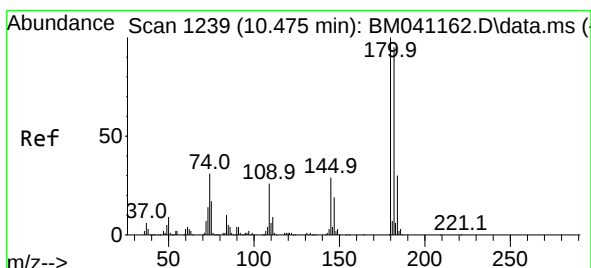
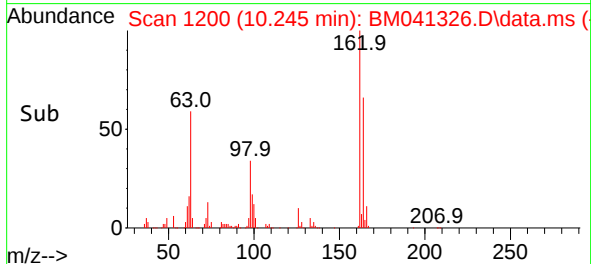
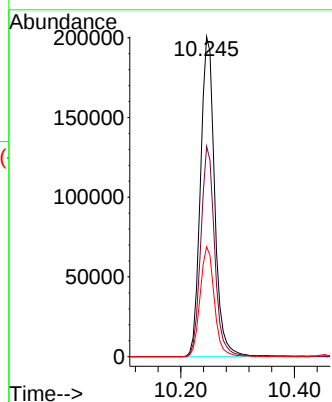
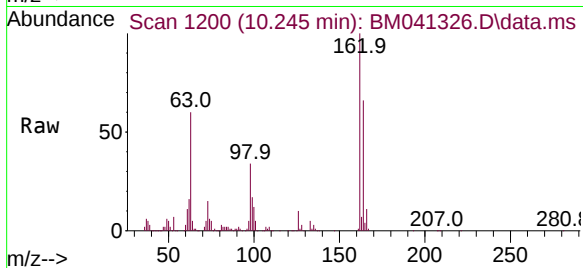




#29
2,4-Dichlorophenol
Concen: 39.186 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

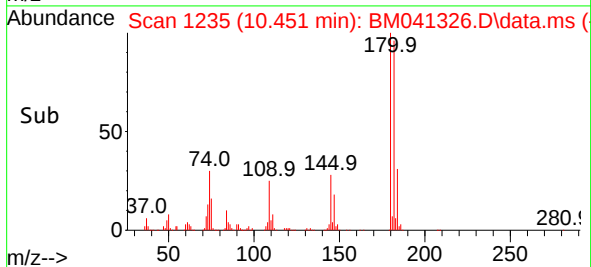
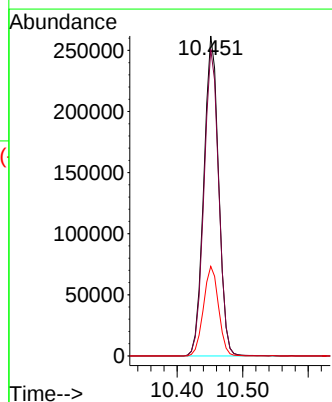
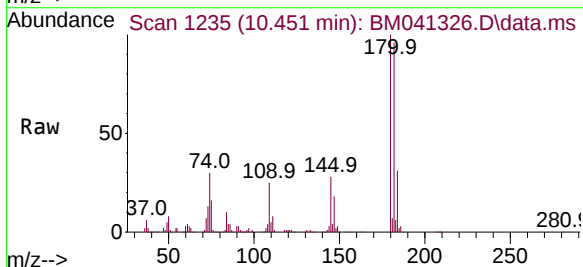
Instrument :
BNA_M
ClientSampleId :
PB154641BS

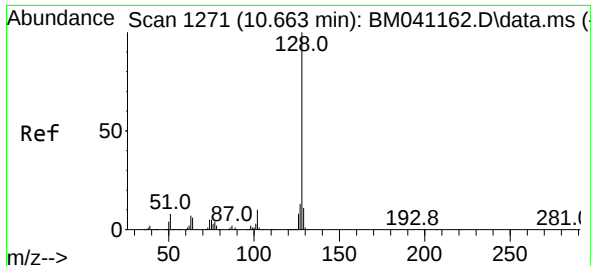
Tgt Ion:162 Resp: 347907
Ion Ratio Lower Upper
162 100
164 65.7 44.3 84.3
98 34.3 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 41.616 ng
RT: 10.451 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:180 Resp: 408216
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 28.0 23.6 35.4

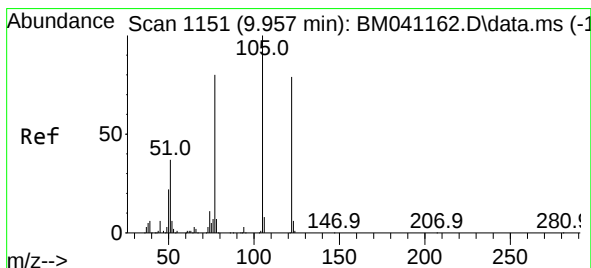
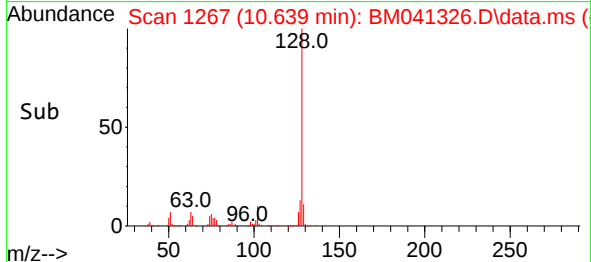
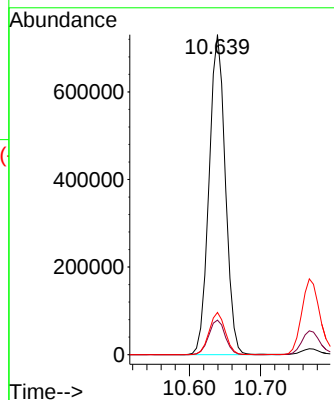
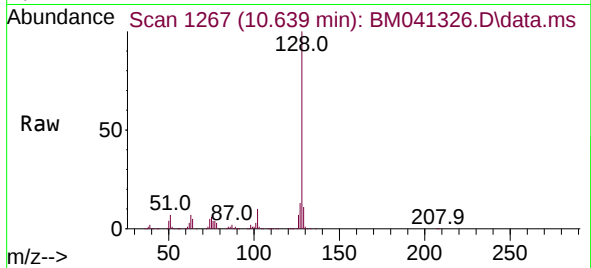




#31
Naphthalene
Concen: 36.295 ng
RT: 10.639 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

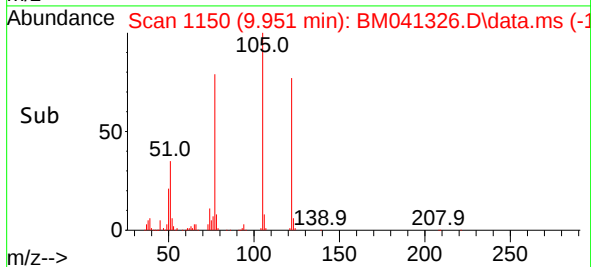
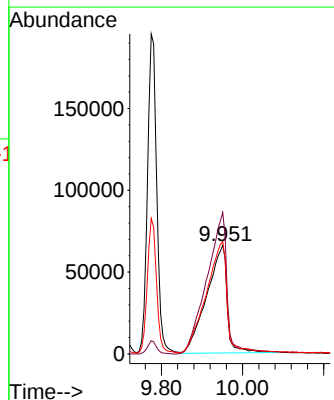
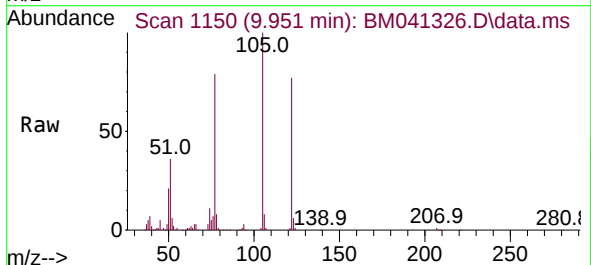
Instrument :
BNA_M
ClientSampleId :
PB154641BS

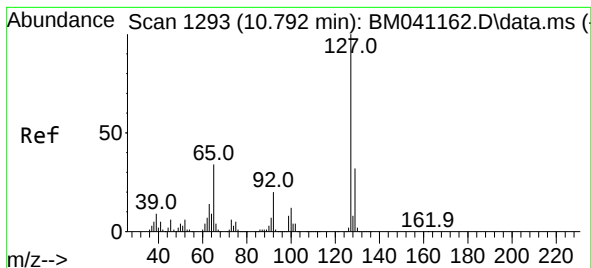
Tgt Ion:128 Resp: 1159184
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 36.716 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:122 Resp: 229703
Ion Ratio Lower Upper
122 100
105 130.1 104.0 144.0
77 103.2 79.9 119.9



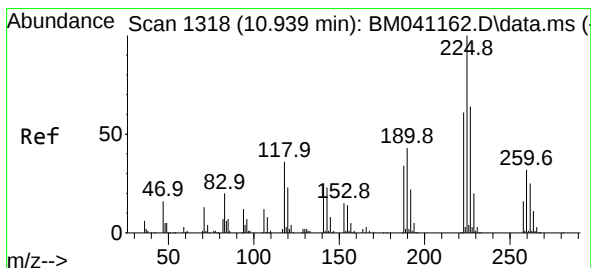
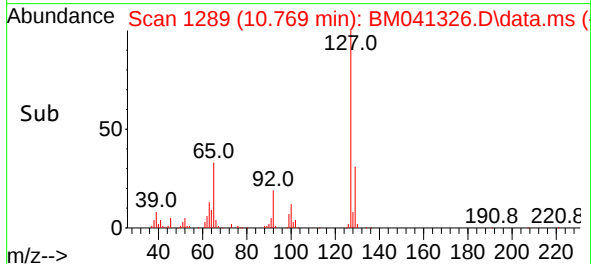
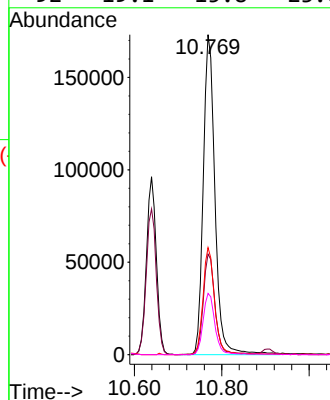
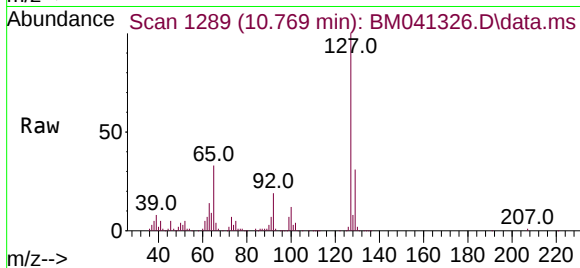


#33
 4-Chloroaniline
 Concen: 25.098 ng
 RT: 10.769 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

Instrument :
 BNA_M
 ClientSampleId :
 PB154641BS

Tgt Ion:127 Resp: 320337

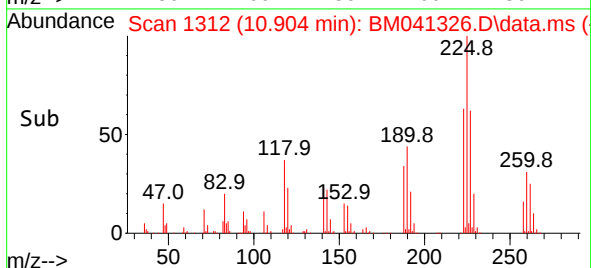
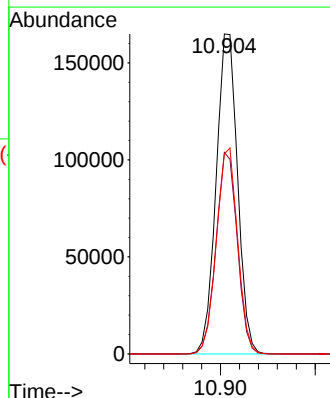
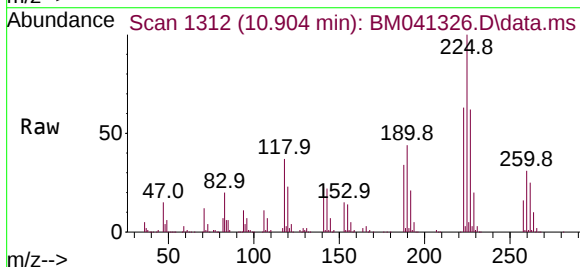
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	33.4	26.9	40.3
92	19.1	15.8	23.6

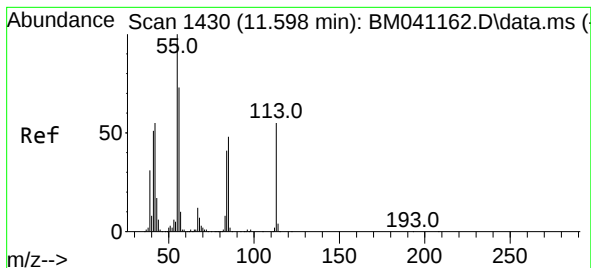


#34
 Hexachlorobutadiene
 Concen: 43.895 ng
 RT: 10.904 min Scan# 1312
 Delta R.T. -0.006 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

Tgt Ion:225 Resp: 258962

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.4
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 35.327 ng

RT: 11.586 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

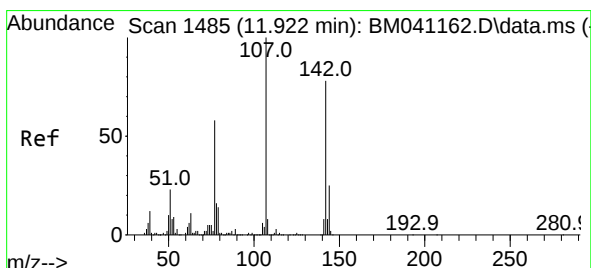
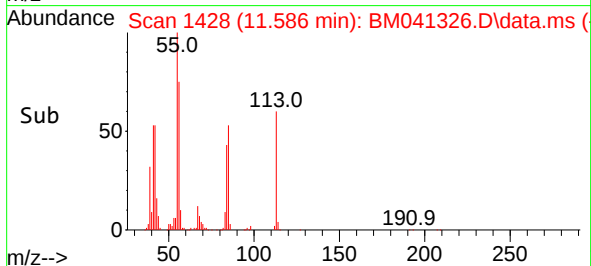
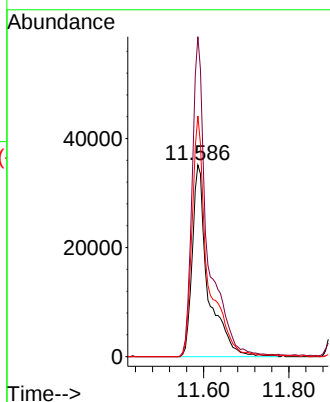
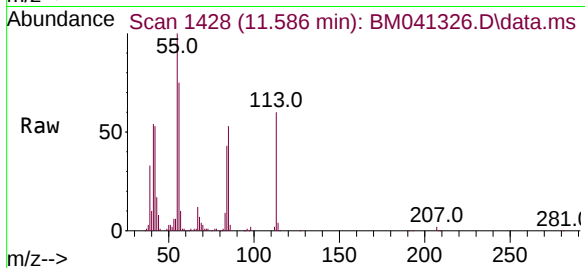
Tgt Ion:113 Resp: 90731

Ion Ratio Lower Upper

113 100

55 167.1 162.5 202.5

56 125.6 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 35.614 ng

RT: 11.904 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

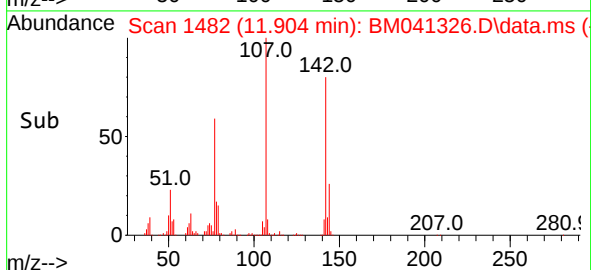
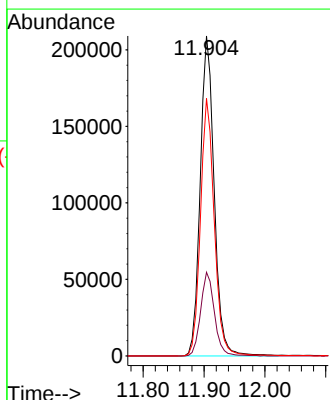
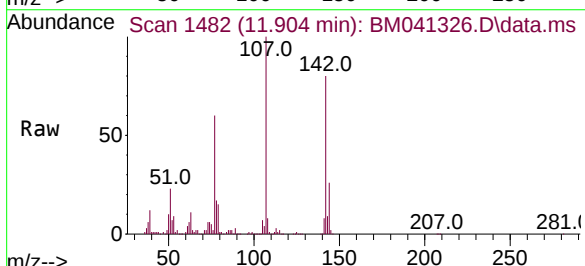
Tgt Ion:107 Resp: 332805

