

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041442.D
 Acq On : 21 Aug 2023 11:13
 Operator : MA/JU
 Sample : PB154955BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154955BS

Quant Time: Aug 22 03:34:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	167716	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	693004	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	454782	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1008039	20.000	ng	0.00
76) Chrysene-d12	21.386	240	933151	20.000	ng	0.00
86) Perylene-d12	23.727	264	987921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1110079	110.108	ng	0.00
7) Phenol-d6	6.957	99	1424285	104.041	ng	0.00
23) Nitrobenzene-d5	8.940	82	924719	63.697	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	715324	99.115	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	2207251	65.037	ng	0.00
79) Terphenyl-d14	19.815	244	3748005	69.894	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	111969	26.141	ng	95
3) Pyridine	3.646	79	288682	25.510	ng	97
4) n-Nitrosodimethylamine	3.563	42	167179	32.041	ng	98
6) Aniline	7.099	93	470981	28.932	ng	99
8) 2-Chlorophenol	7.328	128	392497	37.682	ng	98
9) Benzaldehyde	6.910	77	159788	21.141	ng	98
10) Phenol	6.987	94	502561	37.996	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	370190	34.986	ng	97
12) 1,3-Dichlorobenzene	7.640	146	416935	36.015	ng	100
13) 1,4-Dichlorobenzene	7.793	146	428501	36.610	ng	98
14) 1,2-Dichlorobenzene	8.104	146	409694	36.264	ng	99
15) Benzyl Alcohol	8.022	79	371813	38.257	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	419296	33.028	ng	99
17) 2-Methylphenol	8.228	107	332459	35.162	ng	99
18) Hexachloroethane	8.822	117	158275	35.610	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	316005	33.648	ng	99
20) 3+4-Methylphenols	8.563	107	451730	34.786	ng	99
22) Acetophenone	8.598	105	595664	33.354	ng	# 99
24) Nitrobenzene	8.981	77	471567	32.531	ng	99
25) Isophorone	9.504	82	856365	32.228	ng	98
26) 2-Nitrophenol	9.687	139	218621	34.541	ng	98
27) 2,4-Dimethylphenol	9.757	122	346264	33.976	ng	97
28) bis(2-Chloroethoxy)met...	9.987	93	499182	32.274	ng	99
29) 2,4-Dichlorophenol	10.228	162	403147	36.108	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	439578	35.459	ng	99
31) Naphthalene	10.610	128	1191513	33.069	ng	99
32) Benzoic acid	9.957	122	261300	31.923	ng	99
33) 4-Chloroaniline	10.745	127	263680	17.334	ng	98
34) Hexachlorobutadiene	10.875	225	285210	34.788	ng	100
35) Caprolactam	11.569	113	65928	19.048	ng	98
36) 4-Chloro-3-methylphenol	11.892	107	408841	34.408	ng	97
37) 2-Methylnaphthalene	12.228	142	843288	32.165	ng	99
38) 1-Methylnaphthalene	12.445	142	806917	32.577	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	516850	34.834	ng	99
41) Hexachlorocyclopentadiene	12.557	237	590742	73.719	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	353489	35.598	ng	98

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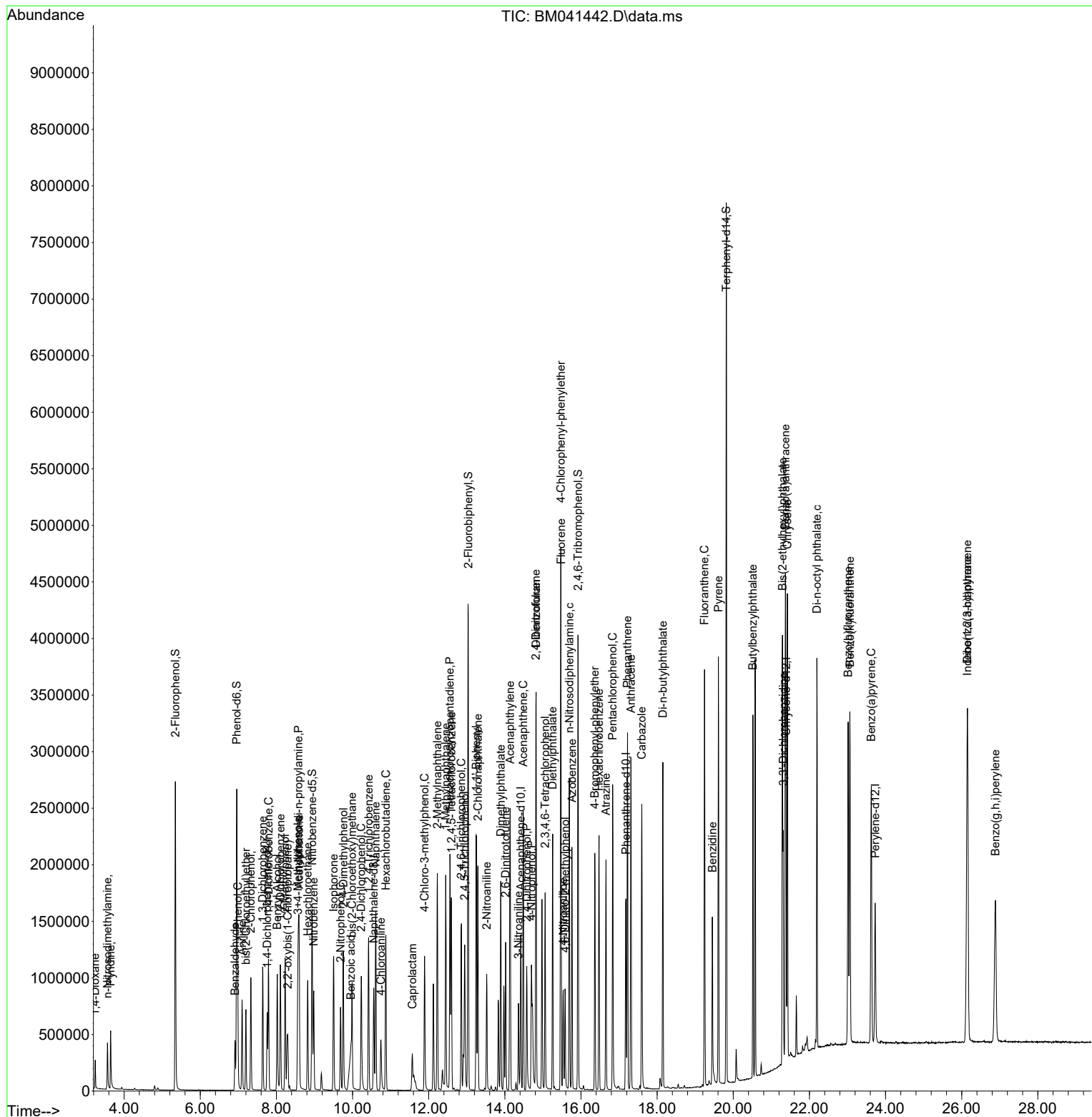
Instrument :
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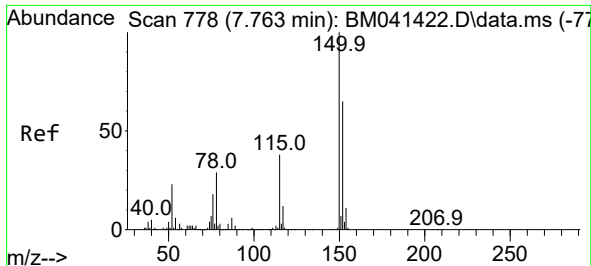
Quant Time: Aug 22 03:34:39 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	380157	33.070	ng	99
46) 1,1'-Biphenyl	13.251	154	1139128	33.190	ng	99
47) 2-Chloronaphthalene	13.292	162	908916	34.455	ng	99
48) 2-Nitroaniline	13.522	65	273683	31.752	ng	97
49) Acenaphthylene	14.139	152	1463526	34.237	ng	99
50) Dimethylphthalate	13.892	163	1151788	32.434	ng	100
51) 2,6-Dinitrotoluene	14.022	165	253185	33.267	ng	98
52) Acenaphthene	14.480	154	839494	32.836	ng	100
53) 3-Nitroaniline	14.357	138	189667	24.989	ng	98
54) 2,4-Dinitrophenol	14.575	184	259285	54.468	ng	94
55) Dibenzofuran	14.822	168	1424089	33.217	ng	99
56) 4-Nitrophenol	14.698	139	361722	63.290	ng	96
57) 2,4-Dinitrotoluene	14.816	165	353557	33.993	ng	93
58) Fluorene	15.474	166	1142318	33.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	344582	35.270	ng	98
60) Diethylphthalate	15.257	149	1142113	32.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	621512	33.552	ng	99
62) 4-Nitroaniline	15.533	138	218901	31.614	ng	98
63) Azobenzene	15.763	77	1121027	31.359	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	197336	30.581	ng	92
66) n-Nitrosodiphenylamine	15.692	169	981562	33.079	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	386074	33.422	ng	99
68) Hexachlorobenzene	16.474	284	449424	35.651	ng	98
69) Atrazine	16.657	200	378285	44.924	ng	98
70) Pentachlorophenol	16.833	266	489061	55.402	ng	99
71) Phenanthrene	17.221	178	1771062	33.284	ng	100
72) Anthracene	17.310	178	1800348	33.366	ng	99
73) Carbazole	17.598	167	1600536	33.338	ng	99
74) Di-n-butylphthalate	18.151	149	1988361	32.967	ng	100
75) Fluoranthene	19.245	202	2118087	33.434	ng	99
77) Benzidine	19.451	184	957394	89.507	ng	100
78) Pyrene	19.609	202	2212282	33.150	ng	100
80) Butylbenzylphthalate	20.515	149	876668	32.798	ng	100
81) Benzo(a)anthracene	21.368	228	2185271	34.293	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	619371	30.052	ng	100
83) Chrysene	21.421	228	2006677	33.129	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1267785	33.385	ng	# 97
85) Di-n-octyl phthalate	22.198	149	2133614	34.362	ng	98
87) Indeno(1,2,3-cd)pyrene	26.144	276	2230644	34.679	ng	98
88) Benzo(b)fluoranthene	23.015	252	2089857	35.492	ng	99
89) Benzo(k)fluoranthene	23.062	252	2038542	34.258	ng	99
90) Benzo(a)pyrene	23.627	252	1822988	32.514	ng	99
91) Dibenzo(a,h)anthracene	26.150	278	1882301	34.796	ng	98
92) Benzo(g,h,i)perylene	26.885	276	1741528	33.301	ng	99

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

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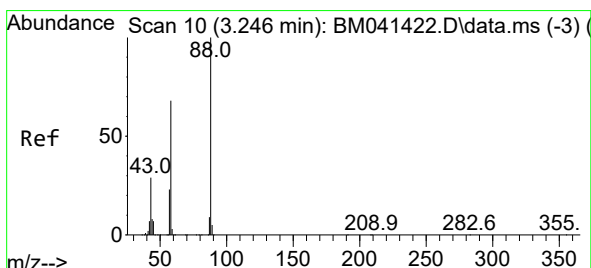
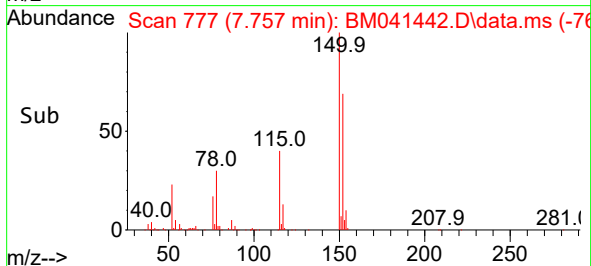
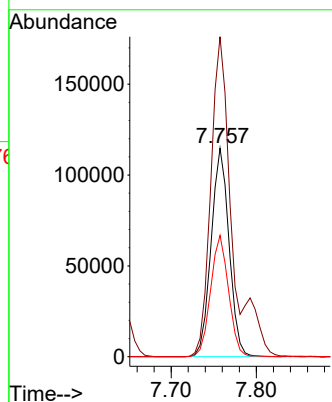
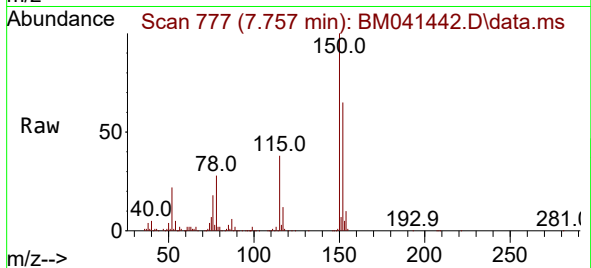




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.757 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

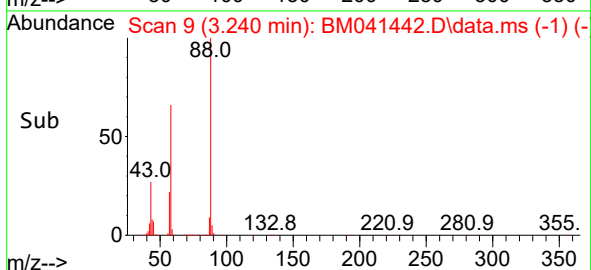
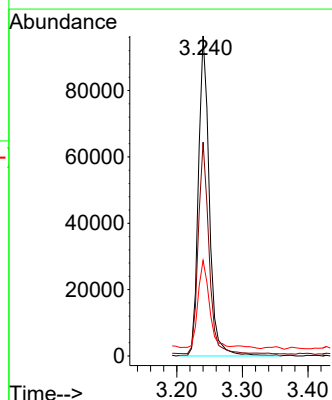
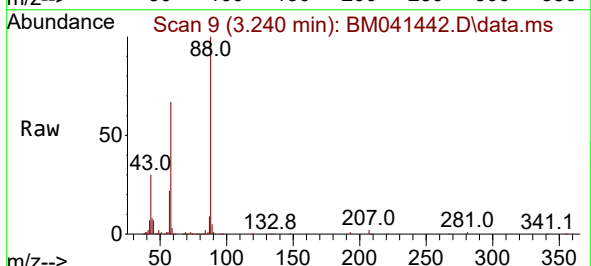
Instrument :
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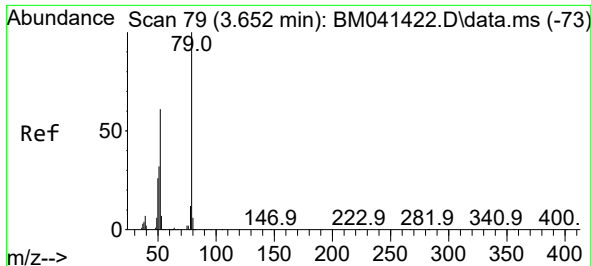
Tgt Ion:152 Resp: 167716
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 58.2 46.6 70.0



#2
 1,4-Dioxane
 Concen: 26.141 ng
 RT: 3.240 min Scan# 9
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

Tgt Ion: 88 Resp: 111969
 Ion Ratio Lower Upper
 88 100
 58 64.1 55.1 82.7
 43 27.4 23.2 34.8



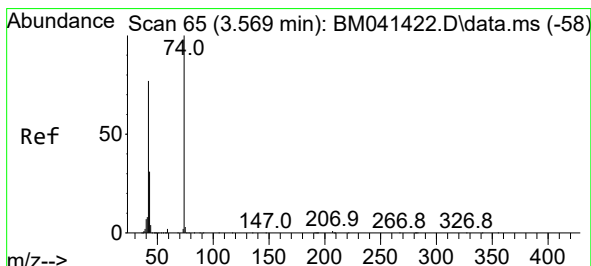
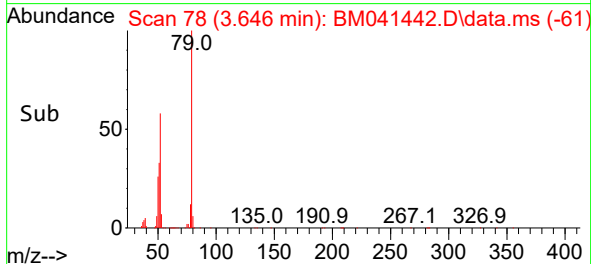
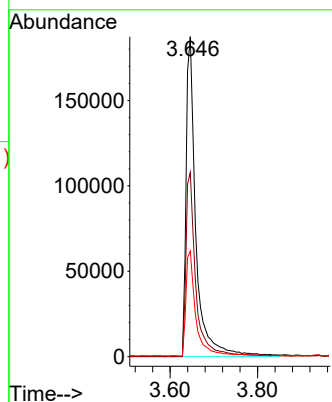
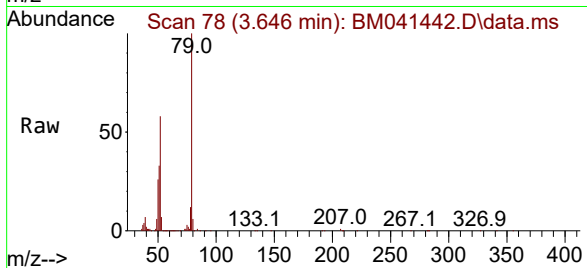


#3
 Pyridine
 Concen: 25.510 ng
 RT: 3.646 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

Instrument :
 BNA_M
 ClientSampleId :
 PB154955BS

Tgt Ion: 79 Resp: 288682

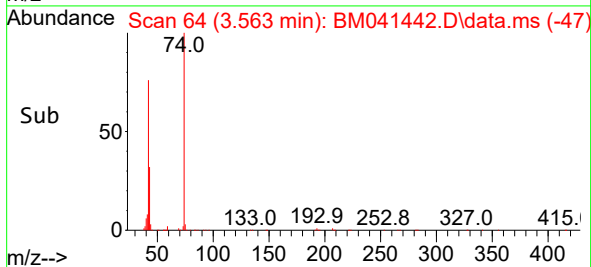
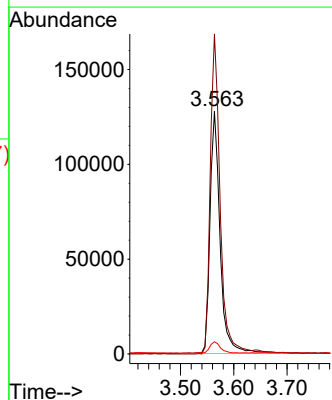
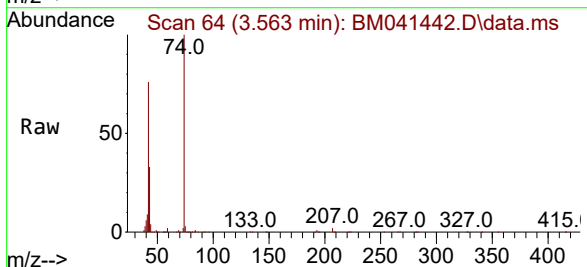
Ion	Ratio	Lower	Upper
79	100		
52	57.6	49.0	73.4
51	33.0	26.1	39.1

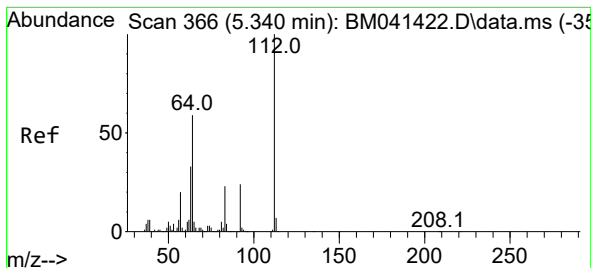


#4
 n-Nitrosodimethylamine
 Concen: 32.041 ng
 RT: 3.563 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

Tgt Ion: 42 Resp: 167179

Ion	Ratio	Lower	Upper
42	100		
74	131.9	104.1	156.1
44	5.0	4.6	6.8





#5

2-Fluorophenol

Concen: 110.108 ng

RT: 5.346 min Scan# 366

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

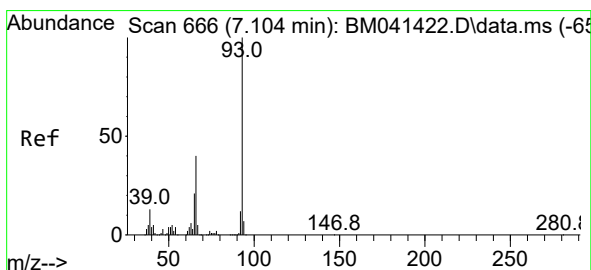
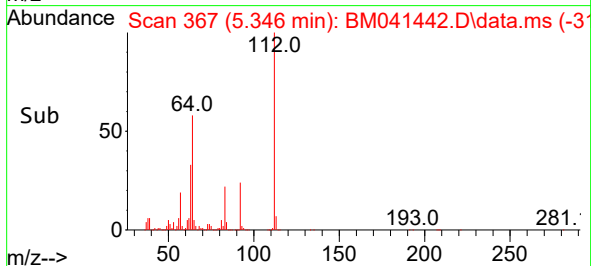
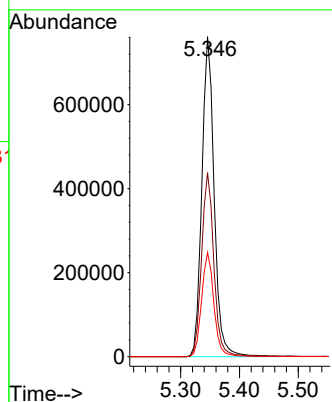
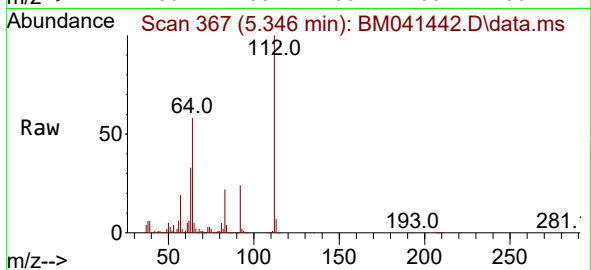
Tgt Ion:112 Resp: 1110079

Ion Ratio Lower Upper

112 100

64 57.5 47.3 70.9

63 32.6 26.5 39.7



#6

Aniline

Concen: 28.932 ng

RT: 7.099 min Scan# 665

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

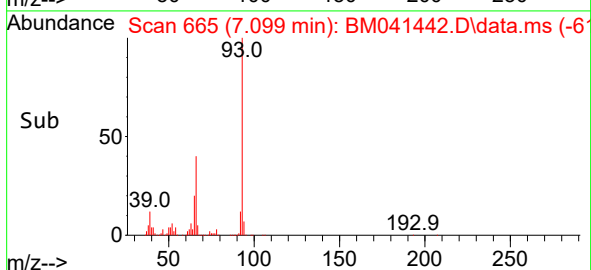
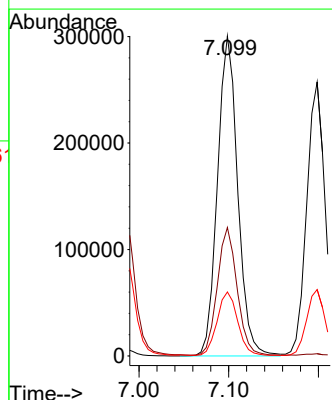
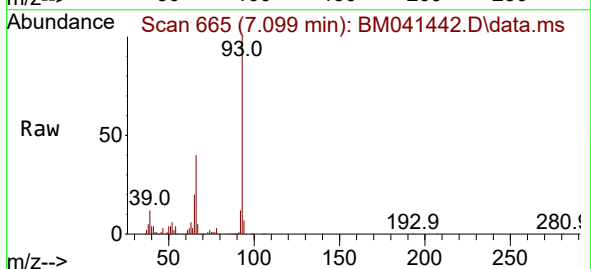
Tgt Ion: 93 Resp: 470981

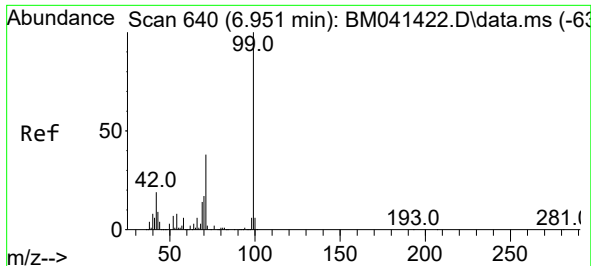
Ion Ratio Lower Upper

93 100

66 40.2 31.8 47.8

65 20.0 16.8 25.2

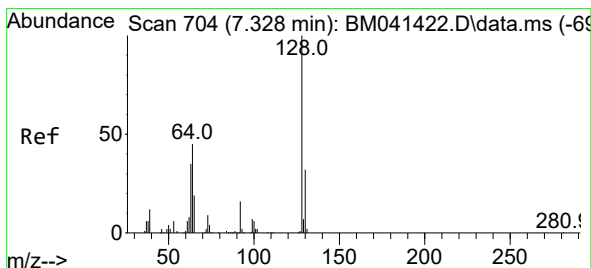
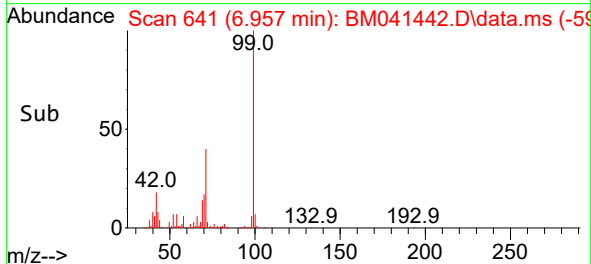
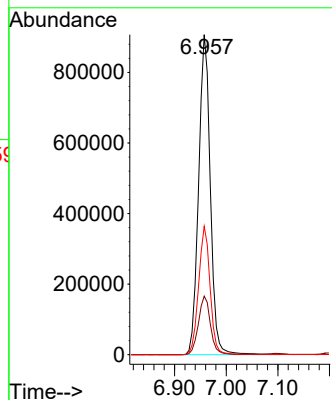
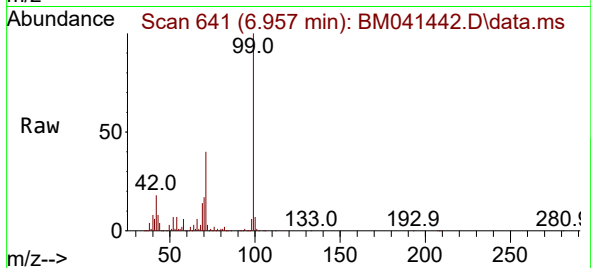




#7
Phenol-d6
Concen: 104.041 ng
RT: 6.957 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

