

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041430.D
 Acq On : 17 Aug 2023 10:30
 Operator : MA/JU
 Sample : PB154837BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154837BS

Quant Time: Aug 17 12:48:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	163012	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	644061	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	395705	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	842751	20.000	ng	0.00
76) Chrysene-d12	21.397	240	680480	20.000	ng	0.00
86) Perylene-d12	23.750	264	596144	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	944281	96.366	ng	0.00
7) Phenol-d6	6.951	99	1218215	91.556	ng	0.00
23) Nitrobenzene-d5	8.945	82	1188138	88.061	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	533841	85.012	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2633325	89.175	ng	0.00
79) Terphenyl-d14	19.827	244	4006065	102.446	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.246	88	149885	36.003	ng 98
3) Pyridine	3.646	79	369147	33.562	ng 98
4) n-Nitrosodimethylamine	3.569	42	222453	43.864	ng 98
6) Aniline	7.104	93	565687	35.752	ng 99
8) 2-Chlorophenol	7.328	128	505880	49.969	ng 99
9) Benzaldehyde	6.916	77	228676	31.128	ng 99
10) Phenol	6.981	94	641051	49.866	ng 98
11) bis(2-Chloroethyl)ether	7.204	93	477699	46.450	ng 99
12) 1,3-Dichlorobenzene	7.645	146	536646	47.693	ng 99
13) 1,4-Dichlorobenzene	7.798	146	553129	48.621	ng 99
14) 1,2-Dichlorobenzene	8.116	146	527628	48.050	ng 99
15) Benzyl Alcohol	8.028	79	472404	50.010	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.304	45	550074	44.580	ng 100
17) 2-Methylphenol	8.228	107	419850	45.686	ng 99
18) Hexachloroethane	8.828	117	208195	48.193	ng 99
19) n-Nitroso-di-n-propyla...	8.586	70	396047	43.387	ng 99
20) 3+4-Methylphenols	8.557	107	572515	45.360	ng 99
22) Acetophenone	8.604	105	754471	45.457	ng 99
24) Nitrobenzene	8.986	77	604525	44.872	ng 99
25) Isophorone	9.510	82	1051574	42.581	ng 100
26) 2-Nitrophenol	9.692	139	276472	47.000	ng 98
27) 2,4-Dimethylphenol	9.757	122	424566	44.825	ng 98
28) bis(2-Chloroethoxy)met...	9.992	93	620646	43.177	ng 99
29) 2,4-Dichlorophenol	10.228	162	492395	47.453	ng 99
30) 1,2,4-Trichlorobenzene	10.428	180	537638	46.664	ng 99
31) Naphthalene	10.616	128	1486239	44.383	ng 100
32) Benzoic acid	9.957	122	335314	44.078	ng 99
33) 4-Chloroaniline	10.757	127	233022	16.483	ng 98
34) Hexachlorobutadiene	10.880	225	344941	45.271	ng 97
35) Caprolactam	11.575	113	74369	23.119	ng 94
36) 4-Chloro-3-methylphenol	11.886	107	496325	44.944	ng 100
37) 2-Methylnaphthalene	12.239	142	1024915	42.063	ng 99
38) 1-Methylnaphthalene	12.457	142	981159	42.622	ng 99
40) 1,2,4,5-Tetrachloroben...	12.610	216	606209	46.956	ng 98
41) Hexachlorocyclopentadiene	12.569	237	736597	102.871	ng 99
43) 2,4,6-Trichlorophenol	12.863	196	411435	47.619	ng 99

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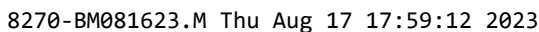
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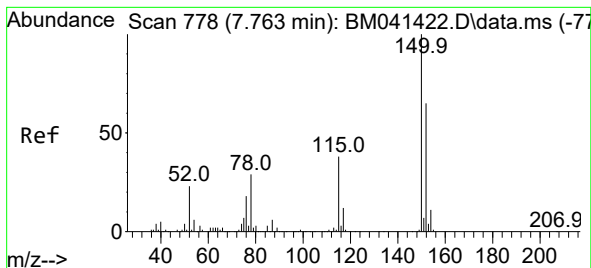
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	443130	44.303	ng	97
46) 1,1'-Biphenyl	13.257	154	1369497	45.859	ng	99
47) 2-Chloronaphthalene	13.304	162	1076859	46.916	ng	99
48) 2-Nitroaniline	13.533	65	331533	44.206	ng	94
49) Acenaphthylene	14.151	152	1714013	46.083	ng	99
50) Dimethylphthalate	13.904	163	1333743	43.164	ng	100
51) 2,6-Dinitrotoluene	14.033	165	296048	44.707	ng	99
52) Acenaphthene	14.492	154	987533	44.393	ng	99
53) 3-Nitroaniline	14.368	138	208310	31.543	ng	96
54) 2,4-Dinitrophenol	14.586	184	400813	96.769	ng	93
55) Dibenzofuran	14.833	168	1646987	44.152	ng	99
56) 4-Nitrophenol	14.692	139	481536	96.832	ng	95
57) 2,4-Dinitrotoluene	14.827	165	409376	45.235	ng	94
58) Fluorene	15.486	166	1319290	44.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	394448	46.402	ng	99
60) Diethylphthalate	15.268	149	1307583	42.355	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	702310	43.575	ng	98
62) 4-Nitroaniline	15.539	138	260973	43.318	ng	98
63) Azobenzene	15.774	77	1339055	43.050	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	251968	46.706	ng	99
66) n-Nitrosodiphenylamine	15.704	169	1125559	45.371	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	431306	44.660	ng	98
68) Hexachlorobenzene	16.486	284	508878	48.284	ng	99
69) Atrazine	16.668	200	422790	60.056	ng	98
70) Pentachlorophenol	16.845	266	593538	80.424	ng	99
71) Phenanthrene	17.233	178	2022156	45.456	ng	100
72) Anthracene	17.321	178	2062585	45.723	ng	99
73) Carbazole	17.604	167	1830355	45.602	ng	100
74) Di-n-butylphthalate	18.162	149	2194616	43.523	ng	99
75) Fluoranthene	19.256	202	2327101	43.938	ng	100
77) Benzidine	19.462	184	706315	90.553	ng	99
78) Pyrene	19.621	202	2409871	49.518	ng	100
80) Butylbenzylphthalate	20.527	149	908647	46.616	ng	99
81) Benzo(a)anthracene	21.380	228	2167109	46.635	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	572097	38.065	ng	99
83) Chrysene	21.433	228	1983024	44.894	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	1237485	44.687	ng #	98
85) Di-n-octyl phthalate	22.215	149	1911807	42.222	ng	98
87) Indeno(1,2,3-cd)pyrene	26.191	276	1761425	45.381	ng	99
88) Benzo(b)fluoranthene	23.038	252	1826014	51.392	ng	99
89) Benzo(k)fluoranthene	23.086	252	1703420	47.439	ng	99
90) Benzo(a)pyrene	23.650	252	1507852	44.567	ng	100
91) Dibenzo(a,h)anthracene	26.209	278	1480406	45.351	ng	99
92) Benzo(g,h,i)perylene	26.944	276	1421479	45.045	ng	98

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

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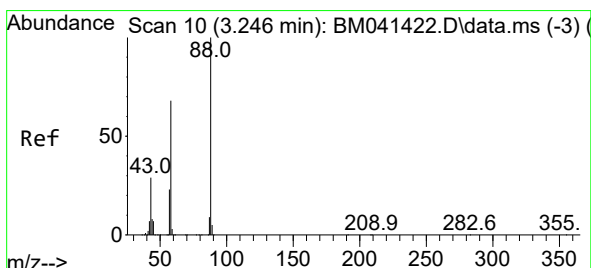
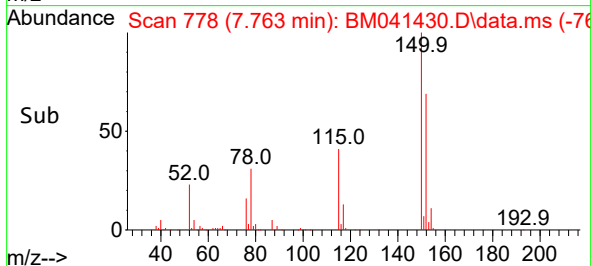
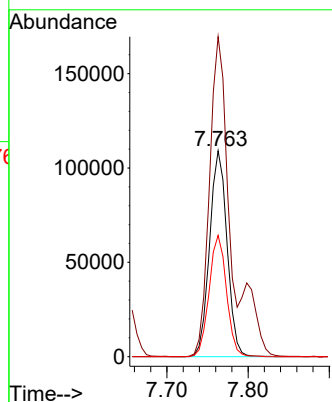
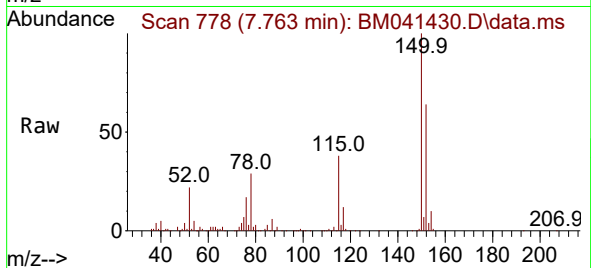




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

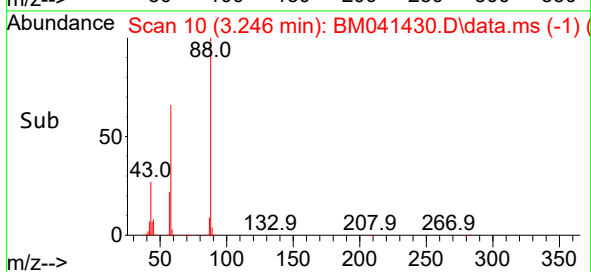
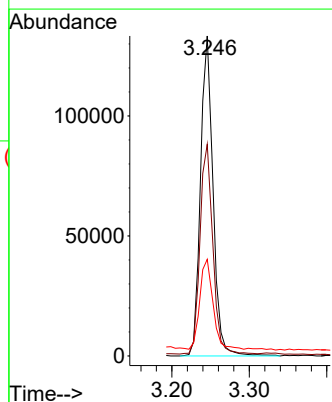
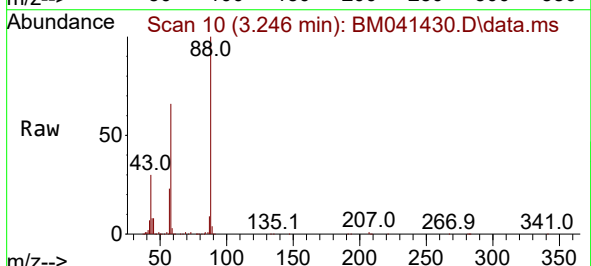
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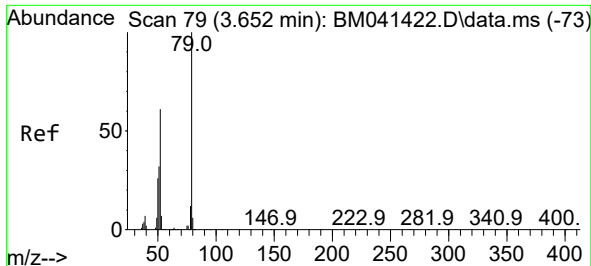
Tgt Ion:152 Resp: 163012
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 58.9 46.6 70.0



#2
1,4-Dioxane
Concen: 36.003 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 88 Resp: 149885
Ion Ratio Lower Upper
88 100
58 66.6 55.1 82.7
43 29.3 23.2 34.8

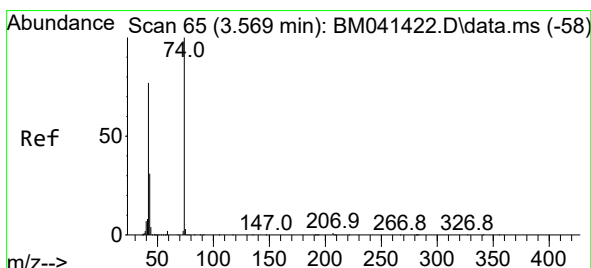
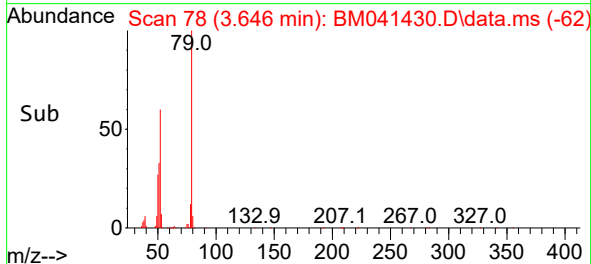
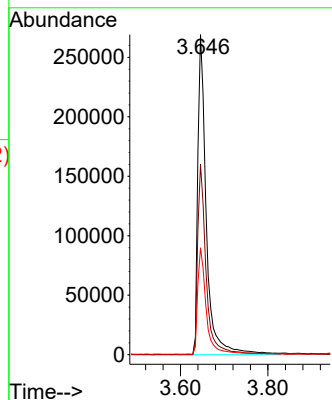
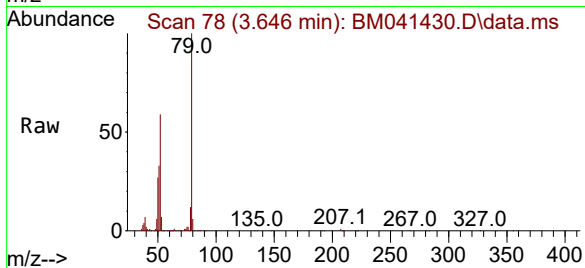




#3
 Pyridine
 Concen: 33.562 ng
 RT: 3.646 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

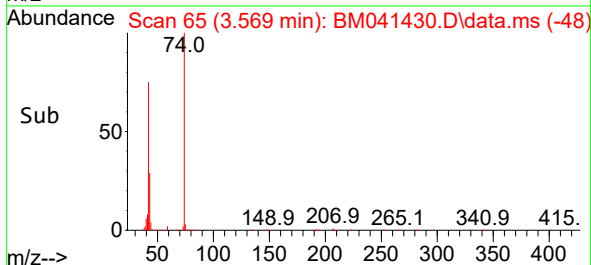
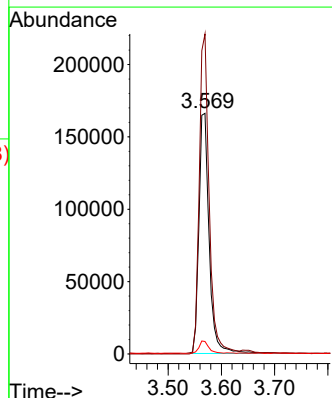
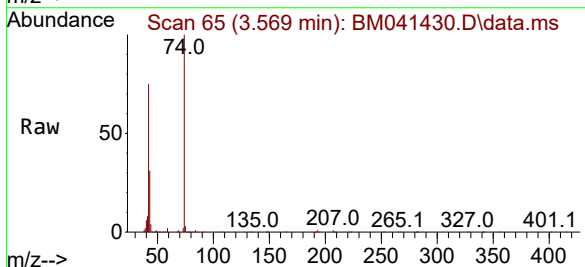
Instrument :
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 ClientSampleId :
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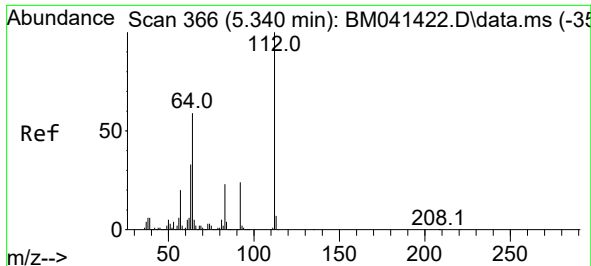
Tgt Ion: 79 Resp: 369147
 Ion Ratio Lower Upper
 79 100
 52 59.5 49.0 73.4
 51 33.4 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 43.864 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

Tgt Ion: 42 Resp: 222453
 Ion Ratio Lower Upper
 42 100
 74 132.9 104.1 156.1
 44 5.2 4.6 6.8

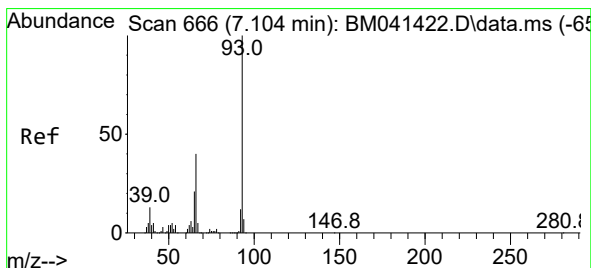
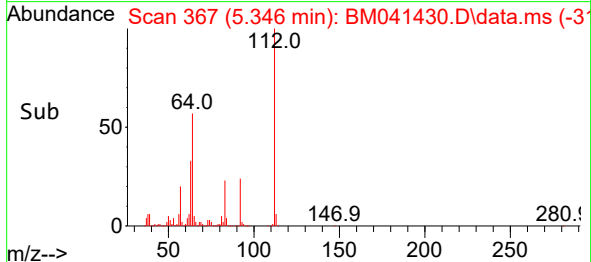
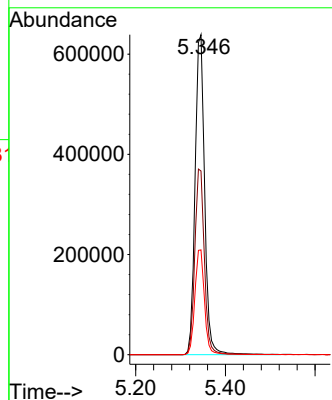
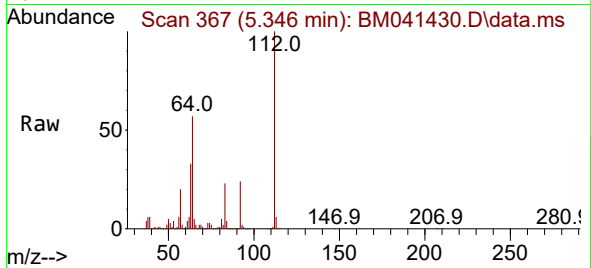




#5
2-Fluorophenol
Concen: 96.366 ng
RT: 5.346 min Scan# 366
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

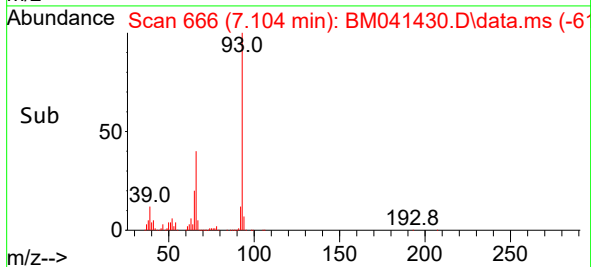
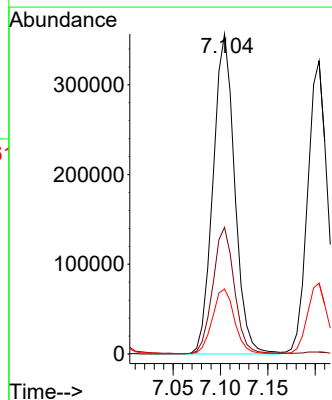
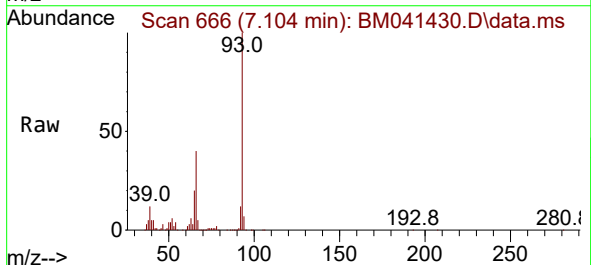
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ClientSampleId :
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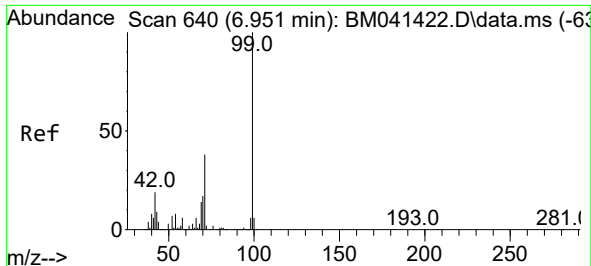
Tgt Ion:112 Resp: 944281
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 32.8 26.5 39.7



#6
Aniline
Concen: 35.752 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 93 Resp: 565687
Ion Ratio Lower Upper
93 100
66 39.5 31.8 47.8
65 20.3 16.8 25.2



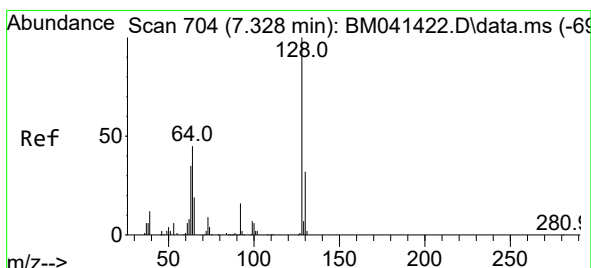
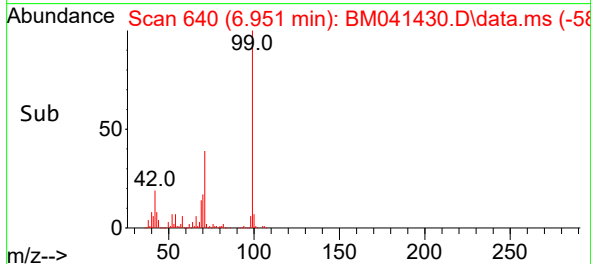
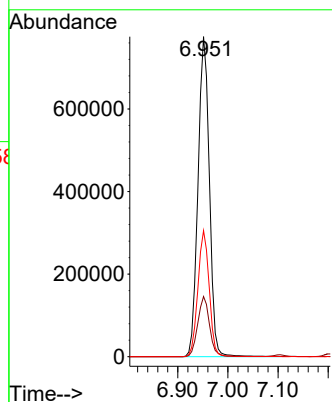
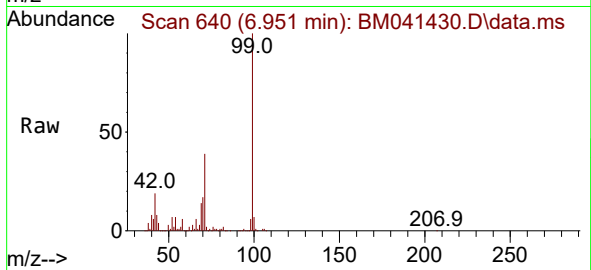


#7
Phenol-d6
Concen: 91.556 ng
RT: 6.951 min Scan# 640
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Instrument :
BNA_M
ClientSampleId :
PB154837BS

Tgt Ion: 99 Resp: 1218215

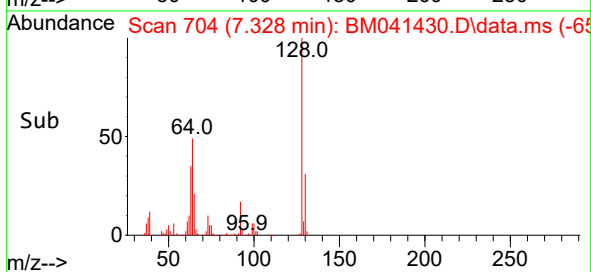
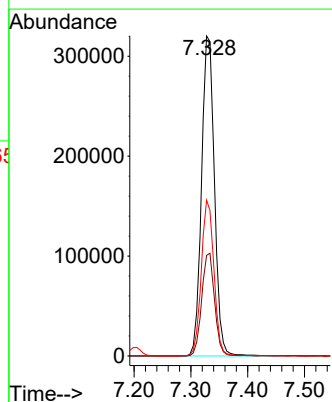
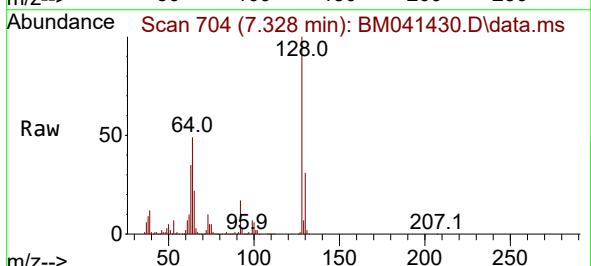
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	39.4	30.7	46.1

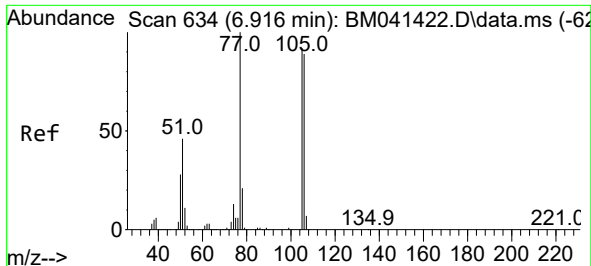


#8
2-Chlorophenol
Concen: 49.969 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 128 Resp: 505880

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.2	52.2
64	48.7	28.8	68.8

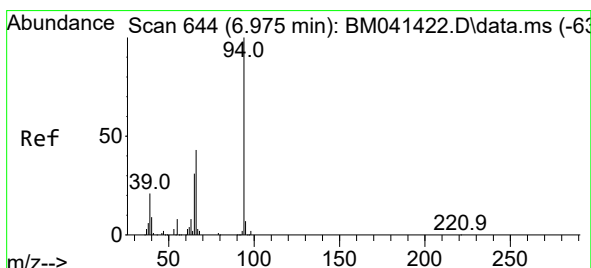
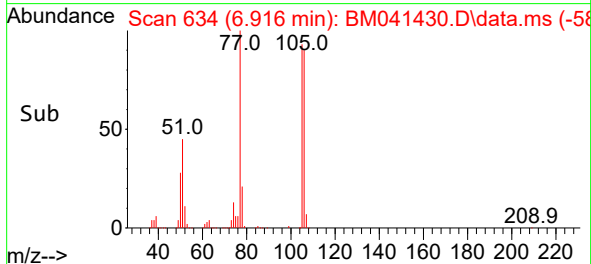
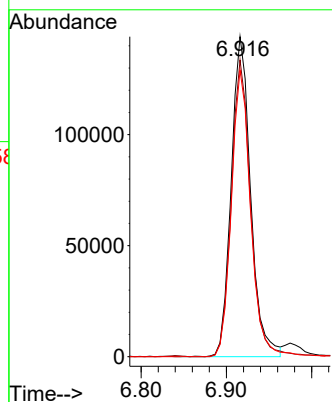
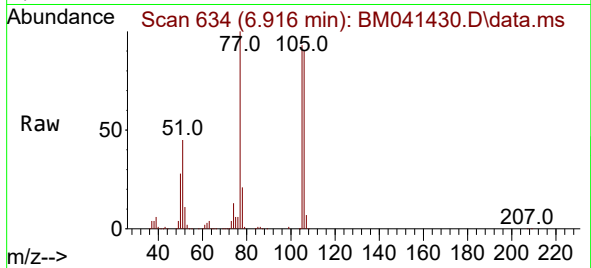




