

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044605.D
 Acq On : 13 Mar 2024 19:48
 Operator : MA/JU
 Sample : PB159537BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BS

Quant Time: Mar 14 02:38:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	219894	20.000	ng	0.00
21) Naphthalene-d8	10.480	136	845308	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	448734	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	794940	20.000	ng	0.00
76) Chrysene-d12	21.297	240	636947	20.000	ng	0.00
86) Perylene-d12	23.544	264	772733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1415334	92.413	ng	0.00
7) Phenol-d6	6.881	99	1723624	87.479	ng	0.00
23) Nitrobenzene-d5	8.863	82	1496681	85.299	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	439002	88.699	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2886622	88.594	ng	0.00
79) Terphenyl-d14	19.745	244	3343767	91.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	246482	38.289	ng	100
3) Pyridine	3.669	79	633435	35.582	ng	99
4) n-Nitrosodimethylamine	3.593	42	316089	44.306	ng	98
6) Aniline	7.045	93	587079	25.158	ng	99
8) 2-Chlorophenol	7.269	128	744838	48.827	ng	98
9) Benzaldehyde	6.863	77	191805	18.587	ng	98
10) Phenol	6.904	94	942874	47.916	ng	99
11) bis(2-Chloroethyl)ether	7.145	93	745648	46.410	ng	99
12) 1,3-Dichlorobenzene	7.587	146	793048	48.349	ng	99
13) 1,4-Dichlorobenzene	7.739	146	805147	48.704	ng	99
14) 1,2-Dichlorobenzene	8.045	146	766963	48.649	ng	98
15) Benzyl Alcohol	7.951	79	591841	45.689	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	1041289	46.746	ng	98
17) 2-Methylphenol	8.145	107	588434	43.847	ng	99
18) Hexachloroethane	8.763	117	301256	49.293	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	539866	44.866	ng	98
20) 3+4-Methylphenols	8.469	107	797359	44.028	ng	96
22) Acetophenone	8.528	105	1050090	47.285	ng	# 100
24) Nitrobenzene	8.904	77	785563	45.291	ng	100
25) Isophorone	9.428	82	1407730	46.499	ng	99
26) 2-Nitrophenol	9.610	139	367539	49.107	ng	97
27) 2,4-Dimethylphenol	9.669	122	501530	38.104	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	922734	45.898	ng	100
29) 2,4-Dichlorophenol	10.133	162	613984	48.945	ng	99
30) 1,2,4-Trichlorobenzene	10.345	180	642914	48.176	ng	99
31) Naphthalene	10.533	128	2145515	46.248	ng	100
32) Benzoic acid	9.810	122	449738	43.206	ng	99
33) 4-Chloroaniline	10.657	127	292963	15.053	ng	97
34) Hexachlorobutadiene	10.804	225	361614	48.599	ng	99
35) Caprolactam	11.445	113	94679	23.398	ng	96
36) 4-Chloro-3-methylphenol	11.780	107	626143	45.487	ng	99
37) 2-Methylnaphthalene	12.151	142	1387737	44.073	ng	99
38) 1-Methylnaphthalene	12.374	142	1281550	43.671	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	625898	49.151	ng	99
41) Hexachlorocyclopentadiene	12.486	237	830790	114.521	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	427195	49.682	ng	98

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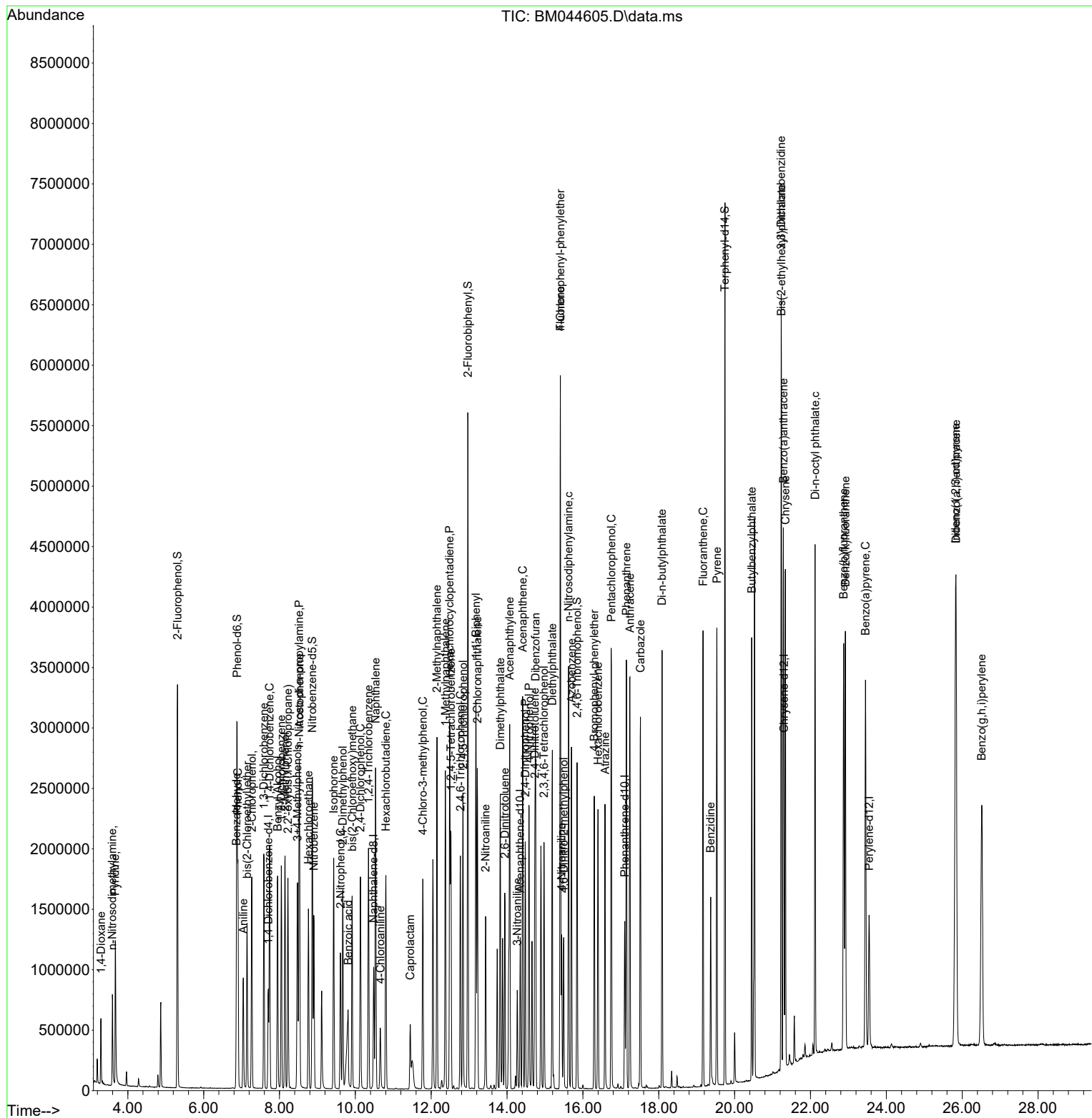
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	460043	45.153	ng	99
46) 1,1'-Biphenyl	13.180	154	1699789	48.432	ng	100
47) 2-Chloronaphthalene	13.216	162	1283781	49.466	ng	99
48) 2-Nitroaniline	13.433	65	400998	45.538	ng	99
49) Acenaphthylene	14.068	152	2093045	49.508	ng	100
50) Dimethylphthalate	13.821	163	1506308	44.878	ng	100
51) 2,6-Dinitrotoluene	13.945	165	320066	45.793	ng	93
52) Acenaphthene	14.410	154	1170975	45.818	ng	99
53) 3-Nitroaniline	14.268	138	203023	24.806	ng	97
54) 2,4-Dinitrophenol	14.480	184	399790	87.007	ng	96
55) Dibenzofuran	14.751	168	1831156	45.145	ng	100
56) 4-Nitrophenol	14.580	139	618354	91.993	ng	94
57) 2,4-Dinitrotoluene	14.733	165	430097	47.094	ng	99
58) Fluorene	15.404	166	1422497	45.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	362940	45.882	ng	99
60) Diethylphthalate	15.192	149	1509705	44.433	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	687974	45.370	ng	99
62) 4-Nitroaniline	15.439	138	340169	41.608	ng	97
63) Azobenzene	15.698	77	1616131	46.015	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	241326	48.407	ng	97
66) n-Nitrosodiphenylamine	15.621	169	1213155	48.967	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	401626	48.845	ng	97
68) Hexachlorobenzene	16.398	284	455916	52.161	ng	95
69) Atrazine	16.586	200	379025	48.959	ng	99
70) Pentachlorophenol	16.751	266	615616	97.916	ng	98
71) Phenanthrene	17.145	178	2088651	47.545	ng	100
72) Anthracene	17.239	178	2109480	47.878	ng	100
73) Carbazole	17.515	167	1968818	47.445	ng	100
74) Di-n-butylphthalate	18.086	149	2498122	46.720	ng	99
75) Fluoranthene	19.168	202	2189095	44.578	ng	98
77) Benzidine	19.368	184	881203	53.529	ng	99
78) Pyrene	19.533	202	2298414	49.234	ng	99
80) Butylbenzylphthalate	20.450	149	1032187	49.060	ng	98
81) Benzo(a)anthracene	21.286	228	2128039	48.017	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	590176	38.665	ng	100
83) Chrysene	21.339	228	2024819	47.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1558232	49.161	ng	99
85) Di-n-octyl phthalate	22.121	149	2676176	48.675	ng	99
87) Indeno(1,2,3-cd)pyrene	25.827	276	3078434	55.108	ng	99
88) Benzo(b)fluoranthene	22.874	252	2263499	49.844	ng	99
89) Benzo(k)fluoranthene	22.921	252	2156493	46.193	ng	99
90) Benzo(a)pyrene	23.450	252	2137733	48.264	ng	100
91) Dibenzo(a,h)anthracene	25.838	278	2517833	53.464	ng	100
92) Benzo(g,h,i)perylene	26.515	276	2437288	52.575	ng	100

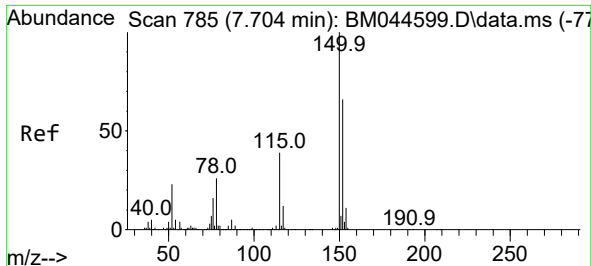
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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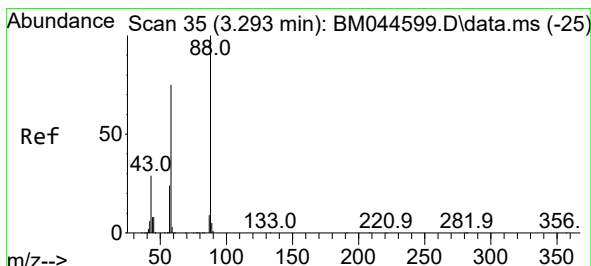
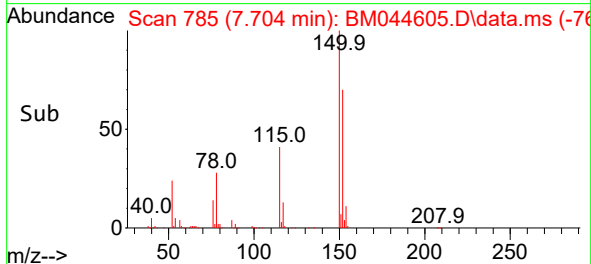
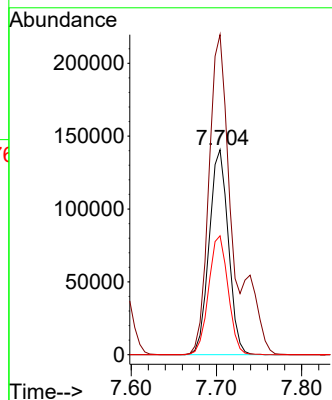
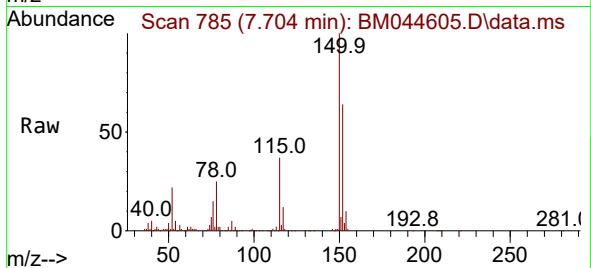




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM044605.D
 Acq: 13 Mar 2024 19:48

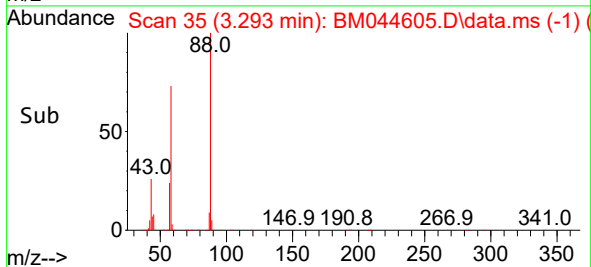
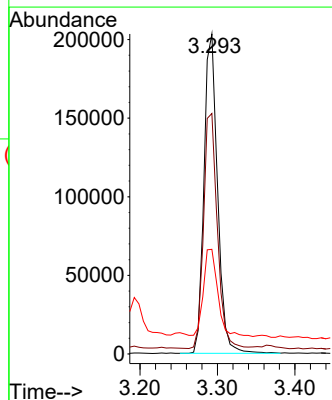
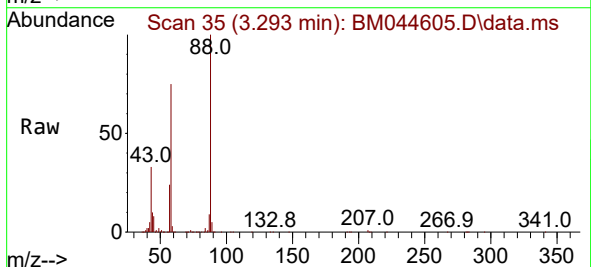
Instrument :
 BNA_M
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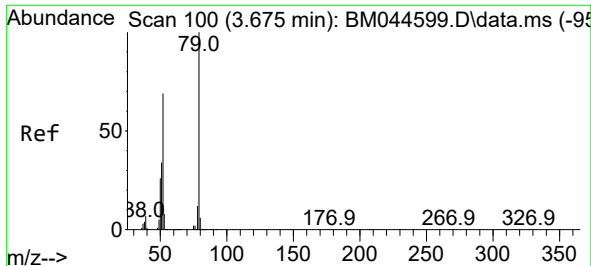
Tgt Ion:152 Resp: 219894
 Ion Ratio Lower Upper
 152 100
 150 156.1 121.9 182.9
 115 58.0 47.1 70.7



#2
 1,4-Dioxane
 Concen: 38.289 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BM044605.D
 Acq: 13 Mar 2024 19:48

Tgt Ion: 88 Resp: 246482
 Ion Ratio Lower Upper
 88 100
 58 74.9 60.2 90.2
 43 28.9 23.5 35.3

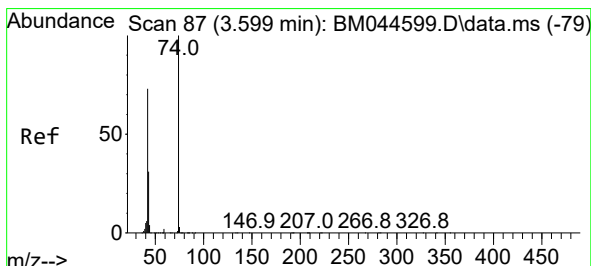
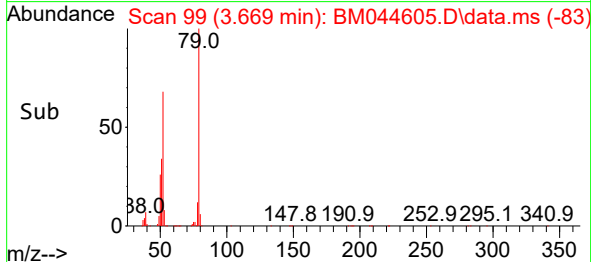
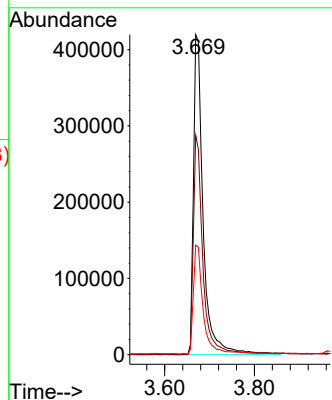
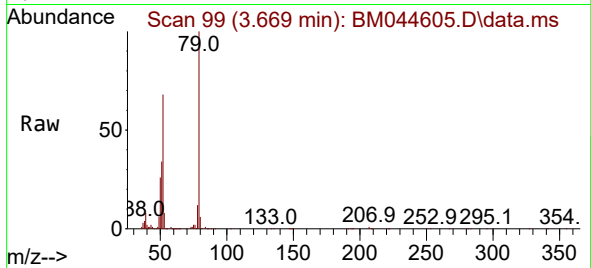




#3
 Pyridine
 Concen: 35.582 ng
 RT: 3.669 min Scan# 99
 Delta R.T. -0.006 min
 Lab File: BM044605.D
 Acq: 13 Mar 2024 19:48

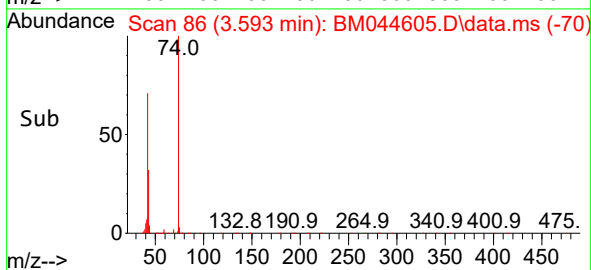
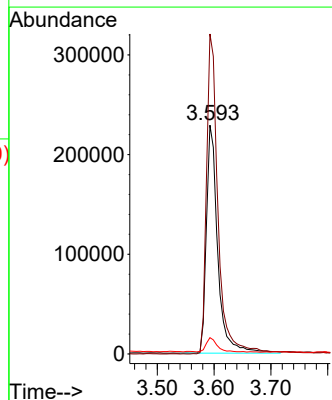
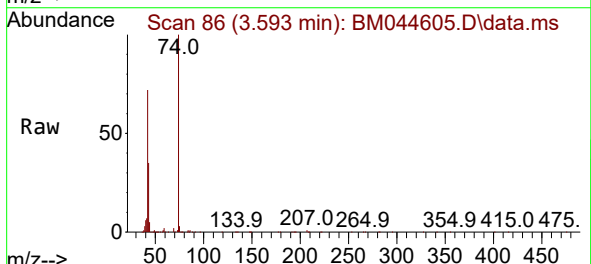
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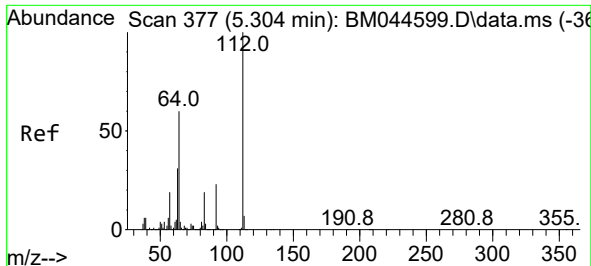
Tgt Ion: 79 Resp: 633435
 Ion Ratio Lower Upper
 79 100
 52 68.5 55.5 83.3
 51 34.2 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 44.306 ng
 RT: 3.593 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: BM044605.D
 Acq: 13 Mar 2024 19:48

Tgt Ion: 42 Resp: 316089
 Ion Ratio Lower Upper
 42 100
 74 139.8 109.7 164.5
 44 7.1 5.4 8.0

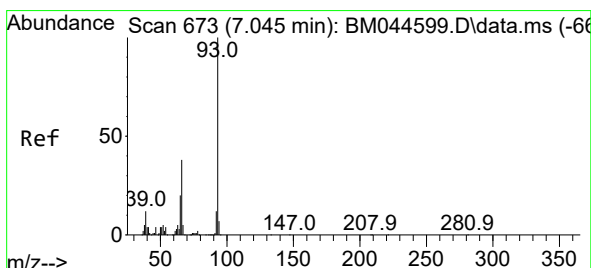
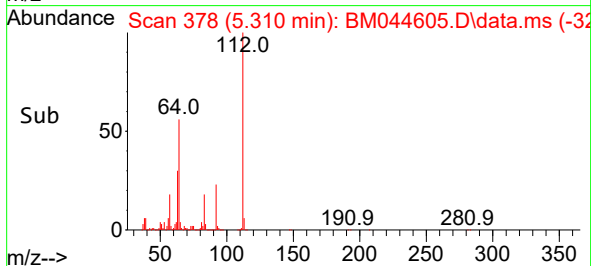
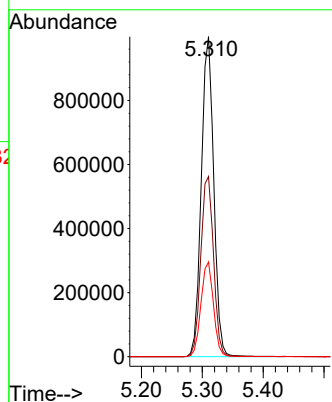
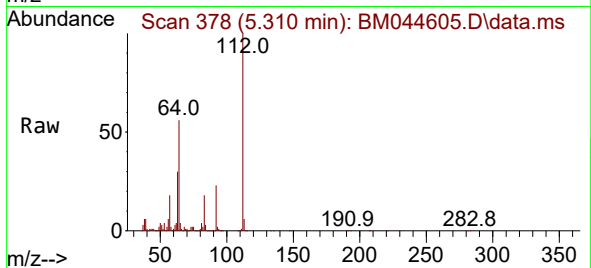




#5
2-Fluorophenol
Concen: 92.413 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

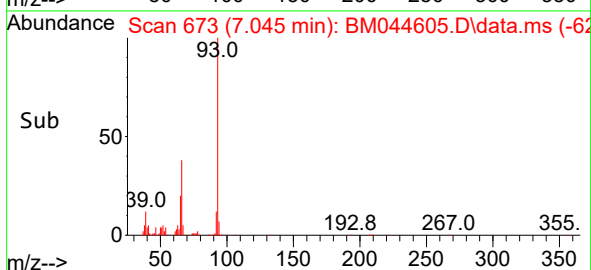
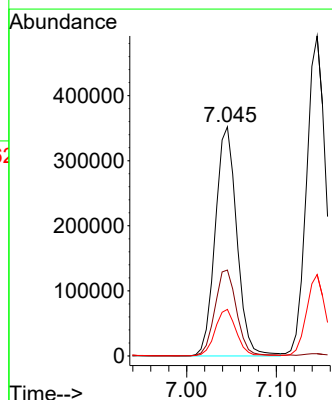
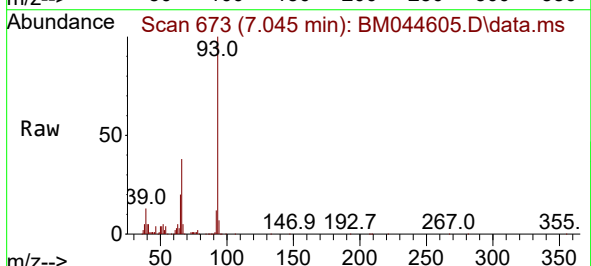
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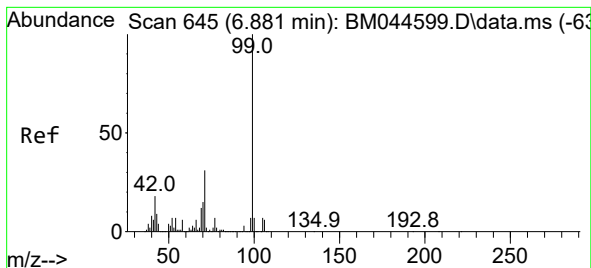
Tgt Ion:112 Resp: 1415334
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 29.6 25.0 37.4



#6
Aniline
Concen: 25.158 ng
RT: 7.045 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion: 93 Resp: 587079
Ion Ratio Lower Upper
93 100
66 37.5 30.3 45.5
65 20.3 15.7 23.5





#7

Phenol-d6

Concen: 87.479 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

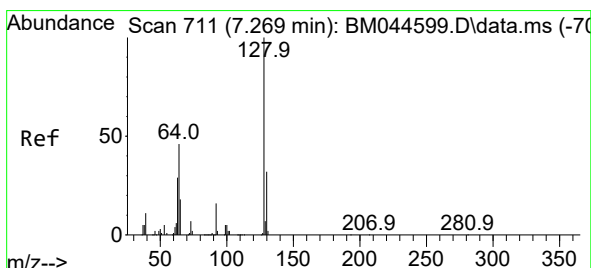
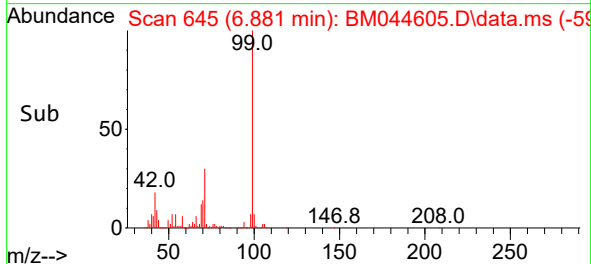
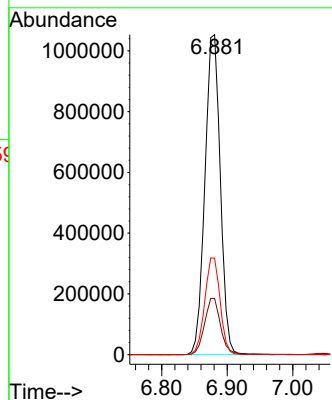
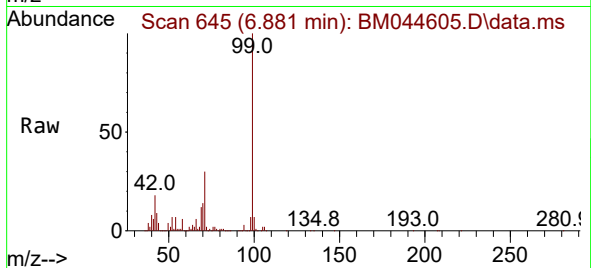
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 1723624