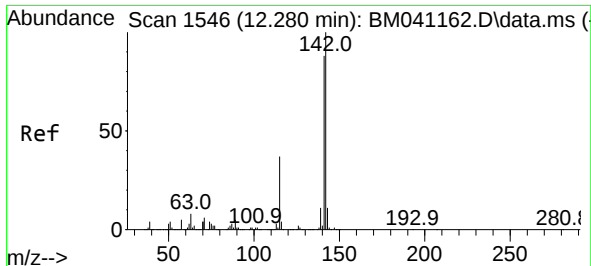
Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

142 80.4 62.2 93.4

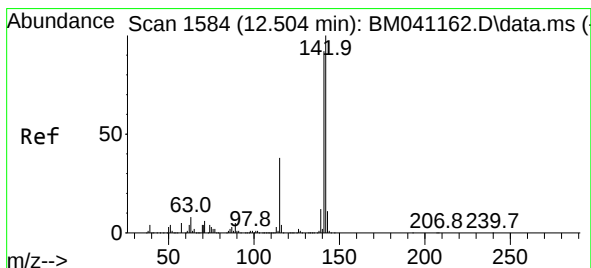
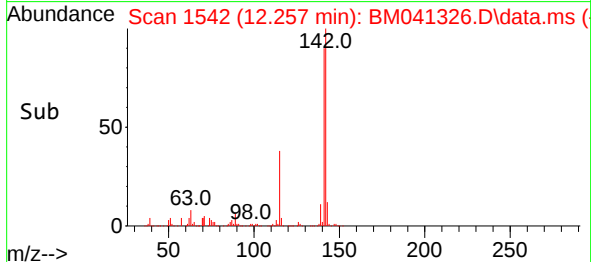
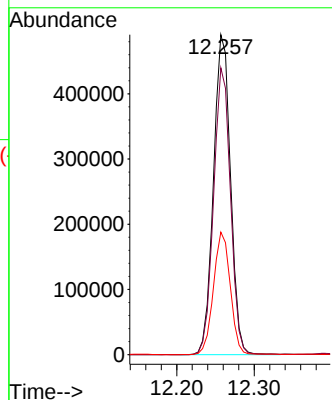
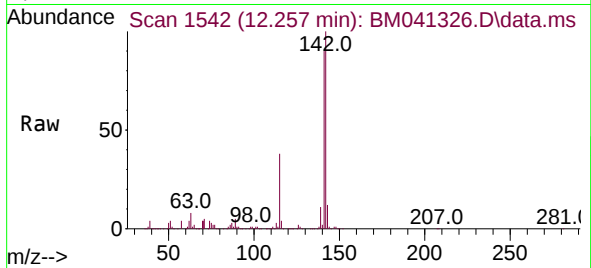




#37
2-Methylnaphthalene
Concen: 34.803 ng
RT: 12.257 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

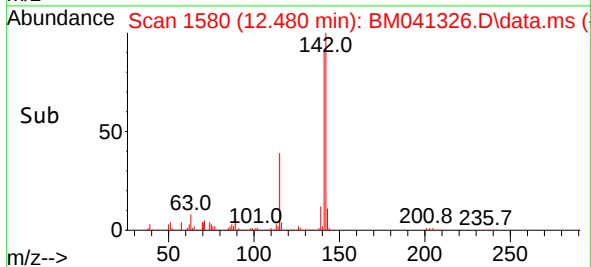
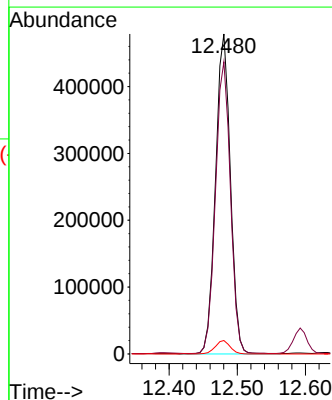
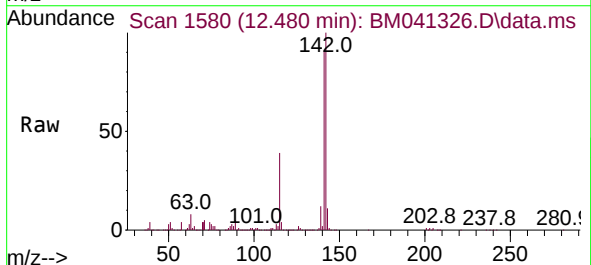
Instrument :
BNA_M
ClientSampleId :
PB154641BS

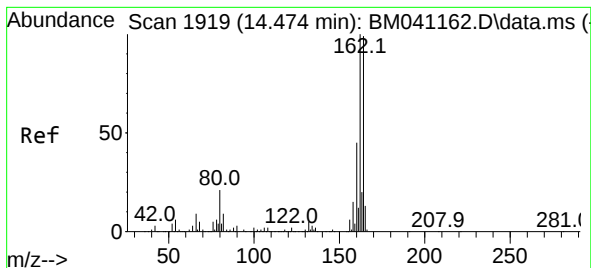
Tgt Ion:142 Resp: 749378
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1
115 38.3 29.3 43.9



#38
1-Methylnaphthalene
Concen: 35.768 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:142 Resp: 720826
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 4.2 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: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

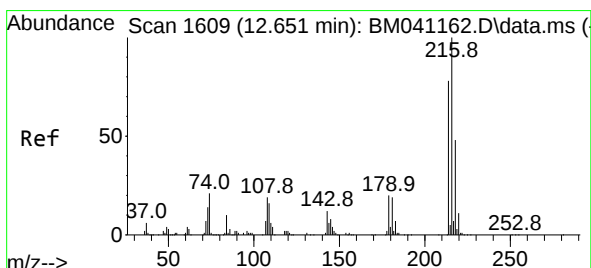
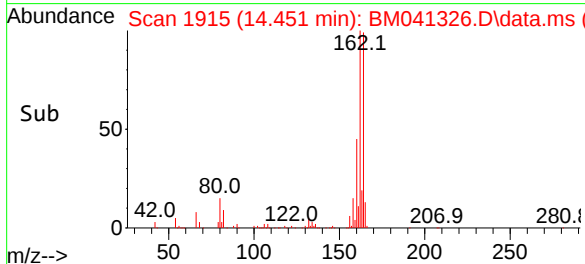
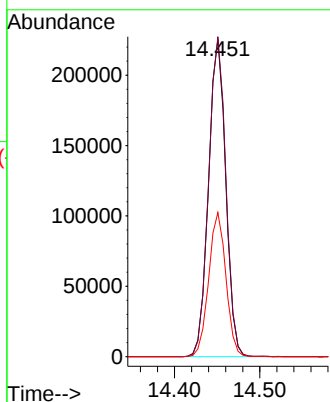
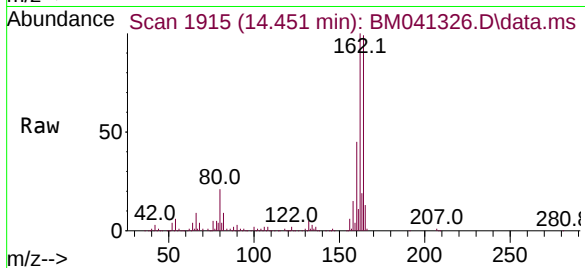
Tgt Ion:164 Resp: 315663

Ion Ratio Lower Upper

164 100

162 100.8 80.4 120.6

160 45.4 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.040 ng

RT: 12.627 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Tgt Ion:216 Resp: 420653

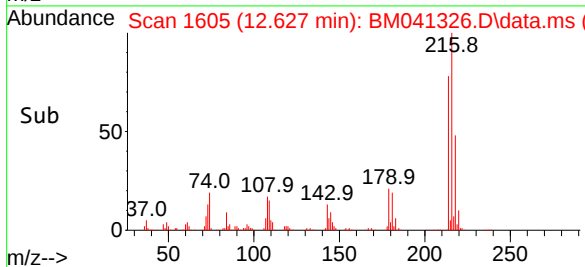
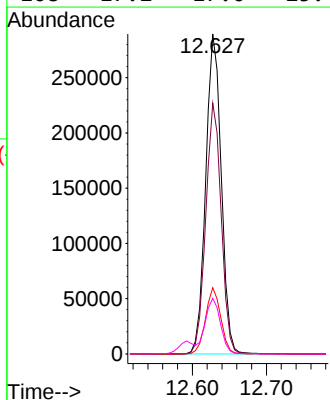
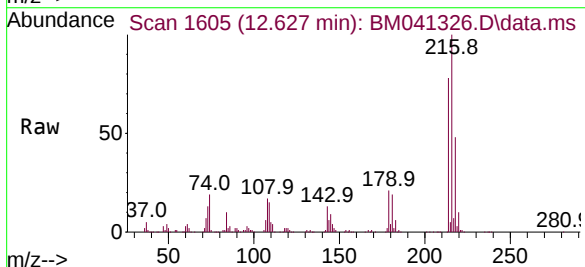
Ion Ratio Lower Upper

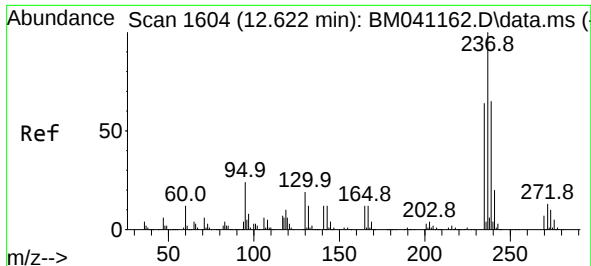
216 100

214 78.0 63.2 94.8

179 20.2 16.2 24.2

108 17.2 17.0 25.4

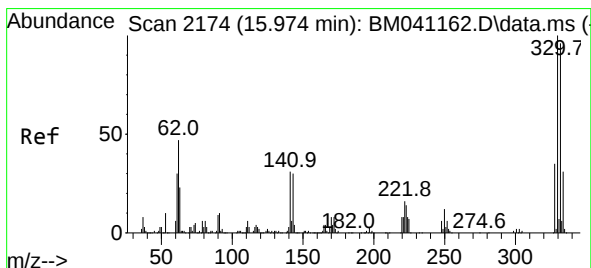
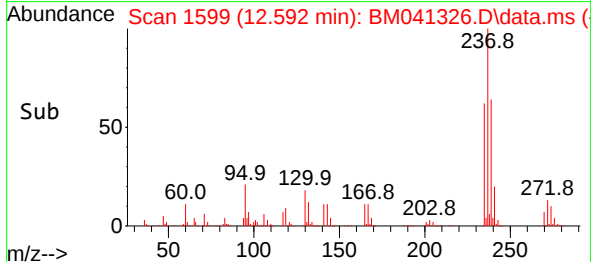
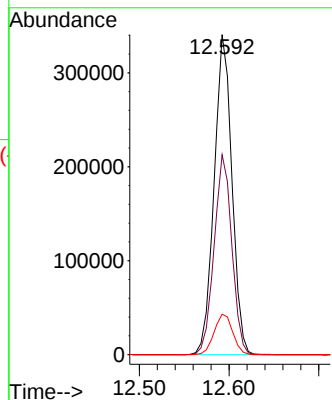
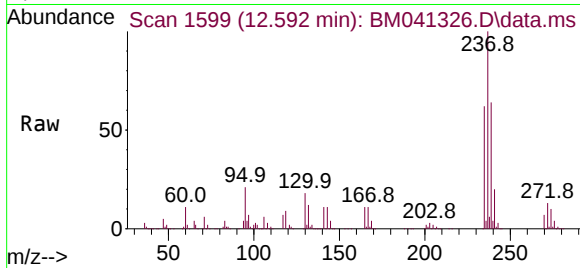




#41
Hexachlorocyclopentadiene
Concen: 86.329 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

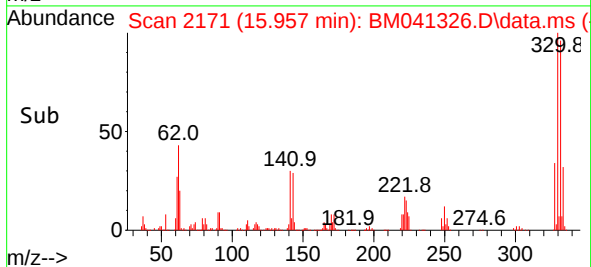
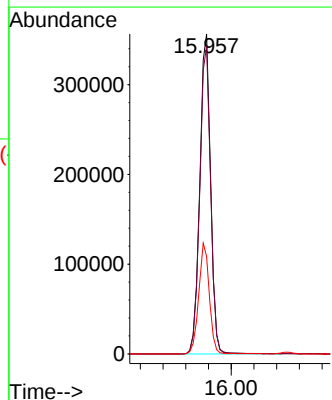
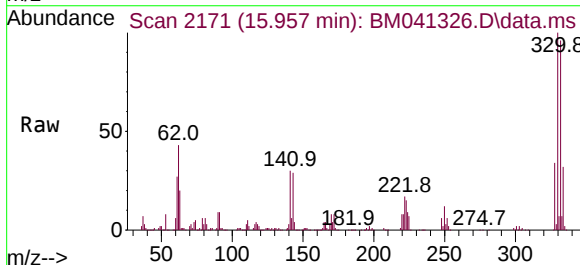
Instrument :
BNA_M
ClientSampleId :
PB154641BS

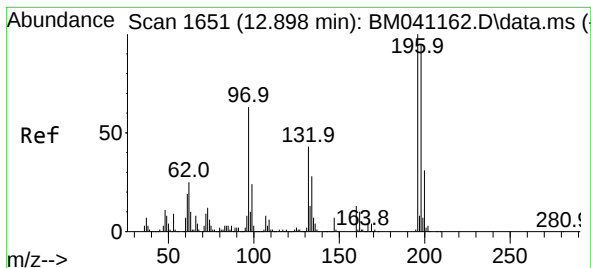
Tgt Ion:237 Resp: 468138
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 12.6 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 104.535 ng
RT: 15.957 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:330 Resp: 466739
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.9 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.297 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

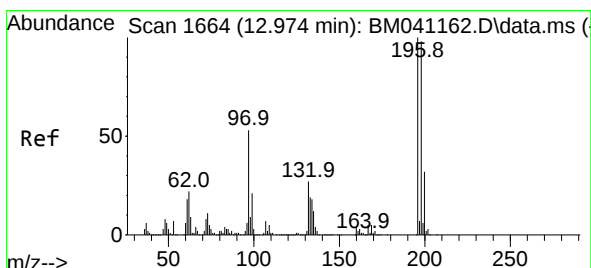
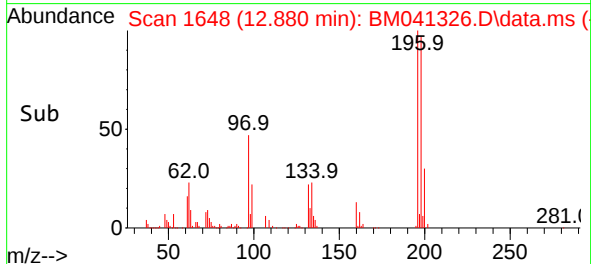
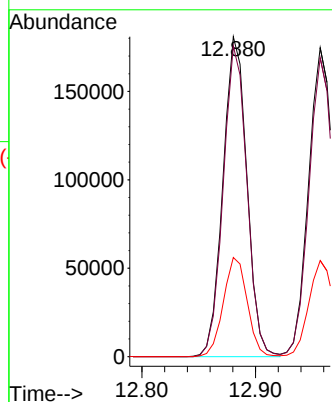
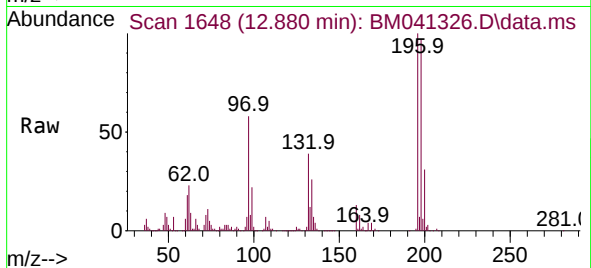
Tgt Ion:196 Resp: 264733

Ion Ratio Lower Upper

196 100

198 97.1 76.2 114.4

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 37.087 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Tgt Ion:196 Resp: 282007

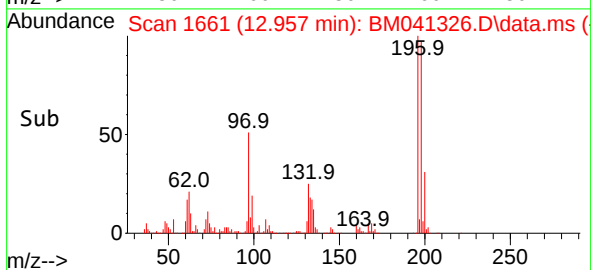
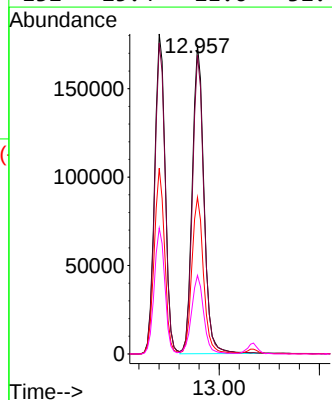
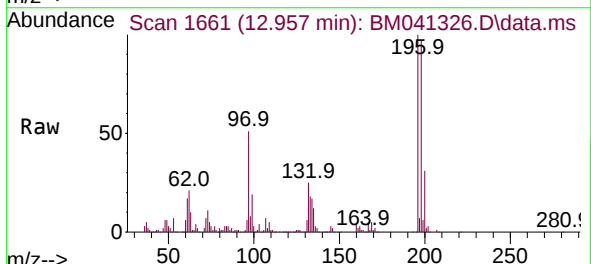
Ion Ratio Lower Upper