#9
Benzaldehyde
Concen: 31.128 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

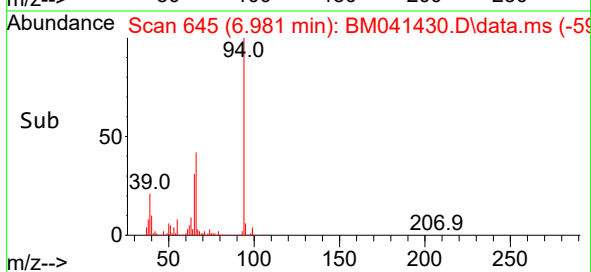
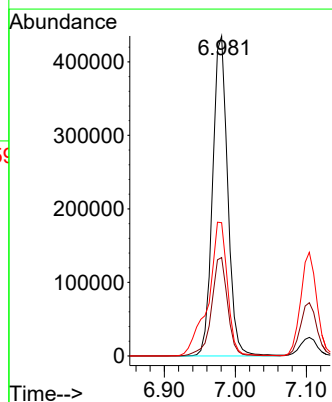
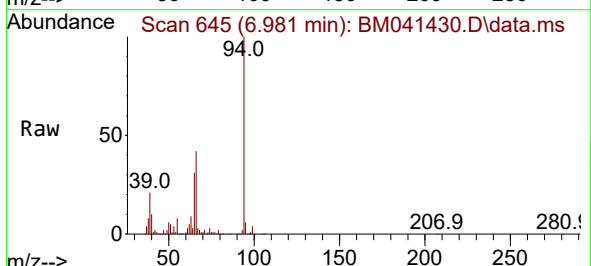
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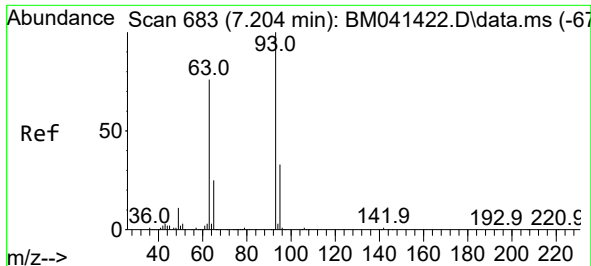
Tgt Ion: 77 Resp: 228676
Ion Ratio Lower Upper
77 100
105 92.7 71.7 111.7
106 89.5 68.6 108.6



#10
Phenol
Concen: 49.866 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 94 Resp: 641051
Ion Ratio Lower Upper
94 100
65 30.8 11.0 51.0
66 41.6 23.9 63.9





#11
bis(2-Chloroethyl)ether
Concen: 46.450 ng
RT: 7.204 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

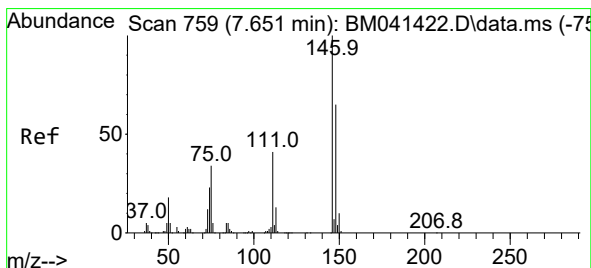
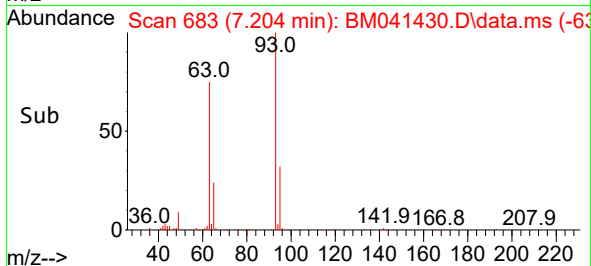
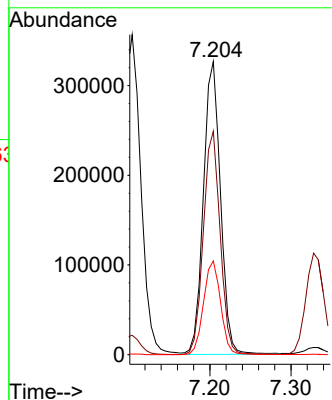
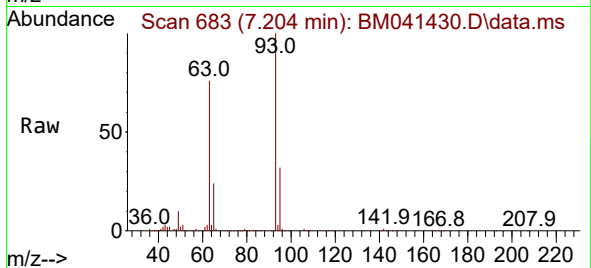
Instrument :

BNA_M

ClientSampleId :

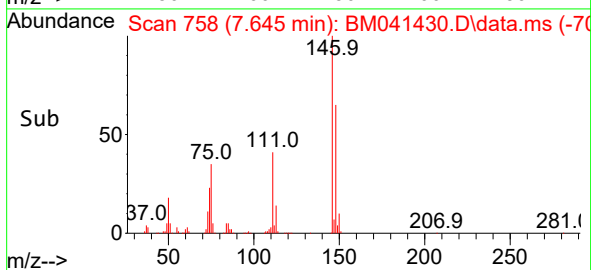
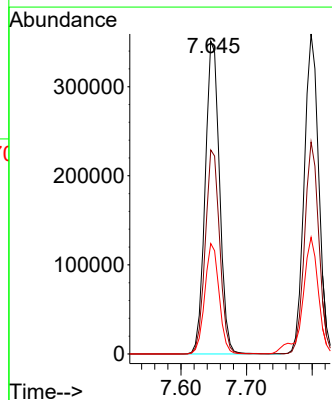
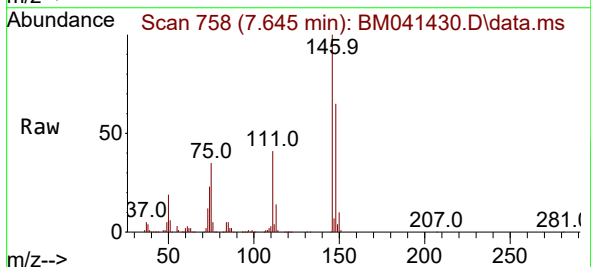
PB154837BS

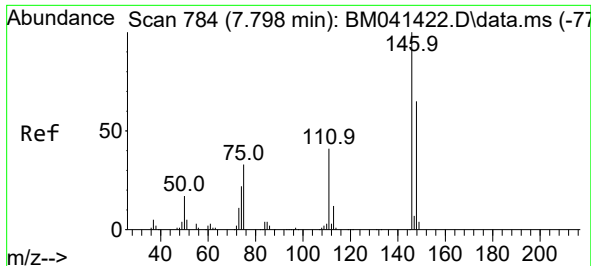
Tgt Ion: 93 Resp: 477699
Ion Ratio Lower Upper
93 100
63 76.2 55.2 95.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.693 ng
RT: 7.645 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:146 Resp: 536646
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 35.3 27.6 41.4

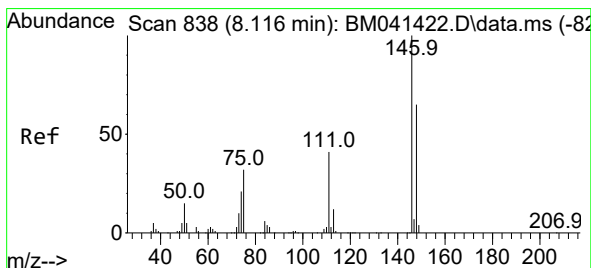
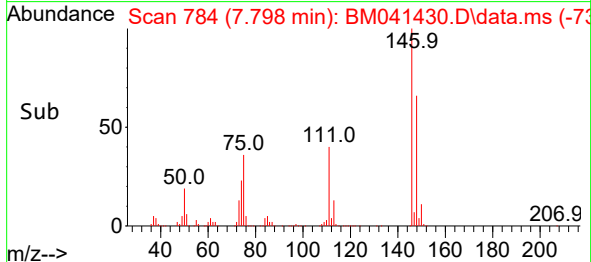
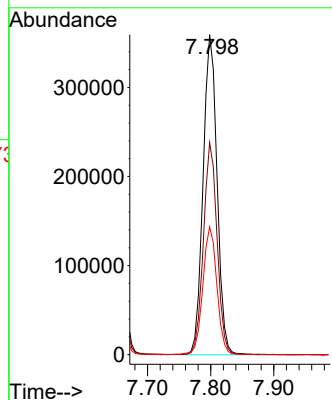
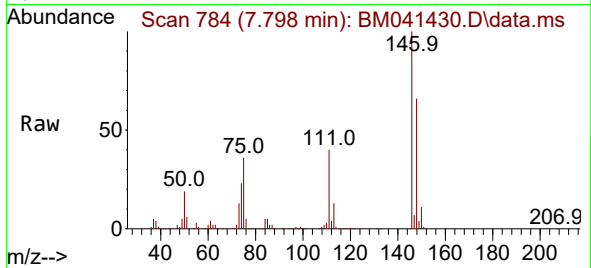




#13
 1,4-Dichlorobenzene
 Concen: 48.621 ng
 RT: 7.798 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

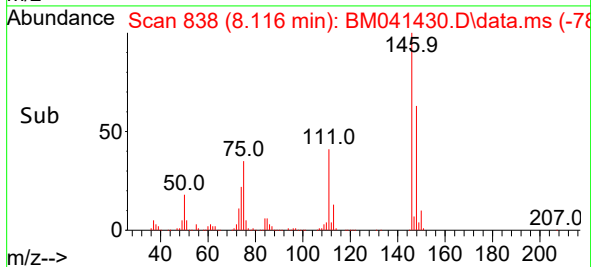
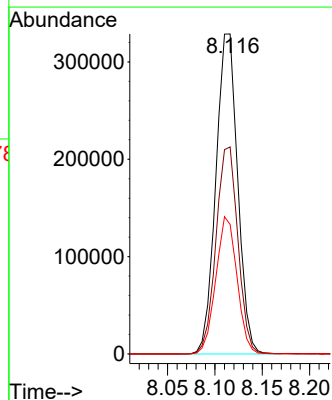
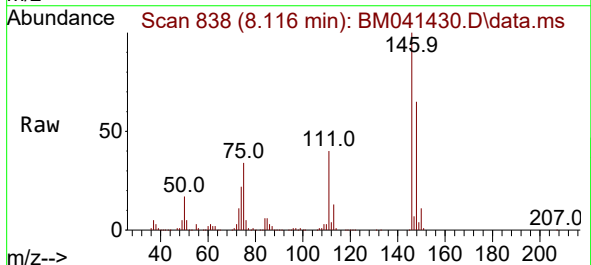
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BS

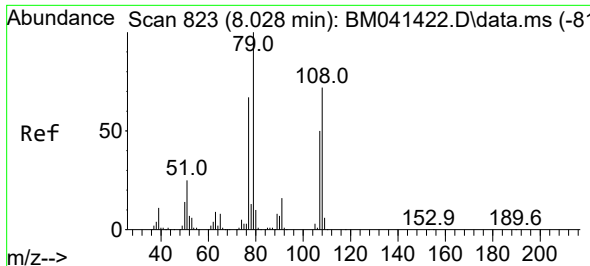
Tgt Ion:146 Resp: 553129
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.4
 111 39.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 48.050 ng
 RT: 8.116 min Scan# 838
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

Tgt Ion:146 Resp: 527628
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.5 33.4 50.0

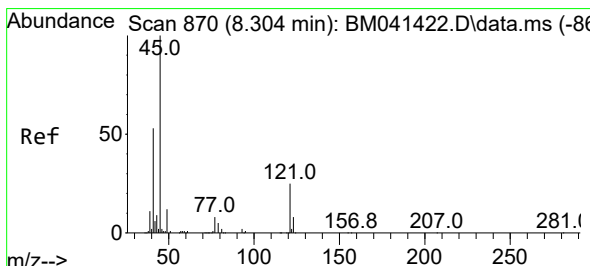
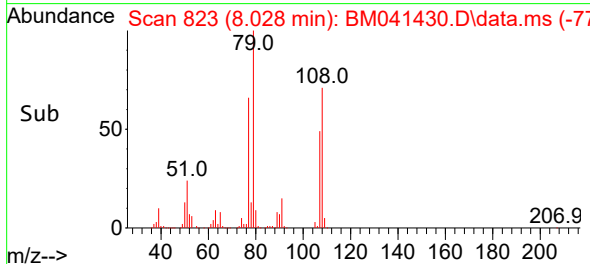
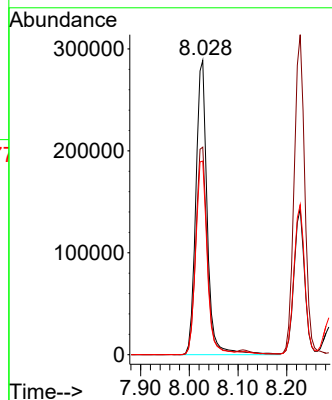
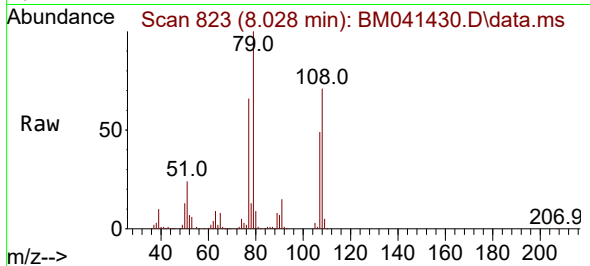




#15
Benzyl Alcohol
Concen: 50.010 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

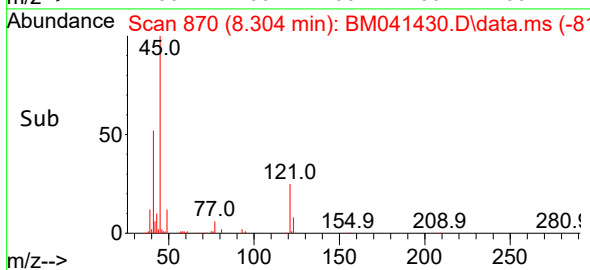
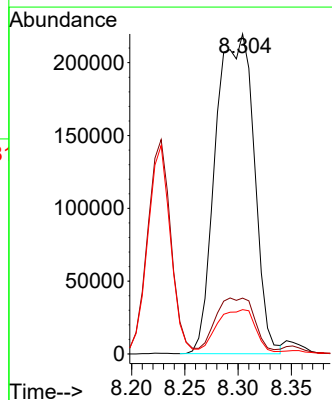
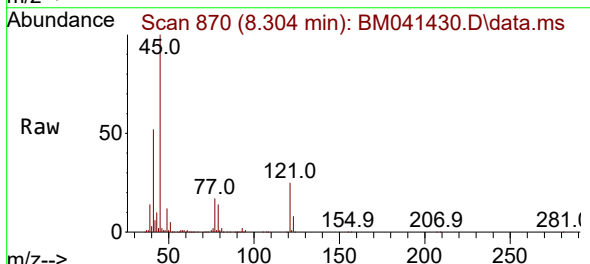
Instrument :
BNA_M
ClientSampleId :
PB154837BS

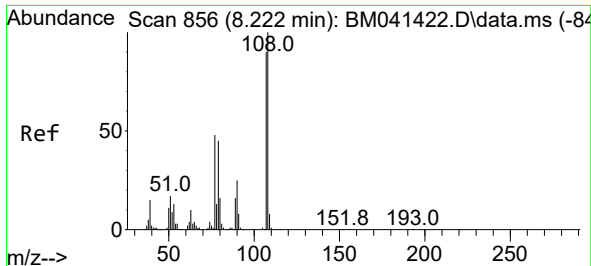
Tgt Ion: 79 Resp: 472404
Ion Ratio Lower Upper
79 100
108 70.5 57.8 86.8
77 65.8 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.580 ng
RT: 8.304 min Scan# 870
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 45 Resp: 550074
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.3
79 13.8 0.0 33.8

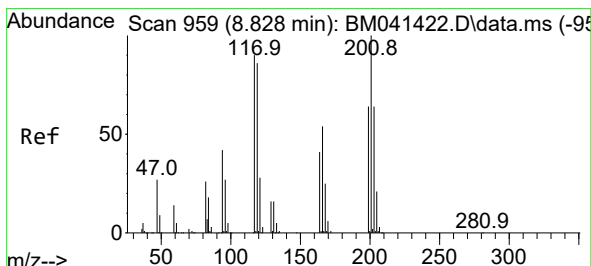
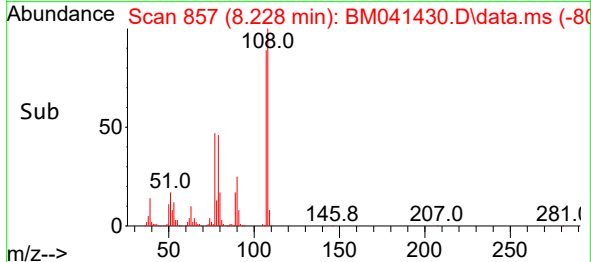
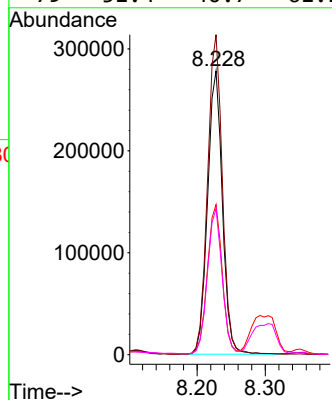
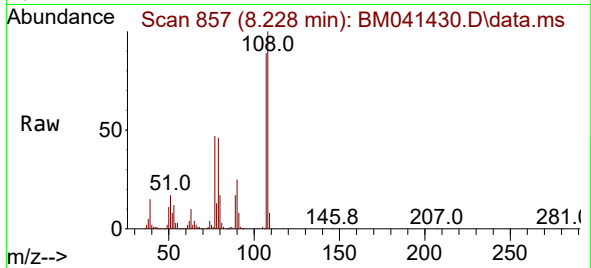




#17
2-Methylphenol
Concen: 45.686 ng
RT: 8.228 min Scan# 856
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

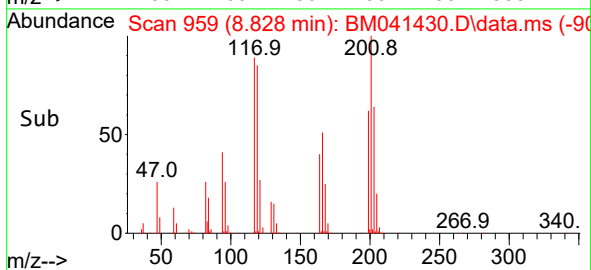
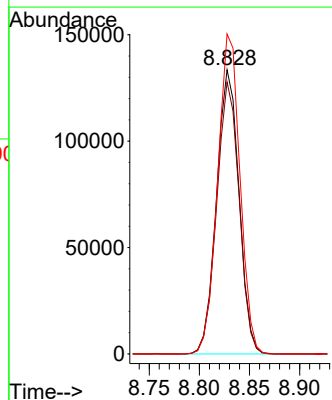
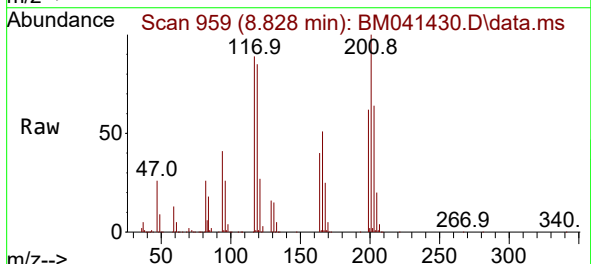
Instrument :
BNA_M
ClientSampleId :
PB154837BS

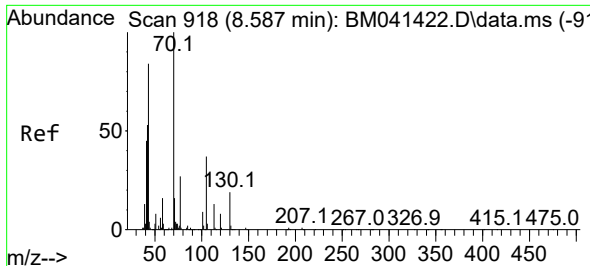
Tgt Ion:107 Resp: 419850
Ion Ratio Lower Upper
107 100
108 112.8 89.2 133.8
77 52.9 43.4 65.0
79 51.4 40.7 61.1



#18
Hexachloroethane
Concen: 48.193 ng
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:117 Resp: 208195
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
201 112.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.387 ng

RT: 8.586 min Scan# 918

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

Tgt Ion: 70 Resp: 396047

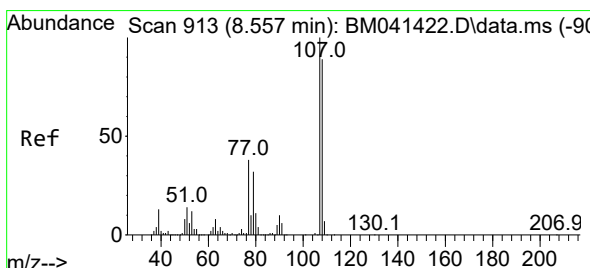
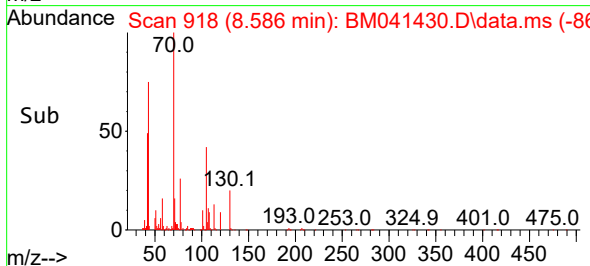
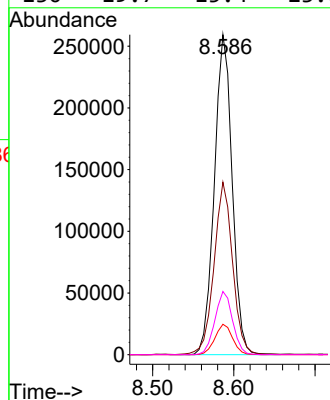
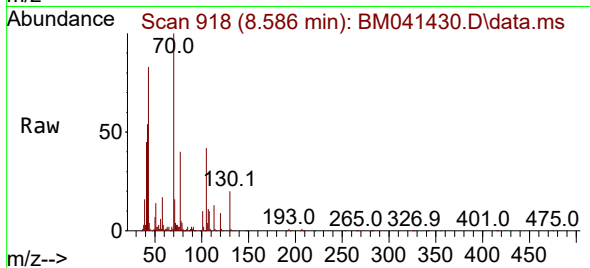
Ion Ratio Lower Upper

70 100

42 53.9 42.6 63.8

101 9.5 7.4 11.0

130 19.7 15.4 23.0



#20

3+4-Methylphenols

Concen: 45.360 ng

RT: 8.557 min Scan# 913

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Tgt Ion: 107 Resp: 572515

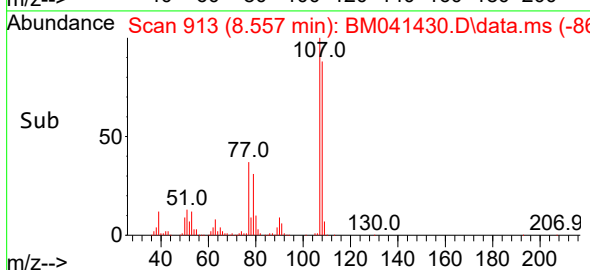
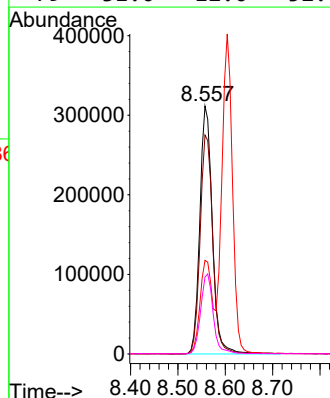
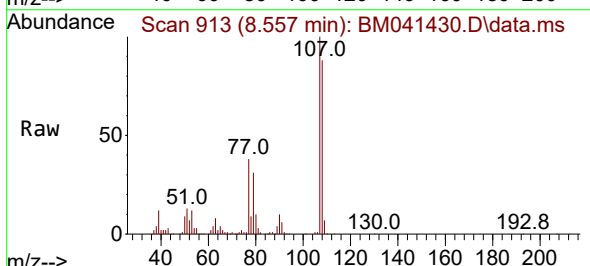
Ion Ratio Lower Upper

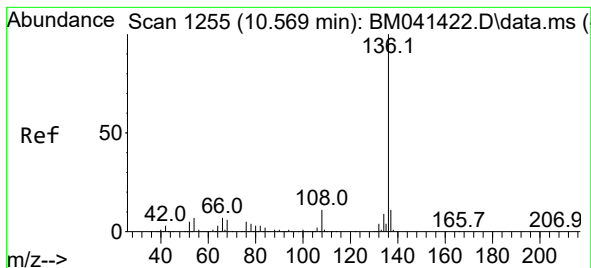
107 100

108 88.3 68.7 108.7

77 37.8 18.1 58.1

79 31.0 12.0 52.0

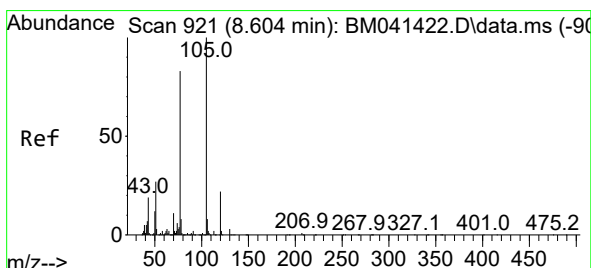
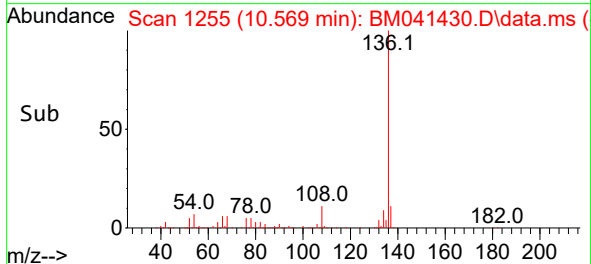
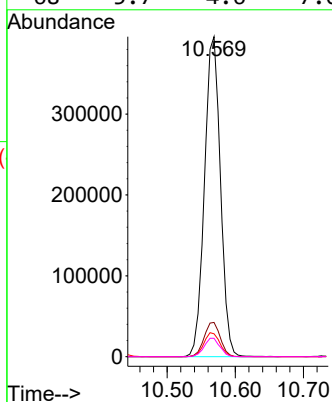
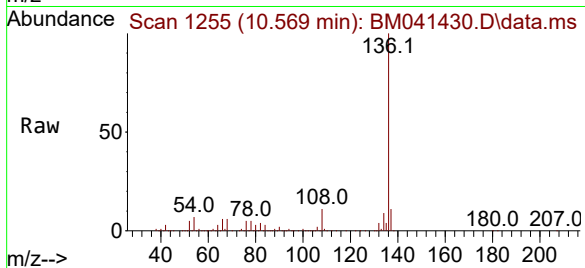