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.3	21.5
71	30.1	24.5	36.7



#8

2-Chlorophenol

Concen: 48.827 ng

RT: 7.269 min Scan# 711

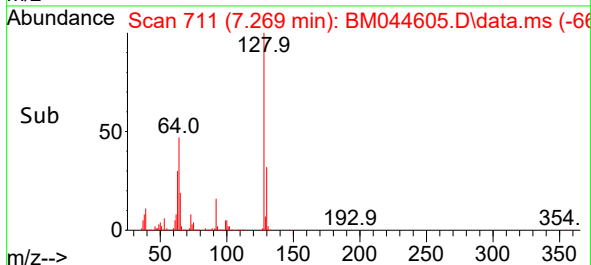
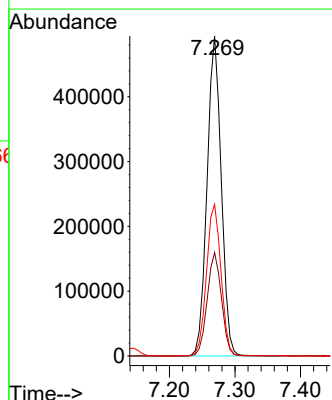
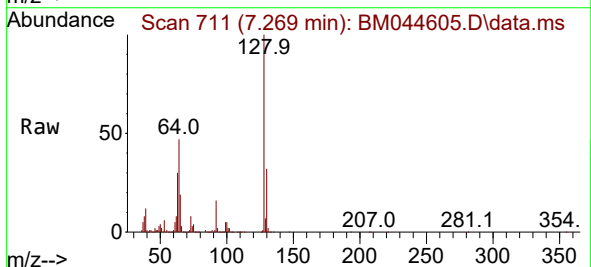
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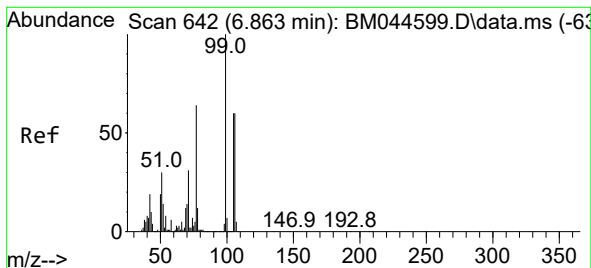
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Tgt Ion: 128 Resp: 744838

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	47.4	29.4	69.4





#9

Benzaldehyde

Concen: 18.587 ng

RT: 6.863 min Scan# 642

Delta R.T. 0.000 min

Lab File: BM044605.D

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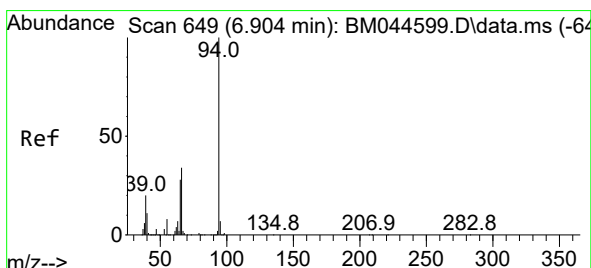
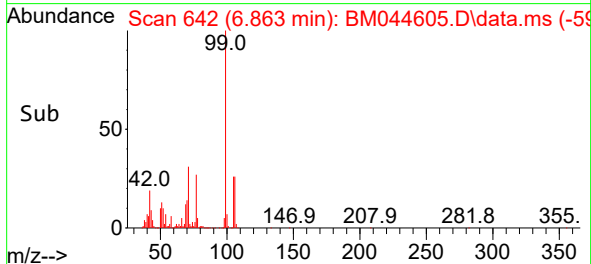
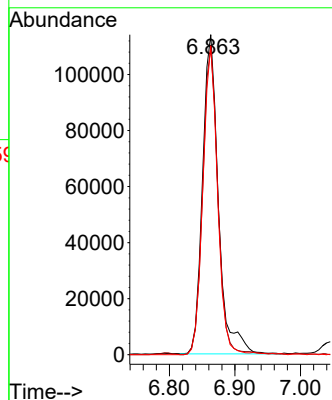
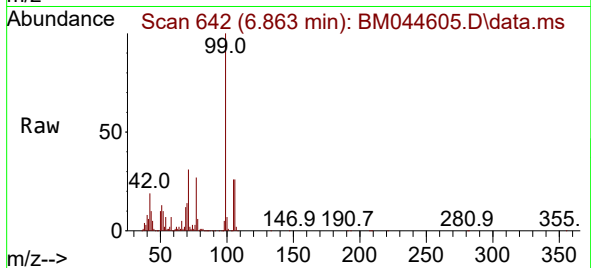
Tgt Ion: 77 Resp: 191805

Ion Ratio Lower Upper

77 100

105 96.2 74.4 114.4

106 96.5 74.1 114.1



#10

Phenol

Concen: 47.916 ng

RT: 6.904 min Scan# 649

Delta R.T. 0.000 min

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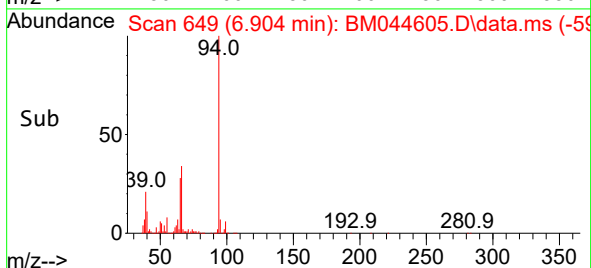
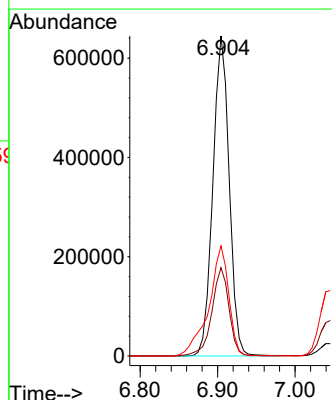
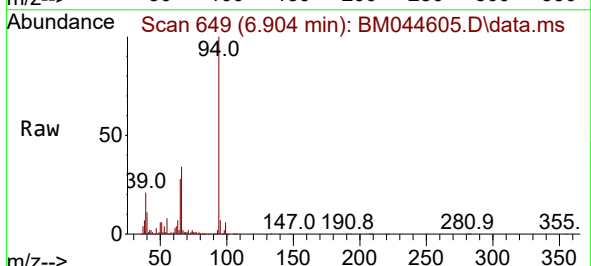
Tgt Ion: 94 Resp: 942874

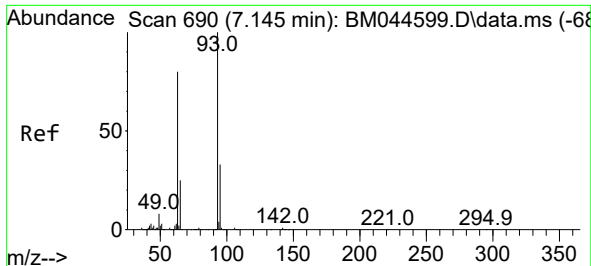
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 34.4 14.7 54.7

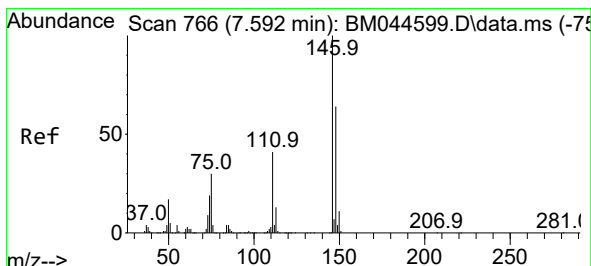
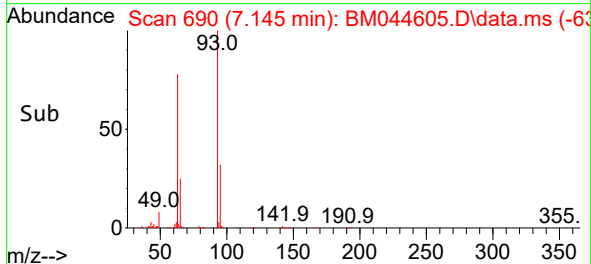
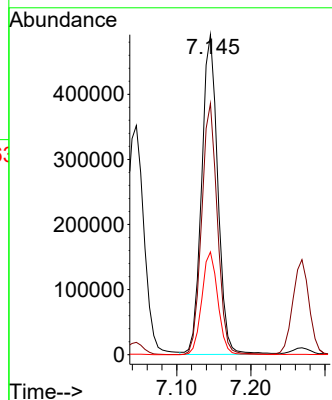
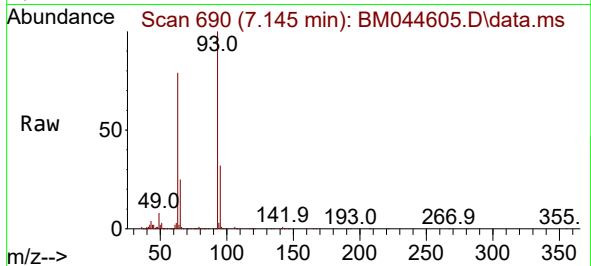




#11
bis(2-Chloroethyl)ether
Concen: 46.410 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

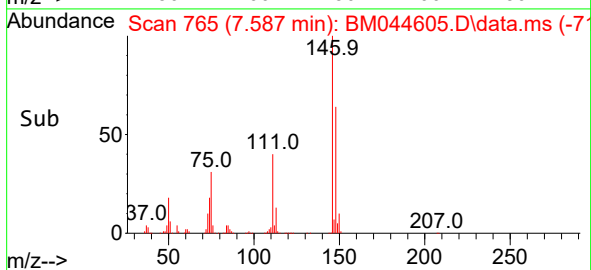
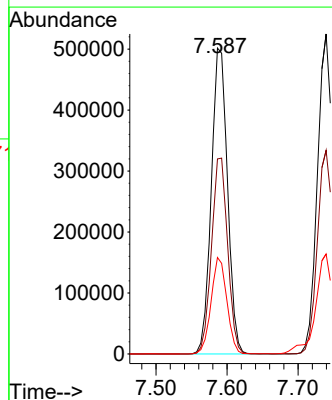
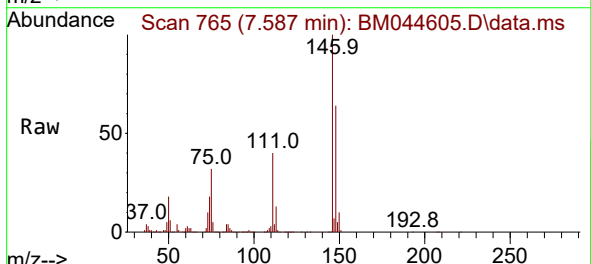
Instrument :
BNA_M
ClientSampleId :
PB159537BS

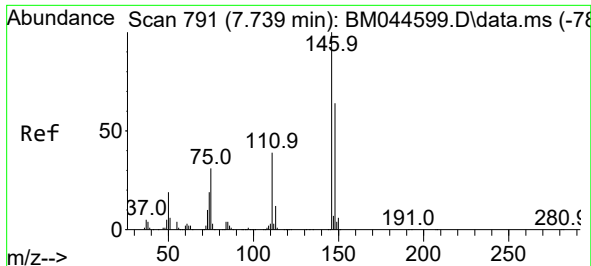
Tgt Ion: 93 Resp: 745648
Ion Ratio Lower Upper
93 100
63 78.5 59.8 99.8
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.349 ng
RT: 7.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion: 146 Resp: 793048
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 31.5 24.1 36.1

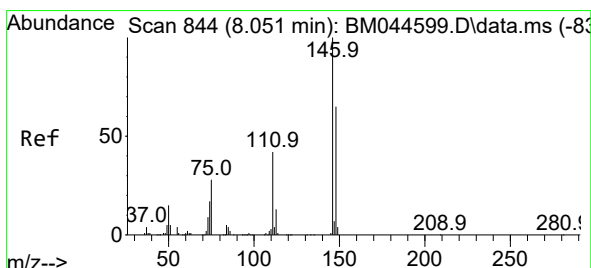
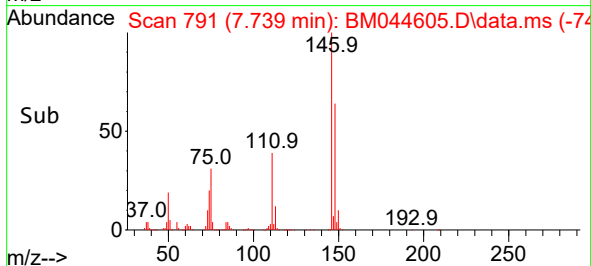
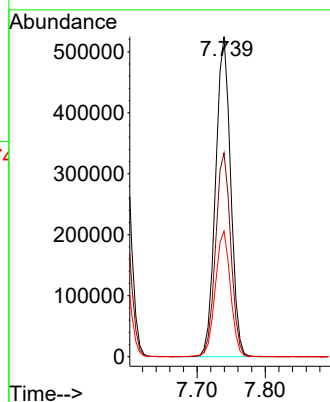
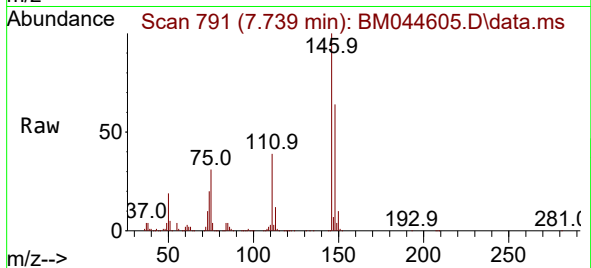




#13
1,4-Dichlorobenzene
Concen: 48.704 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

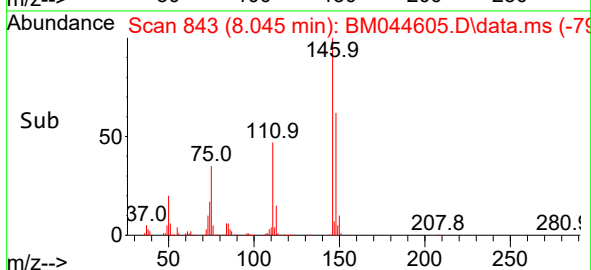
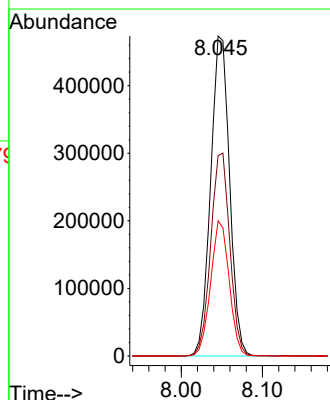
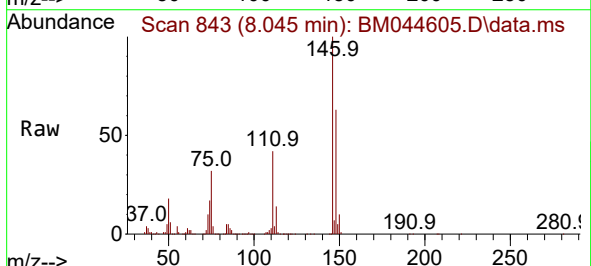
Instrument :
BNA_M
ClientSampleId :
PB159537BS

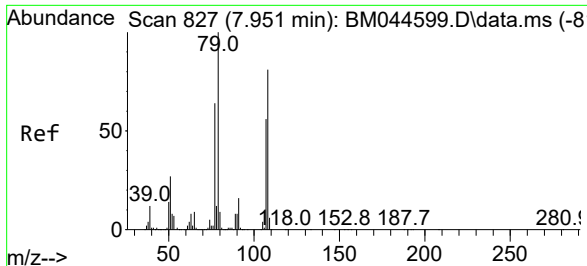
Tgt Ion:146 Resp: 805147
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
111 39.2 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 48.649 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:146 Resp: 766963
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
111 42.3 33.4 50.2

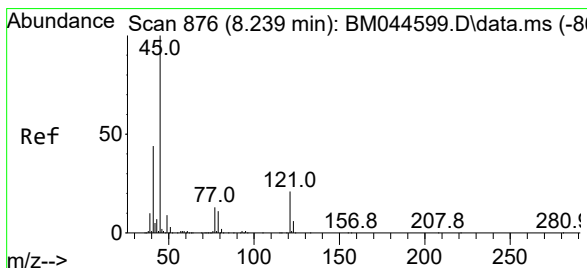
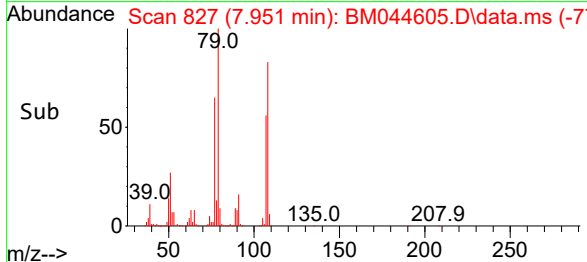
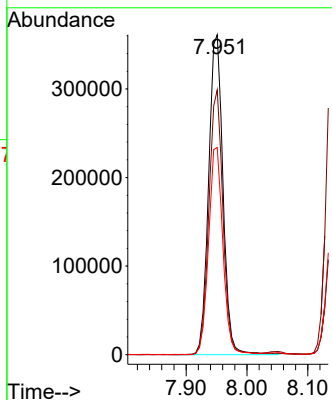
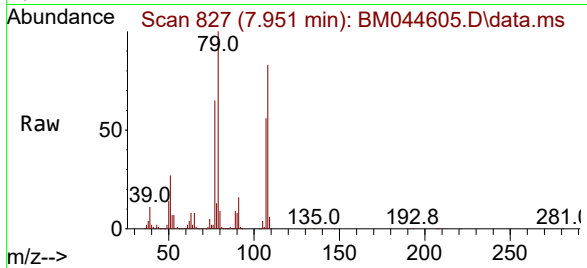




#15
Benzyl Alcohol
Concen: 45.689 ng
RT: 7.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

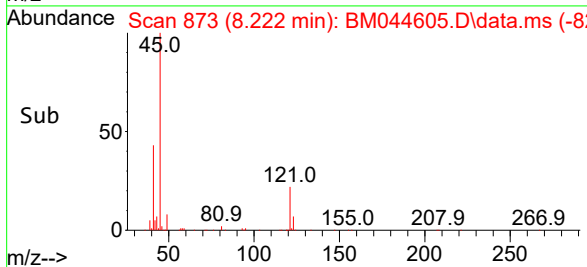
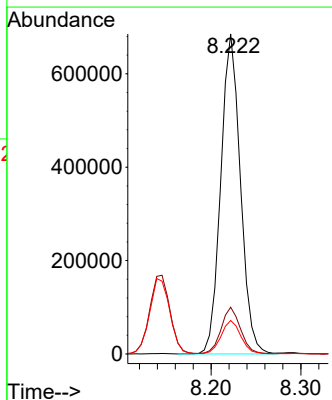
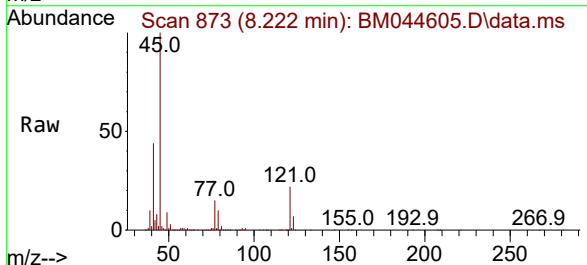
Instrument :
BNA_M
ClientSampleId :
PB159537BS

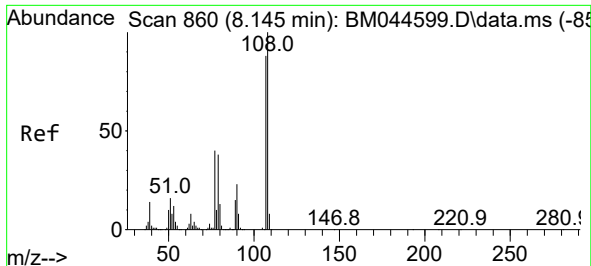
Tgt Ion: 79 Resp: 591841
Ion Ratio Lower Upper
79 100
108 82.8 65.0 97.6
77 64.7 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.746 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion: 45 Resp: 1041289
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.7
79 10.4 0.0 31.2

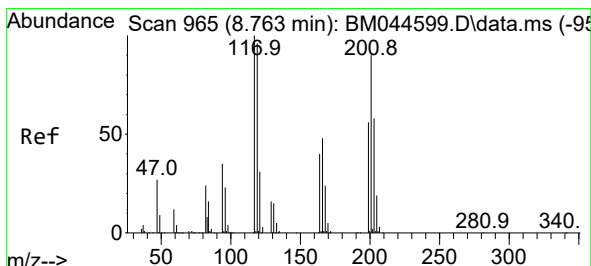
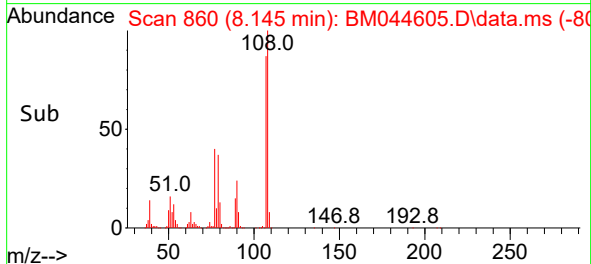
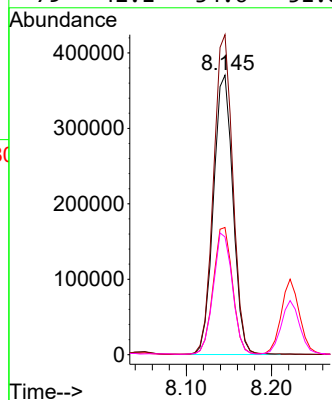
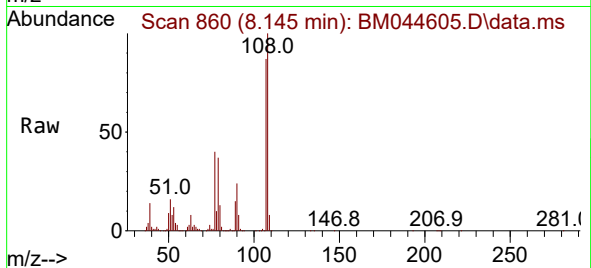




#17
2-Methylphenol
Concen: 43.847 ng
RT: 8.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

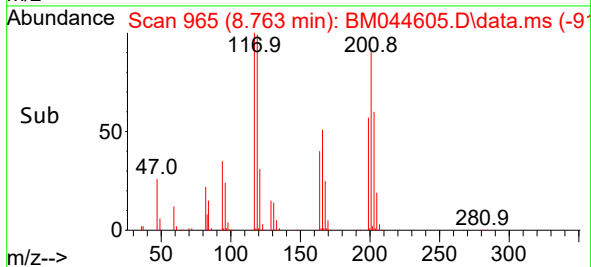
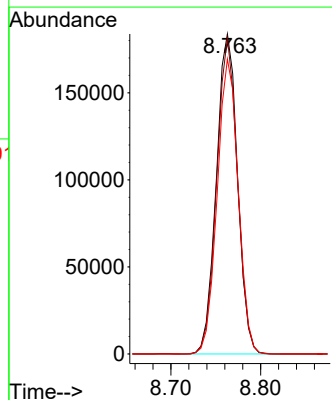
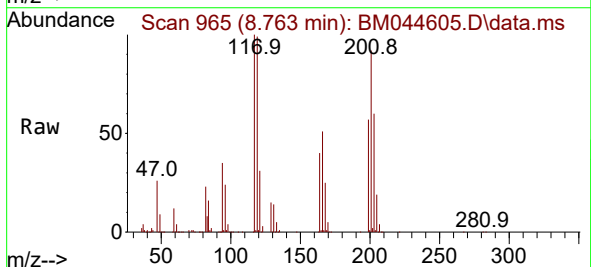
Instrument :
BNA_M
ClientSampleId :
PB159537BS

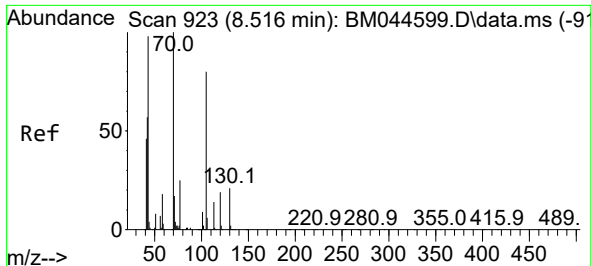
Tgt Ion:107 Resp: 588434
Ion Ratio Lower Upper
107 100
108 114.5 90.7 136.1
77 45.5 36.2 54.2
79 42.1 34.6 51.8



#18
Hexachloroethane
Concen: 49.293 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:117 Resp: 301256
Ion Ratio Lower Upper
117 100
119 98.8 76.8 115.2
201 92.1 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.866 ng

RT: 8.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

Tgt Ion: 70 Resp: 539866

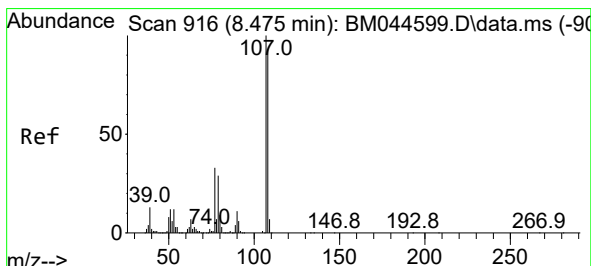
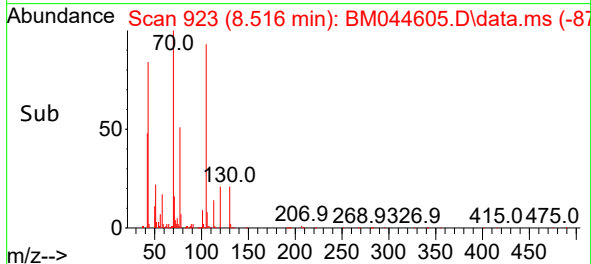
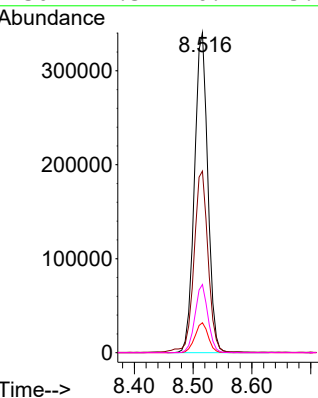
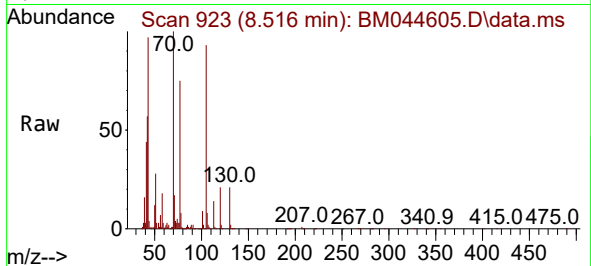
Ion Ratio Lower Upper