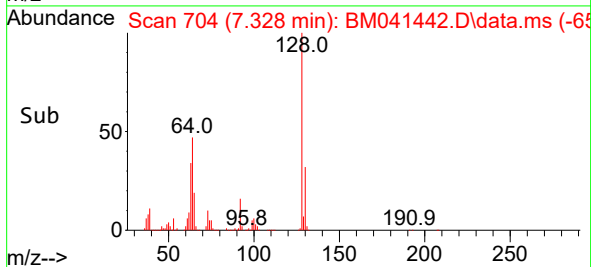
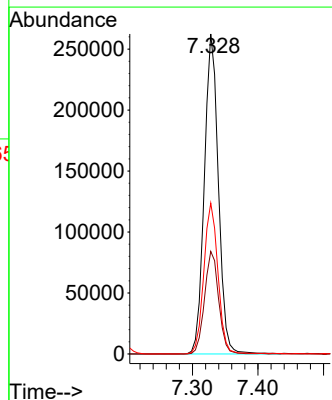
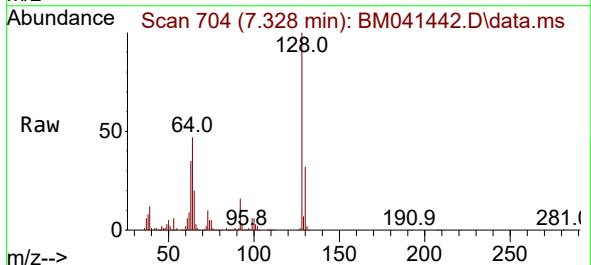
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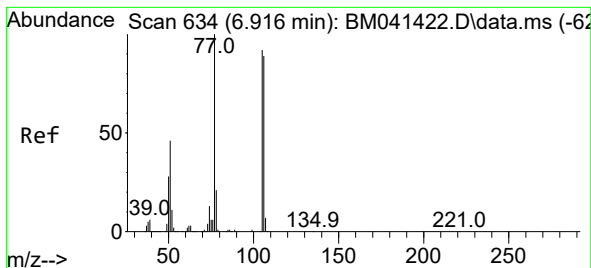
Tgt Ion: 99 Resp: 1424285
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 40.1 30.7 46.1



#8
2-Chlorophenol
Concen: 37.682 ng
RT: 7.328 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion: 128 Resp: 392497
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 47.2 28.8 68.8





#9

Benzaldehyde

Concen: 21.141 ng

RT: 6.910 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

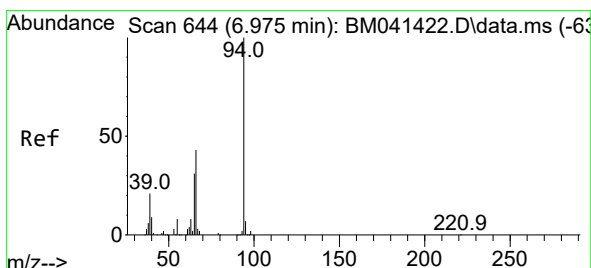
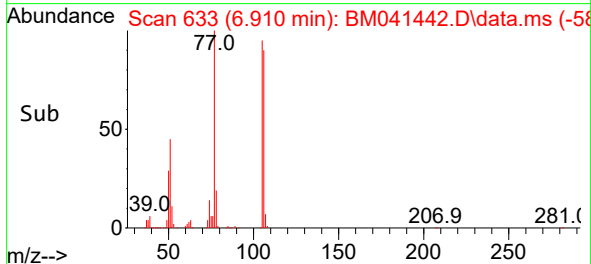
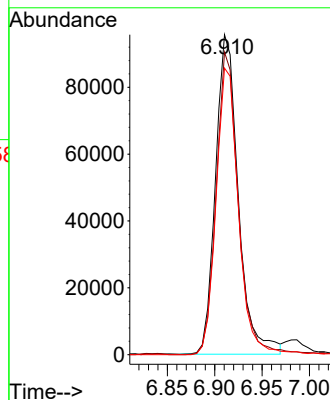
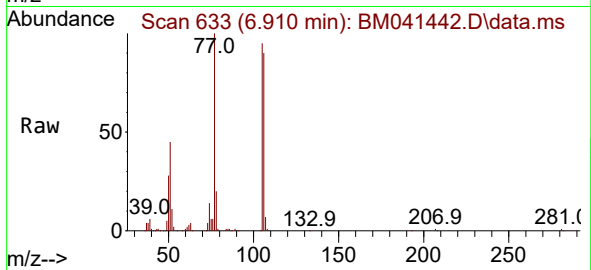
Tgt Ion: 77 Resp: 159788

Ion Ratio Lower Upper

77 100

105 94.5 71.7 111.7

106 89.6 68.6 108.6



#10

Phenol

Concen: 37.996 ng

RT: 6.987 min Scan# 646

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

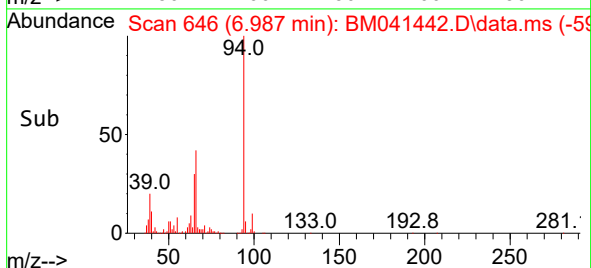
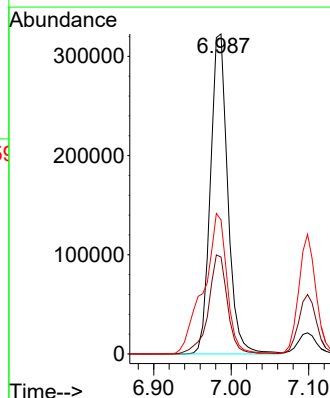
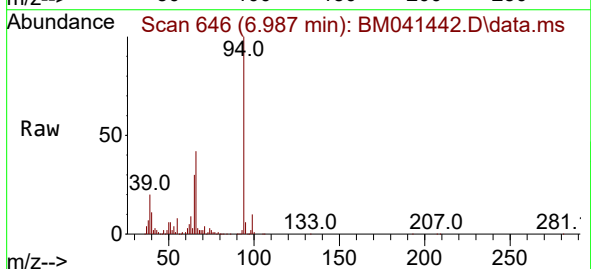
Tgt Ion: 94 Resp: 502561

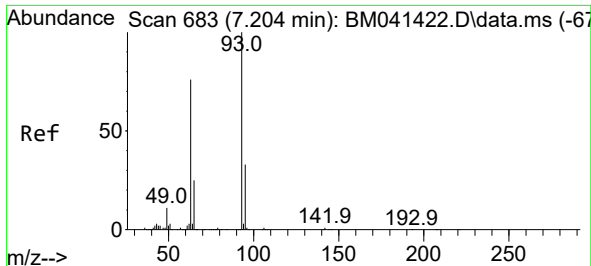
Ion Ratio Lower Upper

94 100

65 30.3 11.0 51.0

66 41.9 23.9 63.9

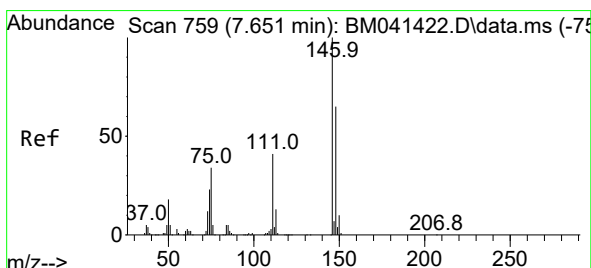
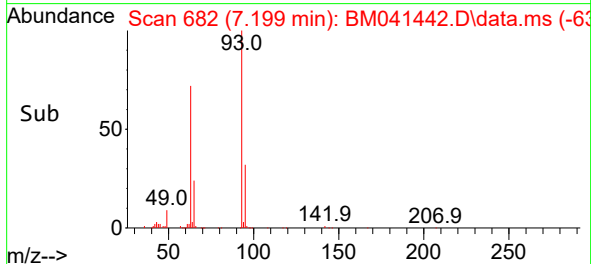
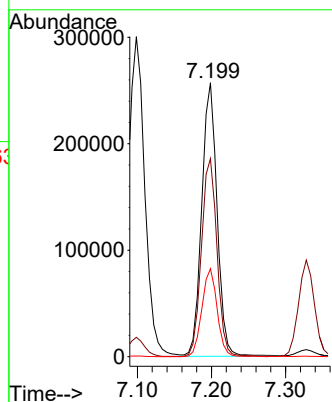
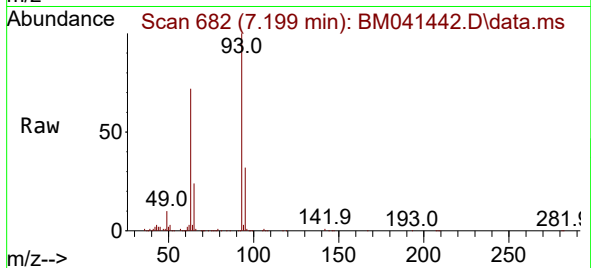




#11
bis(2-Chloroethyl)ether
Concen: 34.986 ng
RT: 7.199 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

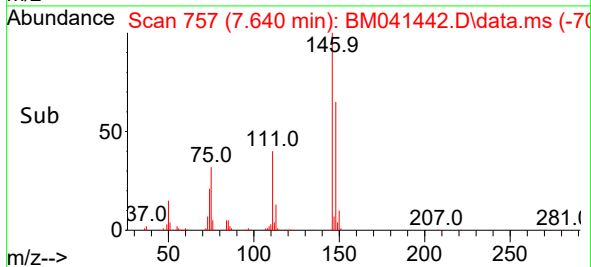
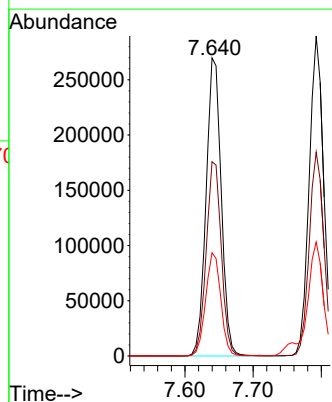
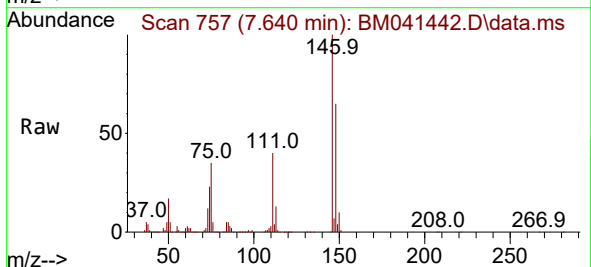
Instrument :
BNA_M
ClientSampleId :
PB154955BS

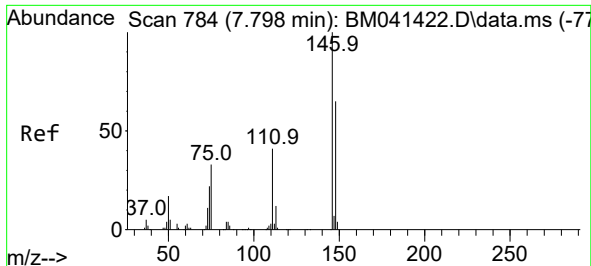
Tgt Ion: 93 Resp: 370190
Ion Ratio Lower Upper
93 100
63 72.3 55.2 95.2
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.015 ng
RT: 7.640 min Scan# 757
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion: 146 Resp: 416935
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 34.6 27.6 41.4

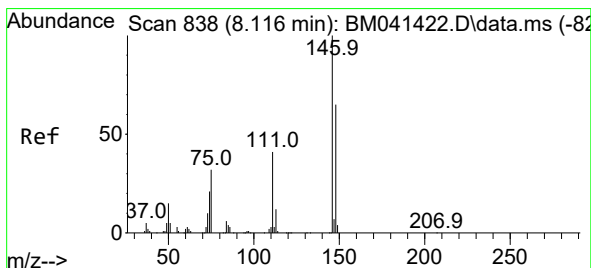
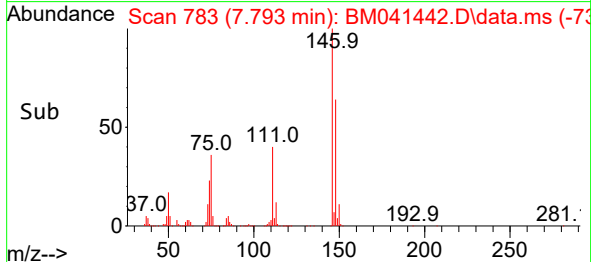
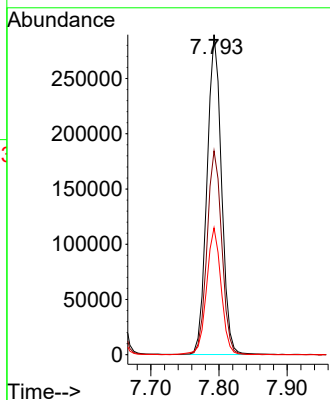
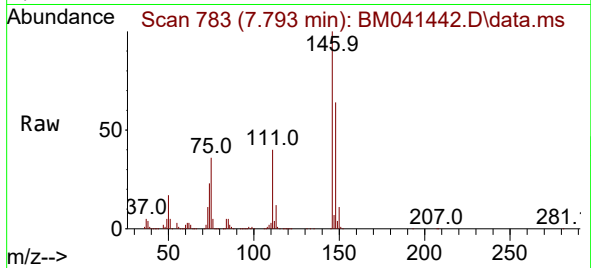




#13
1,4-Dichlorobenzene
Concen: 36.610 ng
RT: 7.793 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

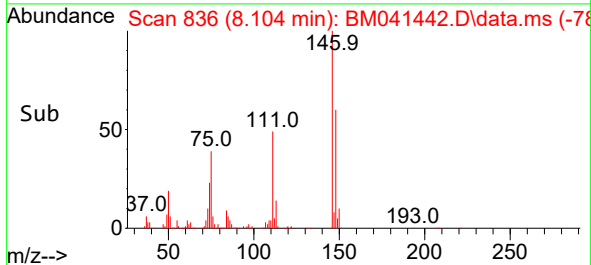
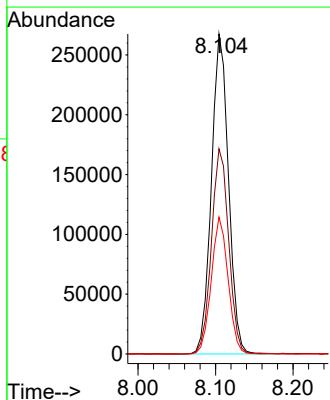
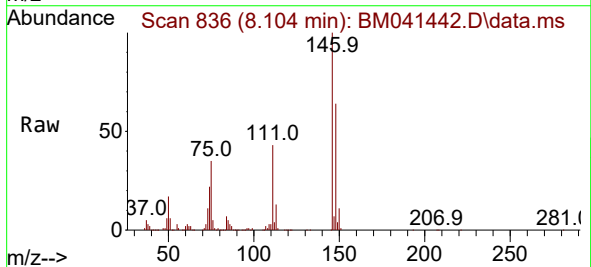
Instrument :
BNA_M
ClientSampleId :
PB154955BS

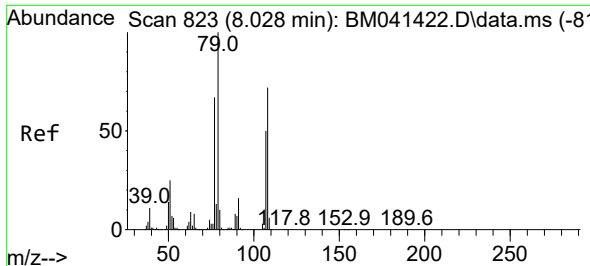
Tgt Ion:146 Resp: 428501
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 39.7 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 36.264 ng
RT: 8.104 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:146 Resp: 409694
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 42.7 33.4 50.0

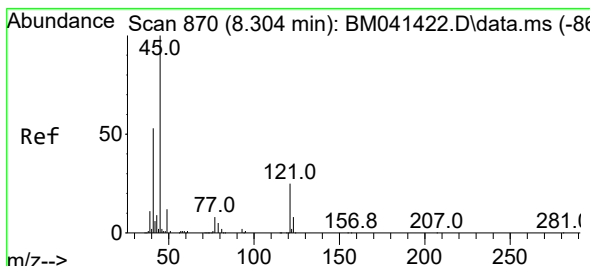
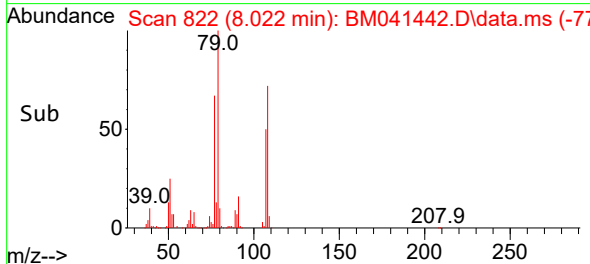
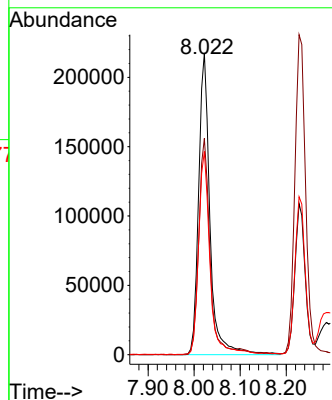
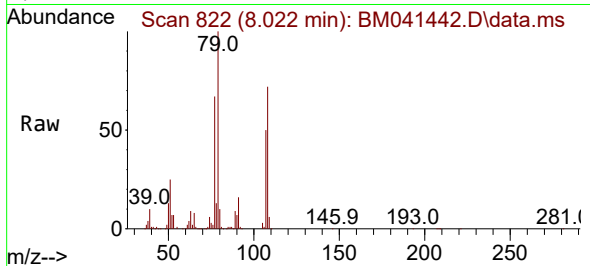




#15
Benzyl Alcohol
Concen: 38.257 ng
RT: 8.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

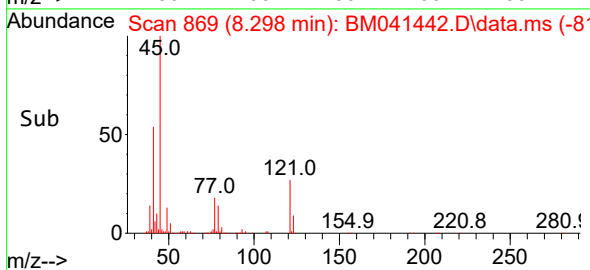
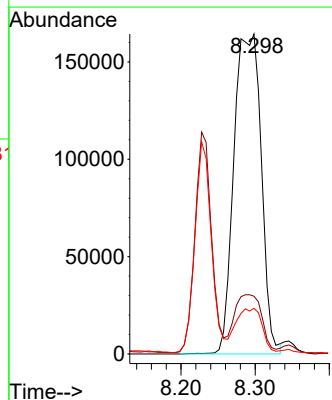
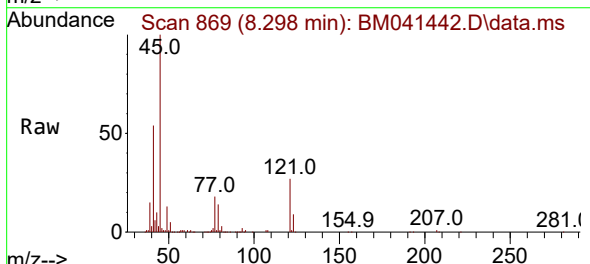
Instrument :
BNA_M
ClientSampleId :
PB154955BS

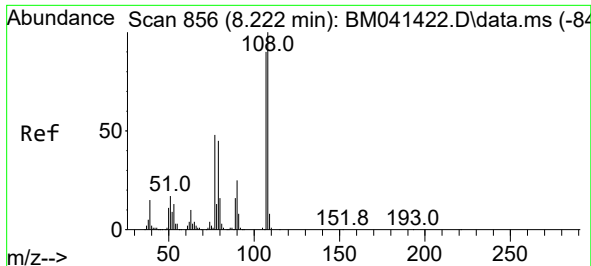
Tgt Ion: 79 Resp: 371813
Ion Ratio Lower Upper
79 100
108 71.7 57.8 86.8
77 67.3 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.028 ng
RT: 8.298 min Scan# 869
Delta R.T. 0.018 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion: 45 Resp: 419296
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.3
79 14.3 0.0 33.8

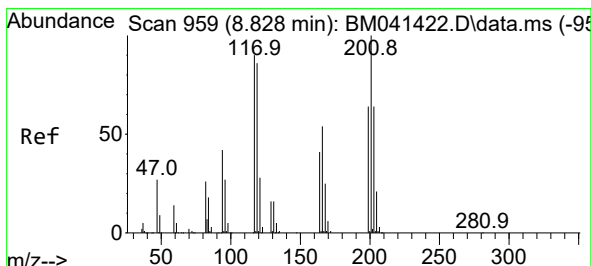
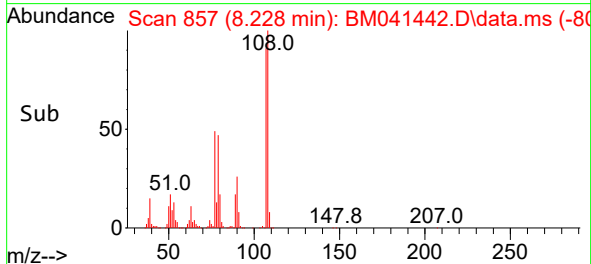
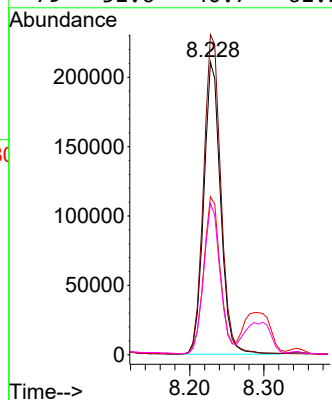
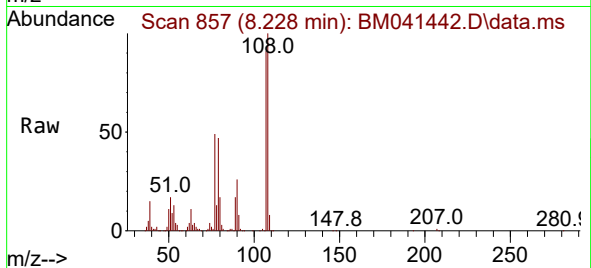




#17
2-Methylphenol
Concen: 35.162 ng
RT: 8.228 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

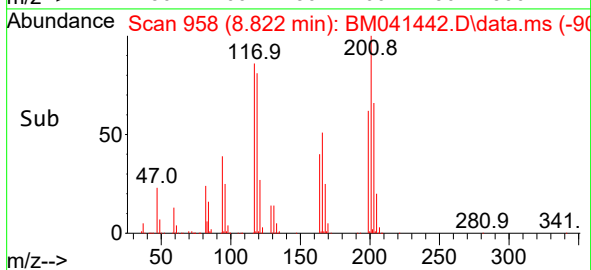
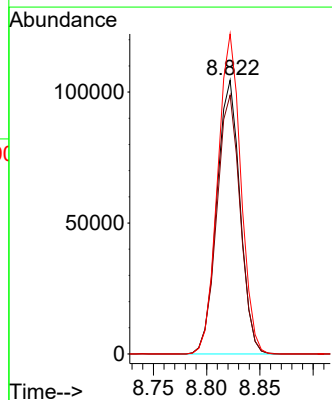
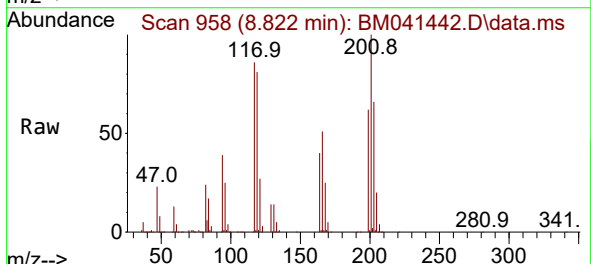
Instrument :
BNA_M
ClientSampleId :
PB154955BS

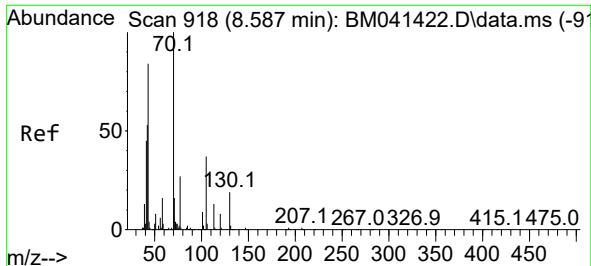
Tgt Ion:107 Resp: 332459
Ion Ratio Lower Upper
107 100
108 109.4 89.2 133.8
77 54.0 43.4 65.0
79 51.6 40.7 61.1



#18
Hexachloroethane
Concen: 35.610 ng
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:117 Resp: 158275
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5
201 116.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.648 ng

RT: 8.581 min Scan# 918

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion: 70 Resp: 316005

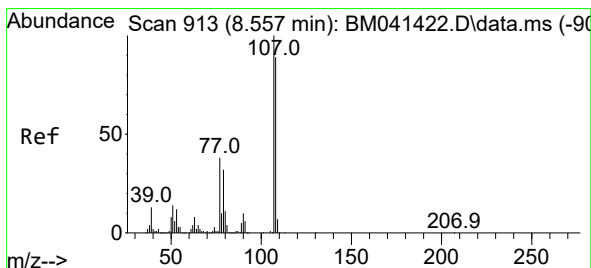
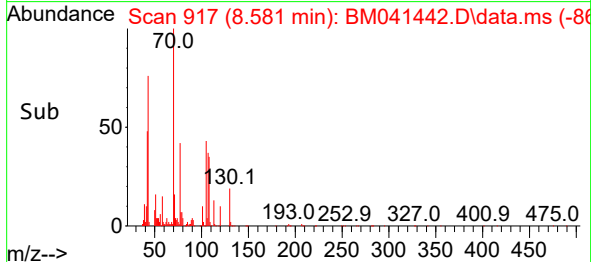
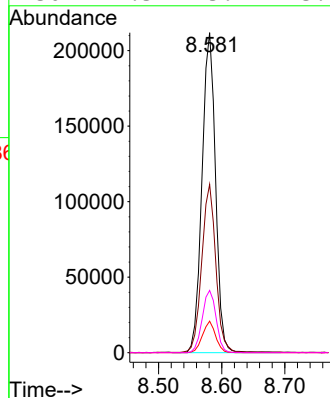
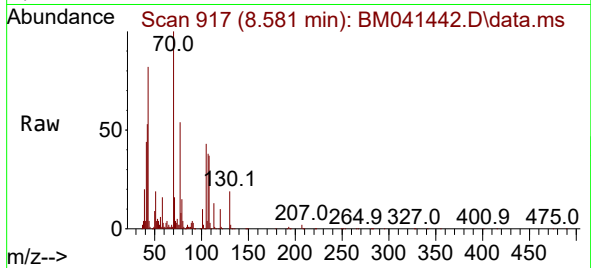
Ion Ratio Lower Upper