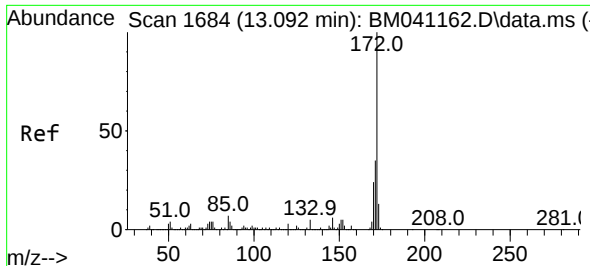
196 100

198 96.7 78.2 117.4

97 50.7 42.7 64.1

132 25.4 21.6 32.4

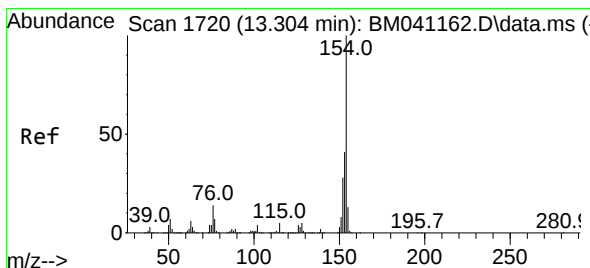
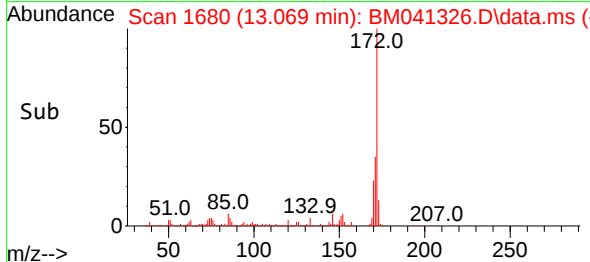
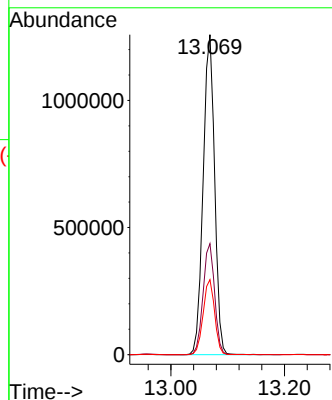
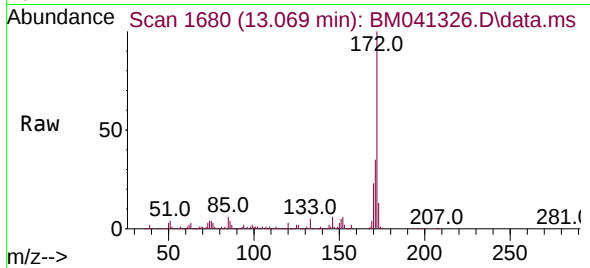




#45
2-Fluorobiphenyl
Concen: 70.577 ng
RT: 13.069 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

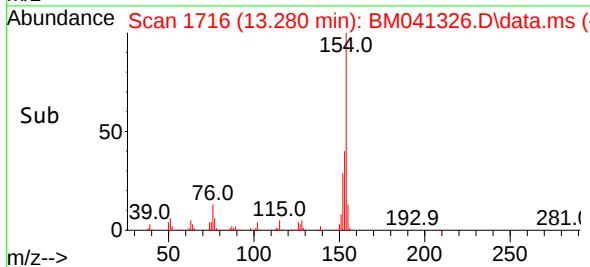
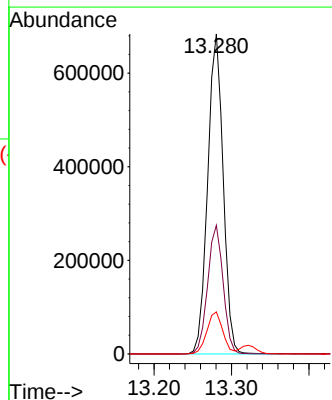
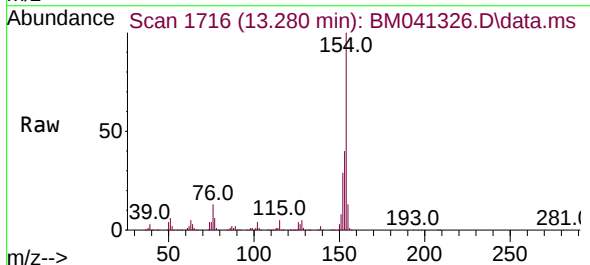
Instrument :
BNA_M
ClientSampleId :
PB154641BS

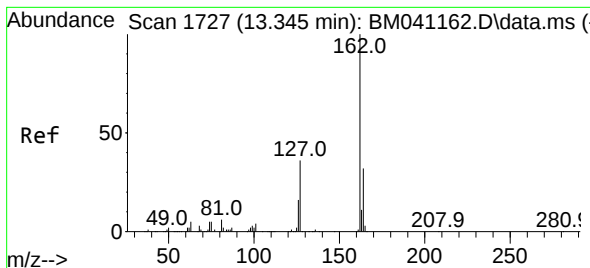
Tgt Ion:172 Resp: 1763592
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.019 ng
RT: 13.280 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:154 Resp: 947321
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.1 0.0 34.1

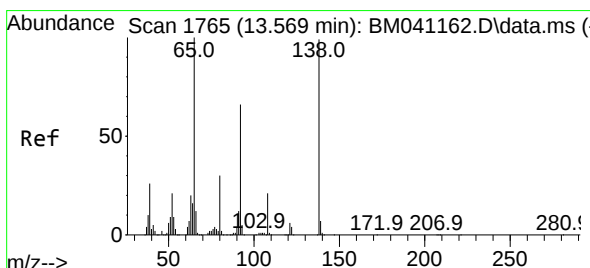
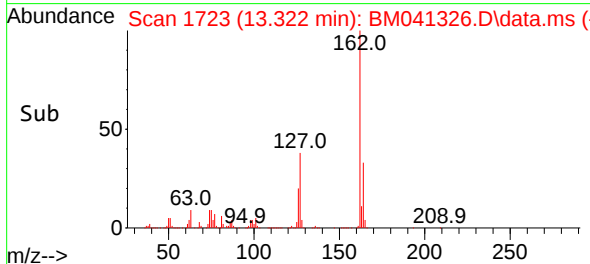
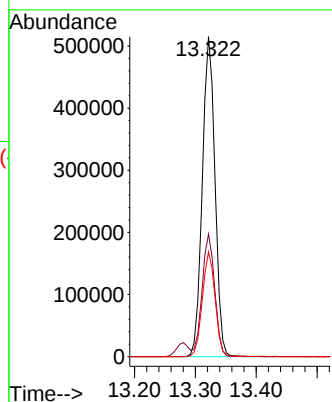
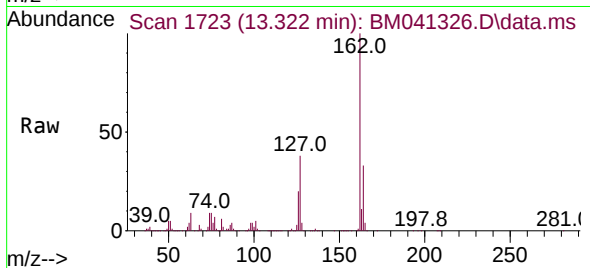




#47
2-Chloronaphthalene
Concen: 38.891 ng
RT: 13.322 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

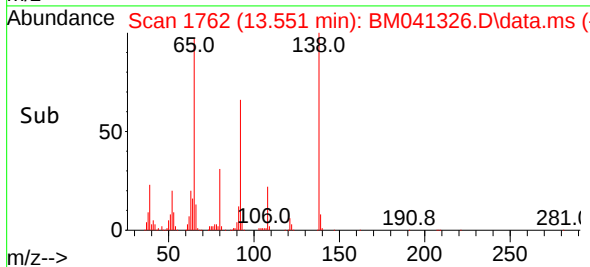
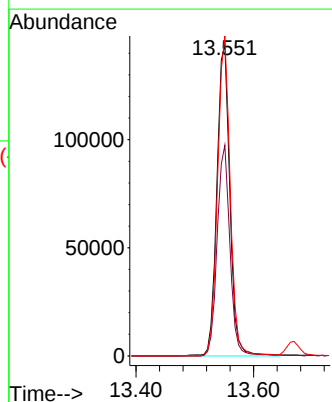
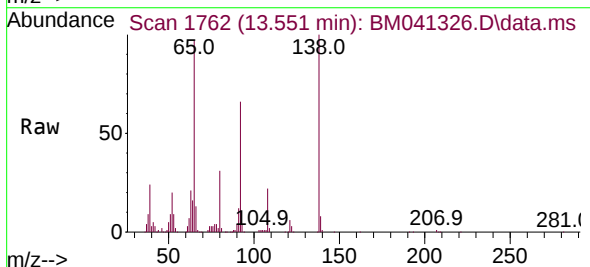
Instrument :
BNA_M
ClientSampleId :
PB154641BS

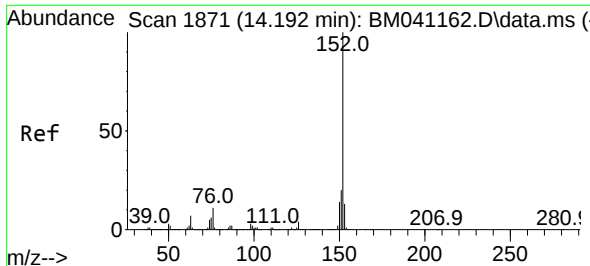
Tgt Ion:162 Resp: 743122
Ion Ratio Lower Upper
162 100
127 38.3 30.6 45.8
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 36.104 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion: 65 Resp: 220201
Ion Ratio Lower Upper
65 100
92 67.7 53.0 79.4
138 102.8 79.1 118.7

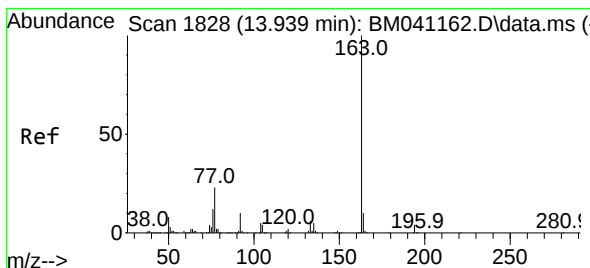
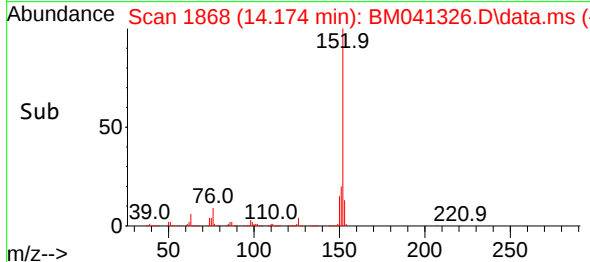
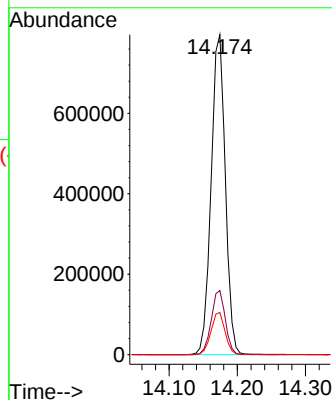
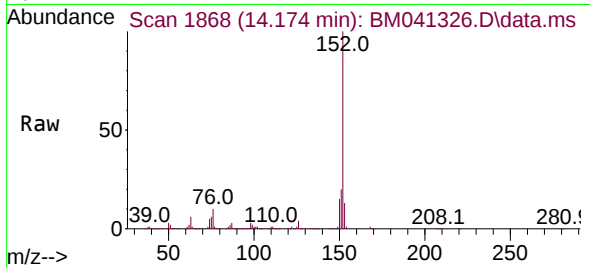




#49
Acenaphthylene
Concen: 37.301 ng
RT: 14.174 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

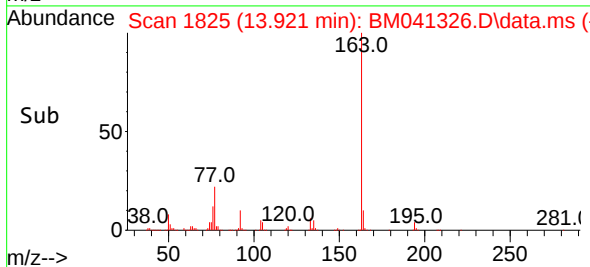
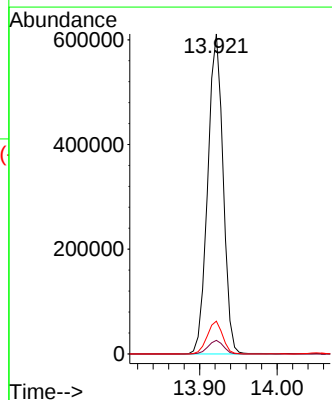
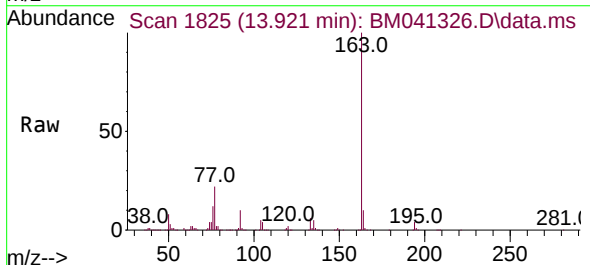
Instrument :
BNA_M
ClientSampleId :
PB154641BS

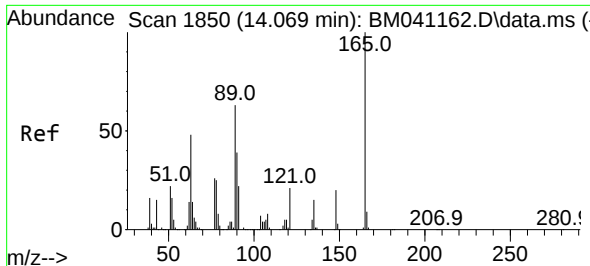
Tgt Ion:152 Resp: 1150422
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 35.357 ng
RT: 13.921 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:163 Resp: 839550
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: 37.554 ng

RT: 14.051 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

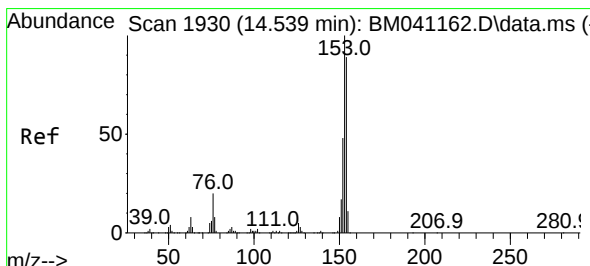
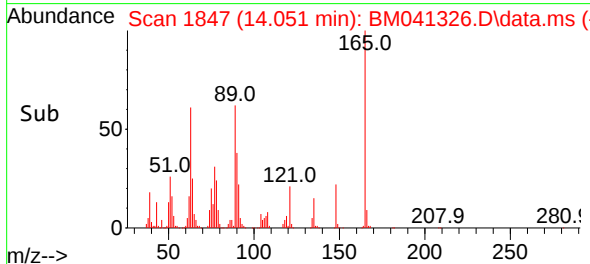
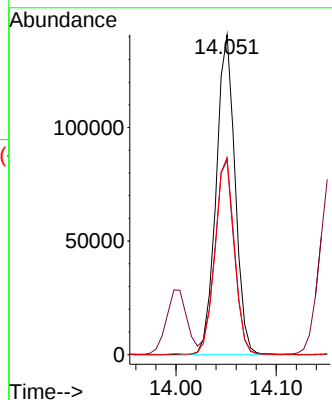
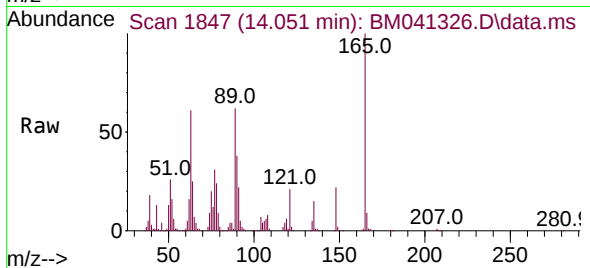
Tgt Ion:165 Resp: 184762

Ion Ratio Lower Upper

165 100

63 60.8 50.9 76.3

89 61.6 50.6 76.0



#52

Acenaphthene

Concen: 35.474 ng

RT: 14.516 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

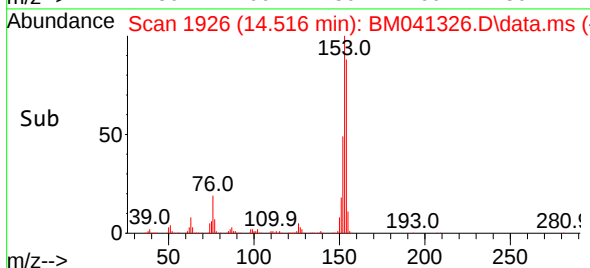
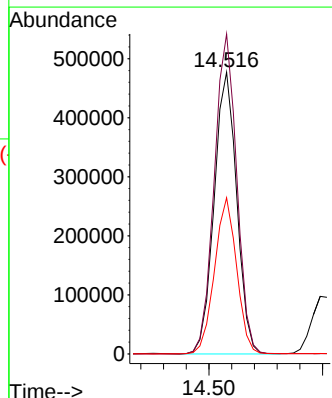
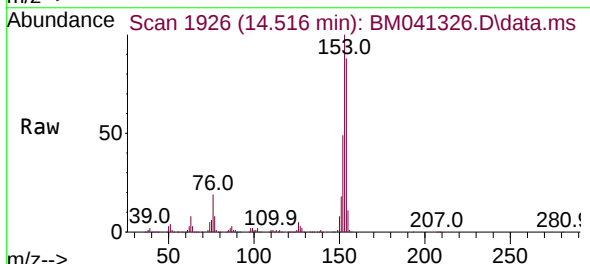
Tgt Ion:154 Resp: 659086