70 100

42 56.7 46.6 69.8

101 9.4 7.6 11.4

130 21.3 16.7 25.1



#20

3+4-Methylphenols

Concen: 44.028 ng

RT: 8.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Tgt Ion: 107 Resp: 797359

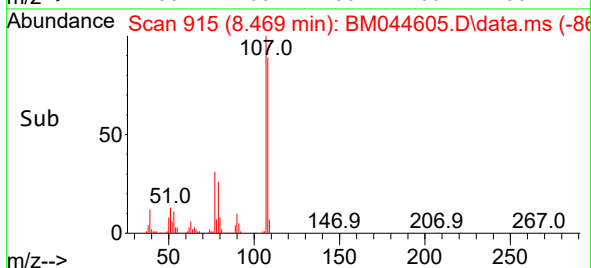
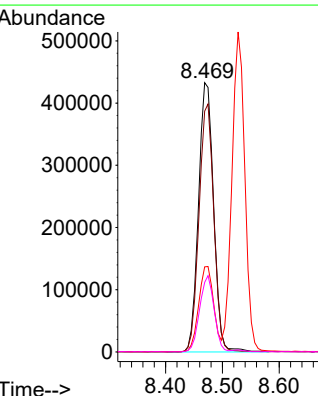
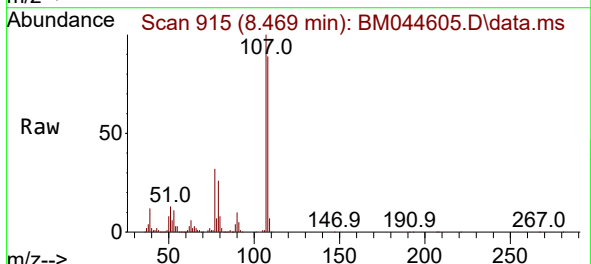
Ion Ratio Lower Upper

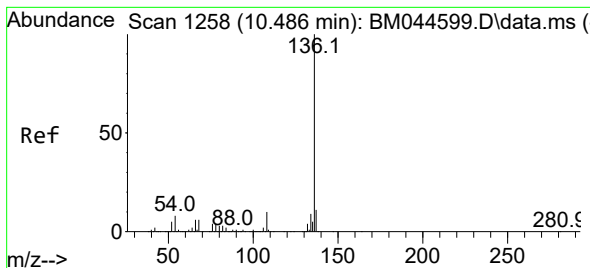
107 100

108 89.4 72.7 112.7

77 31.6 13.3 53.3

79 25.9 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.480 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

Tgt Ion:136 Resp: 845308

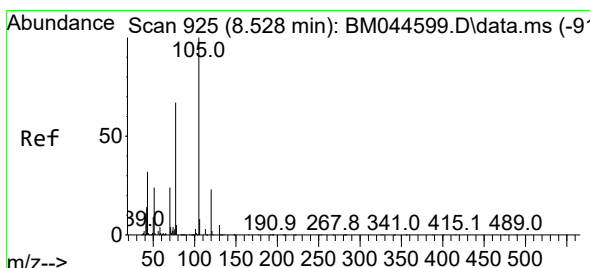
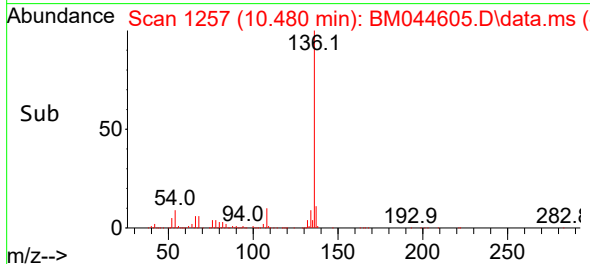
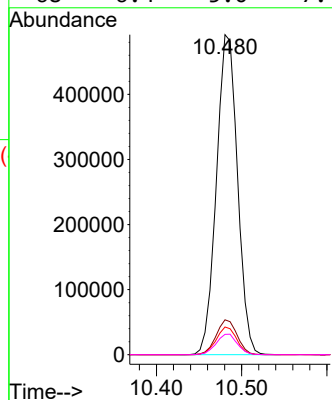
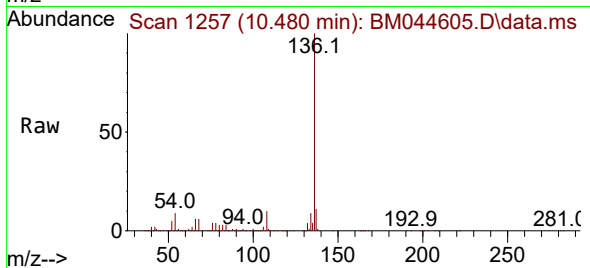
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.6 6.6 10.0

68 6.4 5.0 7.4



#22

Acetophenone

Concen: 47.285 ng

RT: 8.528 min Scan# 925

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Tgt Ion:105 Resp: 1050090

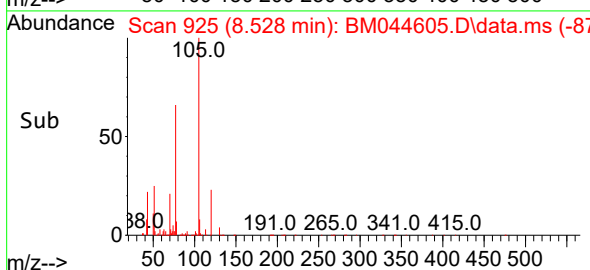
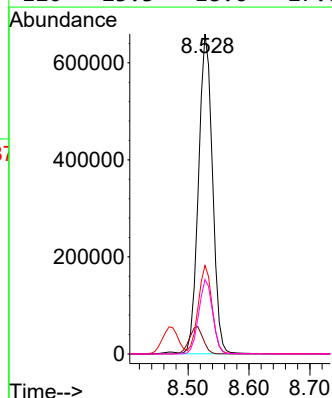
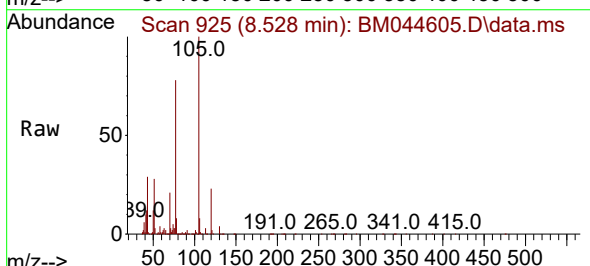
Ion Ratio Lower Upper

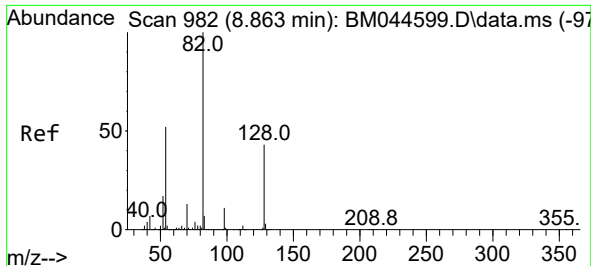
105 100

71 3.3 3.4 5.2#

51 27.6 22.2 33.4

120 23.3 18.6 27.8

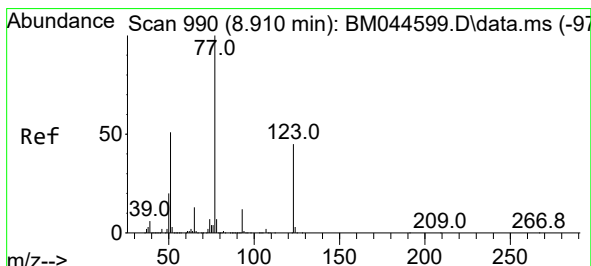
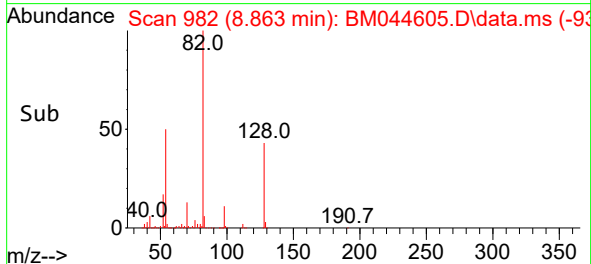
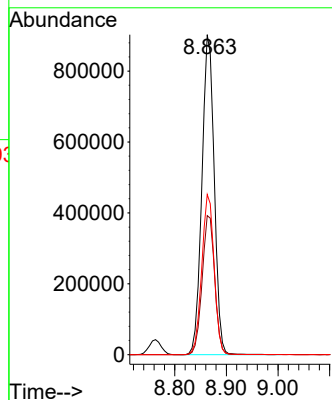
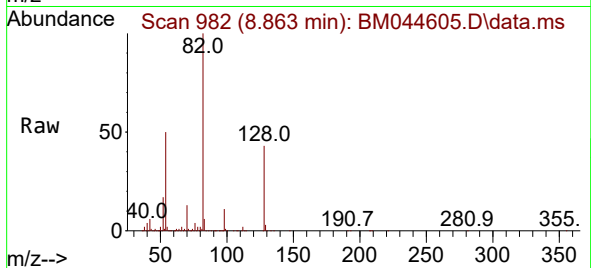




#23
Nitrobenzene-d5
Concen: 85.299 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

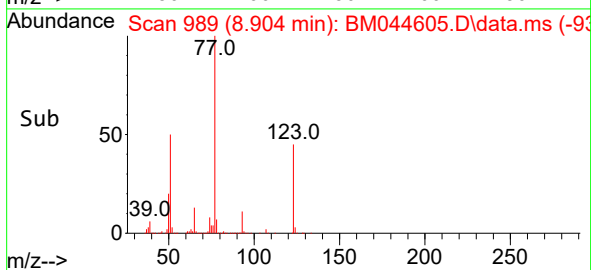
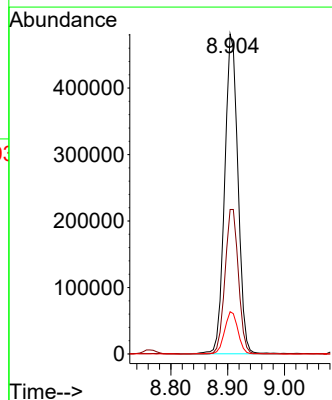
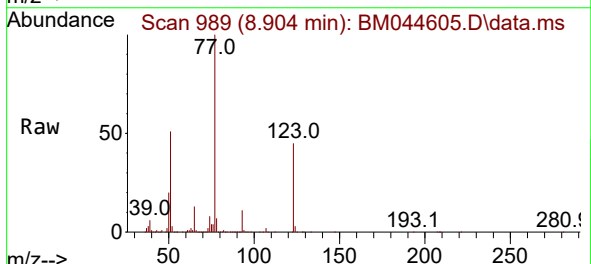
Instrument :
BNA_M
ClientSampleId :
PB159537BS

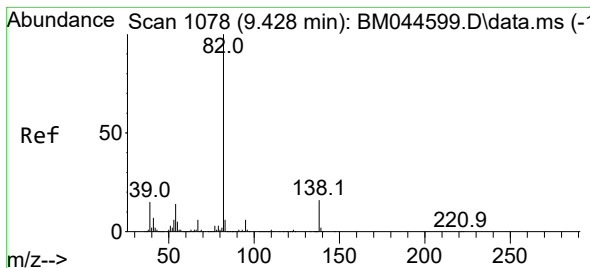
Tgt Ion: 82 Resp: 1496681
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 50.1 41.3 61.9



#24
Nitrobenzene
Concen: 45.291 ng
RT: 8.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion: 77 Resp: 785563
Ion Ratio Lower Upper
77 100
123 45.2 35.9 53.9
65 13.2 10.7 16.1





#25

Isophorone

Concen: 46.499 ng

RT: 9.428 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

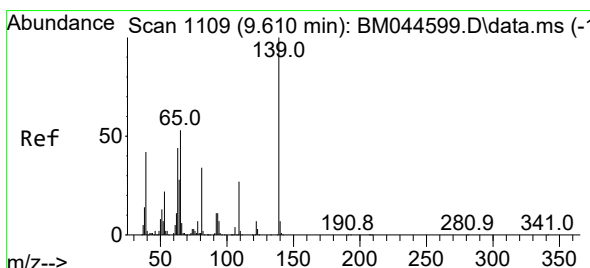
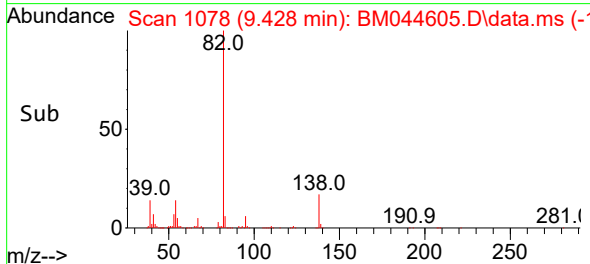
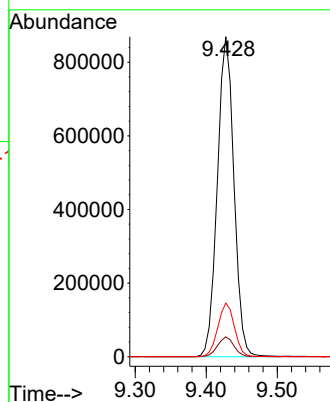
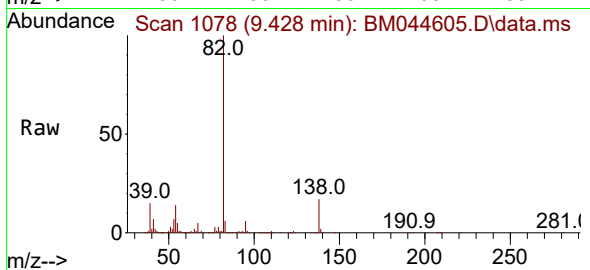
BNA_M

ClientSampleId :

PB159537BS

Tgt Ion: 82 Resp: 1407730

Ion	Ratio	Lower	Upper
82	100		
95	6.2	4.9	7.3
138	16.7	12.9	19.3



#26

2-Nitrophenol

Concen: 49.107 ng

RT: 9.610 min Scan# 1109

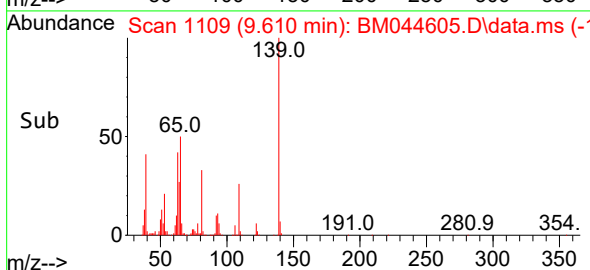
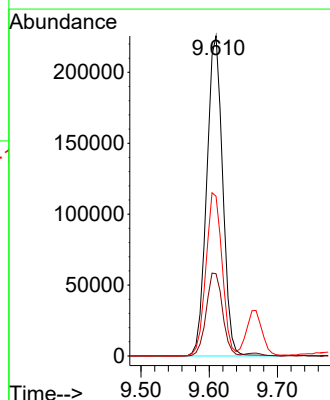
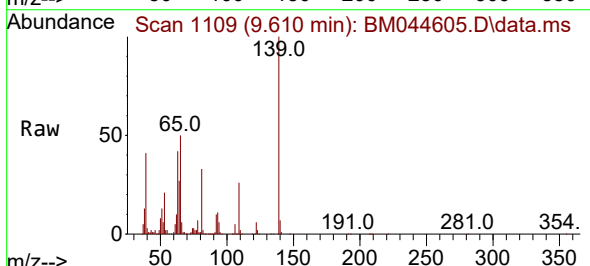
Delta R.T. 0.000 min

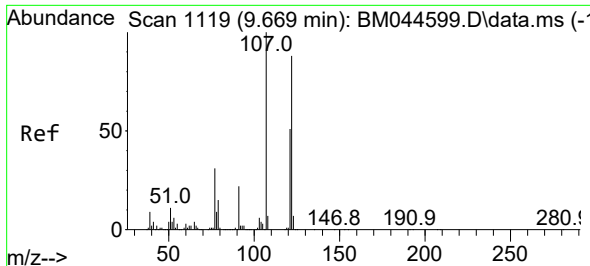
Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Tgt Ion: 139 Resp: 367539

Ion	Ratio	Lower	Upper
139	100		
109	25.7	21.2	31.8
65	49.9	42.4	63.6





#27

2,4-Dimethylphenol

Concen: 38.104 ng

RT: 9.669 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

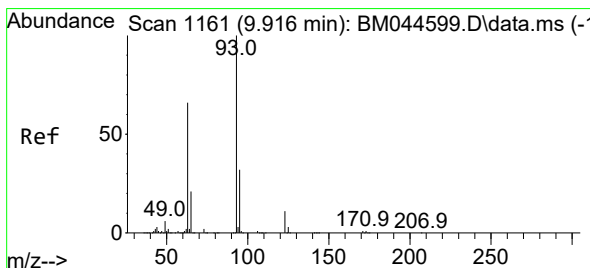
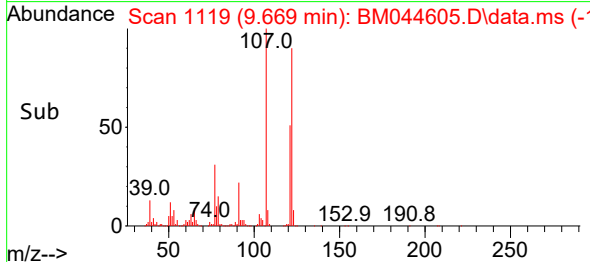
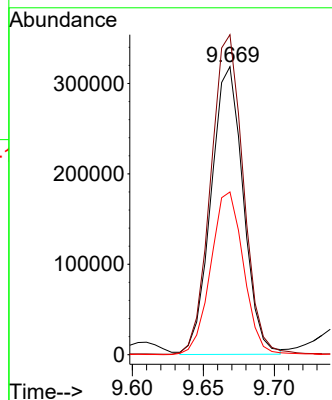
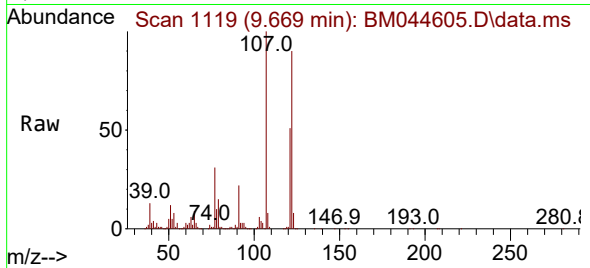
Tgt Ion:122 Resp: 501530

Ion Ratio Lower Upper

122 100

107 111.1 90.5 135.7

121 56.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.898 ng

RT: 9.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

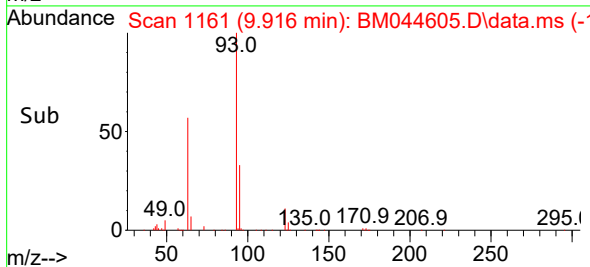
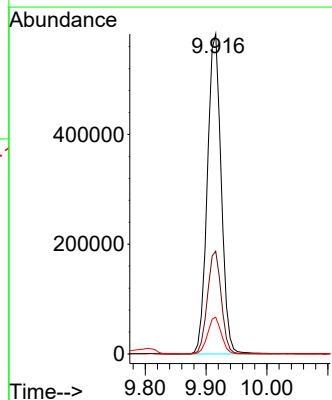
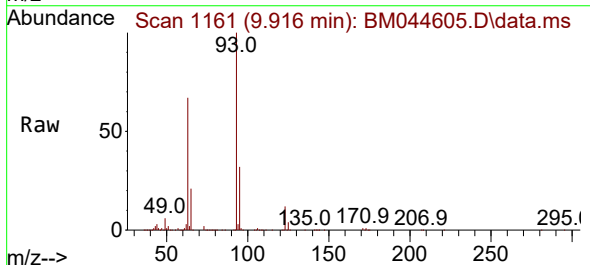
Tgt Ion: 93 Resp: 922734

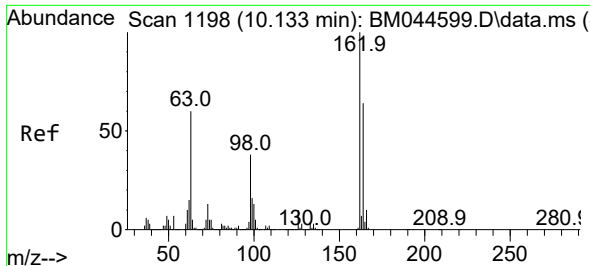
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.945 ng

RT: 10.133 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

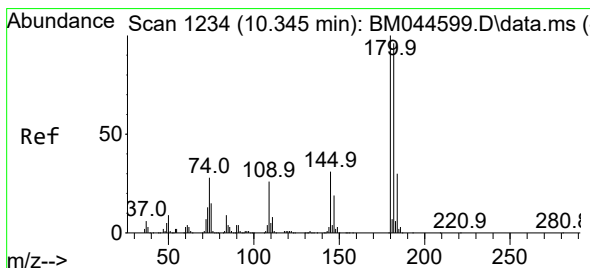
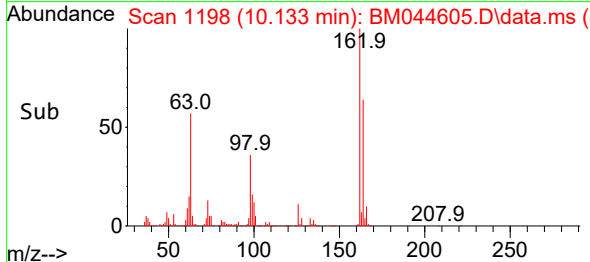
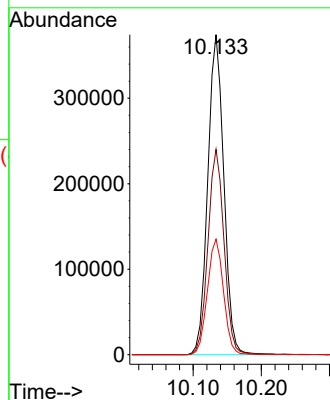
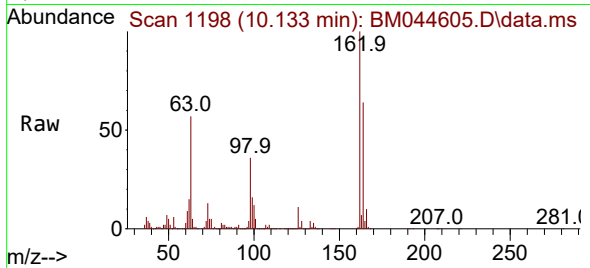
Tgt Ion:162 Resp: 613984

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

98 36.1 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 48.176 ng

RT: 10.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

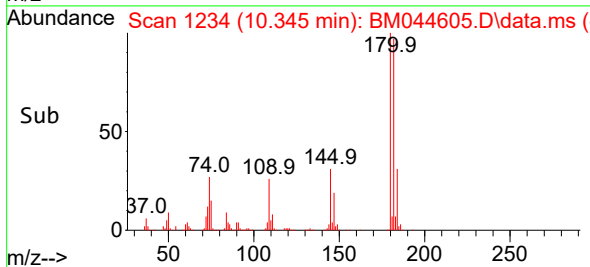
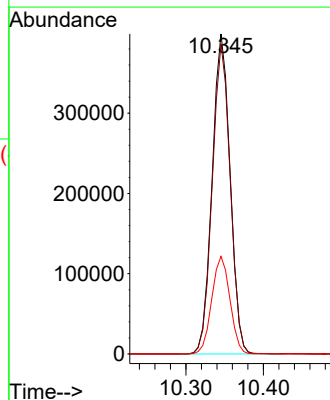
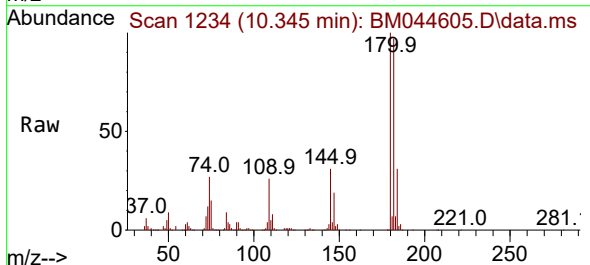
Tgt Ion:180 Resp: 642914

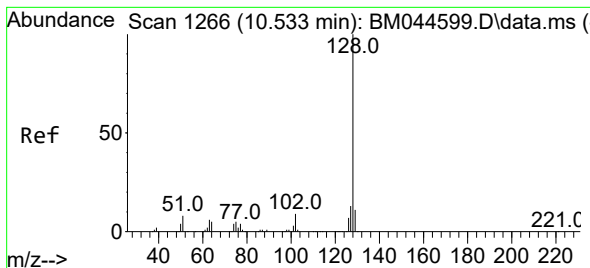
Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

145 30.5 24.6 36.8

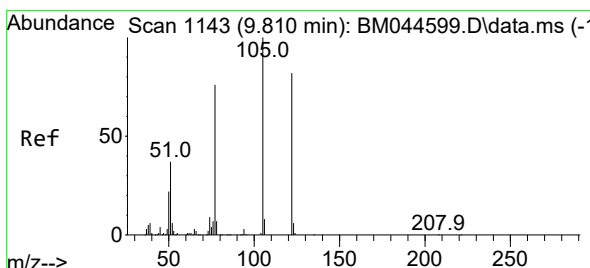
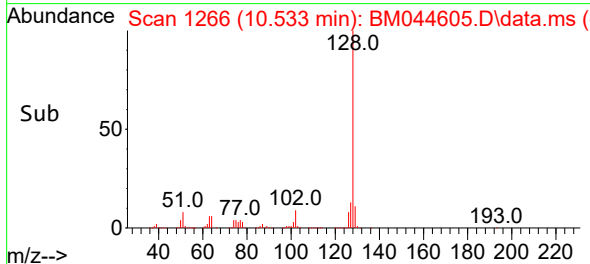
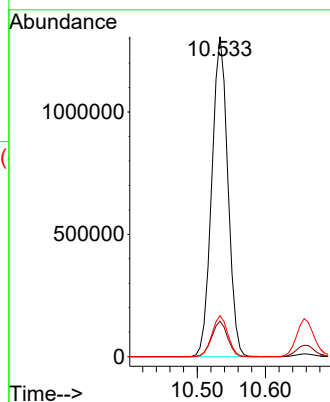
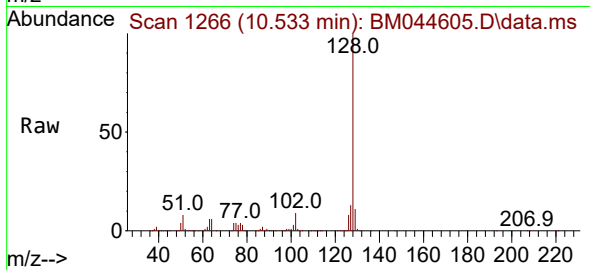