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

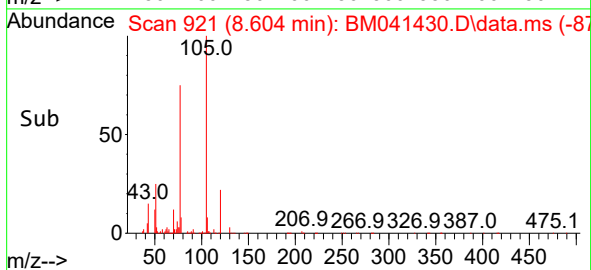
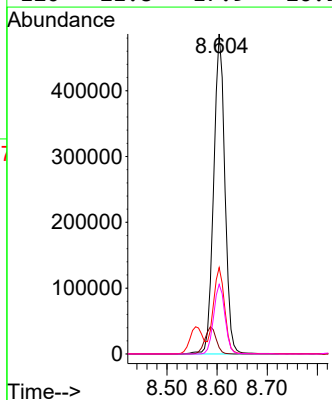
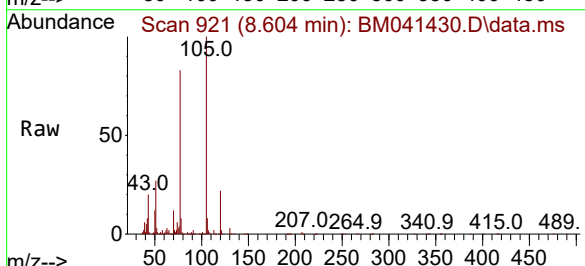
Instrument :
BNA_M
ClientSampleId :
PB154837BS

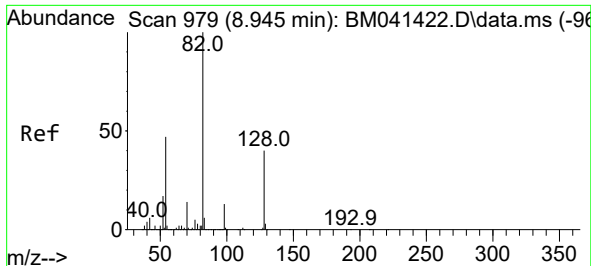
Tgt Ion:	136	Resp:	644061
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	5.7	8.5
68	5.7	4.6	7.0



#22
Acetophenone
Concen: 45.457 ng
RT: 8.604 min Scan# 921
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:	105	Resp:	754471
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.4	2.2
51	27.0	21.7	32.5
120	21.8	17.9	26.9





#23

Nitrobenzene-d5

Concen: 88.061 ng

RT: 8.945 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

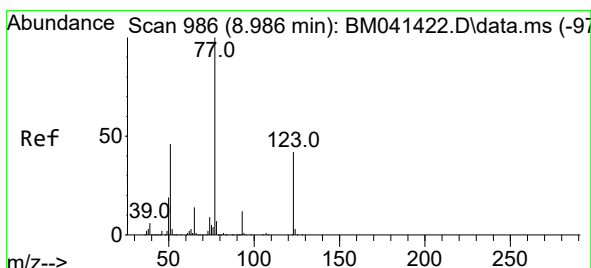
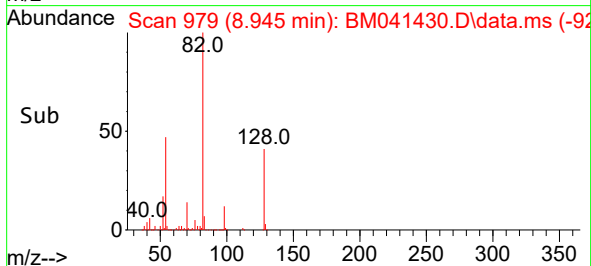
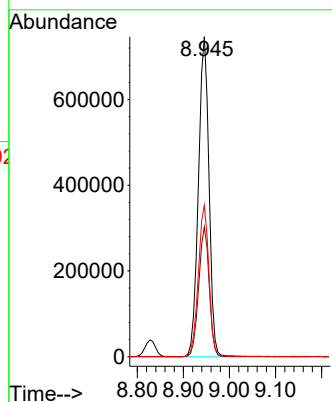
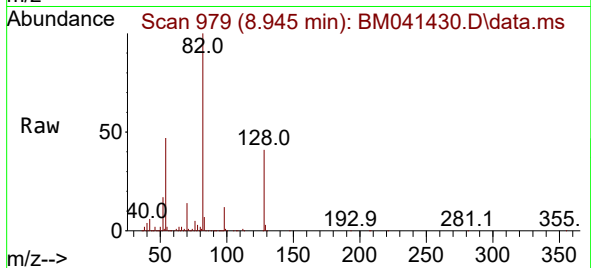
Tgt Ion: 82 Resp: 1188138

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.4

54 47.3 37.5 56.3



#24

Nitrobenzene

Concen: 44.872 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

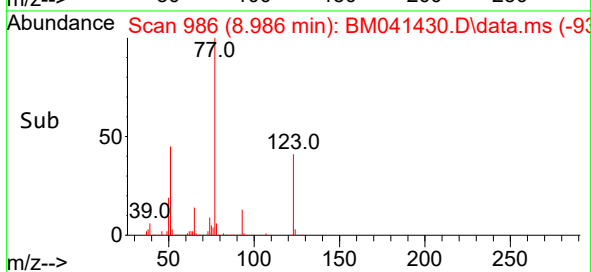
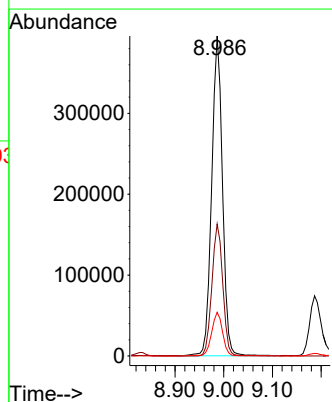
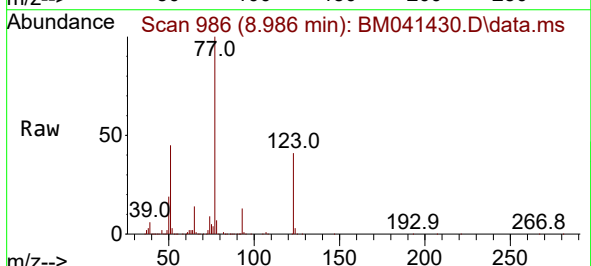
Tgt Ion: 77 Resp: 604525

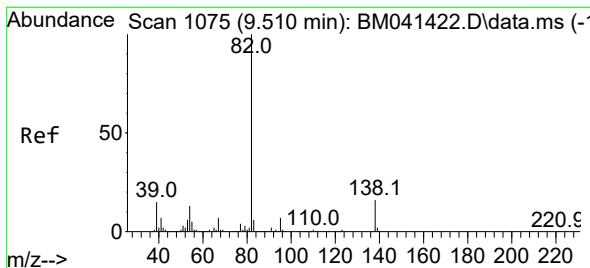
Ion Ratio Lower Upper

77 100

123 41.3 33.5 50.3

65 13.7 11.0 16.6





#25

Isophorone

Concen: 42.581 ng

RT: 9.510 min Scan# 1075

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

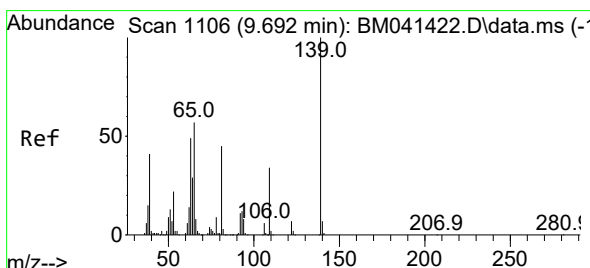
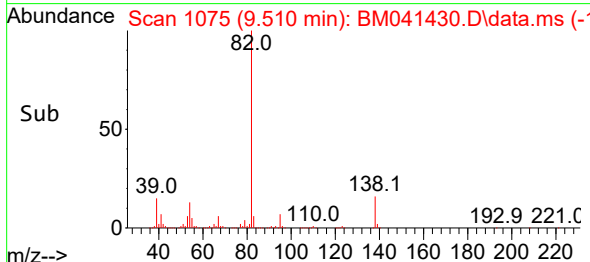
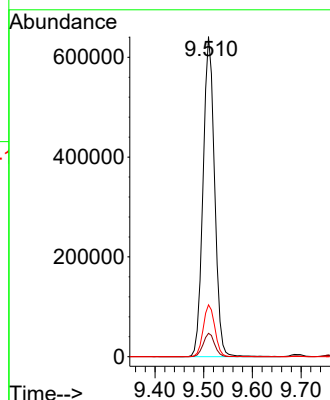
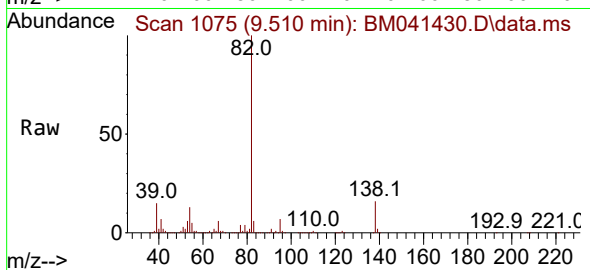
BNA_M

ClientSampleId :

PB154837BS

Tgt Ion: 82 Resp: 1051574

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	16.2	12.9	19.3



#26

2-Nitrophenol

Concen: 47.000 ng

RT: 9.692 min Scan# 1106

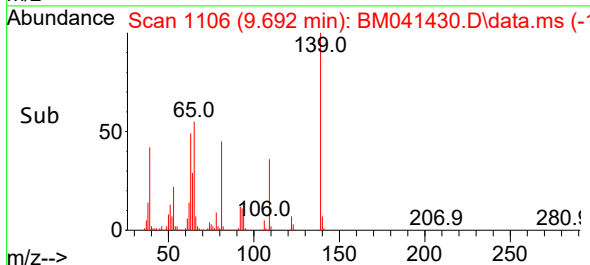
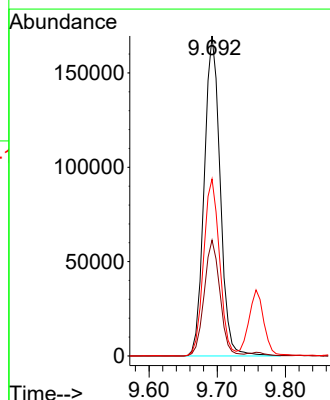
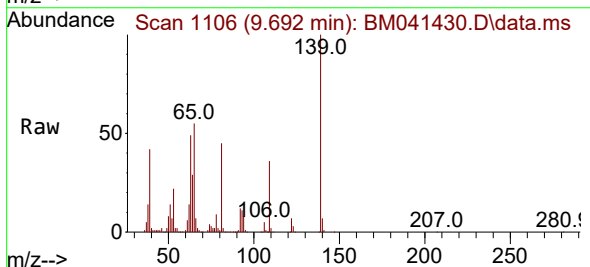
Delta R.T. -0.000 min

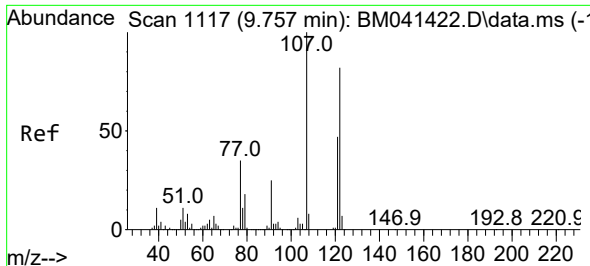
Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Tgt Ion: 139 Resp: 276472

Ion	Ratio	Lower	Upper
139	100		
109	36.2	27.4	41.2
65	55.3	45.3	67.9

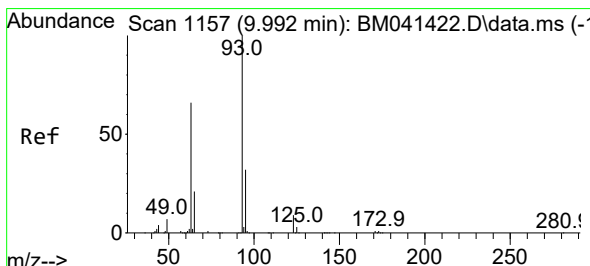
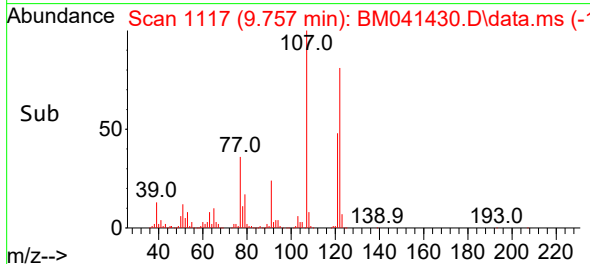
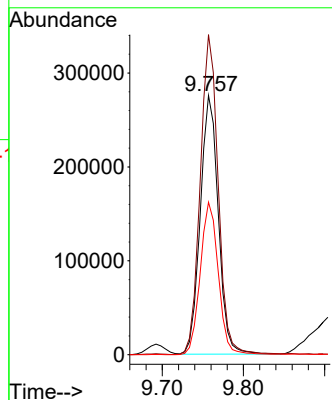
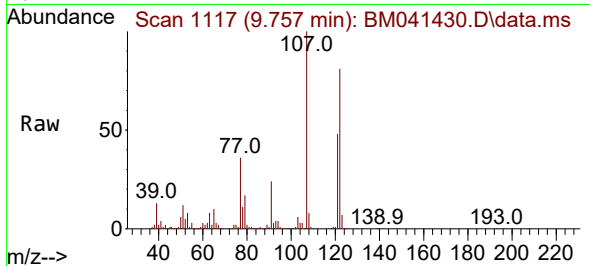




#27
2,4-Dimethylphenol
Concen: 44.825 ng
RT: 9.757 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

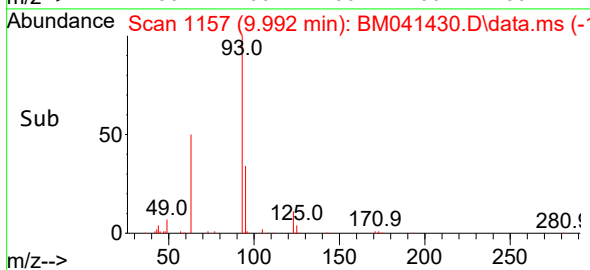
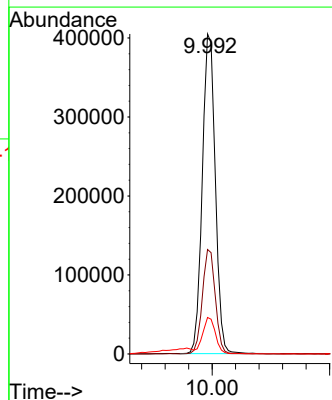
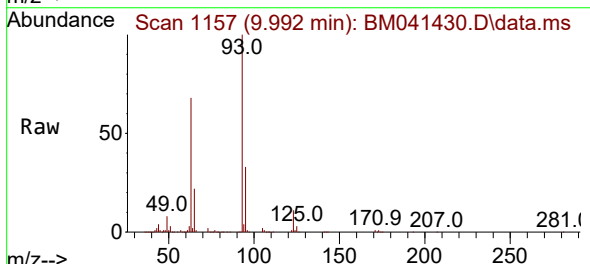
Instrument :
BNA_M
ClientSampleId :
PB154837BS

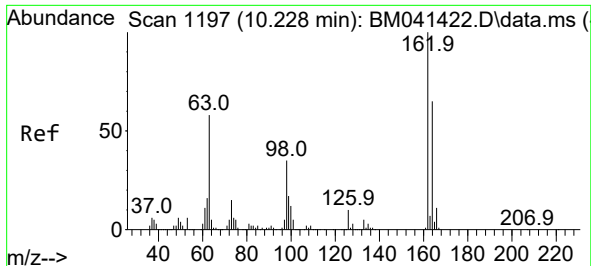
Tgt Ion:122 Resp: 424566
Ion Ratio Lower Upper
122 100
107 123.4 96.7 145.1
121 58.8 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.177 ng
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 93 Resp: 620646
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 11.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 47.453 ng

RT: 10.228 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

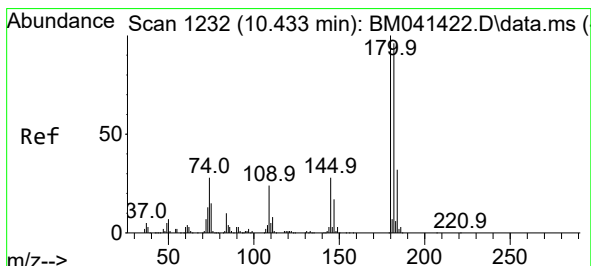
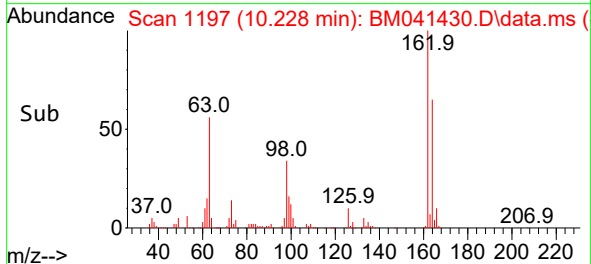
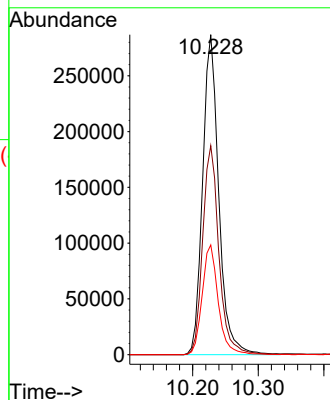
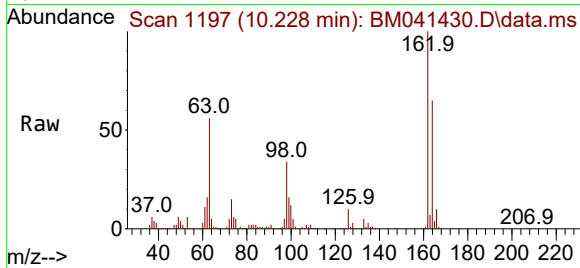
Tgt Ion:162 Resp: 492395

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

98 34.3 14.6 54.6



#30

1,2,4-Trichlorobenzene

Concen: 46.664 ng

RT: 10.428 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

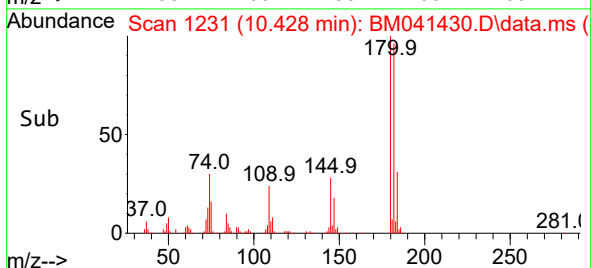
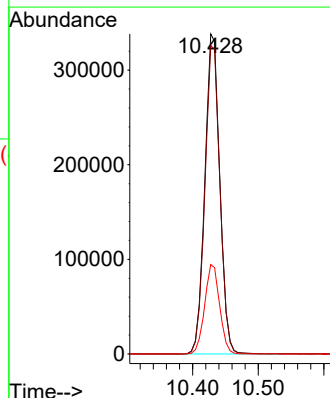
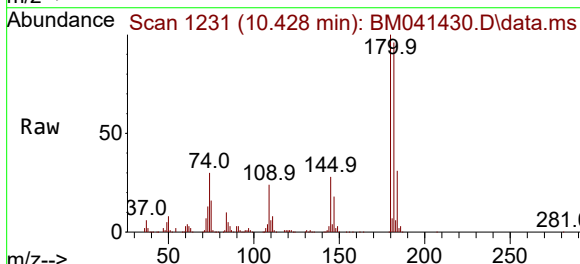
Tgt Ion:180 Resp: 537638

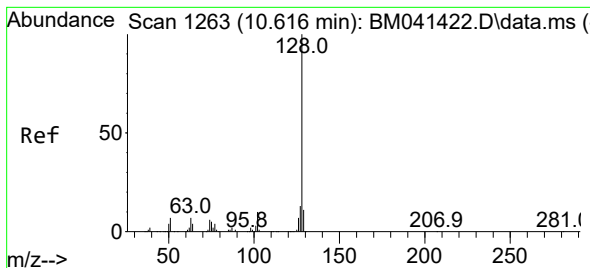
Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

145 27.9 22.4 33.6

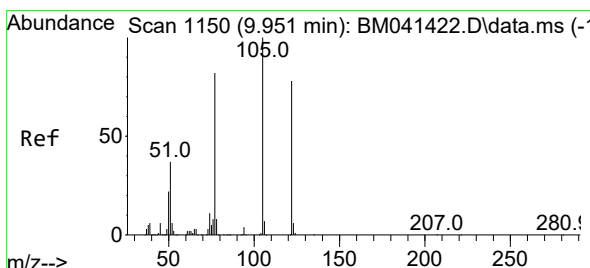
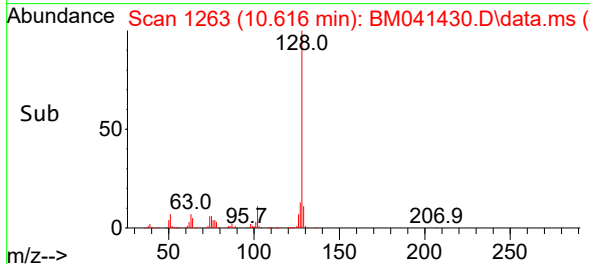
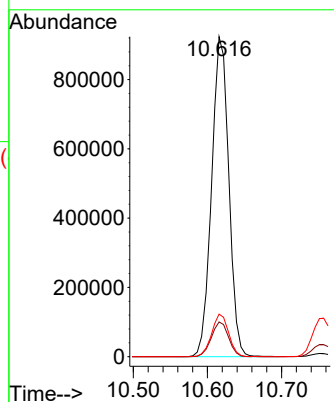
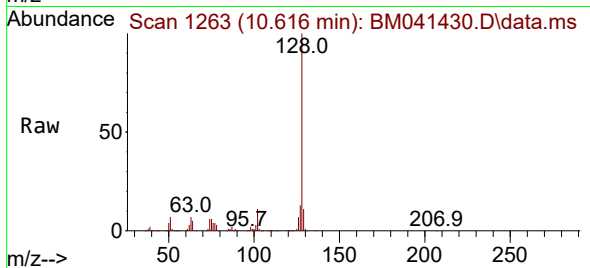




#31
Naphthalene
Concen: 44.383 ng
RT: 10.616 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

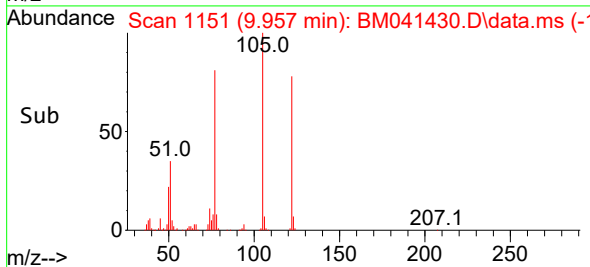
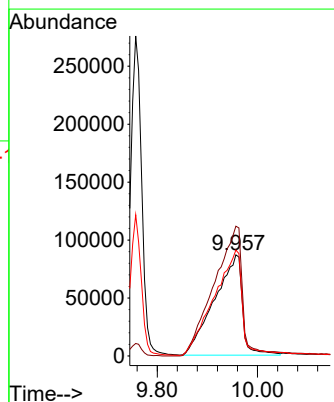
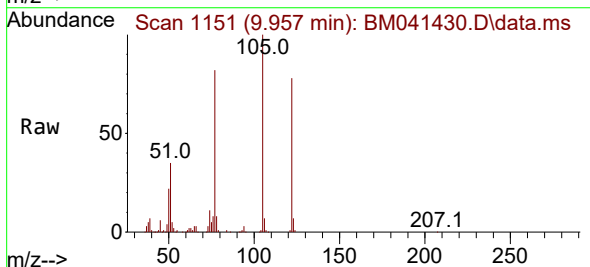
Instrument :
BNA_M
ClientSampleId :
PB154837BS

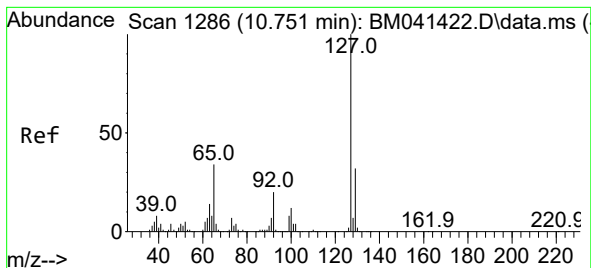
Tgt Ion:128 Resp: 1486239
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 44.078 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:122 Resp: 335314
Ion Ratio Lower Upper
122 100
105 128.3 107.1 147.1
77 104.8 84.8 124.8