70 100

42 52.6 42.6 63.8

101 9.9 7.4 11.0

130 19.5 15.4 23.0



#20

3+4-Methylphenols

Concen: 34.786 ng

RT: 8.563 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion: 107 Resp: 451730

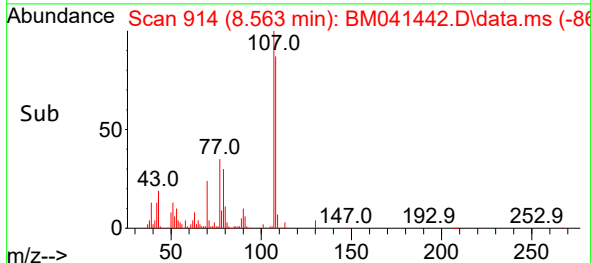
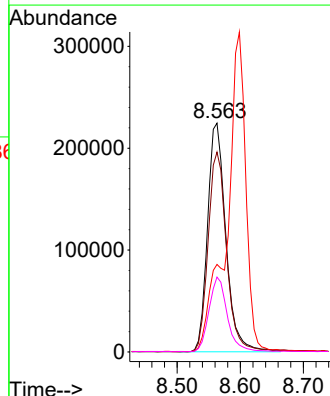
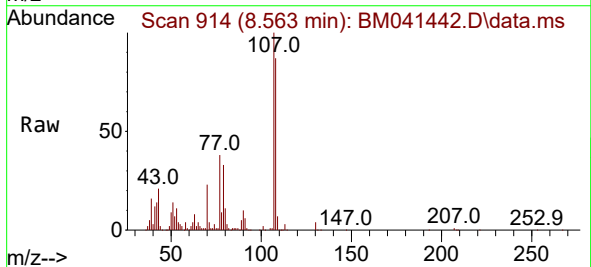
Ion Ratio Lower Upper

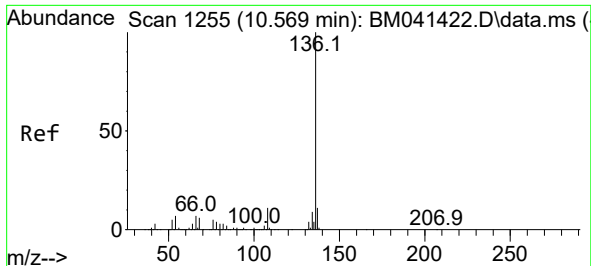
107 100

108 87.3 68.7 108.7

77 38.2 18.1 58.1

79 32.7 12.0 52.0

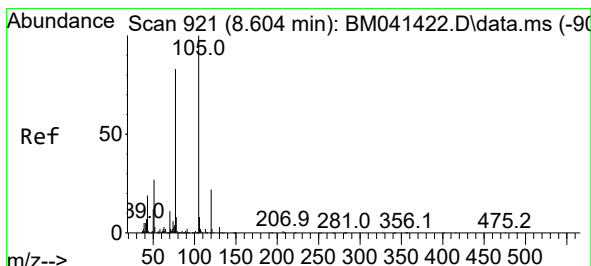
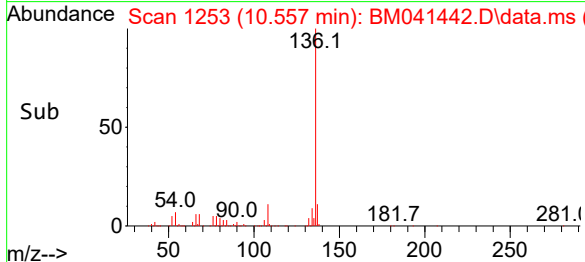
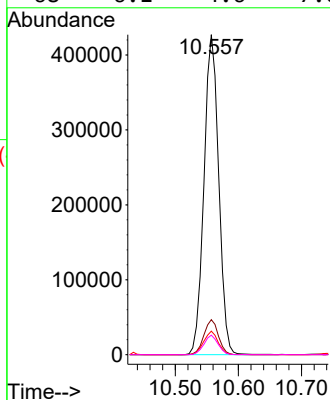
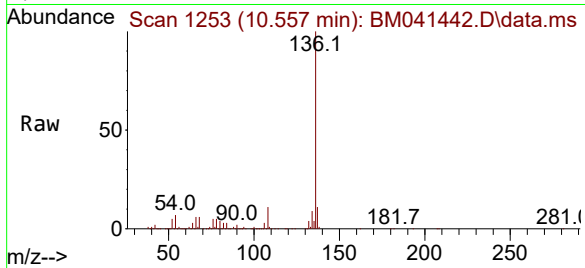




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

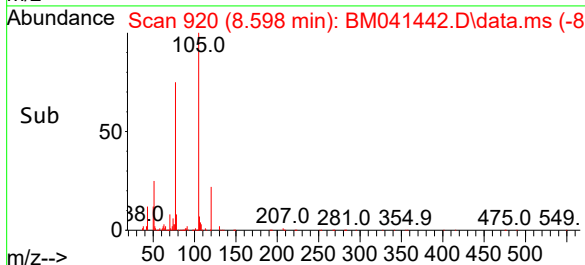
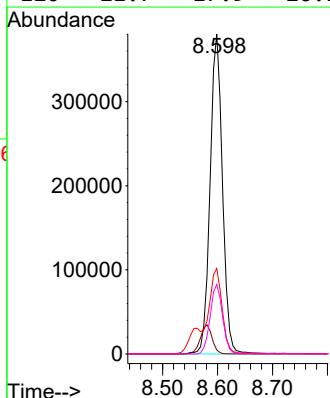
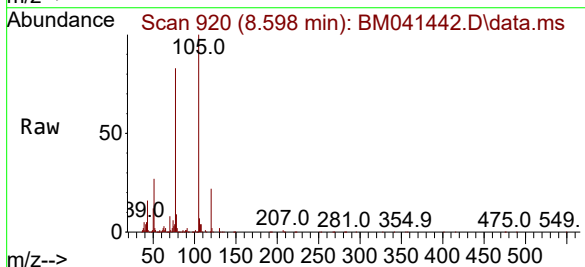
Instrument :
BNA_M
ClientSampleId :
PB154955BS

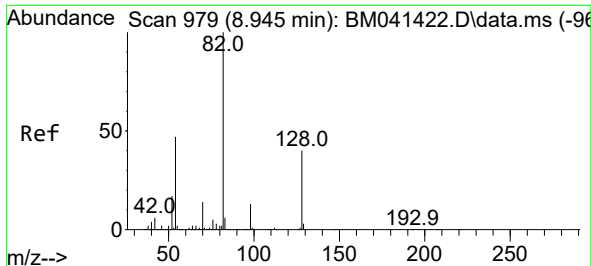
Tgt Ion:	136	Resp:	693004
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	7.4	5.7	8.5
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 33.354 ng
RT: 8.598 min Scan# 920
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:	105	Resp:	595664
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.4	2.2#
51	26.7	21.7	32.5
120	21.7	17.9	26.9





#23

Nitrobenzene-d5

Concen: 63.697 ng

RT: 8.940 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

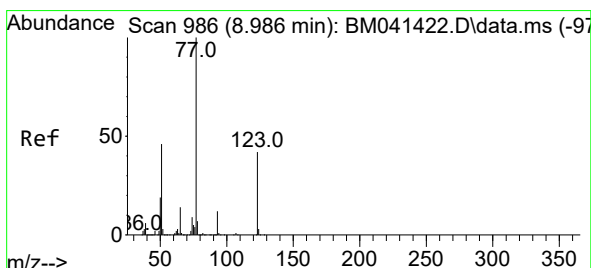
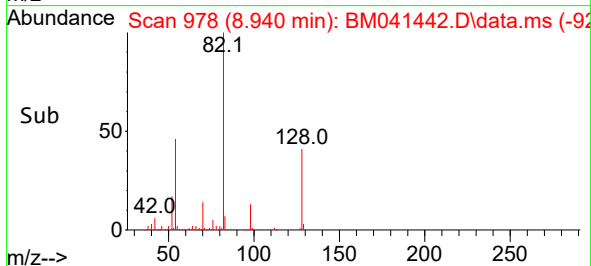
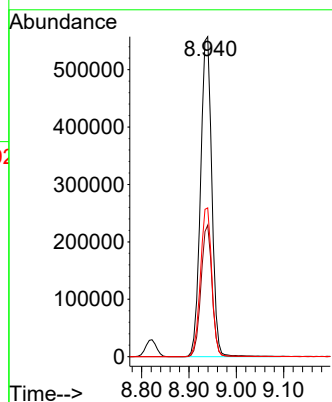
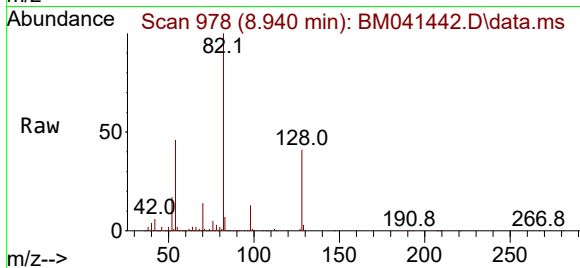
Tgt Ion: 82 Resp: 924719

Ion Ratio Lower Upper

82 100

128 41.1 32.2 48.4

54 46.5 37.5 56.3



#24

Nitrobenzene

Concen: 32.531 ng

RT: 8.981 min Scan# 985

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

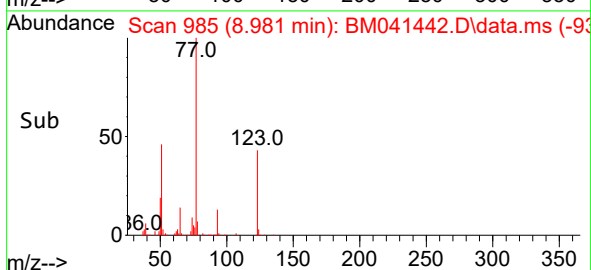
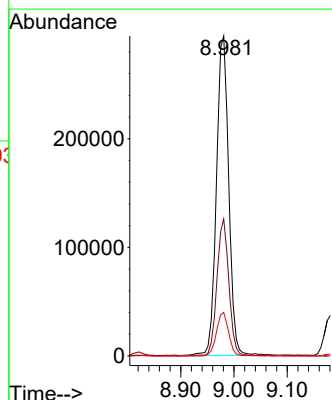
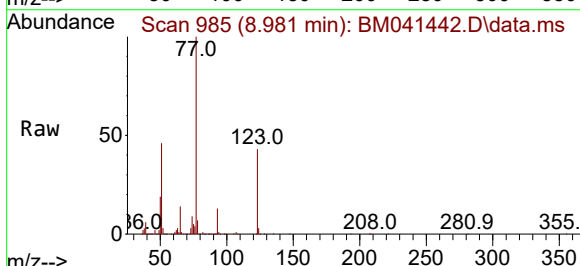
Tgt Ion: 77 Resp: 471567

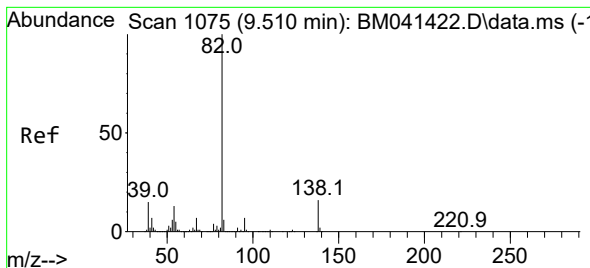
Ion Ratio Lower Upper

77 100

123 42.8 33.5 50.3

65 13.6 11.0 16.6





#25

Isophorone

Concen: 32.228 ng

RT: 9.504 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

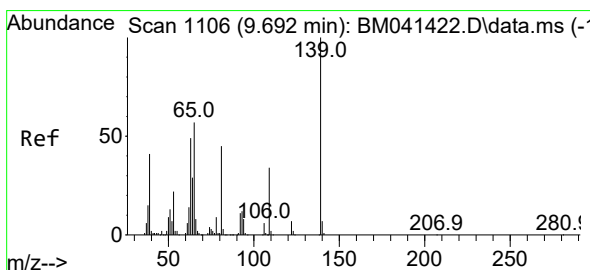
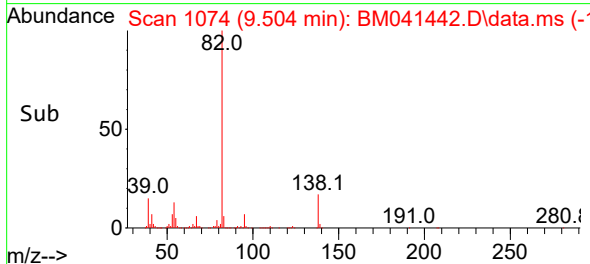
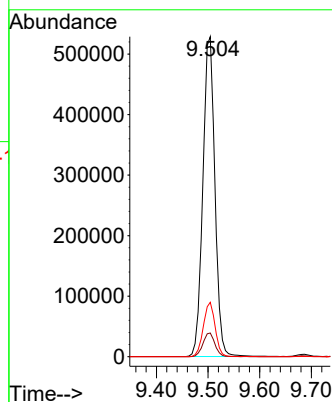
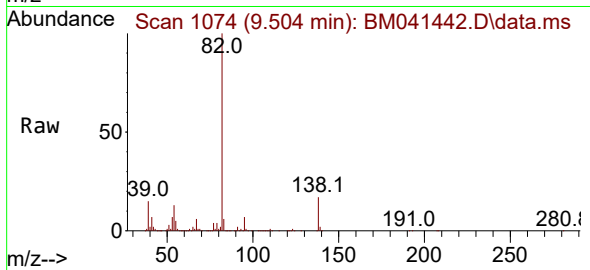
Tgt Ion: 82 Resp: 856365

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.0 12.9 19.3



#26

2-Nitrophenol

Concen: 34.541 ng

RT: 9.687 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

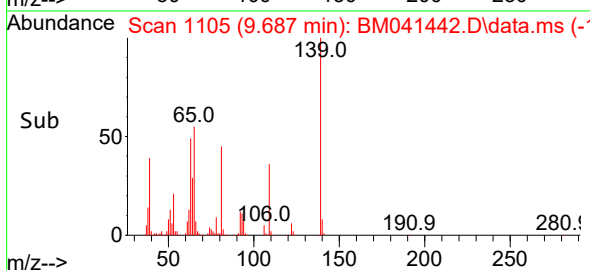
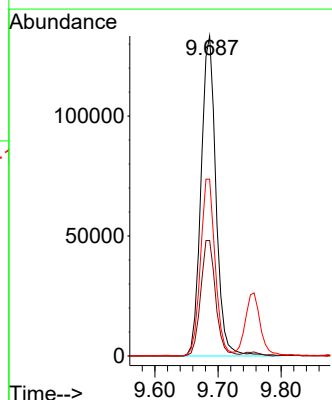
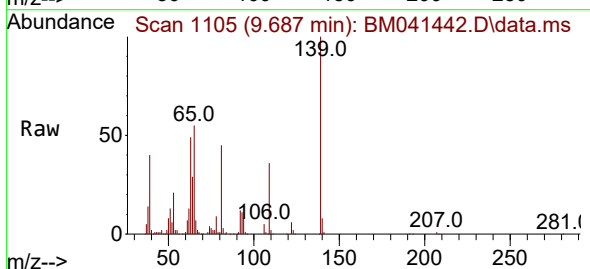
Tgt Ion: 139 Resp: 218621

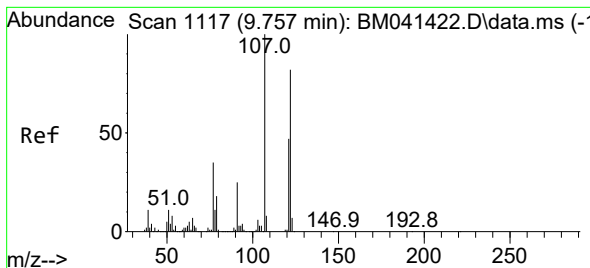
Ion Ratio Lower Upper

139 100

109 36.1 27.4 41.2

65 55.3 45.3 67.9

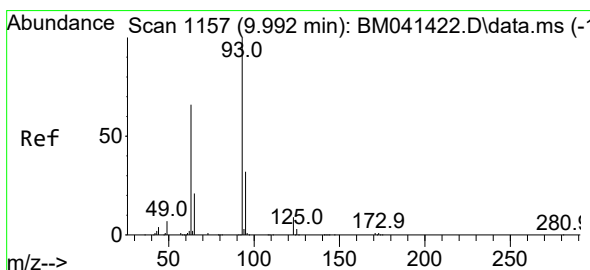
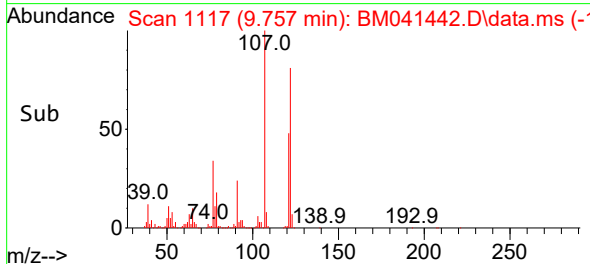
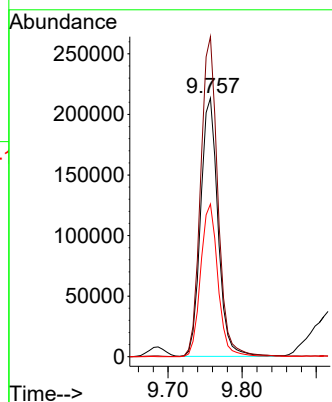
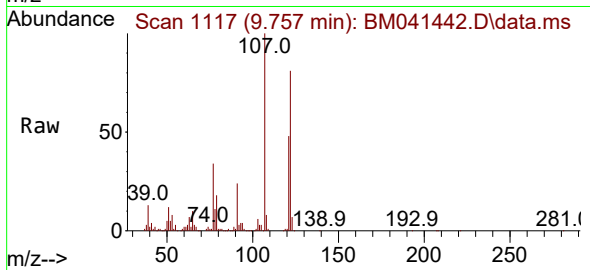




#27
2,4-Dimethylphenol
Concen: 33.976 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

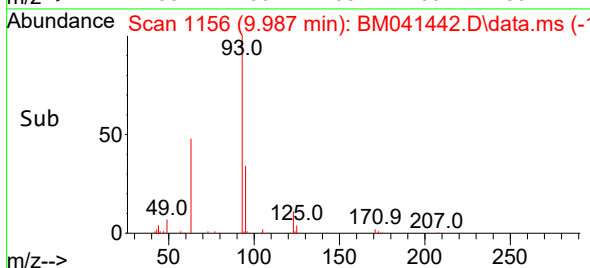
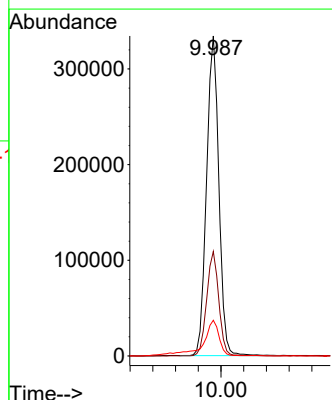
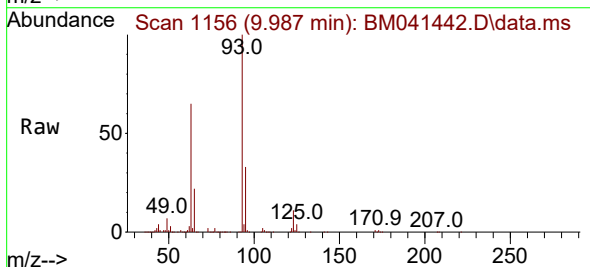
Instrument :
BNA_M
ClientSampleId :
PB154955BS

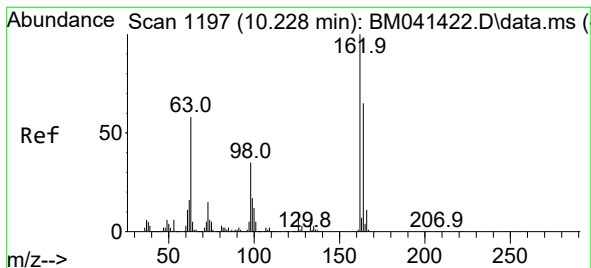
Tgt Ion:122 Resp: 346264
Ion Ratio Lower Upper
122 100
107 123.8 96.7 145.1
121 59.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 32.274 ng
RT: 9.987 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion: 93 Resp: 499182
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 36.108 ng

RT: 10.228 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

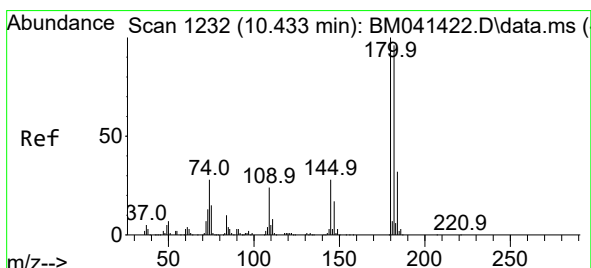
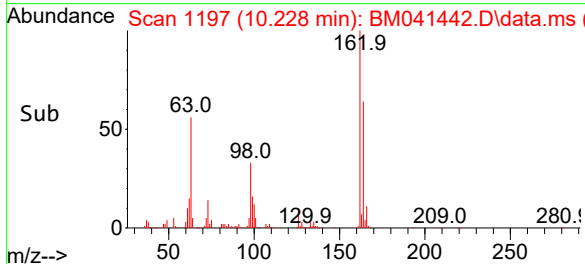
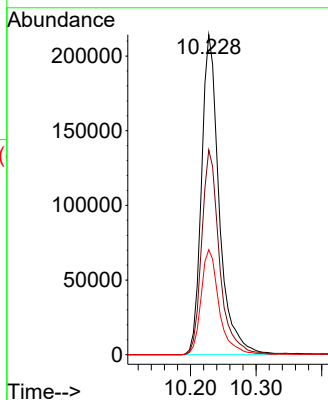
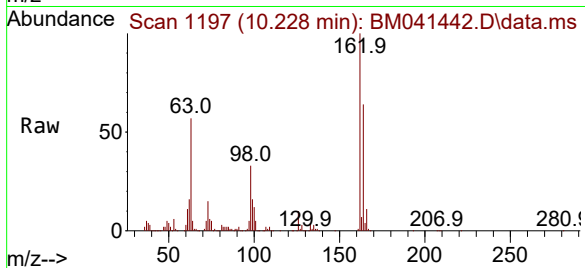
Tgt Ion:162 Resp: 403147

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 32.8 14.6 54.6



#30

1,2,4-Trichlorobenzene

Concen: 35.459 ng

RT: 10.422 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

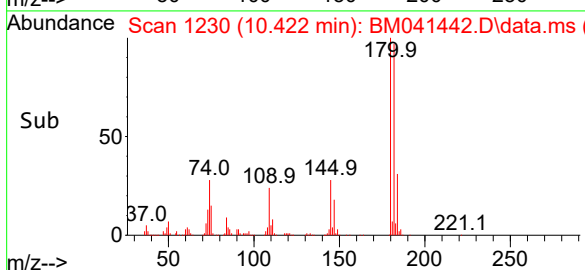
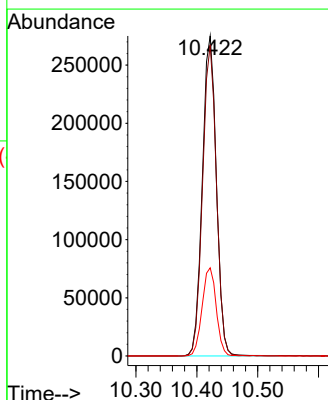
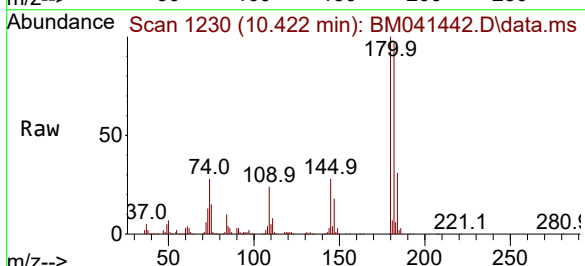
Tgt Ion:180 Resp: 439578

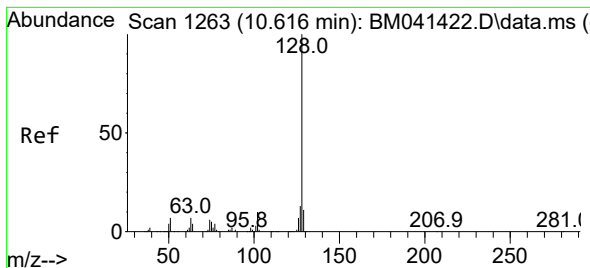
Ion Ratio Lower Upper

180 100

182 97.2 76.6 114.8

145 27.6 22.4 33.6

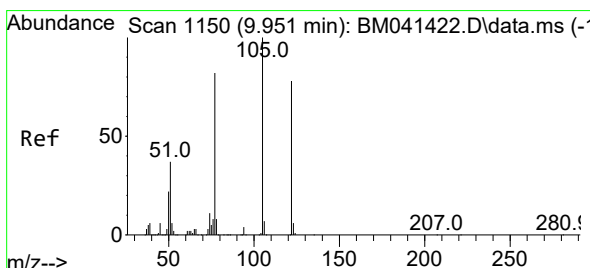
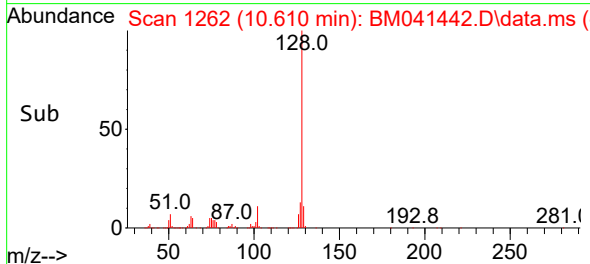
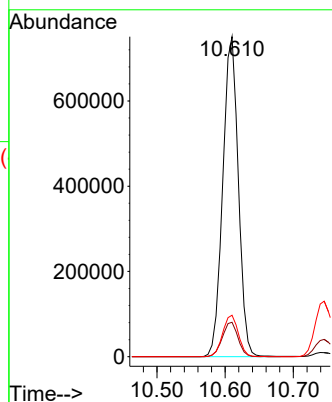
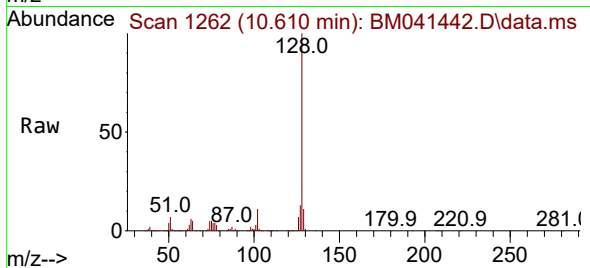




#31
Naphthalene
Concen: 33.069 ng
RT: 10.610 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