#31
Naphthalene
Concen: 46.248 ng
RT: 10.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

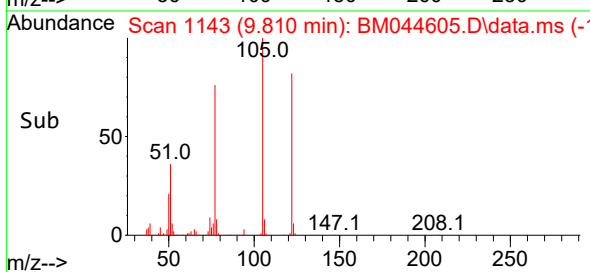
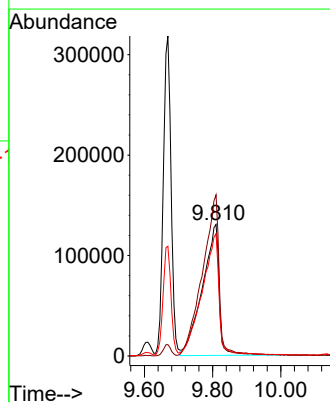
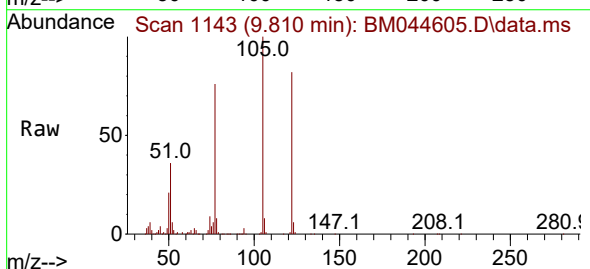
Instrument :
BNA_M
ClientSampleId :
PB159537BS

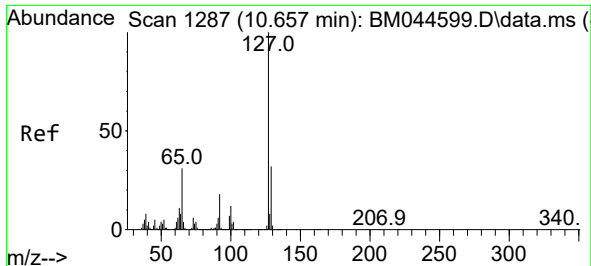
Tgt Ion:128 Resp: 2145515
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 43.206 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:122 Resp: 449738
Ion Ratio Lower Upper
122 100
105 122.5 100.0 140.0
77 93.0 72.5 112.5

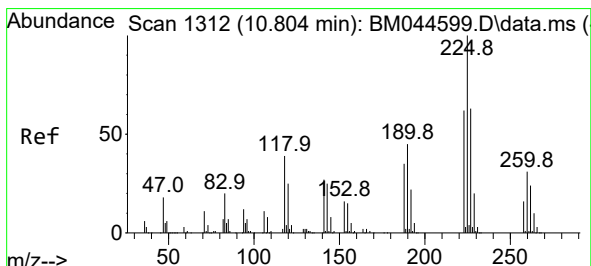
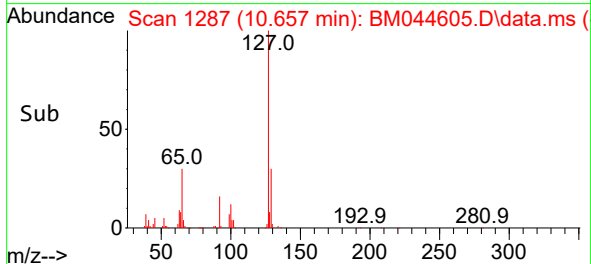
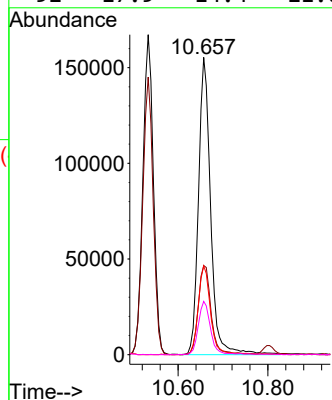
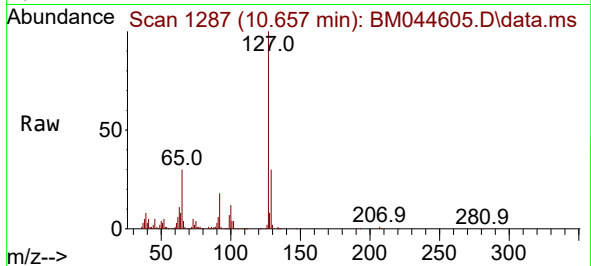




#33
4-Chloroaniline
Concen: 15.053 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

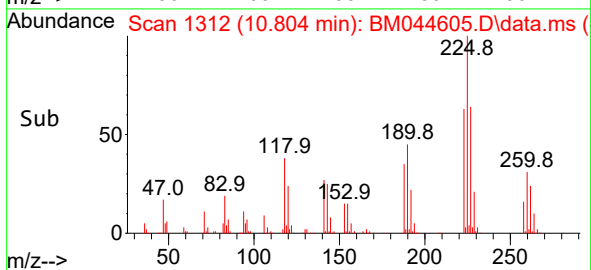
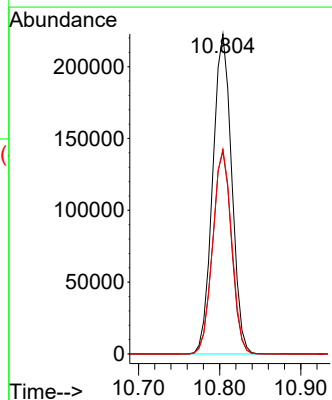
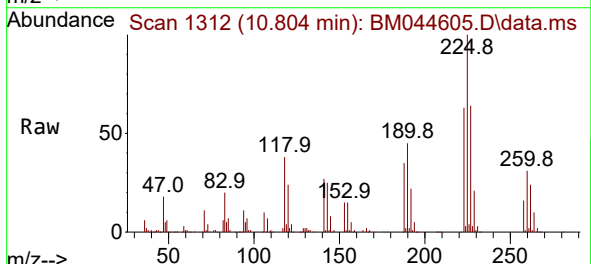
Instrument :
BNA_M
ClientSampleId :
PB159537BS

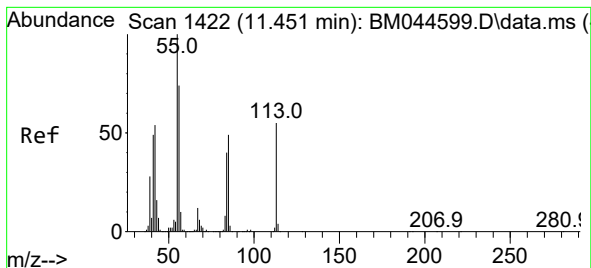
Tgt Ion:	127	Resp:	292963
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.6	38.4
65	29.9	25.1	37.7
92	17.9	14.4	21.6



#34
Hexachlorobutadiene
Concen: 48.599 ng
RT: 10.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:	225	Resp:	361614
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	64.1	50.6	75.8

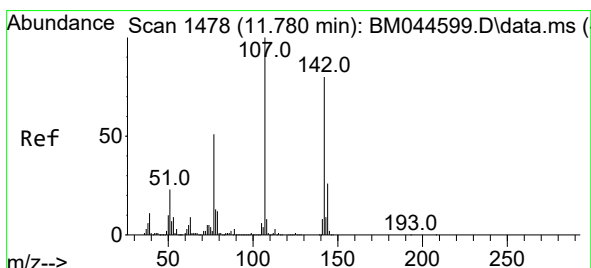
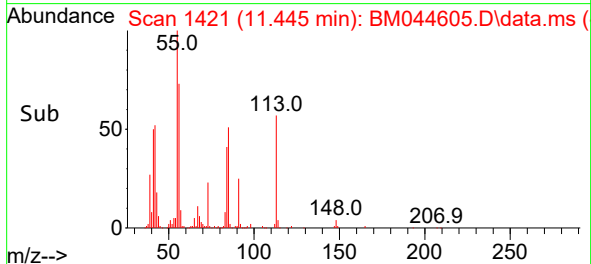
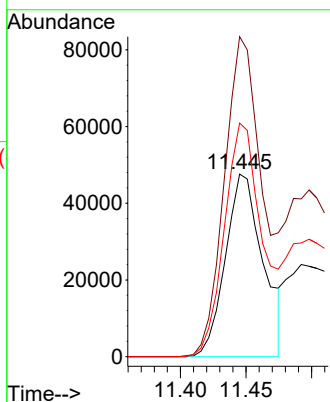
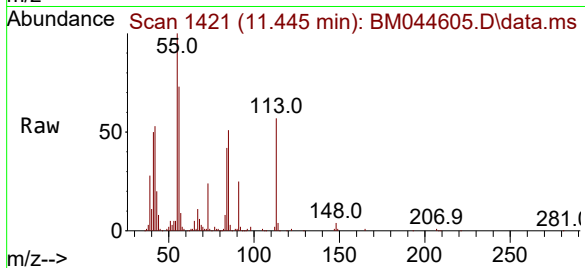




#35
Caprolactam
Concen: 23.398 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

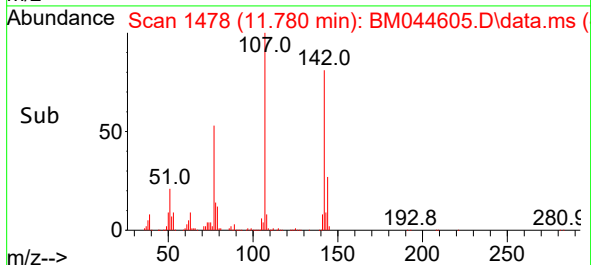
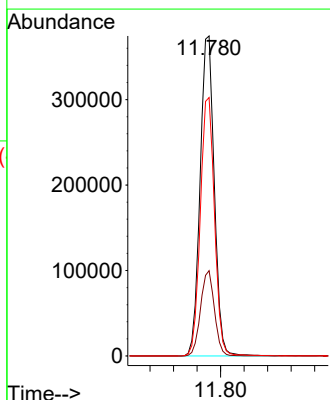
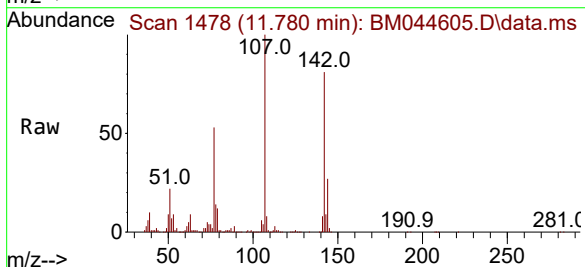
Instrument :
BNA_M
ClientSampleId :
PB159537BS

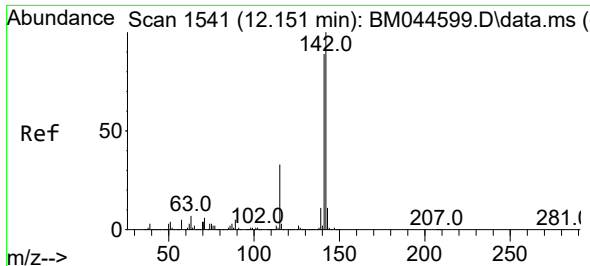
Tgt Ion:113 Resp: 94679
Ion Ratio Lower Upper
113 100
55 175.2 161.1 201.1
56 127.9 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 45.487 ng
RT: 11.780 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:107 Resp: 626143
Ion Ratio Lower Upper
107 100
144 26.7 20.8 31.2
142 80.8 63.8 95.8

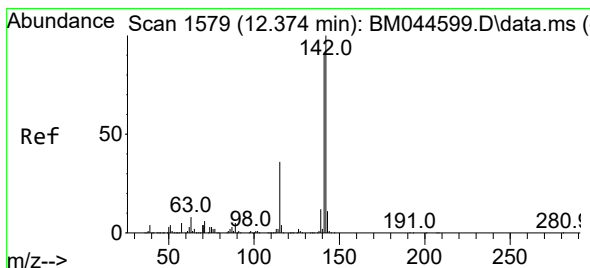
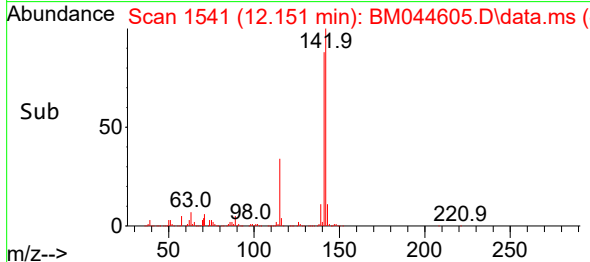
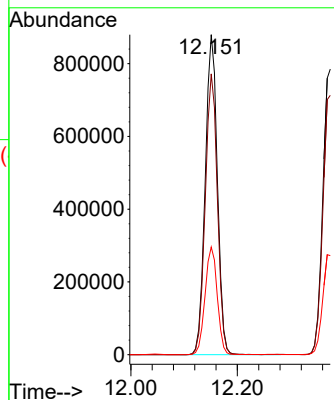
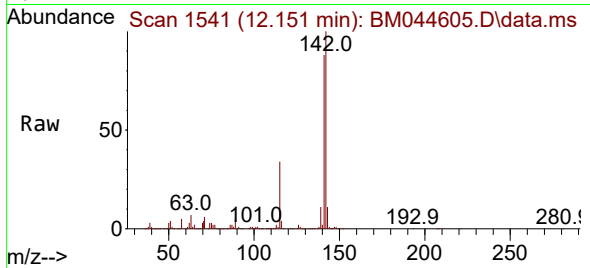




#37
2-Methylnaphthalene
Concen: 44.073 ng
RT: 12.151 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

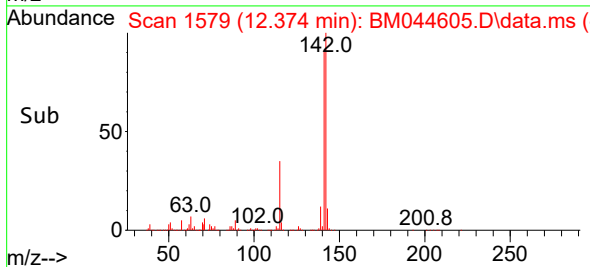
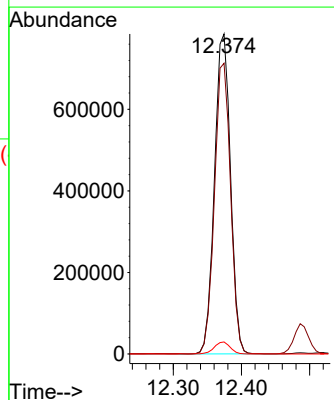
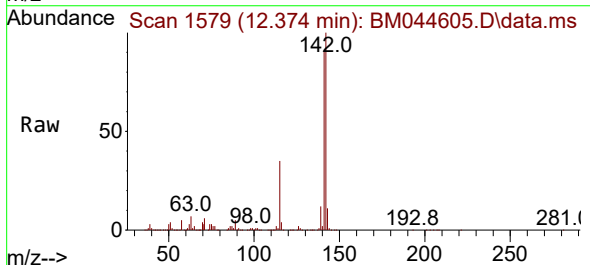
Instrument :
BNA_M
ClientSampleId :
PB159537BS

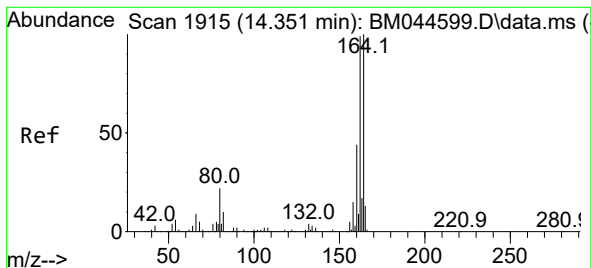
Tgt Ion:142 Resp: 1387737
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 33.7 26.6 40.0



#38
1-Methylnaphthalene
Concen: 43.671 ng
RT: 12.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:142 Resp: 1281550
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

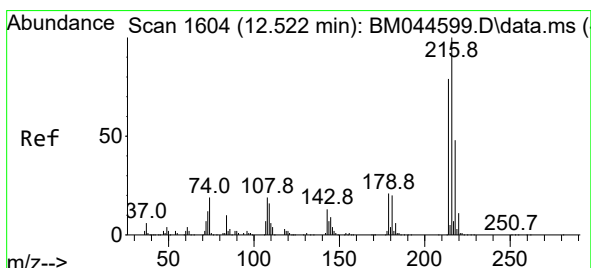
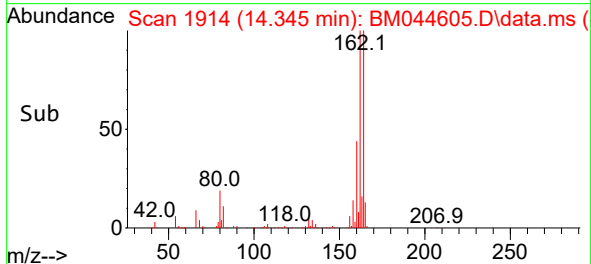
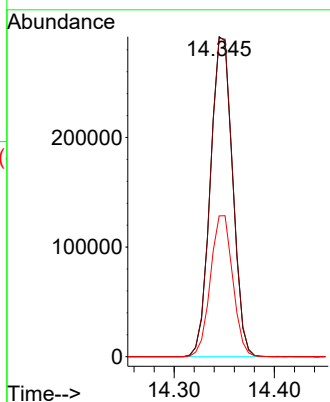
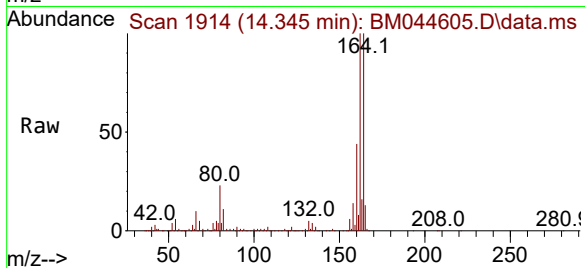
Tgt Ion:164 Resp: 448734

Ion Ratio Lower Upper

164 100

162 99.6 79.3 118.9

160 44.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.151 ng

RT: 12.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Tgt Ion:216 Resp: 625898

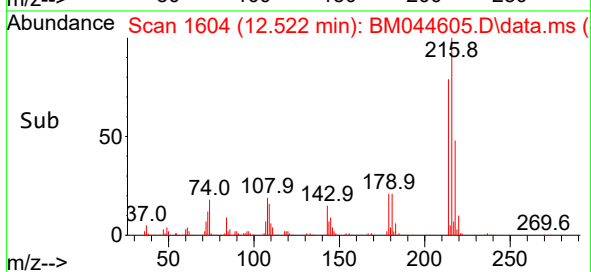
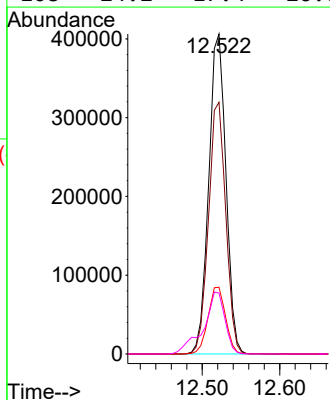
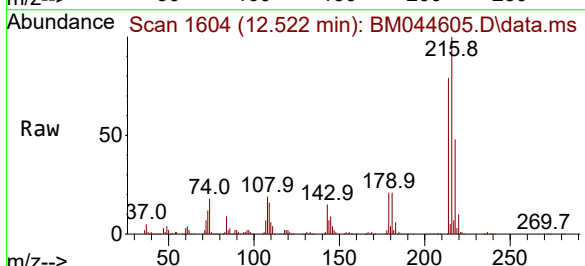
Ion Ratio Lower Upper

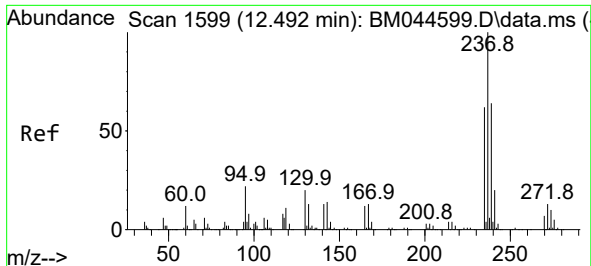
216 100

214 78.9 62.9 94.3

179 21.3 16.9 25.3

108 24.2 17.4 26.0

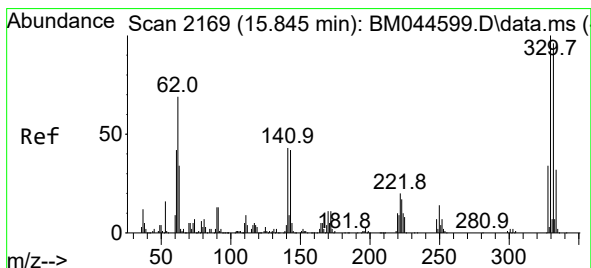
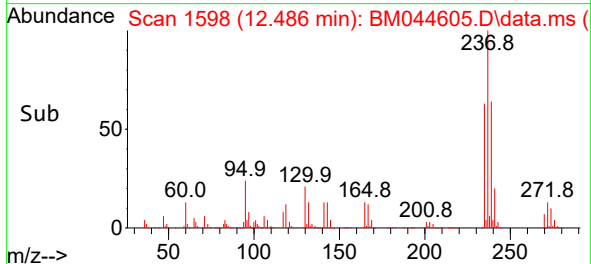
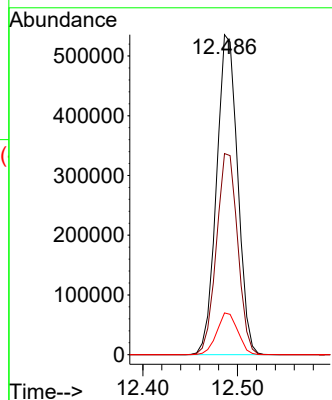
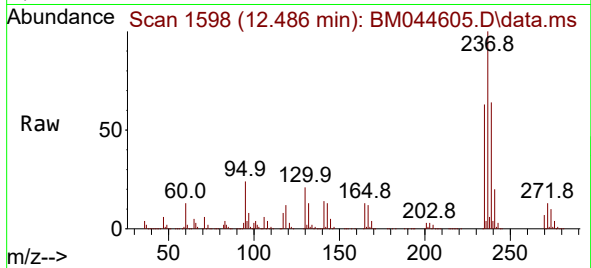




#41
Hexachlorocyclopentadiene
Concen: 114.521 ng
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

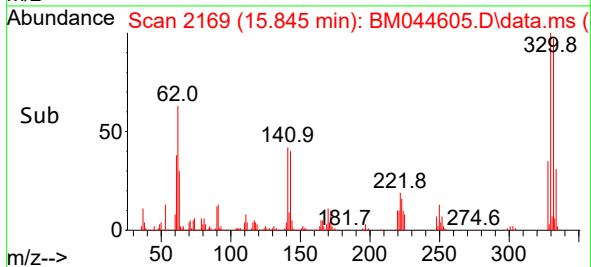
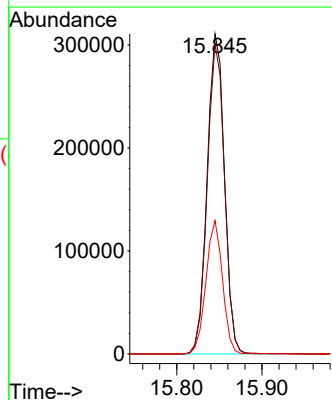
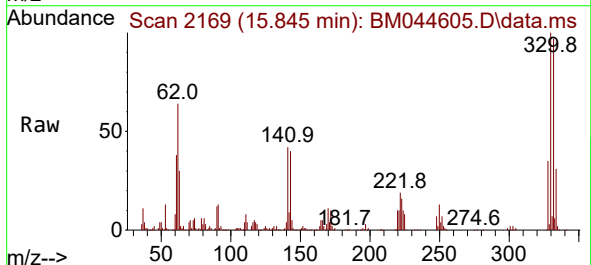
Instrument :
BNA_M
ClientSampleId :
PB159537BS

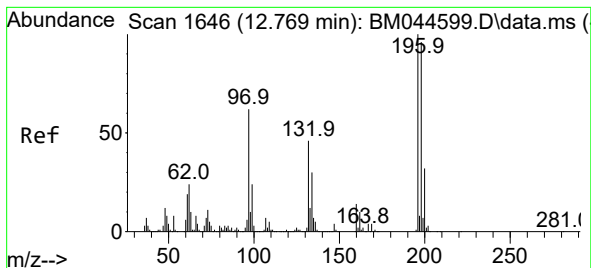
Tgt Ion:237 Resp: 830790
Ion Ratio Lower Upper
237 100
235 62.8 42.1 82.1
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 88.699 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:330 Resp: 439002
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 40.0 33.4 50.0

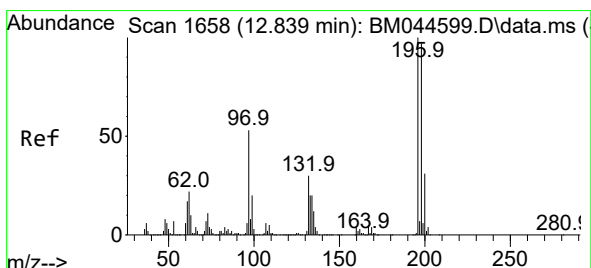
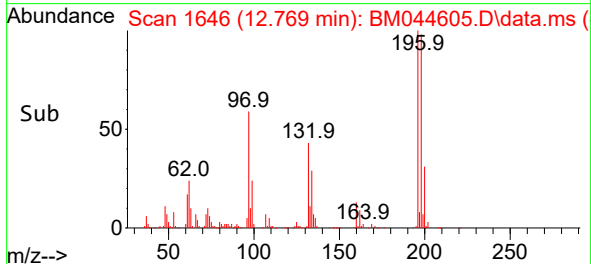
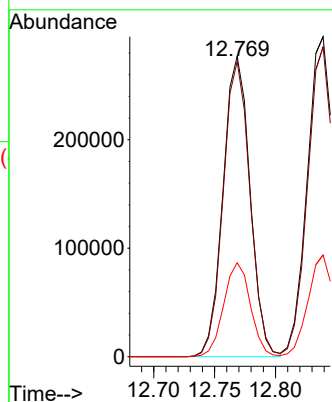
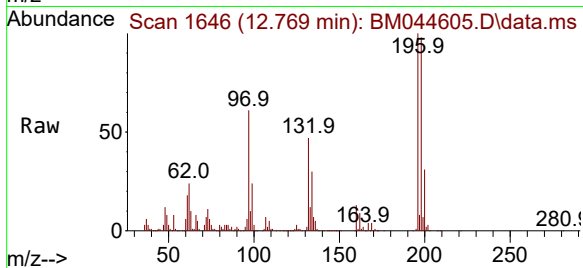




