

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044606.D
 Acq On : 13 Mar 2024 20:24
 Operator : MA/JU
 Sample : PB159537BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

Quant Time: Mar 14 02:39:26 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	232575	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	900664	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	477729	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	839398	20.000	ng	0.00
76) Chrysene-d12	21.298	240	664856	20.000	ng	0.00
86) Perylene-d12	23.544	264	798921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1501410	92.688	ng	0.00
7) Phenol-d6	6.881	99	1815008	87.095	ng	0.00
23) Nitrobenzene-d5	8.863	82	1575711	84.283	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	460561	87.407	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3032617	87.425	ng	0.00
79) Terphenyl-d14	19.745	244	3447446	90.708	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	264989	38.920	ng	98
3) Pyridine	3.669	79	670592	35.615	ng	98
4) n-Nitrosodimethylamine	3.593	42	337276	44.698	ng	99
6) Aniline	7.046	93	613222	24.845	ng	99
8) 2-Chlorophenol	7.269	128	791792	49.075	ng	98
9) Benzaldehyde	6.863	77	203490	18.644	ng	99
10) Phenol	6.904	94	998033	47.953	ng	98
11) bis(2-Chloroethyl)ether	7.146	93	794243	46.740	ng	97
12) 1,3-Dichlorobenzene	7.587	146	848810	48.927	ng	99
13) 1,4-Dichlorobenzene	7.740	146	857232	49.027	ng	99
14) 1,2-Dichlorobenzene	8.045	146	818366	49.079	ng	99
15) Benzyl Alcohol	7.951	79	630735	46.036	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	1089339	46.237	ng	98
17) 2-Methylphenol	8.145	107	624536	44.000	ng	98
18) Hexachloroethane	8.763	117	322634	49.913	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	562663	44.211	ng	98
20) 3+4-Methylphenols	8.469	107	842464	43.982	ng	96
22) Acetophenone	8.528	105	1103617	46.641	ng	# 99
24) Nitrobenzene	8.910	77	829403	44.880	ng	98
25) Isophorone	9.428	82	1500328	46.512	ng	98
26) 2-Nitrophenol	9.610	139	398144	49.927	ng	97
27) 2,4-Dimethylphenol	9.669	122	532247	37.953	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	974132	45.477	ng	98
29) 2,4-Dichlorophenol	10.134	162	646627	48.379	ng	99
30) 1,2,4-Trichlorobenzene	10.345	180	690812	48.583	ng	100
31) Naphthalene	10.534	128	2273578	45.997	ng	100
32) Benzoic acid	9.810	122	480546	43.318	ng	99
33) 4-Chloroaniline	10.657	127	280539	13.529	ng	99
34) Hexachlorobutadiene	10.804	225	382933	48.301	ng	99
35) Caprolactam	11.451	113	102824	23.849	ng	92
36) 4-Chloro-3-methylphenol	11.781	107	660293	45.020	ng	98
37) 2-Methylnaphthalene	12.151	142	1462072	43.580	ng	99
38) 1-Methylnaphthalene	12.375	142	1354759	43.328	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	667953	49.270	ng	99
41) Hexachlorocyclopentadiene	12.492	237	887685	114.938	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	451755	49.350	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044606.D
 Acq On : 13 Mar 2024 20:24
 Operator : MA/JU
 Sample : PB159537BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

Quant Time: Mar 14 02:39:26 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

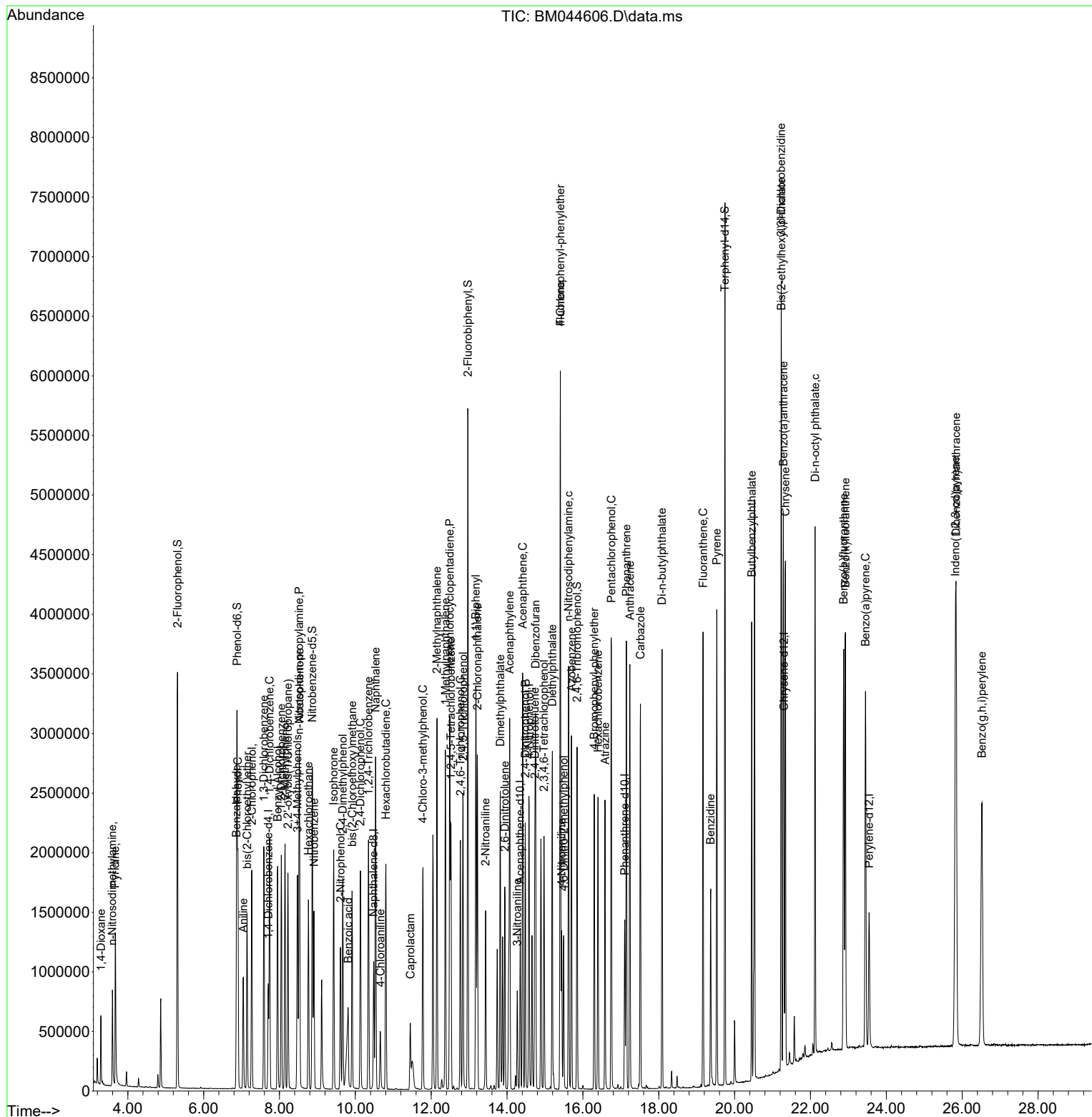
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	486143	44.819	ng	98
46) 1,1'-Biphenyl	13.175	154	1774034	47.480	ng	99
47) 2-Chloronaphthalene	13.216	162	1358558	49.171	ng	99
48) 2-Nitroaniline	13.433	65	419733	44.773	ng	98
49) Acenaphthylene	14.069	152	2213023	49.168	ng	100
50) Dimethylphthalate	13.822	163	1585645	44.375	ng	100
51) 2,6-Dinitrotoluene	13.945	165	338558	45.498	ng	94
52) Acenaphthene	14.410	154	1236222	45.436	ng	99
53) 3-Nitroaniline	14.269	138	207101	23.768	ng	100
54) 2,4-Dinitrophenol	14.480	184	428738	87.610	ng	96
55) Dibenzofuran	14.751	168	1931990	44.740	ng	99
56) 4-Nitrophenol	14.580	139	649439	90.753	ng	94
57) 2,4-Dinitrotoluene	14.733	165	450086	46.292	ng	98
58) Fluorene	15.404	166	1490535	44.325	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	377986	44.884	ng	99
60) Diethylphthalate	15.192	149	1584013	43.790	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	712324	44.124	ng	99
62) 4-Nitroaniline	15.439	138	358479	41.186	ng	97
63) Azobenzene	15.698	77	1685326	45.073	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	253267	48.112	ng	98
66) n-Nitrosodiphenylamine	15.621	169	1277141	48.819	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	421993	48.604	ng	98
68) Hexachlorobenzene	16.398	284	481430	52.163	ng	96
69) Atrazine	16.586	200	398998	48.809	ng	97
70) Pentachlorophenol	16.751	266	638832	96.227	ng	98
71) Phenanthrene	17.145	178	2181135	47.020	ng	100
72) Anthracene	17.239	178	2204372	47.382	ng	100
73) Carbazole	17.515	167	2050365	46.793	ng	100
74) Di-n-butylphthalate	18.086	149	2619282	46.391	ng	99
75) Fluoranthene	19.168	202	2285830	44.082	ng	99
77) Benzidine	19.368	184	944084	54.942	ng	100
78) Pyrene	19.527	202	2392049	49.089	ng	100
80) Butylbenzylphthalate	20.451	149	1083552	49.340	ng	97
81) Benzo(a)anthracene	21.286	228	2225547	48.109	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	623589	39.139	ng	98
83) Chrysene	21.339	228	2114045	47.824	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	1631504	49.312	ng	99
85) Di-n-octyl phthalate	22.121	149	2799980	48.789	ng	99
87) Indeno(1,2,3-cd)pyrene	25.821	276	3112960	53.900	ng	99
88) Benzo(b)fluoranthene	22.874	252	2344256	49.930	ng	99
89) Benzo(k)fluoranthene	22.921	252	2226658	46.133	ng	99
90) Benzo(a)pyrene	23.450	252	2199376	48.028	ng	100
91) Dibenzo(a,h)anthracene	25.838	278	2564749	52.675	ng	100
92) Benzo(g,h,i)perylene	26.521	276	2494490	52.045	ng	98

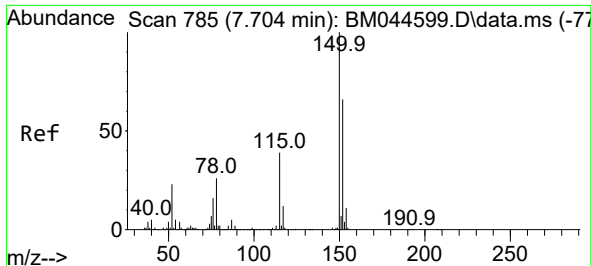
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044606.D
 Acq On : 13 Mar 2024 20:24
 Operator : MA/JU
 Sample : PB159537BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

Quant Time: Mar 14 02:39:26 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

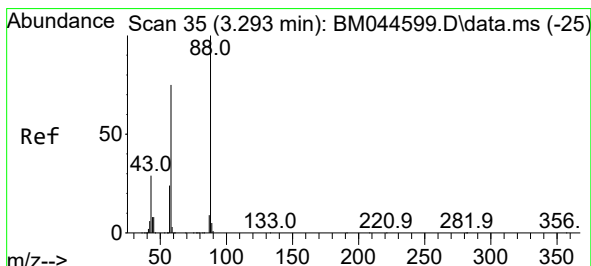
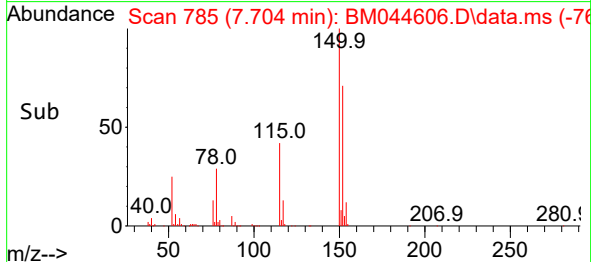
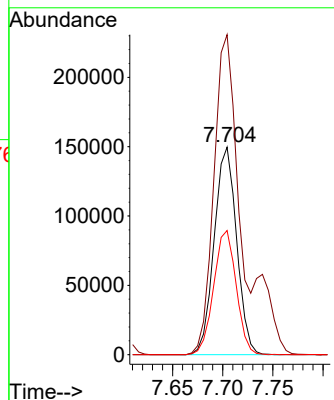
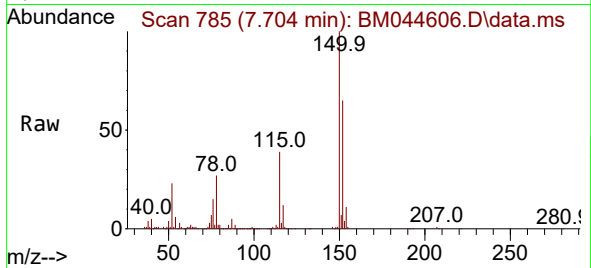




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.704 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

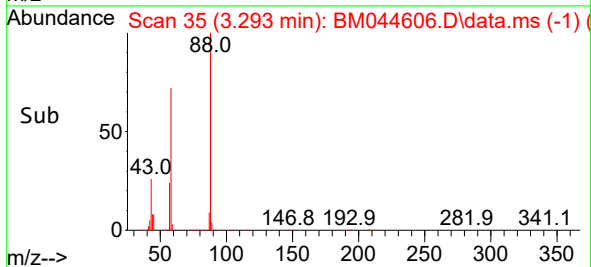
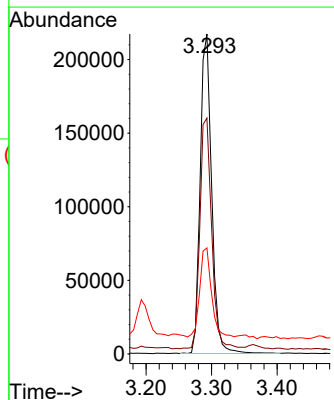
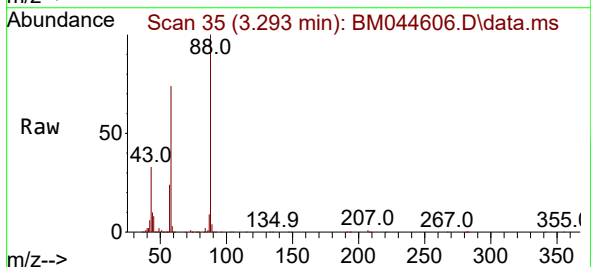
Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

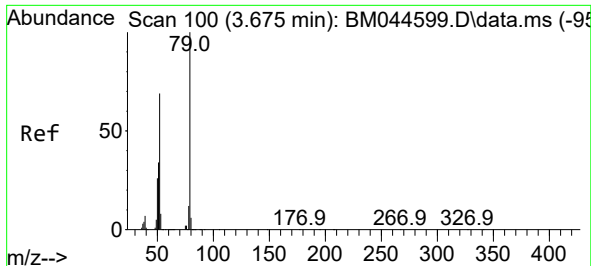
Tgt Ion:152 Resp: 232575
 Ion Ratio Lower Upper
 152 100
 150 154.2 121.9 182.9
 115 59.8 47.1 70.7



#2
 1,4-Dioxane
 Concen: 38.920 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

Tgt Ion: 88 Resp: 264989
 Ion Ratio Lower Upper
 88 100
 58 73.5 60.2 90.2
 43 28.9 23.5 35.3

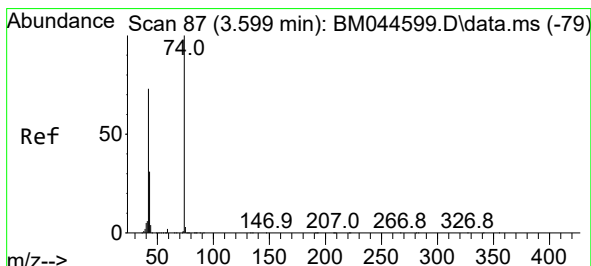
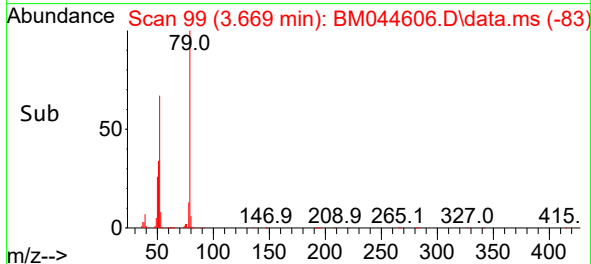
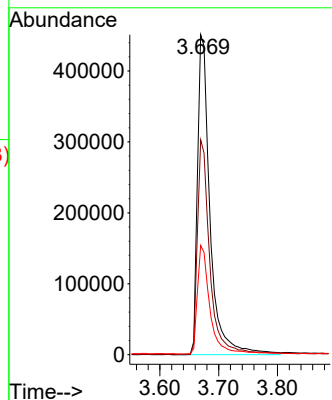
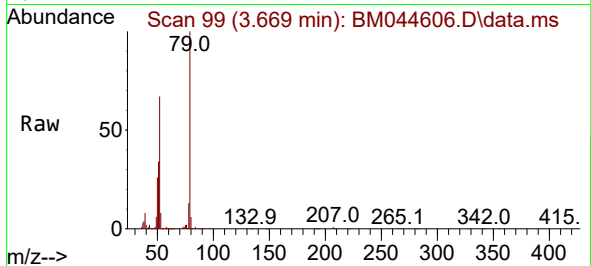