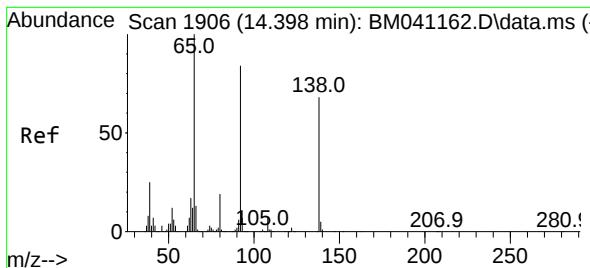
Ion Ratio Lower Upper

154 100

153 113.6 90.2 135.4

152 55.4 43.4 65.0

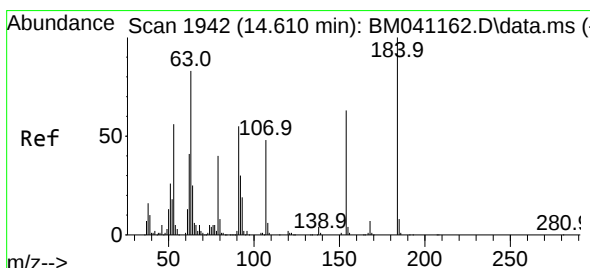
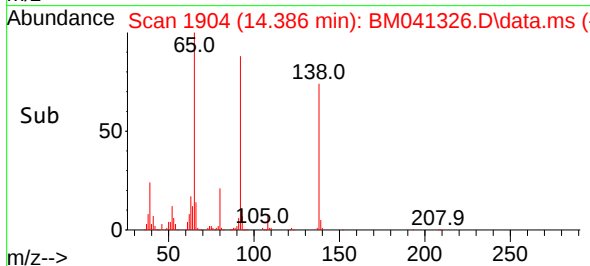
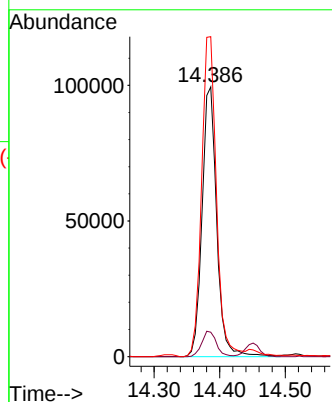
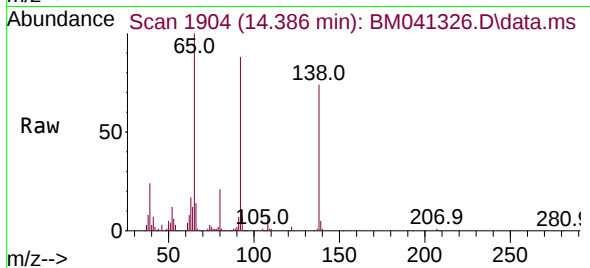




#53
3-Nitroaniline
Concen: 28.087 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

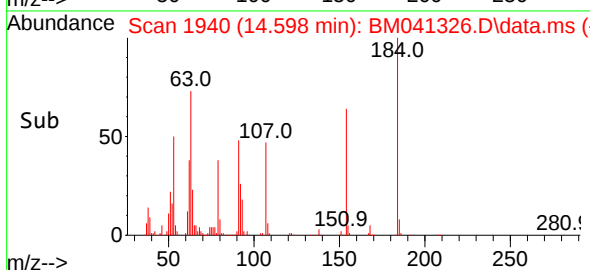
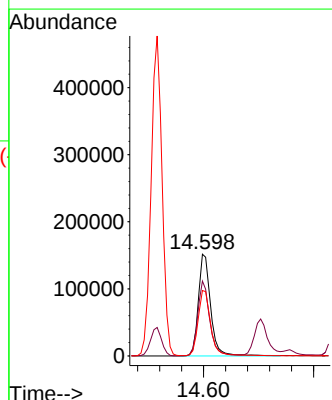
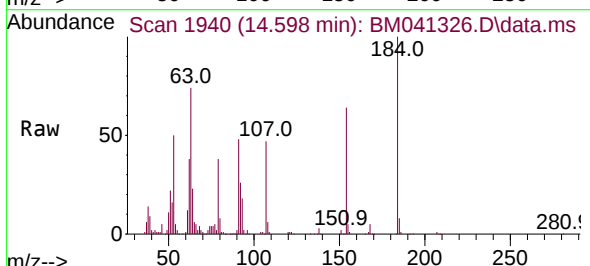
Instrument :
BNA_M
ClientSampleId :
PB154641BS

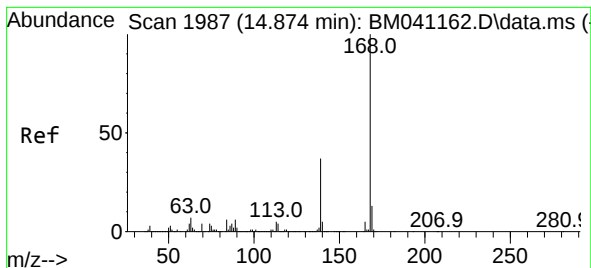
Tgt Ion:138 Resp: 153470
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 118.6 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 71.345 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:184 Resp: 234774
Ion Ratio Lower Upper
184 100
63 73.6 66.5 99.7
154 64.3 52.8 79.2

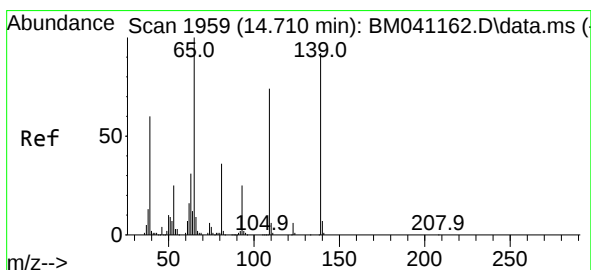
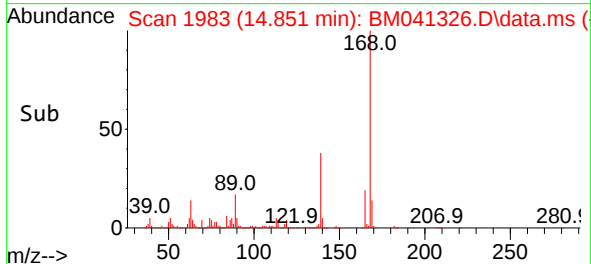
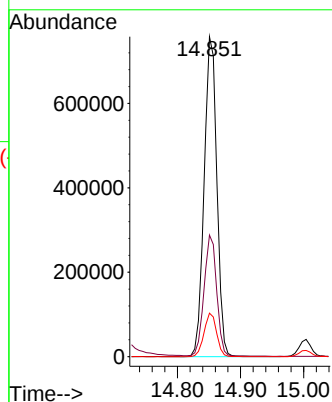
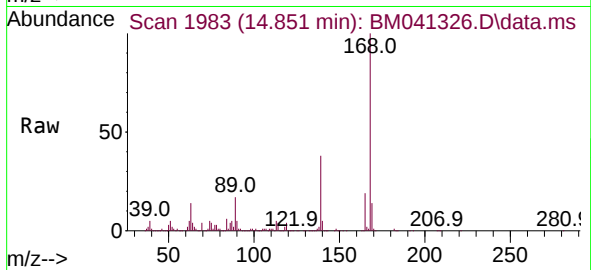




#55
 Dibenzenofuran
 Concen: 34.915 ng
 RT: 14.851 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

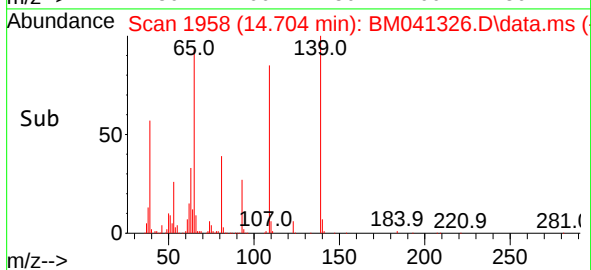
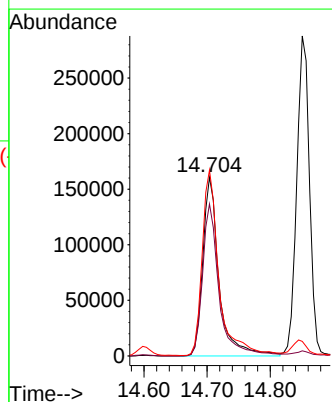
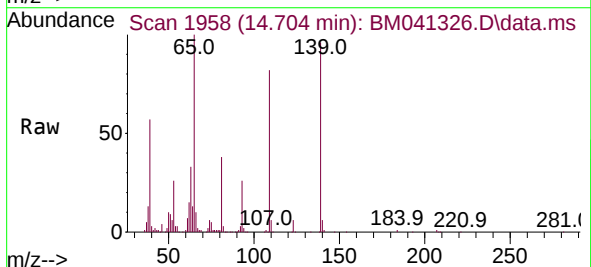
Instrument :
 BNA_M
 ClientSampleId :
 PB154641BS

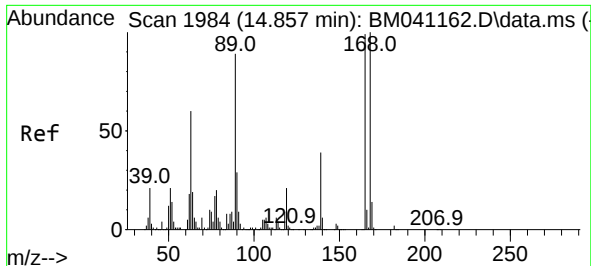
Tgt Ion:168 Resp: 1058409
 Ion Ratio Lower Upper
 168 100
 139 38.0 29.8 44.6
 169 13.6 10.5 15.7



#56
 4-Nitrophenol
 Concen: 70.176 ng
 RT: 14.704 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BM041326.D
 Acq: 08 Aug 2023 12:01

Tgt Ion:139 Resp: 287748
 Ion Ratio Lower Upper
 139 100
 109 85.0 61.2 101.2
 65 104.0 89.5 129.5

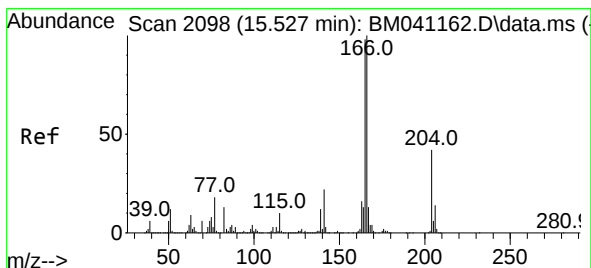
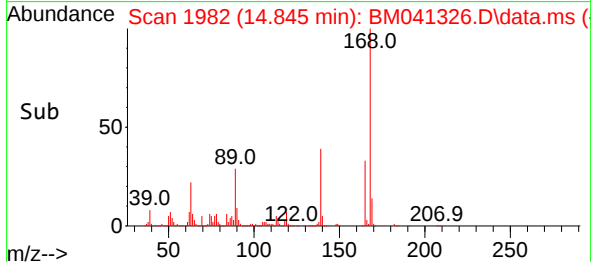
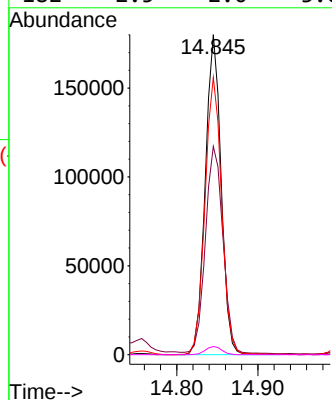
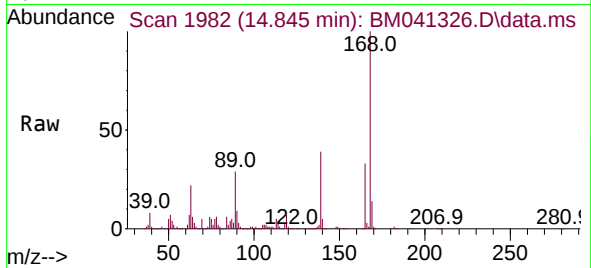




#57
2,4-Dinitrotoluene
Concen: 35.496 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

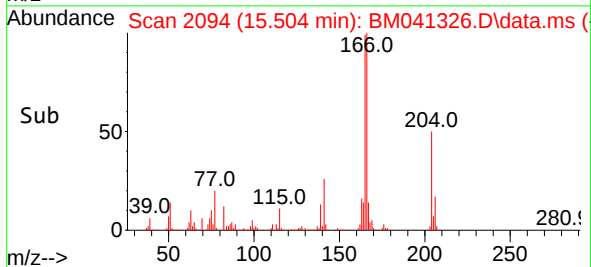
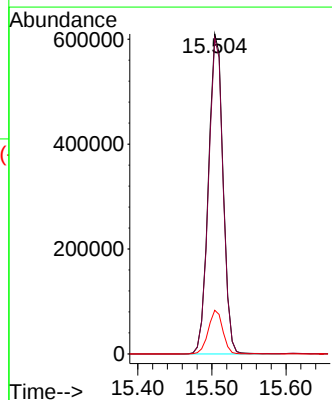
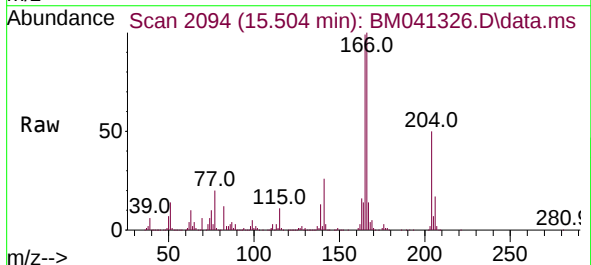
Instrument :
BNA_M
ClientSampleId :
PB154641BS

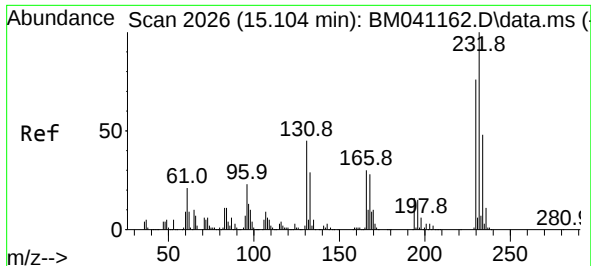
Tgt Ion:165 Resp: 244215
Ion Ratio Lower Upper
165 100
63 65.1 48.3 72.5
89 86.6 71.8 107.8
182 2.5 2.0 3.0



#58
Fluorene
Concen: 34.883 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:166 Resp: 834183
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.4
167 13.6 10.6 16.0

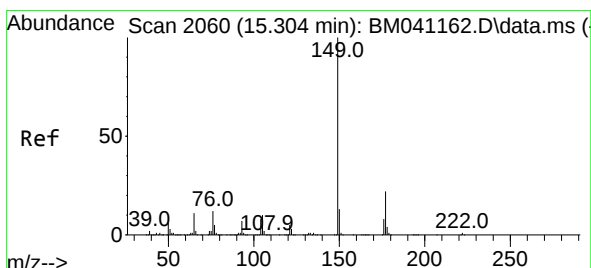
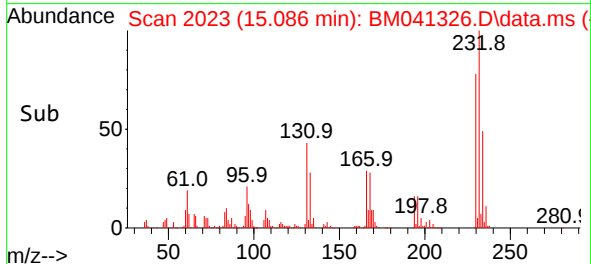
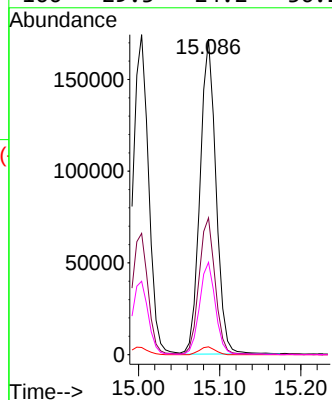
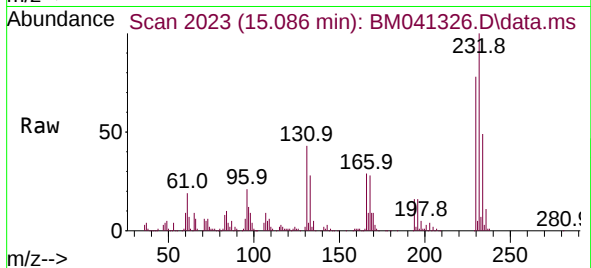




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.067 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