#33

4-Chloroaniline

Concen: 16.483 ng

RT: 10.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

Tgt Ion:127 Resp: 233022

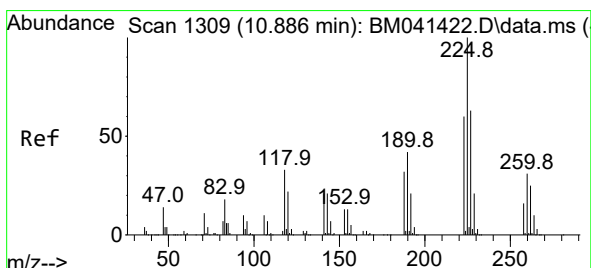
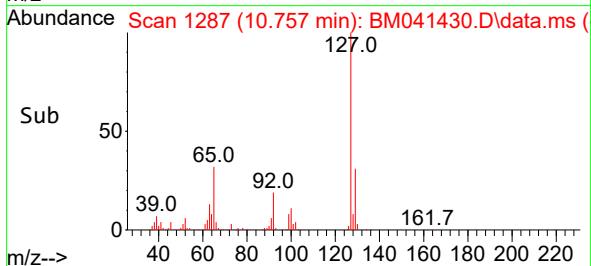
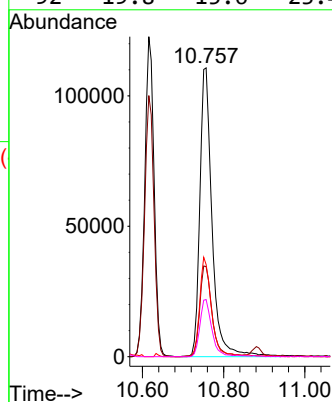
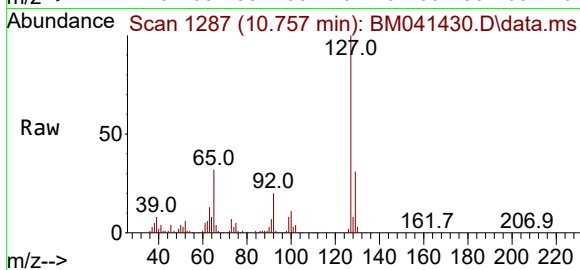
Ion Ratio Lower Upper

127 100

129 31.2 25.4 38.2

65 31.9 27.1 40.7

92 19.8 15.6 23.4



#34

Hexachlorobutadiene

Concen: 45.271 ng

RT: 10.880 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

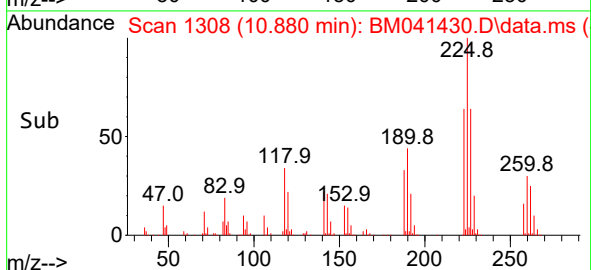
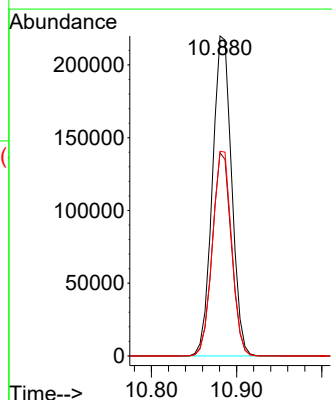
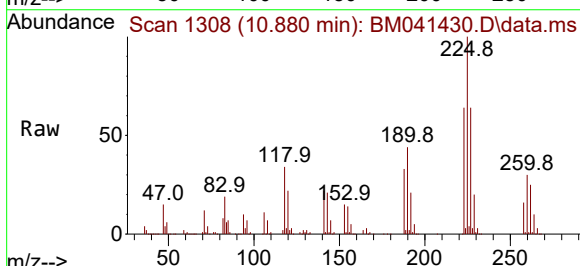
Tgt Ion:225 Resp: 344941

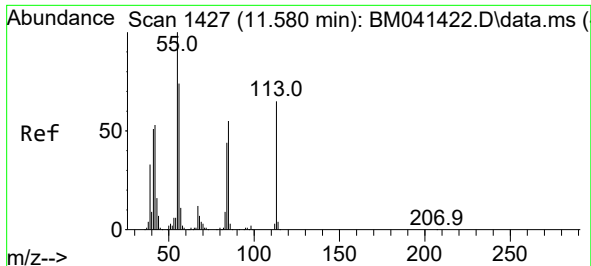
Ion Ratio Lower Upper

225 100

223 63.5 48.1 72.1

227 64.0 50.4 75.6

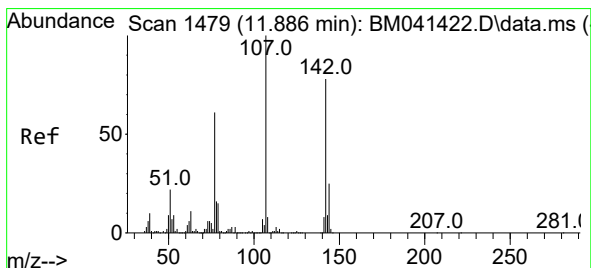
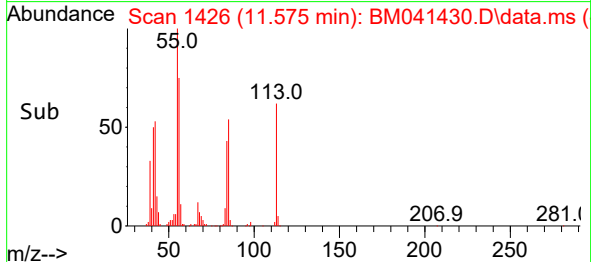
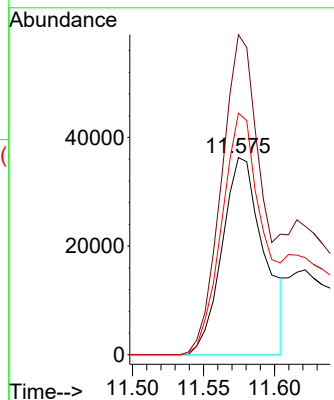
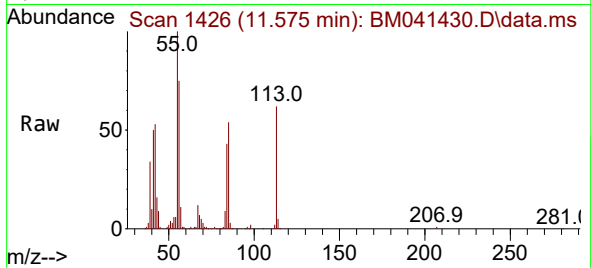




#35
Caprolactam
Concen: 23.119 ng
RT: 11.575 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

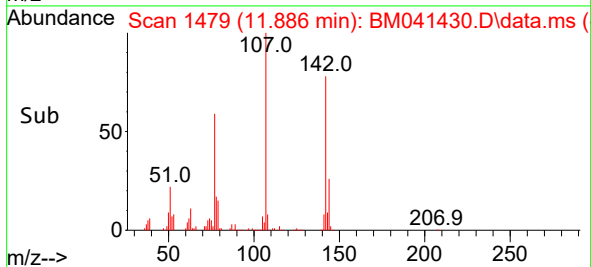
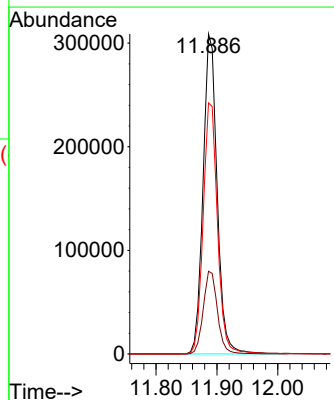
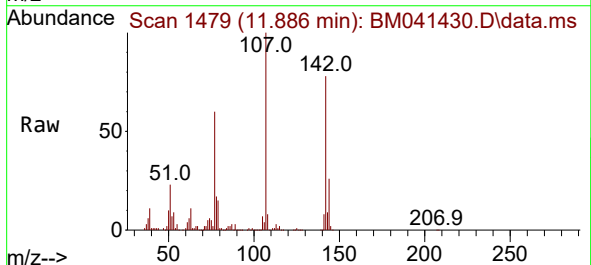
Instrument :
BNA_M
ClientSampleId :
PB154837BS

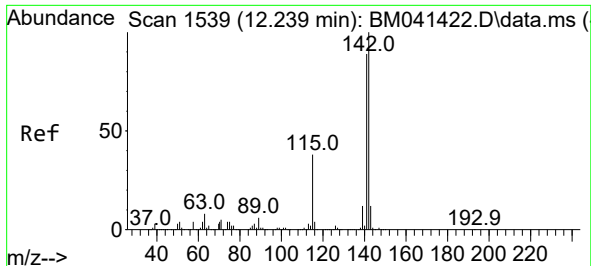
Tgt Ion:113 Resp: 74369
Ion Ratio Lower Upper
113 100
55 162.3 135.3 175.3
56 122.5 94.4 134.4



#36
4-Chloro-3-methylphenol
Concen: 44.944 ng
RT: 11.886 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:107 Resp: 496325
Ion Ratio Lower Upper
107 100
144 25.8 20.3 30.5
142 78.5 62.7 94.1

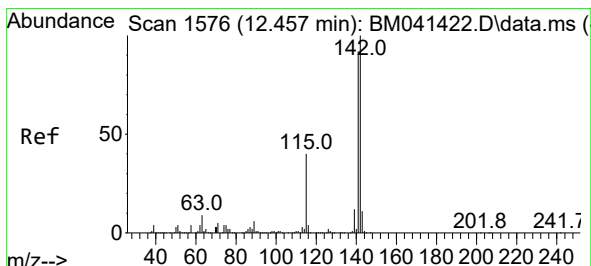
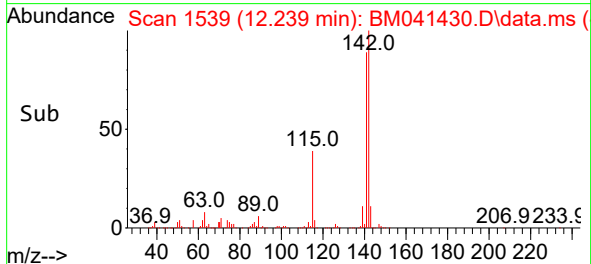
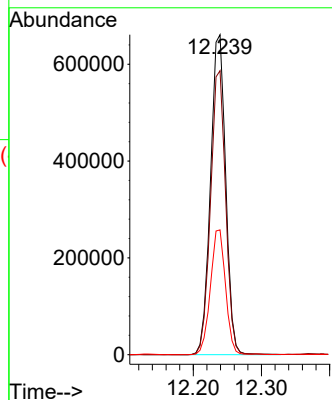
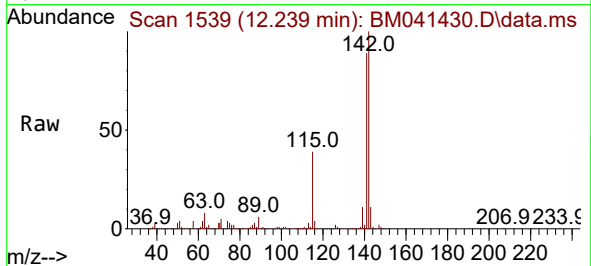




#37
2-Methylnaphthalene
Concen: 42.063 ng
RT: 12.239 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

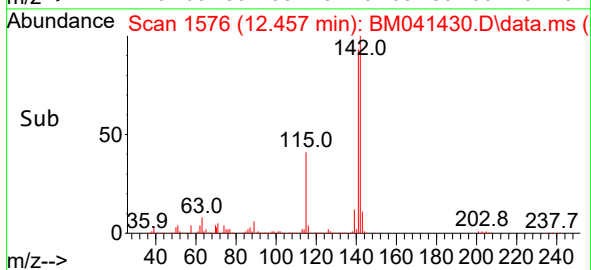
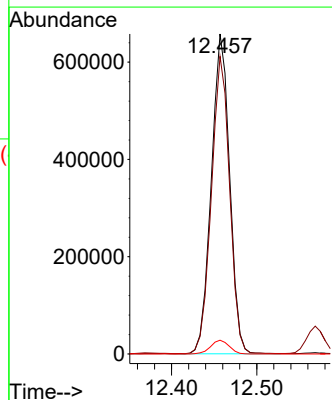
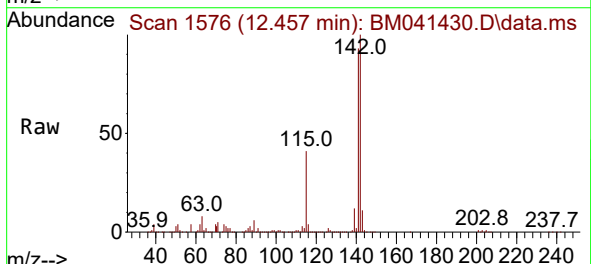
Instrument :
BNA_M
ClientSampleId :
PB154837BS

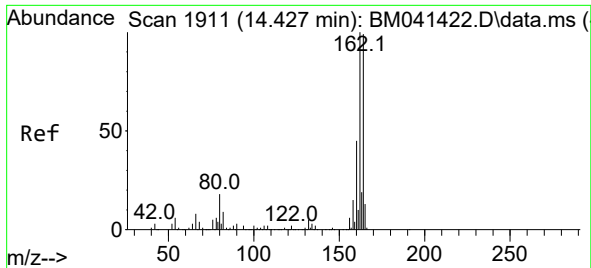
Tgt Ion:142 Resp: 1024915
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0
115 39.0 30.8 46.2



#38
1-Methylnaphthalene
Concen: 42.622 ng
RT: 12.457 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:142 Resp: 981159
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 4.3 3.3 4.9

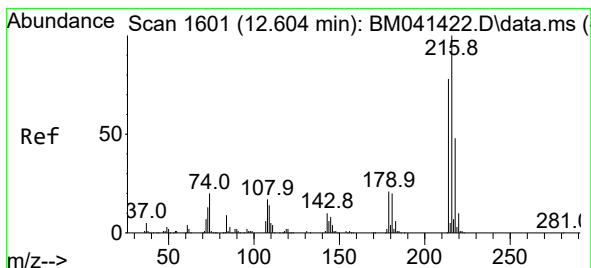
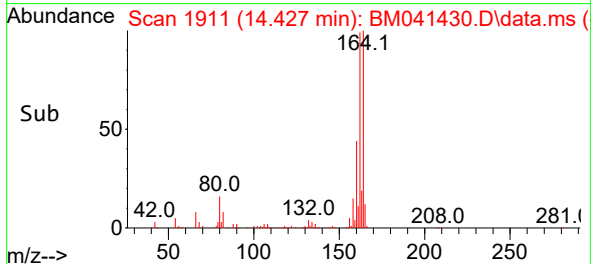
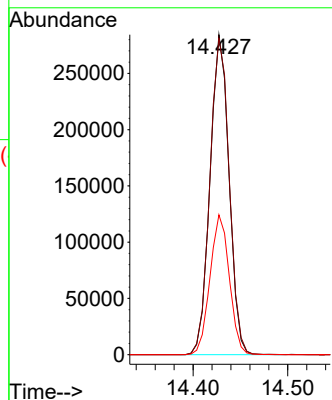
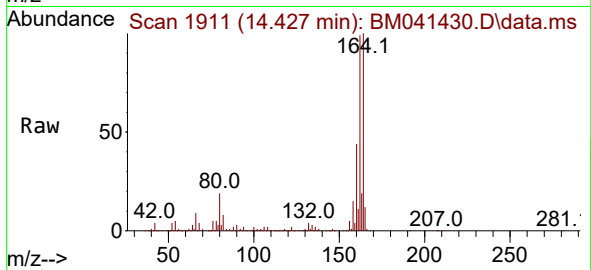




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

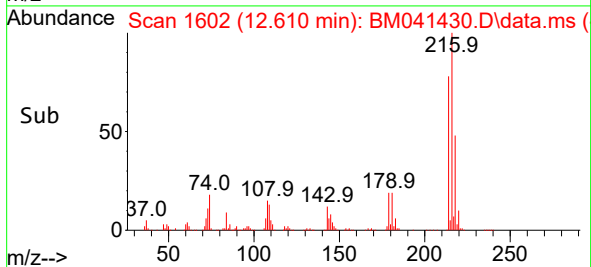
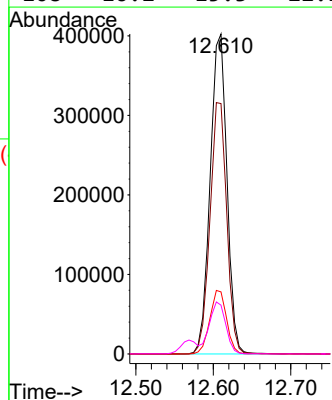
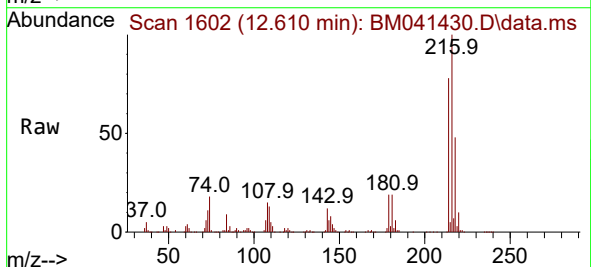
Instrument :
BNA_M
ClientSampleId :
PB154837BS

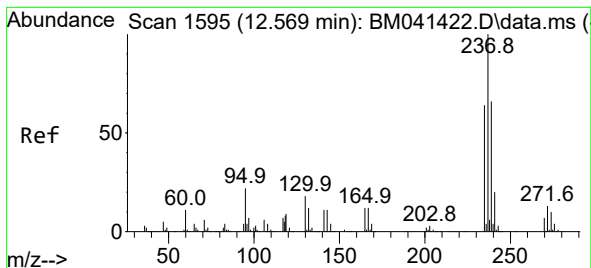
Tgt Ion:164 Resp: 395705
Ion Ratio Lower Upper
164 100
162 98.9 80.4 120.6
160 43.7 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.956 ng
RT: 12.610 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

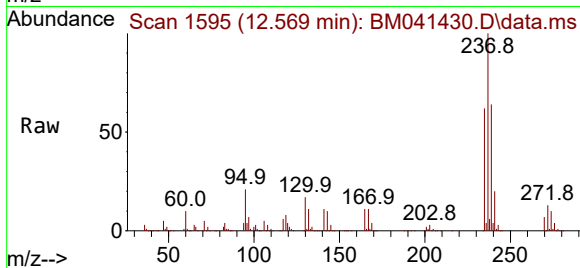
Tgt Ion:216 Resp: 606209
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 19.8 16.2 24.4
108 16.2 15.3 22.9



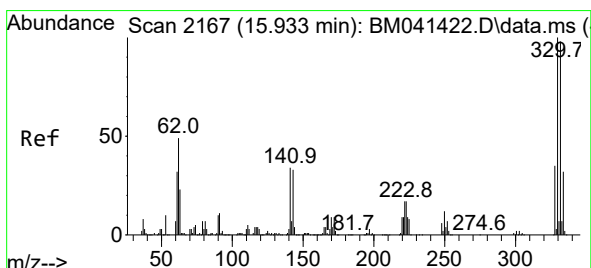
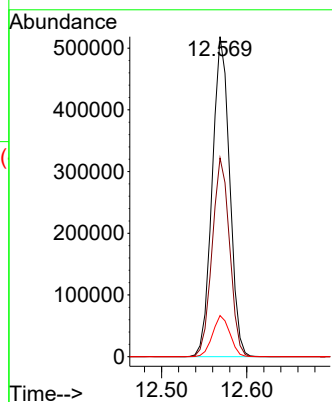
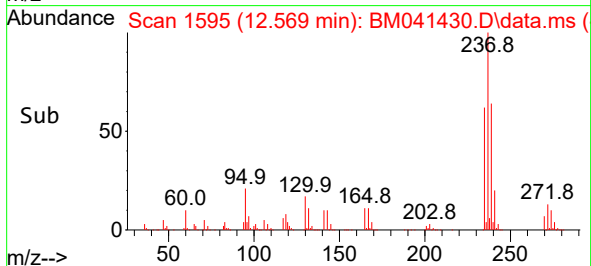


#41
Hexachlorocyclopentadiene
Concen: 102.871 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

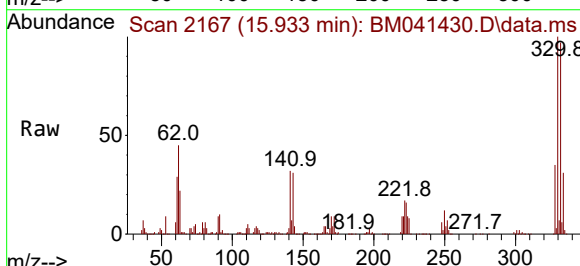
Instrument :
BNA_M
ClientSampleId :
PB154837BS



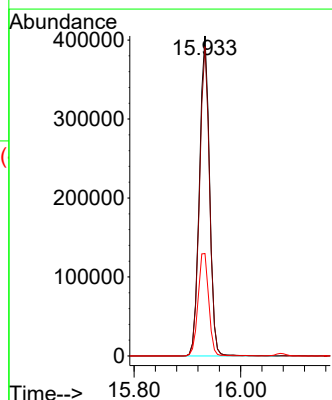
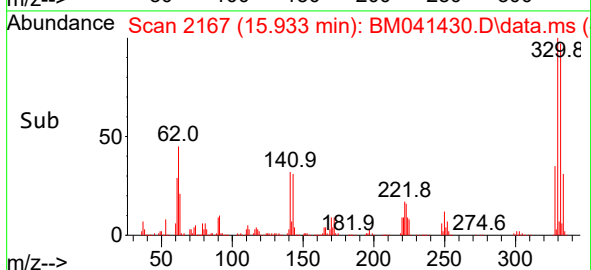
Tgt Ion:237 Resp: 736597
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 12.8 0.0 32.8

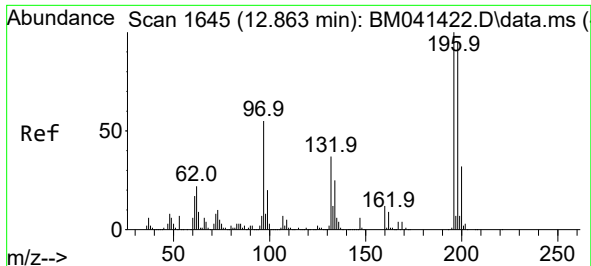


#42
2,4,6-Tribromophenol
Concen: 85.012 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30



Tgt Ion:330 Resp: 533841
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 33.8 28.3 42.5

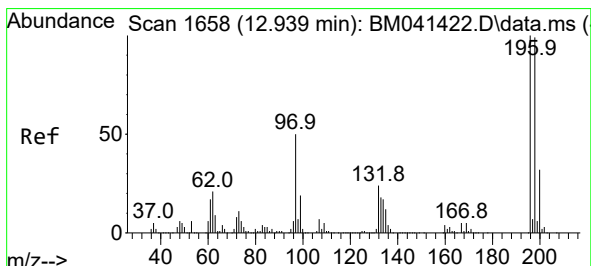
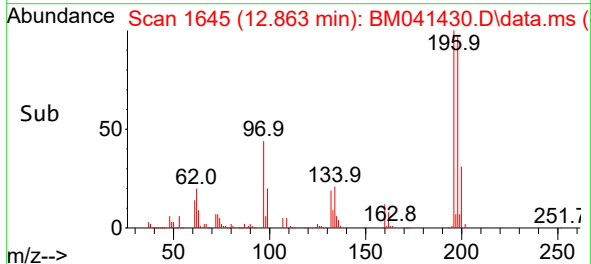
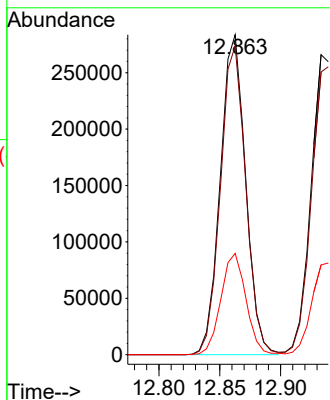
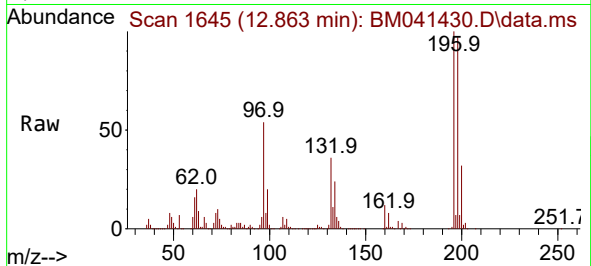




#43
2,4,6-Trichlorophenol
Concen: 47.619 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

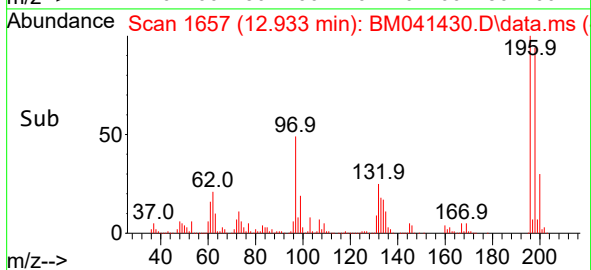
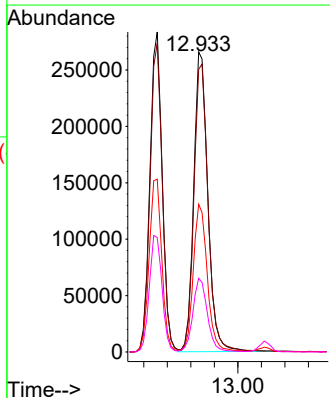
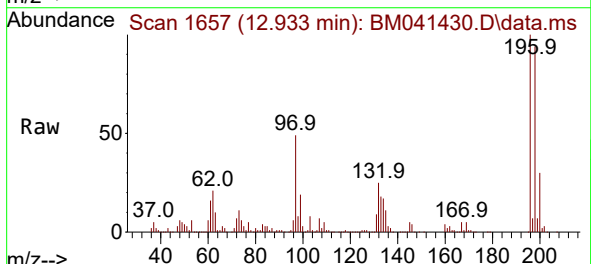
Instrument :
BNA_M
ClientSampleId :
PB154837BS