#3
Pyridine
Concen: 35.615 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

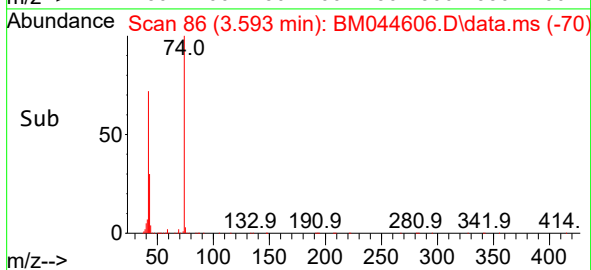
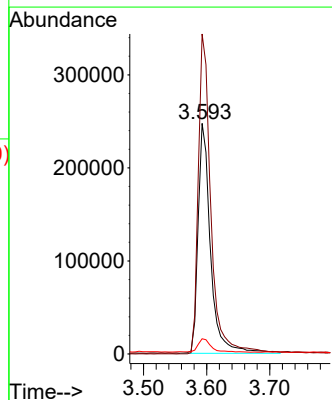
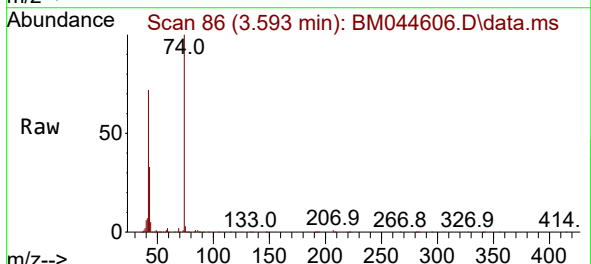
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

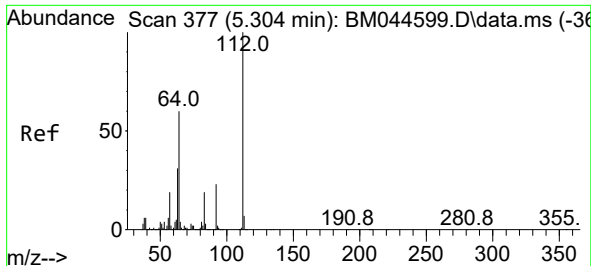
Tgt Ion: 79 Resp: 670592
Ion Ratio Lower Upper
79 100
52 67.1 55.5 83.3
51 34.2 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 44.698 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 42 Resp: 337276
Ion Ratio Lower Upper
42 100
74 138.8 109.7 164.5
44 6.6 5.4 8.0

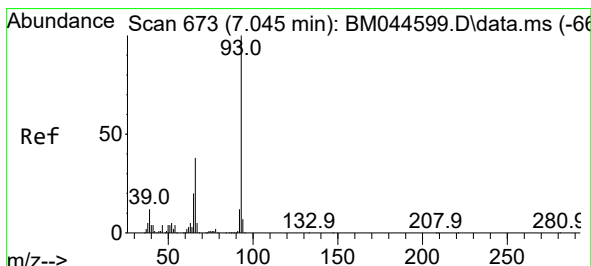
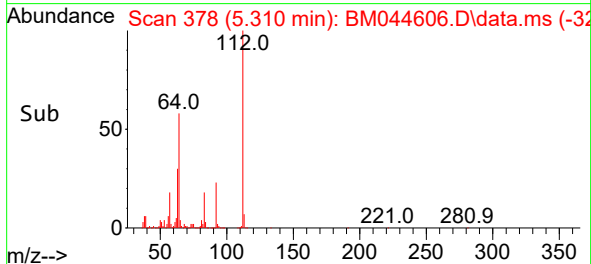
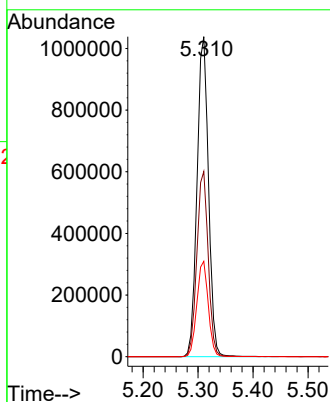
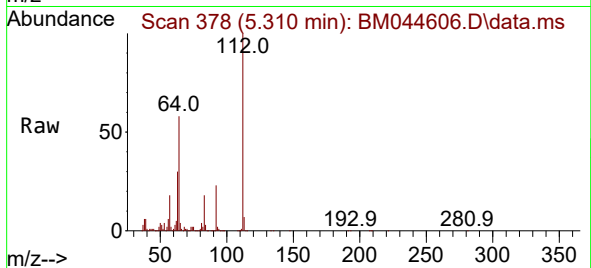




#5
2-Fluorophenol
Concen: 92.688 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

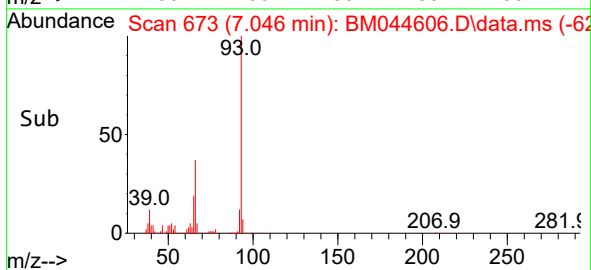
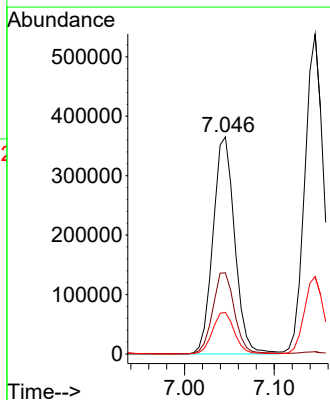
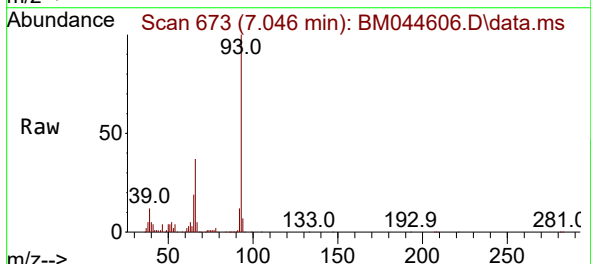
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

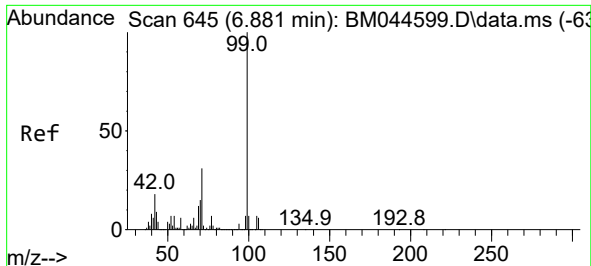
Tgt Ion:112 Resp: 1501410
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 29.8 25.0 37.4



#6
Aniline
Concen: 24.845 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 93 Resp: 613222
Ion Ratio Lower Upper
93 100
66 37.4 30.3 45.5
65 19.2 15.7 23.5

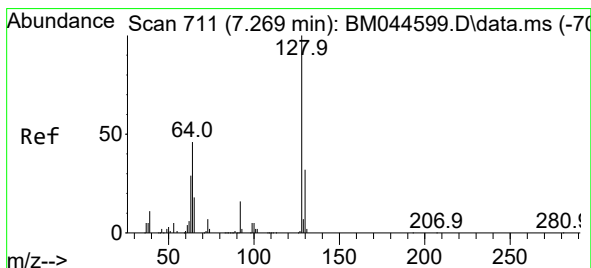
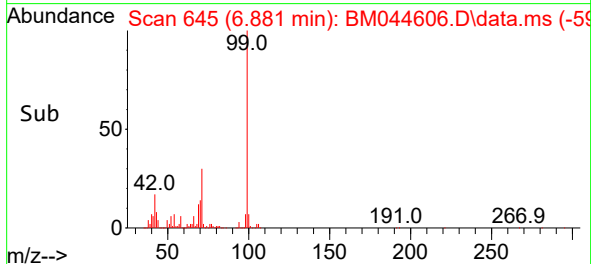
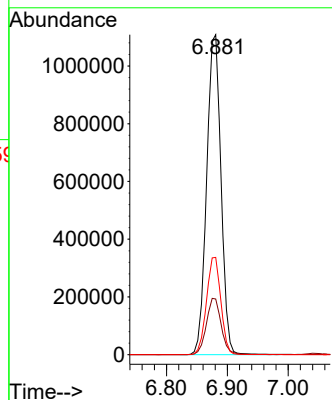
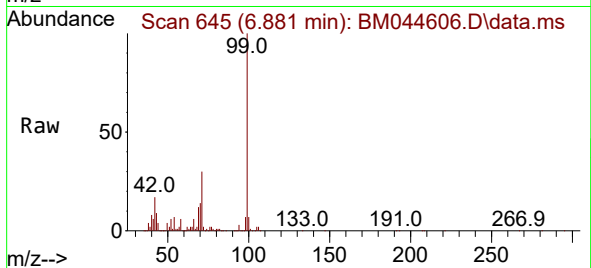




#7
Phenol-d6
Concen: 87.095 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

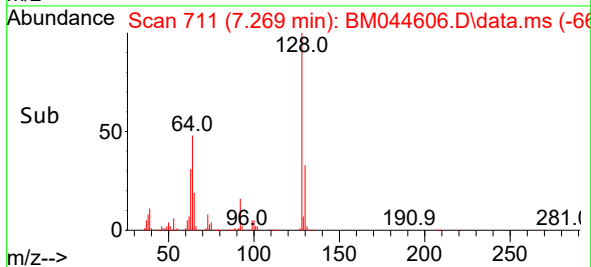
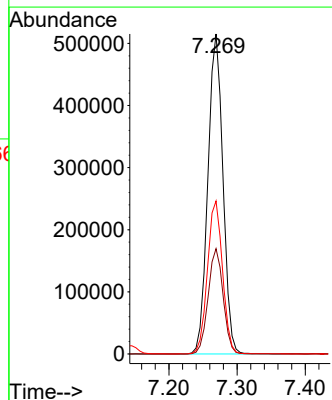
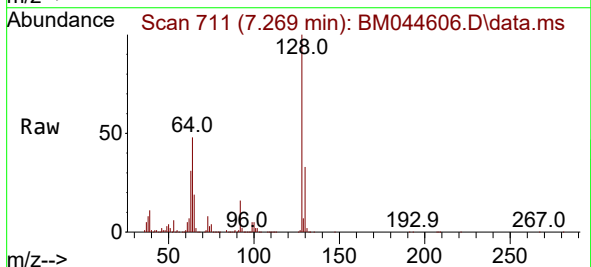
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

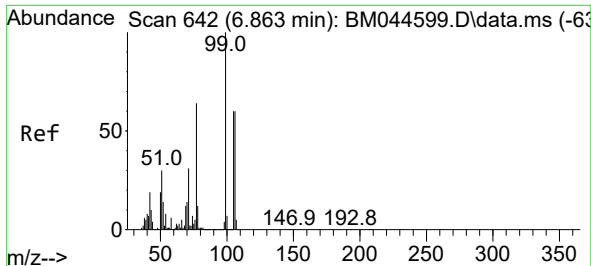
Tgt Ion: 99 Resp: 1815008
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 30.4 24.5 36.7



#8
2-Chlorophenol
Concen: 49.075 ng
RT: 7.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 128 Resp: 791792
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 47.8 29.4 69.4

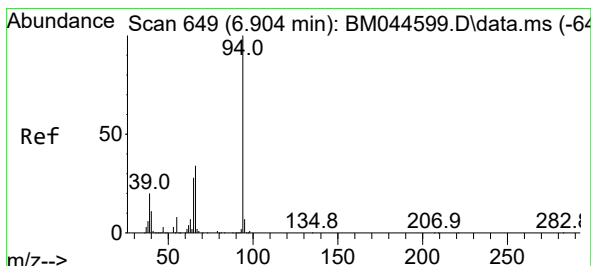
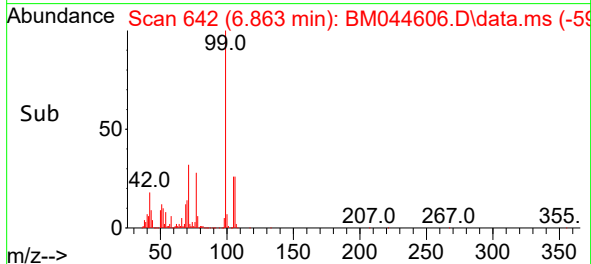
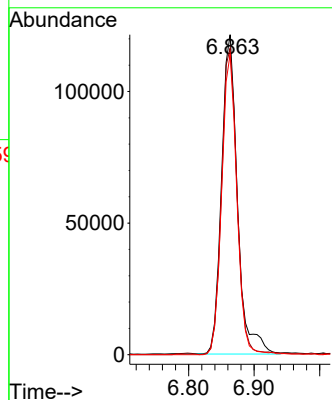
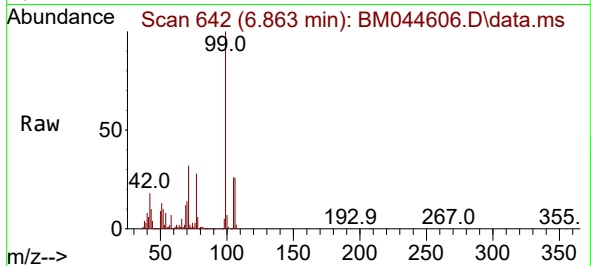




#9
Benzaldehyde
Concen: 18.644 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

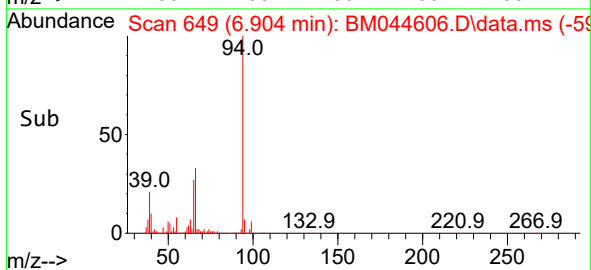
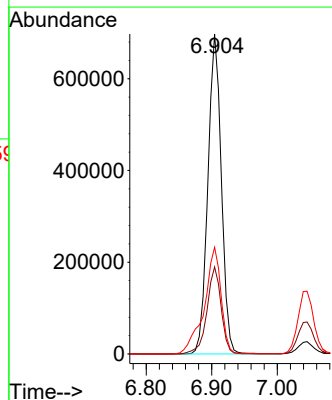
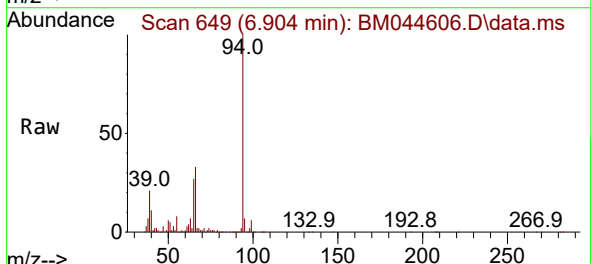
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

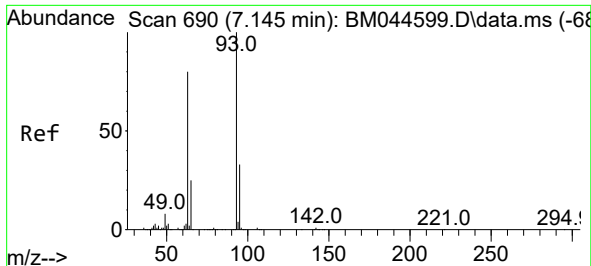
Tgt Ion: 77 Resp: 203490
Ion Ratio Lower Upper
77 100
105 95.8 74.4 114.4
106 93.9 74.1 114.1



#10
Phenol
Concen: 47.953 ng
RT: 6.904 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 94 Resp: 998033
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 33.4 14.7 54.7