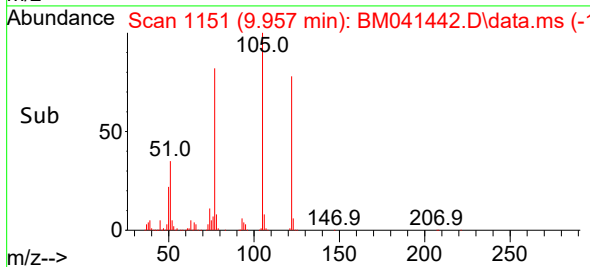
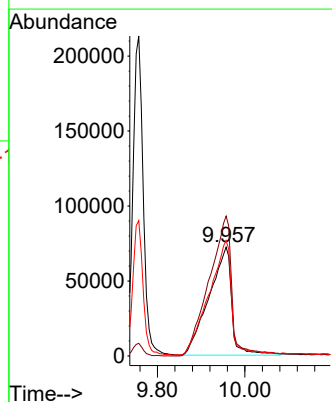
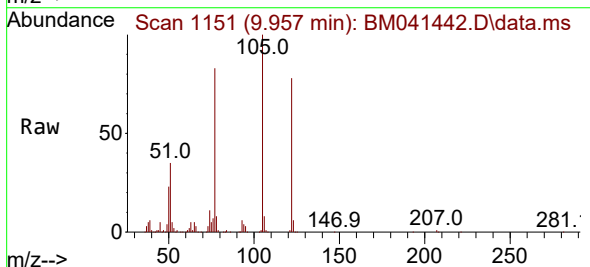
Instrument :
BNA_M
ClientSampleId :
PB154955BS

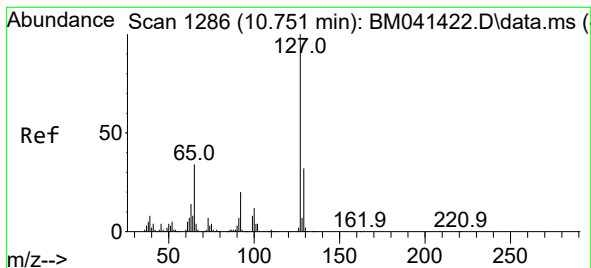
Tgt Ion:128 Resp: 1191513
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 31.923 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:122 Resp: 261300
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 106.0 84.8 124.8





#33

4-Chloroaniline

Concen: 17.334 ng

RT: 10.745 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion:127 Resp: 263680

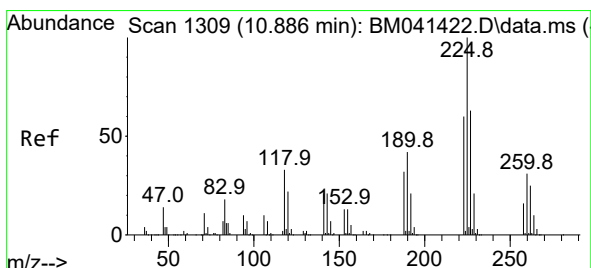
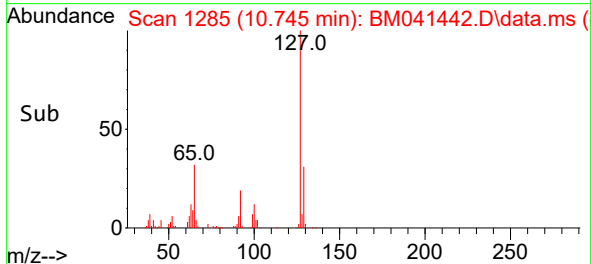
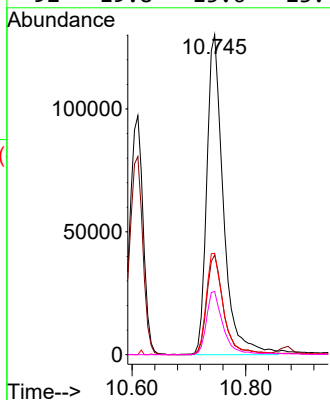
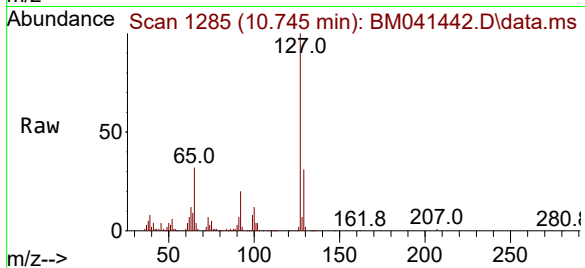
Ion Ratio Lower Upper

127 100

129 31.2 25.4 38.2

65 31.7 27.1 40.7

92 19.8 15.6 23.4



#34

Hexachlorobutadiene

Concen: 34.788 ng

RT: 10.875 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

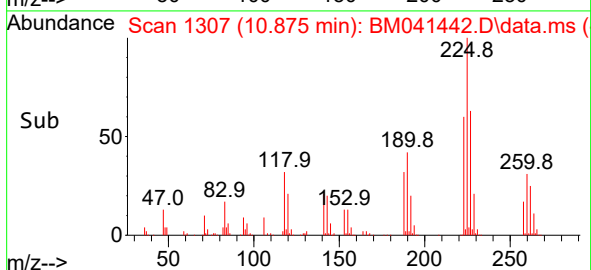
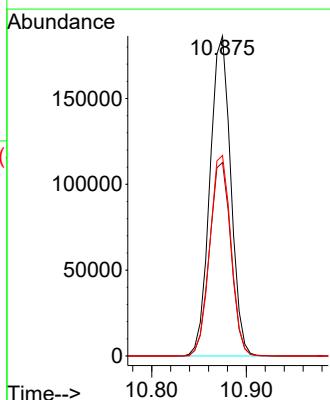
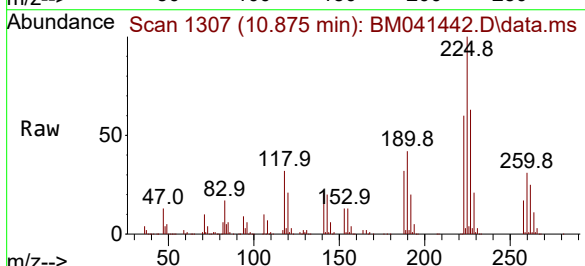
Tgt Ion:225 Resp: 285210

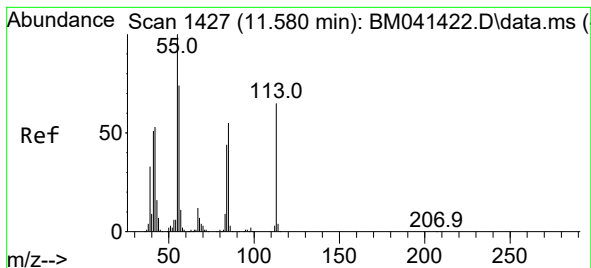
Ion Ratio Lower Upper

225 100

223 60.4 48.1 72.1

227 62.7 50.4 75.6





#35

Caprolactam

Concen: 19.048 ng

RT: 11.569 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

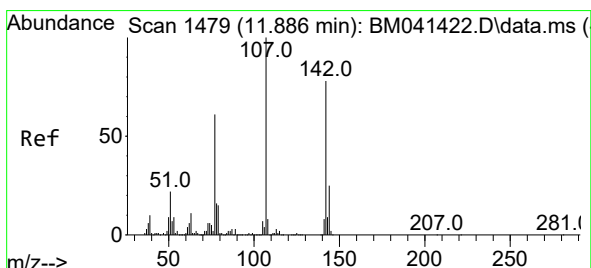
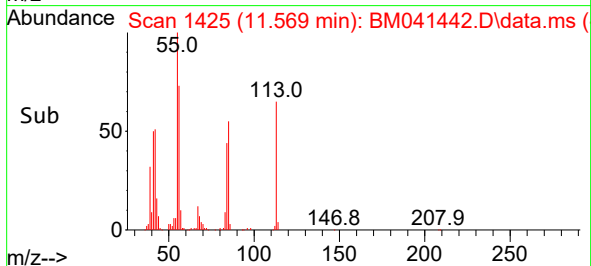
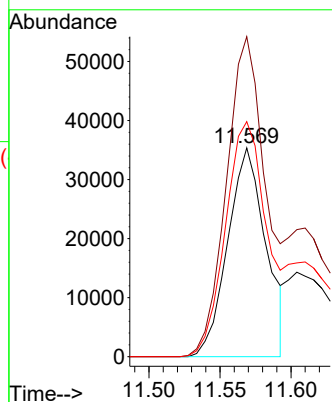
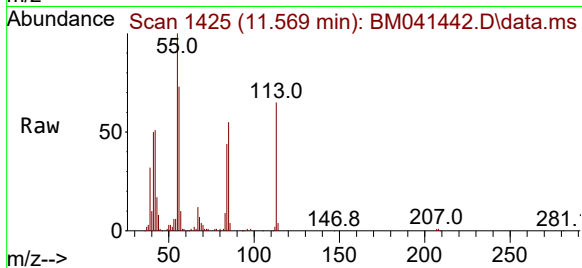
Tgt Ion:113 Resp: 65928

Ion Ratio Lower Upper

113 100

55 153.3 135.3 175.3

56 112.6 94.4 134.4



#36

4-Chloro-3-methylphenol

Concen: 34.408 ng

RT: 11.892 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

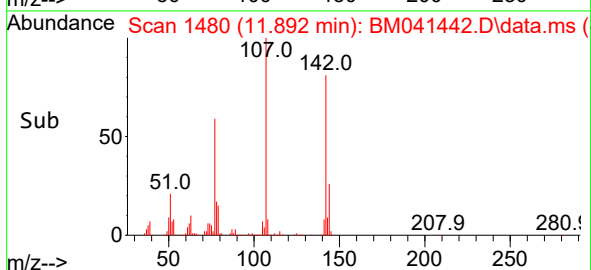
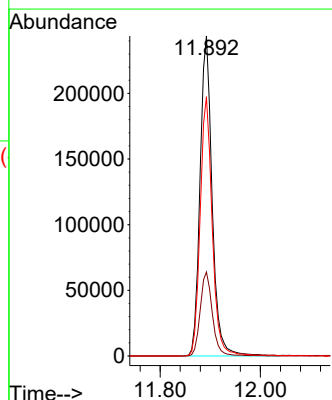
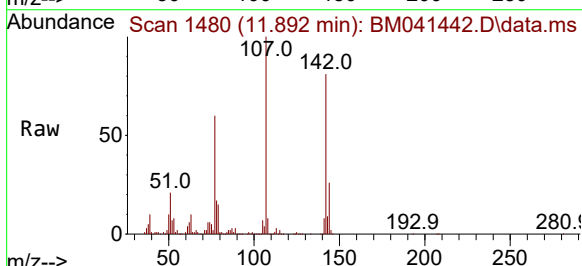
Tgt Ion:107 Resp: 408841

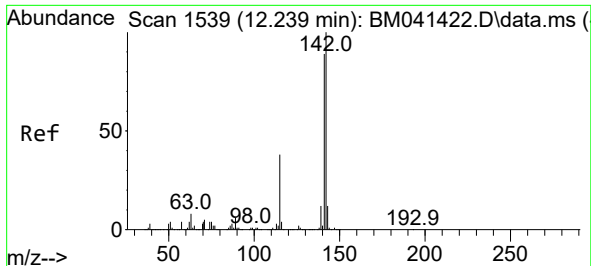
Ion Ratio Lower Upper

107 100

144 26.3 20.3 30.5

142 81.0 62.7 94.1

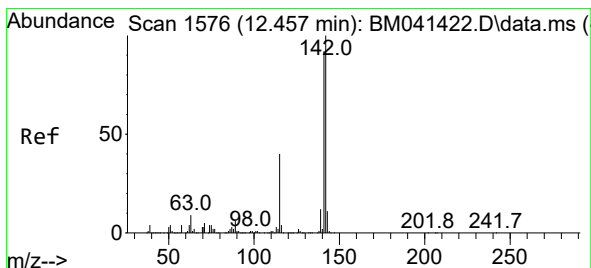
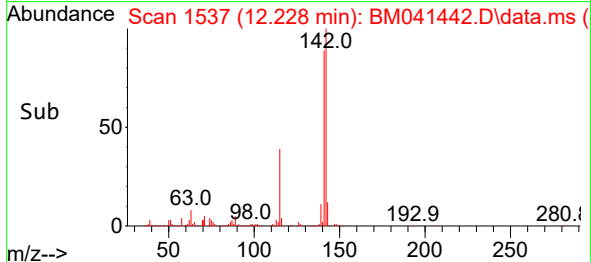
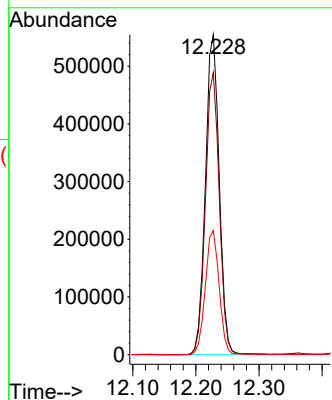
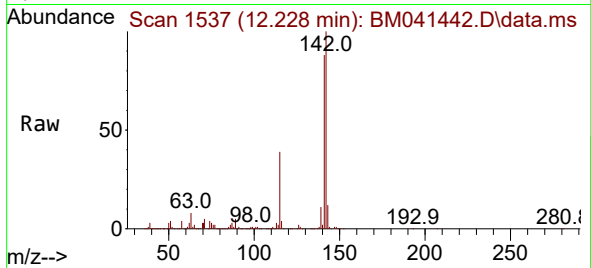




#37
2-Methylnaphthalene
Concen: 32.165 ng
RT: 12.228 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

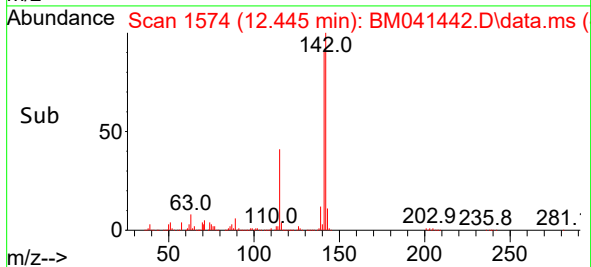
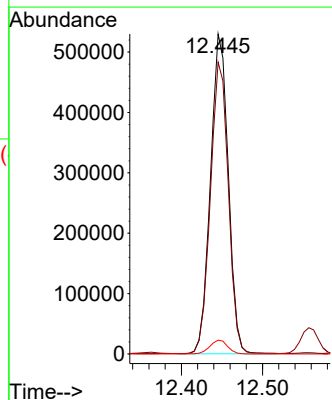
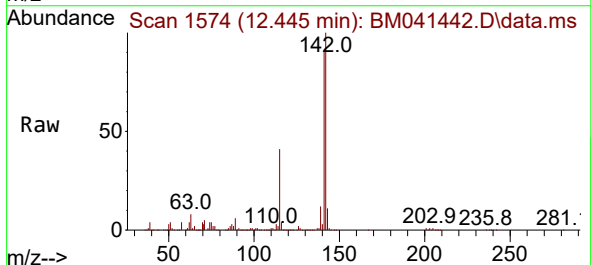
Instrument :
BNA_M
ClientSampleId :
PB154955BS

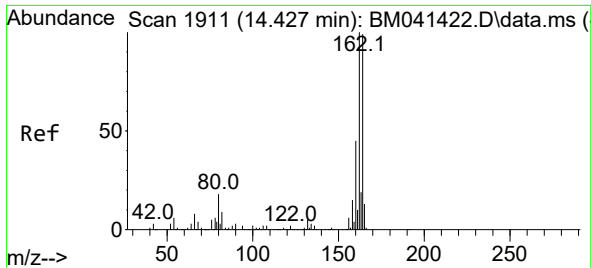
Tgt Ion:142 Resp: 843288
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0
115 38.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 32.577 ng
RT: 12.445 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:142 Resp: 806917
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9
116 4.3 3.3 4.9

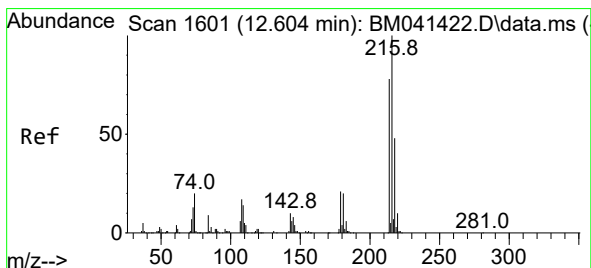
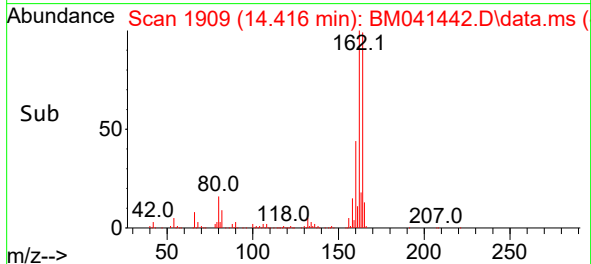
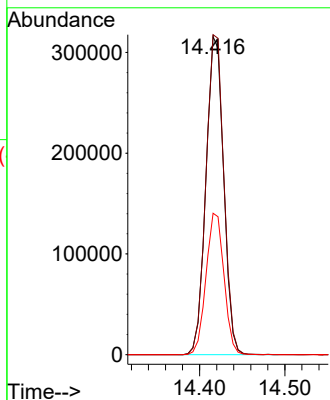
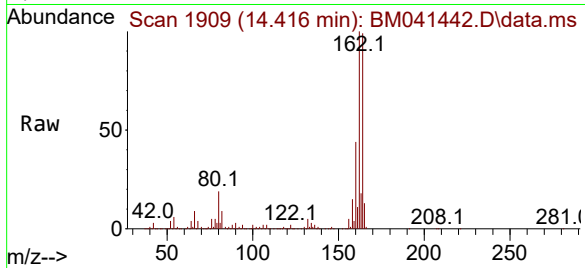




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

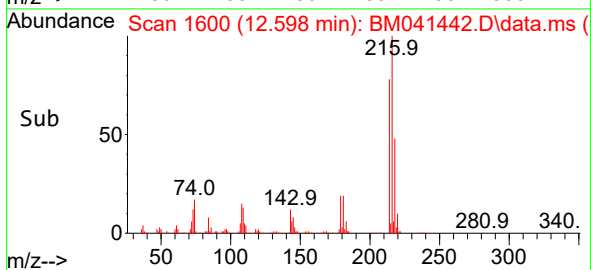
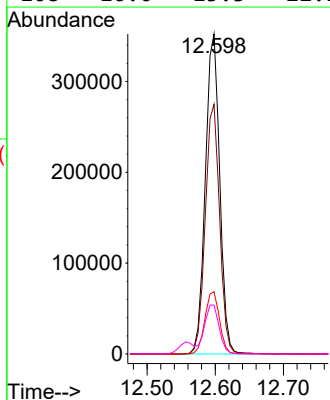
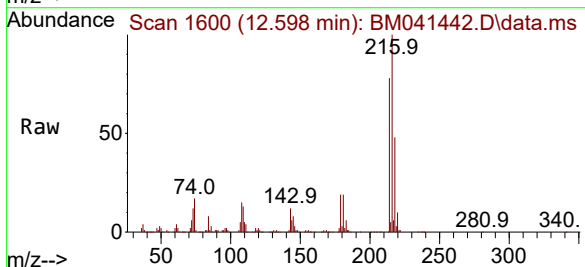
Instrument :
BNA_M
ClientSampleId :
PB154955BS

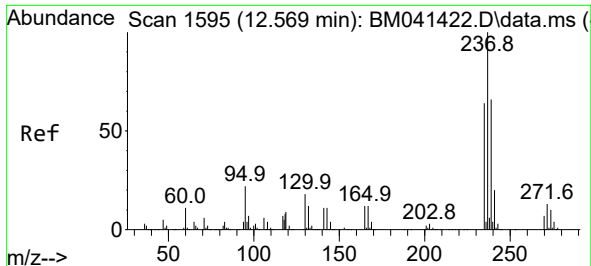
Tgt Ion:164 Resp: 454782
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.834 ng
RT: 12.598 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:216 Resp: 516850
Ion Ratio Lower Upper
216 100
214 77.8 62.4 93.6
179 19.8 16.2 24.4
108 16.0 15.3 22.9

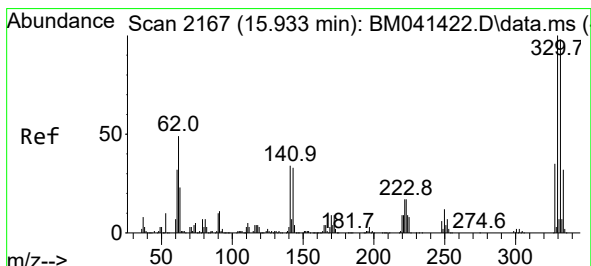
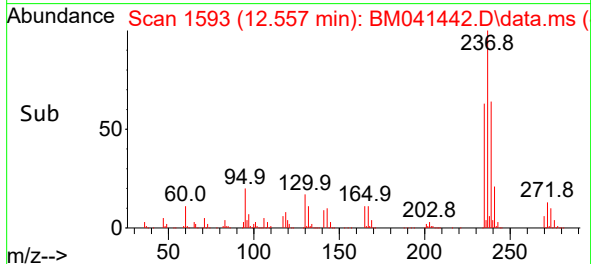
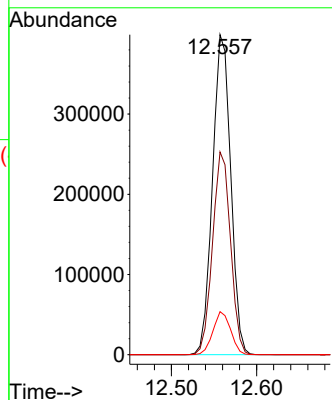
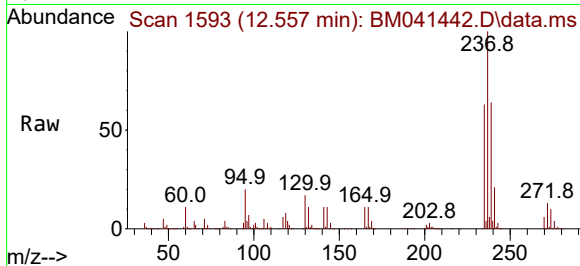




#41
Hexachlorocyclopentadiene
Concen: 73.719 ng
RT: 12.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

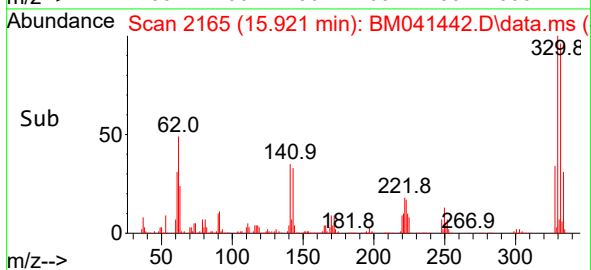
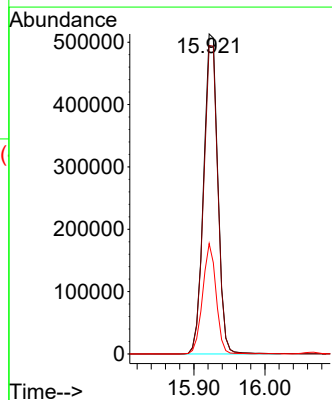
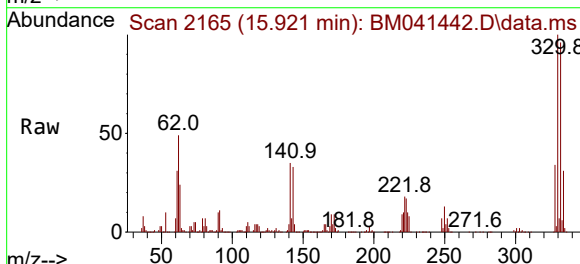
Instrument :
BNA_M
ClientSampleId :
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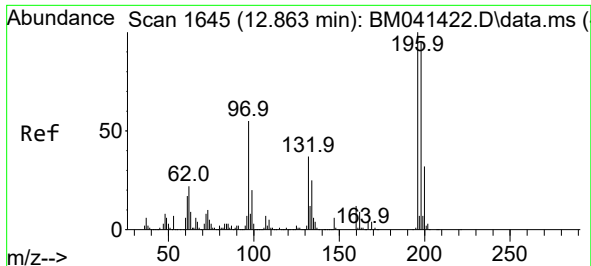
Tgt Ion:237 Resp: 590742
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 99.115 ng
RT: 15.921 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:330 Resp: 715324
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.8 28.3 42.5

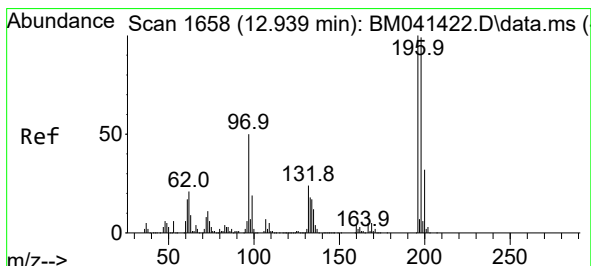
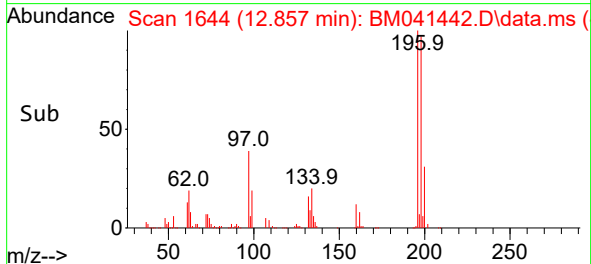
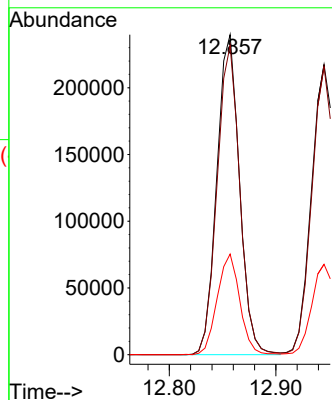
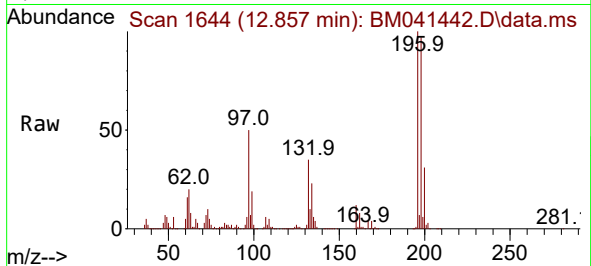




#43
2,4,6-Trichlorophenol
Concen: 35.598 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