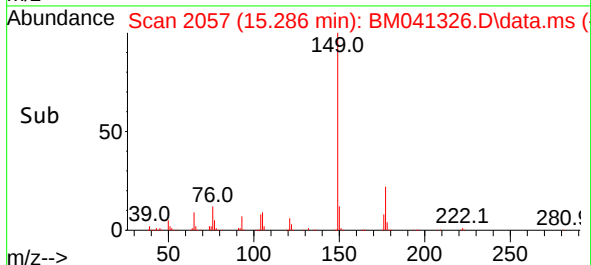
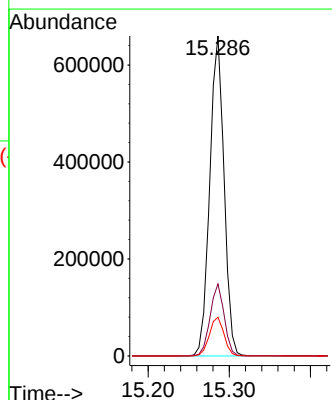
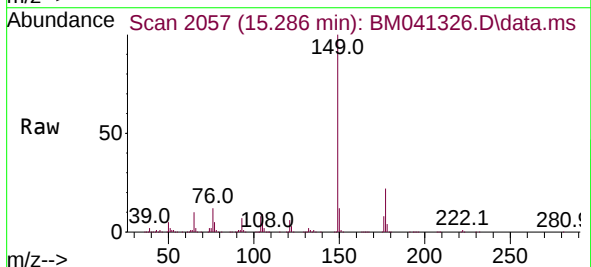
Instrument :
BNA_M
ClientSampleId :
PB154641BS

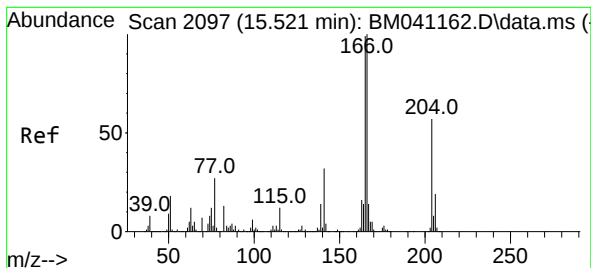
Tgt Ion:232 Resp: 234392
Ion Ratio Lower Upper
232 100
131 43.5 36.9 55.3
130 2.4 2.0 3.0
166 29.3 24.2 36.2



#60
Diethylphthalate
Concen: 35.233 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:149 Resp: 809035
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.1 10.1 15.1

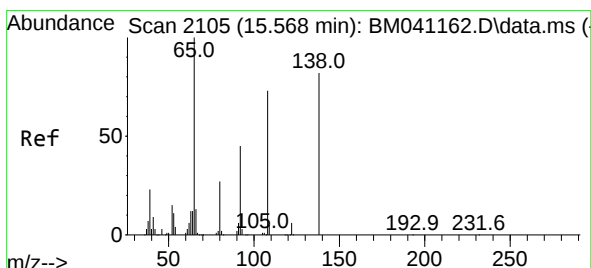
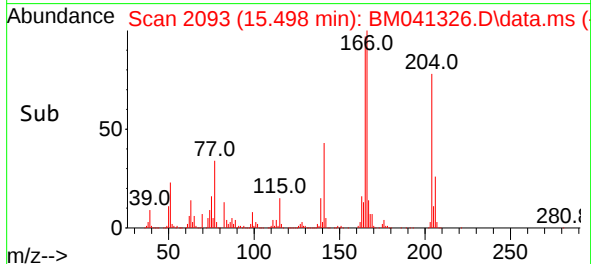
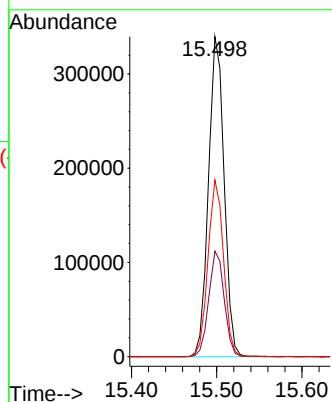
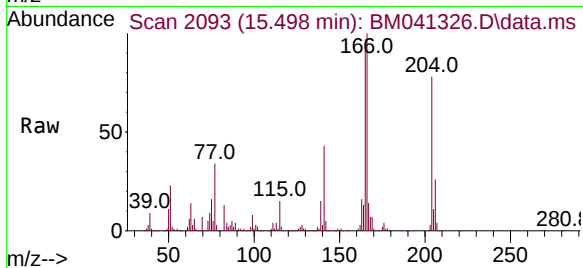




#61
4-Chlorophenyl-phenylether
Concen: 36.086 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

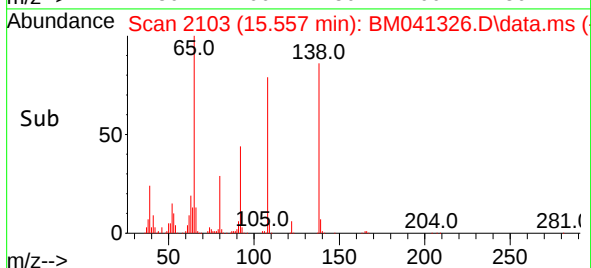
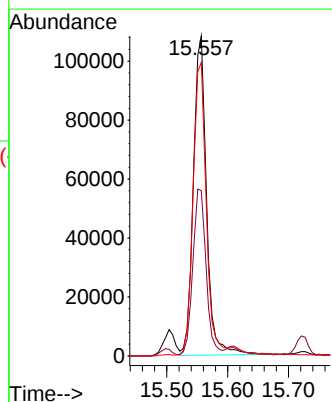
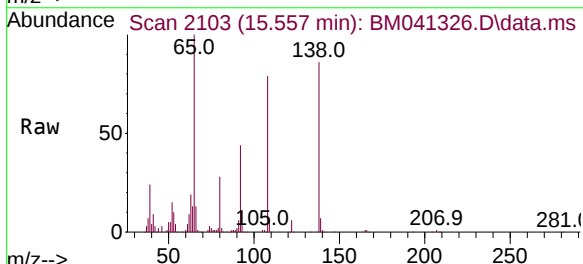
Instrument :
BNA_M
ClientSampleId :
PB154641BS

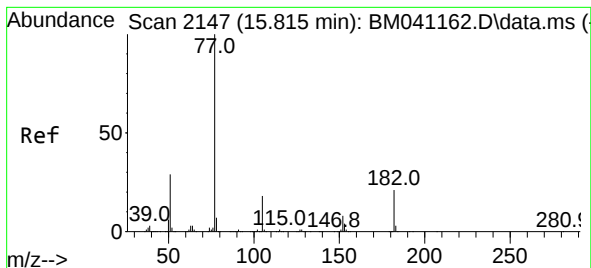
Tgt Ion:204 Resp: 432442
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 55.2 44.8 67.2



#62
4-Nitroaniline
Concen: 32.589 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:138 Resp: 163361
Ion Ratio Lower Upper
138 100
92 51.6 35.1 75.1
108 91.7 67.8 107.8





#63

Azobenzene

Concen: 33.794 ng

RT: 15.798 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

Tgt Ion: 77 Resp: 850007

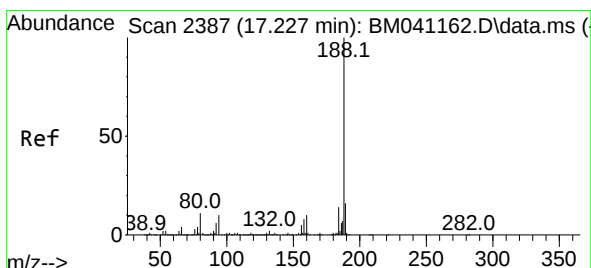
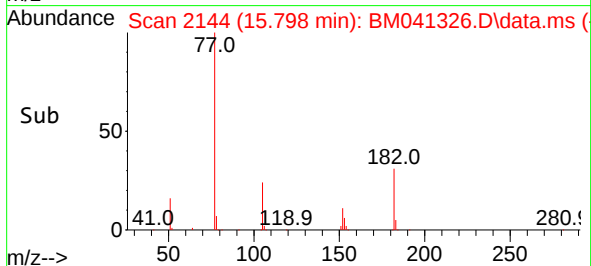
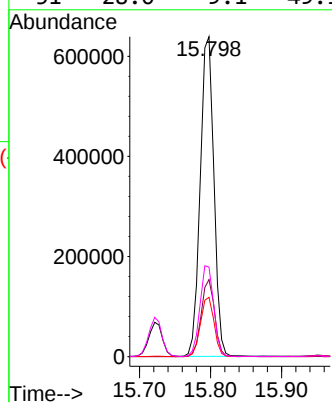
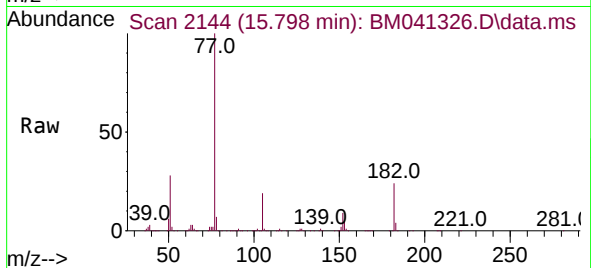
Ion Ratio Lower Upper

77 100

182 24.1 1.3 41.3

105 18.5 0.0 38.5

51 28.0 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: BM041326.D

Acq: 08 Aug 2023 12:01

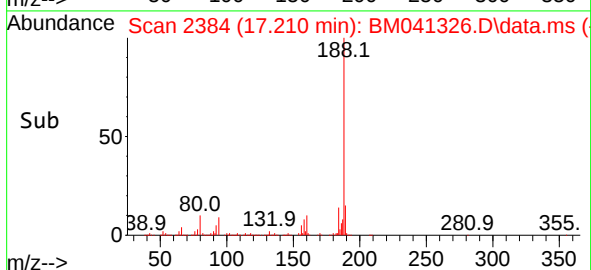
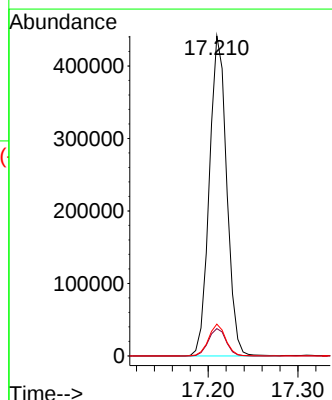
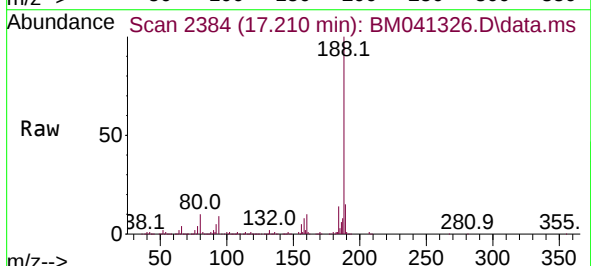
Tgt Ion:188 Resp: 596558

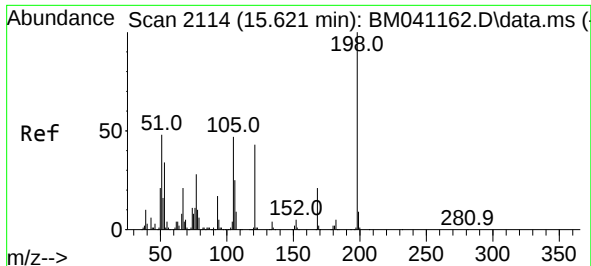
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.9 8.6 13.0

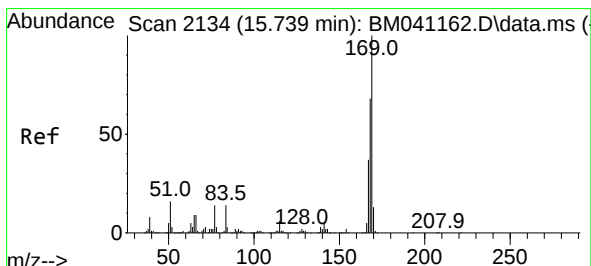
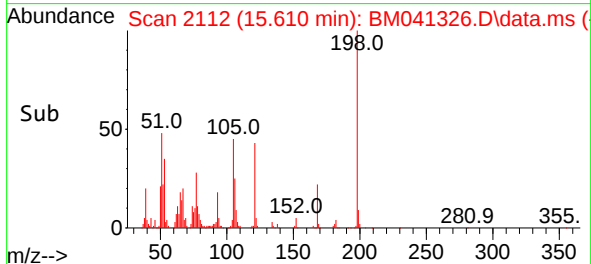
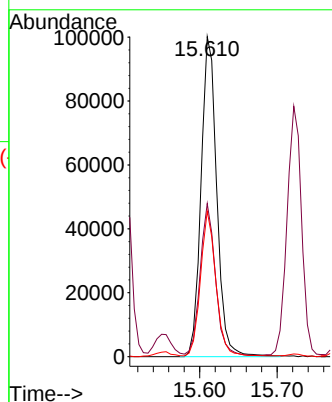
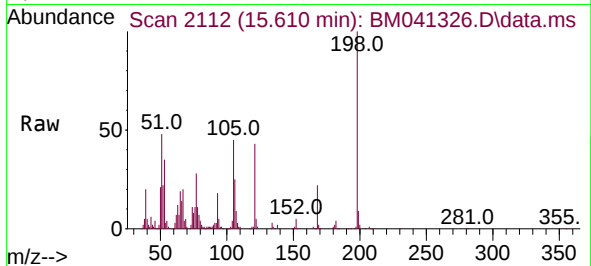




#65
4,6-Dinitro-2-methylphenol
Concen: 39.051 ng
RT: 15.610 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

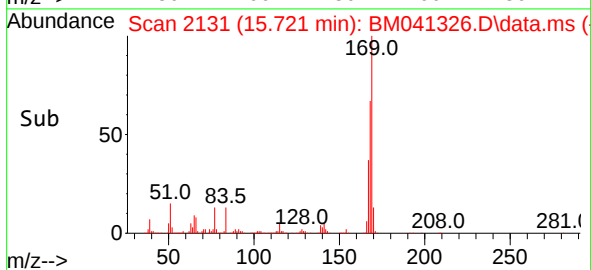
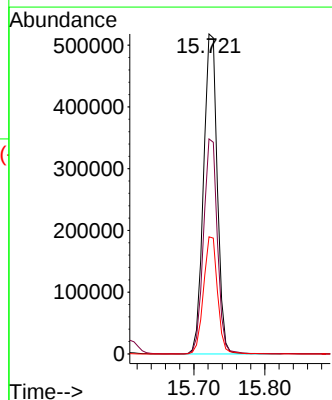
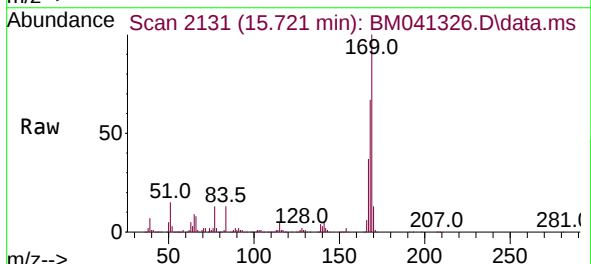
Instrument :
BNA_M
ClientSampleId :
PB154641BS

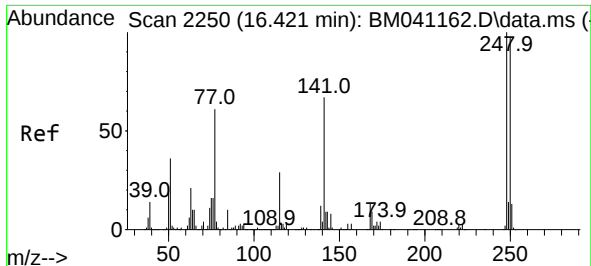
Tgt Ion:198 Resp: 141127
Ion Ratio Lower Upper
198 100
51 47.8 31.7 71.7
105 45.5 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 37.333 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:169 Resp: 692651
Ion Ratio Lower Upper
169 100
168 67.2 54.6 81.8
167 36.6 29.9 44.9

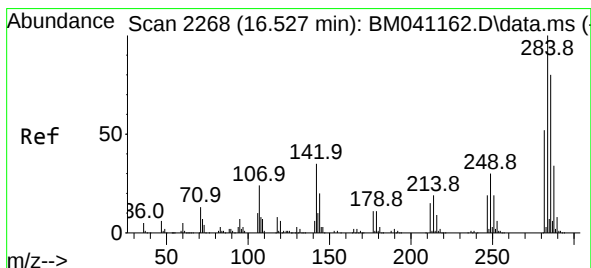
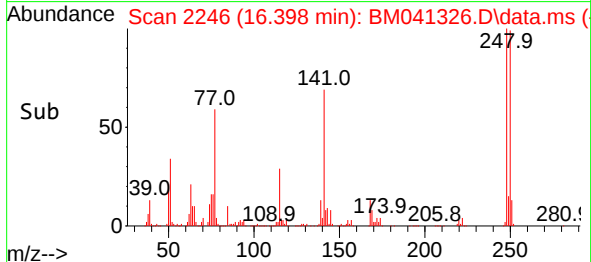
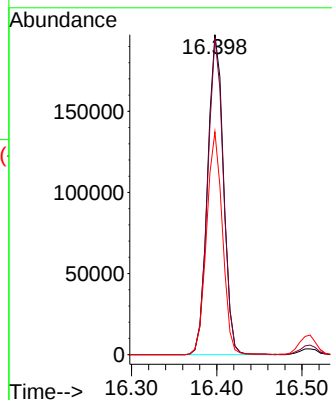
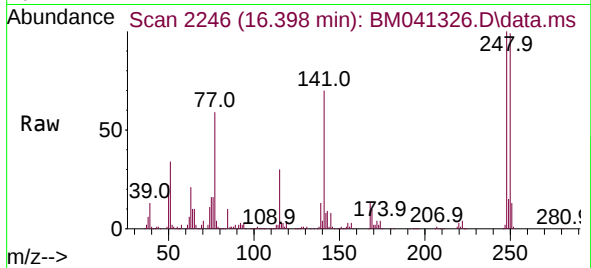




#67
4-Bromophenyl-phenylether
Concen: 39.197 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