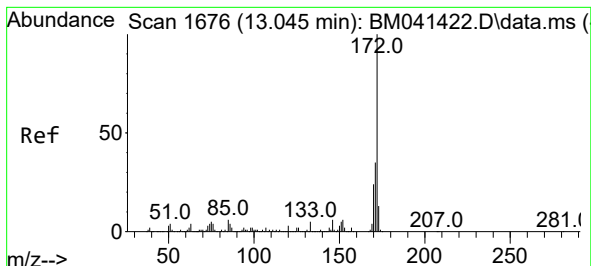
Tgt Ion:196 Resp: 411435
Ion Ratio Lower Upper
196 100
198 96.5 75.9 113.9
200 31.7 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 44.303 ng
RT: 12.933 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:196 Resp: 443130
Ion Ratio Lower Upper
196 100
198 94.2 79.1 118.7
97 49.3 39.9 59.9
132 24.5 19.5 29.3

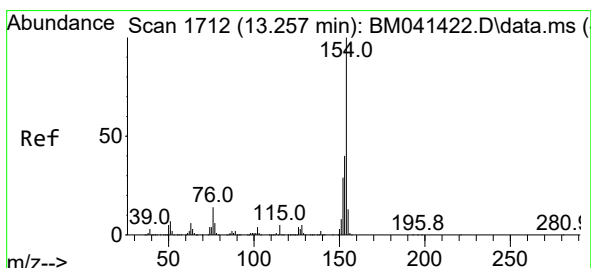
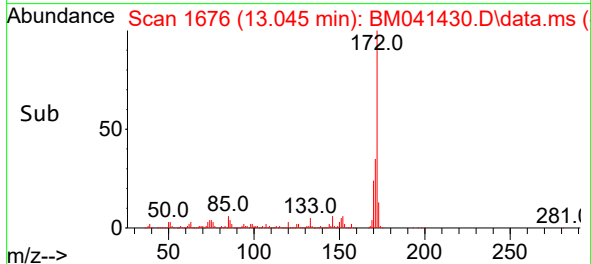
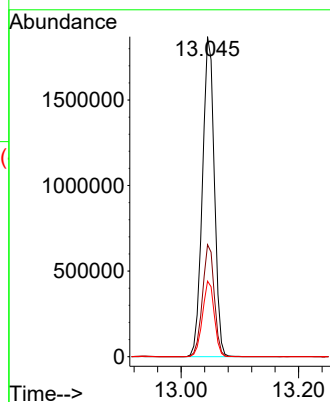
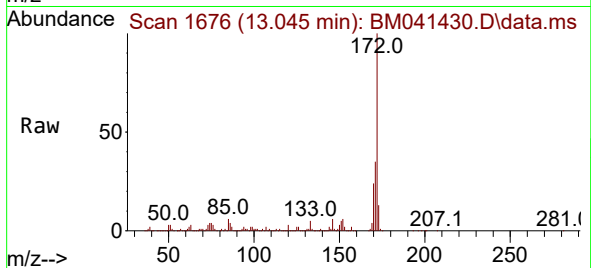




#45
2-Fluorobiphenyl
Concen: 89.175 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

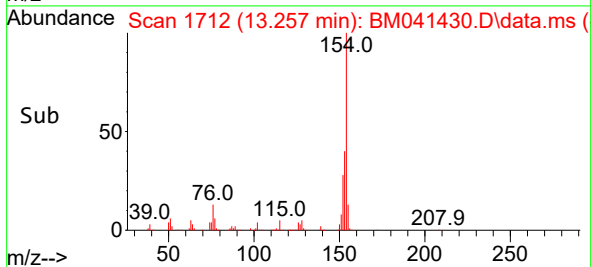
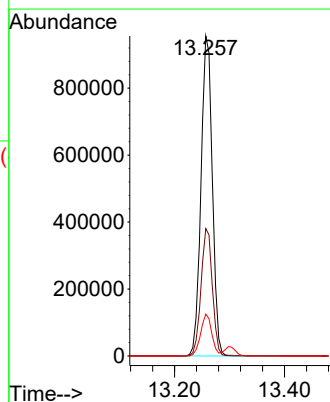
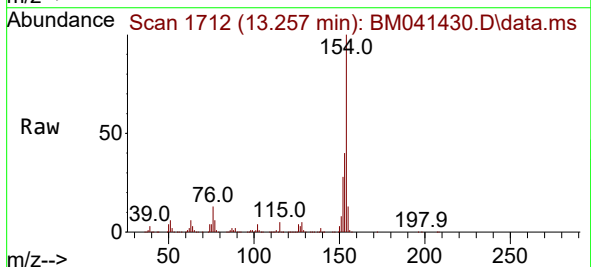
Instrument :
BNA_M
ClientSampleId :
PB154837BS

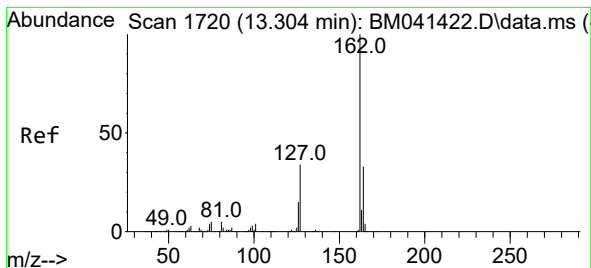
Tgt Ion:172 Resp: 2633325
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.859 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:154 Resp: 1369497
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 13.1 0.0 33.6

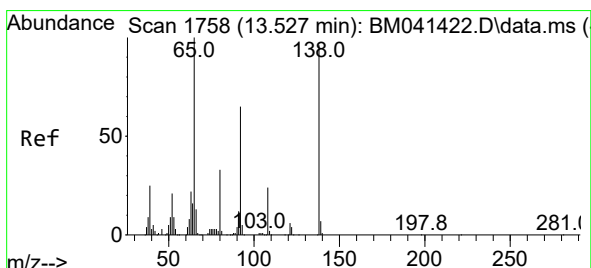
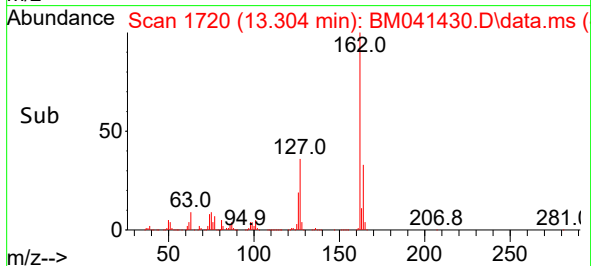
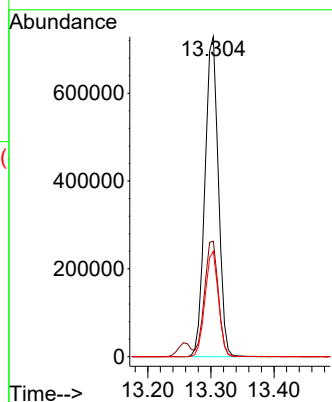
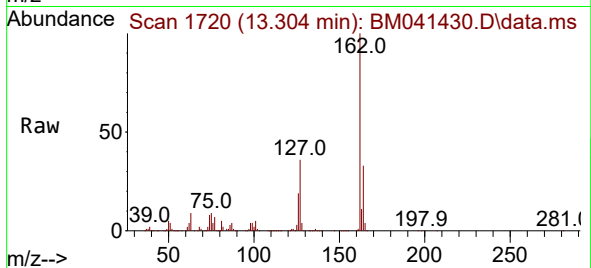




#47
2-Chloronaphthalene
Concen: 46.916 ng
RT: 13.304 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

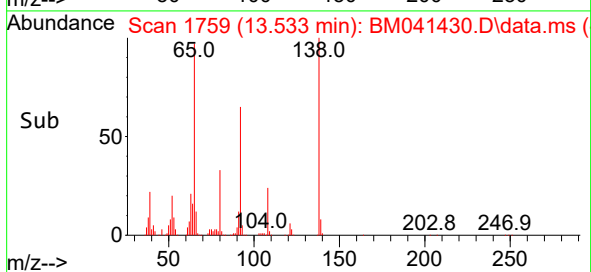
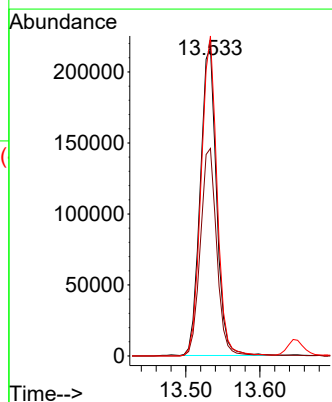
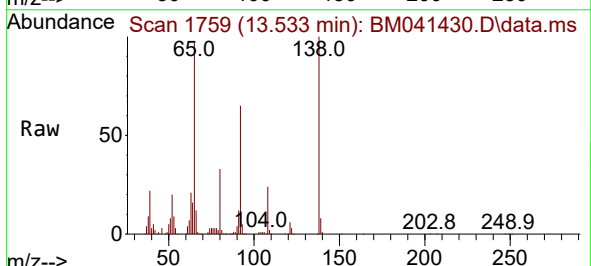
Instrument :
BNA_M
ClientSampleId :
PB154837BS

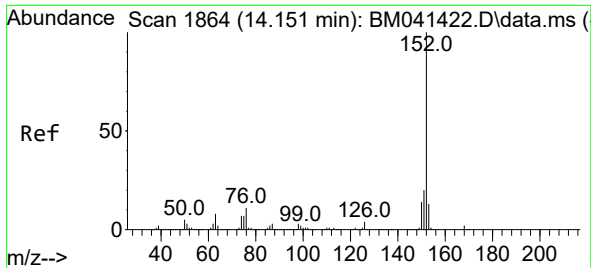
Tgt Ion:162 Resp: 1076859
Ion Ratio Lower Upper
162 100
127 36.1 29.6 44.4
164 33.0 26.2 39.2



#48
2-Nitroaniline
Concen: 44.206 ng
RT: 13.533 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion: 65 Resp: 331533
Ion Ratio Lower Upper
65 100
92 67.1 51.9 77.9
138 103.5 76.8 115.2

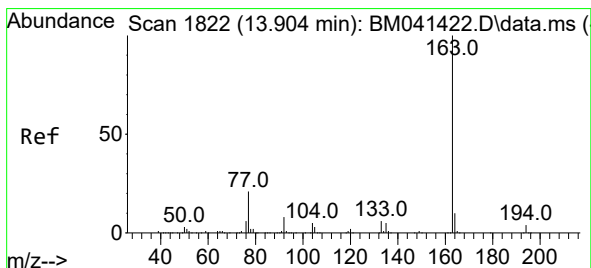
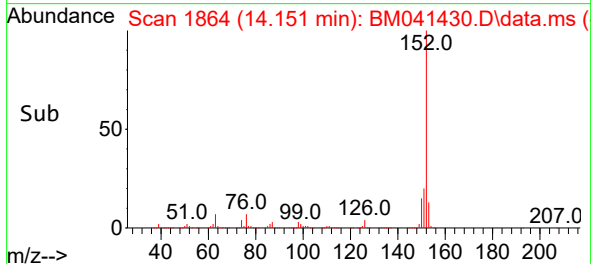
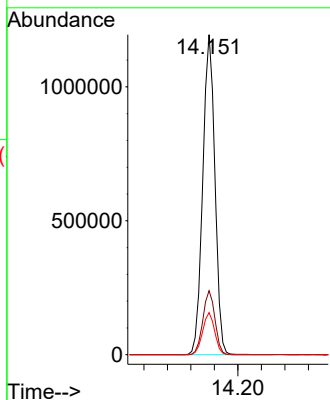
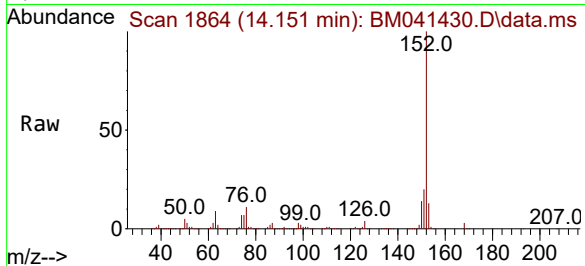




#49
Acenaphthylene
Concen: 46.083 ng
RT: 14.151 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

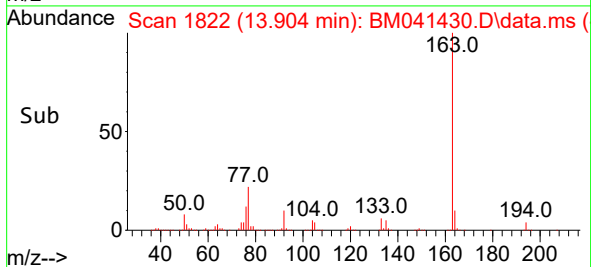
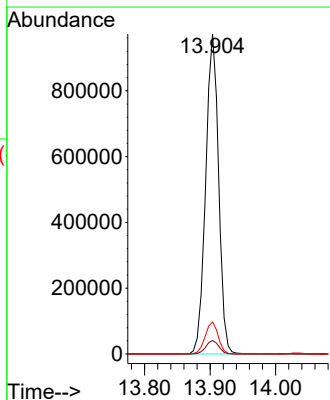
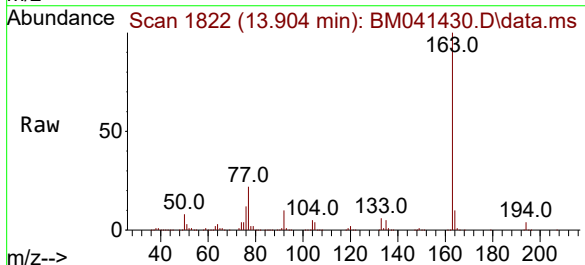
Instrument :
BNA_M
ClientSampleId :
PB154837BS

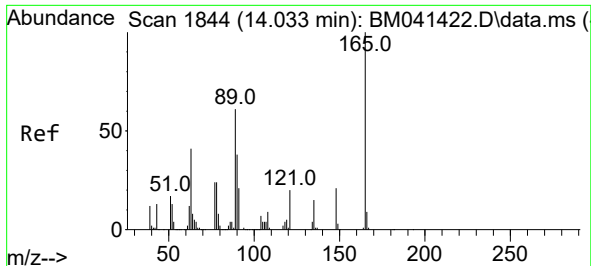
Tgt Ion:152 Resp: 1714013
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.2 15.2



#50
Dimethylphthalate
Concen: 43.164 ng
RT: 13.904 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:163 Resp: 1333743
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.707 ng

RT: 14.033 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

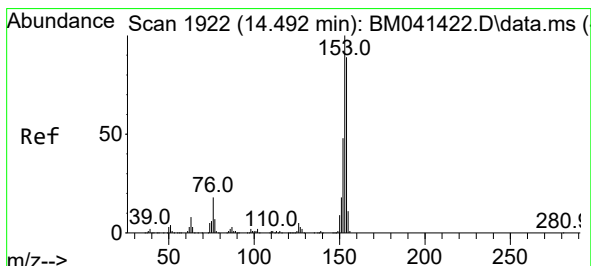
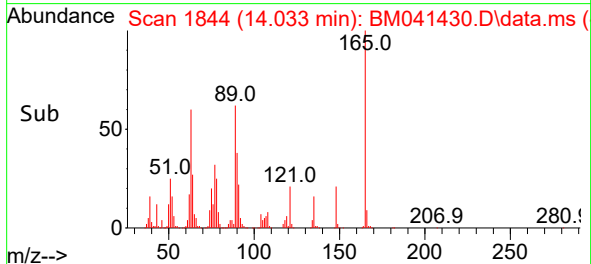
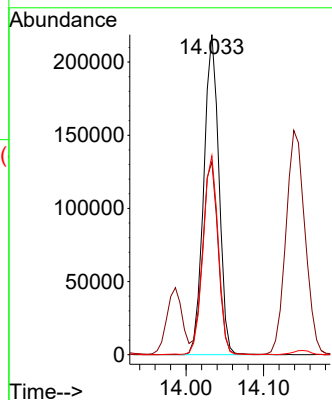
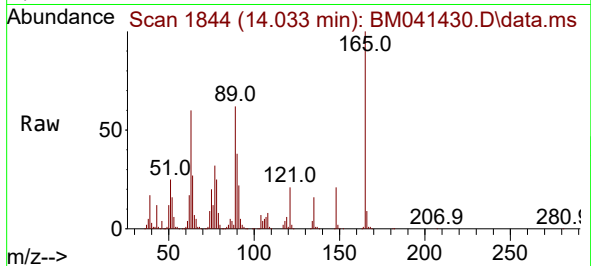
Tgt Ion:165 Resp: 296048

Ion Ratio Lower Upper

165 100

63 60.2 49.5 74.3

89 62.1 49.4 74.0



#52

Acenaphthene

Concen: 44.393 ng

RT: 14.492 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

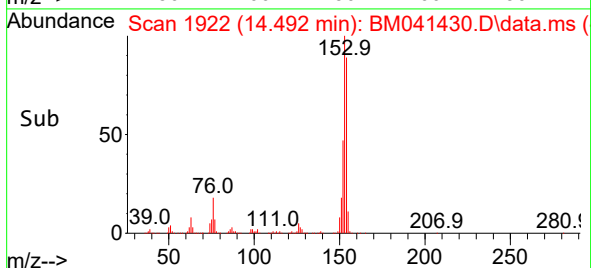
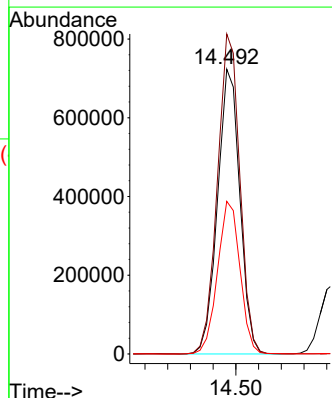
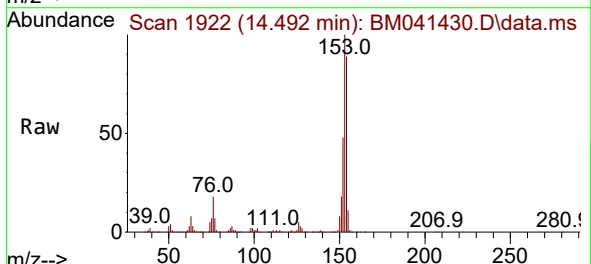
Tgt Ion:154 Resp: 987533

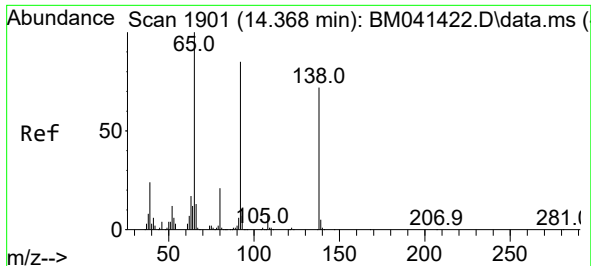
Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

152 53.6 43.1 64.7

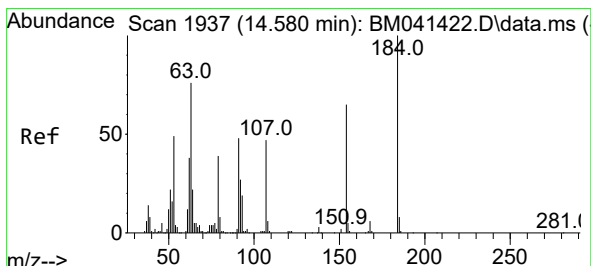
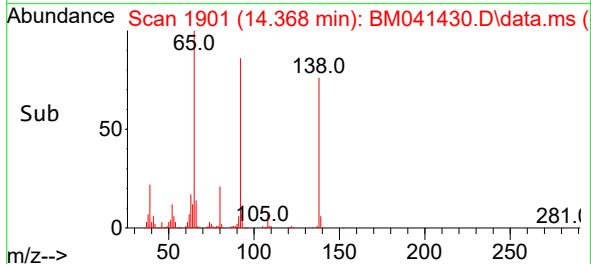
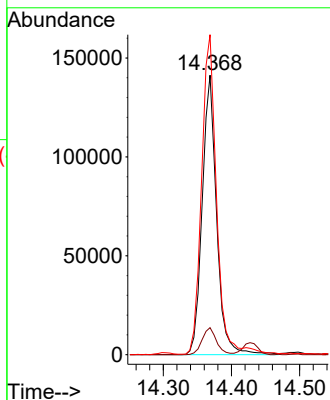
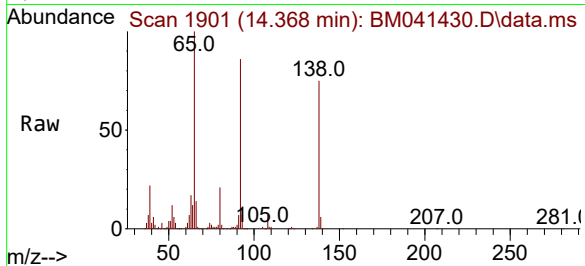




#53
3-Nitroaniline
Concen: 31.543 ng
RT: 14.368 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

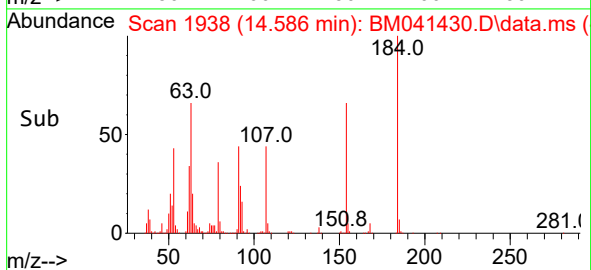
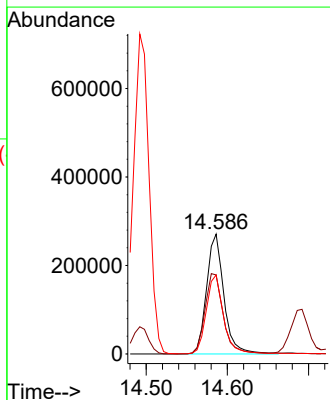
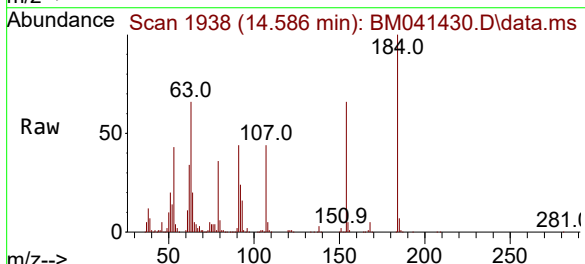
Instrument :
BNA_M
ClientSampleId :
PB154837BS

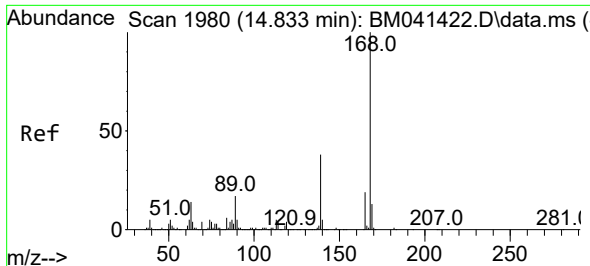
Tgt Ion:138 Resp: 208310
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 114.5 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 96.769 ng
RT: 14.586 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:184 Resp: 400813
Ion Ratio Lower Upper
184 100
63 65.9 61.1 91.7
154 66.0 52.4 78.6

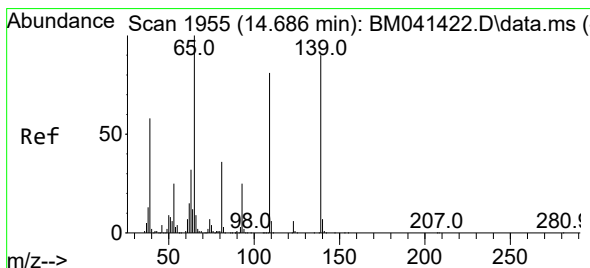
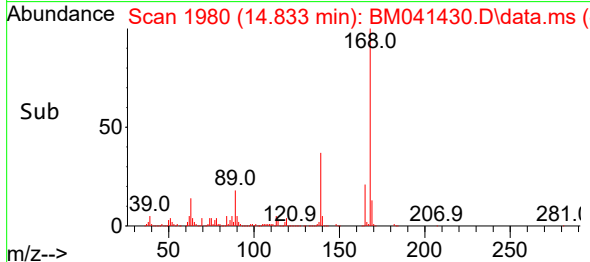
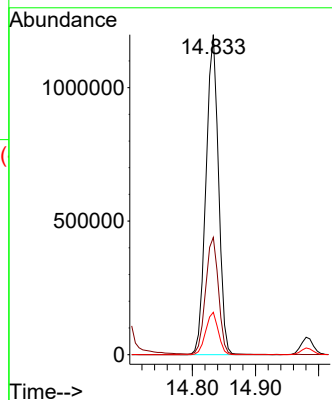
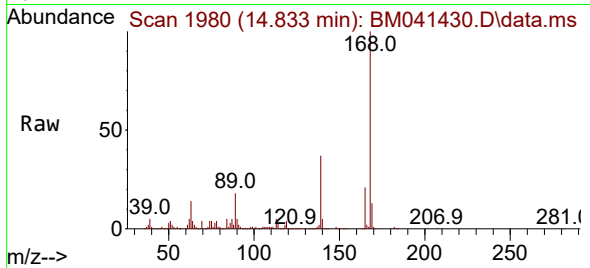




#55
Dibenzenofuran
Concen: 44.152 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

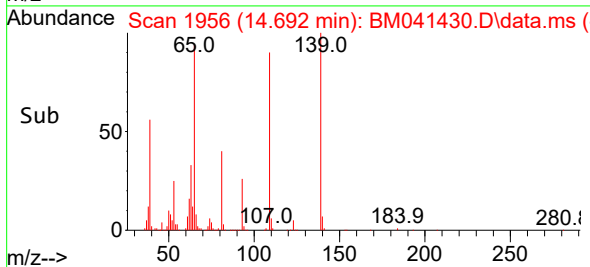
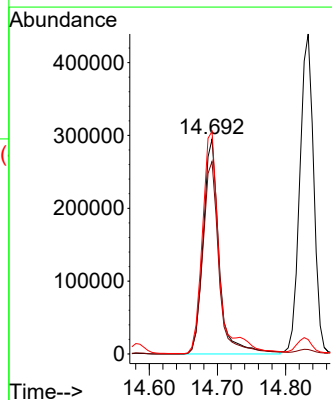
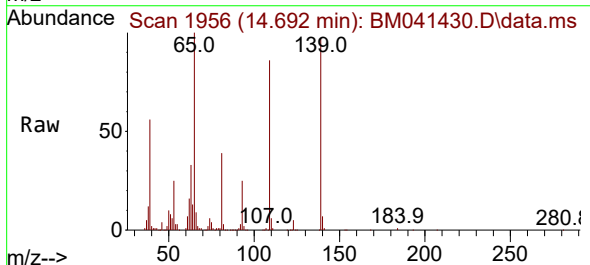
Instrument :
BNA_M
ClientSampleId :
PB154837BS