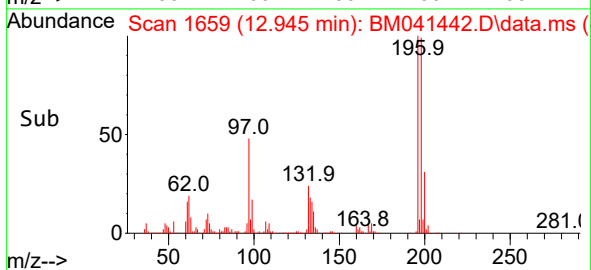
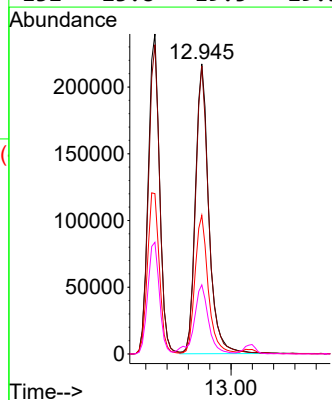
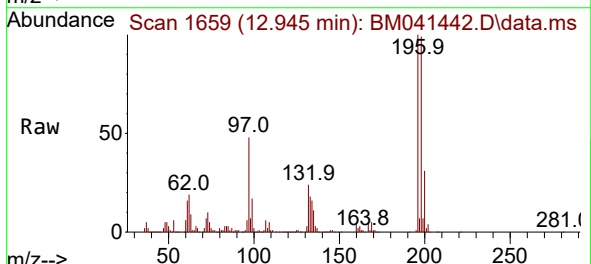
Instrument :
BNA_M
ClientSampleId :
PB154955BS

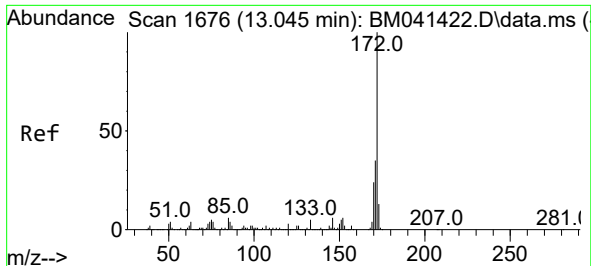
Tgt Ion:196 Resp: 353489
Ion Ratio Lower Upper
196 100
198 96.7 75.9 113.9
200 31.5 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 33.070 ng
RT: 12.945 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:196 Resp: 380157
Ion Ratio Lower Upper
196 100
198 99.3 79.1 118.7
97 47.8 39.9 59.9
132 23.8 19.5 29.3

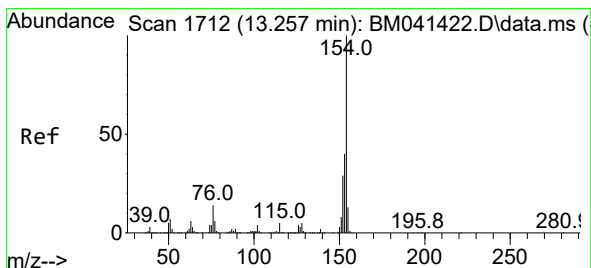
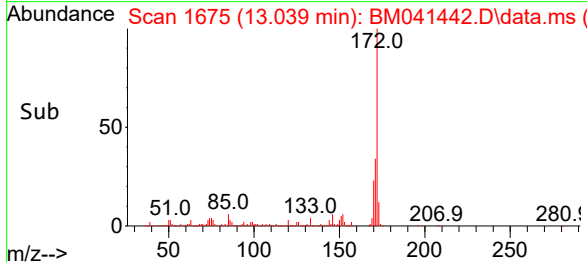
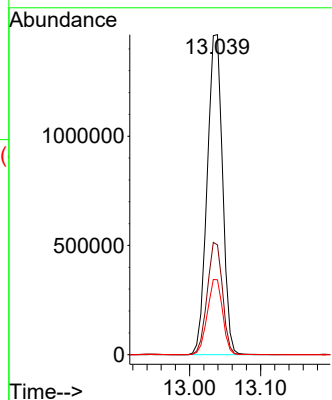
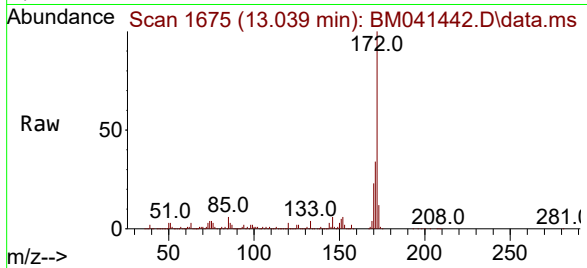




#45
2-Fluorobiphenyl
Concen: 65.037 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

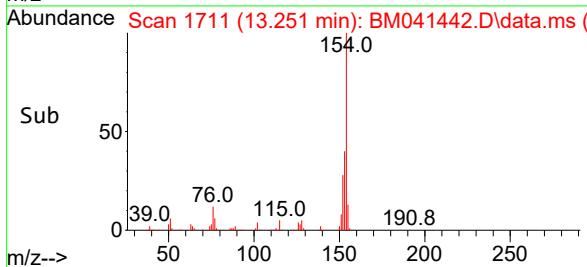
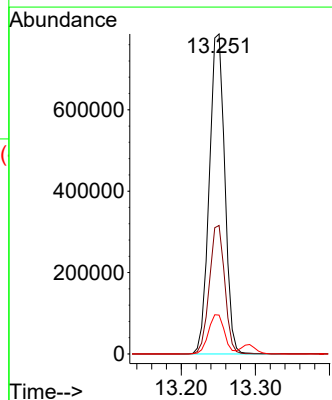
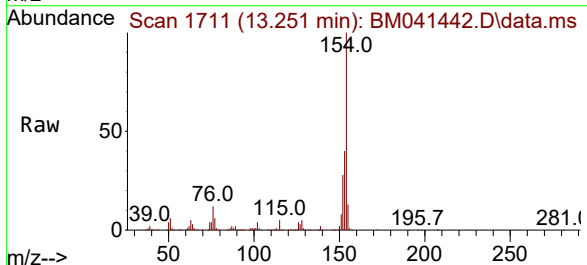
Instrument :
BNA_M
ClientSampleId :
PB154955BS

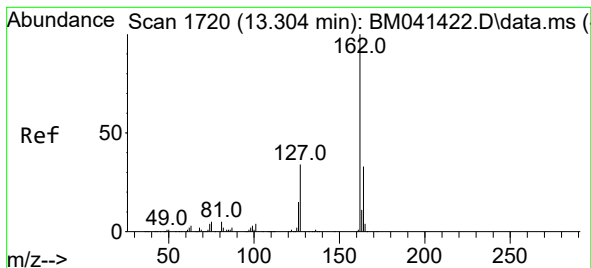
Tgt Ion:172 Resp: 2207251
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 33.190 ng
RT: 13.251 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:154 Resp: 1139128
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 12.1 0.0 33.6





#47

2-Chloronaphthalene

Concen: 34.455 ng

RT: 13.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

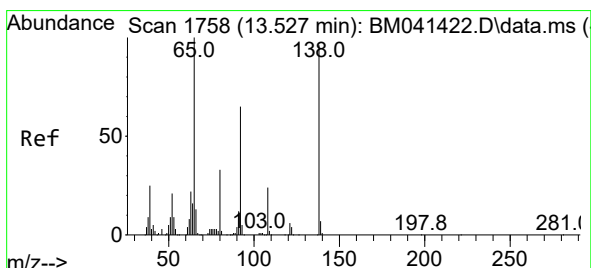
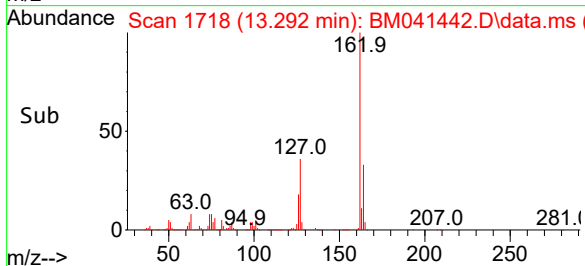
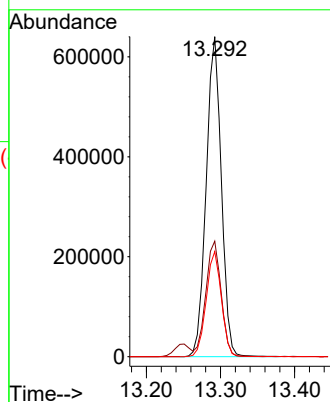
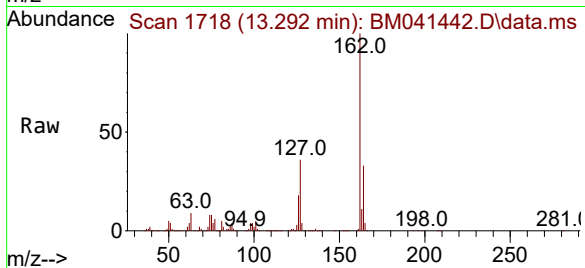
Tgt Ion:162 Resp: 908916

Ion Ratio Lower Upper

162 100

127 36.1 29.6 44.4

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 31.752 ng

RT: 13.522 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

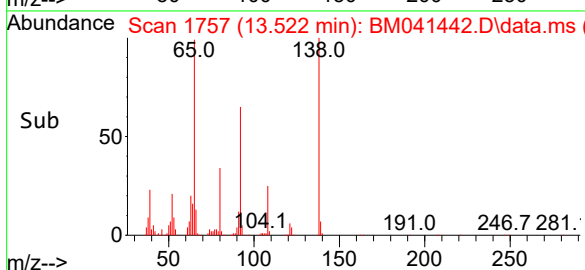
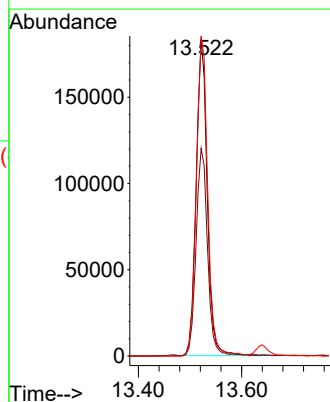
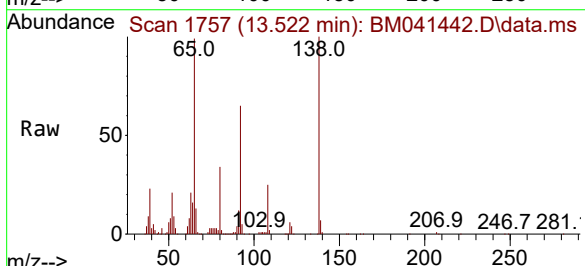
Tgt Ion: 65 Resp: 273683

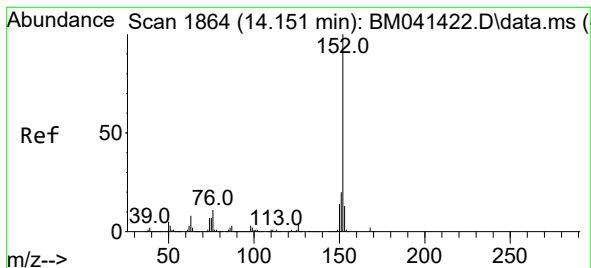
Ion Ratio Lower Upper

65 100

92 65.3 51.9 77.9

138 100.8 76.8 115.2





#49

Acenaphthylene

Concen: 34.237 ng

RT: 14.139 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

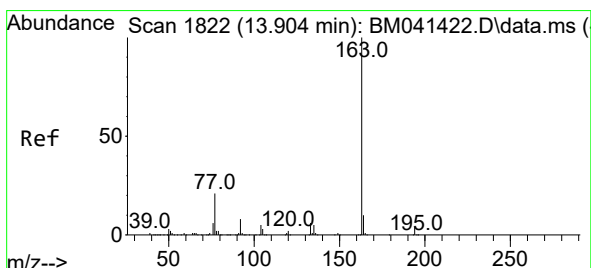
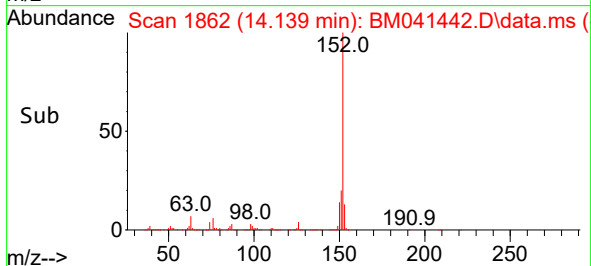
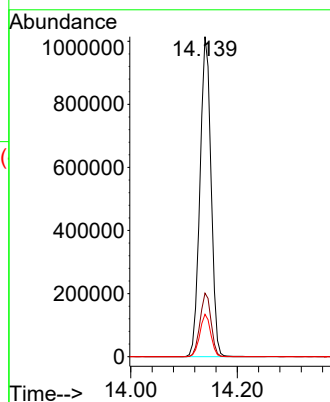
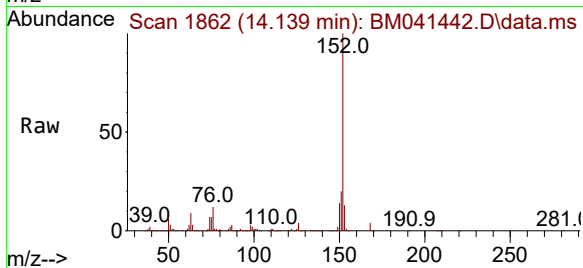
Tgt Ion:152 Resp: 1463526

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 32.434 ng

RT: 13.892 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

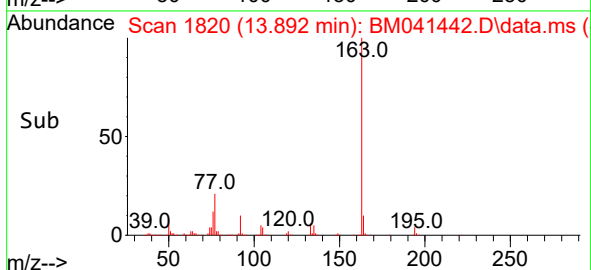
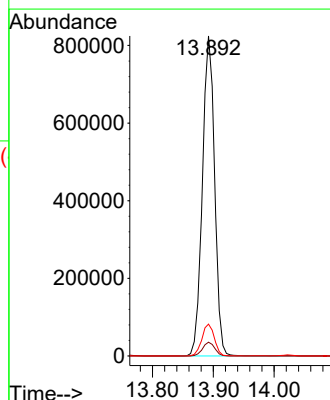
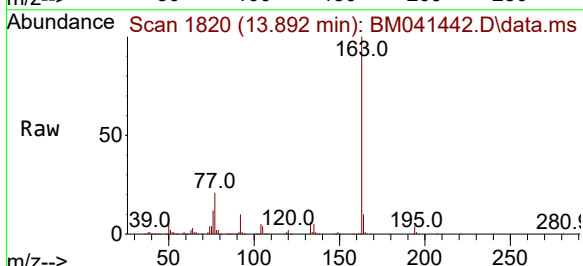
Tgt Ion:163 Resp: 1151788

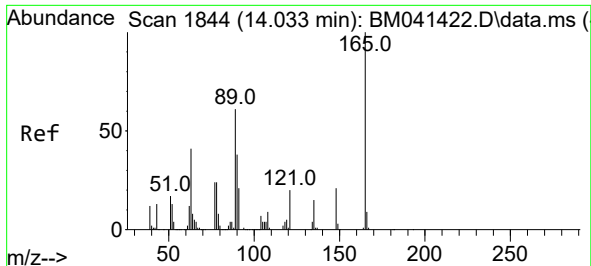
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 8.1 12.1

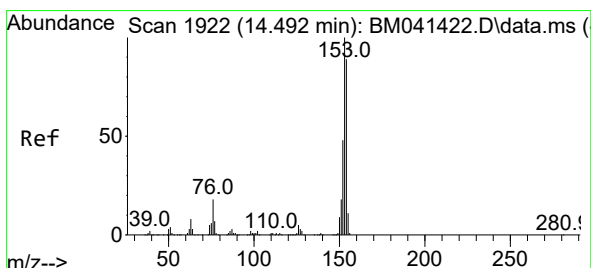
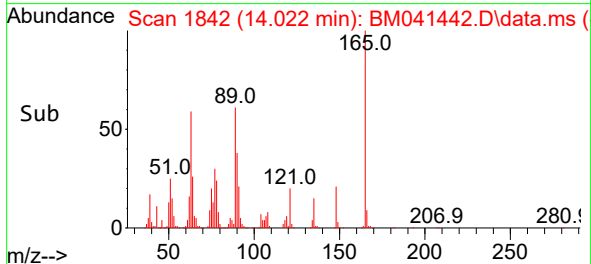
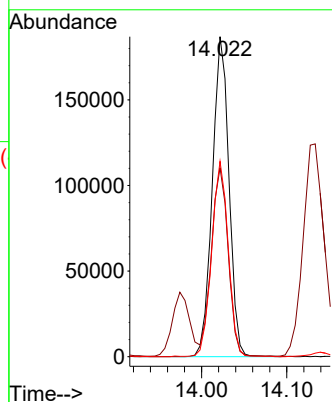
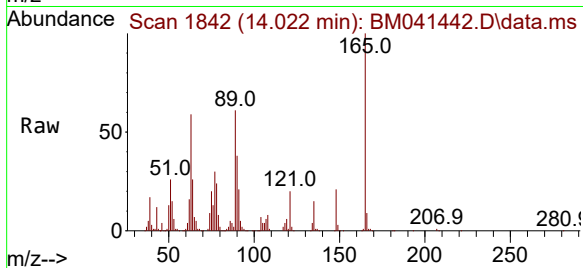




#51
2,6-Dinitrotoluene
Concen: 33.267 ng
RT: 14.022 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

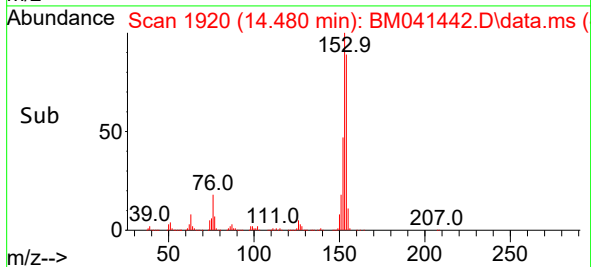
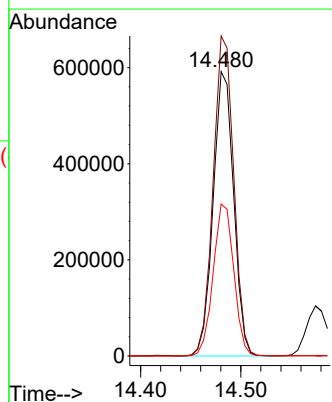
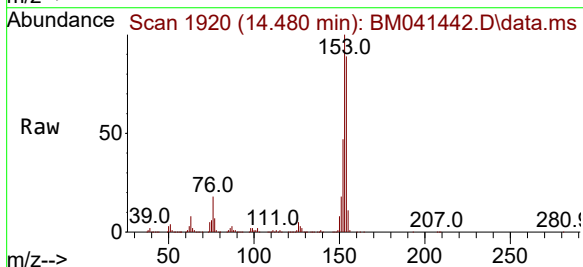
Instrument :
BNA_M
ClientSampleId :
PB154955BS

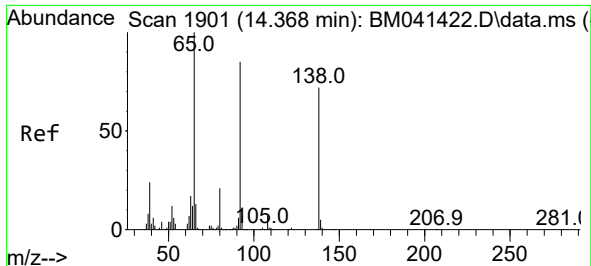
Tgt Ion:165 Resp: 253185
Ion Ratio Lower Upper
165 100
63 59.0 49.5 74.3
89 61.0 49.4 74.0



#52
Acenaphthene
Concen: 32.836 ng
RT: 14.480 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:154 Resp: 839494
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 53.5 43.1 64.7

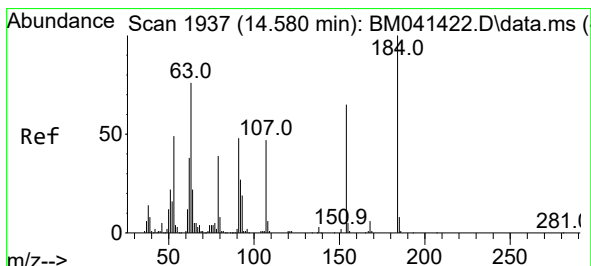
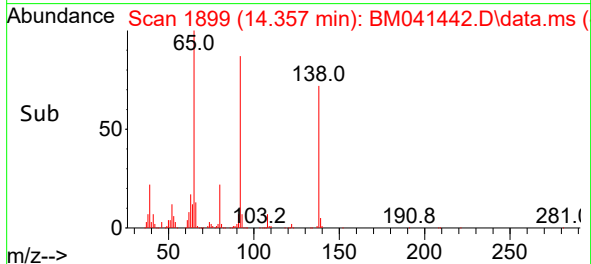
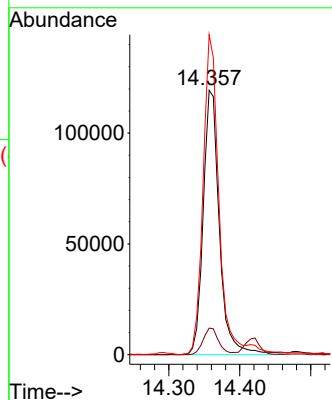
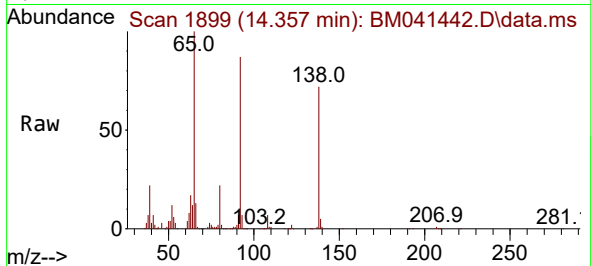




#53
3-Nitroaniline
Concen: 24.989 ng
RT: 14.357 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

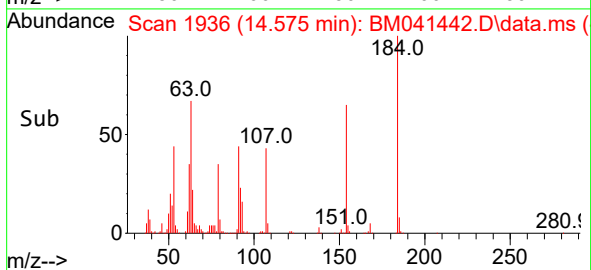
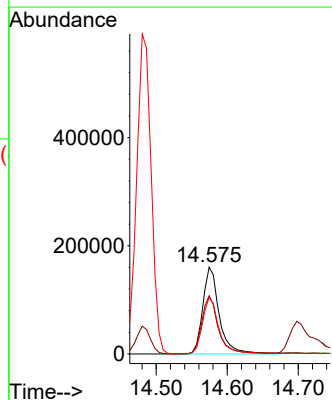
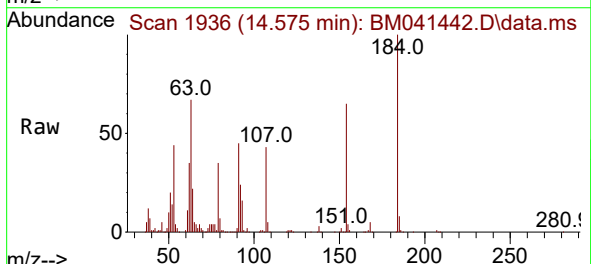
Instrument :
BNA_M
ClientSampleId :
PB154955BS

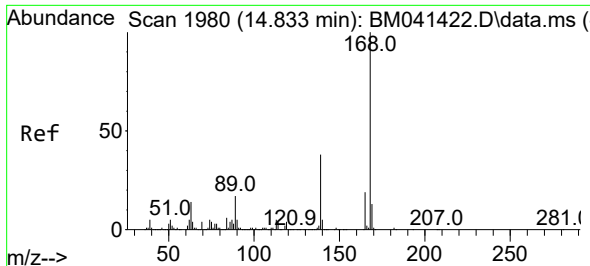
Tgt Ion:138 Resp: 189667
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 121.0 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 54.468 ng
RT: 14.575 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:184 Resp: 259285
Ion Ratio Lower Upper
184 100
63 67.2 61.1 91.7
154 65.1 52.4 78.6

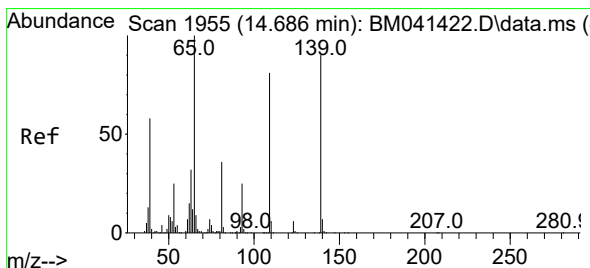
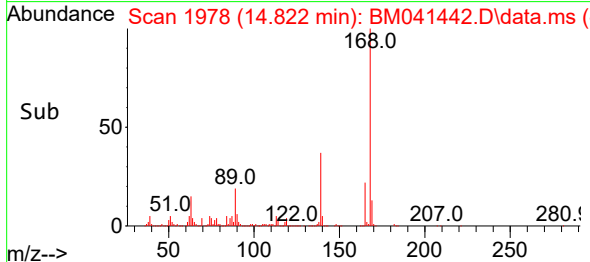
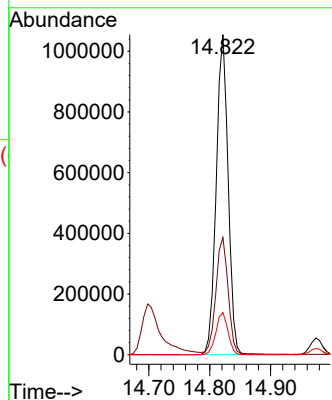
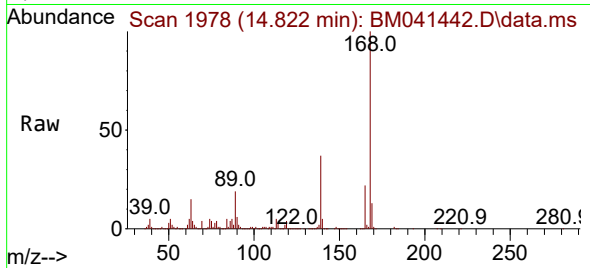




#55
Dibenzenofuran
Concen: 33.217 ng
RT: 14.822 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