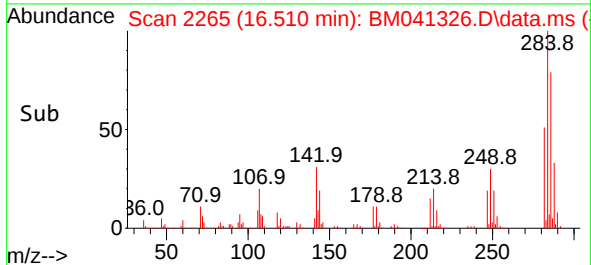
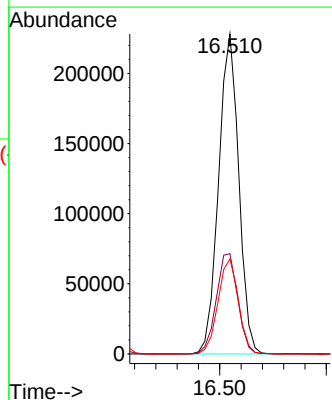
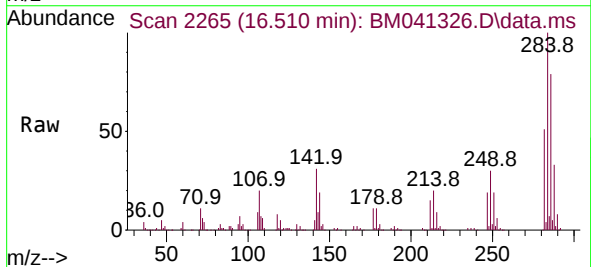
Instrument :
BNA_M
ClientSampleId :
PB154641BS

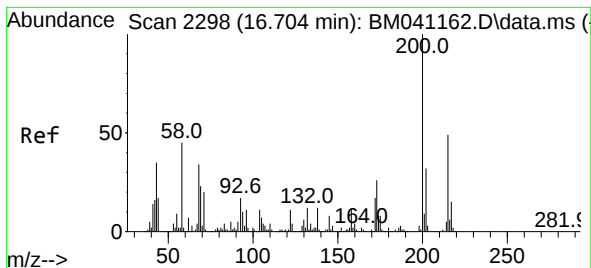
Tgt Ion:248 Resp: 256380
Ion Ratio Lower Upper
248 100
250 99.1 78.0 117.0
141 69.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 41.256 ng
RT: 16.510 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:284 Resp: 300058
Ion Ratio Lower Upper
284 100
142 31.3 28.0 42.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 48.221 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

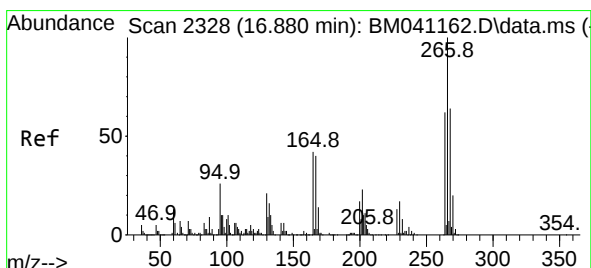
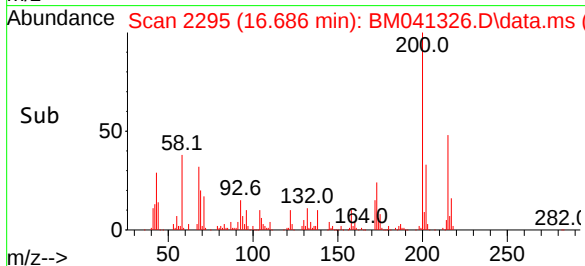
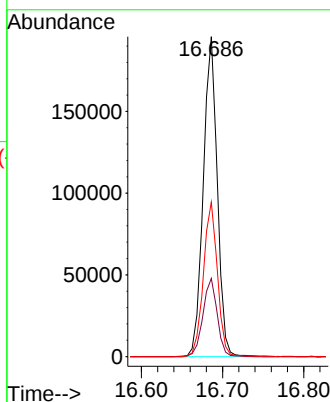
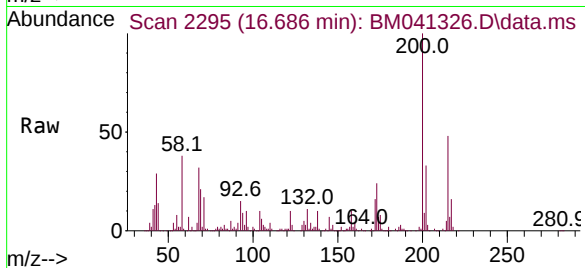
Tgt Ion:200 Resp: 234952

Ion Ratio Lower Upper

200 100

173 24.4 5.6 45.6

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 65.742 ng

RT: 16.862 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

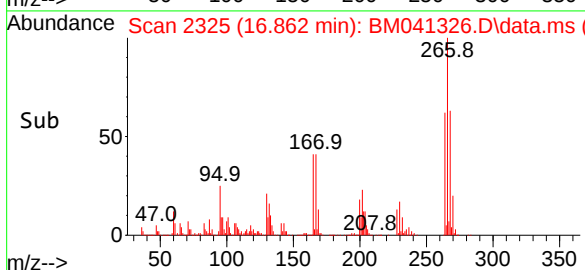
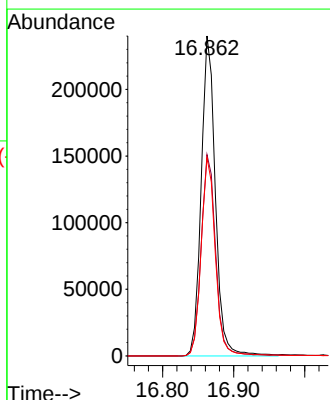
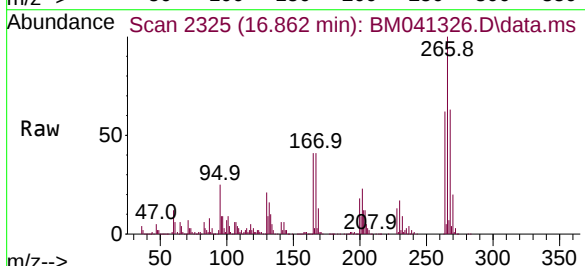
Tgt Ion:266 Resp: 331098

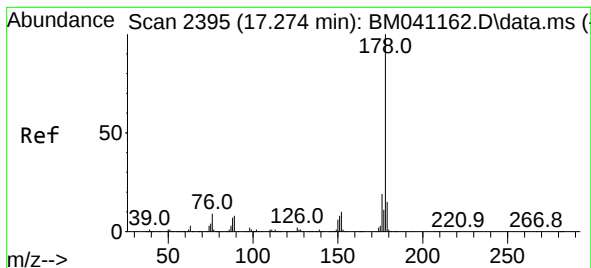
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 62.0 49.4 74.2





#71

Phenanthrene

Concen: 36.234 ng

RT: 17.257 min Scan# 2407

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

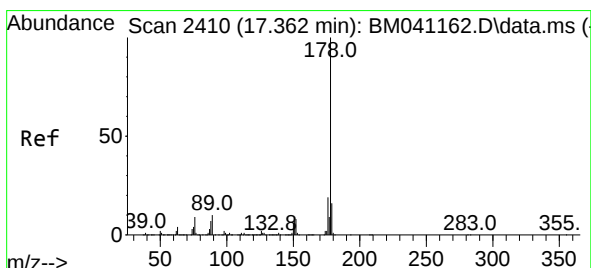
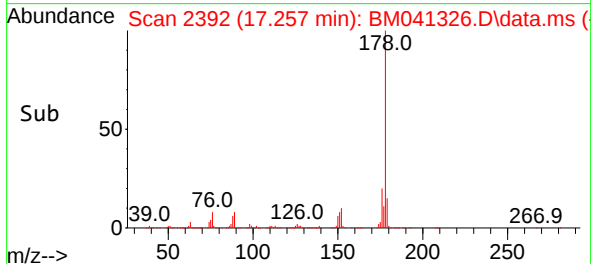
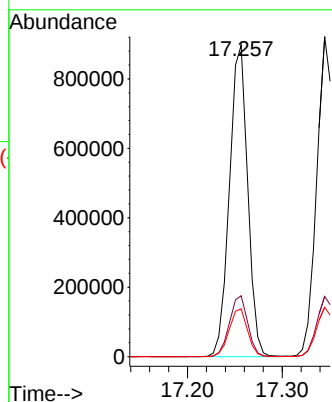
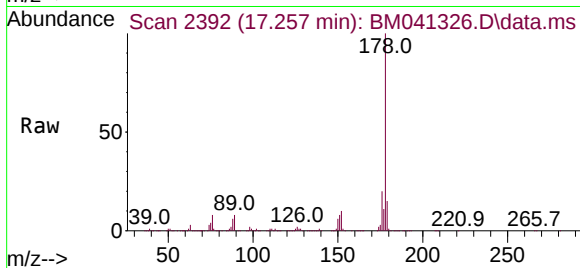
Tgt Ion:178 Resp: 1200965

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 37.103 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

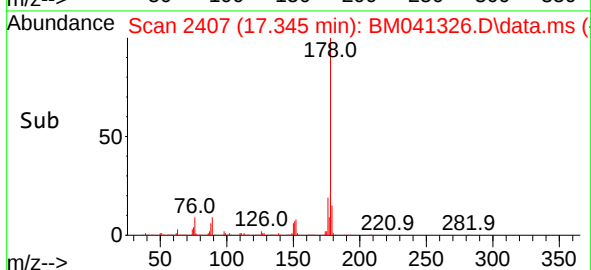
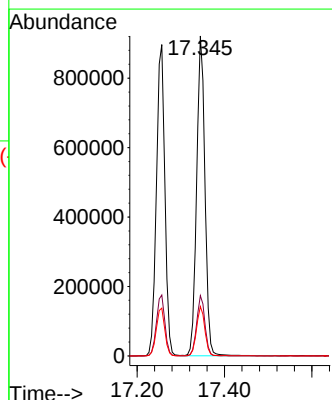
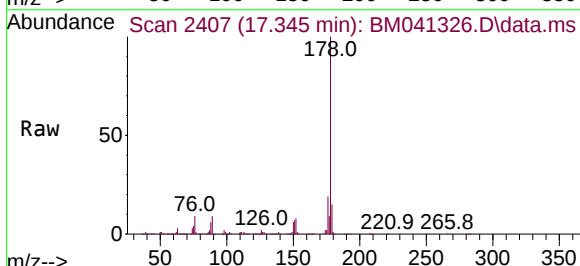
Tgt Ion:178 Resp: 1216279

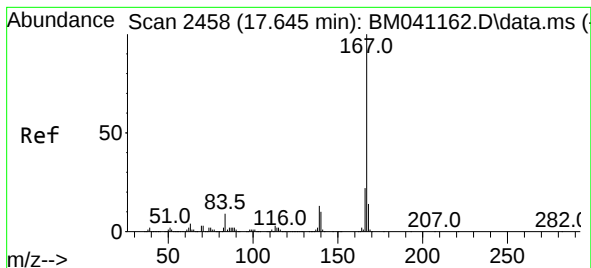
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.4 12.4 18.6





#73

Carbazole

Concen: 36.244 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

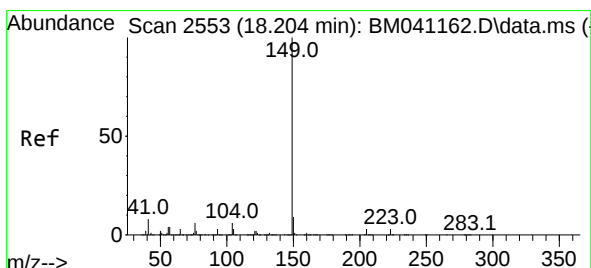
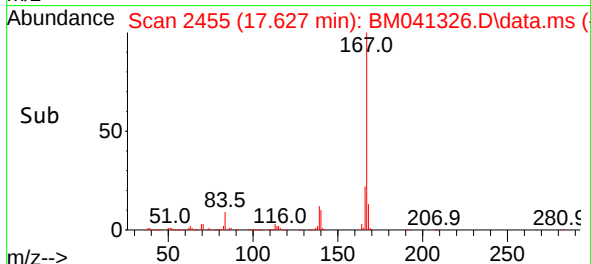
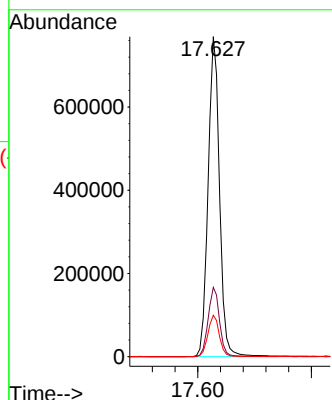
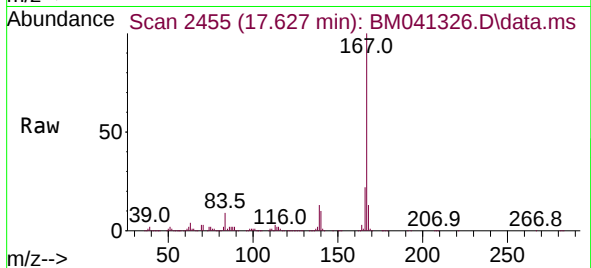
Tgt Ion:167 Resp: 1075366

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 38.398 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

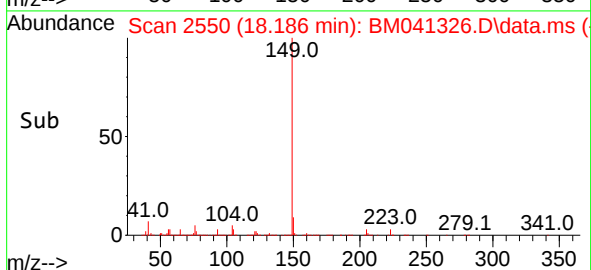
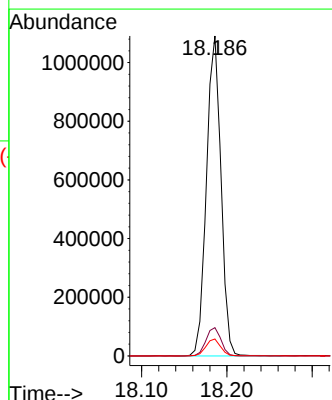
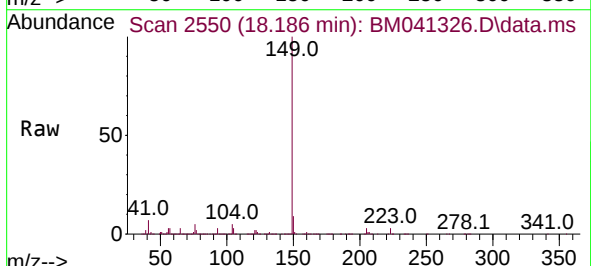
Tgt Ion:149 Resp: 1287405

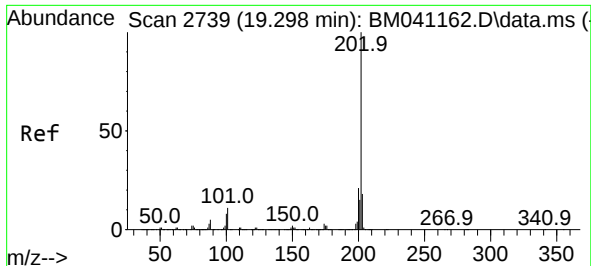
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.3 4.5 6.7

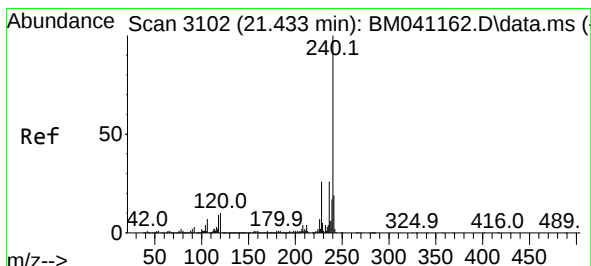
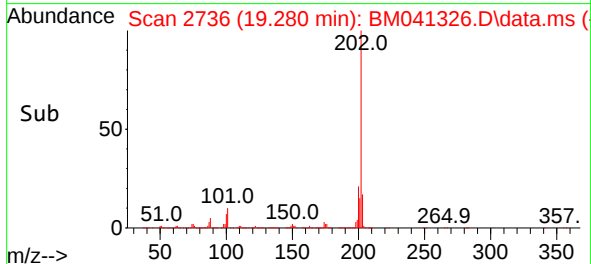
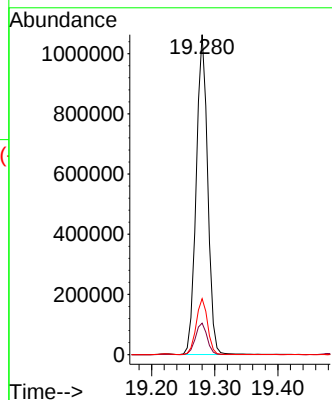
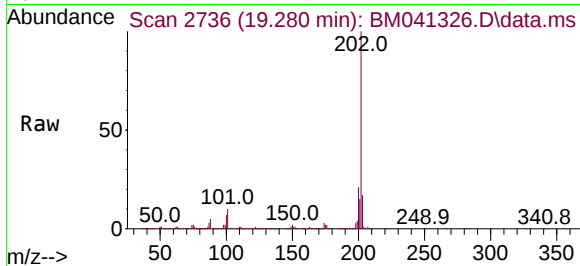




#75
Fluoranthene
Concen: 36.074 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