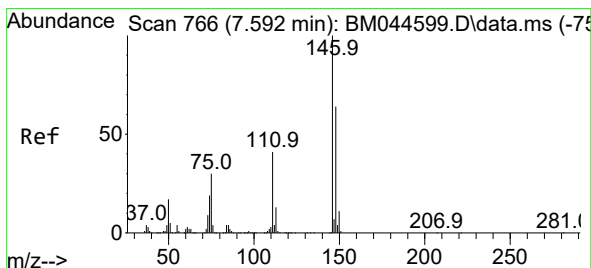
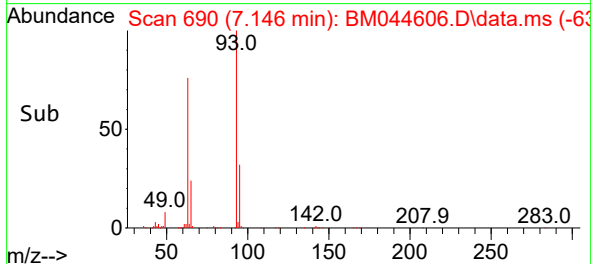
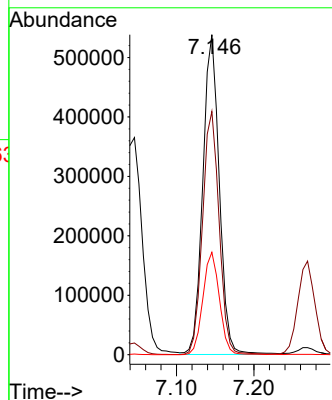
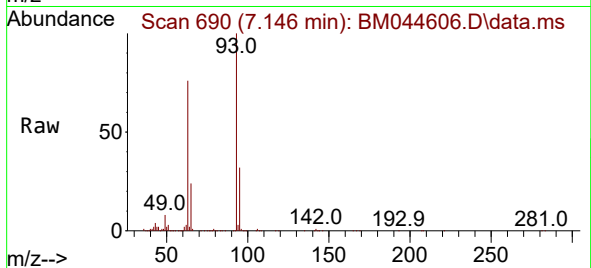




#11
bis(2-Chloroethyl)ether
Concen: 46.740 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

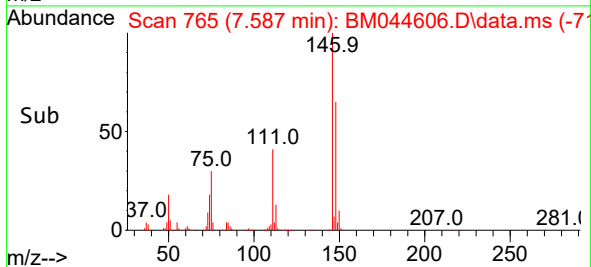
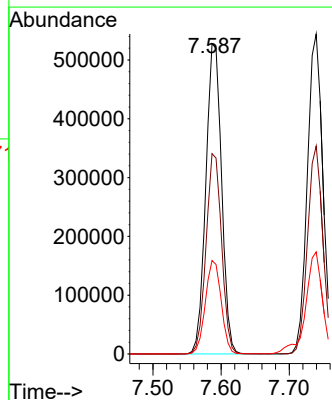
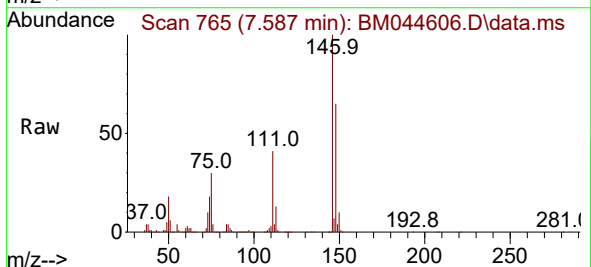
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

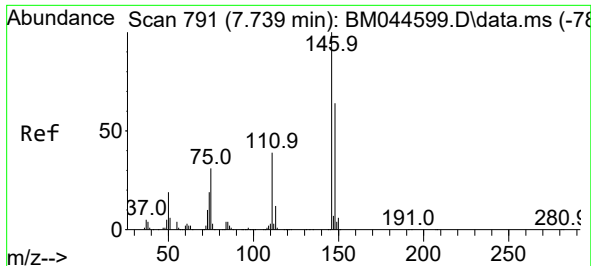
Tgt Ion: 93 Resp: 794243
Ion Ratio Lower Upper
93 100
63 76.0 59.8 99.8
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.927 ng
RT: 7.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 146 Resp: 848810
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 30.1 24.1 36.1

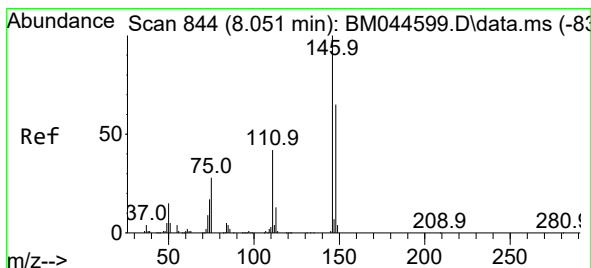
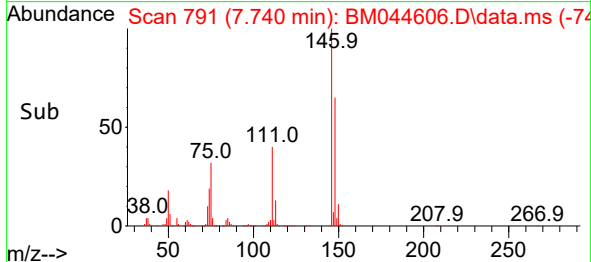
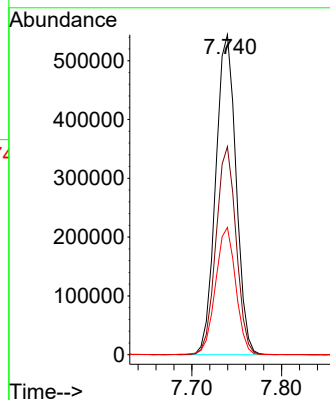
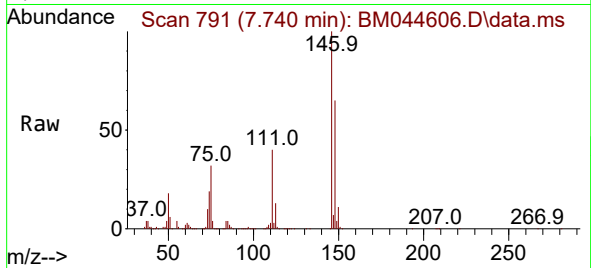




#13
1,4-Dichlorobenzene
Concen: 49.027 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

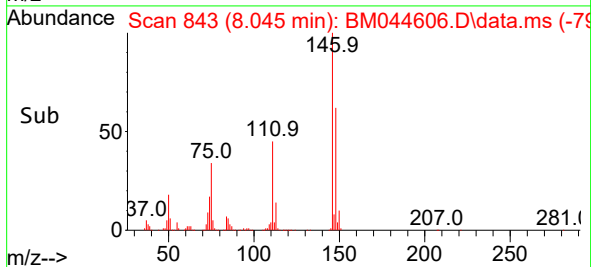
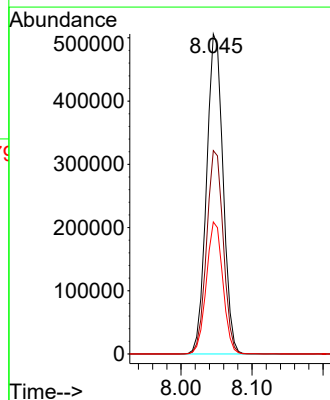
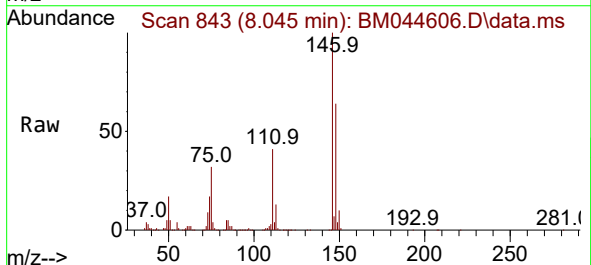
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

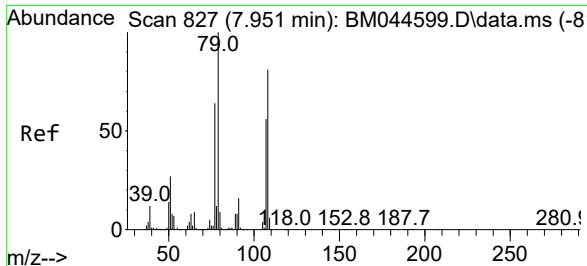
Tgt Ion:146 Resp: 857232
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 39.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 49.079 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:146 Resp: 818366
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 41.2 33.4 50.2

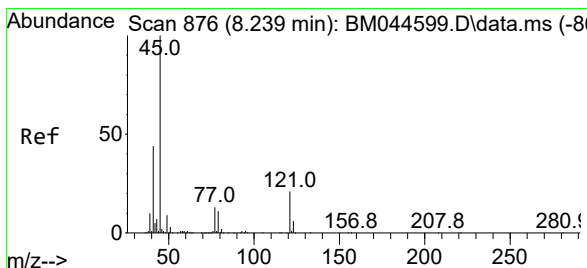
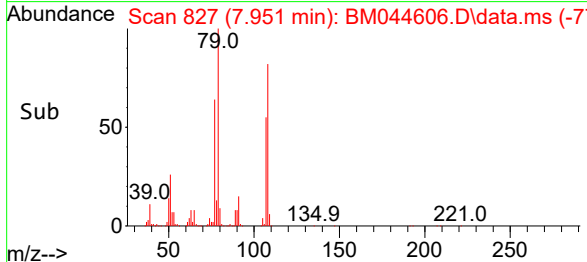
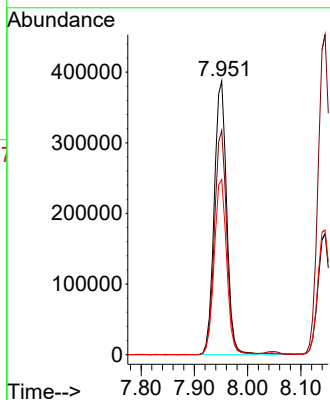
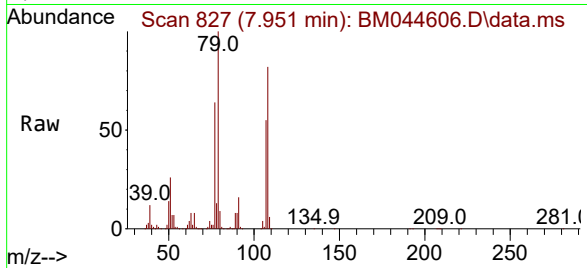




#15
Benzyl Alcohol
Concen: 46.036 ng
RT: 7.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

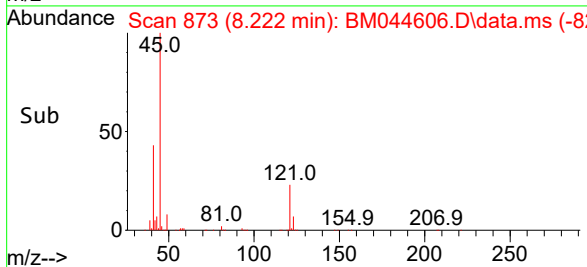
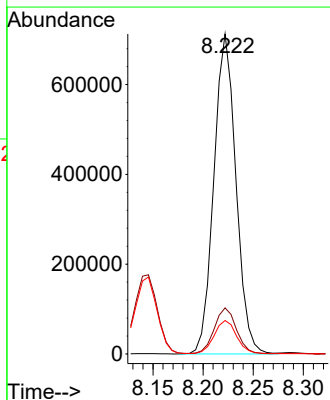
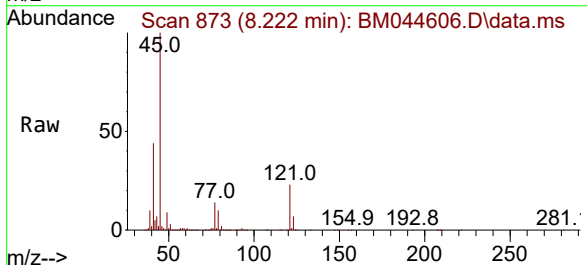
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

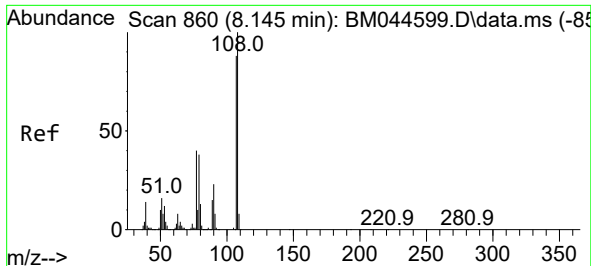
Tgt Ion: 79 Resp: 630735
Ion Ratio Lower Upper
79 100
108 82.0 65.0 97.6
77 64.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.237 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 45 Resp: 1089339
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.7
79 10.4 0.0 31.2

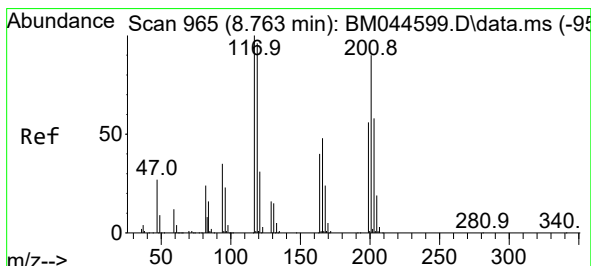
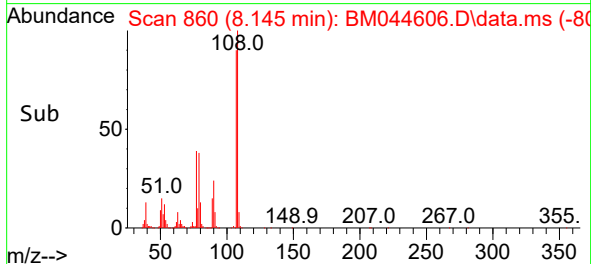
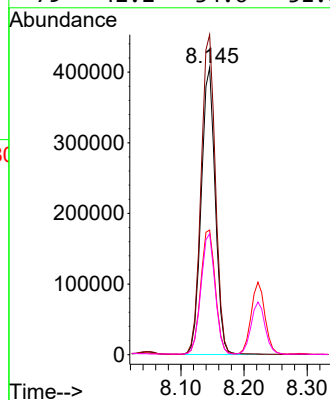
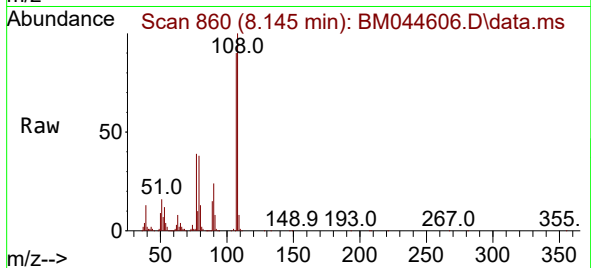




#17
2-Methylphenol
Concen: 44.000 ng
RT: 8.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

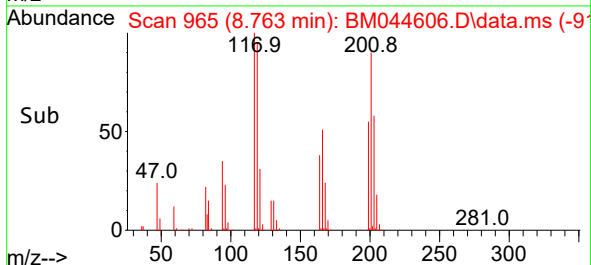
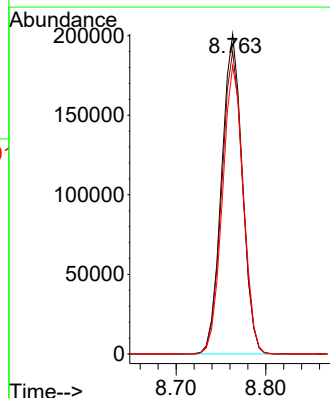
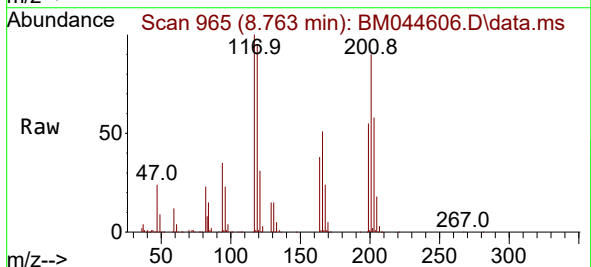
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