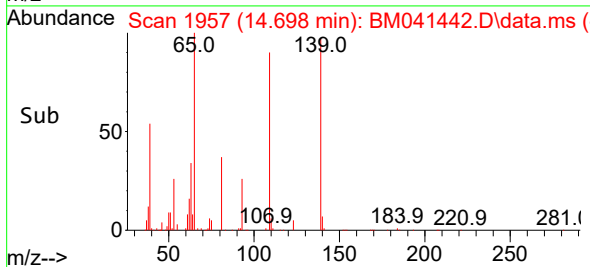
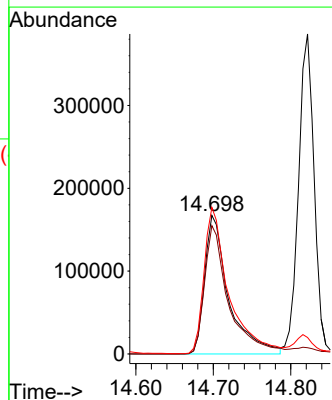
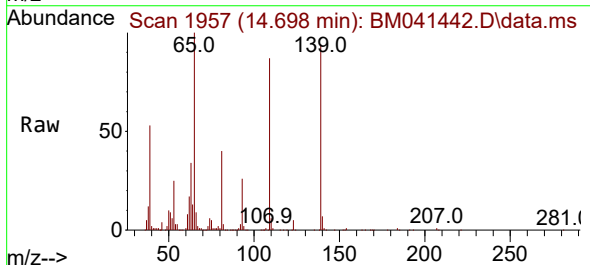
Instrument :
BNA_M
ClientSampleId :
PB154955BS

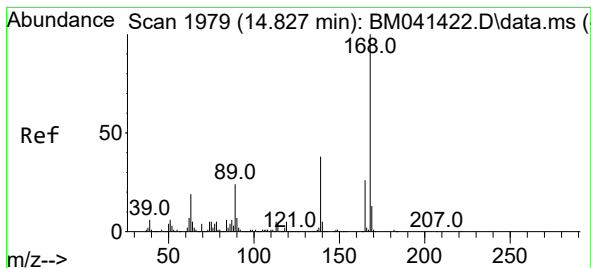
Tgt Ion:168 Resp: 1424089
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.2
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 63.290 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:139 Resp: 361722
Ion Ratio Lower Upper
139 100
109 92.6 70.6 110.6
65 105.9 91.8 131.8

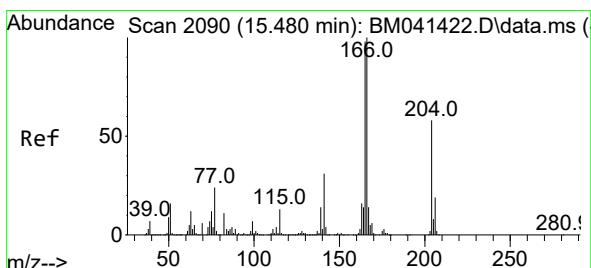
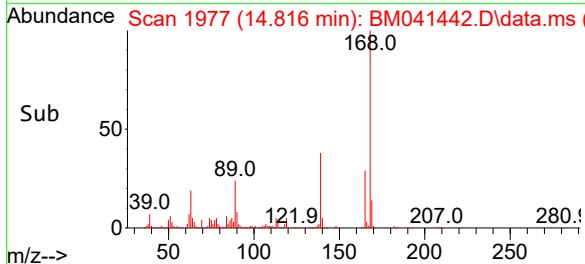
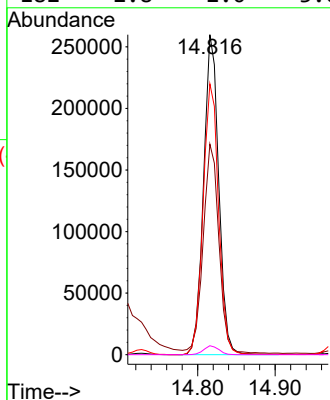
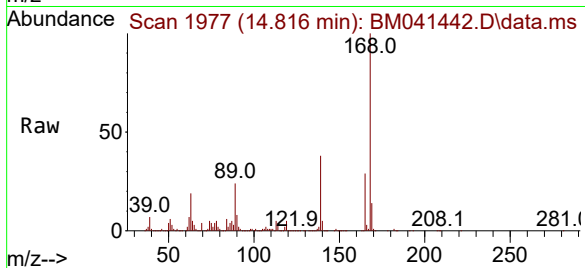




#57
2,4-Dinitrotoluene
Concen: 33.993 ng
RT: 14.816 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

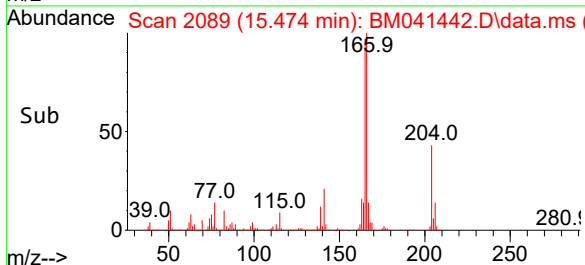
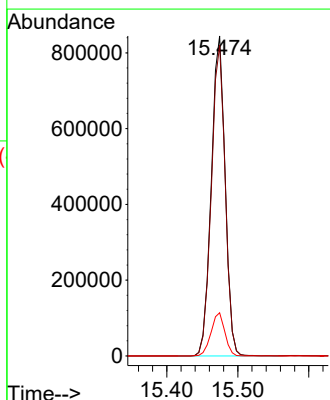
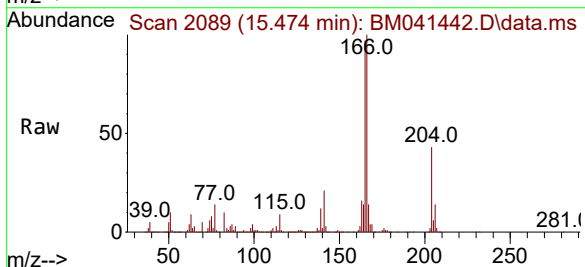
Instrument :
BNA_M
ClientSampleId :
PB154955BS

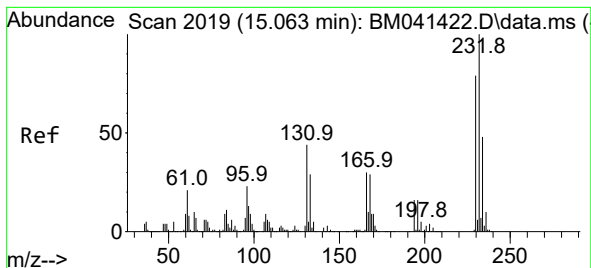
Tgt Ion:165 Resp: 353557
Ion Ratio Lower Upper
165 100
63 65.8 56.8 85.2
89 84.6 73.4 110.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 33.247 ng
RT: 15.474 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:166 Resp: 1142318
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.4
167 13.5 11.2 16.8

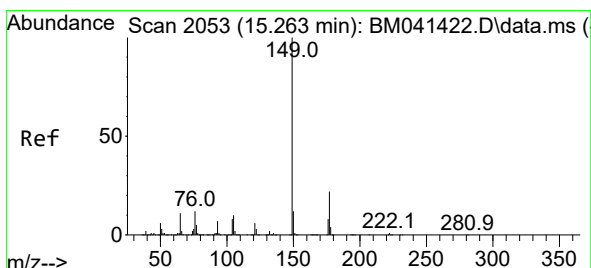
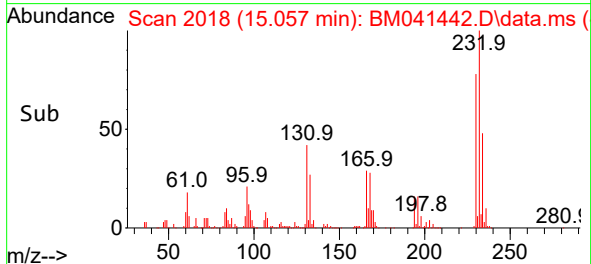
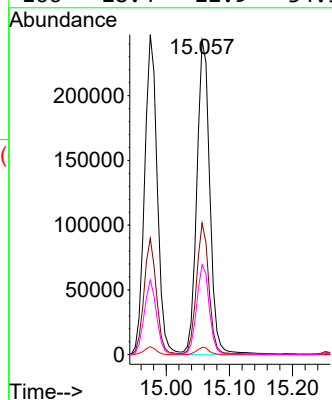
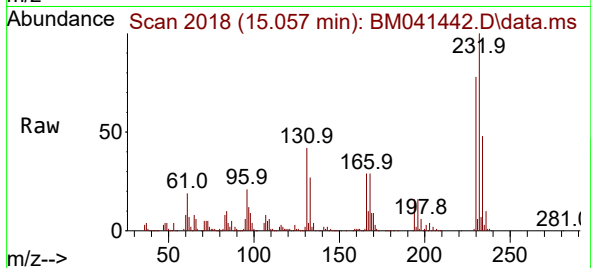




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.270 ng
RT: 15.057 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

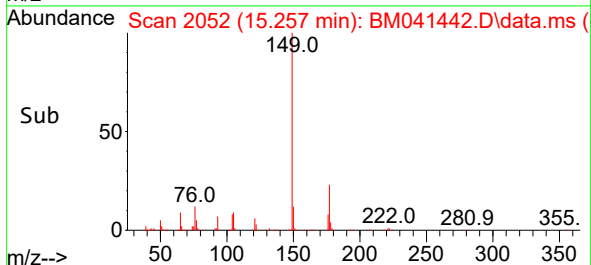
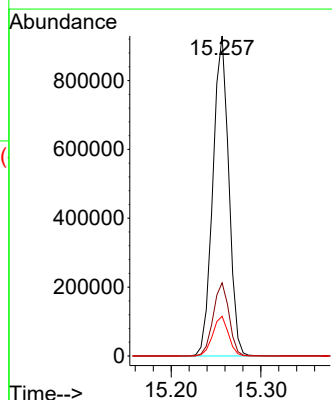
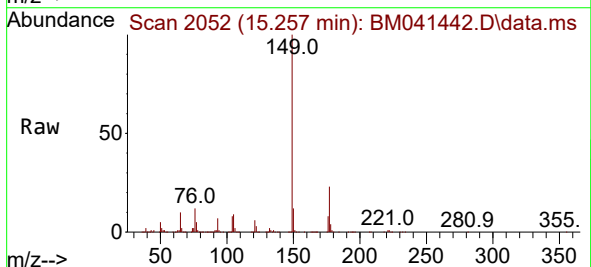
Instrument :
BNA_M
ClientSampleId :
PB154955BS

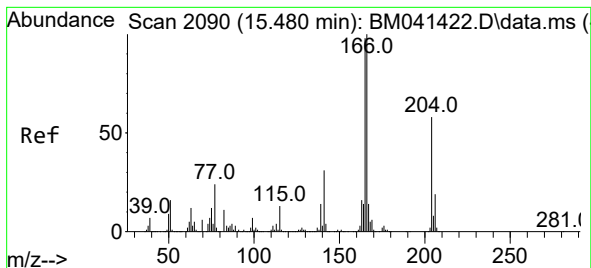
Tgt Ion:232 Resp: 344582
Ion Ratio Lower Upper
232 100
131 41.2 34.7 52.1
130 2.3 1.9 2.9
166 28.4 22.9 34.3



#60
Diethylphthalate
Concen: 32.190 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:149 Resp: 1142113
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.4 9.8 14.8

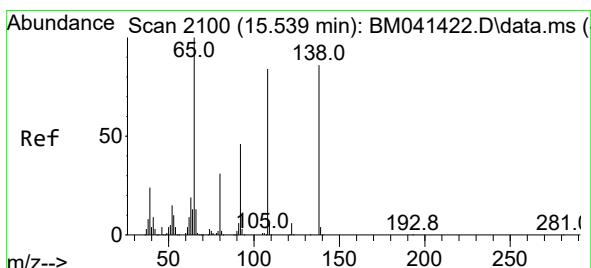
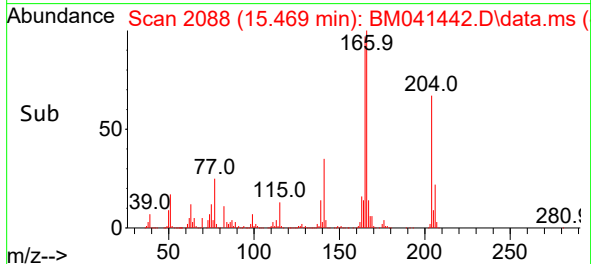
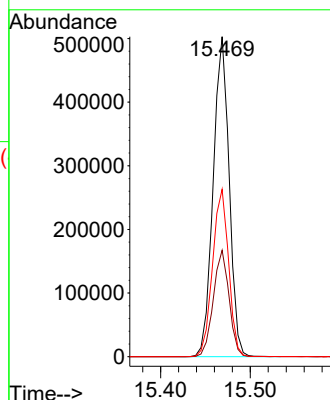
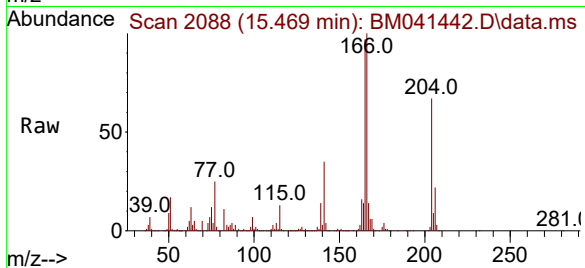




#61
4-Chlorophenyl-phenylether
Concen: 33.552 ng
RT: 15.469 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

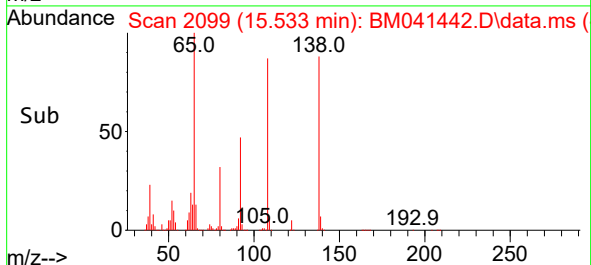
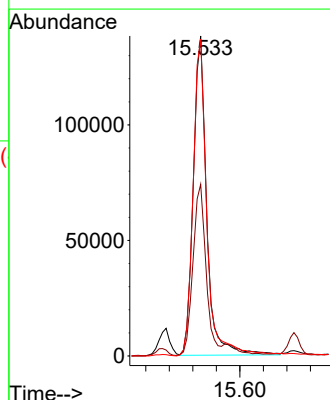
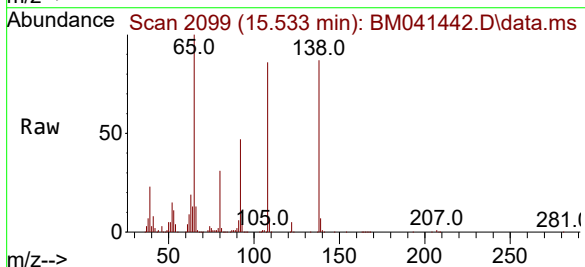
Instrument :
BNA_M
ClientSampleId :
PB154955BS

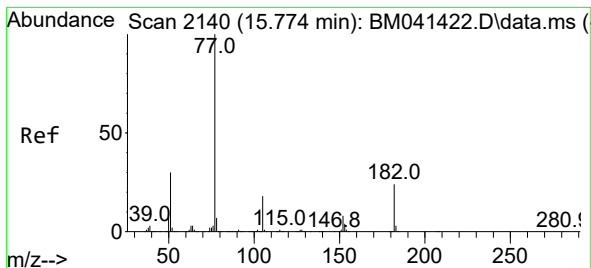
Tgt Ion:204 Resp: 621512
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.3 42.9 64.3



#62
4-Nitroaniline
Concen: 31.614 ng
RT: 15.533 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:138 Resp: 218901
Ion Ratio Lower Upper
138 100
92 53.7 33.5 73.5
108 99.0 76.6 116.6





#63

Azobenzene

Concen: 31.359 ng

RT: 15.763 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

Tgt Ion: 77 Resp: 1121027

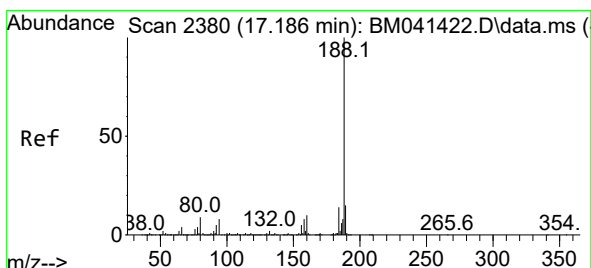
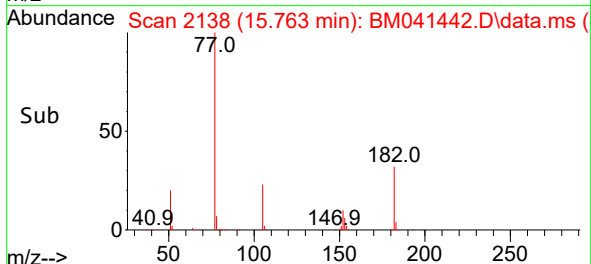
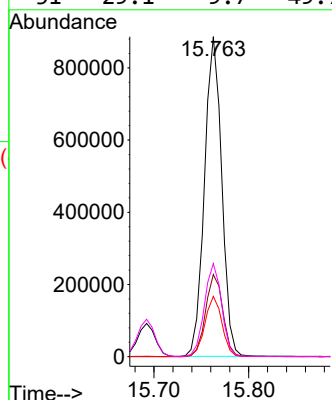
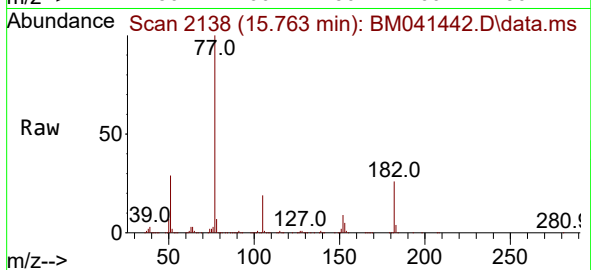
Ion Ratio Lower Upper

77 100

182 25.7 3.7 43.7

105 18.8 0.0 37.7

51 29.1 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2379

Delta R.T. 0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

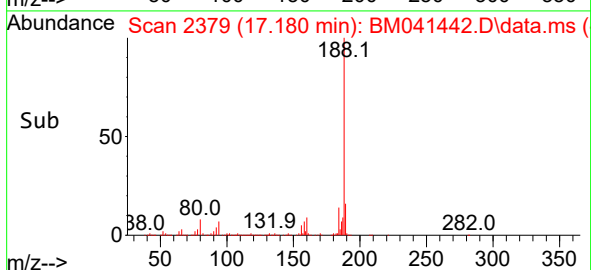
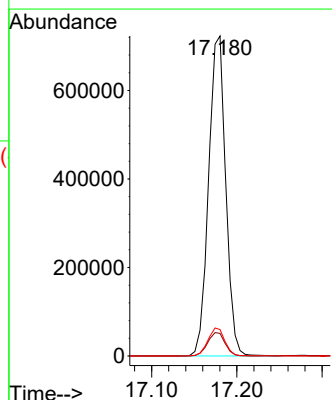
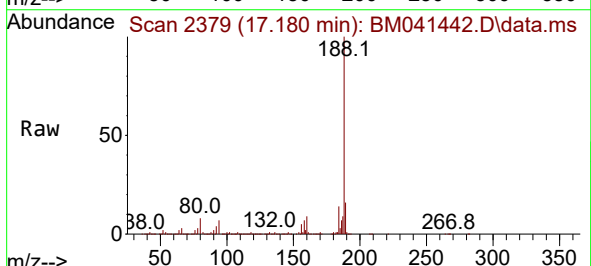
Tgt Ion:188 Resp: 1008039

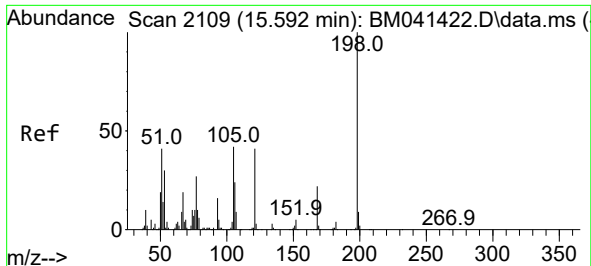
Ion Ratio Lower Upper

188 100

94 7.0 6.6 9.8

80 8.2 7.5 11.3

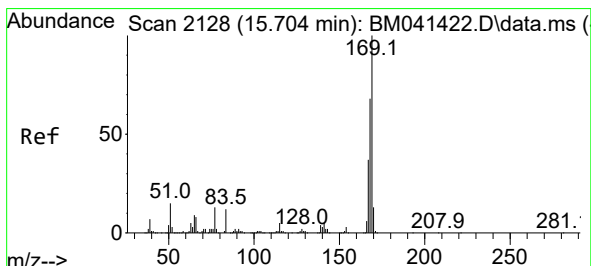
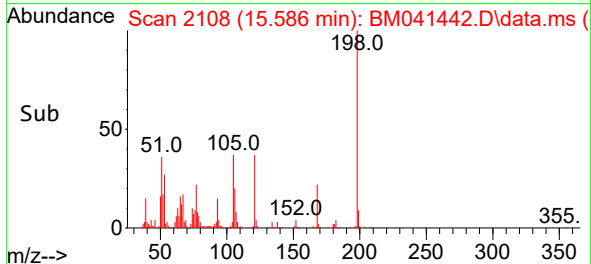
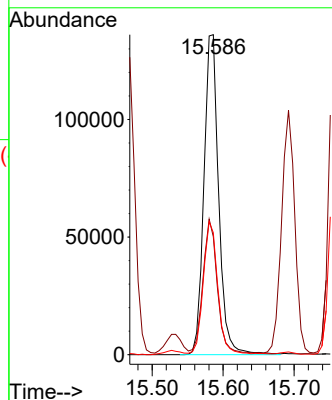
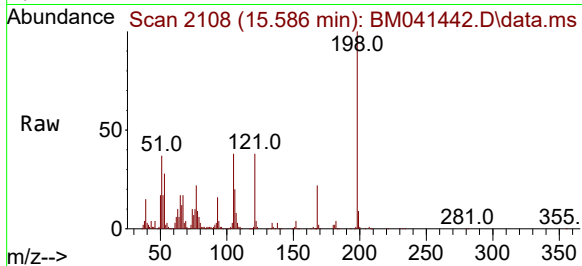




#65
4,6-Dinitro-2-methylphenol
Concen: 30.581 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

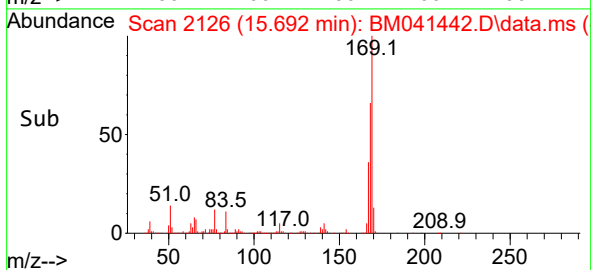
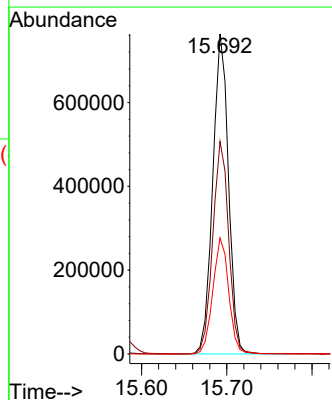
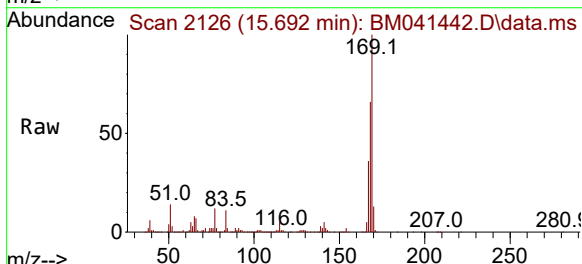
Instrument :
BNA_M
ClientSampleId :
PB154955BS

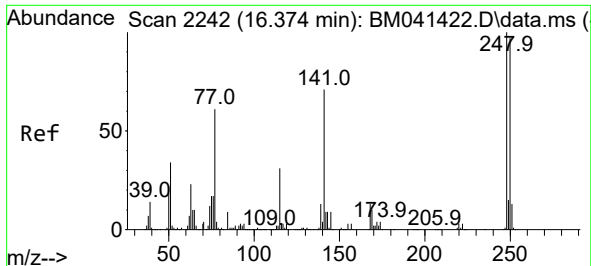
Tgt Ion:198 Resp: 197336
Ion Ratio Lower Upper
198 100
51 36.8 23.2 63.2
105 38.1 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 33.079 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:169 Resp: 981562
Ion Ratio Lower Upper
169 100
168 66.4 54.5 81.7
167 36.3 29.9 44.9

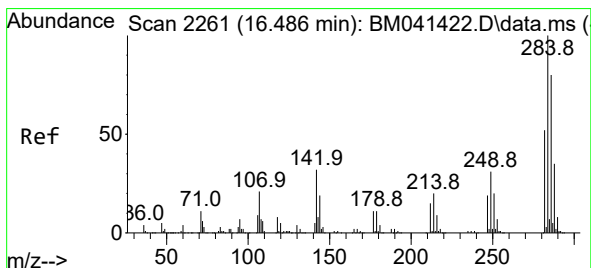
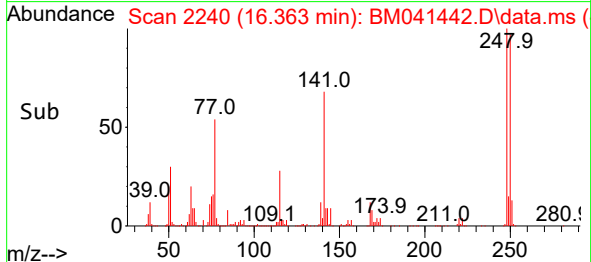
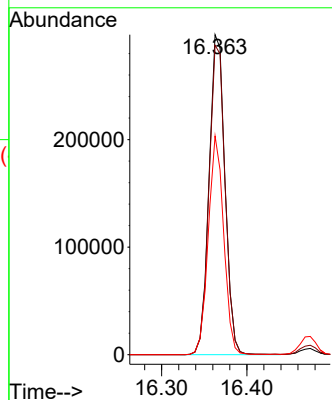
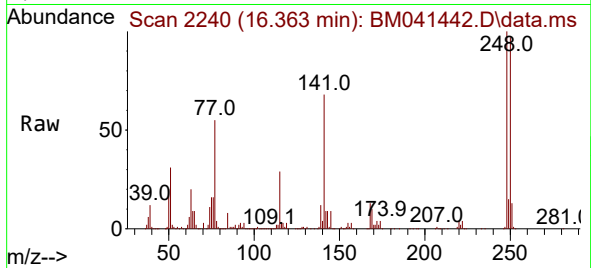