#43
2,4,6-Trichlorophenol
Concen: 49.682 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

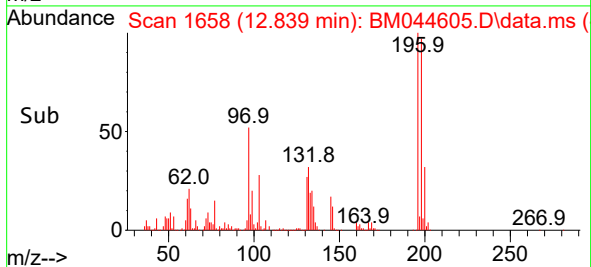
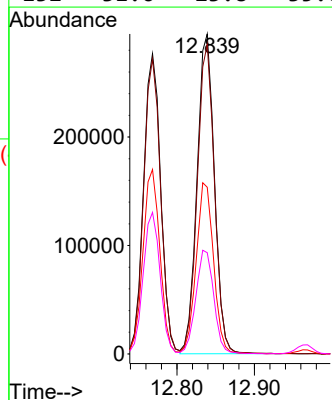
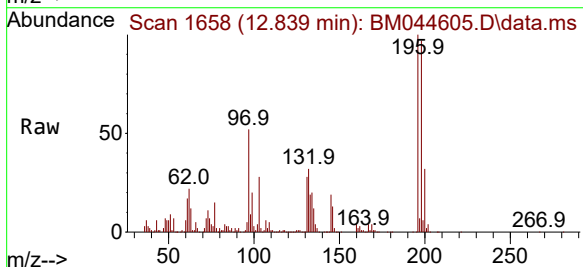
Instrument :
BNA_M
ClientSampleId :
PB159537BS

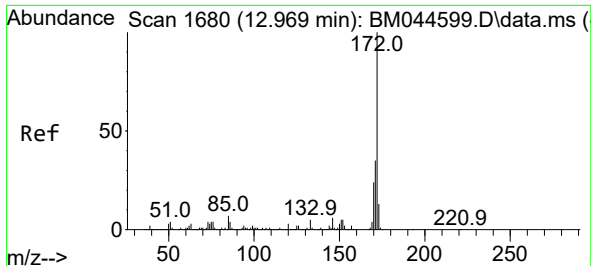
Tgt Ion:196 Resp: 427195
Ion Ratio Lower Upper
196 100
198 98.2 76.9 115.3
200 31.3 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 45.153 ng
RT: 12.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:196 Resp: 460043
Ion Ratio Lower Upper
196 100
198 96.8 77.7 116.5
97 52.1 42.8 64.2
132 31.6 23.8 35.6

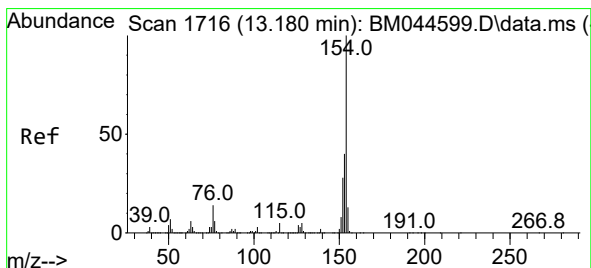
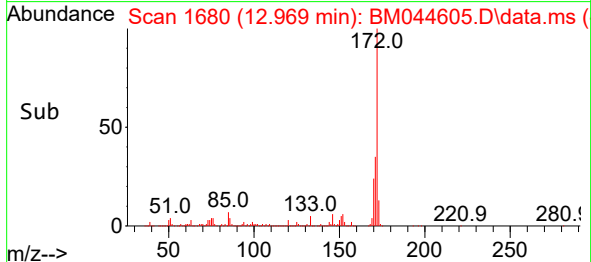
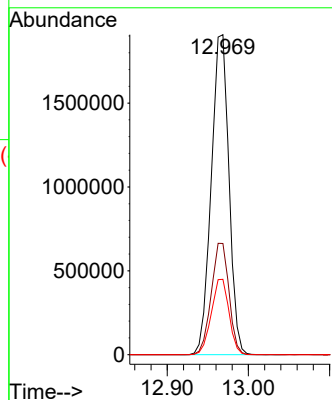
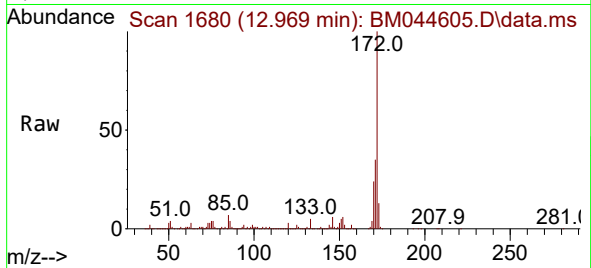




#45
2-Fluorobiphenyl
Concen: 88.594 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

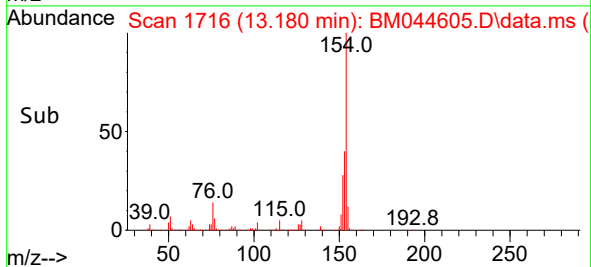
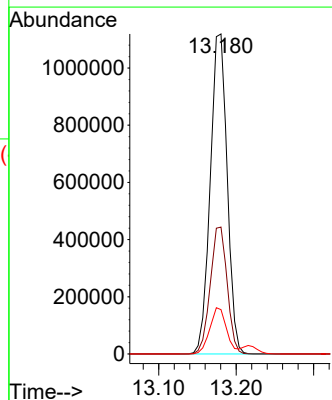
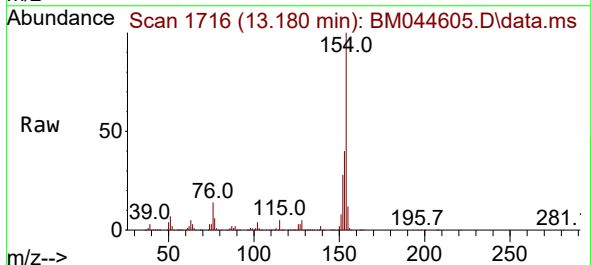
Instrument :
BNA_M
ClientSampleId :
PB159537BS

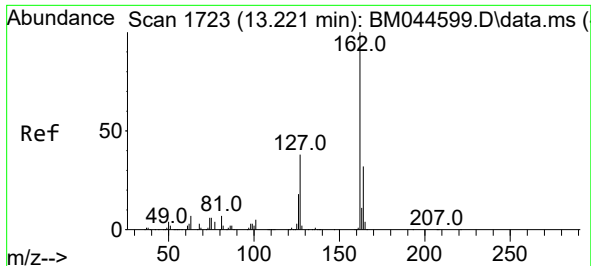
Tgt Ion:172 Resp: 2886622
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.432 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:154 Resp: 1699789
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.466 ng

RT: 13.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

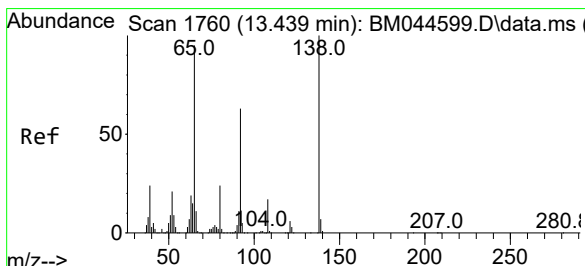
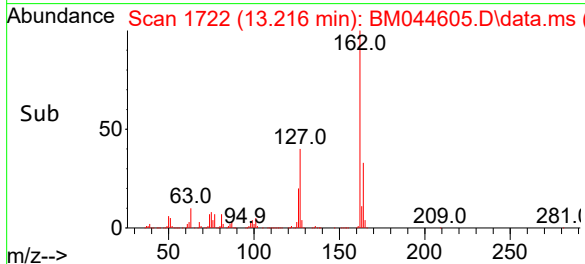
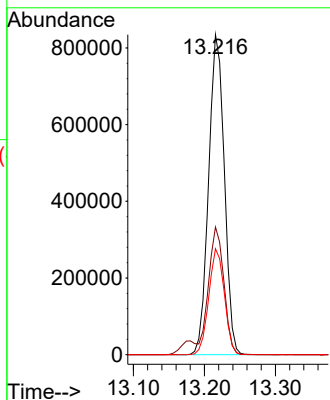
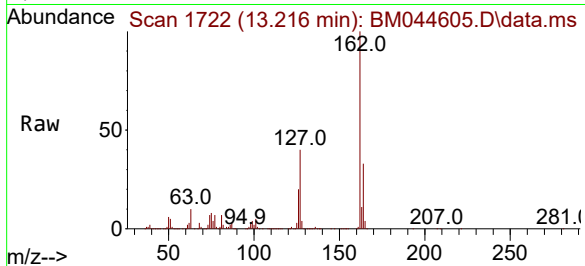
Tgt Ion:162 Resp: 1283781

Ion Ratio Lower Upper

162 100

127 39.9 31.4 47.0

164 33.1 25.8 38.8



#48

2-Nitroaniline

Concen: 45.538 ng

RT: 13.433 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

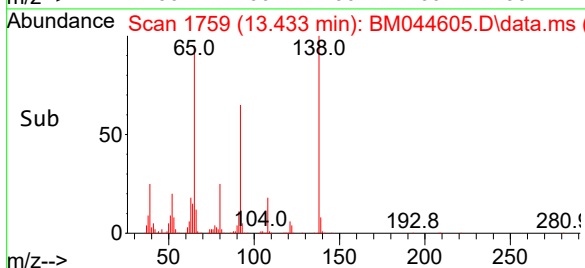
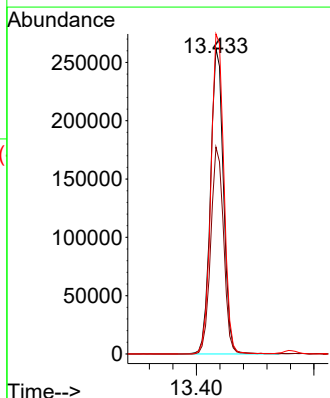
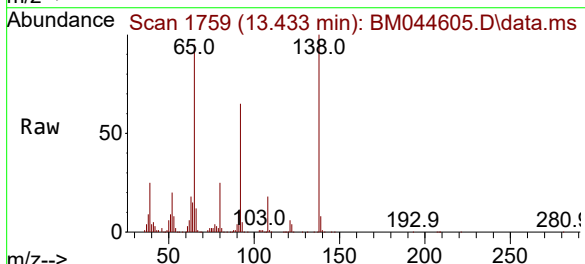
Tgt Ion: 65 Resp: 400998

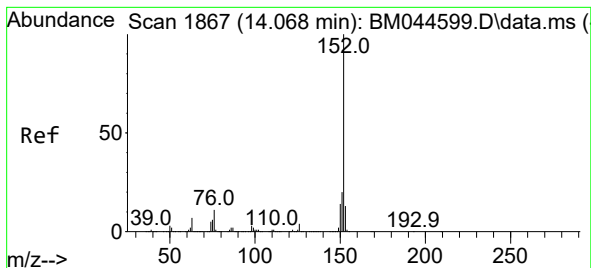
Ion Ratio Lower Upper

65 100

92 67.7 53.3 79.9

138 104.8 84.3 126.5





#49

Acenaphthylene

Concen: 49.508 ng

RT: 14.068 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

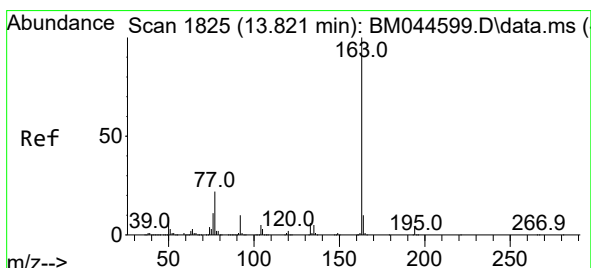
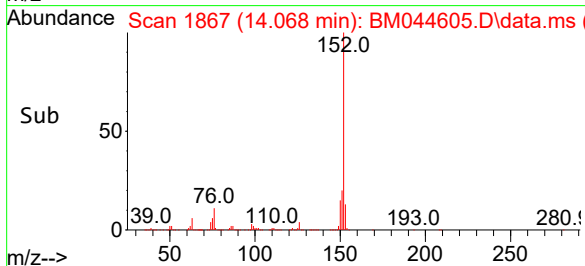
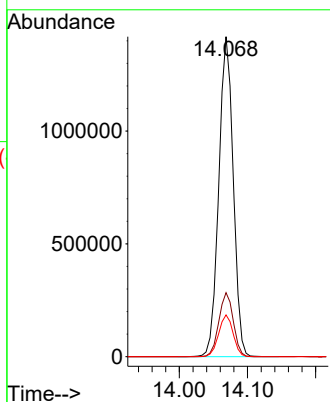
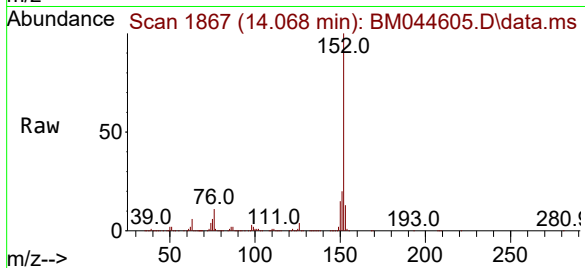
Tgt Ion:152 Resp: 2093045

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 44.878 ng

RT: 13.821 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

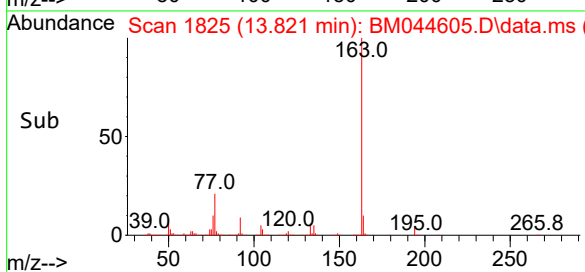
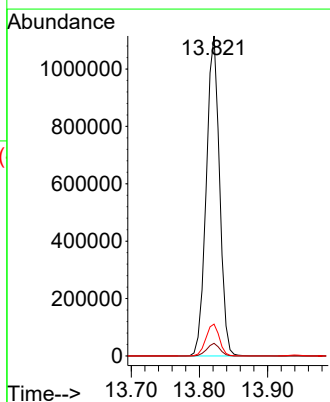
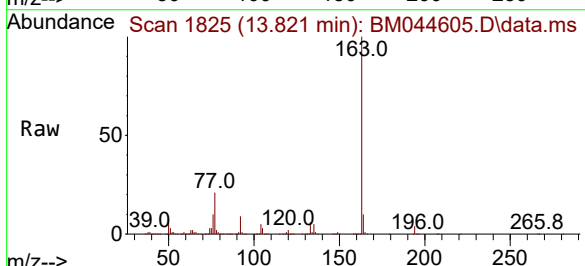
Tgt Ion:163 Resp: 1506308

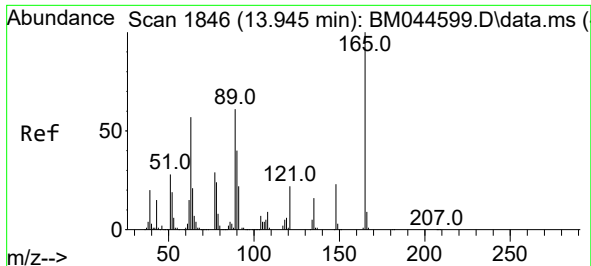
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.0 12.0

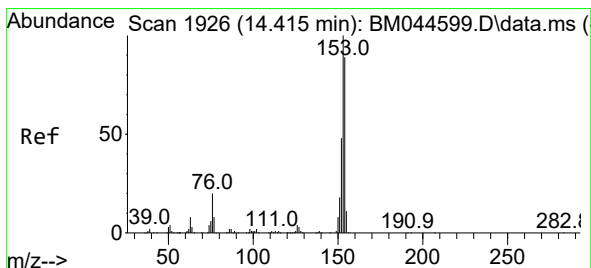
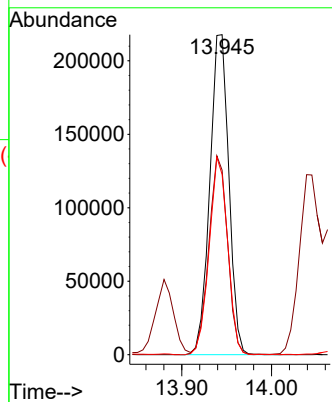
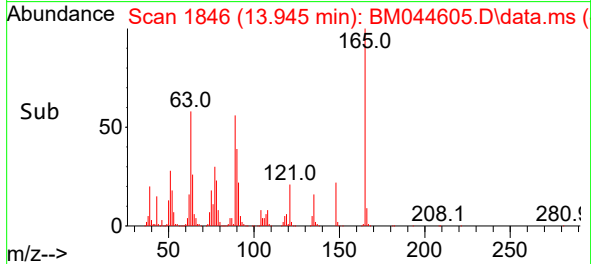
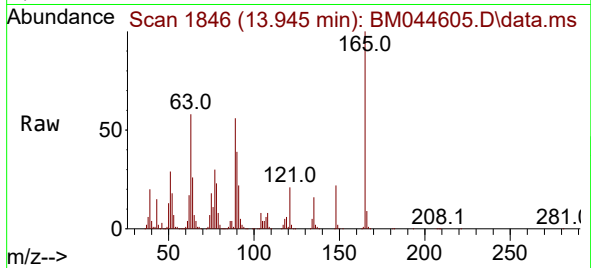




#51
2,6-Dinitrotoluene
Concen: 45.793 ng
RT: 13.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

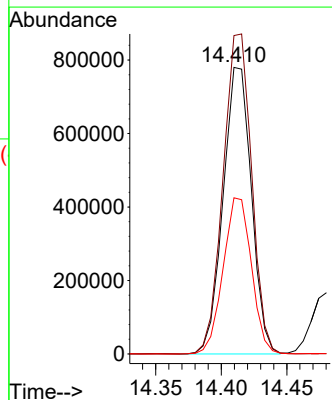
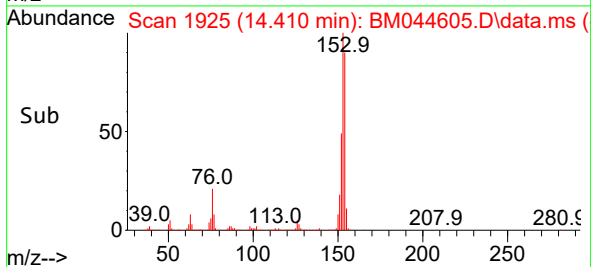
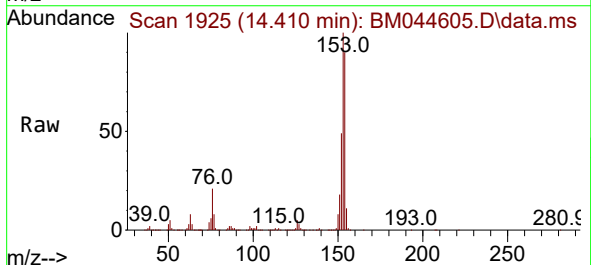
Instrument :
BNA_M
ClientSampleId :
PB159537BS

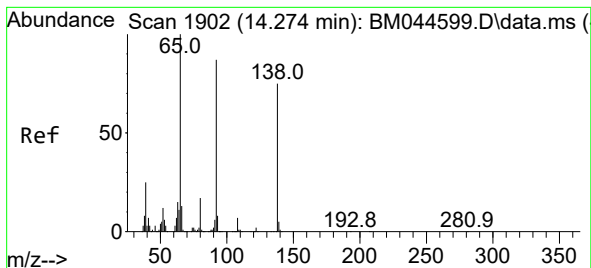
Tgt Ion:165 Resp: 320066
Ion Ratio Lower Upper
165 100
63 57.7 50.4 75.6
89 56.3 49.3 73.9



#52
Acenaphthene
Concen: 45.818 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:154 Resp: 1170975
Ion Ratio Lower Upper
154 100
153 111.1 90.3 135.5
152 54.5 43.1 64.7

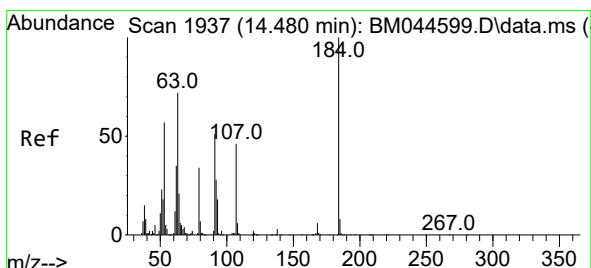
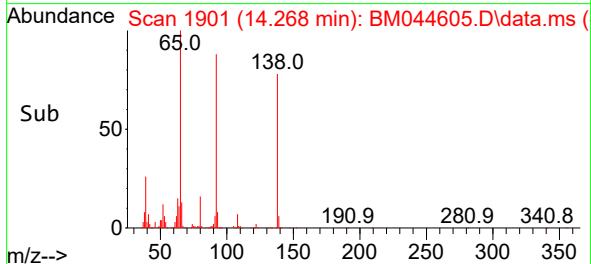
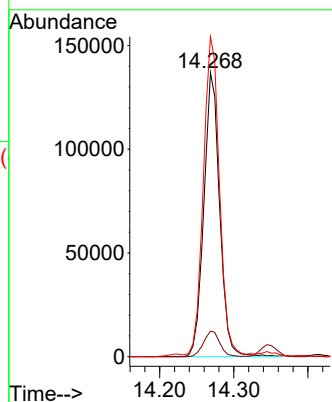
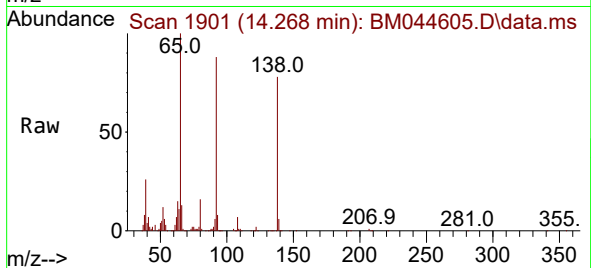




#53
3-Nitroaniline
Concen: 24.806 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

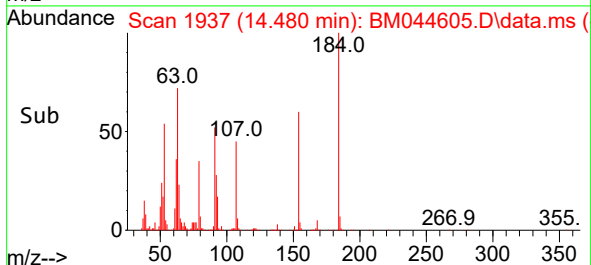
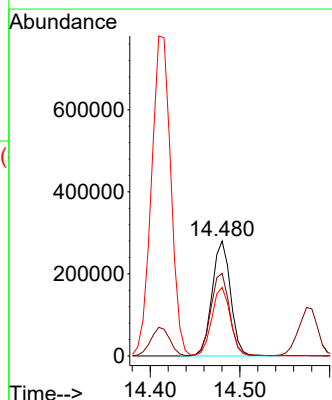
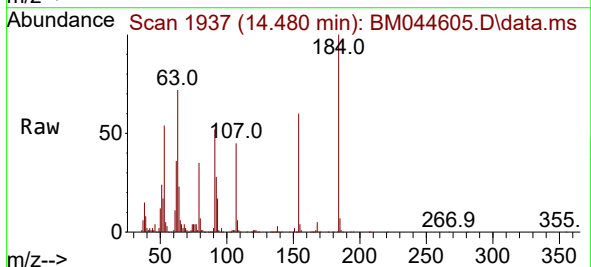
Instrument :
BNA_M
ClientSampleId :
PB159537BS

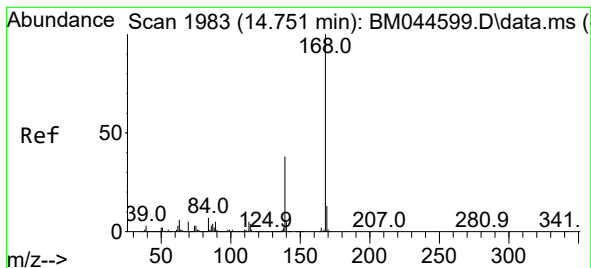
Tgt Ion:138 Resp: 203023
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 112.7 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 87.007 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:184 Resp: 399790
Ion Ratio Lower Upper
184 100
63 71.8 62.2 93.2
154 59.6 47.9 71.9





#55

Dibenzenofuran

Concen: 45.145 ng

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

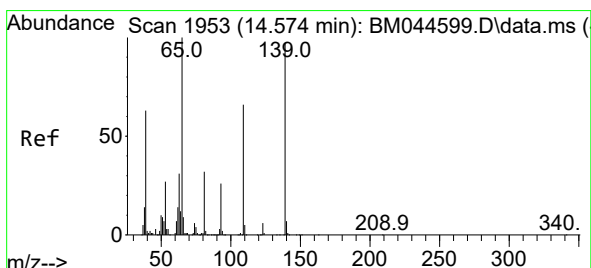
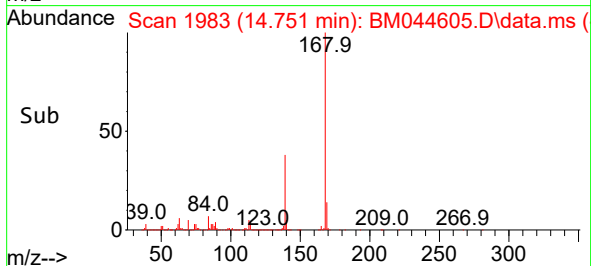
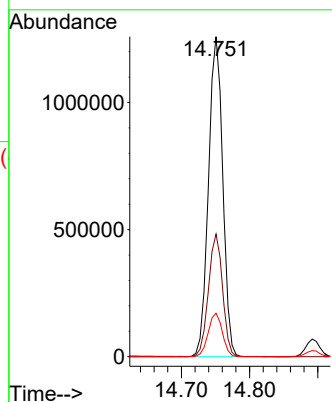
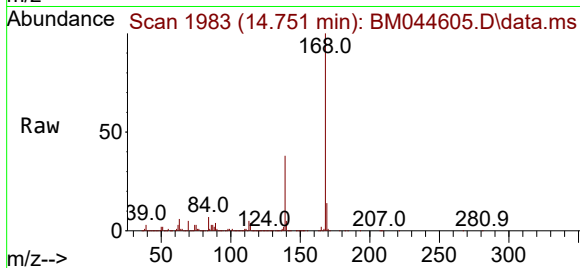
Tgt Ion:168 Resp: 1831156