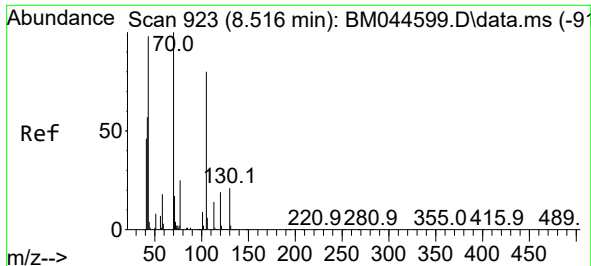
Tgt Ion:107 Resp: 624536
Ion Ratio Lower Upper
107 100
108 111.5 90.7 136.1
77 43.4 36.2 54.2
79 42.2 34.6 51.8



#18
Hexachloroethane
Concen: 49.913 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:117 Resp: 322634
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2
201 90.1 72.3 108.5



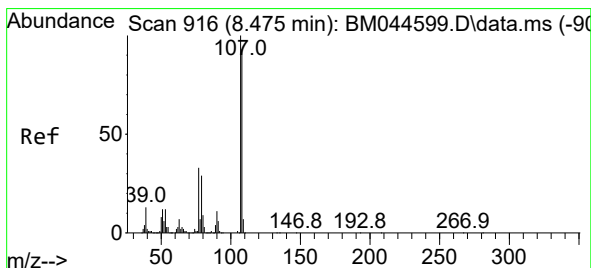
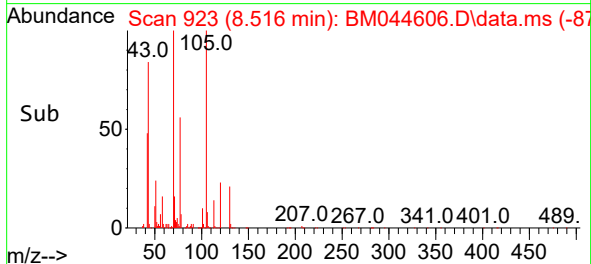
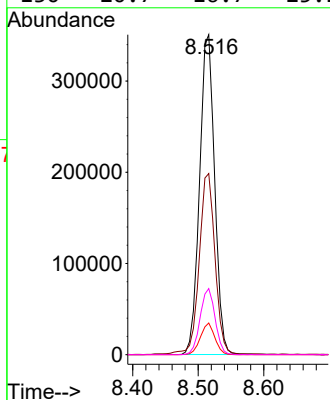
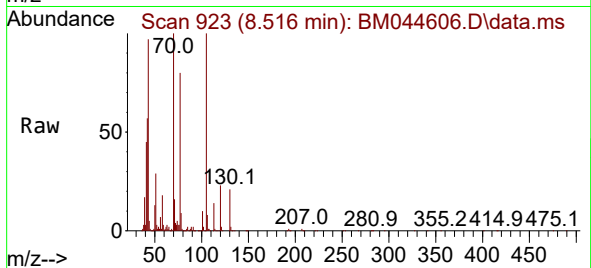


#19
n-Nitroso-di-n-propylamine
Concen: 44.211 ng
RT: 8.516 min Scan# 915
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Instrument :
BNA_M
ClientSampleId :
PB159537BSD

Tgt Ion: 70 Resp: 562663

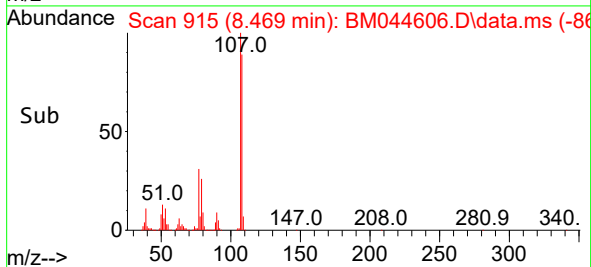
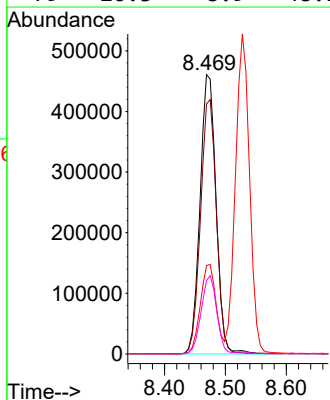
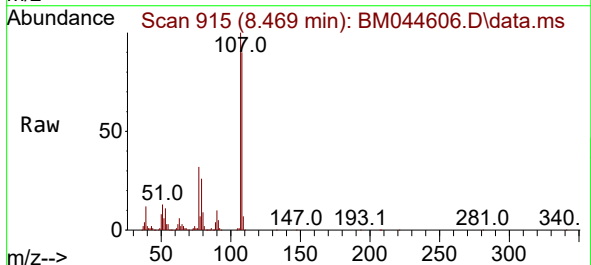
Ion	Ratio	Lower	Upper
70	100		
42	56.6	46.6	69.8
101	9.9	7.6	11.4
130	20.7	16.7	25.1

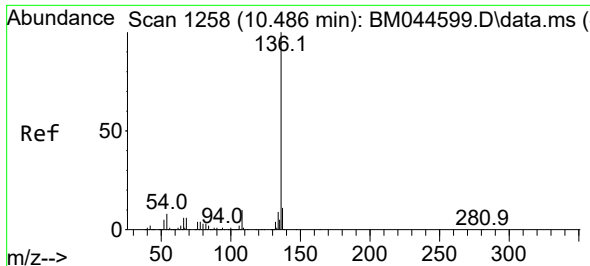


#20
3+4-Methylphenols
Concen: 43.982 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 107 Resp: 842464

Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.7	112.7
77	31.7	13.3	53.3
79	26.3	8.9	48.9

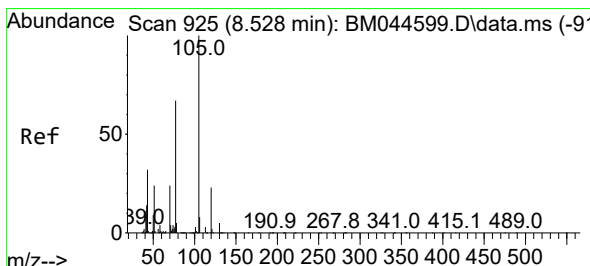
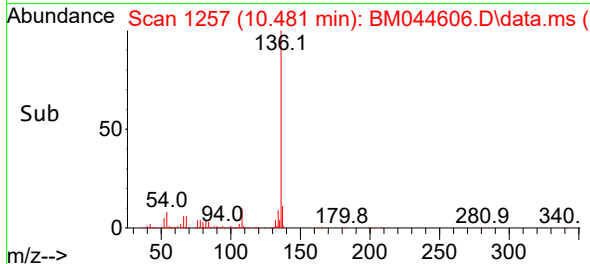
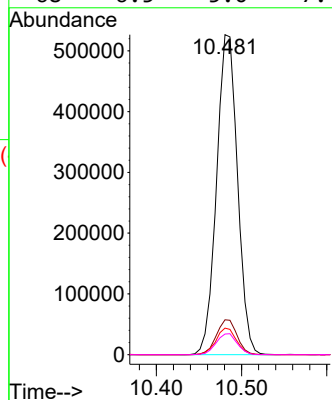
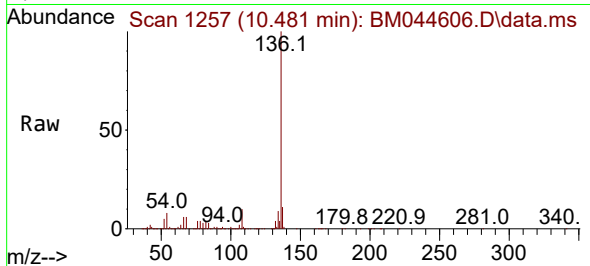




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

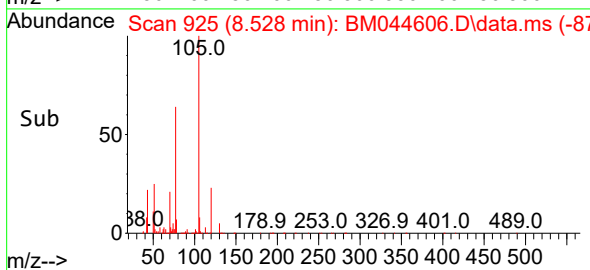
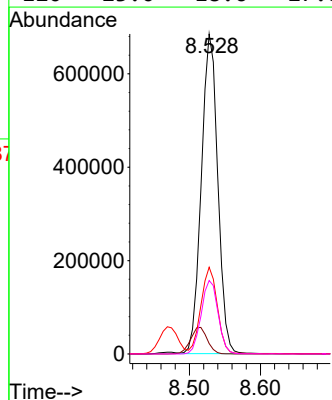
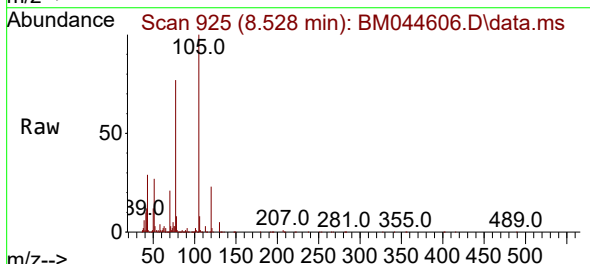
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

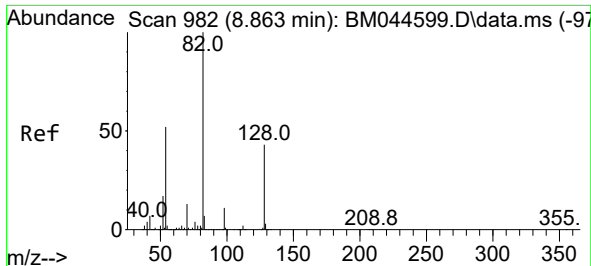
Tgt Ion:136 Resp: 900664
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.6 10.0
68 6.5 5.0 7.4



#22
Acetophenone
Concen: 46.641 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:105 Resp: 1103617
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.2#
51 27.1 22.2 33.4
120 23.0 18.6 27.8

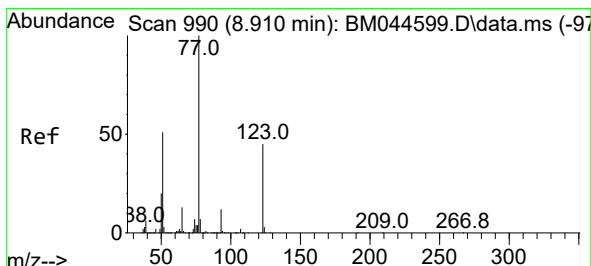
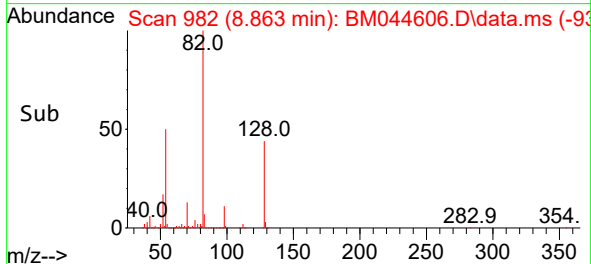
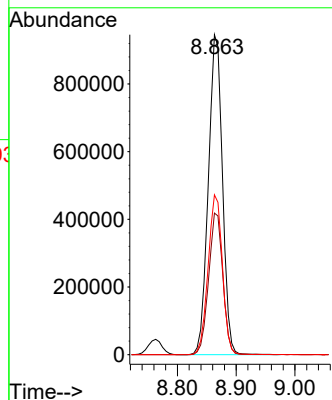
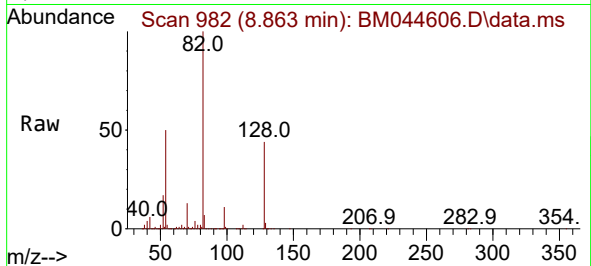




#23
Nitrobenzene-d5
Concen: 84.283 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

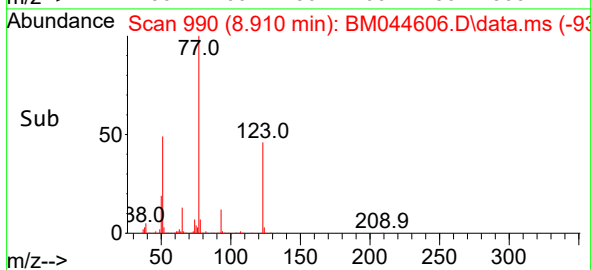
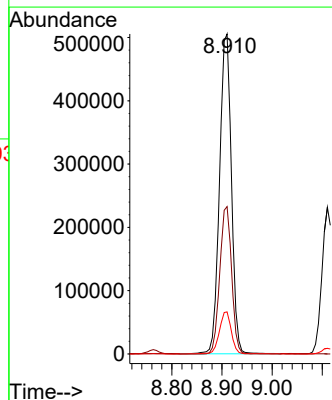
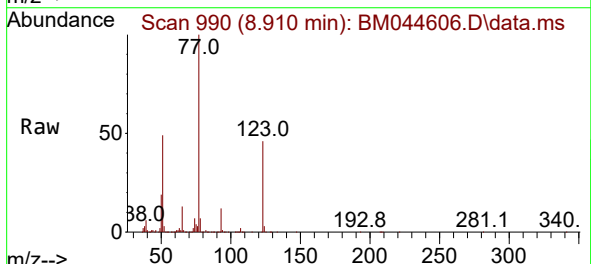
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

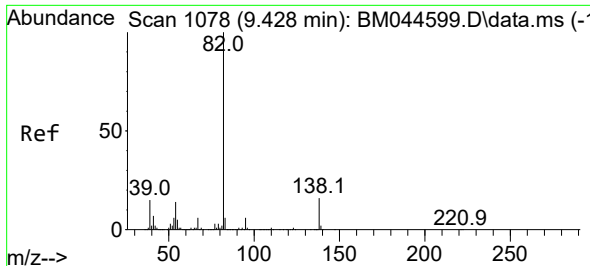
Tgt Ion: 82 Resp: 1575711
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 50.0 41.3 61.9



#24
Nitrobenzene
Concen: 44.880 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 77 Resp: 829403
Ion Ratio Lower Upper
77 100
123 46.1 35.9 53.9
65 13.1 10.7 16.1

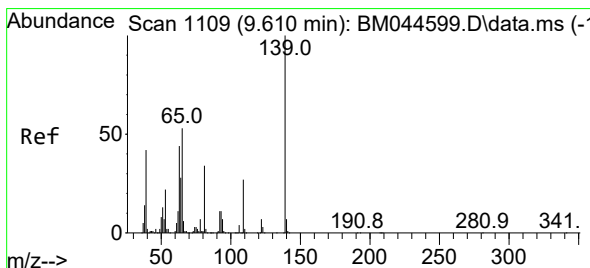
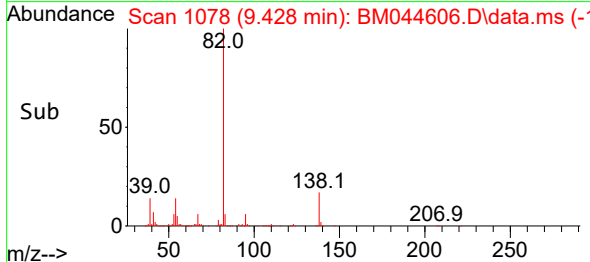
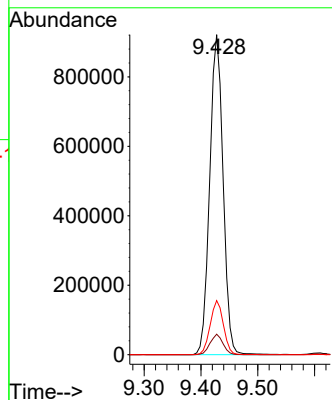
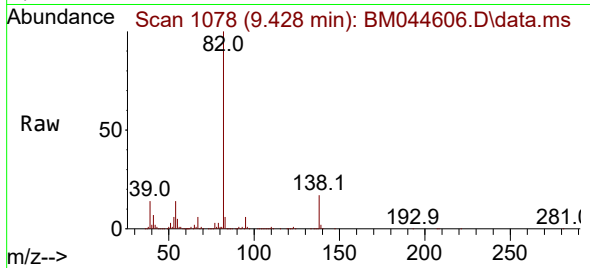




#25
Isophorone
Concen: 46.512 ng
RT: 9.428 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