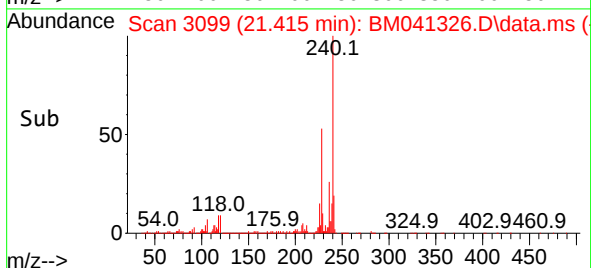
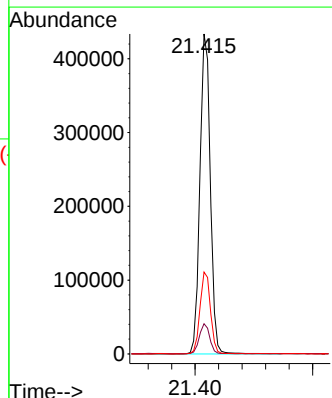
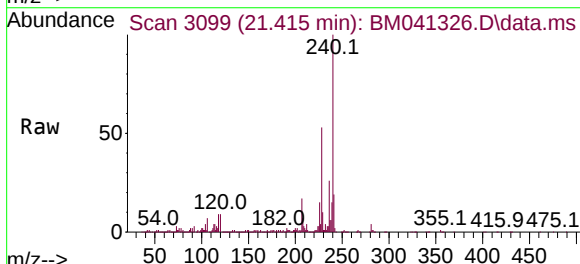
Instrument :
BNA_M
ClientSampleId :
PB154641BS

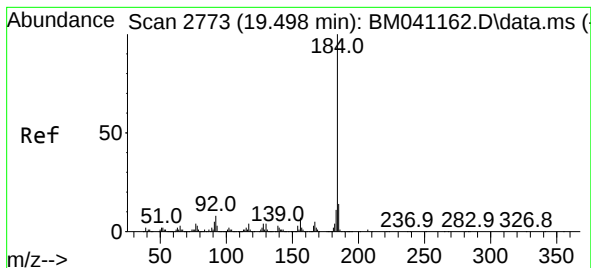
Tgt Ion:202 Resp: 1343328
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:240 Resp: 530277
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.6 20.6 30.8





#77

Benzidine

Concen: 90.945 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

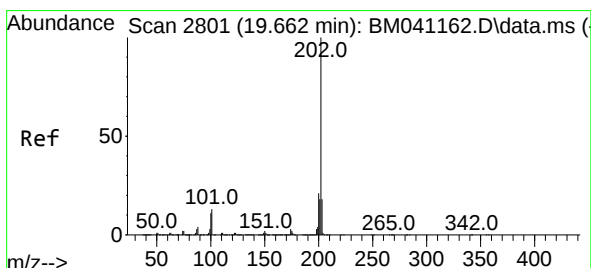
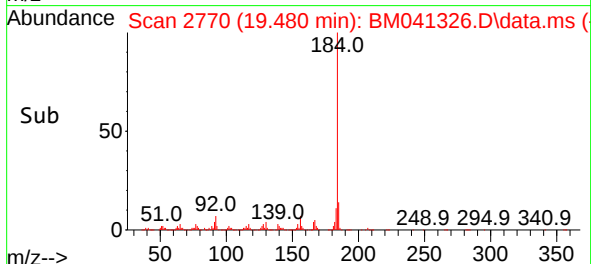
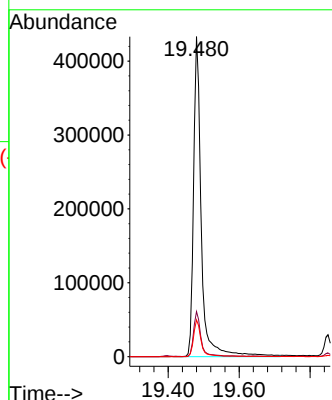
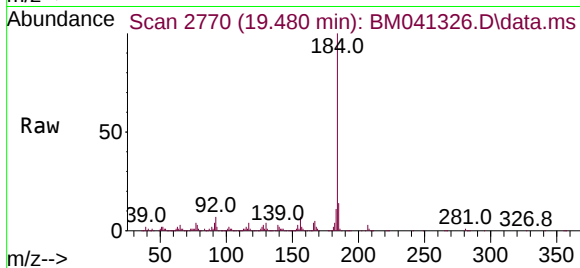
Tgt Ion:184 Resp: 657315

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.5 9.2 13.8



#78

Pyrene

Concen: 37.728 ng

RT: 19.645 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

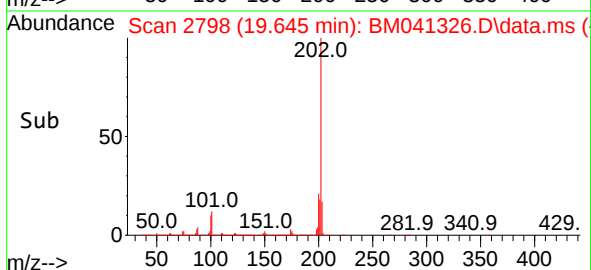
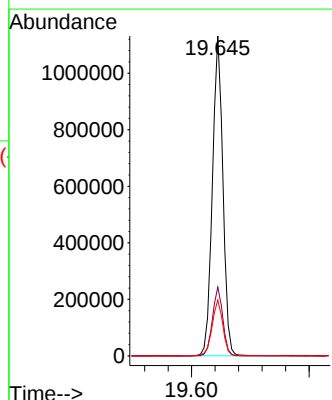
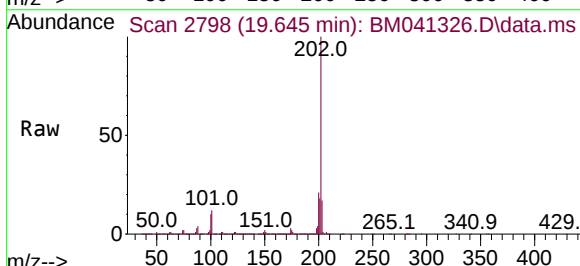
Tgt Ion:202 Resp: 1399071

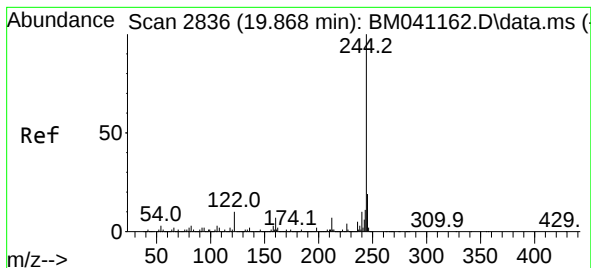
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 75.445 ng

RT: 19.851 min Scan# 2833

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

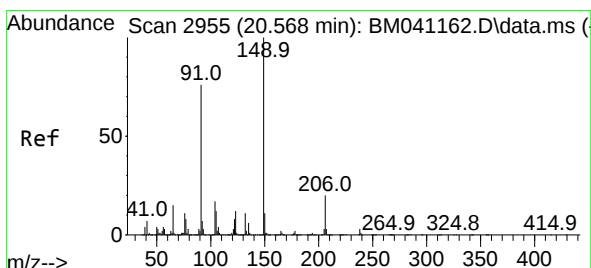
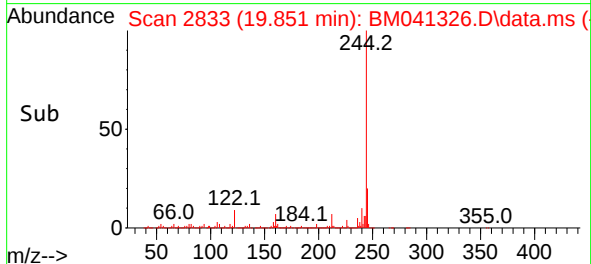
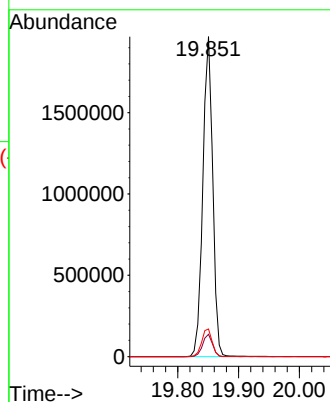
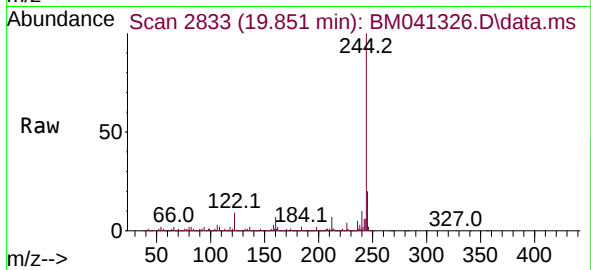
Tgt Ion:244 Resp: 2212700

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.6 7.8 11.6



#80

Butylbenzylphthalate

Concen: 40.270 ng

RT: 20.550 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

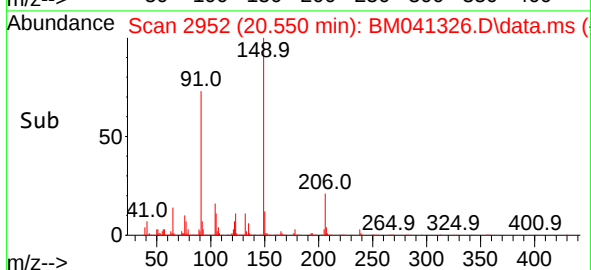
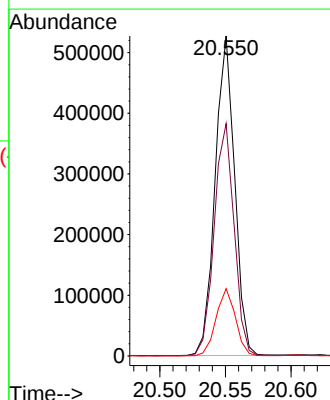
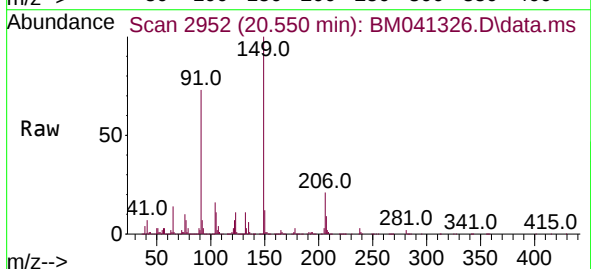
Tgt Ion:149 Resp: 545341

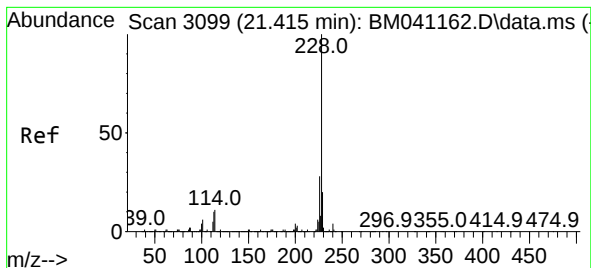
Ion Ratio Lower Upper

149 100

91 72.6 60.8 91.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.975 ng

RT: 21.403 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

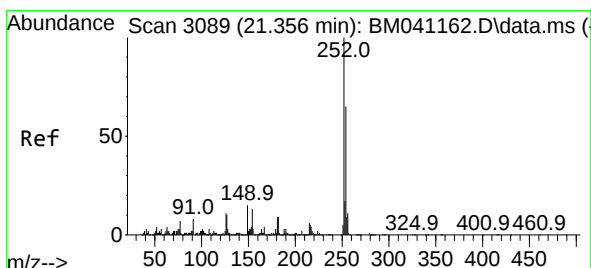
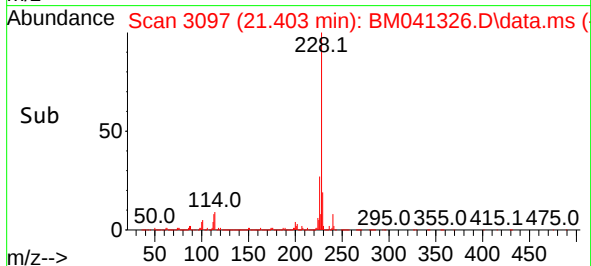
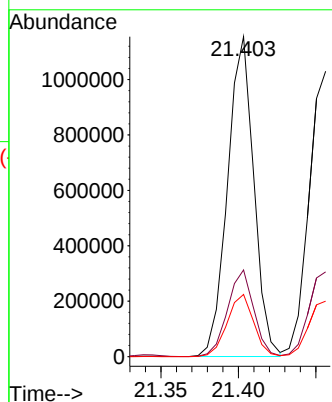
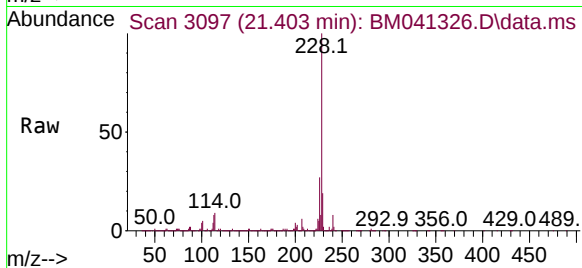
Tgt Ion:228 Resp: 1365158

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.128 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

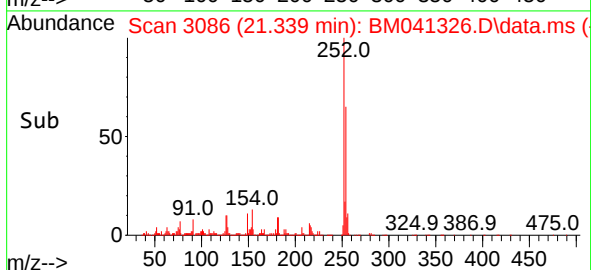
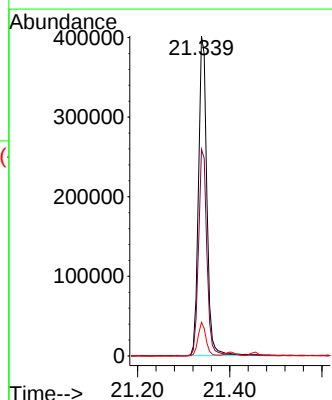
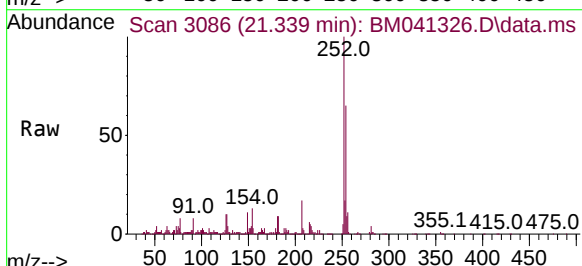
Tgt Ion:252 Resp: 505911

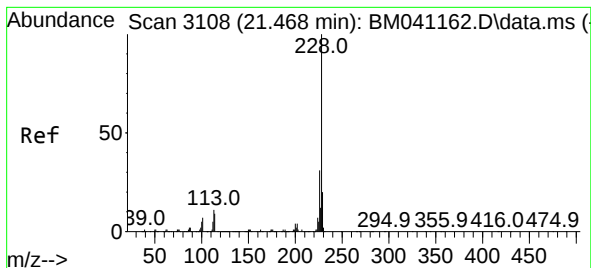
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.5 8.6 13.0





#83

Chrysene

Concen: 36.439 ng

RT: 21.456 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

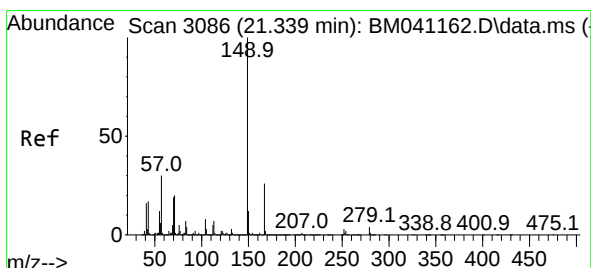
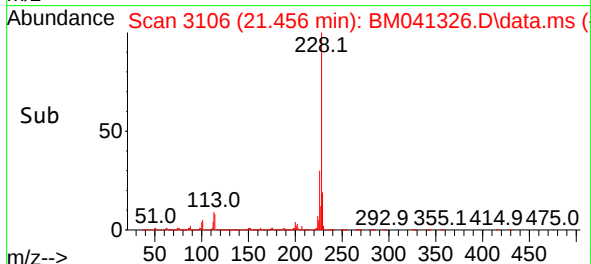
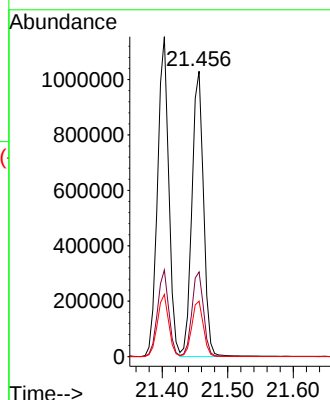
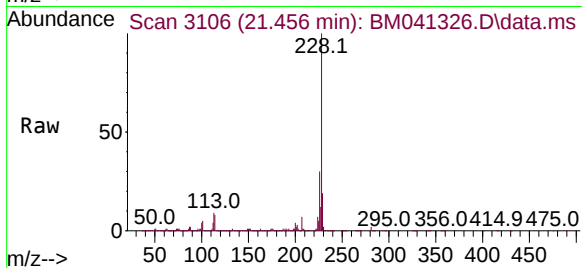
Tgt Ion:228 Resp: 1267000

Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.180 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