Ion Ratio Lower Upper

168 100

139 38.3 30.6 46.0

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 91.993 ng

RT: 14.580 min Scan# 1954

Delta R.T. 0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

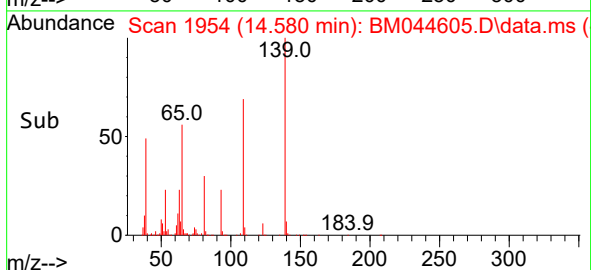
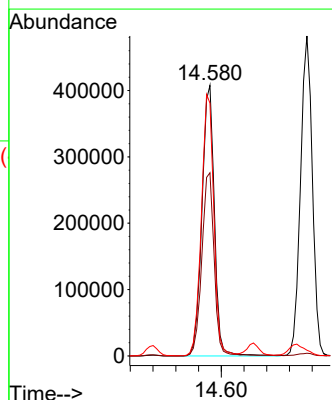
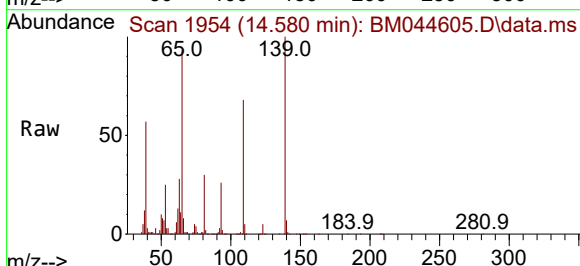
Tgt Ion:139 Resp: 618354

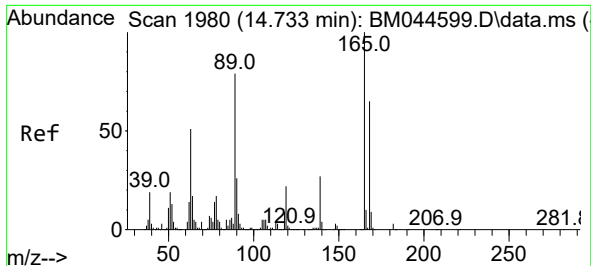
Ion Ratio Lower Upper

139 100

109 67.7 48.0 88.0

65 93.4 83.5 123.5

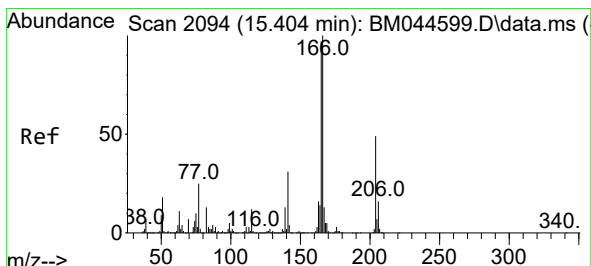
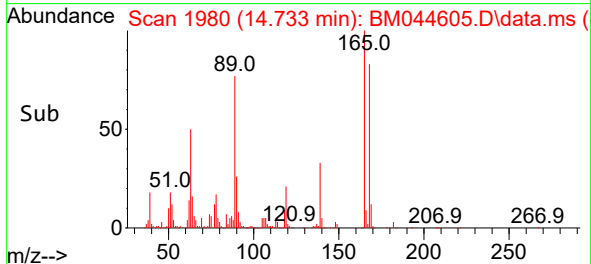
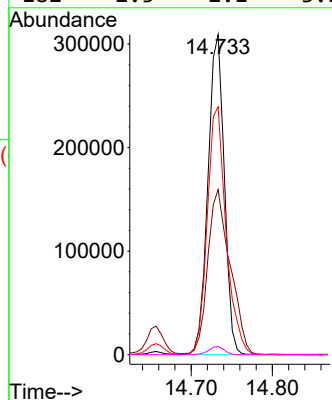
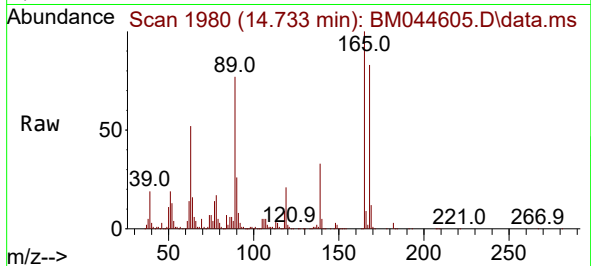




#57
2,4-Dinitrotoluene
Concen: 47.094 ng
RT: 14.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

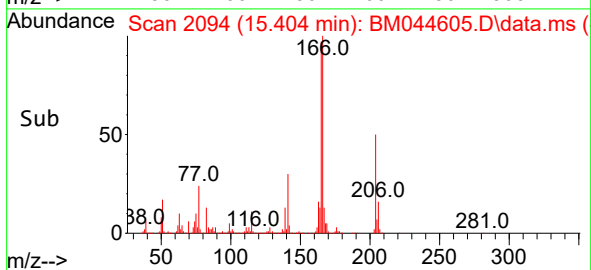
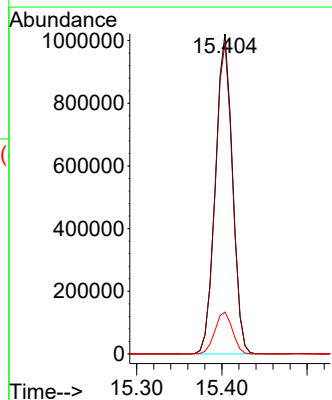
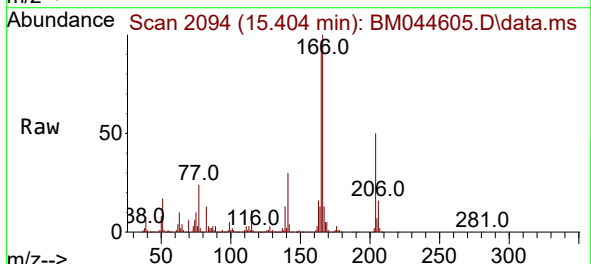
Instrument :
BNA_M
ClientSampleId :
PB159537BS

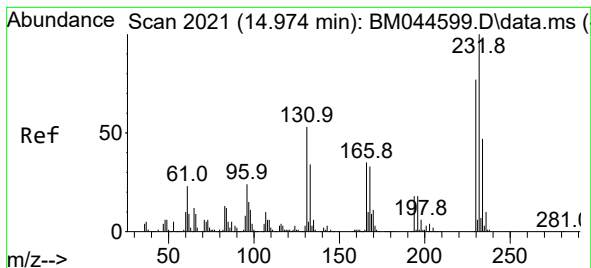
Tgt Ion:165 Resp: 430097
Ion Ratio Lower Upper
165 100
63 51.6 40.9 61.3
89 77.4 63.4 95.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 45.035 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:166 Resp: 1422497
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.1 10.8 16.2

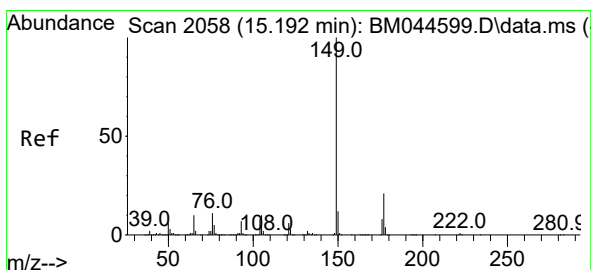
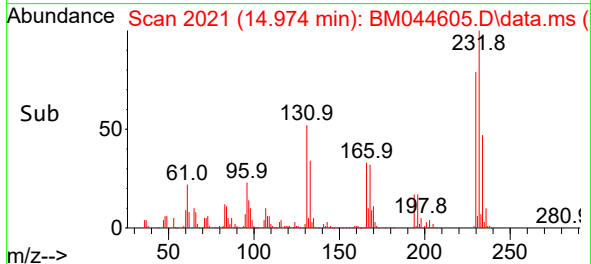
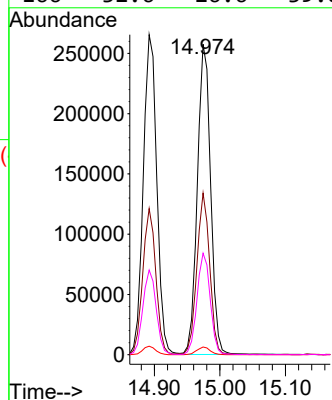
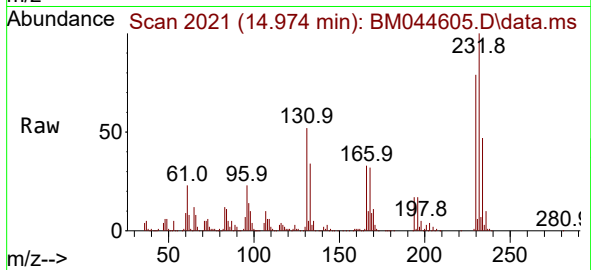




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.882 ng
RT: 14.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

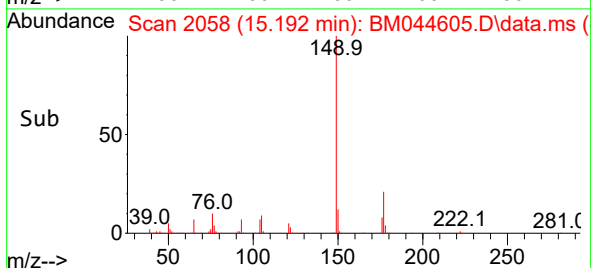
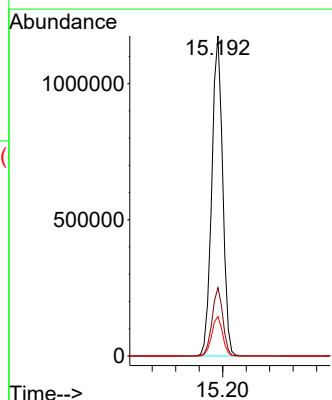
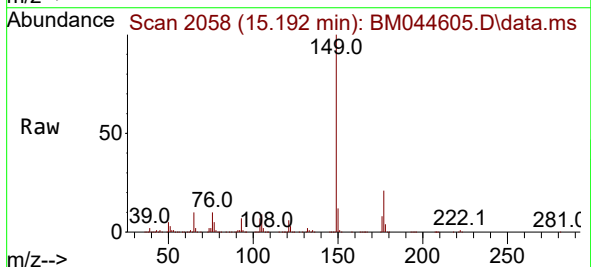
Instrument :
BNA_M
ClientSampleId :
PB159537BS

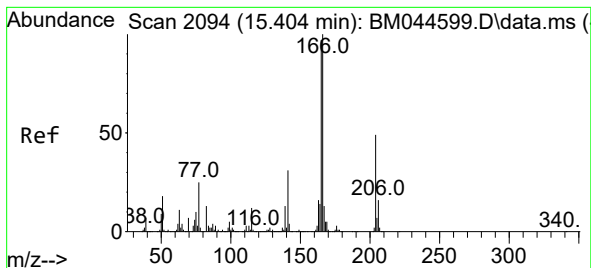
Tgt Ion:232 Resp: 362940
Ion Ratio Lower Upper
232 100
131 50.2 41.0 61.4
130 2.5 2.1 3.1
166 32.6 26.6 39.8



#60
Diethylphthalate
Concen: 44.433 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:149 Resp: 1509705
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.3 9.8 14.8

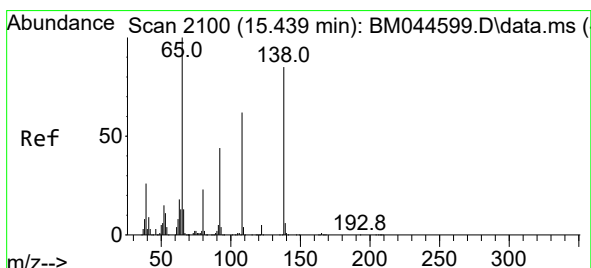
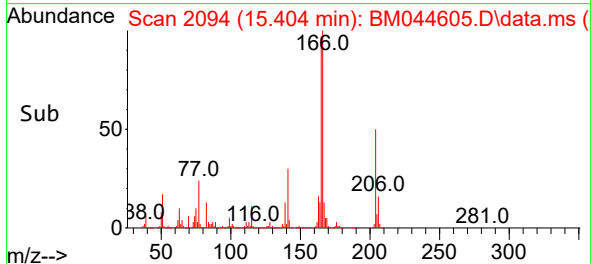
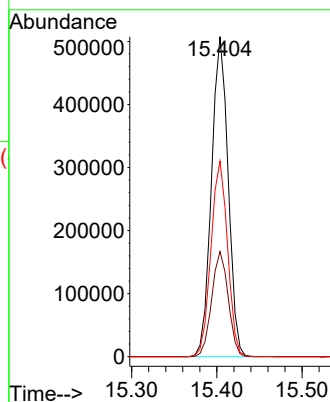
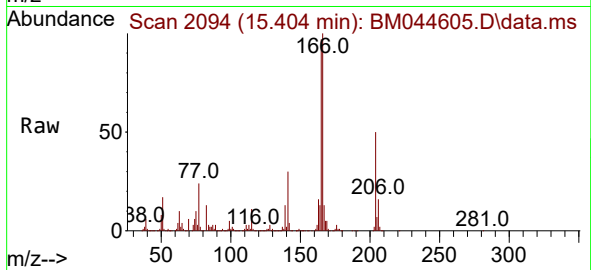




#61
4-Chlorophenyl-phenylether
Concen: 45.370 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

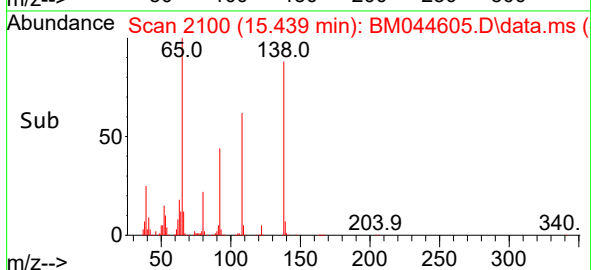
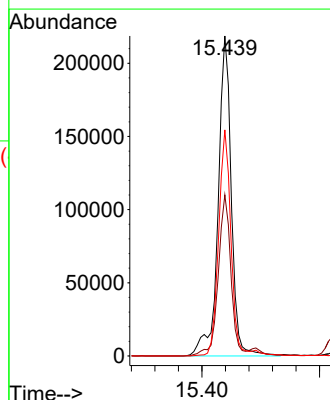
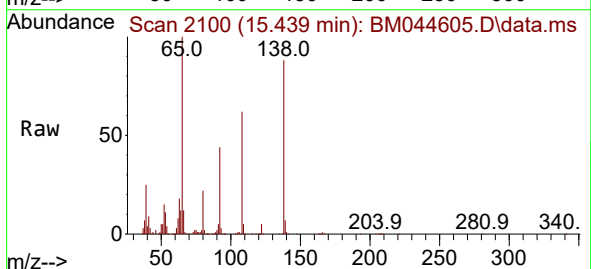
Instrument :
BNA_M
ClientSampleId :
PB159537BS

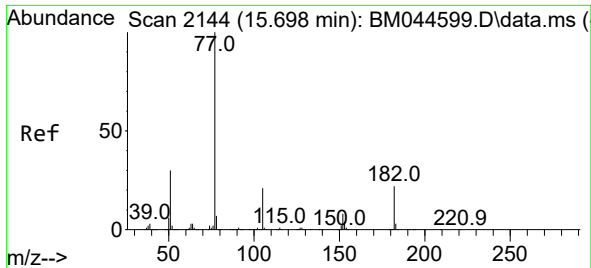
Tgt Ion:204 Resp: 687974
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 61.1 49.8 74.8



#62
4-Nitroaniline
Concen: 41.608 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:138 Resp: 340169
Ion Ratio Lower Upper
138 100
92 50.4 31.9 71.9
108 70.7 53.7 93.7



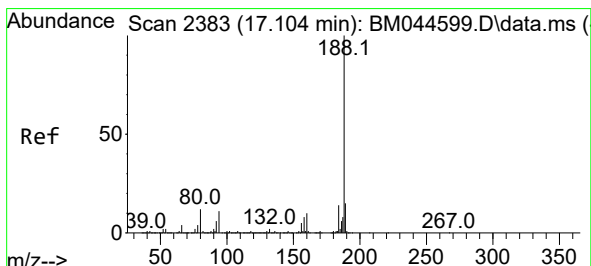
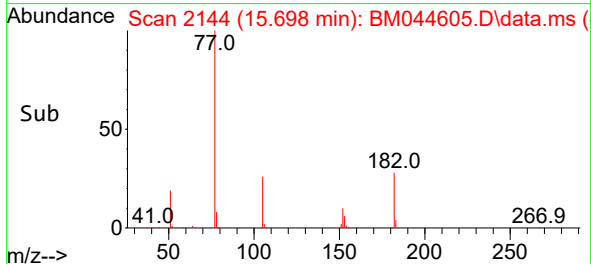
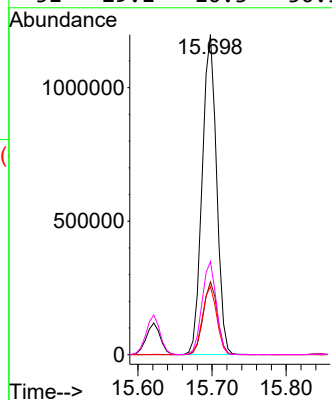
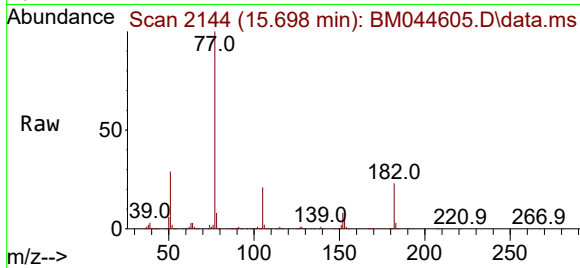


#63
Azobenzene
Concen: 46.015 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Instrument :
BNA_M
ClientSampleId :
PB159537BS

Tgt Ion: 77 Resp: 1616131

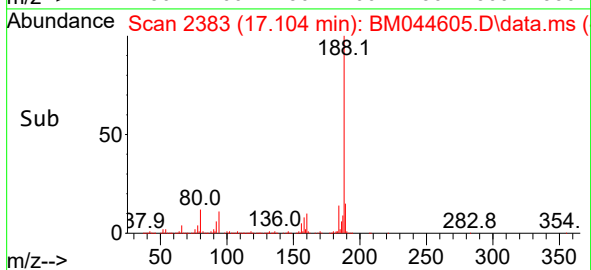
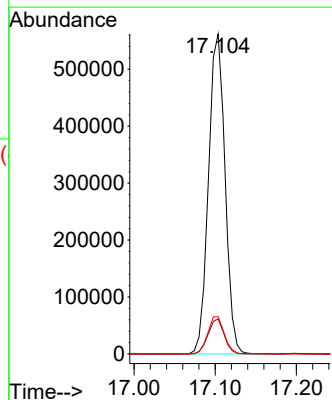
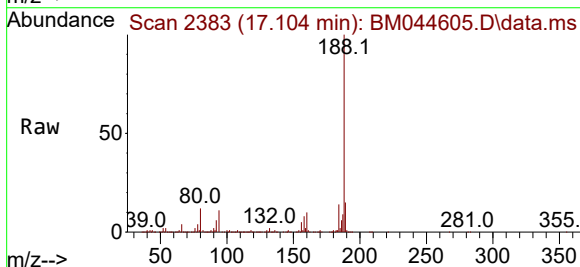
Ion	Ratio	Lower	Upper
77	100		
182	22.7	1.8	41.8
105	21.3	0.7	40.7
51	29.1	10.3	50.3

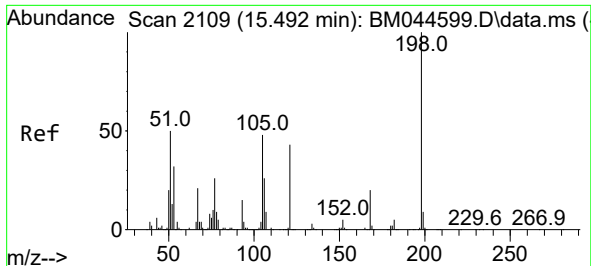


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion: 188 Resp: 794940

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.7	9.4	14.0

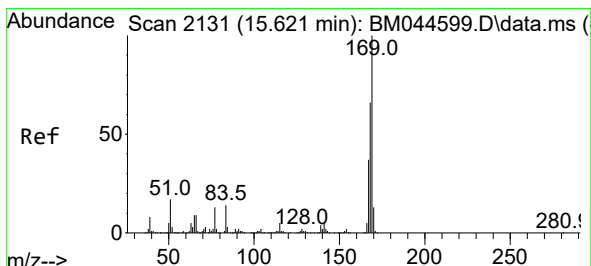
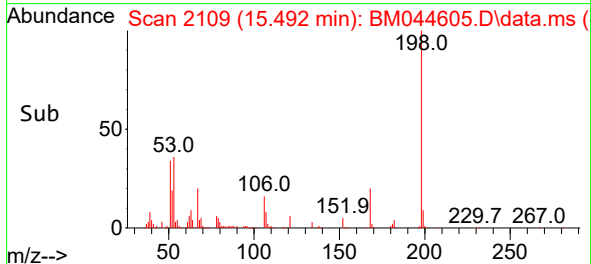
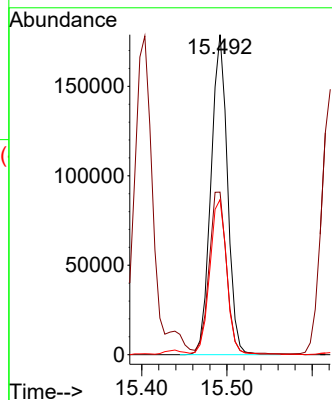
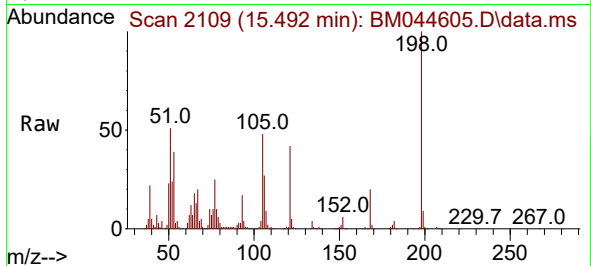




#65
4,6-Dinitro-2-methylphenol
Concen: 48.407 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

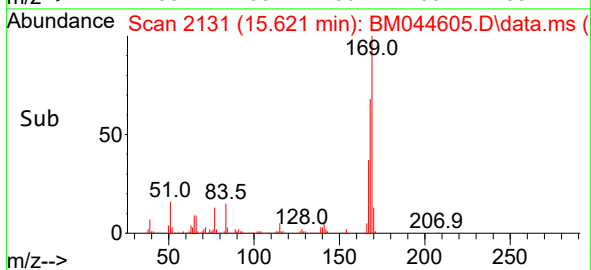
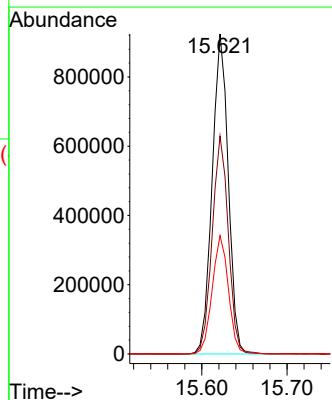
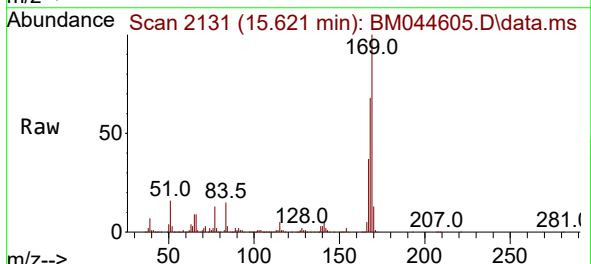
Instrument :
BNA_M
ClientSampleId :
PB159537BS

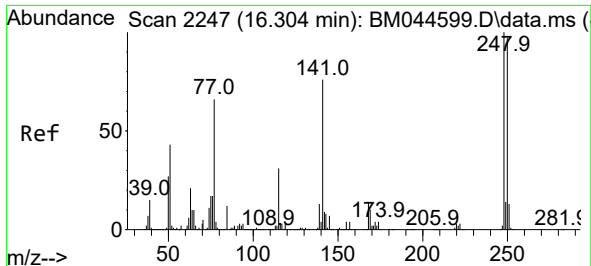
Tgt Ion:198 Resp: 241326
Ion Ratio Lower Upper
198 100
51 50.8 35.0 75.0
105 48.5 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 48.967 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:169 Resp: 1213155
Ion Ratio Lower Upper
169 100
168 68.1 53.1 79.7
167 37.0 29.5 44.3

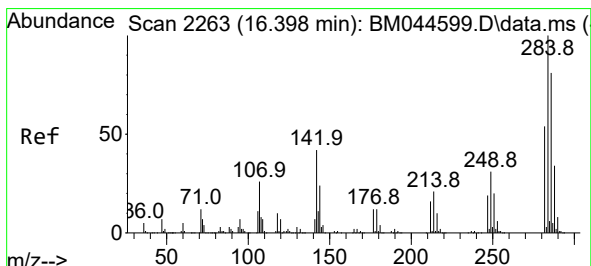
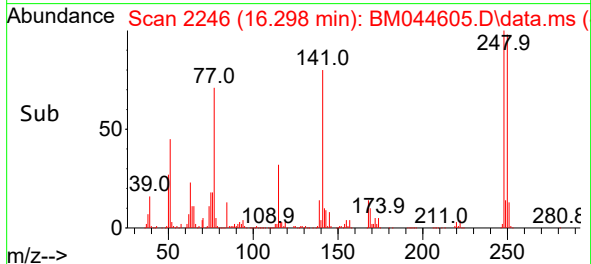
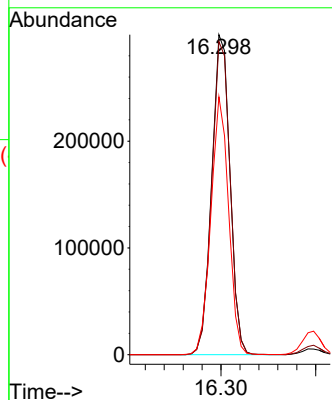
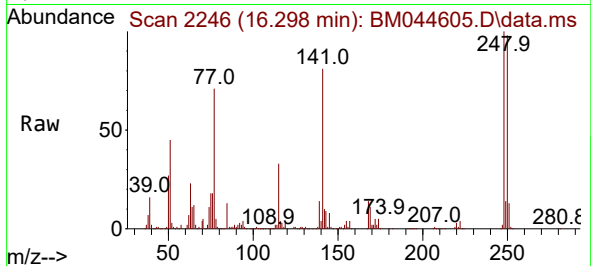