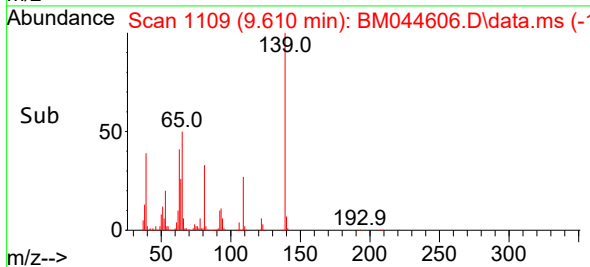
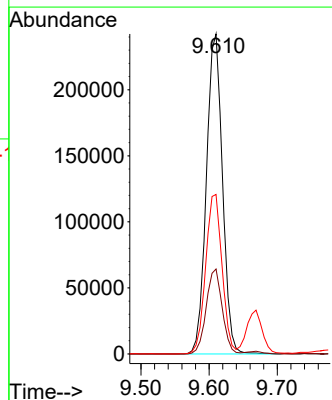
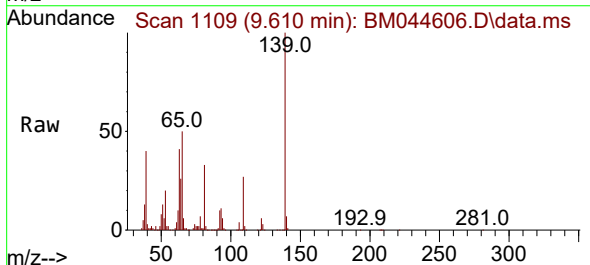
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

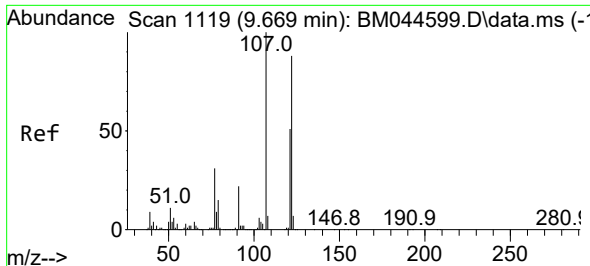
Tgt Ion: 82 Resp: 1500328
Ion Ratio Lower Upper
82 100
95 6.4 4.9 7.3
138 16.9 12.9 19.3



#26
2-Nitrophenol
Concen: 49.927 ng
RT: 9.610 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:139 Resp: 398144
Ion Ratio Lower Upper
139 100
109 26.5 21.2 31.8
65 49.9 42.4 63.6

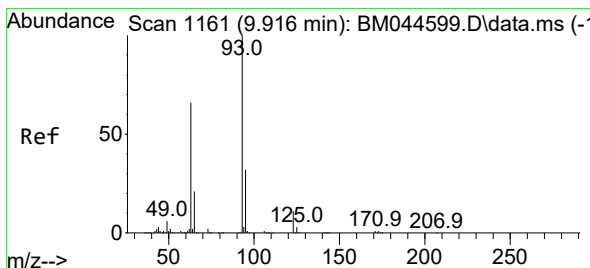
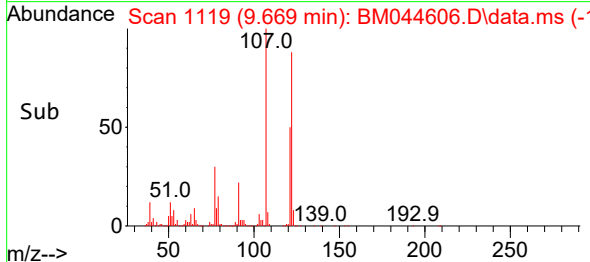
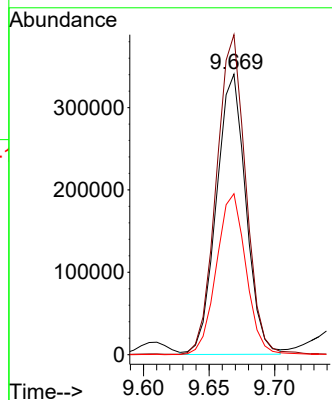
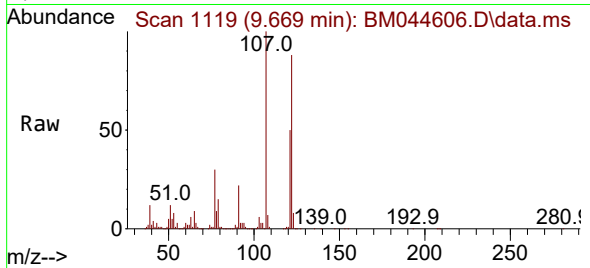




#27
2,4-Dimethylphenol
Concen: 37.953 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

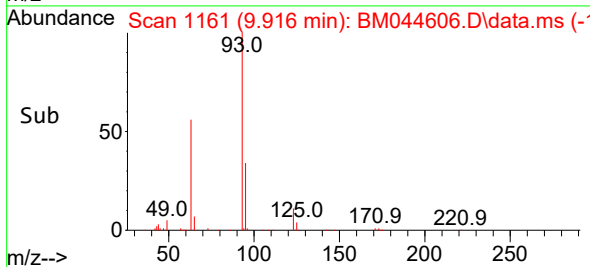
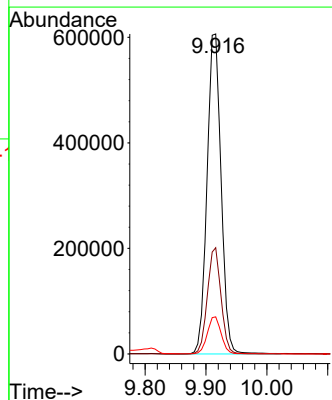
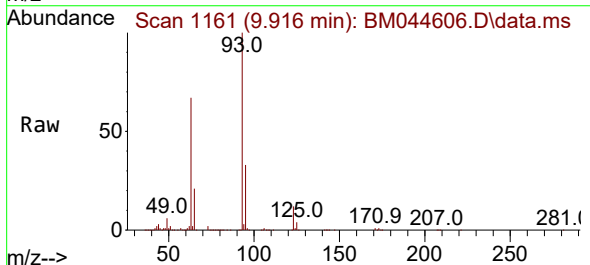
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

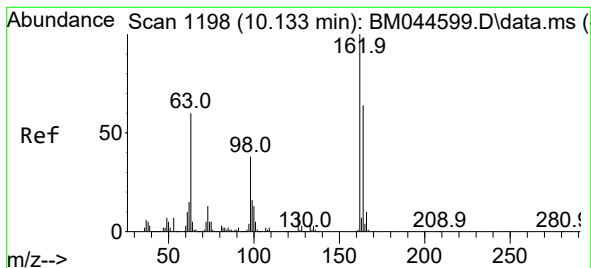
Tgt Ion:122 Resp: 532247
Ion Ratio Lower Upper
122 100
107 114.1 90.5 135.7
121 57.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.477 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 93 Resp: 974132
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.6
123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.379 ng

RT: 10.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

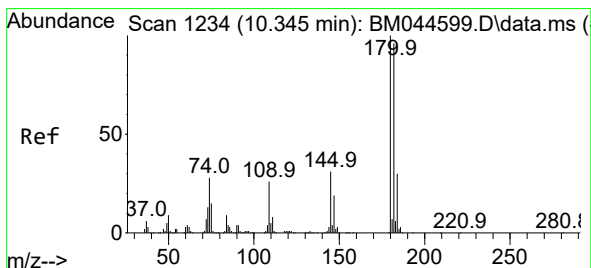
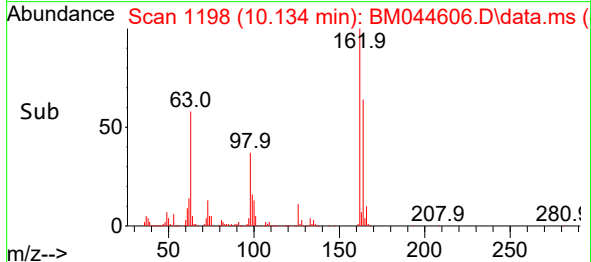
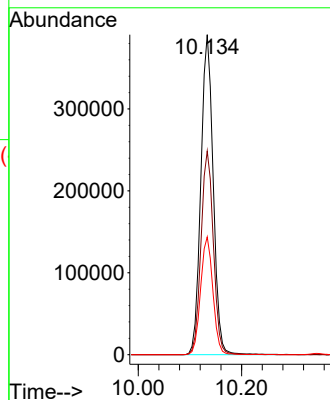
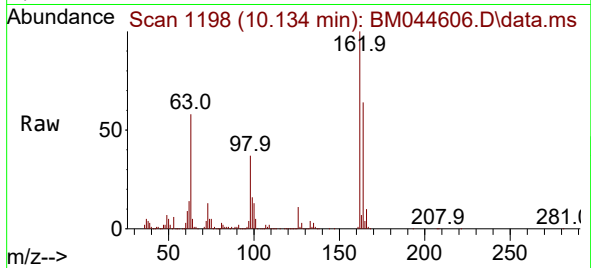
Tgt Ion:162 Resp: 646627

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

98 36.8 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 48.583 ng

RT: 10.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

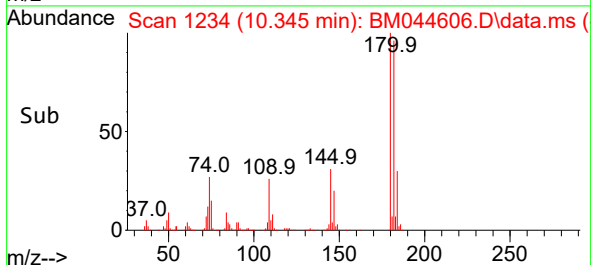
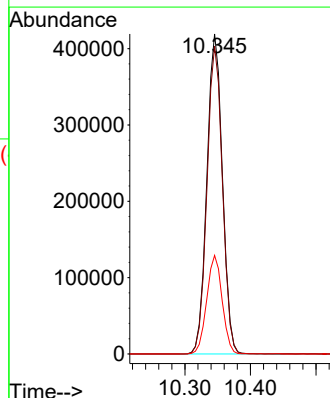
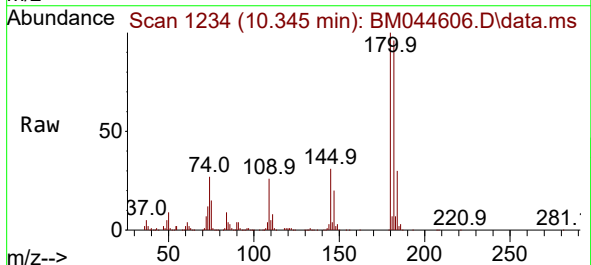
Tgt Ion:180 Resp: 690812

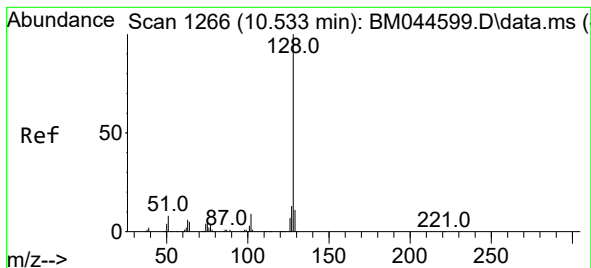
Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

145 30.8 24.6 36.8

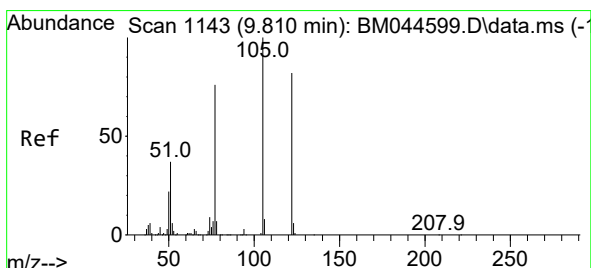
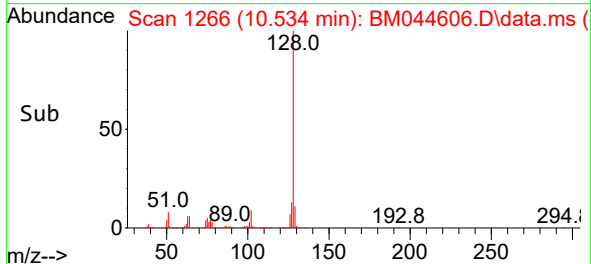
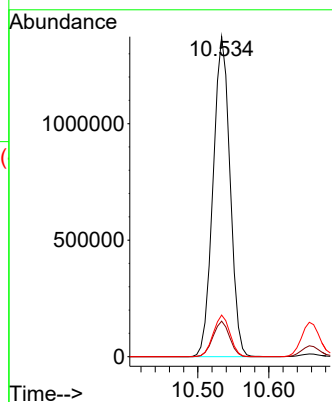
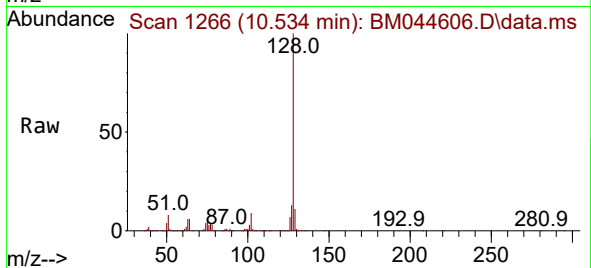




#31
Naphthalene
Concen: 45.997 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

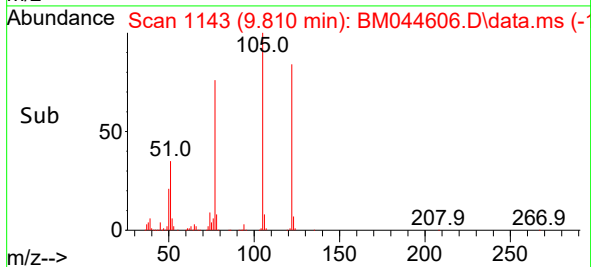
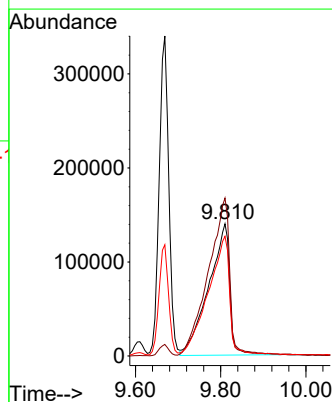
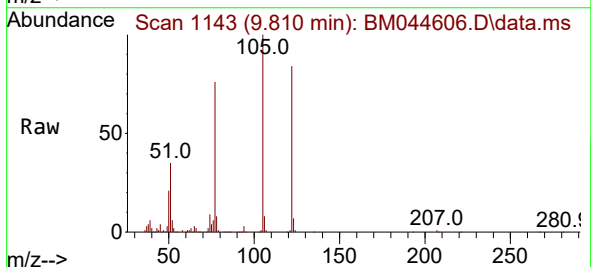
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

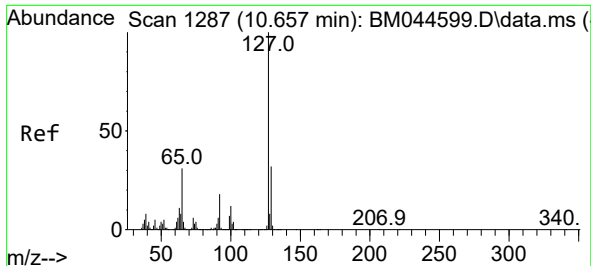
Tgt Ion:128 Resp: 2273578
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 43.318 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:122 Resp: 480546
Ion Ratio Lower Upper
122 100
105 119.5 100.0 140.0
77 90.6 72.5 112.5

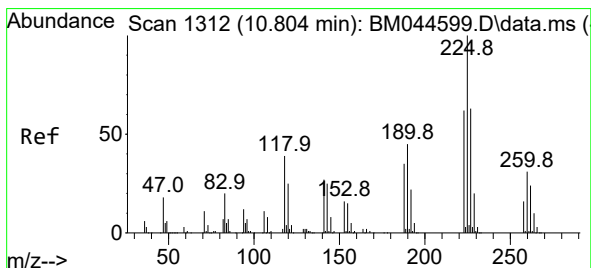
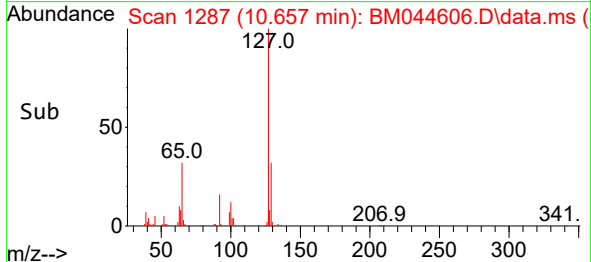
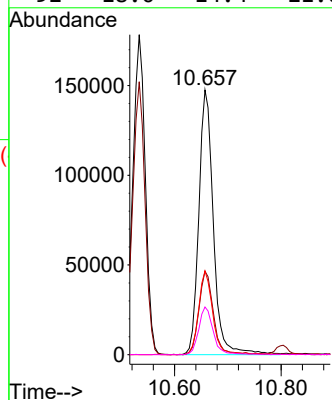
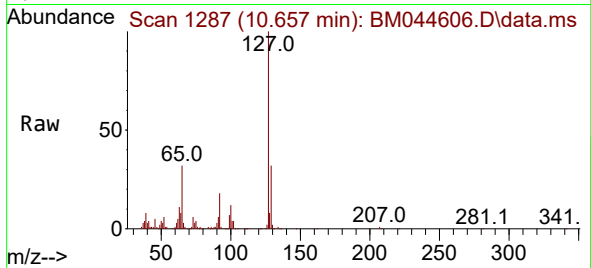