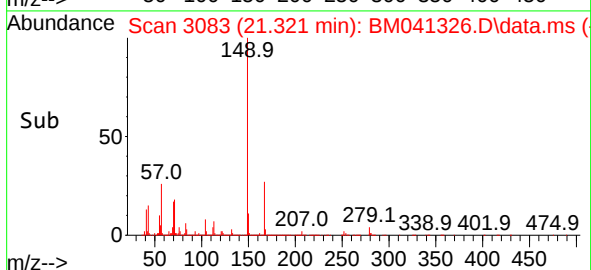
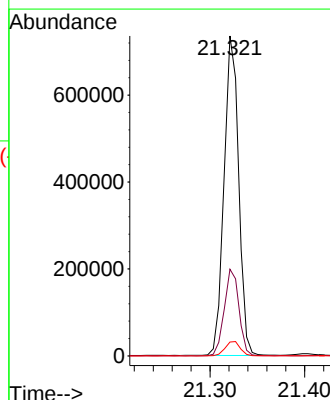
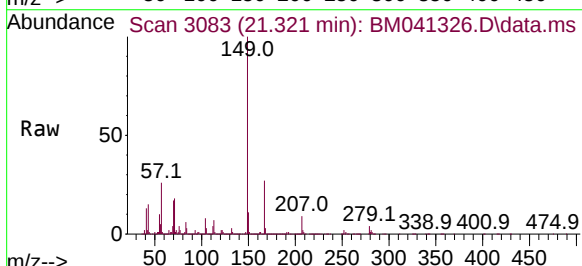
Tgt Ion:149 Resp: 786590

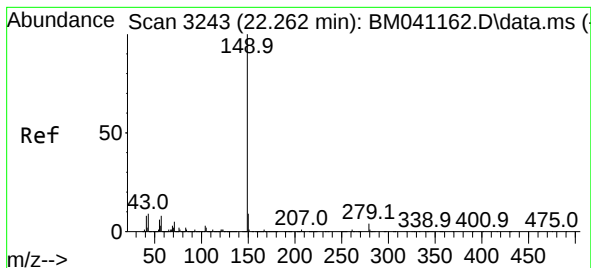
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.6

279 4.3 3.1 4.7

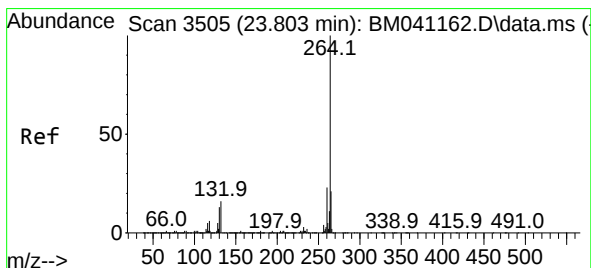
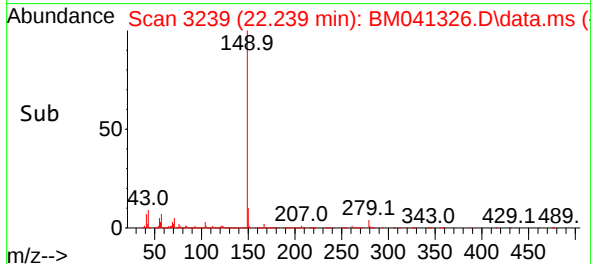
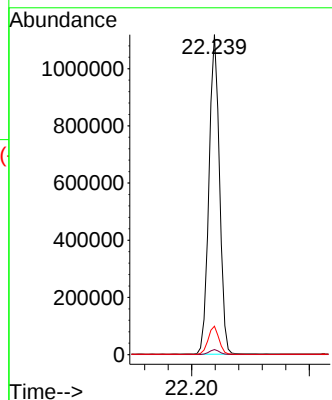
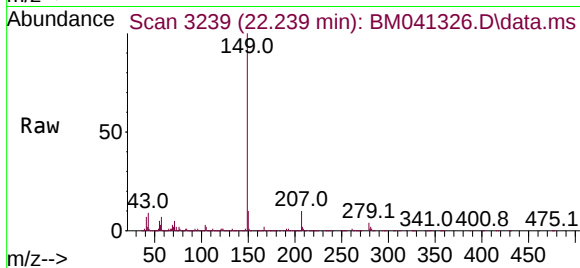




#85
Di-n-octyl phthalate
Concen: 40.552 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

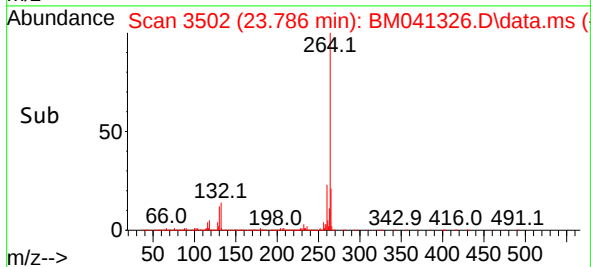
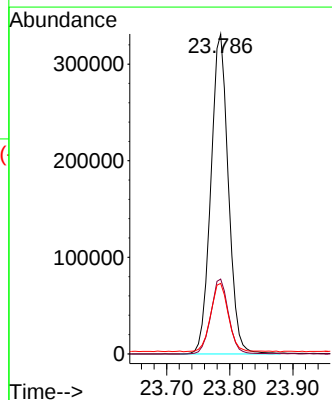
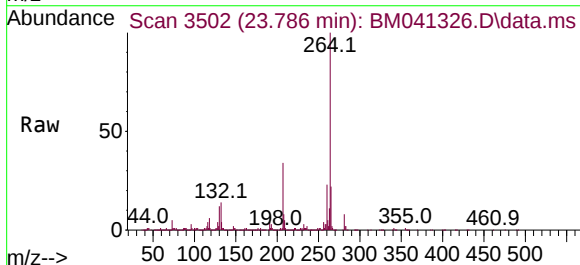
Instrument :
BNA_M
ClientSampleId :
PB154641BS

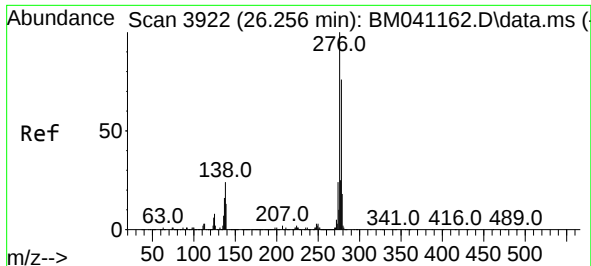
Tgt Ion:149 Resp: 1387893
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:264 Resp: 637502
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.0 17.4 26.0

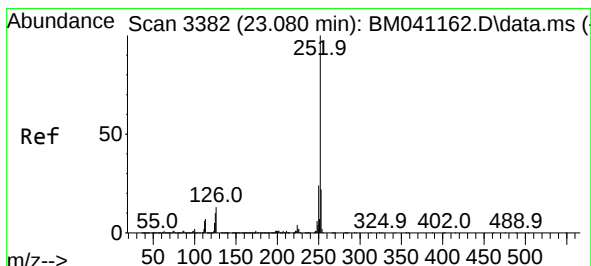
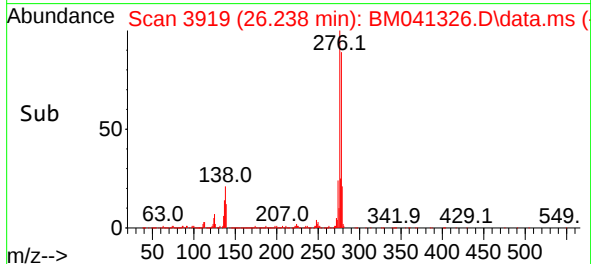
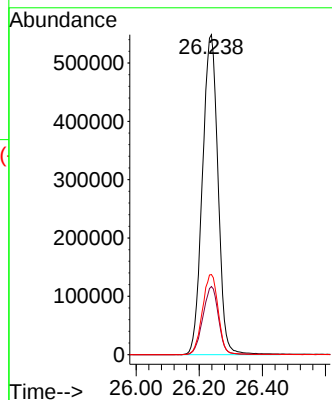
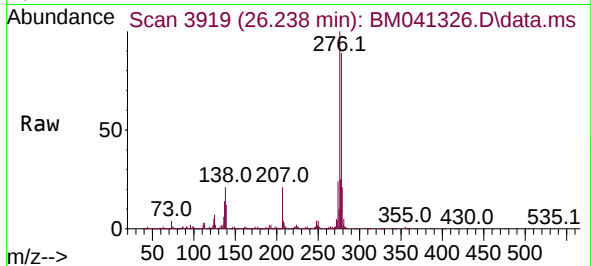




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.090 ng
RT: 26.238 min Scan# 3919
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

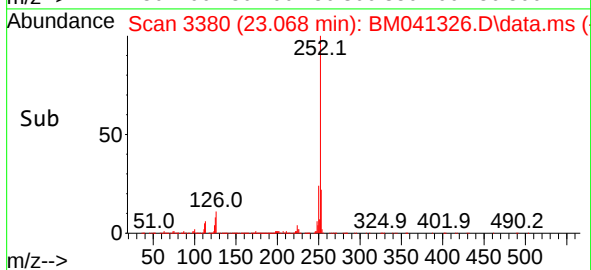
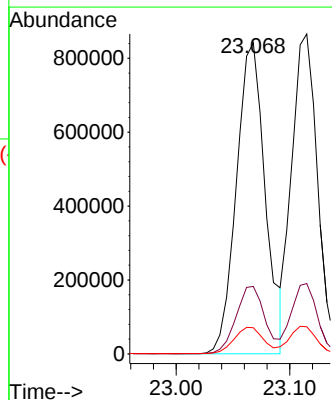
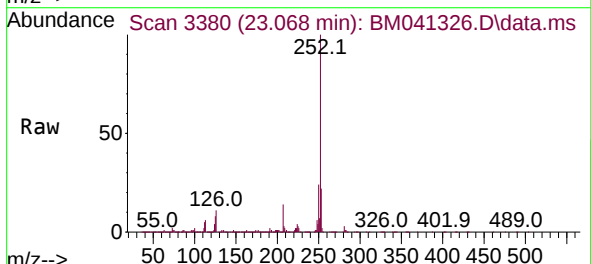
Instrument :
BNA_M
ClientSampleId :
PB154641BS

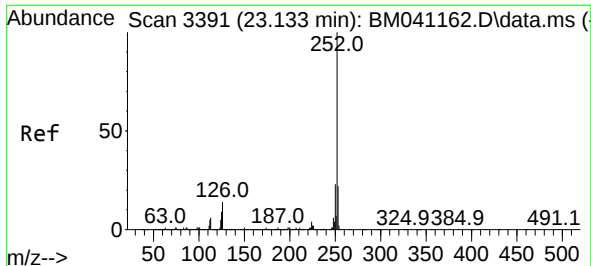
Tgt Ion:276 Resp: 1879023
Ion Ratio Lower Upper
276 100
138 21.3 20.0 30.0
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 39.234 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:252 Resp: 1485869
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.4 8.2 12.4

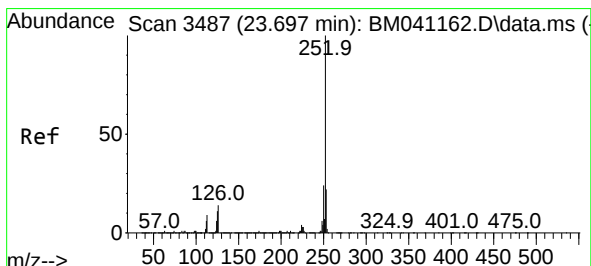
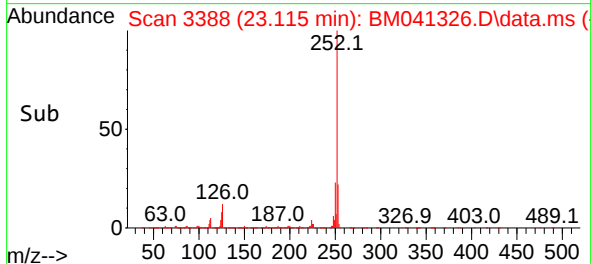
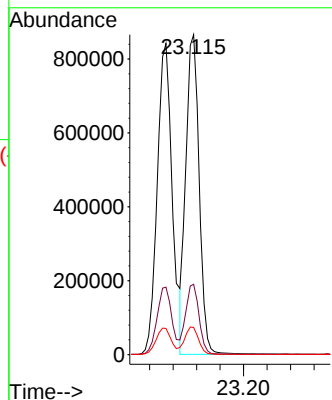
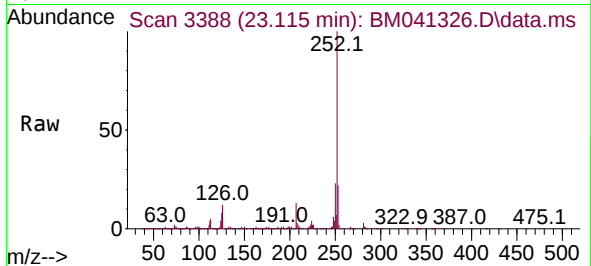




#89
Benzo(k)fluoranthene
Concen: 35.225 ng
RT: 23.115 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

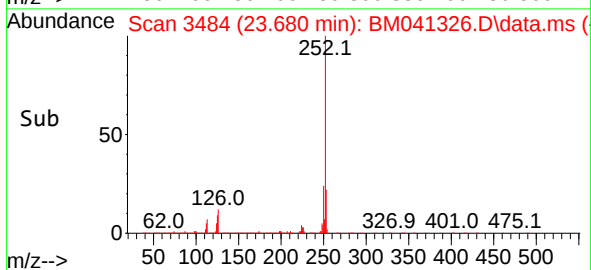
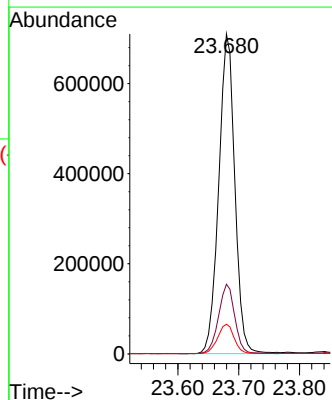
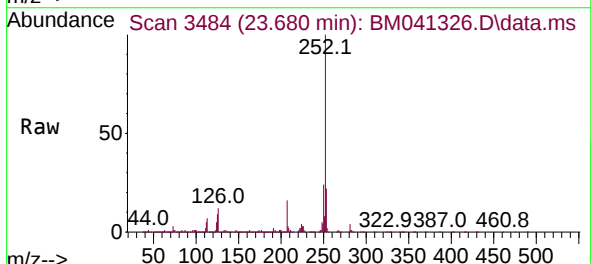
Instrument :
BNA_M
ClientSampleId :
PB154641BS

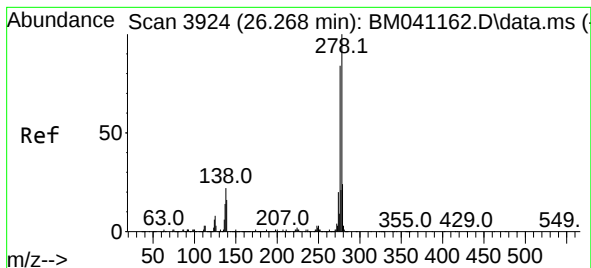
Tgt Ion:252 Resp: 1364570
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.5 7.6 11.4



#90
Benzo(a)pyrene
Concen: 35.805 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM041326.D
Acq: 08 Aug 2023 12:01

Tgt Ion:252 Resp: 1302934
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.583 ng

RT: 26.250 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Instrument :

BNA_M

ClientSampleId :

PB154641BS

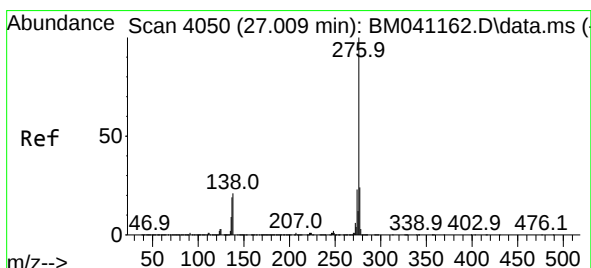
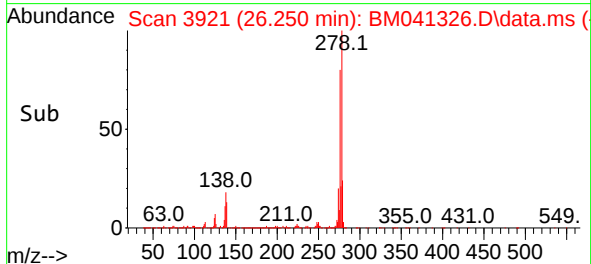
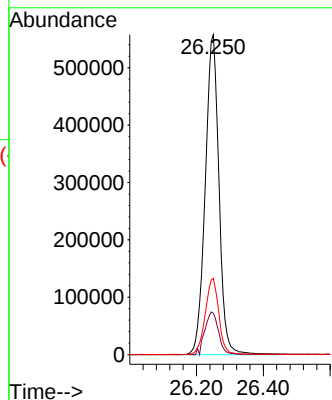
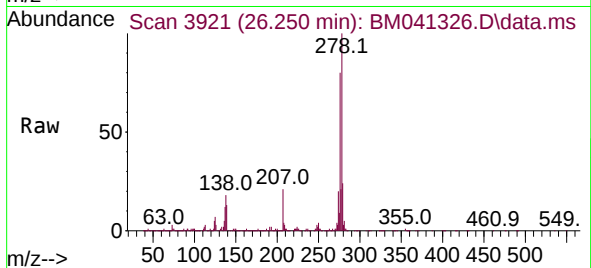
Tgt Ion:278 Resp: 1586537

Ion Ratio Lower Upper

278 100

139 12.9 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.621 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041326.D

Acq: 08 Aug 2023 12:01

Tgt Ion:276 Resp: 1515588

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 18.2 17.1 25.7