#67
4-Bromophenyl-phenylether
Concen: 48.845 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

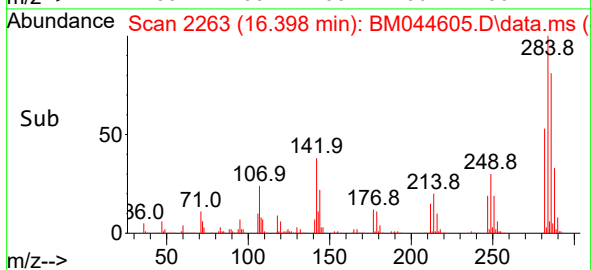
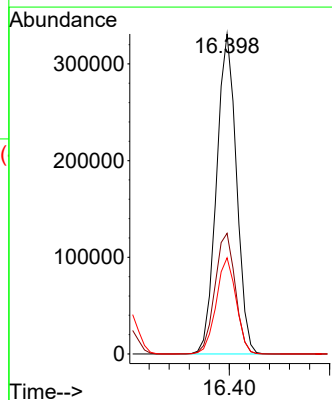
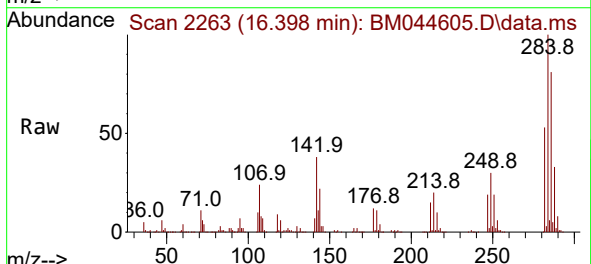
Instrument :
BNA_M
ClientSampleId :
PB159537BS

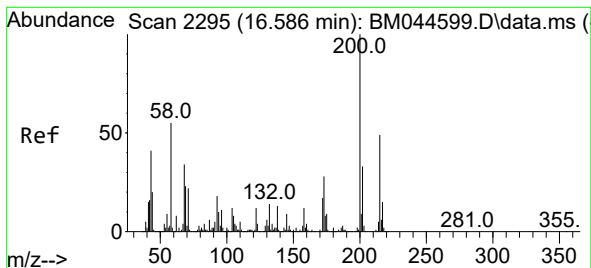
Tgt Ion:248 Resp: 401626
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 80.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 52.161 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BM044605.D
Acq: 13 Mar 2024 19:48

Tgt Ion:284 Resp: 455916
Ion Ratio Lower Upper
284 100
142 37.7 33.7 50.5
249 30.0 24.8 37.2





#69

Atrazine

Concen: 48.959 ng

RT: 16.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

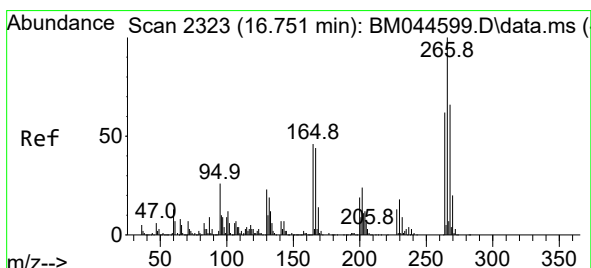
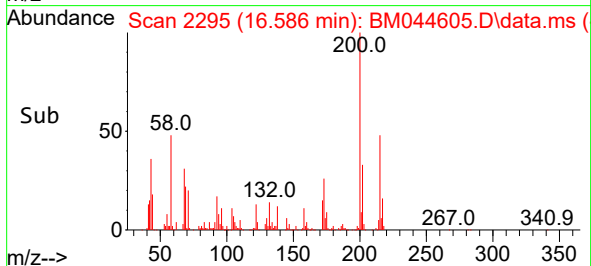
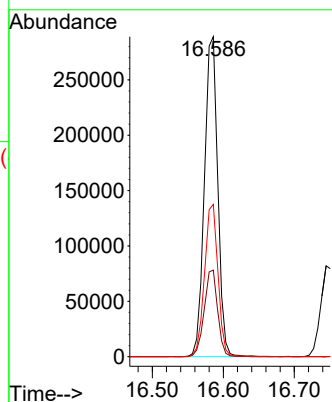
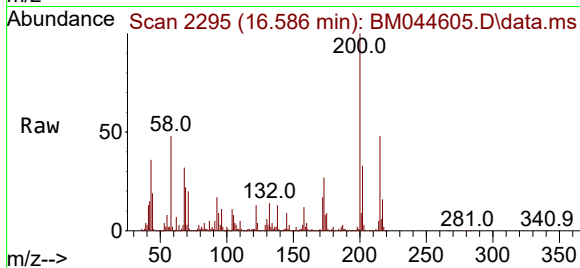
Tgt Ion:200 Resp: 379025

Ion Ratio Lower Upper

200 100

173 27.1 7.7 47.7

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 97.916 ng

RT: 16.751 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

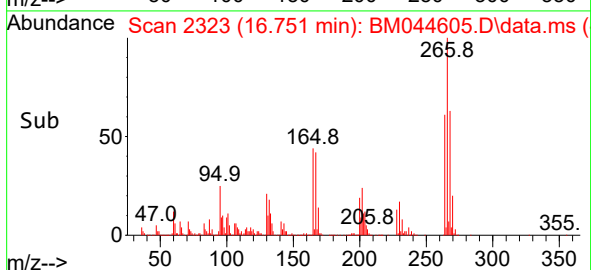
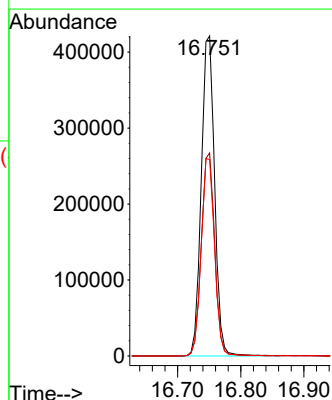
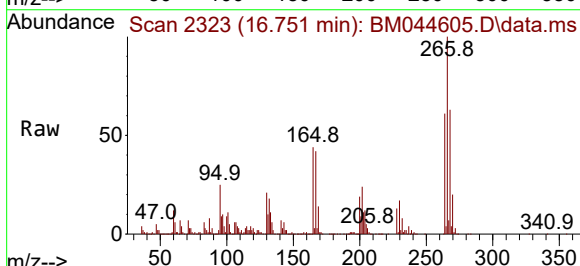
Tgt Ion:266 Resp: 615616

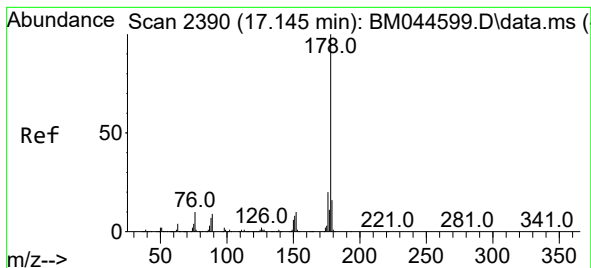
Ion Ratio Lower Upper

266 100

268 63.5 52.4 78.6

264 61.4 49.8 74.8





#71

Phenanthrene

Concen: 47.545 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

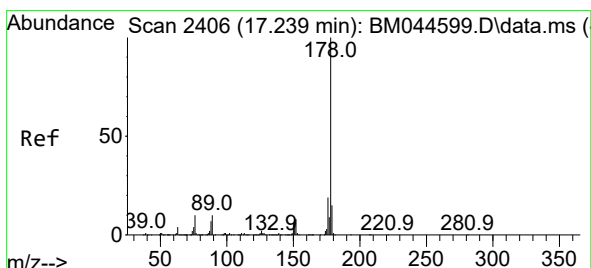
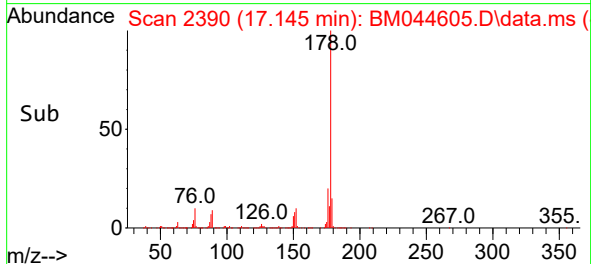
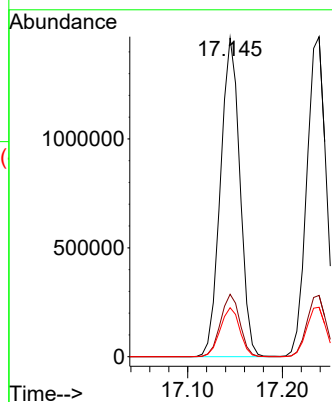
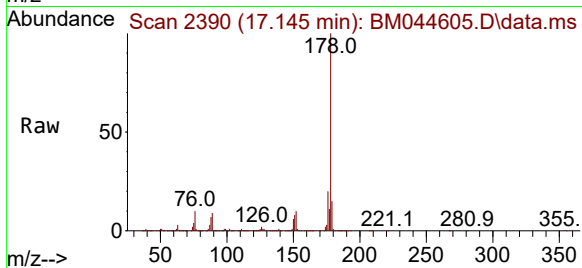
Tgt Ion:178 Resp: 2088651

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 47.878 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

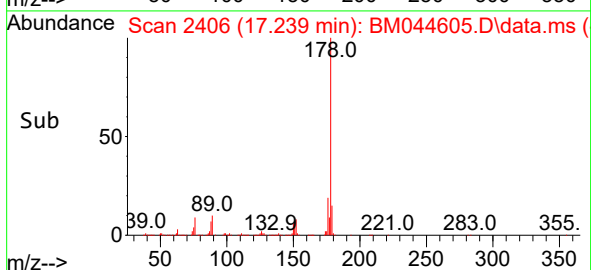
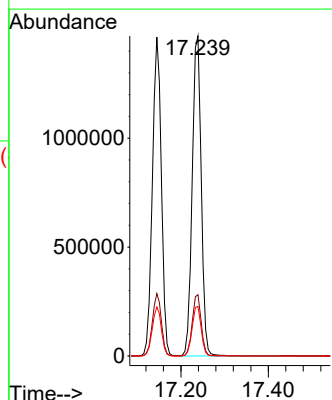
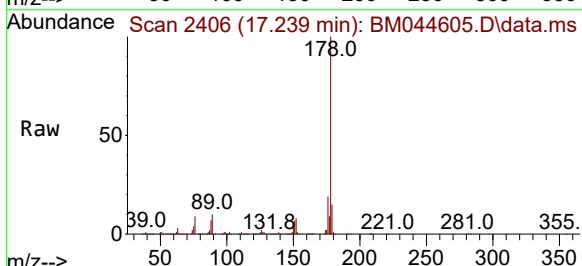
Tgt Ion:178 Resp: 2109480

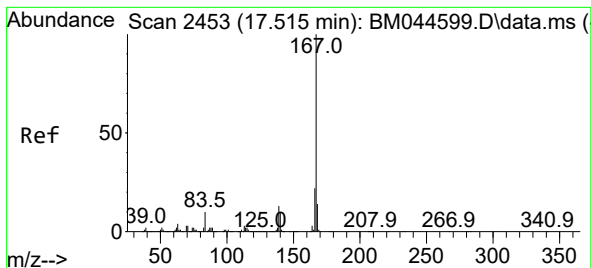
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.2 18.4





#73

Carbazole

Concen: 47.445 ng

RT: 17.515 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

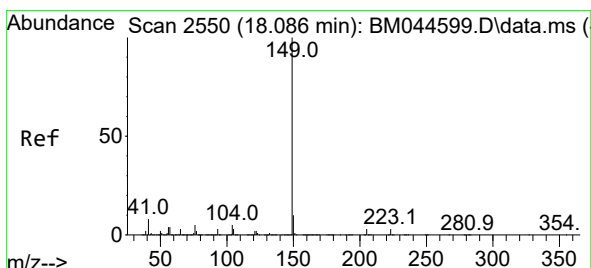
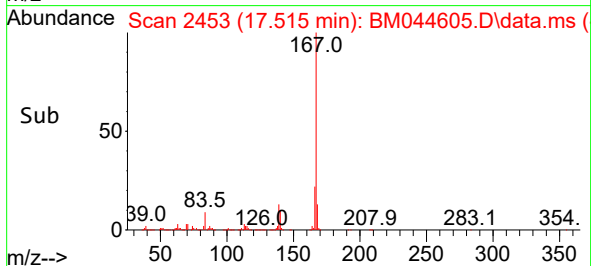
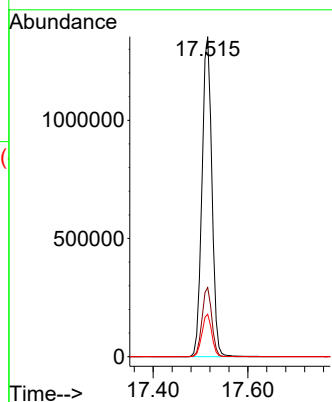
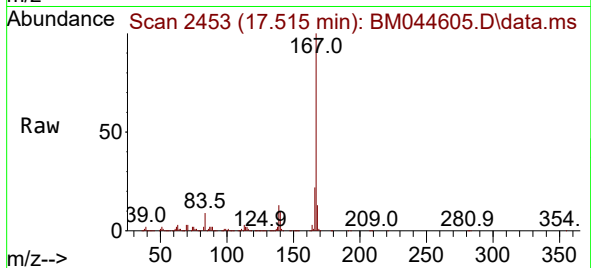
Tgt Ion:167 Resp: 1968818

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.720 ng

RT: 18.086 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

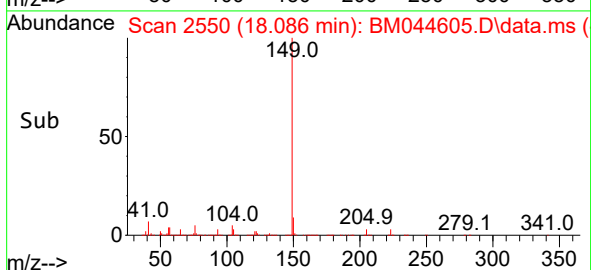
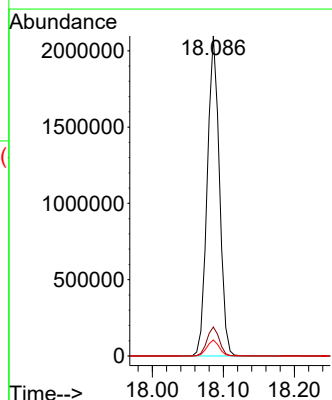
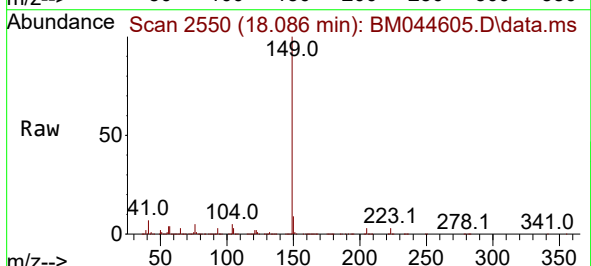
Tgt Ion:149 Resp: 2498122

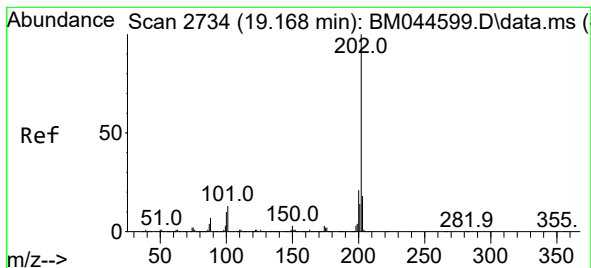
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 44.578 ng

RT: 19.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

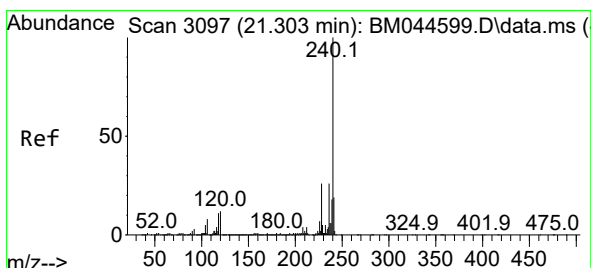
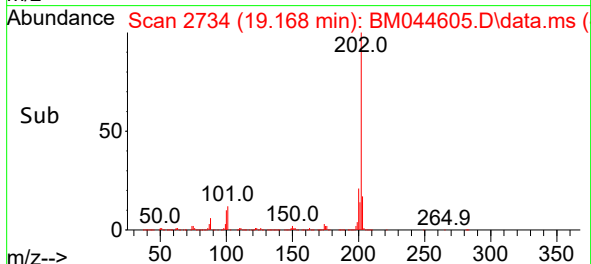
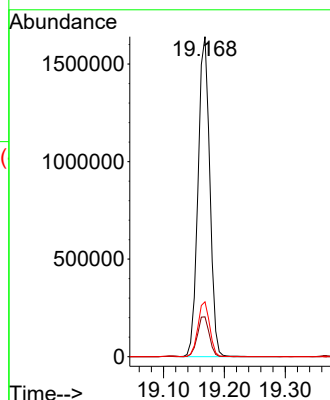
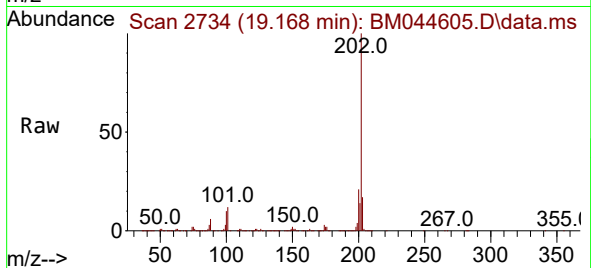
Tgt Ion:202 Resp: 2189095

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.3

203 17.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.297 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

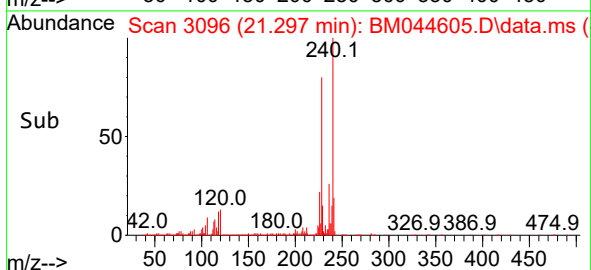
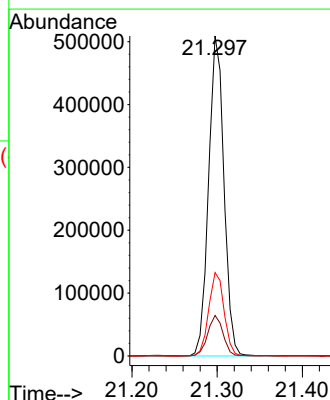
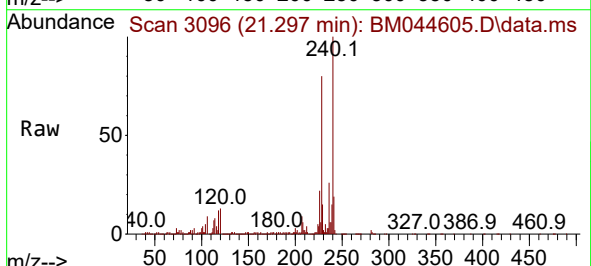
Tgt Ion:240 Resp: 636947

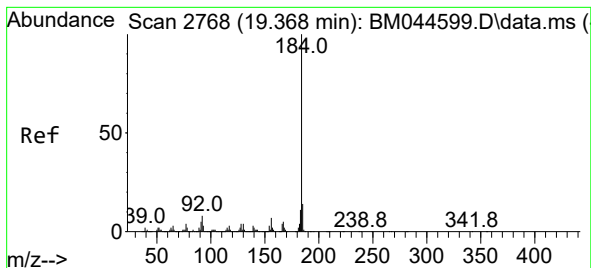
Ion Ratio Lower Upper

240 100

120 12.6 9.7 14.5

236 26.1 21.0 31.4





#77

Benzidine

Concen: 53.529 ng

RT: 19.368 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

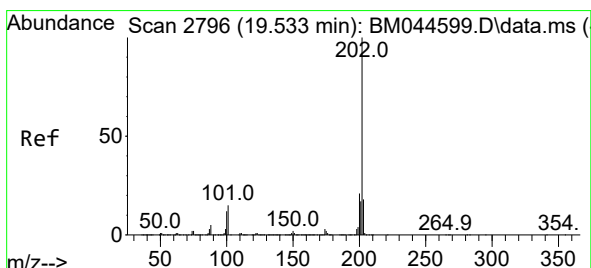
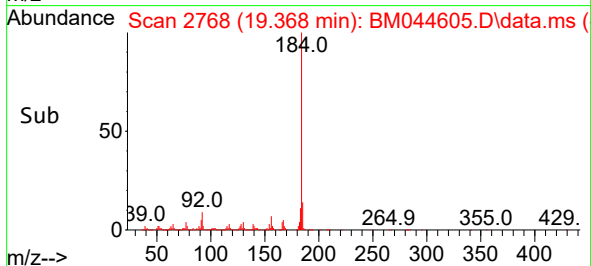
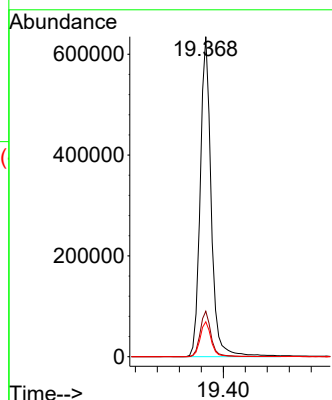
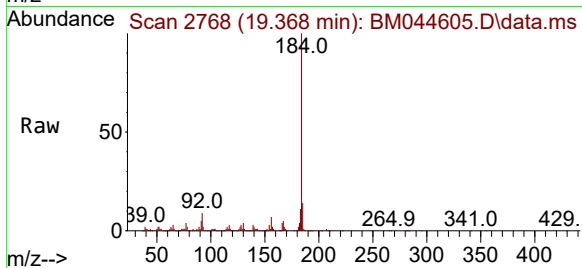
Tgt Ion:184 Resp: 881203

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 10.9 8.7 13.1



#78

Pyrene

Concen: 49.234 ng

RT: 19.533 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

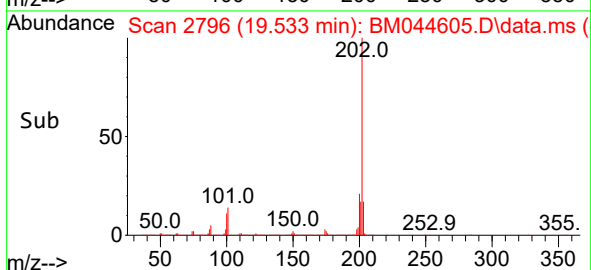
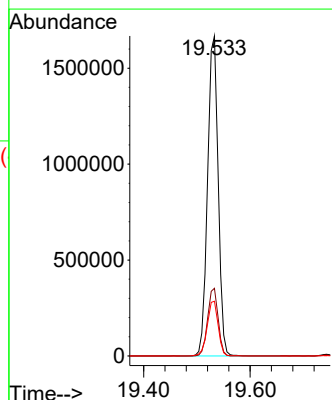
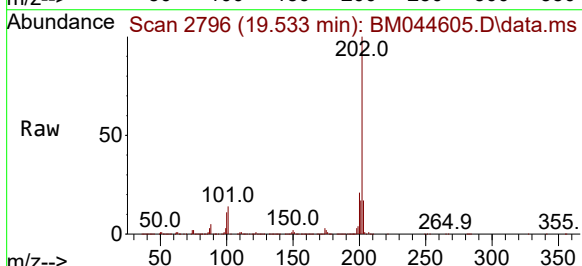
Tgt Ion:202 Resp: 2298414

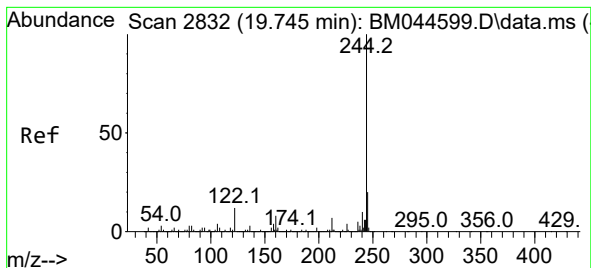
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 91.835 ng

RT: 19.745 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

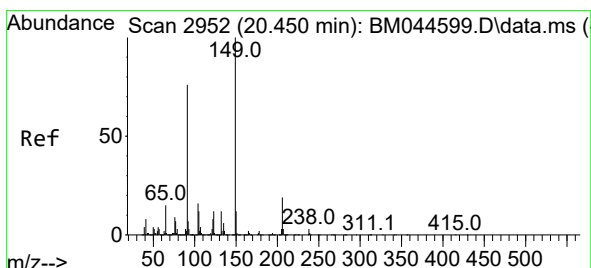
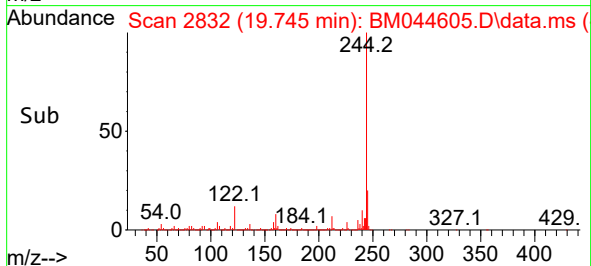
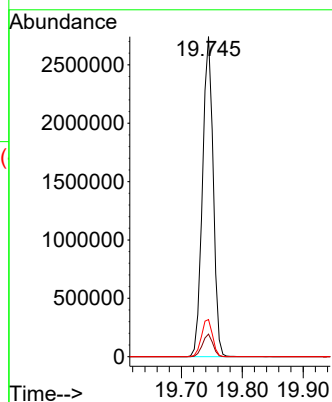
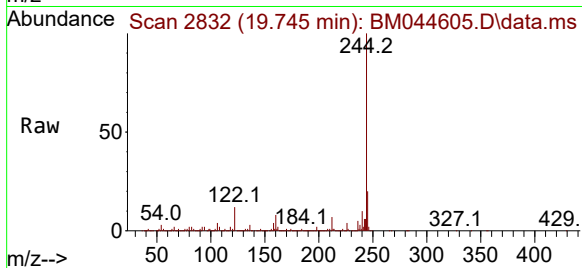
Tgt Ion:244 Resp: 3343767