#33
4-Chloroaniline
Concen: 13.529 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

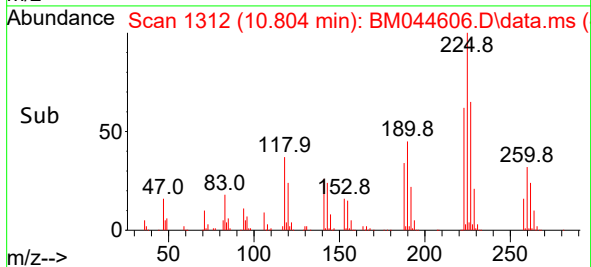
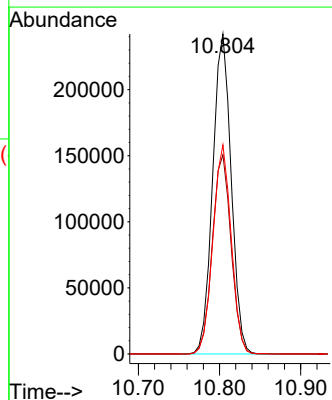
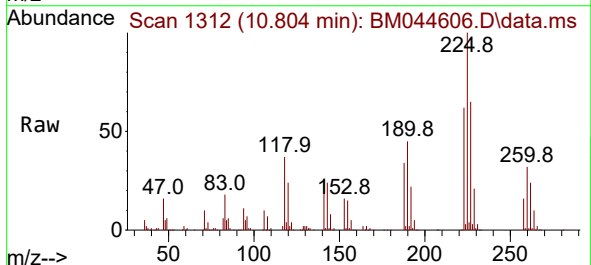
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

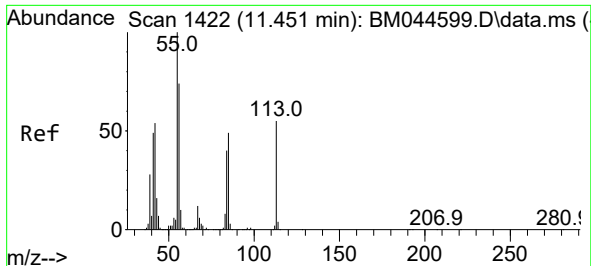
Tgt Ion:127	Resp: 280539
Ion Ratio	Lower Upper
127 100	
129 31.5	25.6 38.4
65 31.6	25.1 37.7
92 18.0	14.4 21.6



#34
Hexachlorobutadiene
Concen: 48.301 ng
RT: 10.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:225	Resp: 382933
Ion Ratio	Lower Upper
225 100	
223 62.3	49.9 74.9
227 65.3	50.6 75.8

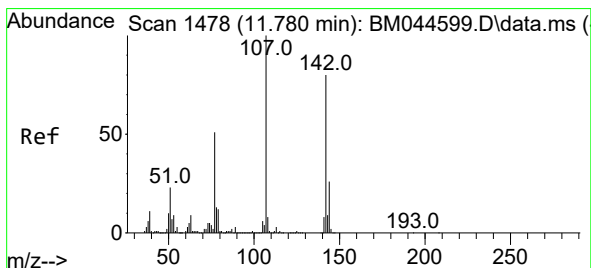
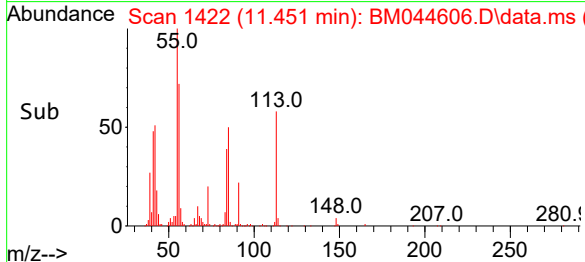
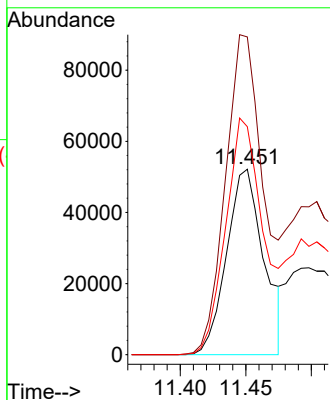
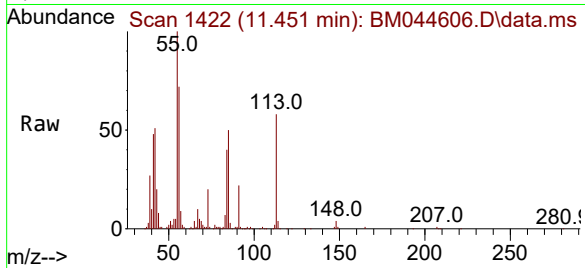




#35
 Caprolactam
 Concen: 23.849 ng
 RT: 11.451 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

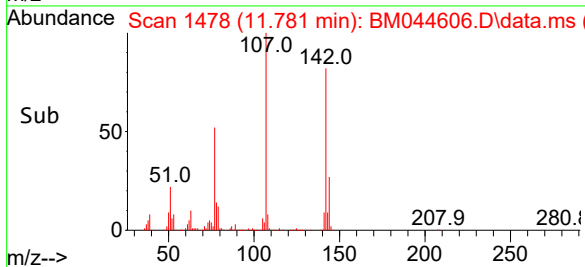
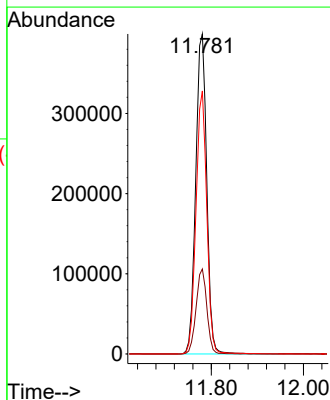
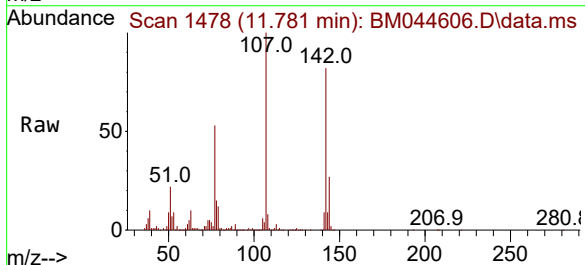
Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

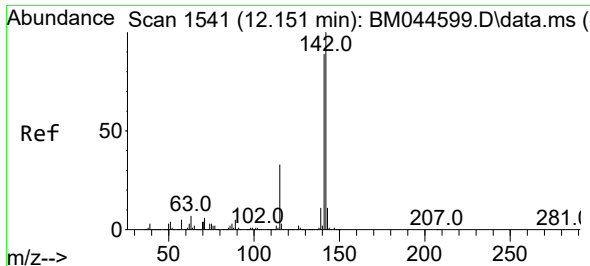
Tgt Ion:113 Resp: 102824
 Ion Ratio Lower Upper
 113 100
 55 171.4 161.1 201.1
 56 123.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 45.020 ng
 RT: 11.781 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

Tgt Ion:107 Resp: 660293
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.8 31.2
 142 82.2 63.8 95.8

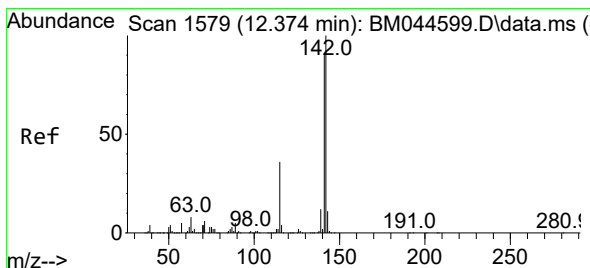
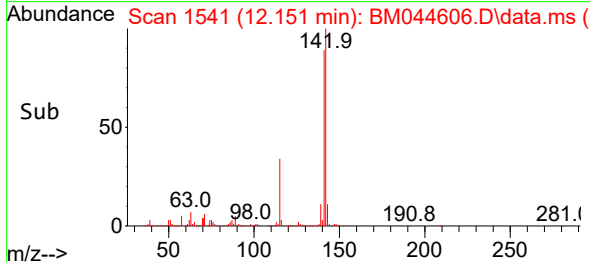
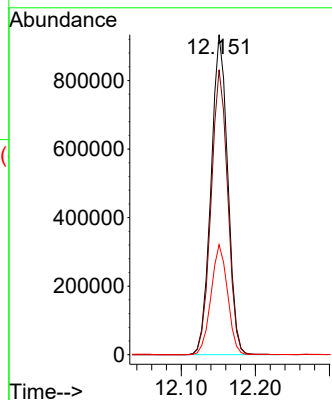
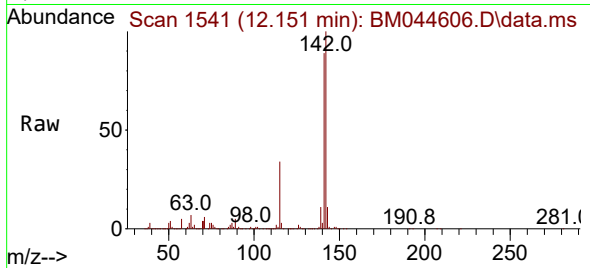




#37
2-Methylnaphthalene
Concen: 43.580 ng
RT: 12.151 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

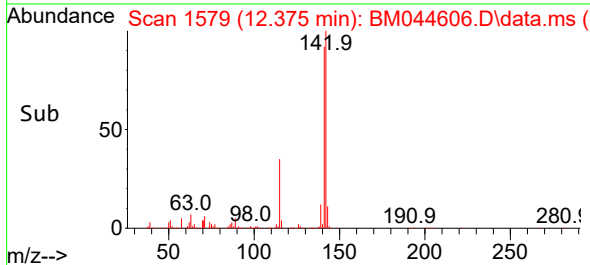
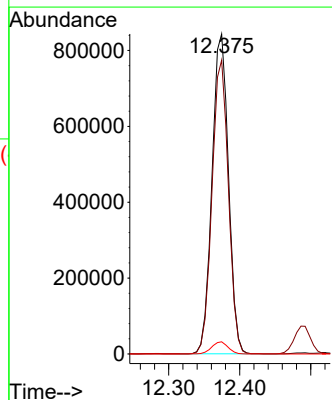
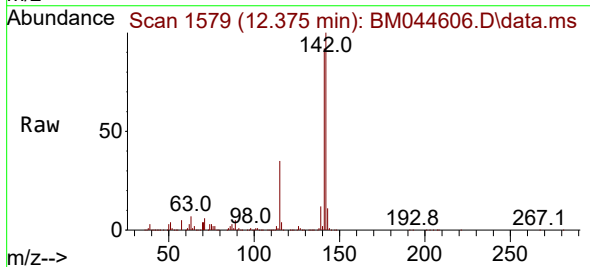
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

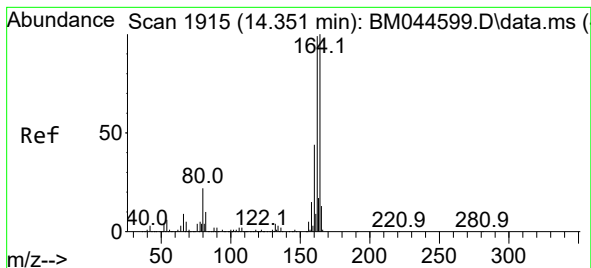
Tgt Ion:142 Resp: 1462072
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 34.3 26.6 40.0



#38
1-Methylnaphthalene
Concen: 43.328 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:142 Resp: 1354759
Ion Ratio Lower Upper
142 100
141 91.8 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: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

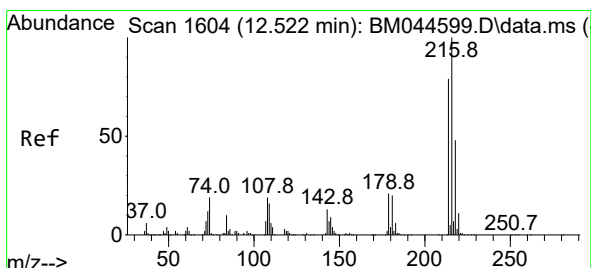
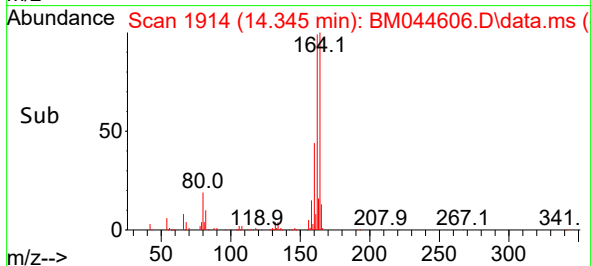
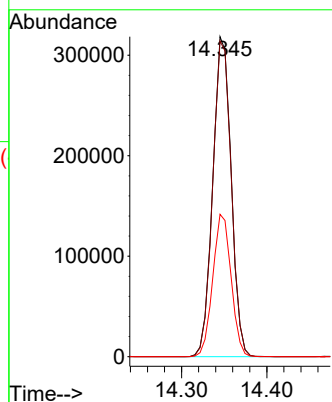
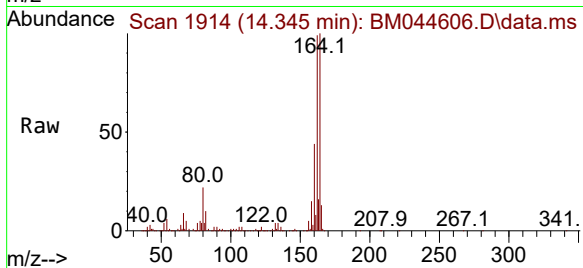
Tgt Ion:164 Resp: 477729

Ion Ratio Lower Upper

164 100

162 98.7 79.3 118.9

160 44.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.270 ng

RT: 12.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Tgt Ion:216 Resp: 667953

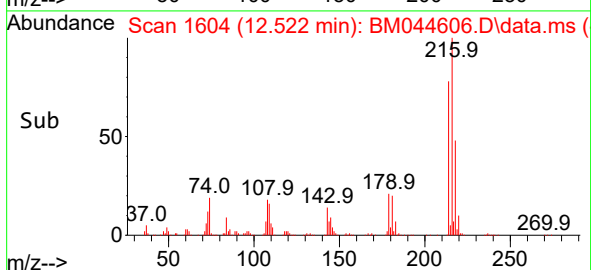
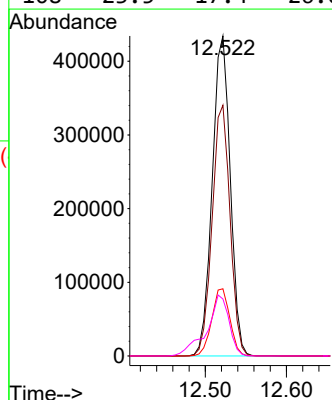
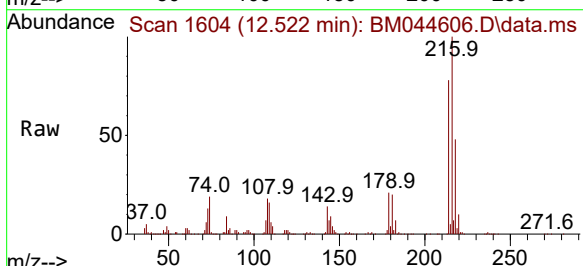
Ion Ratio Lower Upper