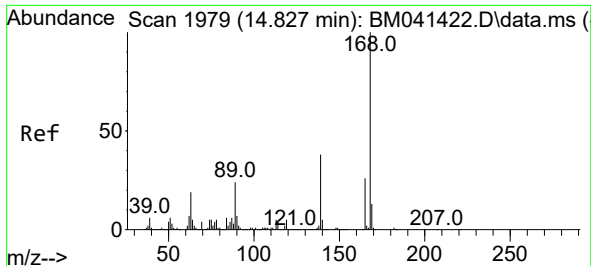
Tgt Ion:168 Resp: 1646987
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.2
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 96.832 ng
RT: 14.692 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:139 Resp: 481536
Ion Ratio Lower Upper
139 100
109 89.5 70.6 110.6
65 103.6 91.8 131.8

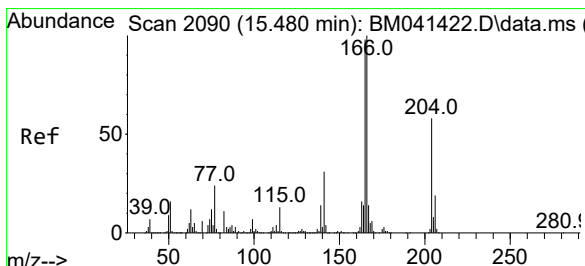
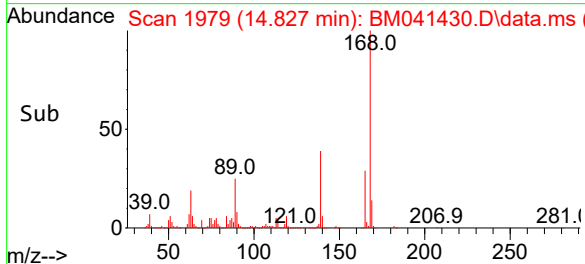
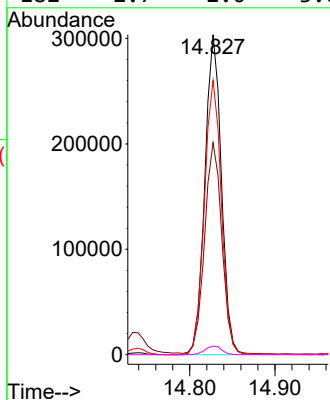
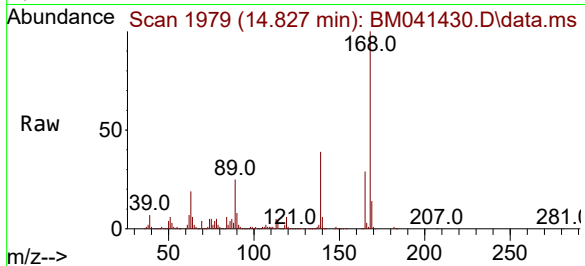




#57
2,4-Dinitrotoluene
Concen: 45.235 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

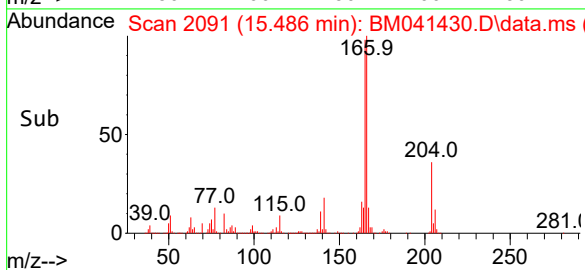
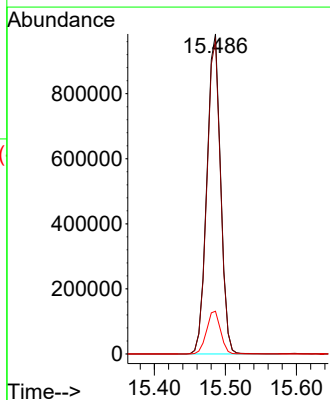
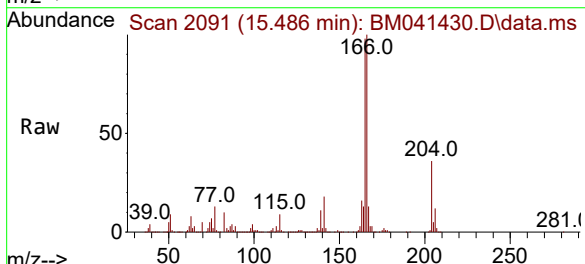
Instrument :
BNA_M
ClientSampleId :
PB154837BS

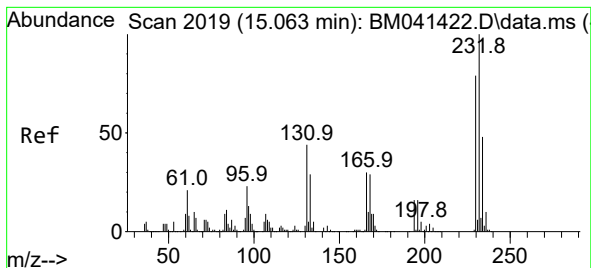
Tgt Ion:165 Resp: 409376
Ion Ratio Lower Upper
165 100
63 66.2 56.8 85.2
89 85.7 73.4 110.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.130 ng
RT: 15.486 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:166 Resp: 1319290
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.4
167 13.4 11.2 16.8

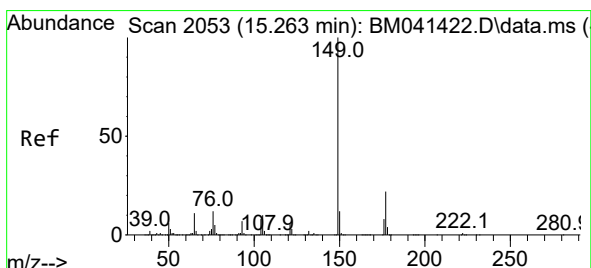
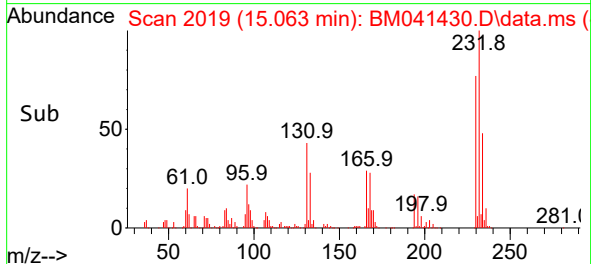
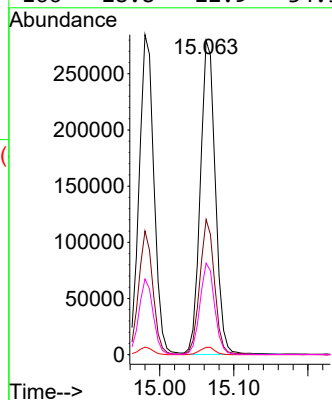
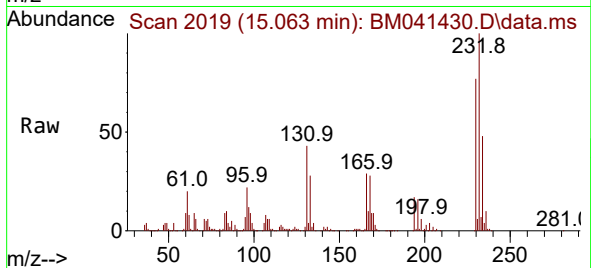




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.402 ng
RT: 15.063 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

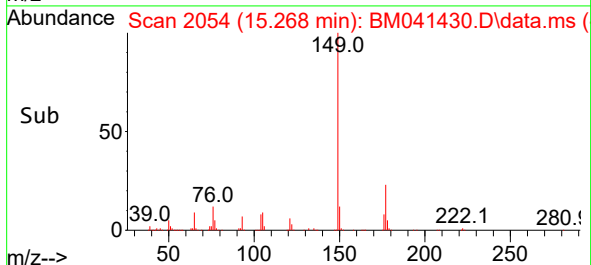
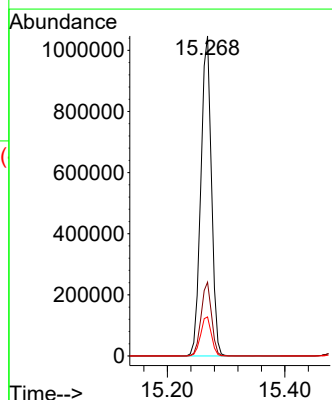
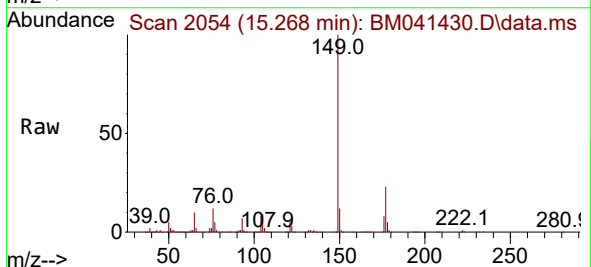
Instrument :
BNA_M
ClientSampleId :
PB154837BS

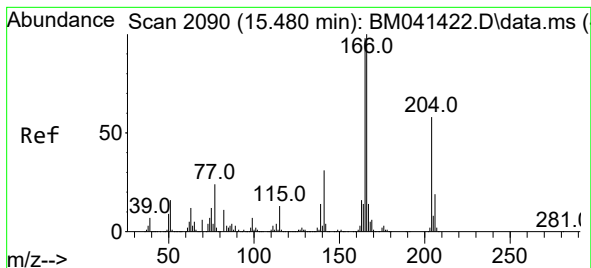
Tgt Ion:232 Resp: 394448
Ion Ratio Lower Upper
232 100
131 42.1 34.7 52.1
130 2.4 1.9 2.9
166 28.8 22.9 34.3



#60
Diethylphthalate
Concen: 42.355 ng
RT: 15.268 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:149 Resp: 1307583
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 12.2 9.8 14.8

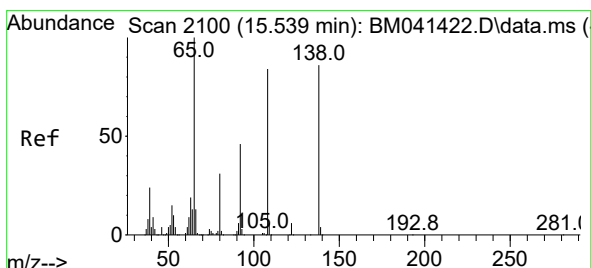
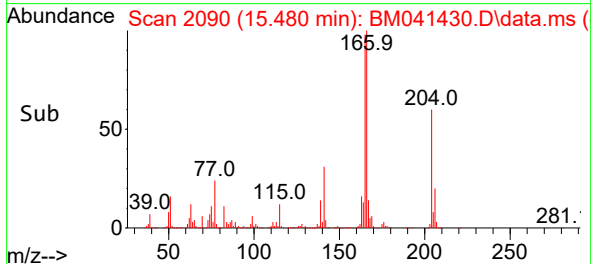
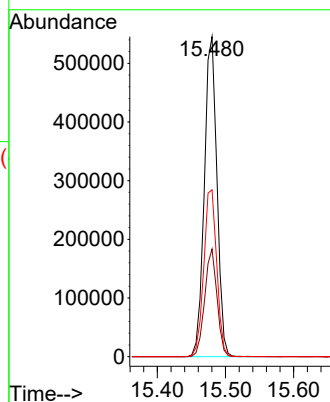
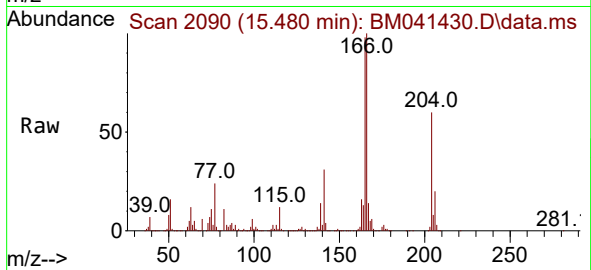




#61
4-Chlorophenyl-phenylether
Concen: 43.575 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

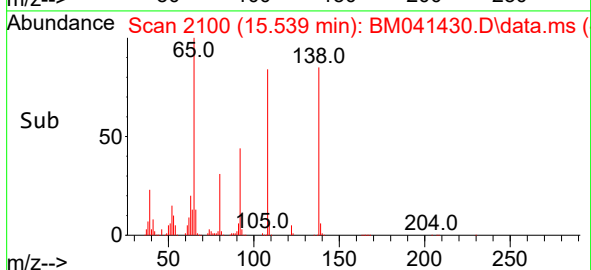
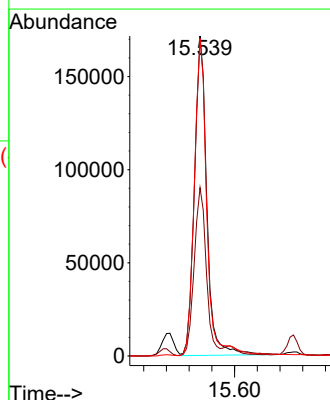
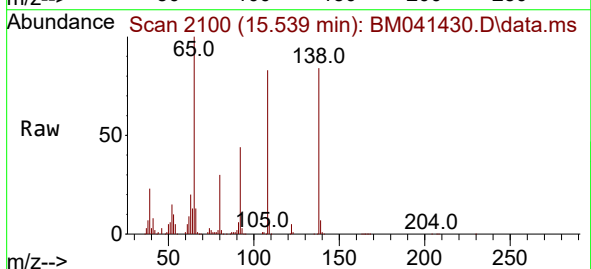
Instrument :
BNA_M
ClientSampleId :
PB154837BS

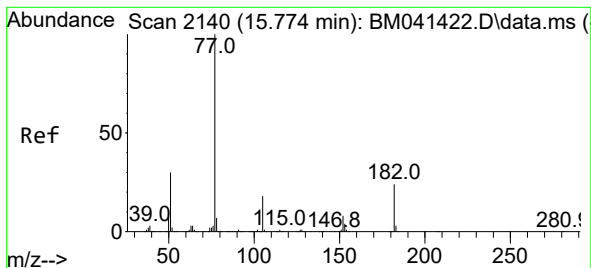
Tgt Ion:204 Resp: 702310
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 52.1 42.9 64.3



#62
4-Nitroaniline
Concen: 43.318 ng
RT: 15.539 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:138 Resp: 260973
Ion Ratio Lower Upper
138 100
92 52.6 33.5 73.5
108 99.3 76.6 116.6





#63

Azobenzene

Concen: 43.050 ng

RT: 15.774 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

Tgt Ion: 77 Resp: 1339055

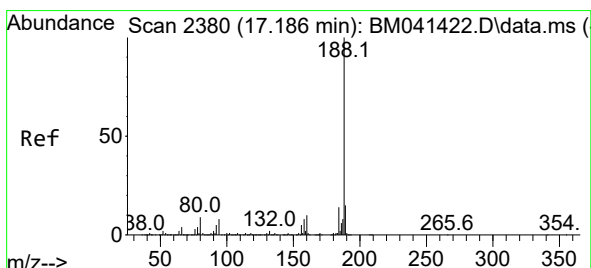
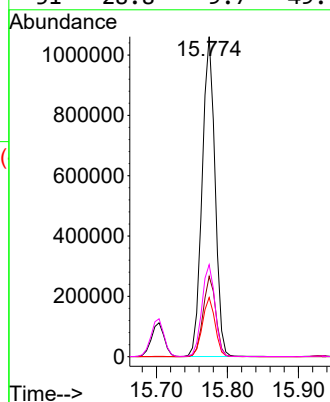
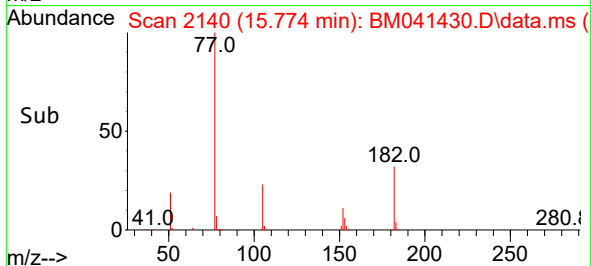
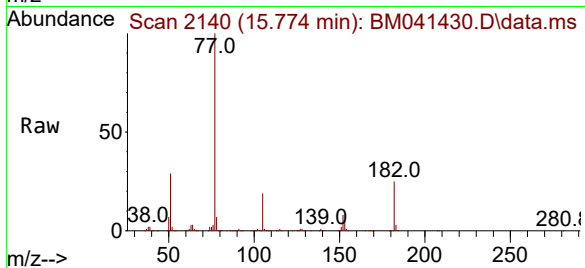
Ion Ratio Lower Upper

77 100

182 25.1 3.7 43.7

105 18.5 0.0 37.7

51 28.8 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

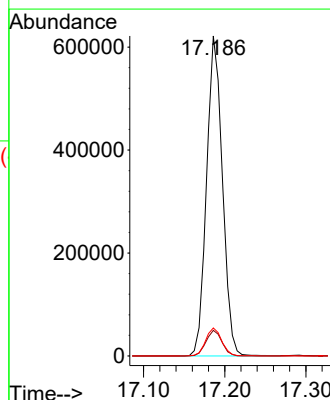
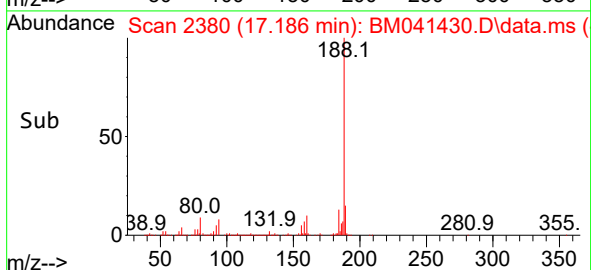
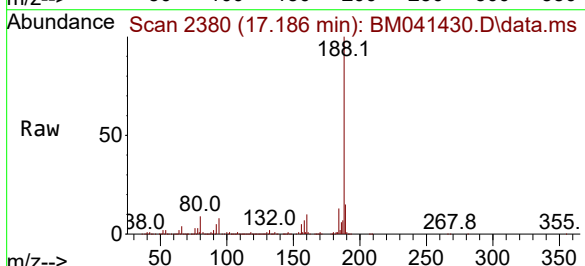
Tgt Ion: 188 Resp: 842751

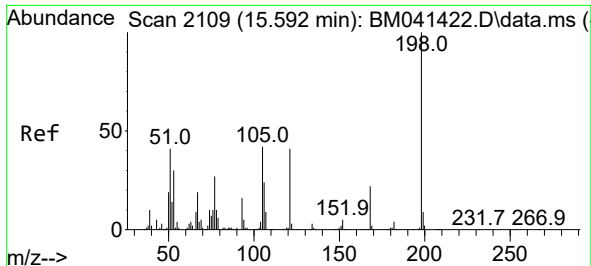
Ion Ratio Lower Upper

188 100

94 8.0 6.6 9.8

80 8.7 7.5 11.3

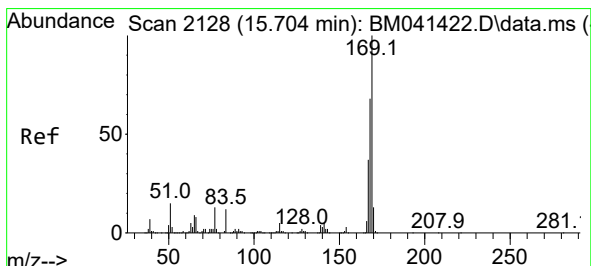
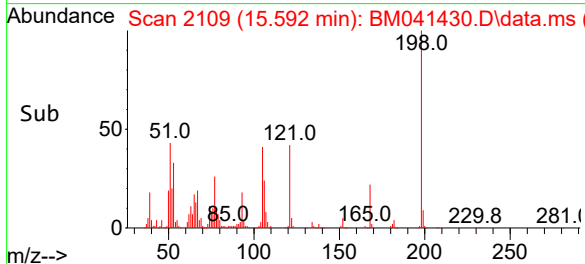
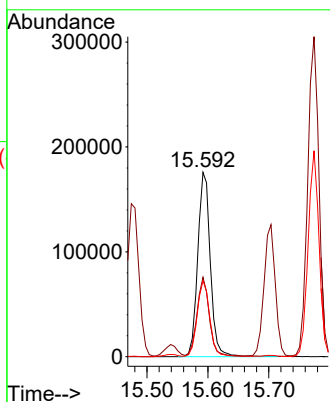
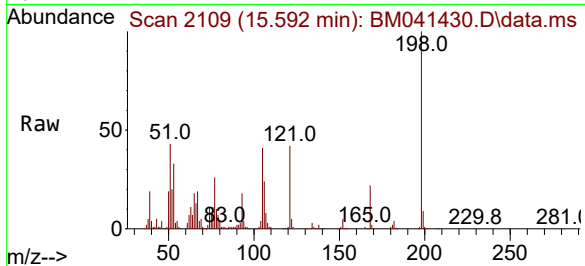




#65
4,6-Dinitro-2-methylphenol
Concen: 46.706 ng
RT: 15.592 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

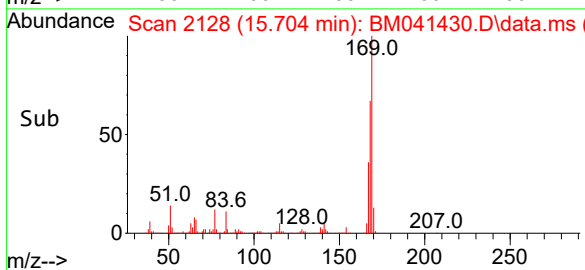
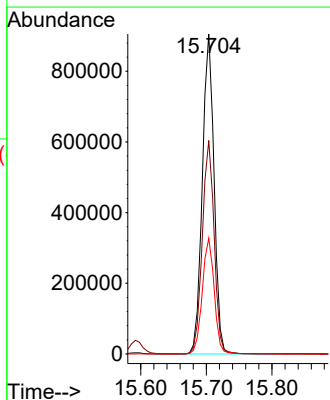
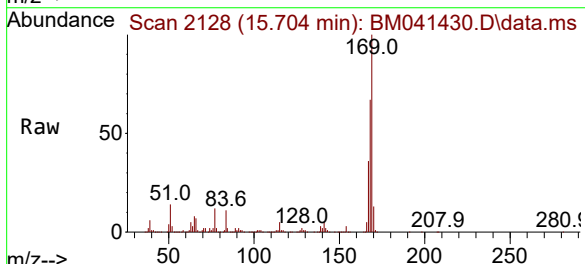
Instrument :
BNA_M
ClientSampleId :
PB154837BS

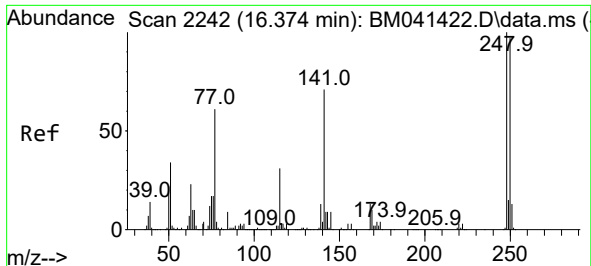
Tgt Ion:198 Resp: 251968
Ion Ratio Lower Upper
198 100
51 43.1 23.2 63.2
105 41.2 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 45.371 ng
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:169 Resp: 1125559
Ion Ratio Lower Upper
169 100
168 66.7 54.5 81.7
167 36.1 29.9 44.9

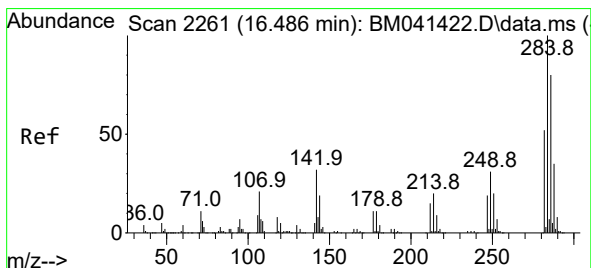
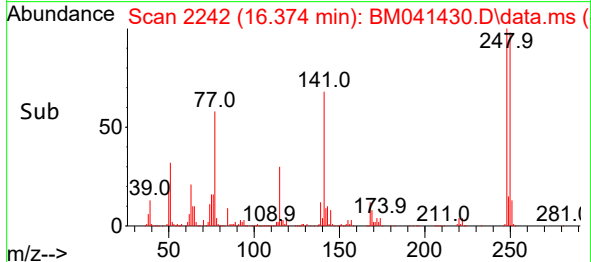
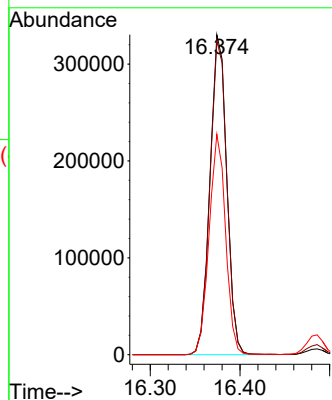
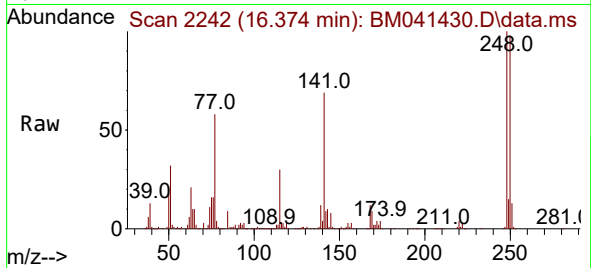




#67
4-Bromophenyl-phenylether
Concen: 44.660 ng
RT: 16.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