#67
4-Bromophenyl-phenylether
Concen: 33.422 ng
RT: 16.363 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

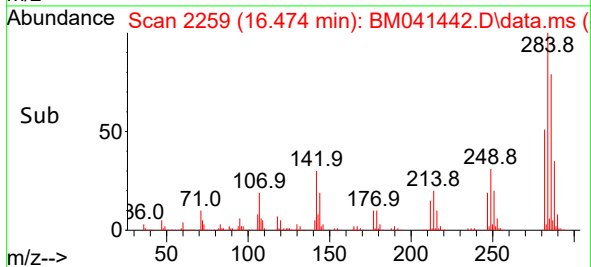
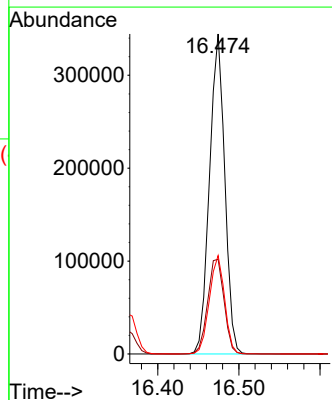
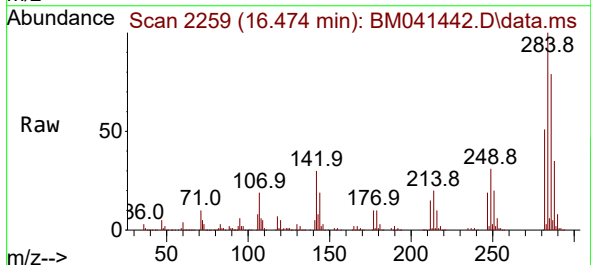
Instrument :
BNA_M
ClientSampleId :
PB154955BS

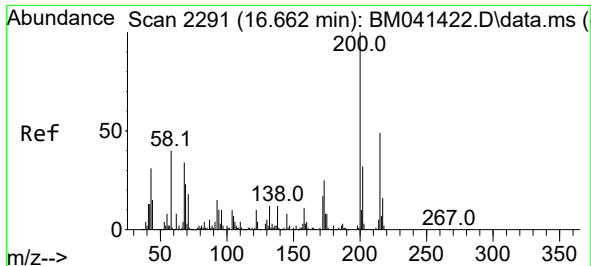
Tgt Ion:248 Resp: 386074
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 68.4 56.7 85.1



#68
Hexachlorobenzene
Concen: 35.651 ng
RT: 16.474 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM041442.D
Acq: 21 Aug 2023 11:13

Tgt Ion:284 Resp: 449424
Ion Ratio Lower Upper
284 100
142 29.6 25.4 38.2
249 30.7 24.4 36.6

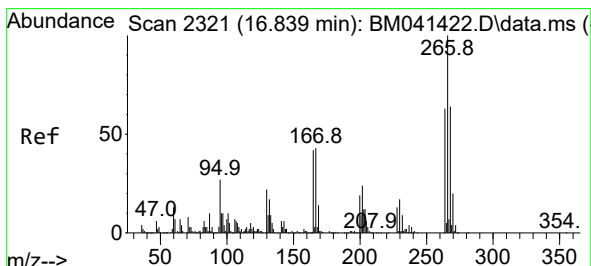
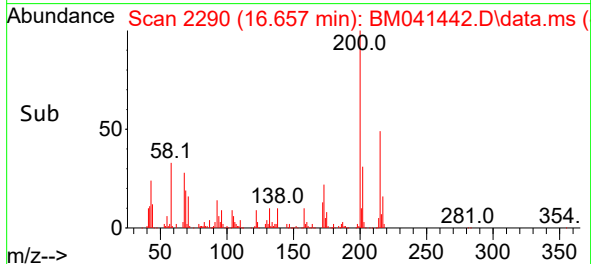
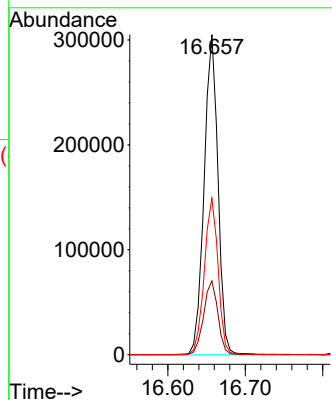
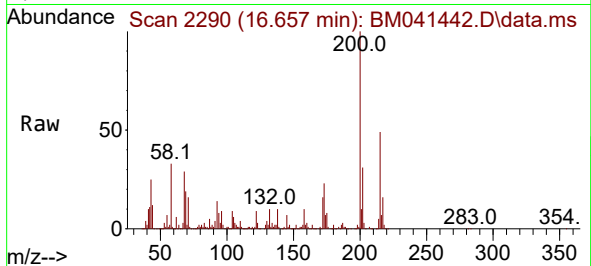




#69
 Atrazine
 Concen: 44.924 ng
 RT: 16.657 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

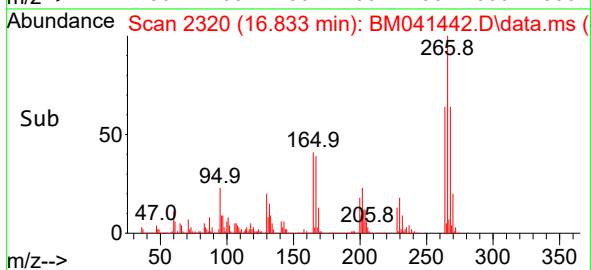
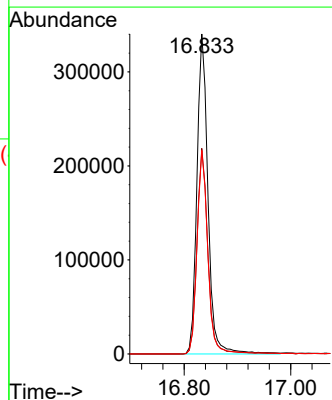
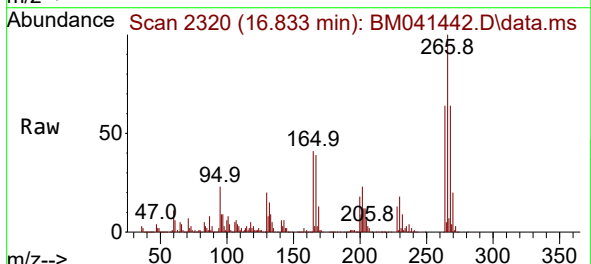
Instrument :
 BNA_M
 ClientSampleId :
 PB154955BS

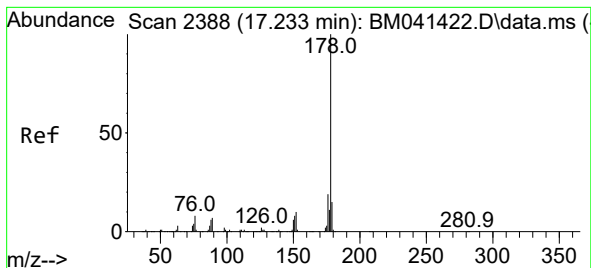
Tgt Ion:200 Resp: 378285
 Ion Ratio Lower Upper
 200 100
 173 23.0 4.7 44.7
 215 48.8 29.4 69.4



#70
 Pentachlorophenol
 Concen: 55.402 ng
 RT: 16.833 min Scan# 2320
 Delta R.T. 0.000 min
 Lab File: BM041442.D
 Acq: 21 Aug 2023 11:13

Tgt Ion:266 Resp: 489061
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.9 76.3
 264 63.6 50.2 75.2





#71

Phenanthrene

Concen: 33.284 ng

RT: 17.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

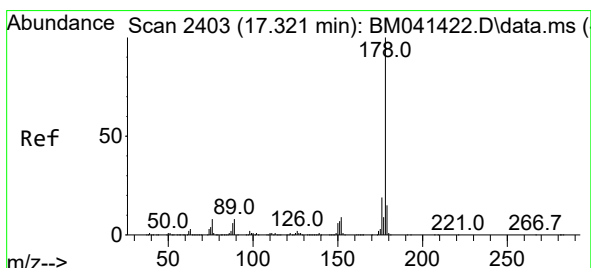
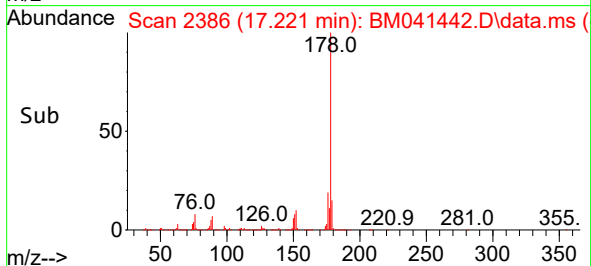
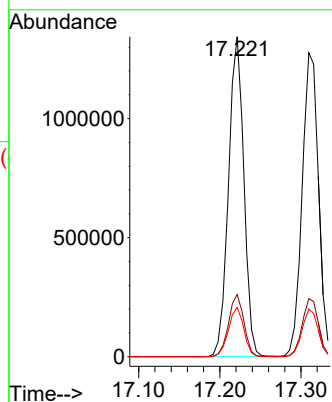
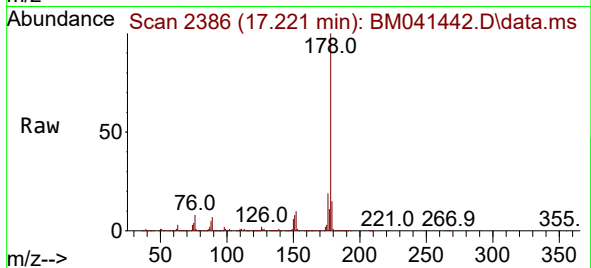
Tgt Ion:178 Resp: 1771062

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.4 12.2 18.4



#72

Anthracene

Concen: 33.366 ng

RT: 17.310 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

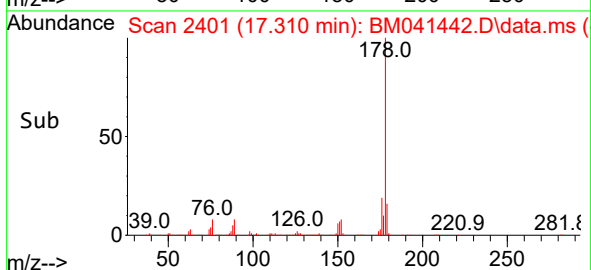
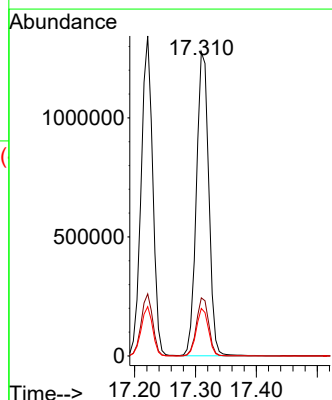
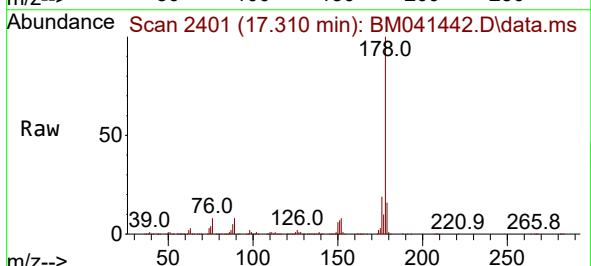
Tgt Ion:178 Resp: 1800348

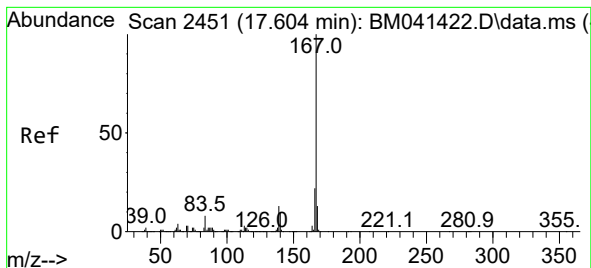
Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.6 12.2 18.2





#73

Carbazole

Concen: 33.338 ng

RT: 17.598 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

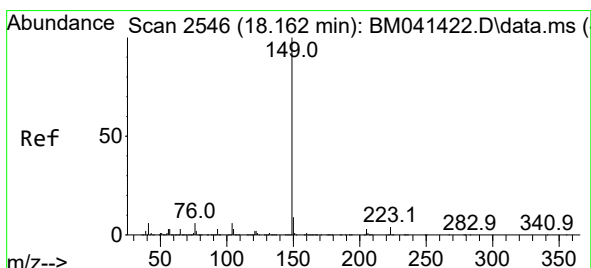
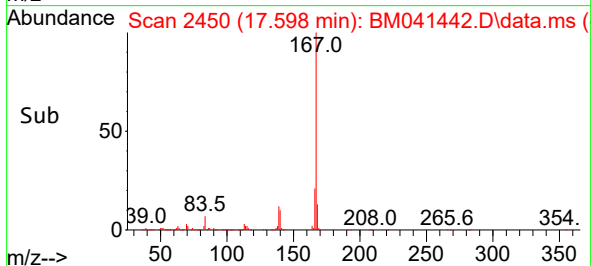
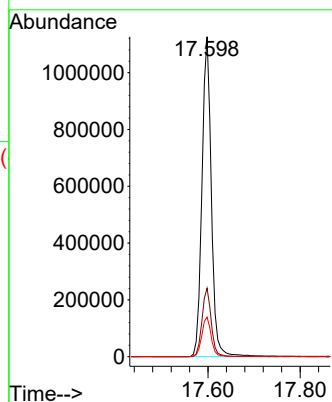
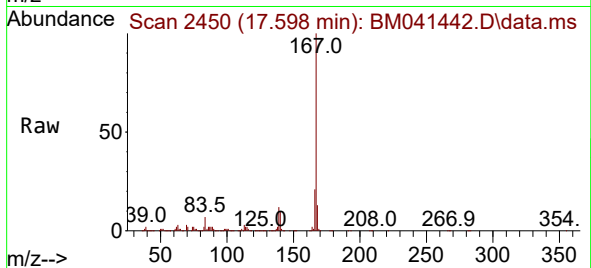
Tgt Ion:167 Resp: 1600536

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 32.967 ng

RT: 18.151 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

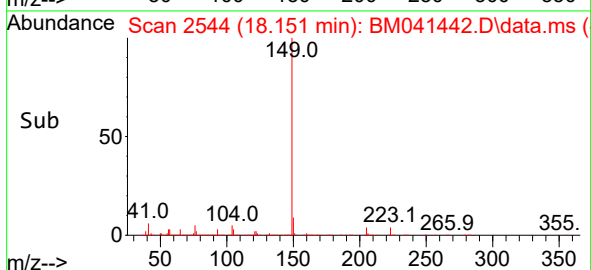
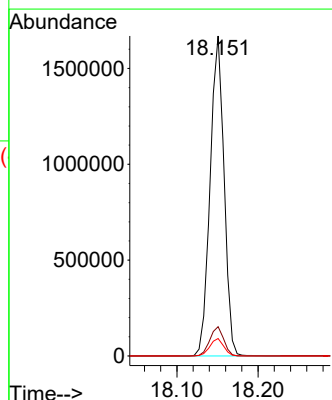
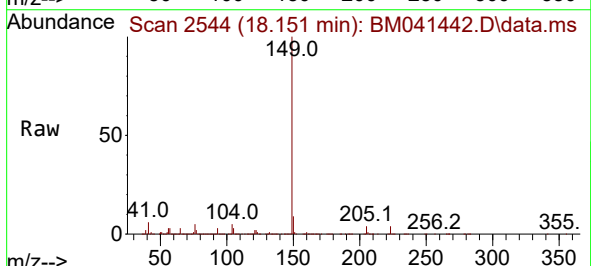
Tgt Ion:149 Resp: 1988361

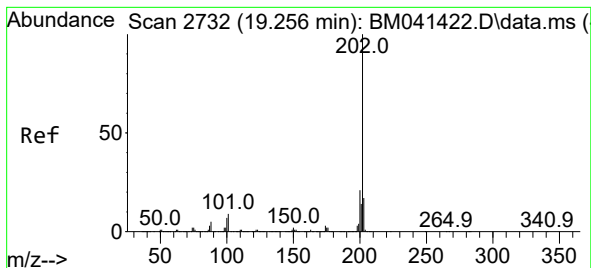
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 33.434 ng

RT: 19.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

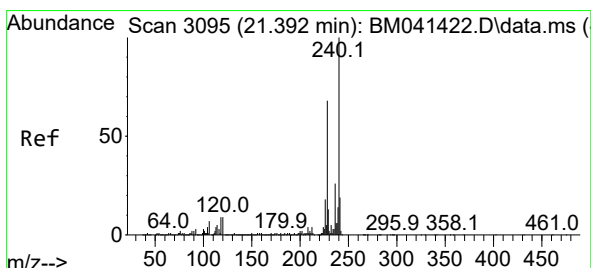
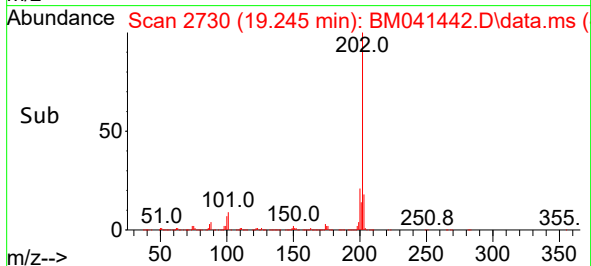
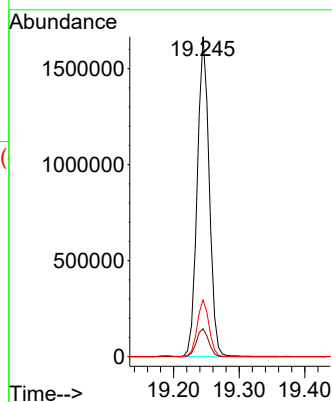
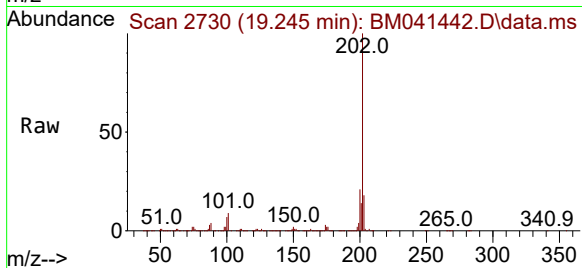
Tgt Ion:202 Resp: 2118087

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.1

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

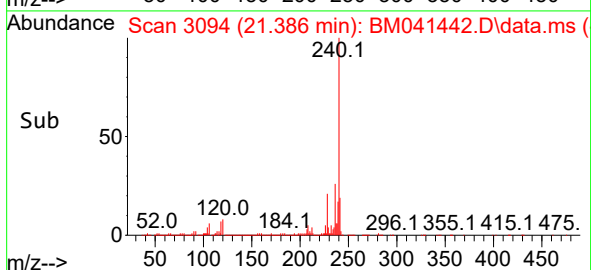
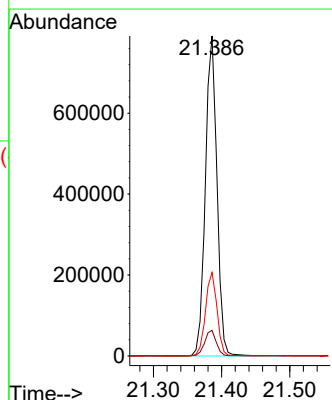
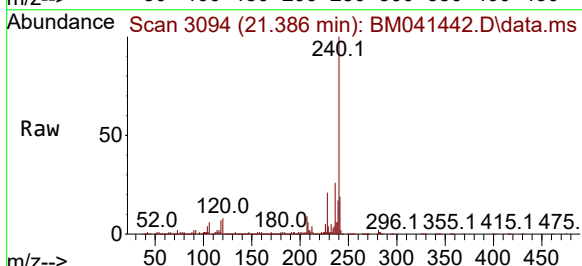
Tgt Ion:240 Resp: 933151

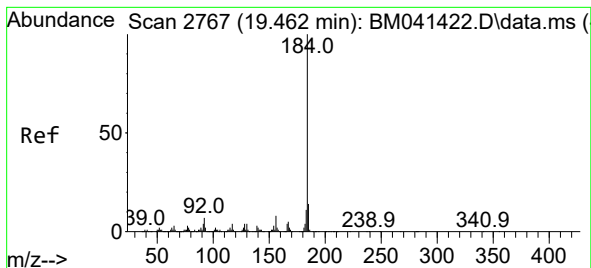
Ion Ratio Lower Upper

240 100

120 8.0 7.4 11.2

236 26.1 20.8 31.2





#77

Benzidine

Concen: 89.507 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

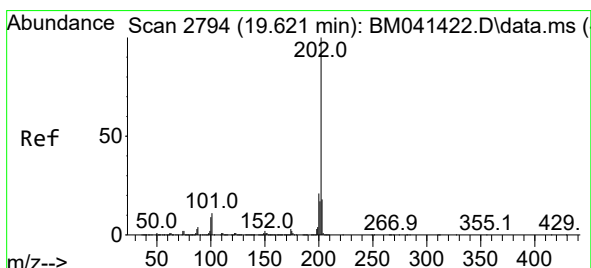
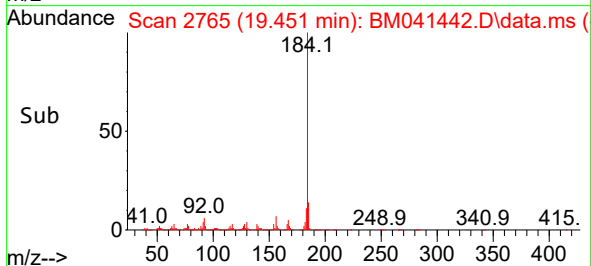
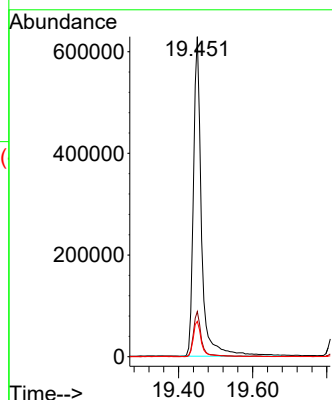
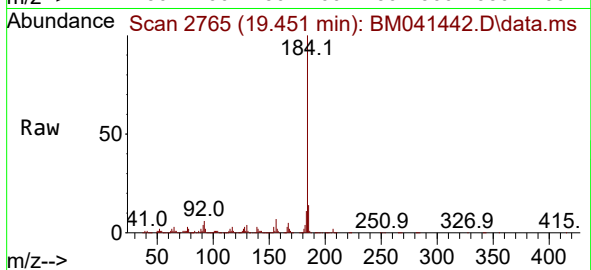
Tgt Ion:184 Resp: 957394

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.0 8.8 13.2



#78

Pyrene

Concen: 33.150 ng

RT: 19.609 min Scan# 2792

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

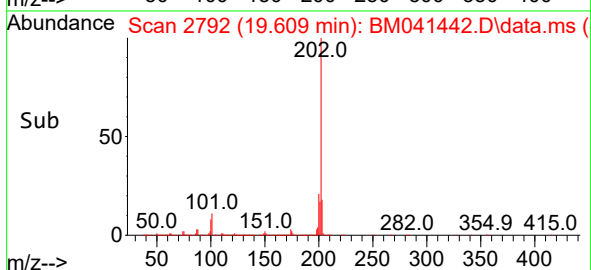
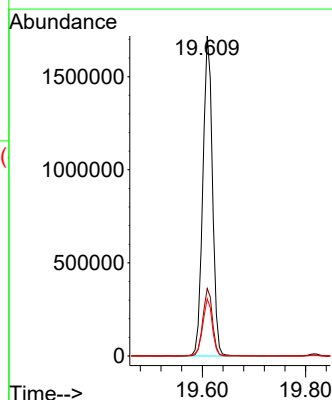
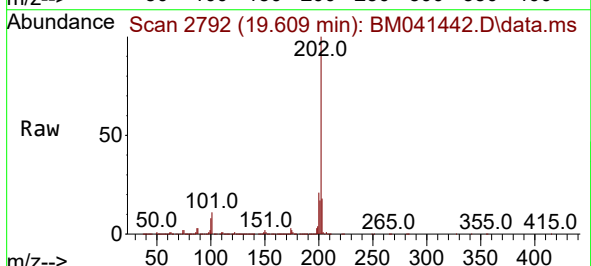
Tgt Ion:202 Resp: 2212282

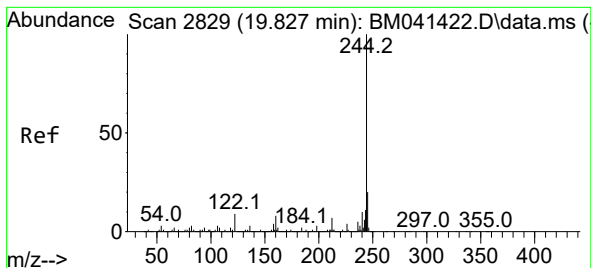
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 69.894 ng

RT: 19.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

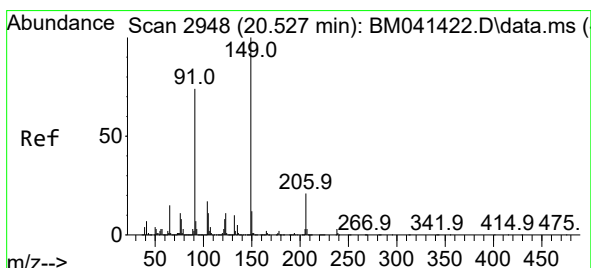
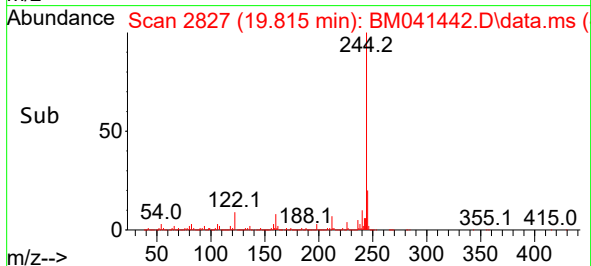
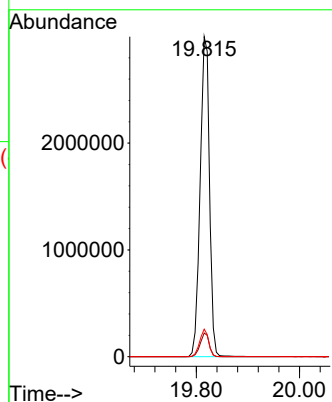
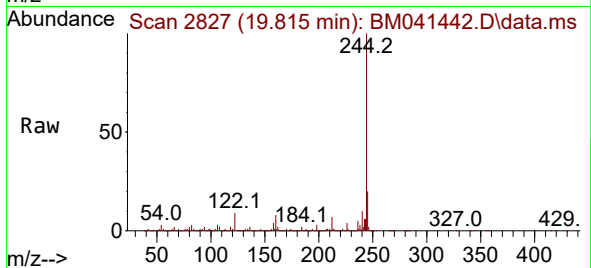
Tgt Ion:244 Resp: 3748005