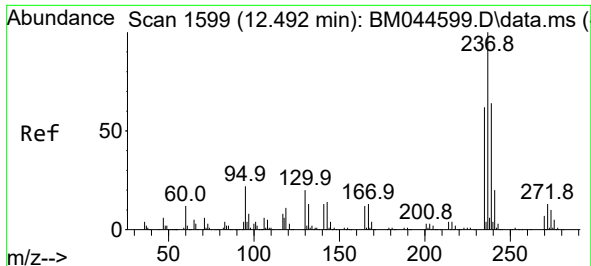
216 100

214 78.0 62.9 94.3

179 21.1 16.9 25.3

108 23.5 17.4 26.0

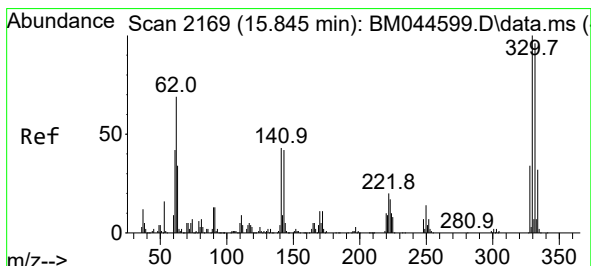
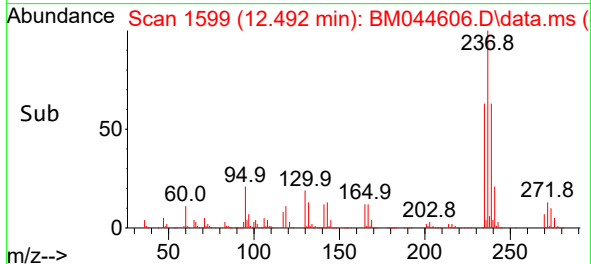
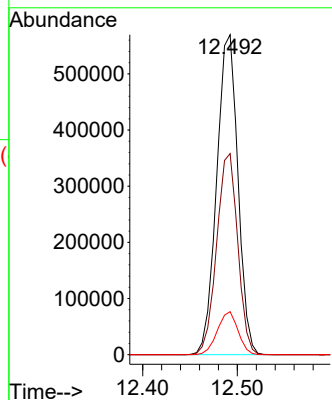
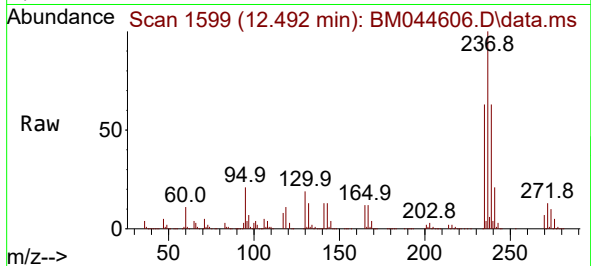




#41
Hexachlorocyclopentadiene
Concen: 114.938 ng
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

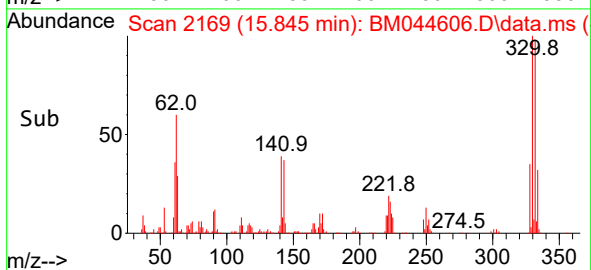
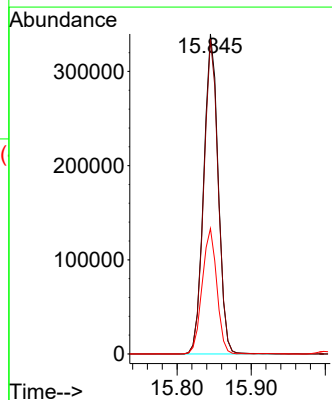
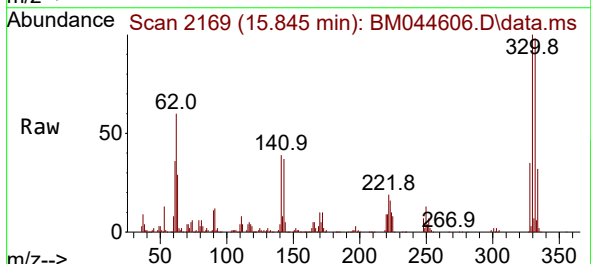
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

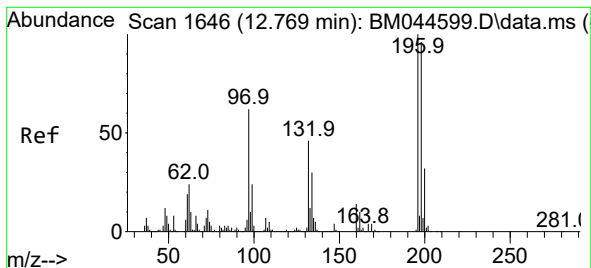
Tgt Ion:237 Resp: 887685
Ion Ratio Lower Upper
237 100
235 62.9 42.1 82.1
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 87.407 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:330 Resp: 460561
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 39.5 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 49.350 ng

RT: 12.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

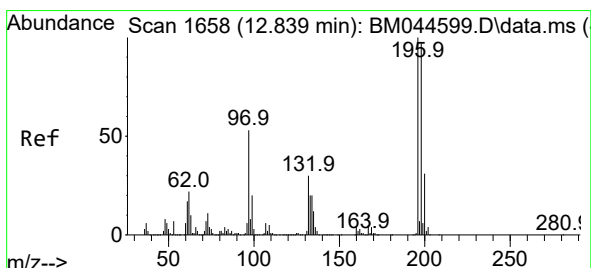
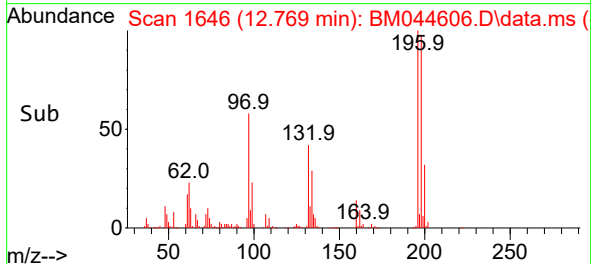
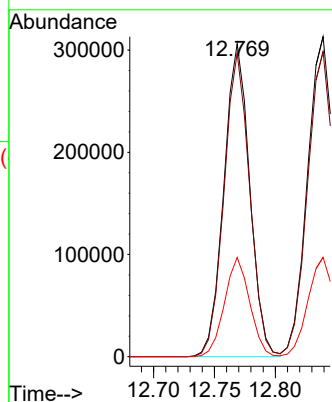
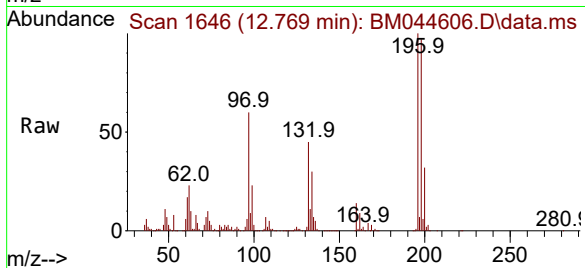
Tgt Ion:196 Resp: 451755

Ion Ratio Lower Upper

196 100

198 97.0 76.9 115.3

200 31.7 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 44.819 ng

RT: 12.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Tgt Ion:196 Resp: 486143

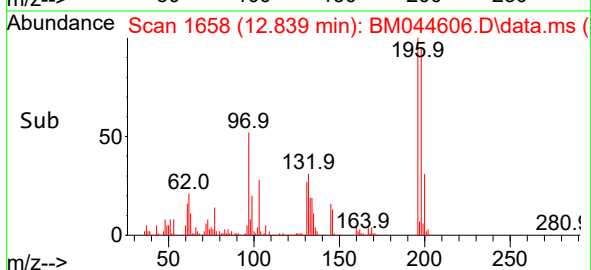
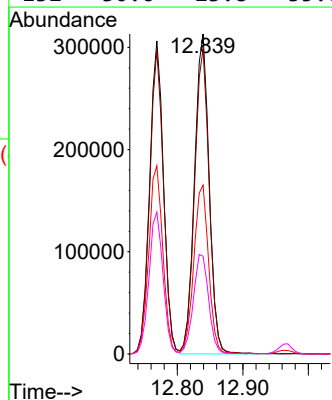
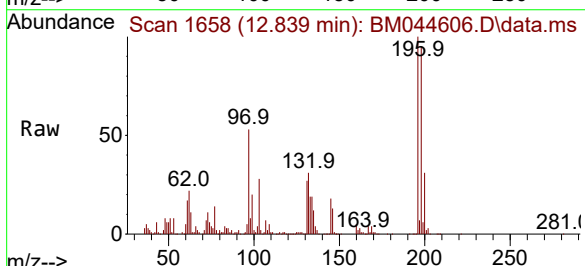
Ion Ratio Lower Upper

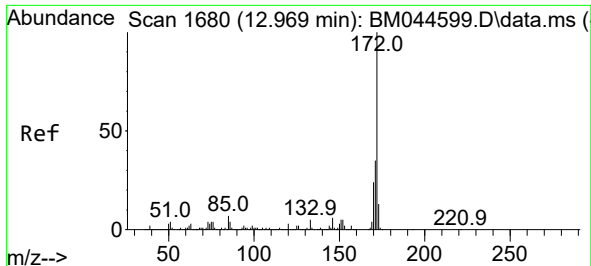
196 100

198 95.4 77.7 116.5

97 52.7 42.8 64.2

132 30.6 23.8 35.6

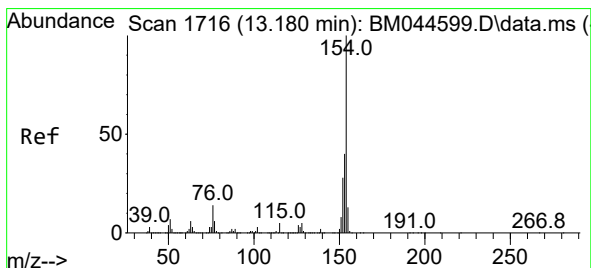
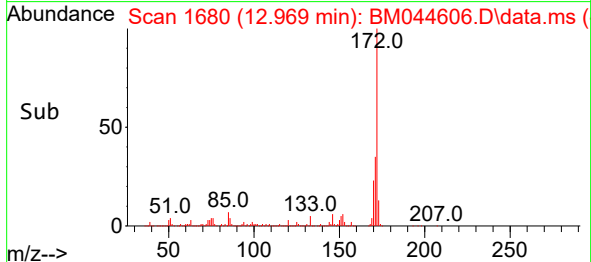
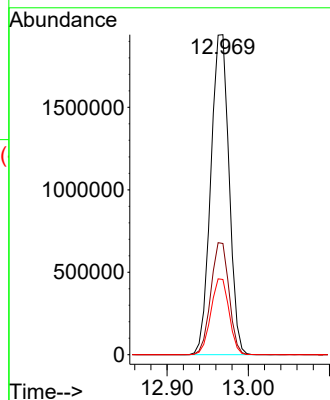
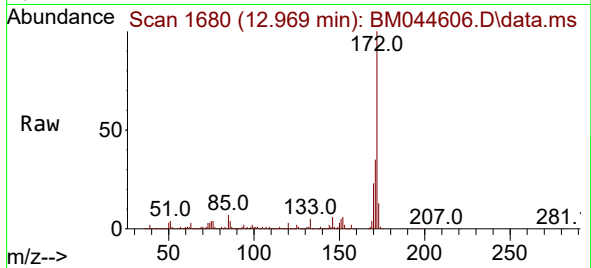




#45
2-Fluorobiphenyl
Concen: 87.425 ng
RT: 12.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

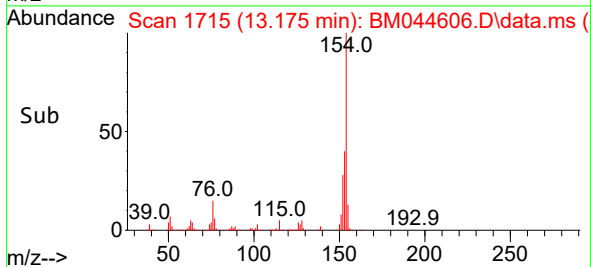
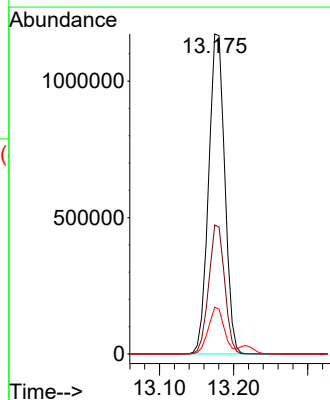
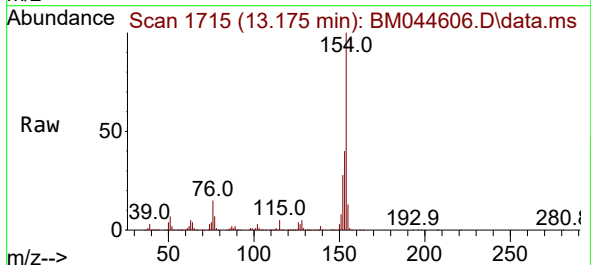
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

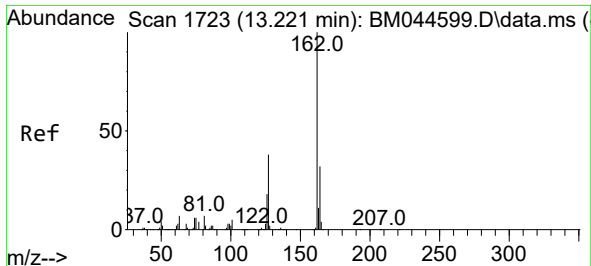
Tgt Ion:172 Resp: 3032617
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.480 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:154 Resp: 1774034
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.171 ng

RT: 13.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

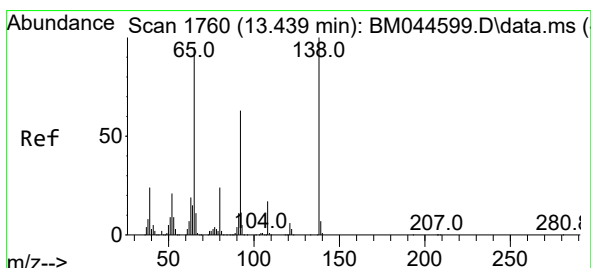
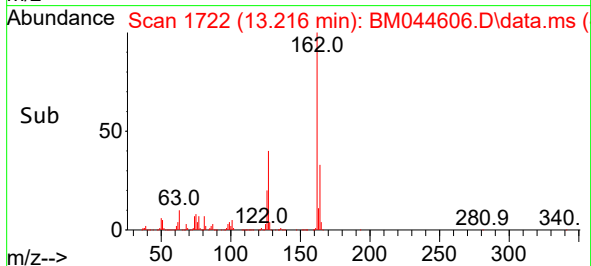
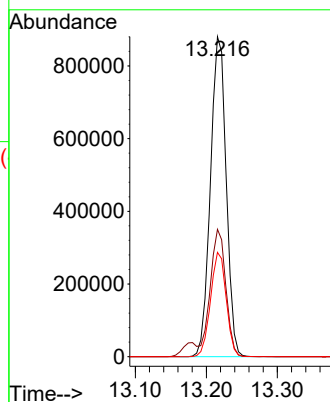
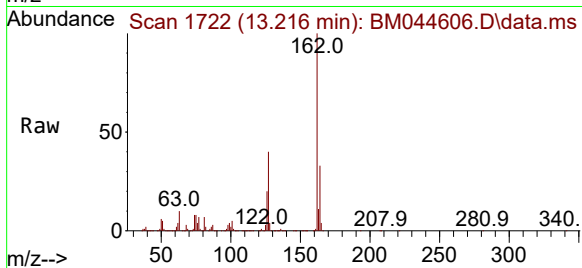
Tgt Ion:162 Resp: 1358558

Ion Ratio Lower Upper

162 100

127 39.8 31.4 47.0

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 44.773 ng

RT: 13.433 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

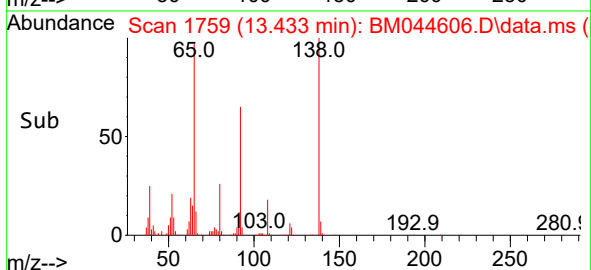
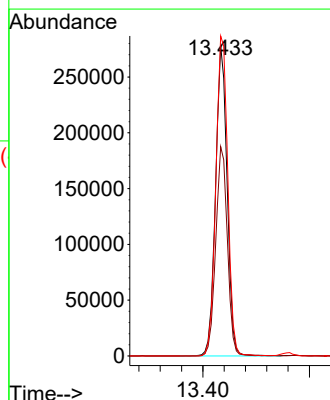
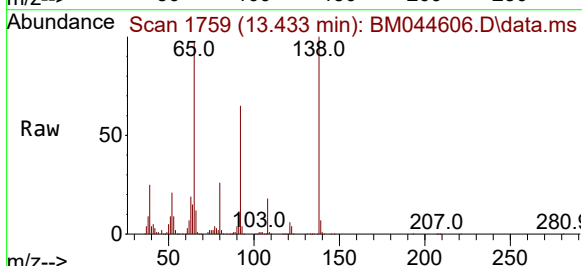
Tgt Ion: 65 Resp: 419733