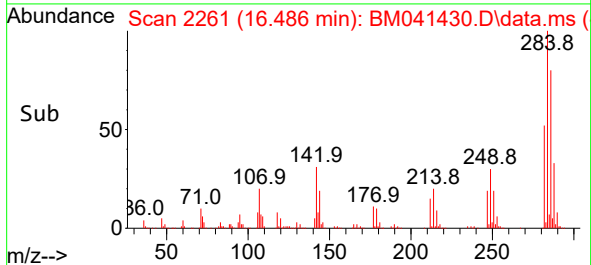
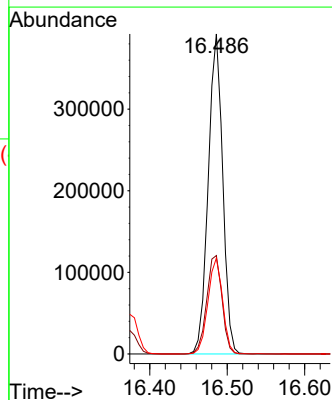
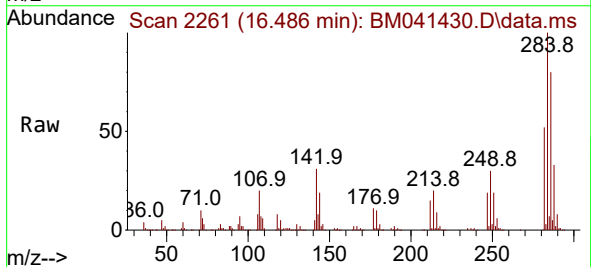
Instrument :
BNA_M
ClientSampleId :
PB154837BS

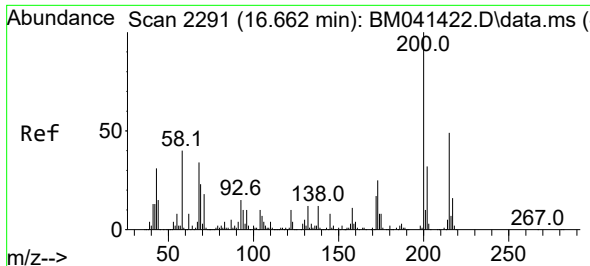
Tgt Ion:248 Resp: 431306
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 68.9 56.7 85.1



#68
Hexachlorobenzene
Concen: 48.284 ng
RT: 16.486 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:284 Resp: 508878
Ion Ratio Lower Upper
284 100
142 30.7 25.4 38.2
249 29.9 24.4 36.6

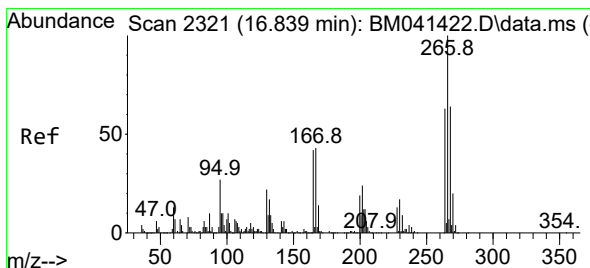
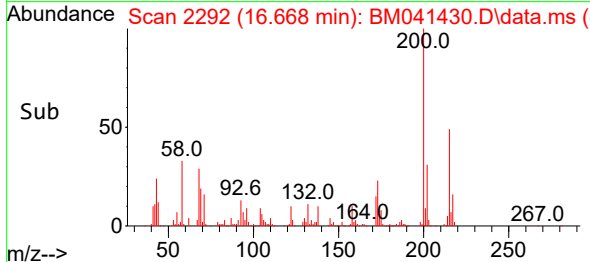
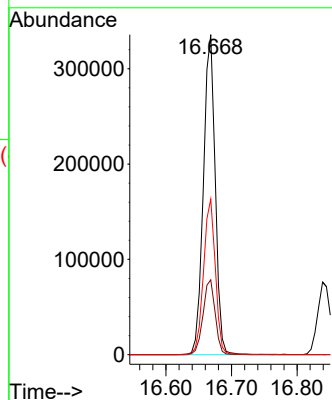
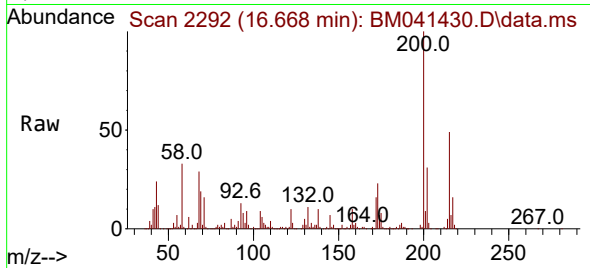




#69
 Atrazine
 Concen: 60.056 ng
 RT: 16.668 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

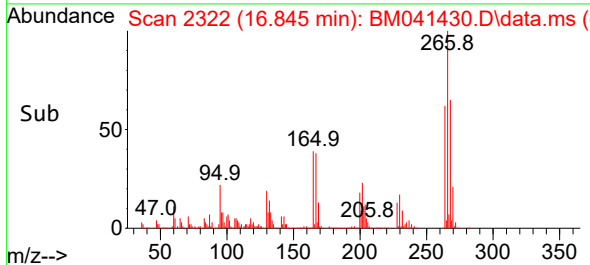
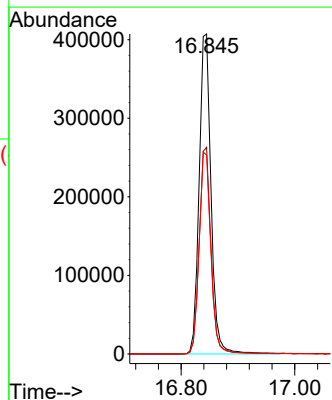
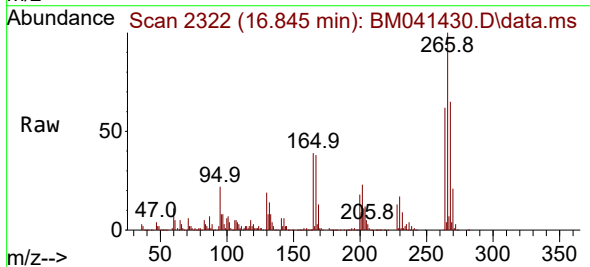
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BS

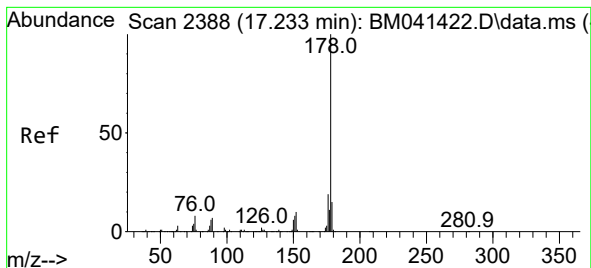
Tgt Ion:200 Resp: 422790
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.7 44.7
 215 48.6 29.4 69.4



#70
 Pentachlorophenol
 Concen: 80.424 ng
 RT: 16.845 min Scan# 2322
 Delta R.T. 0.006 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

Tgt Ion:266 Resp: 593538
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.9 76.3
 264 62.1 50.2 75.2





#71

Phenanthrene

Concen: 45.456 ng

RT: 17.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

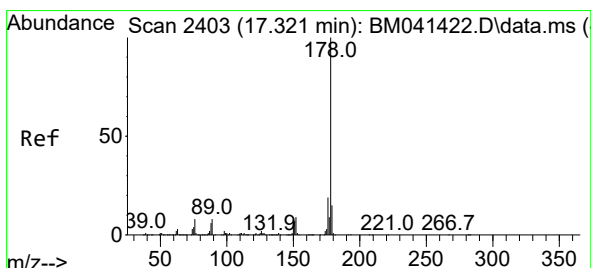
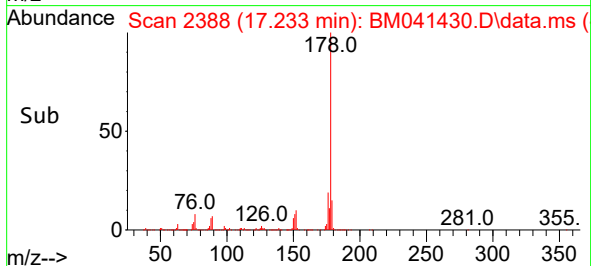
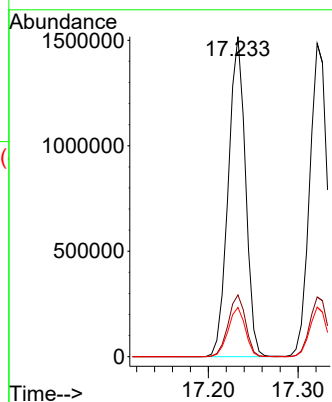
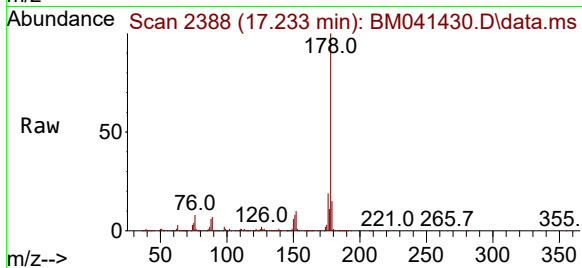
Tgt Ion:178 Resp: 2022156

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.723 ng

RT: 17.321 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

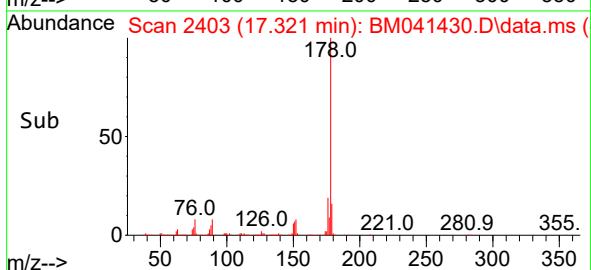
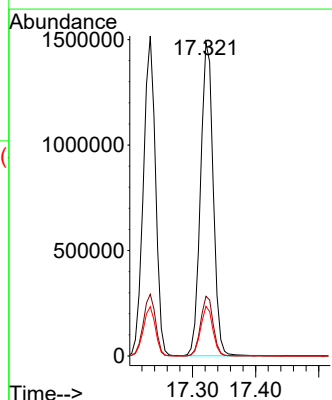
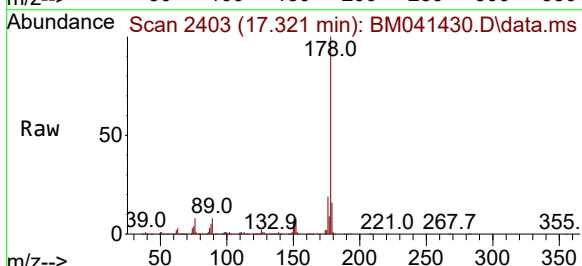
Tgt Ion:178 Resp: 2062585

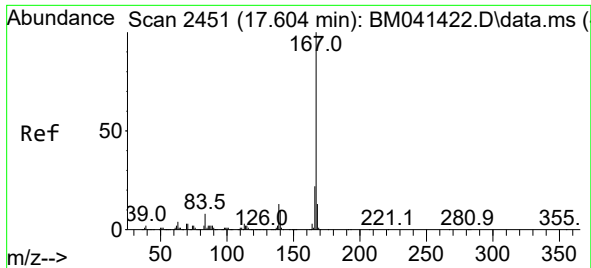
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.8 12.2 18.2

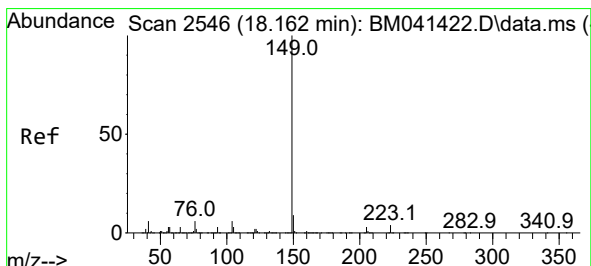
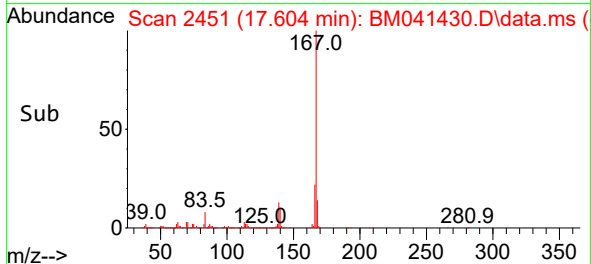
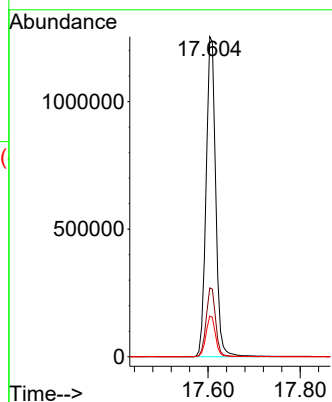
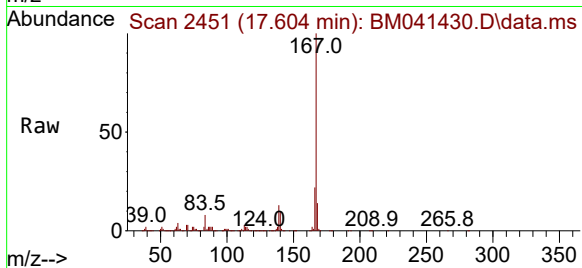




#73
 Carbazole
 Concen: 45.602 ng
 RT: 17.604 min Scan# 2451
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

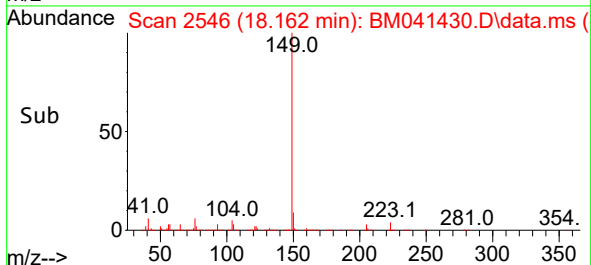
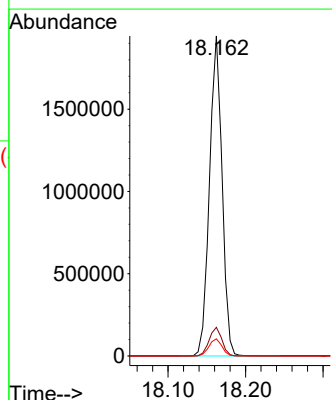
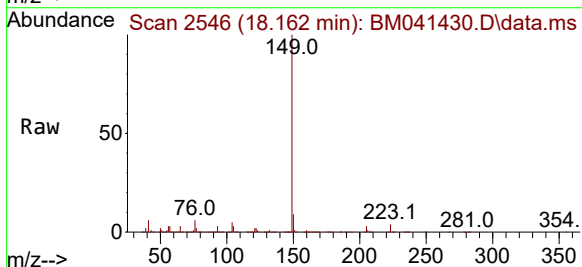
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BS

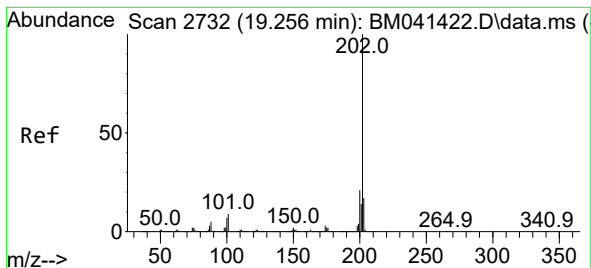
Tgt Ion:167 Resp: 1830355
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 43.523 ng
 RT: 18.162 min Scan# 2546
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

Tgt Ion:149 Resp: 2194616
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 43.938 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

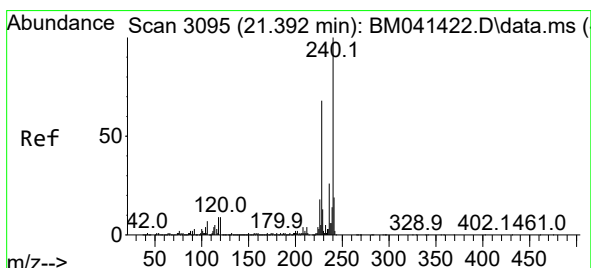
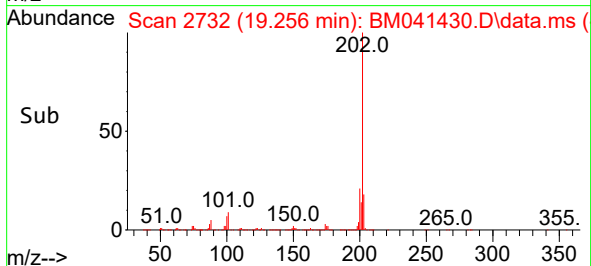
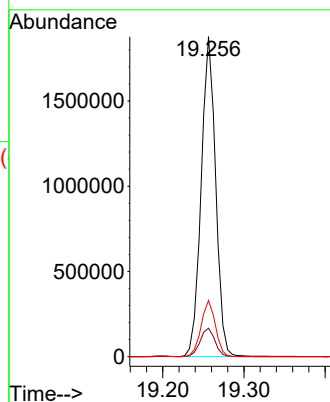
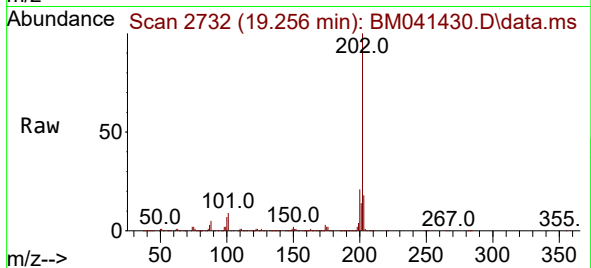
Tgt Ion:202 Resp: 2327101

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.1

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

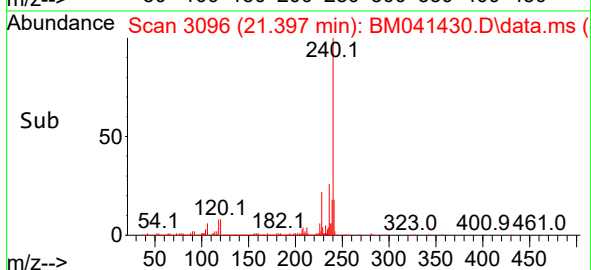
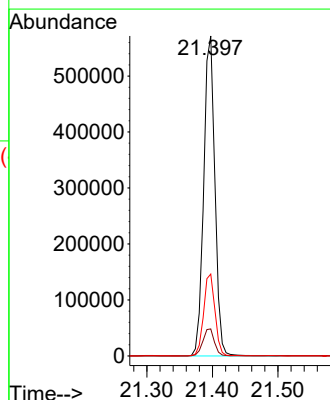
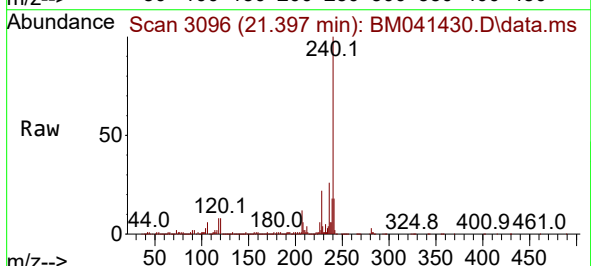
Tgt Ion:240 Resp: 680480

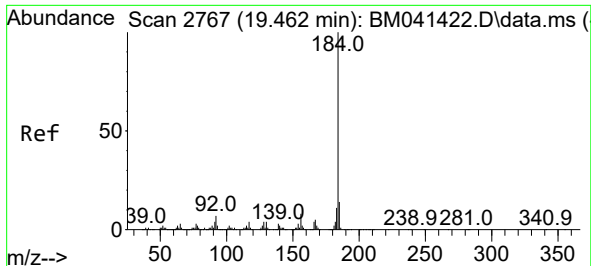
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.6 20.8 31.2

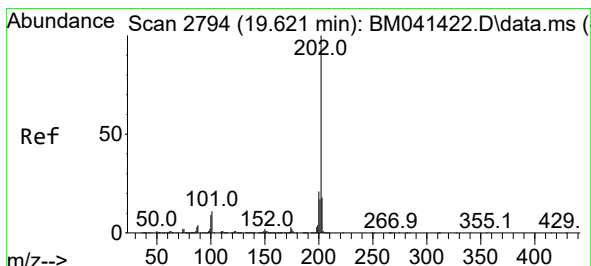
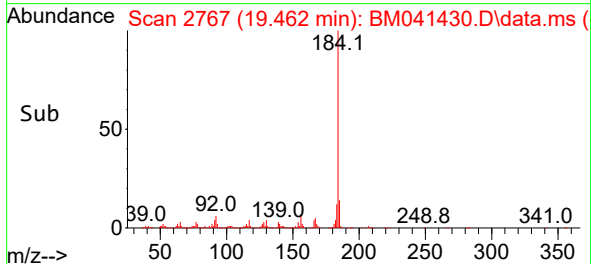
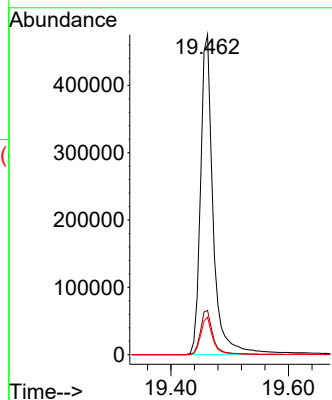
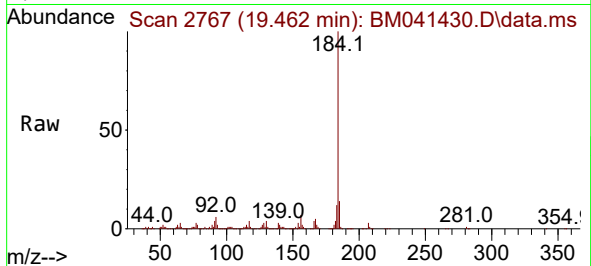




#77
Benzidine
Concen: 90.553 ng
RT: 19.462 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

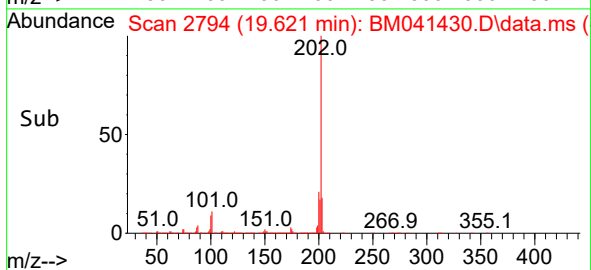
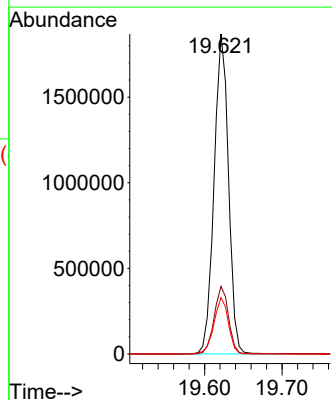
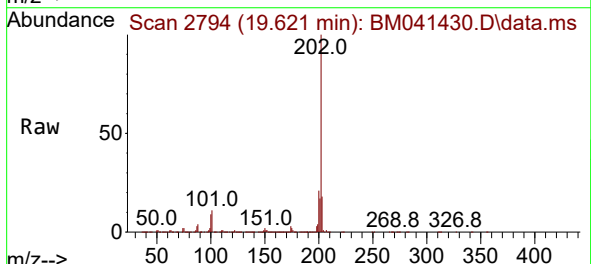
Instrument :
BNA_M
ClientSampleId :
PB154837BS

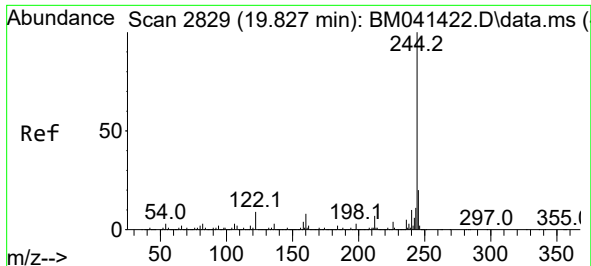
Tgt Ion:184 Resp: 706315
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.7 8.8 13.2



#78
Pyrene
Concen: 49.518 ng
RT: 19.621 min Scan# 2794
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:202 Resp: 2409871
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.1 21.1

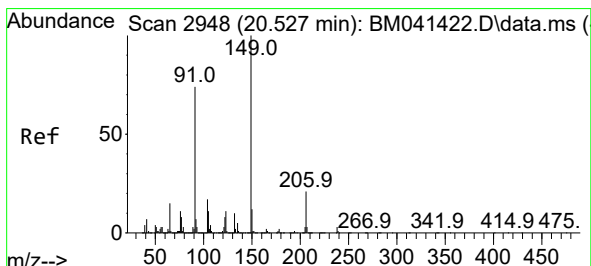
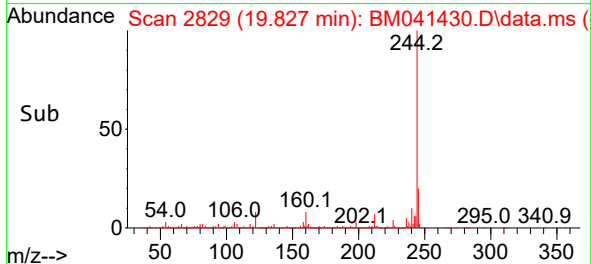
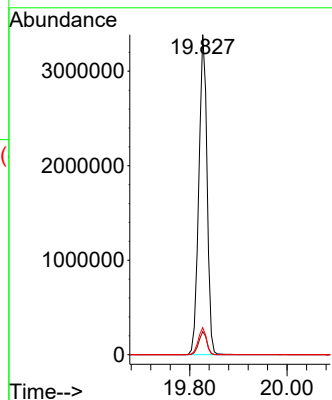
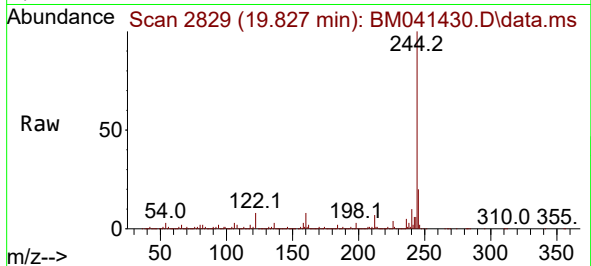




#79
 Terphenyl-d14
 Concen: 102.446 ng
 RT: 19.827 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