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.6 9.7 14.5



#80

Butylbenzylphthalate

Concen: 49.060 ng

RT: 20.450 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

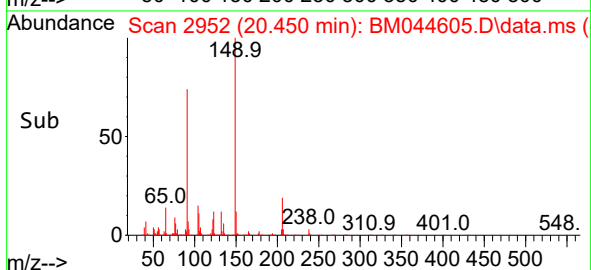
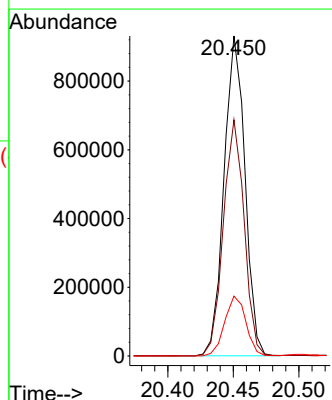
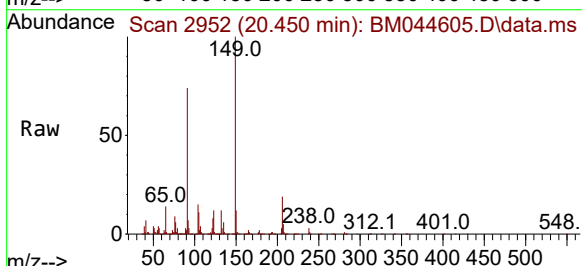
Tgt Ion:149 Resp: 1032187

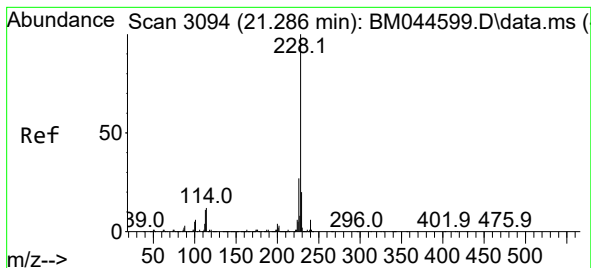
Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.6

206 18.7 15.0 22.6





#81

Benzo(a)anthracene

Concen: 48.017 ng

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

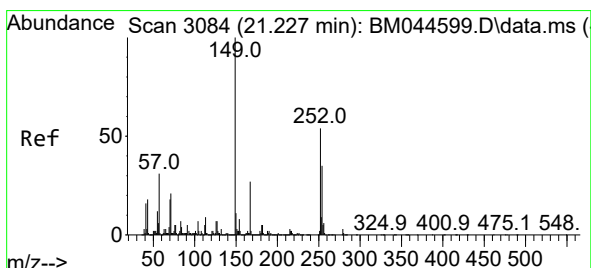
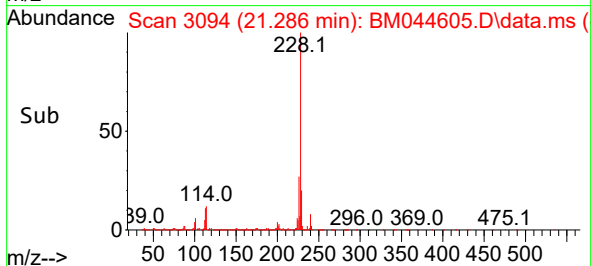
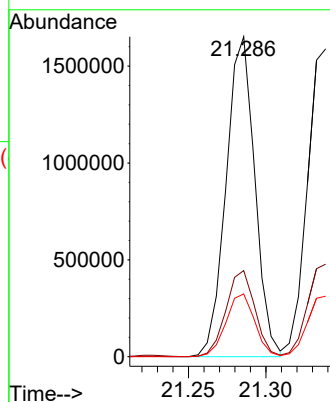
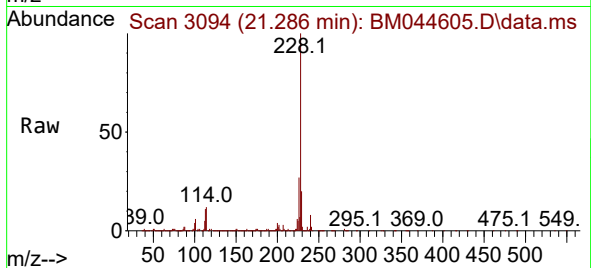
Tgt Ion:228 Resp: 2128039

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 38.665 ng

RT: 21.227 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

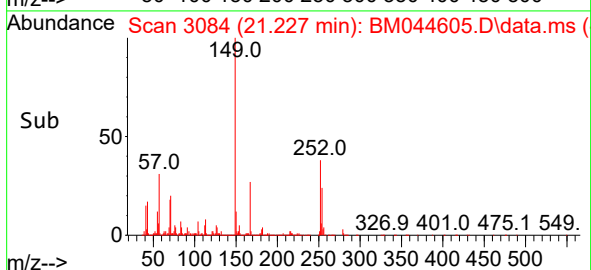
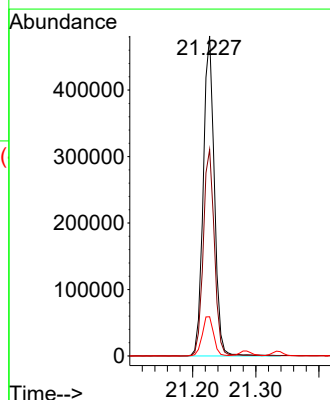
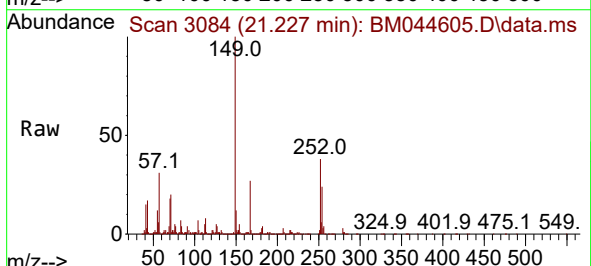
Tgt Ion:252 Resp: 590176

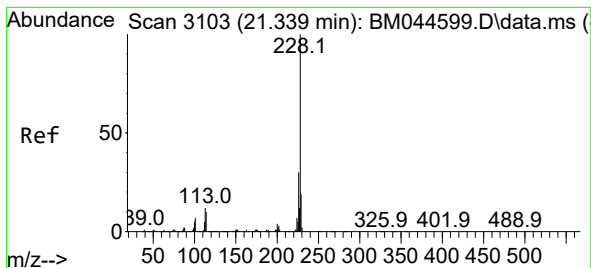
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 12.2 9.8 14.6





#83

Chrysene

Concen: 47.812 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

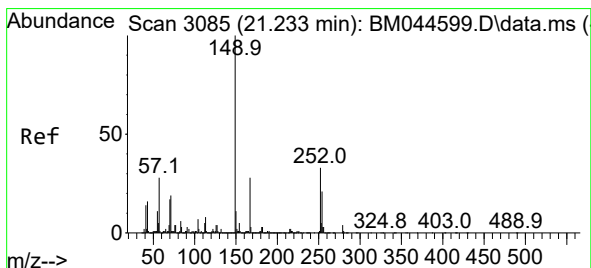
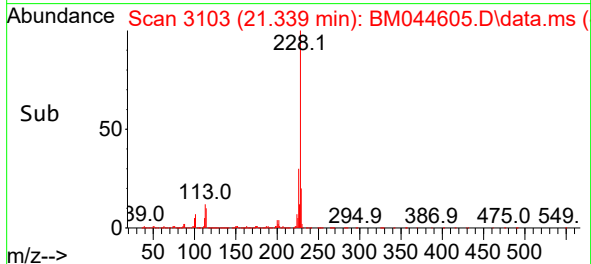
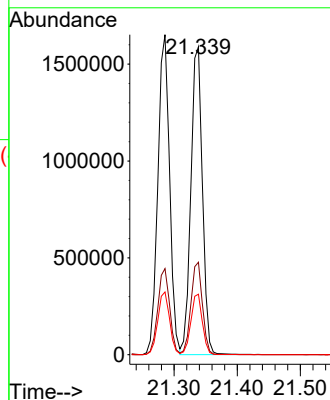
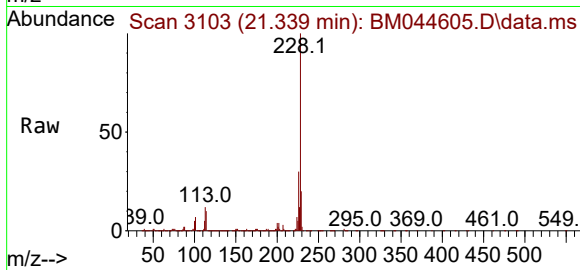
Tgt Ion:228 Resp: 2024819

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.161 ng

RT: 21.233 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

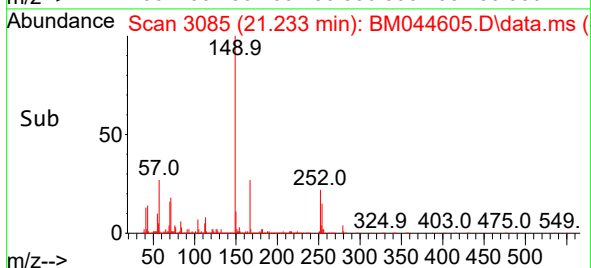
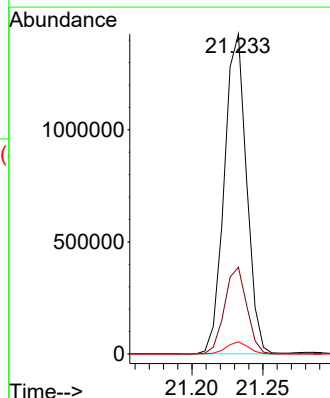
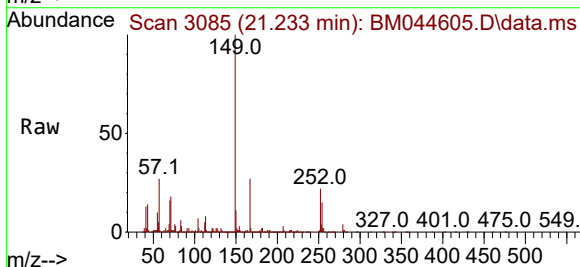
Tgt Ion:149 Resp: 1558232

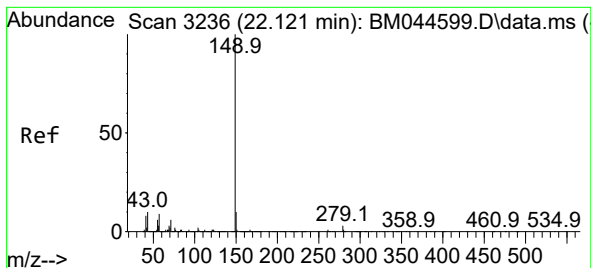
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 48.675 ng

RT: 22.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

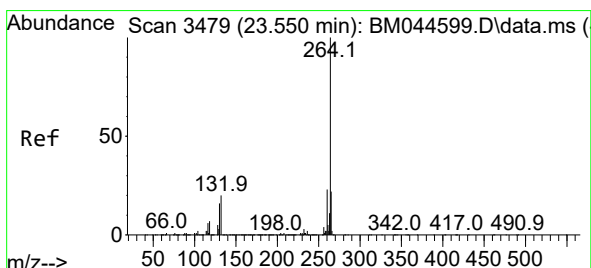
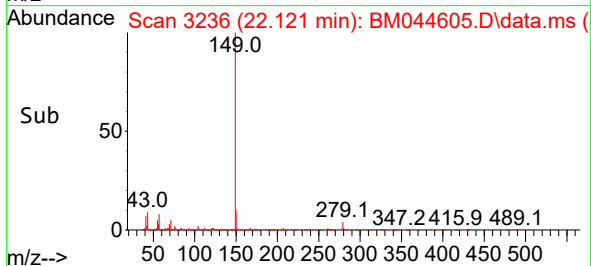
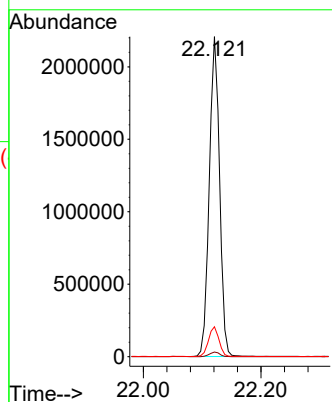
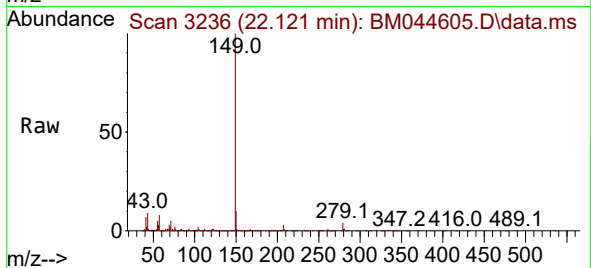
Tgt Ion:149 Resp: 2676176

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.544 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

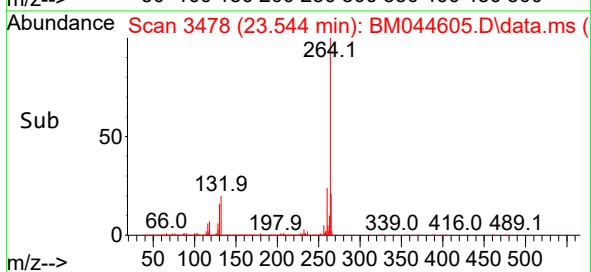
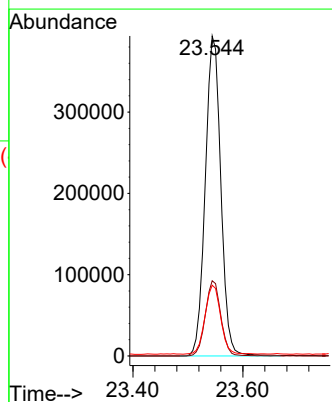
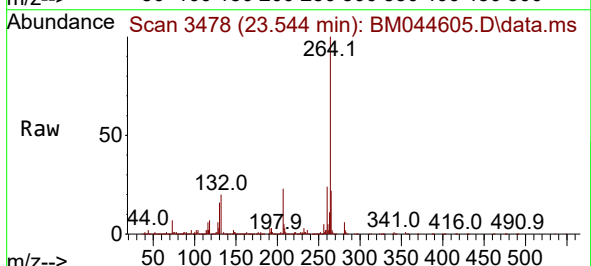
Tgt Ion:264 Resp: 772733

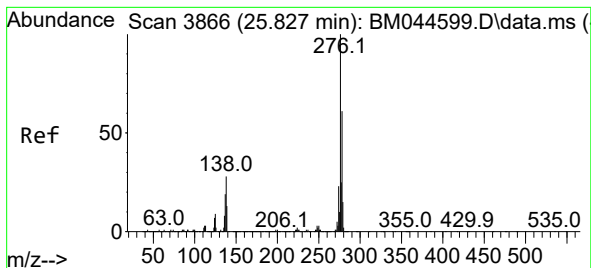
Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.108 ng

RT: 25.827 min Scan# 3866

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

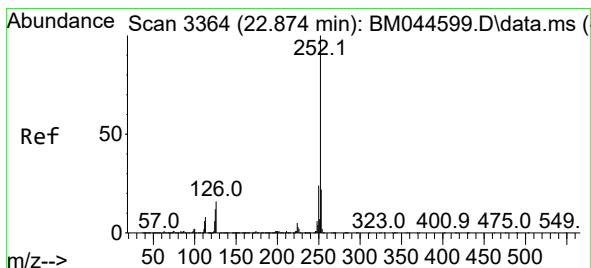
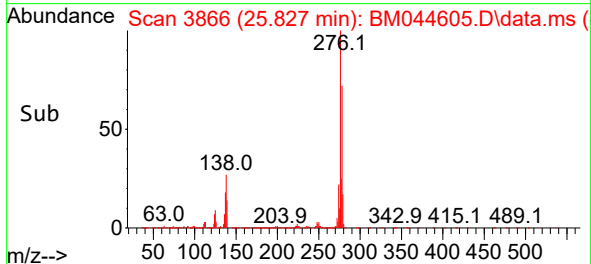
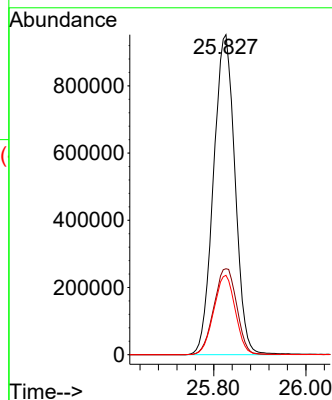
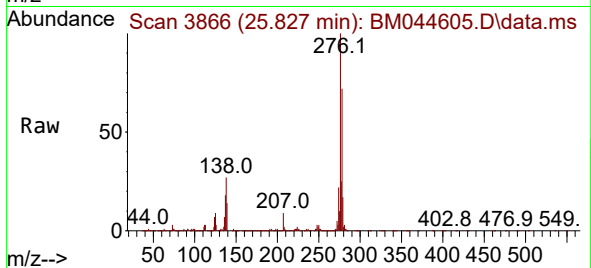
Tgt Ion:276 Resp: 3078434

Ion Ratio Lower Upper

276 100

138 28.7 23.6 35.4

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.844 ng

RT: 22.874 min Scan# 3364

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

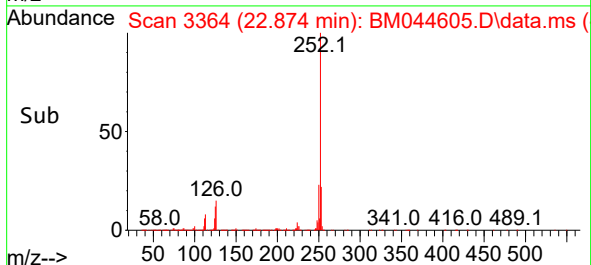
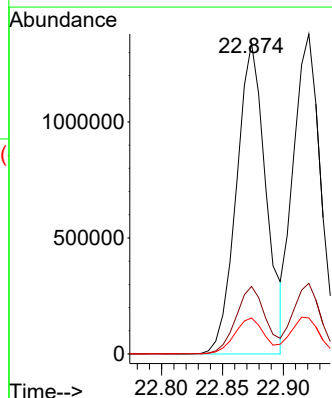
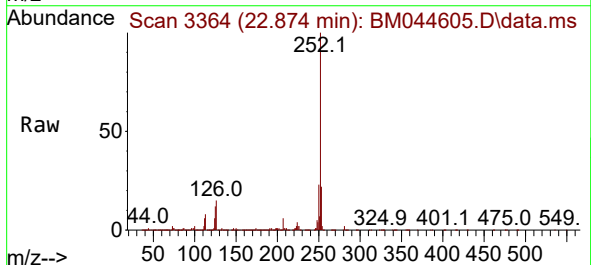
Tgt Ion:252 Resp: 2263499

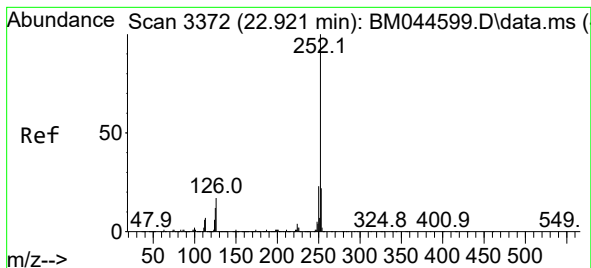
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 11.6 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 46.193 ng

RT: 22.921 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

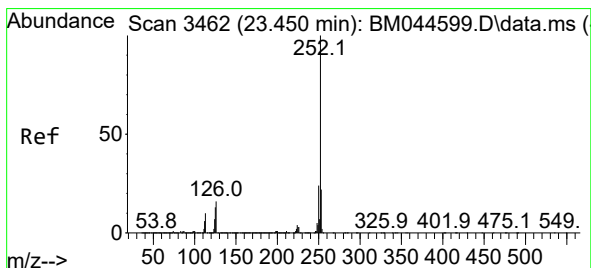
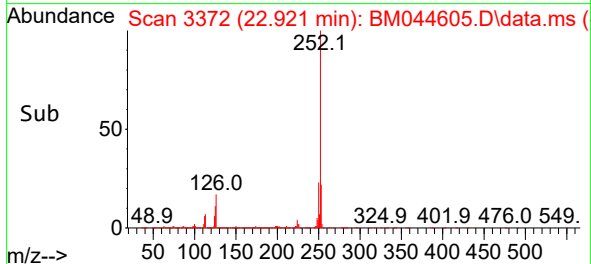
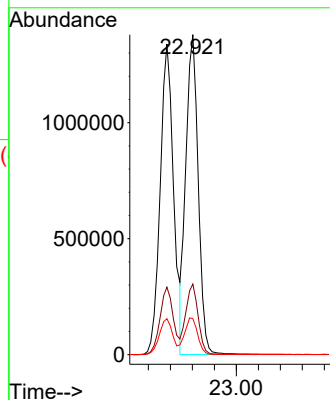
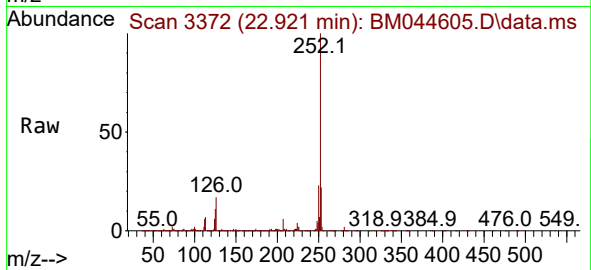
Tgt Ion:252 Resp: 2156493

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.3 9.4 14.0



#90

Benzo(a)pyrene

Concen: 48.264 ng

RT: 23.450 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

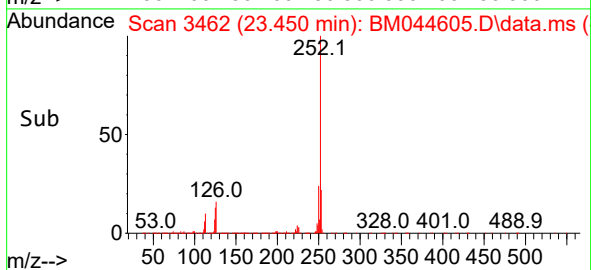
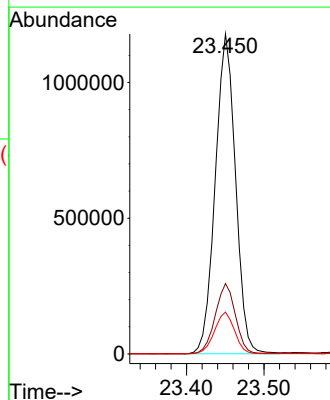
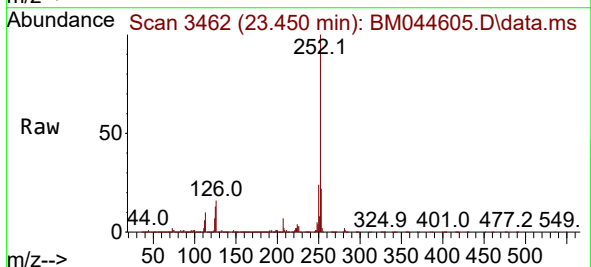
Tgt Ion:252 Resp: 2137733

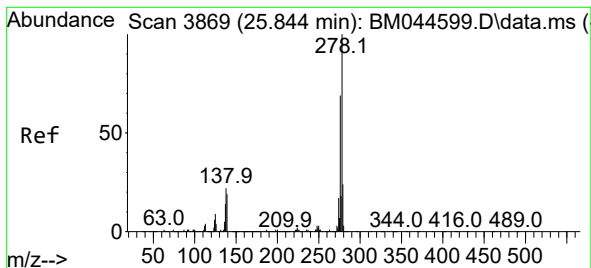
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 13.1 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 53.464 ng

RT: 25.838 min Scan# 391

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Instrument :

BNA_M

ClientSampleId :

PB159537BS

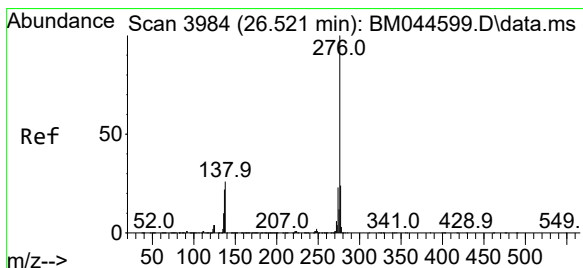
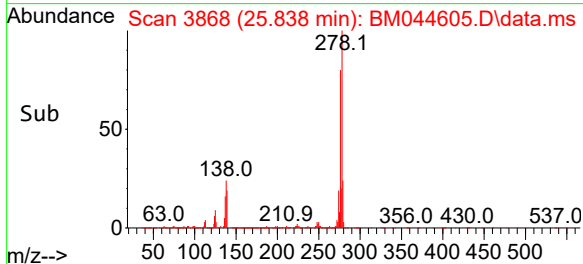
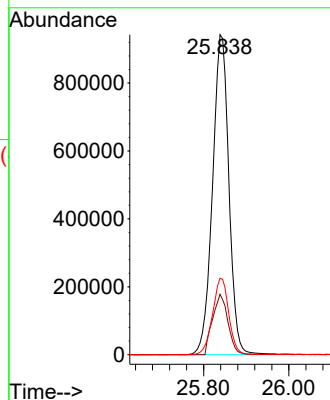
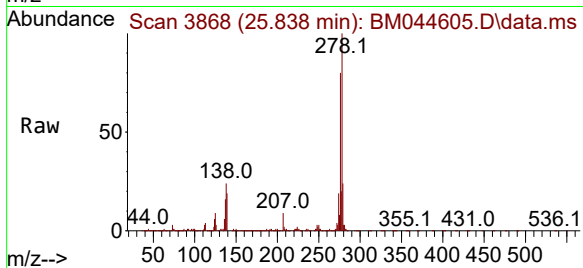
Tgt Ion:278 Resp: 2517833

Ion Ratio Lower Upper

278 100

139 18.8 15.0 22.6

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 52.575 ng

RT: 26.515 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BM044605.D

Acq: 13 Mar 2024 19:48

Tgt Ion:276 Resp: 2437288

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 25.7 20.7 31.1