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 8.6 6.9 10.3



#80

Butylbenzylphthalate

Concen: 32.798 ng

RT: 20.515 min Scan# 2946

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

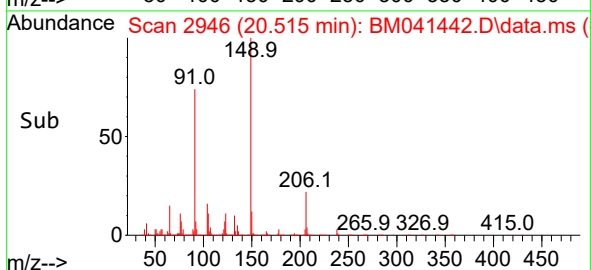
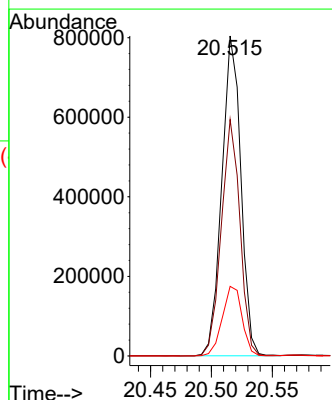
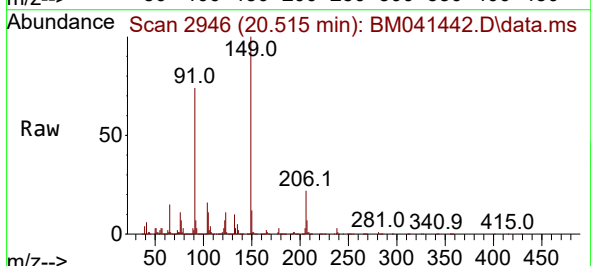
Tgt Ion:149 Resp: 876668

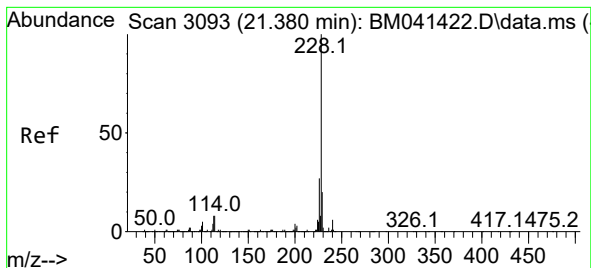
Ion Ratio Lower Upper

149 100

91 73.9 59.3 88.9

206 21.8 17.0 25.6





#81

Benzo(a)anthracene

Concen: 34.293 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

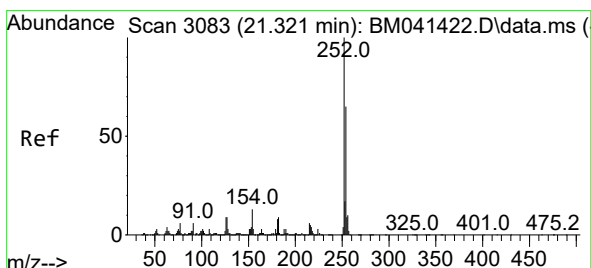
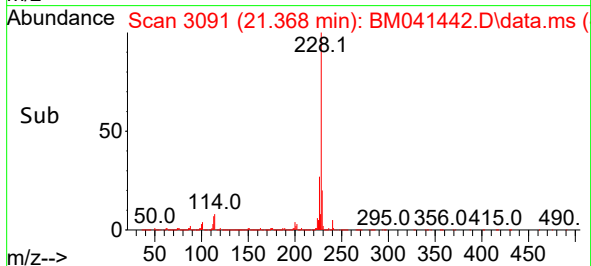
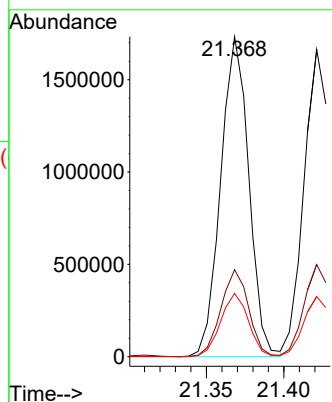
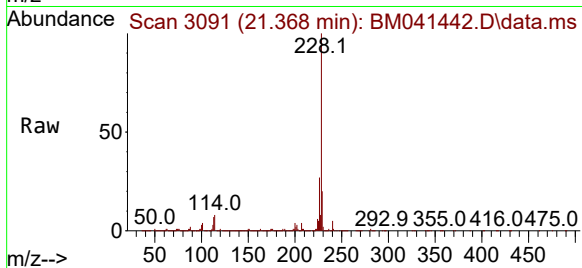
Tgt Ion:228 Resp: 2185271

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.052 ng

RT: 21.309 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

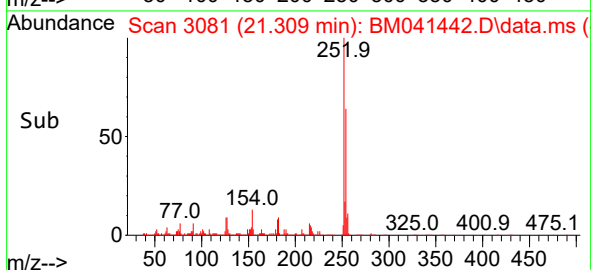
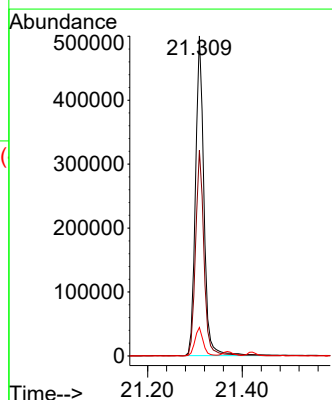
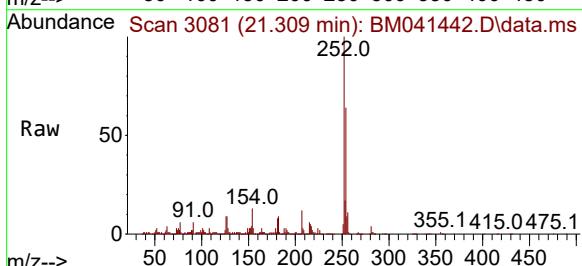
Tgt Ion:252 Resp: 619371

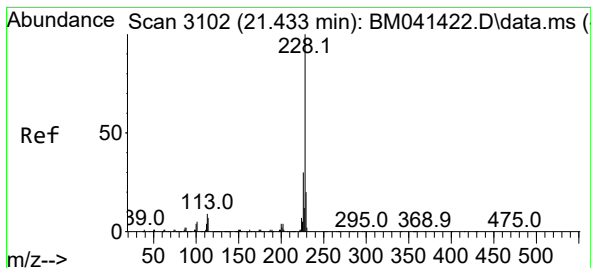
Ion Ratio Lower Upper

252 100

254 64.2 51.6 77.4

126 8.9 7.3 10.9





#83

Chrysene

Concen: 33.129 ng

RT: 21.421 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

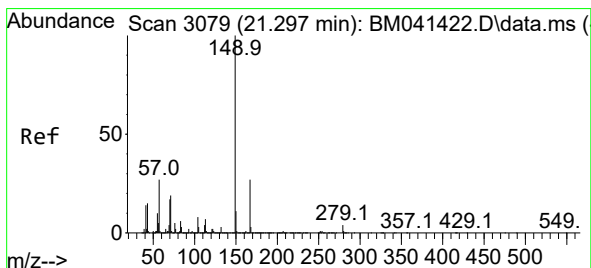
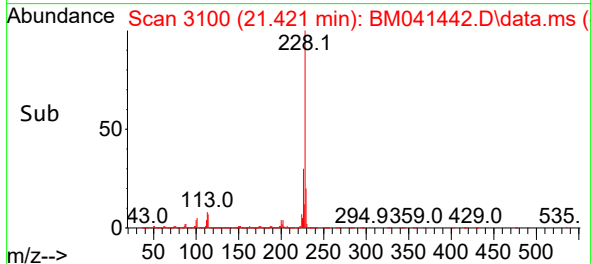
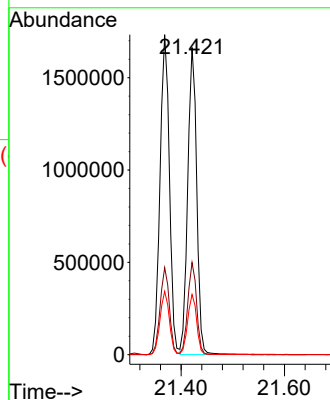
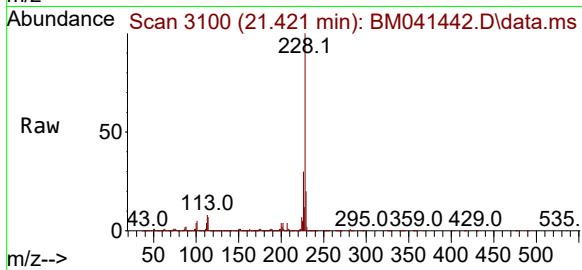
Tgt Ion:228 Resp: 2006677

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.385 ng

RT: 21.292 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

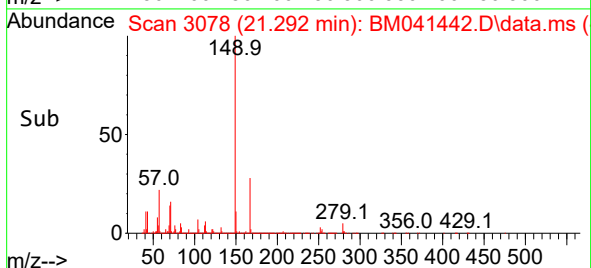
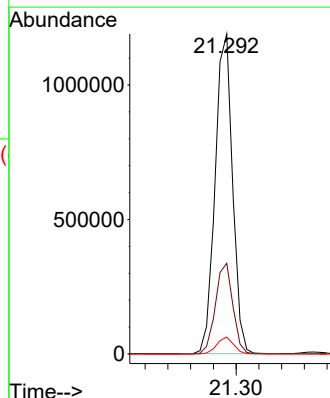
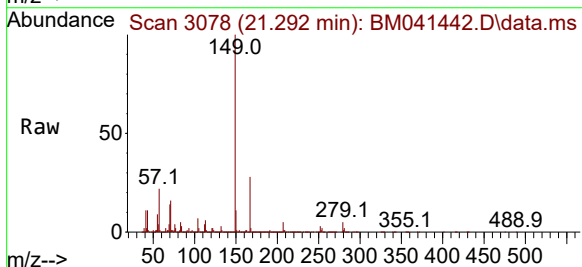
Tgt Ion:149 Resp: 1267785

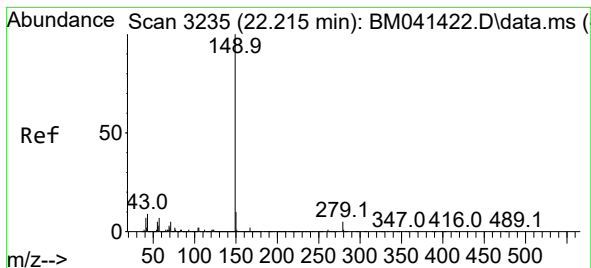
Ion Ratio Lower Upper

149 100

167 28.4 21.5 32.3

279 5.3 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 34.362 ng

RT: 22.198 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

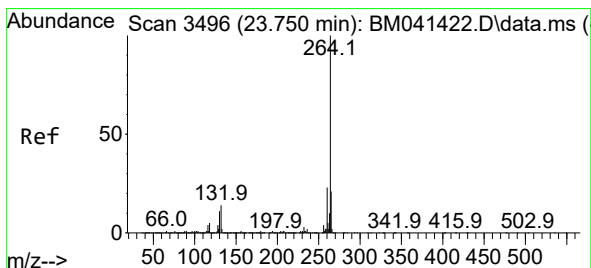
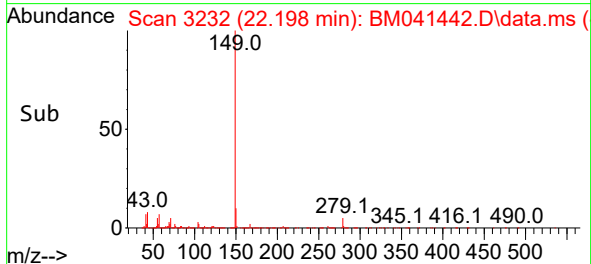
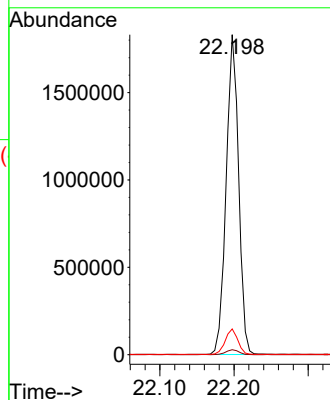
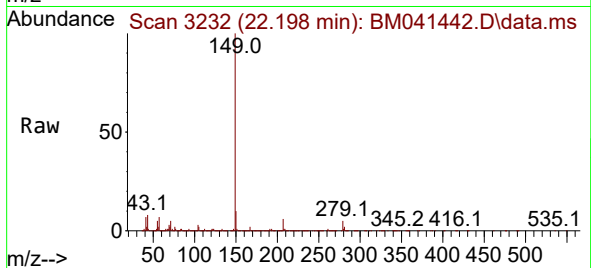
Tgt Ion:149 Resp: 2133614

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3492

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

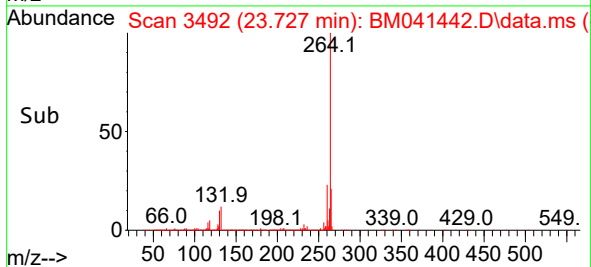
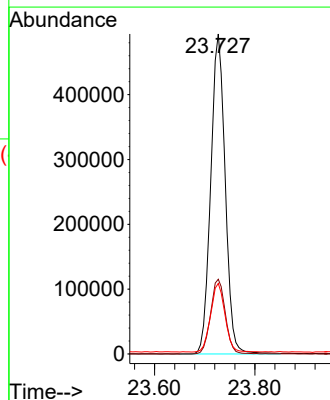
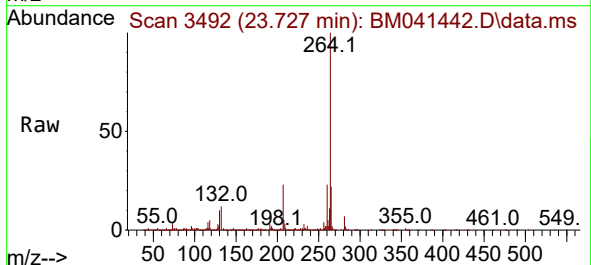
Tgt Ion:264 Resp: 987921

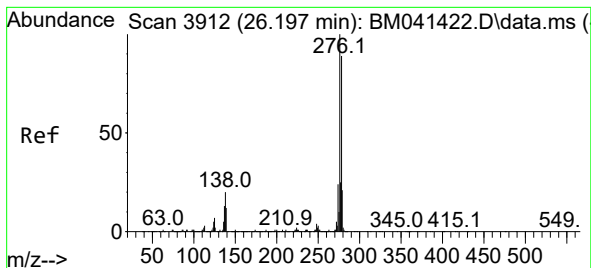
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.679 ng

RT: 26.144 min Scan# 3912

Delta R.T. -0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

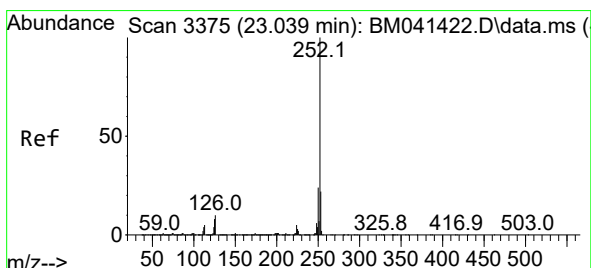
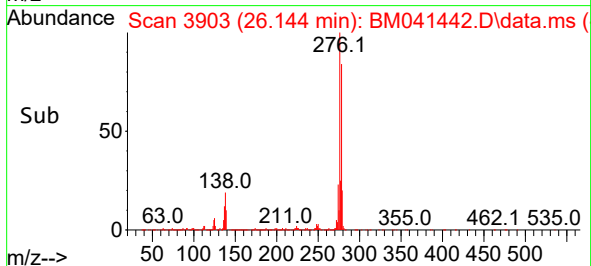
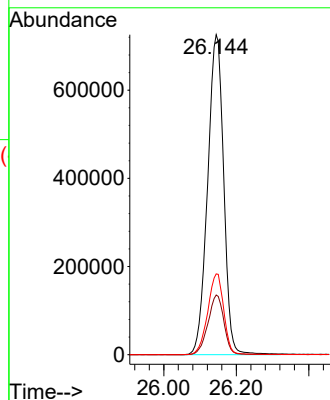
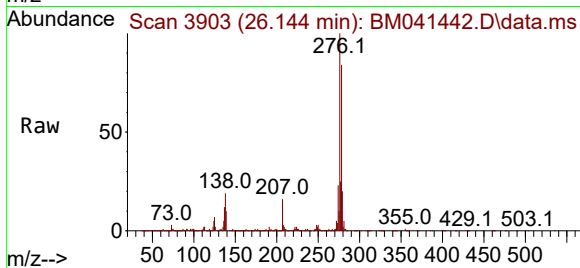
Tgt Ion:276 Resp: 2230644

Ion Ratio Lower Upper

276 100

138 18.5 16.6 25.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 35.492 ng

RT: 23.015 min Scan# 3371

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

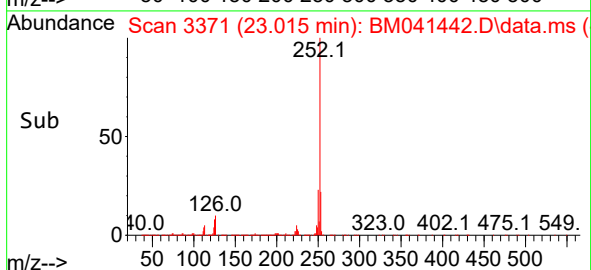
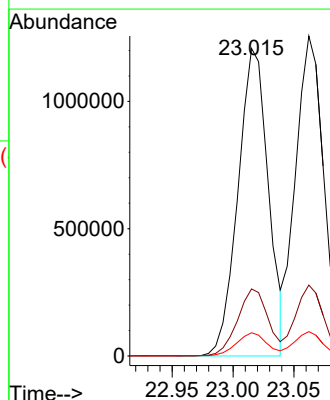
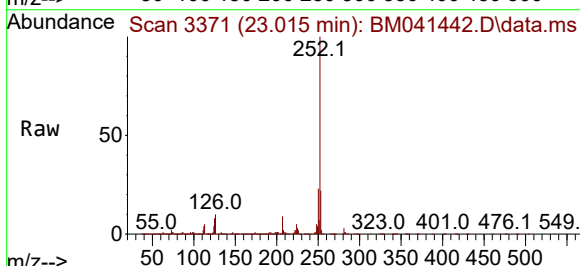
Tgt Ion:252 Resp: 2089857

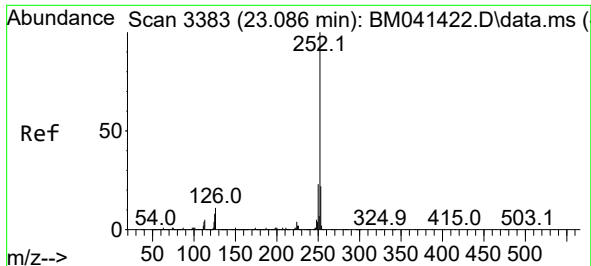
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 7.6 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 34.258 ng

RT: 23.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

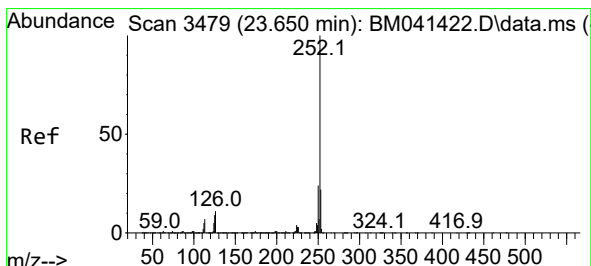
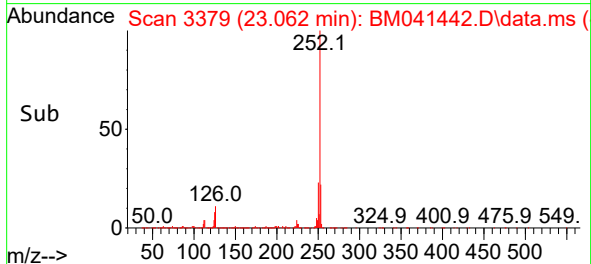
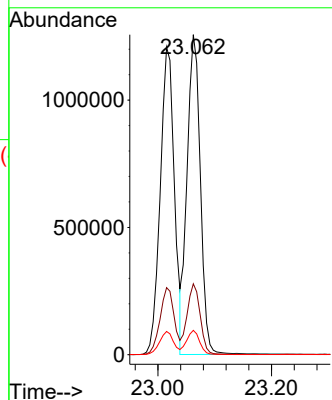
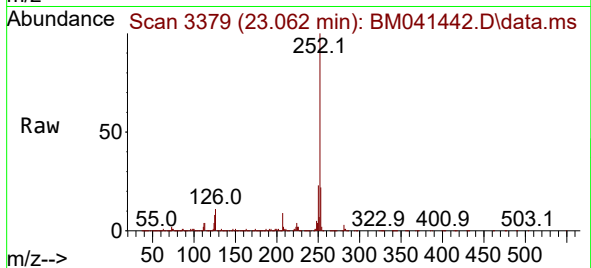
Tgt Ion:252 Resp: 2038542

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 32.514 ng

RT: 23.627 min Scan# 3475

Delta R.T. 0.000 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

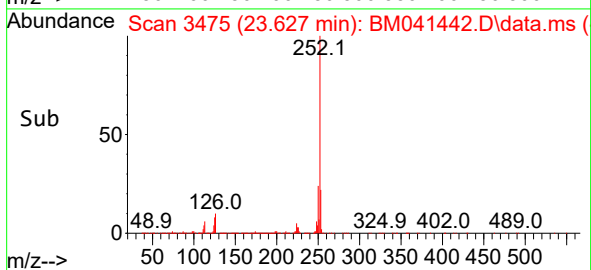
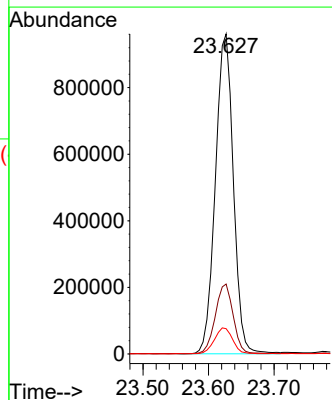
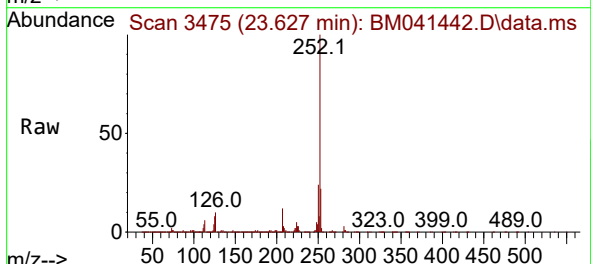
Tgt Ion:252 Resp: 1822988

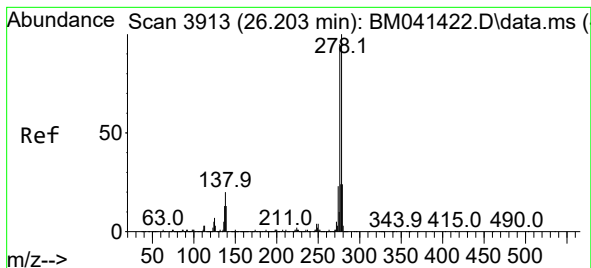
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.9 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 34.796 ng

RT: 26.150 min Scan# 3913

Delta R.T. -0.012 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB154955BS

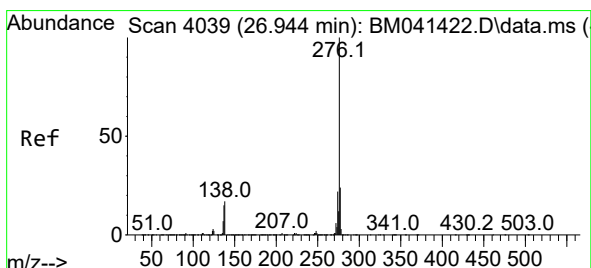
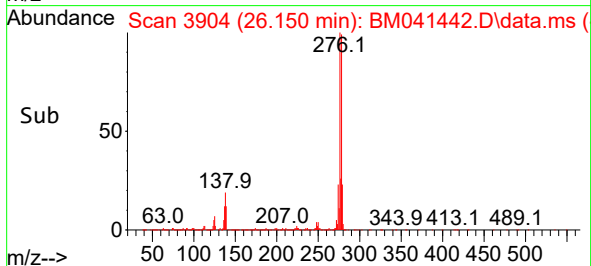
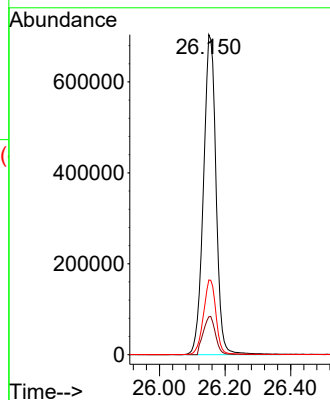
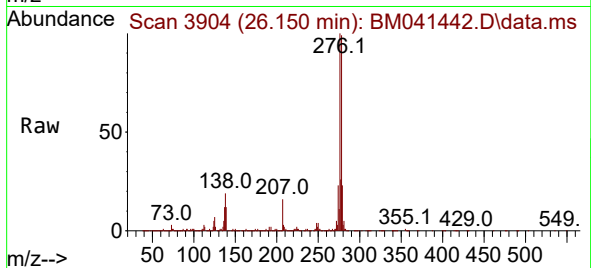
Tgt Ion:278 Resp: 1882301

Ion Ratio Lower Upper

278 100

139 11.9 10.6 16.0

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 33.301 ng

RT: 26.885 min Scan# 4029

Delta R.T. -0.006 min

Lab File: BM041442.D

Acq: 21 Aug 2023 11:13

Tgt Ion:276 Resp: 1741528

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 16.1 13.2 19.8