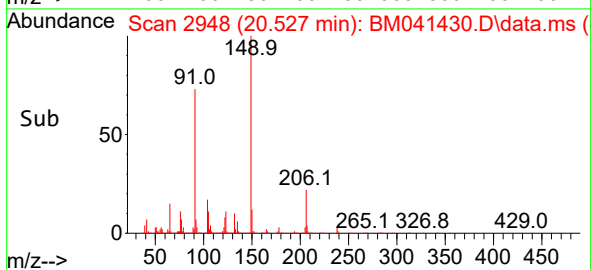
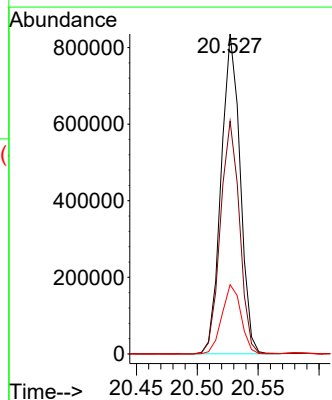
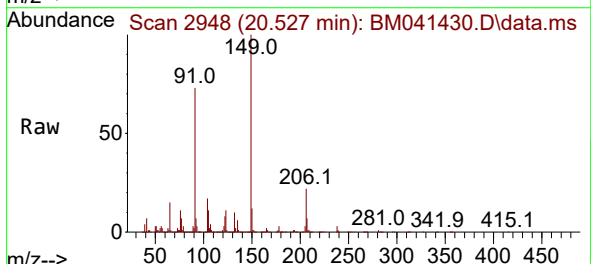
Instrument :
 BNA_M
 ClientSampleId :
 PB154837BS

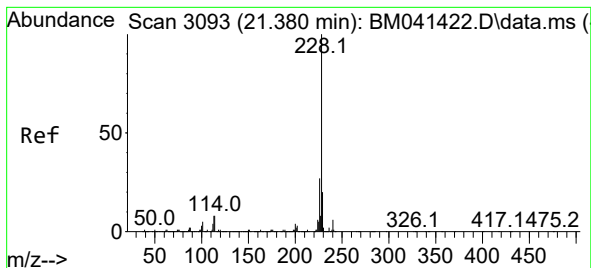
Tgt Ion:244 Resp: 4006065
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.4 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 46.616 ng
 RT: 20.527 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM041430.D
 Acq: 17 Aug 2023 10:30

Tgt Ion:149 Resp: 908647
 Ion Ratio Lower Upper
 149 100
 91 72.7 59.3 88.9
 206 21.7 17.0 25.6





#81

Benzo(a)anthracene

Concen: 46.635 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

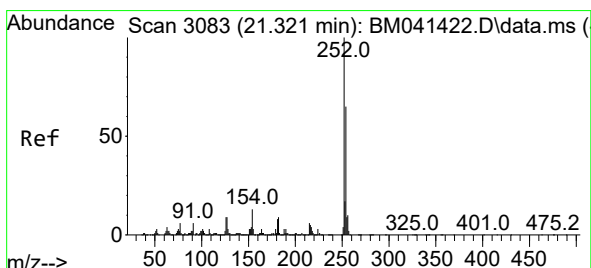
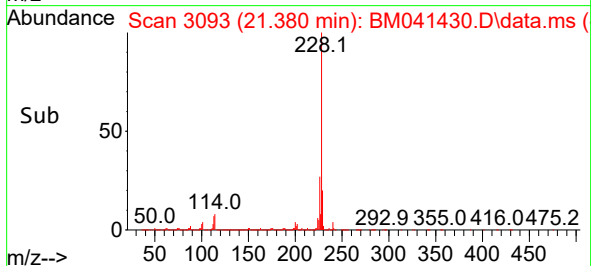
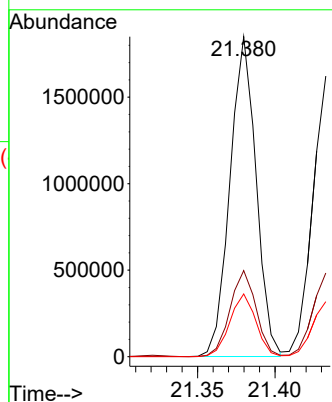
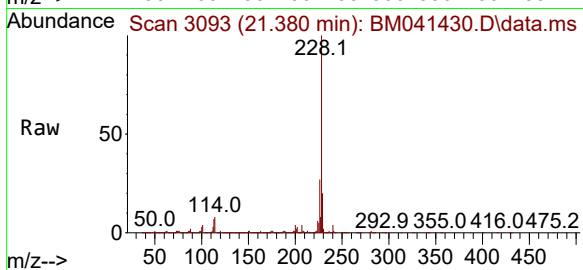
Tgt Ion:228 Resp: 2167109

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.065 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

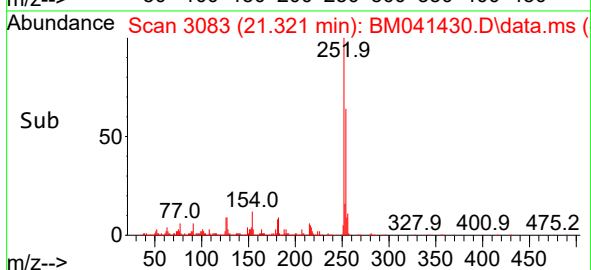
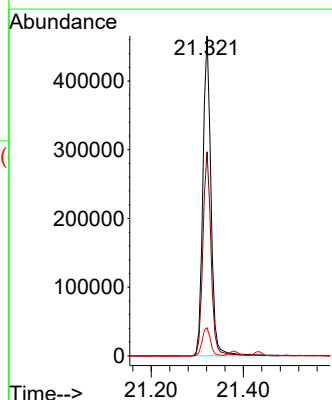
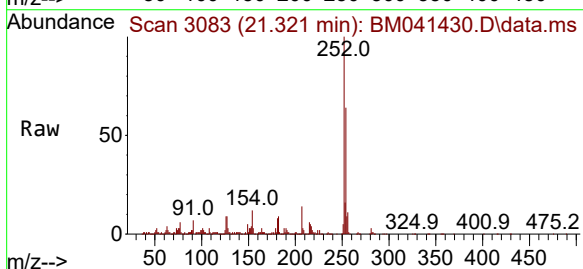
Tgt Ion:252 Resp: 572097

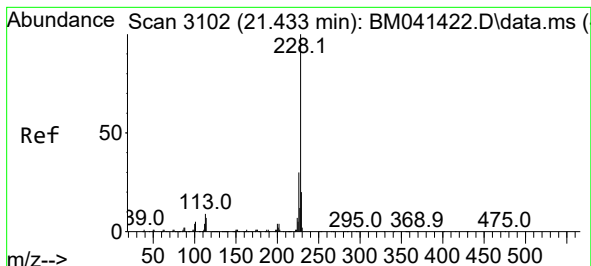
Ion Ratio Lower Upper

252 100

254 63.8 51.6 77.4

126 8.8 7.3 10.9





#83

Chrysene

Concen: 44.894 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

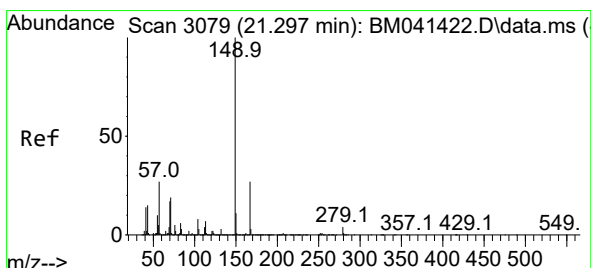
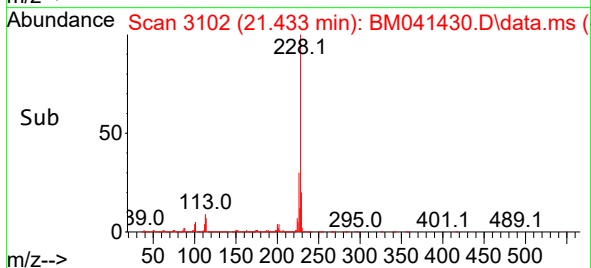
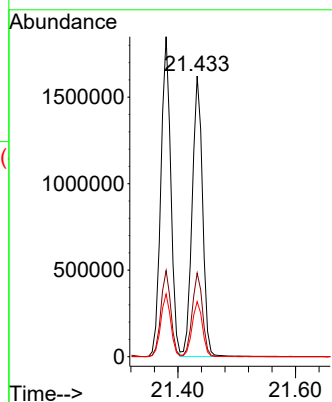
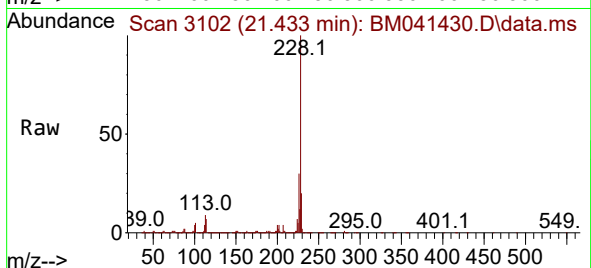
Tgt Ion:228 Resp: 1983024

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.687 ng

RT: 21.303 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

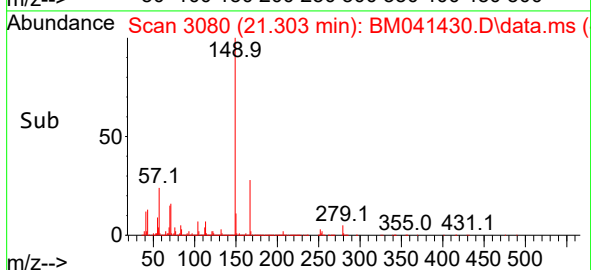
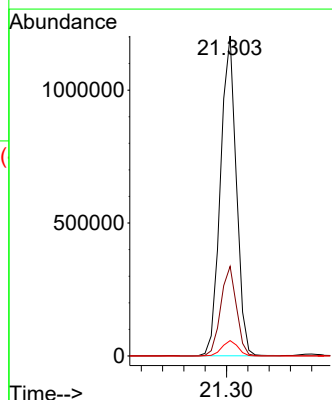
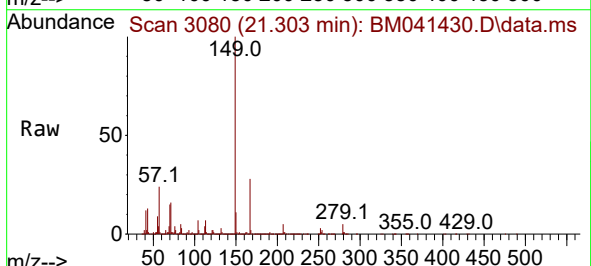
Tgt Ion:149 Resp: 1237485

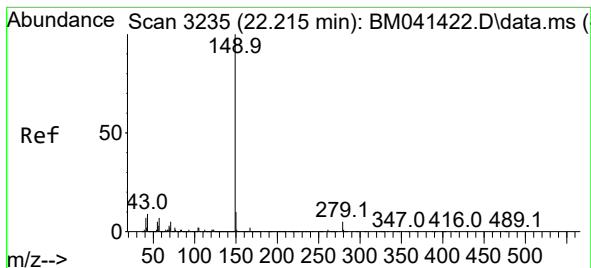
Ion Ratio Lower Upper

149 100

167 28.0 21.5 32.3

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 42.222 ng

RT: 22.215 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

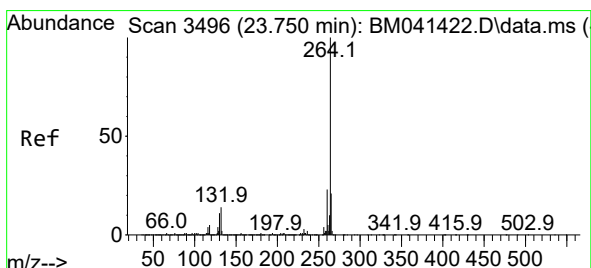
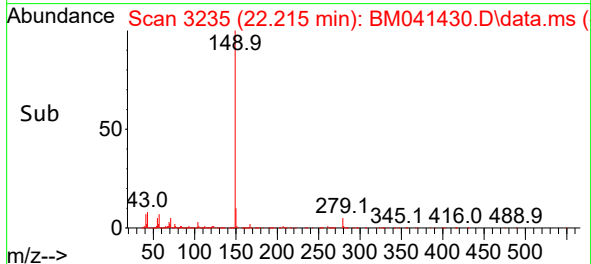
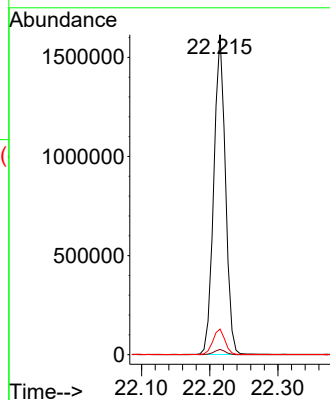
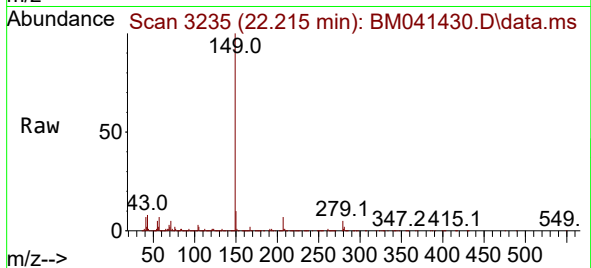
Tgt Ion:149 Resp: 1911807

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.750 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

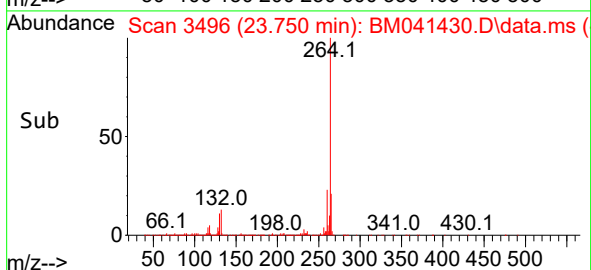
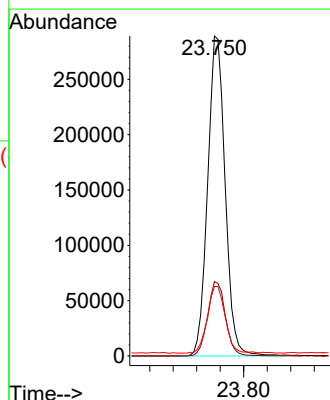
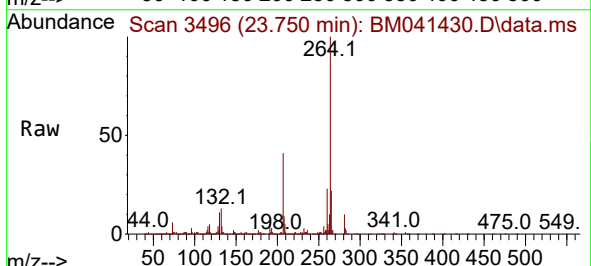
Tgt Ion:264 Resp: 596144

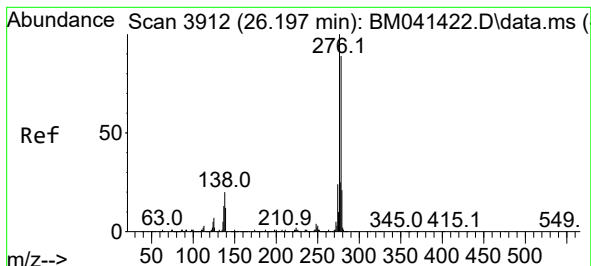
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.381 ng

RT: 26.191 min Scan# 3912

Delta R.T. -0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

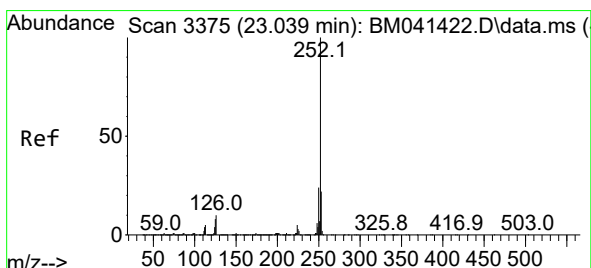
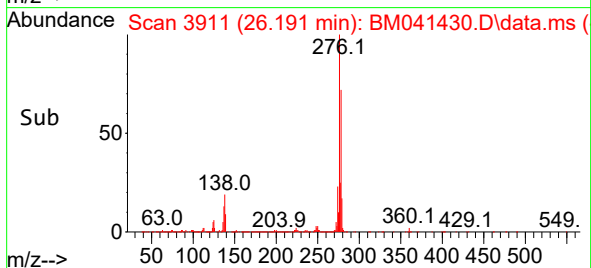
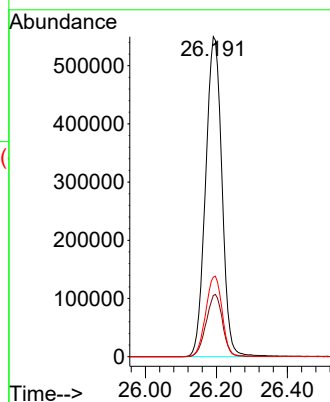
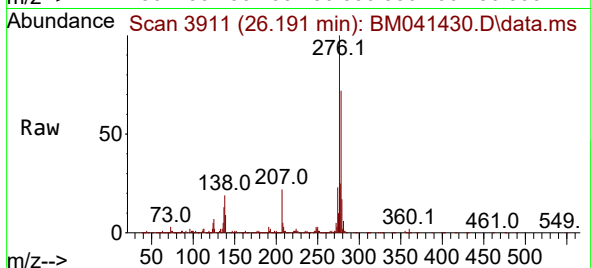
Tgt Ion:276 Resp: 1761425

Ion Ratio Lower Upper

276 100

138 19.5 16.6 25.0

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.392 ng

RT: 23.038 min Scan# 3375

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

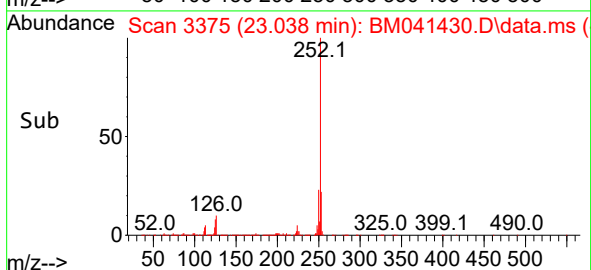
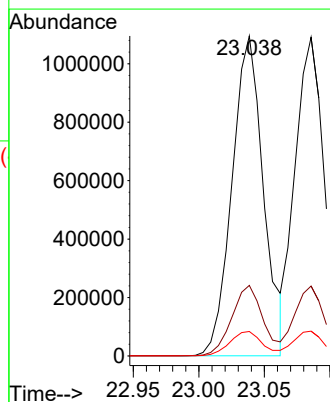
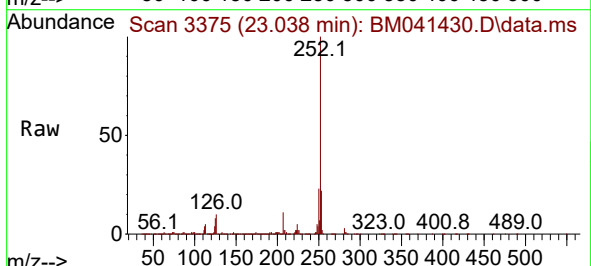
Tgt Ion:252 Resp: 1826014

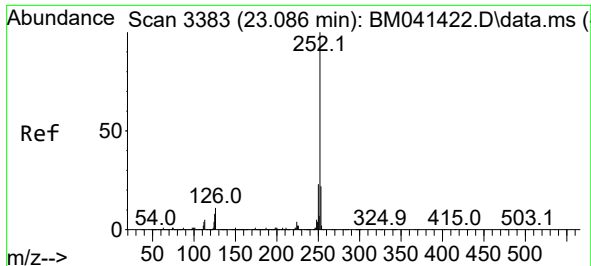
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.7 6.6 10.0

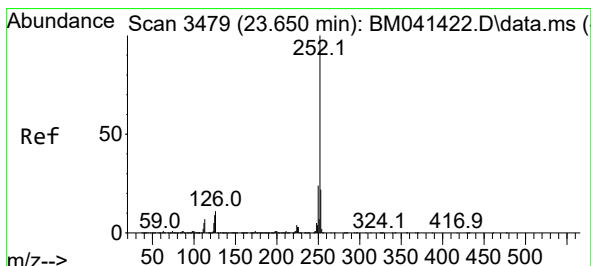
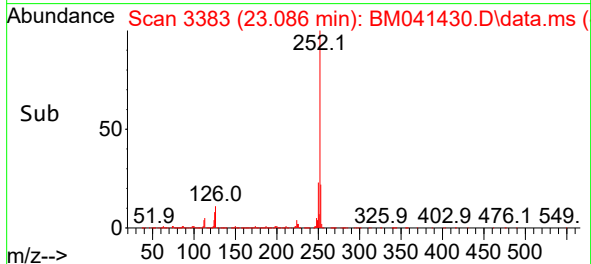
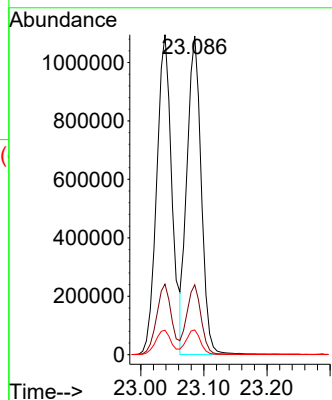
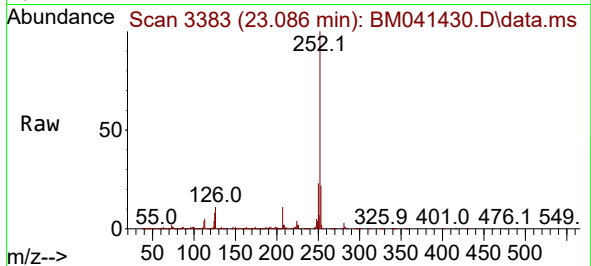




#89
Benzo(k)fluoranthene
Concen: 47.439 ng
RT: 23.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

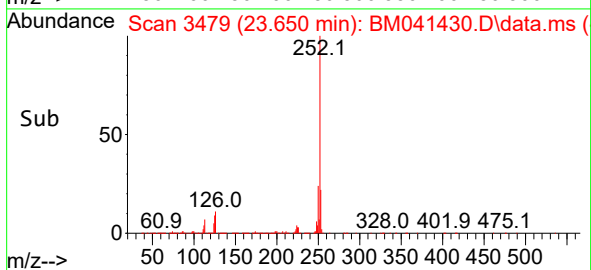
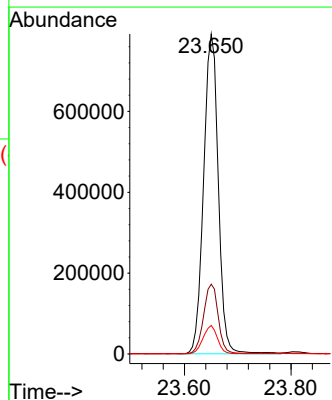
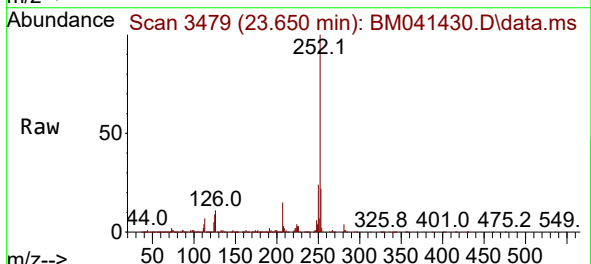
Instrument :
BNA_M
ClientSampleId :
PB154837BS

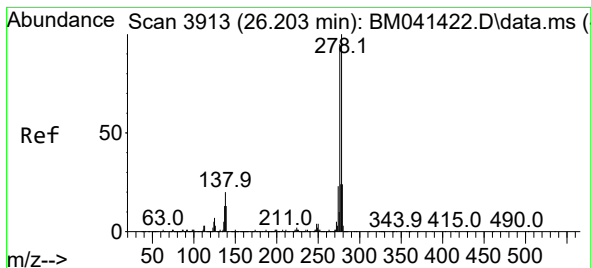
Tgt Ion:252 Resp: 1703420
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.8 6.5 9.7



#90
Benzo(a)pyrene
Concen: 44.567 ng
RT: 23.650 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM041430.D
Acq: 17 Aug 2023 10:30

Tgt Ion:252 Resp: 1507852
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.9 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 45.351 ng

RT: 26.209 min Scan# 3913

Delta R.T. 0.006 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Instrument :

BNA_M

ClientSampleId :

PB154837BS

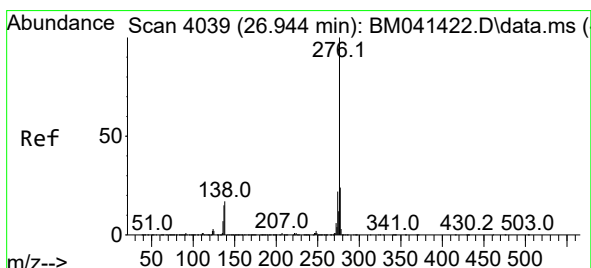
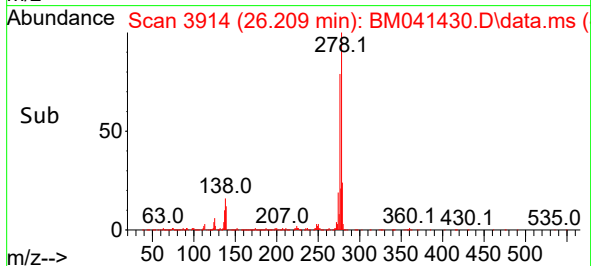
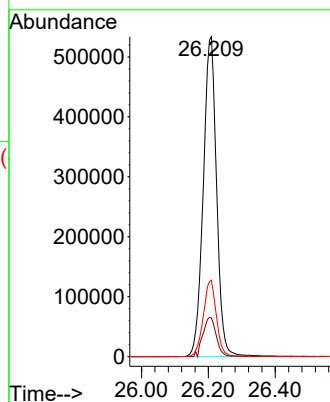
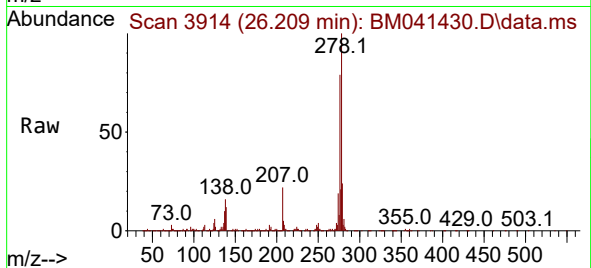
Tgt Ion:278 Resp: 1480406

Ion Ratio Lower Upper

278 100

139 12.1 10.6 16.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.045 ng

RT: 26.944 min Scan# 4039

Delta R.T. -0.000 min

Lab File: BM041430.D

Acq: 17 Aug 2023 10:30

Tgt Ion:276 Resp: 1421479

Ion Ratio Lower Upper

276 100

277 22.9 19.6 29.4

138 16.6 13.2 19.8