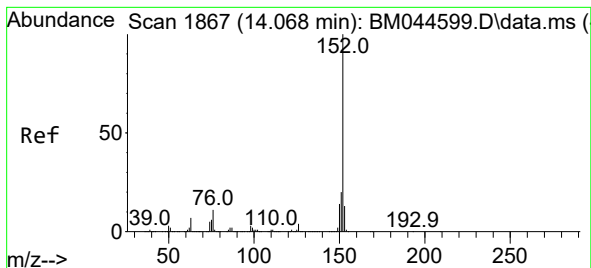
Ion Ratio Lower Upper

65 100

92 67.5 53.3 79.9

138 103.2 84.3 126.5





#49

Acenaphthylene

Concen: 49.168 ng

RT: 14.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

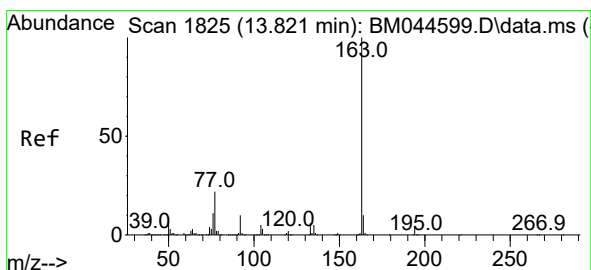
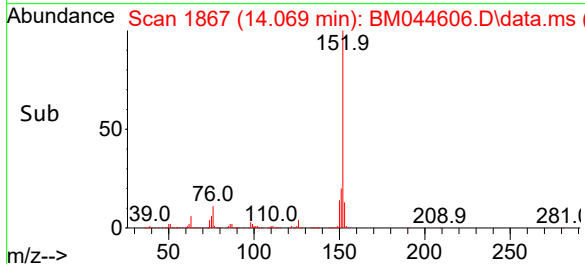
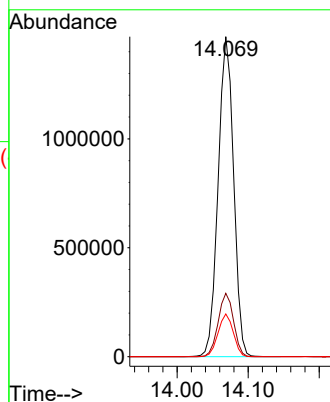
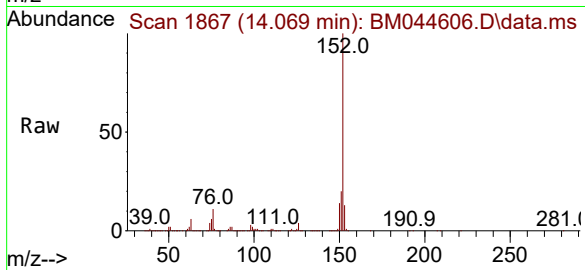
Tgt Ion:152 Resp: 2213023

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.375 ng

RT: 13.822 min Scan# 1825

Delta R.T. 0.001 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

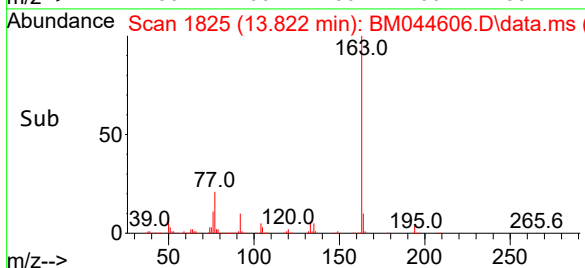
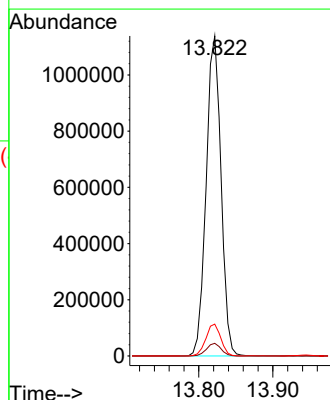
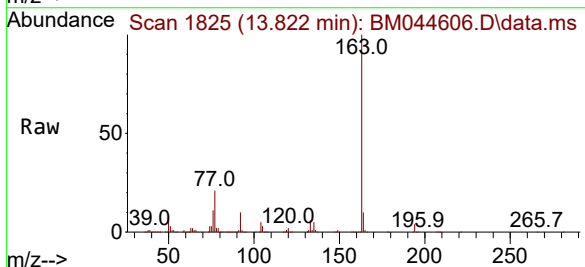
Tgt Ion:163 Resp: 1585645

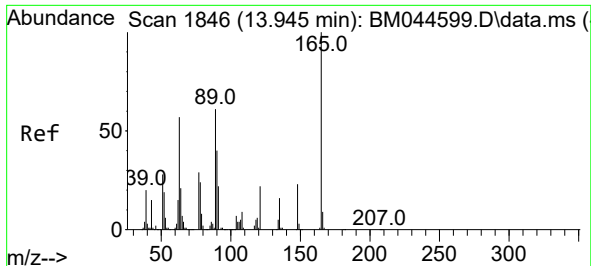
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.9 8.0 12.0

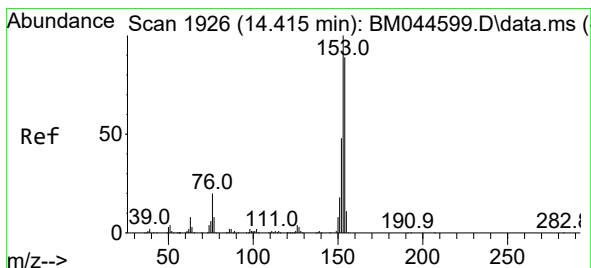
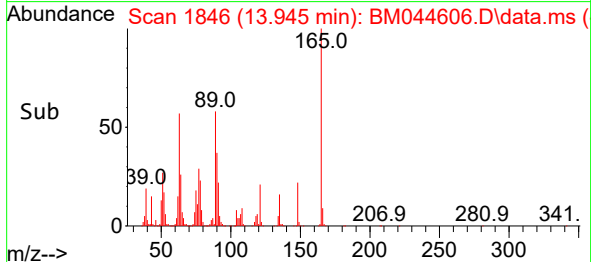
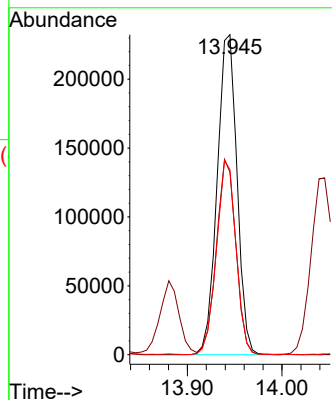
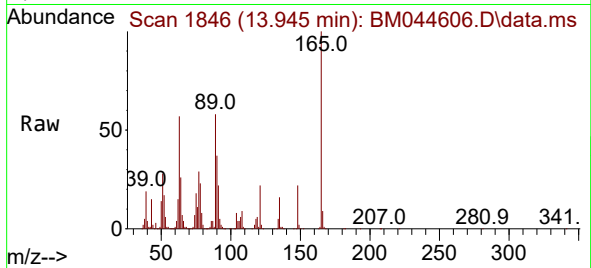




#51
2,6-Dinitrotoluene
Concen: 45.498 ng
RT: 13.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

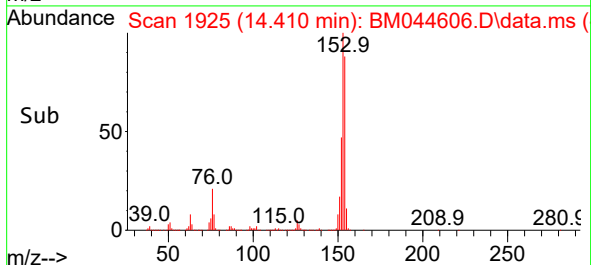
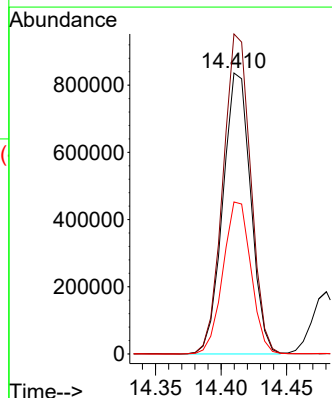
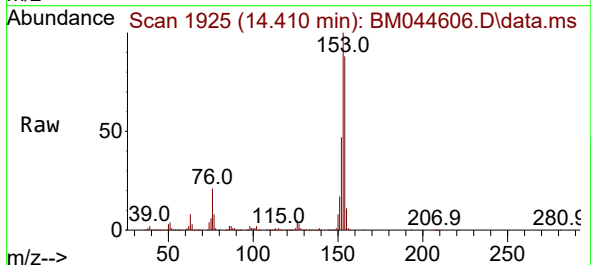
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

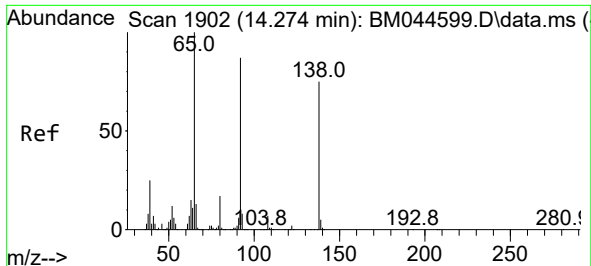
Tgt Ion:165 Resp: 338558
Ion Ratio Lower Upper
165 100
63 57.0 50.4 75.6
89 57.9 49.3 73.9



#52
Acenaphthene
Concen: 45.436 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:154 Resp: 1236222
Ion Ratio Lower Upper
154 100
153 113.9 90.3 135.5
152 54.1 43.1 64.7

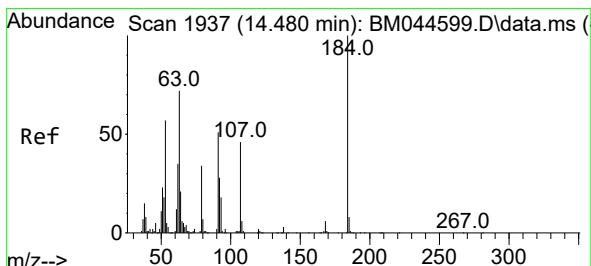
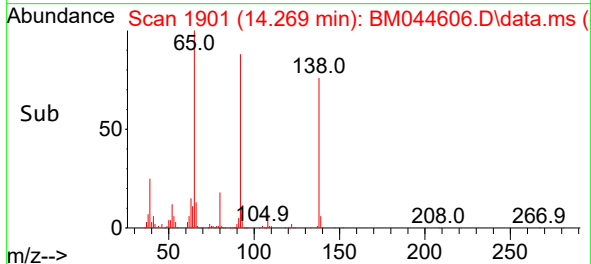
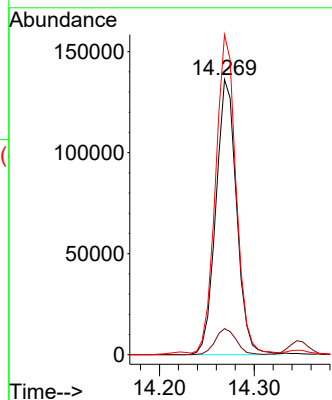
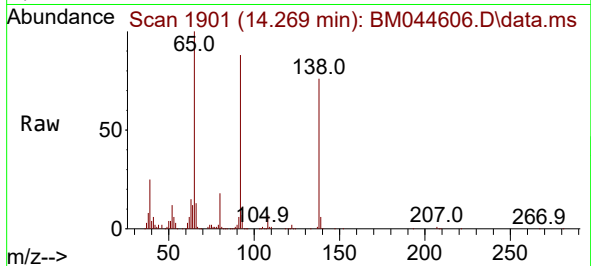




#53
3-Nitroaniline
Concen: 23.768 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

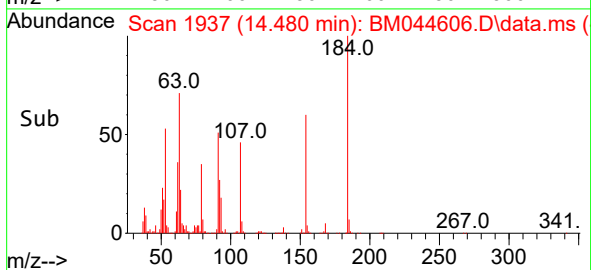
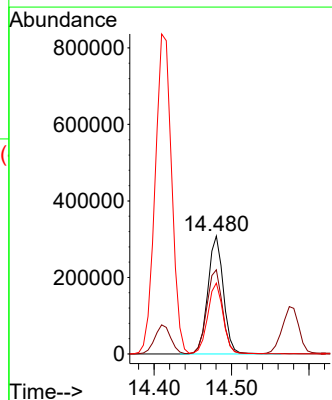
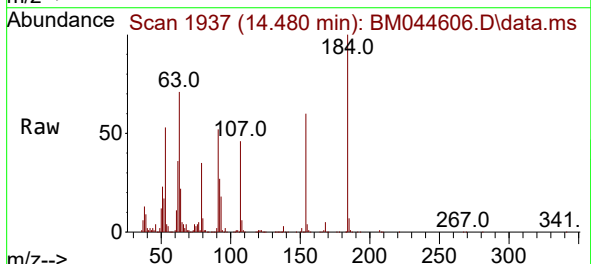
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

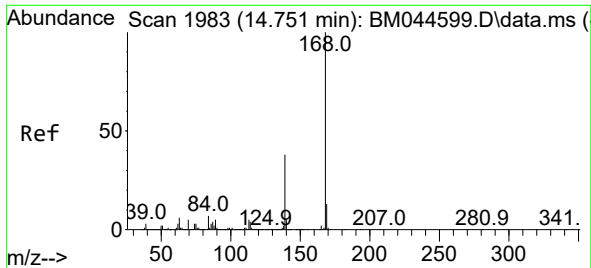
Tgt Ion:138 Resp: 207101
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 116.3 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 87.610 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:184 Resp: 428738
Ion Ratio Lower Upper
184 100
63 71.4 62.2 93.2
154 60.1 47.9 71.9

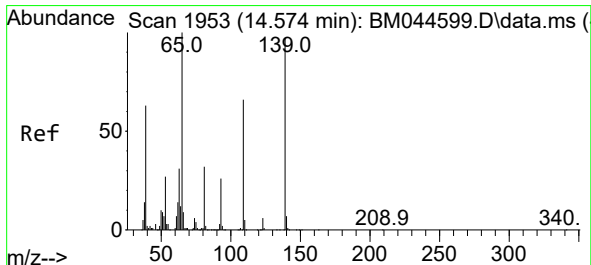
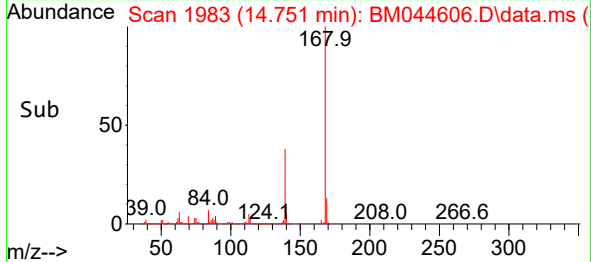
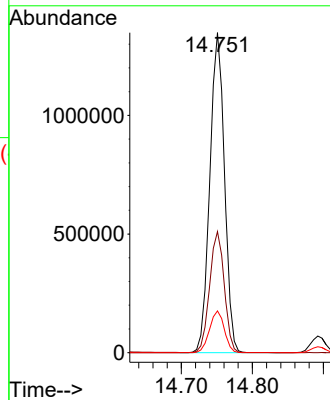
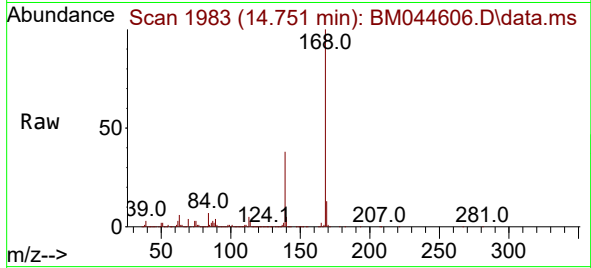




#55
Dibenzofuran
Concen: 44.740 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

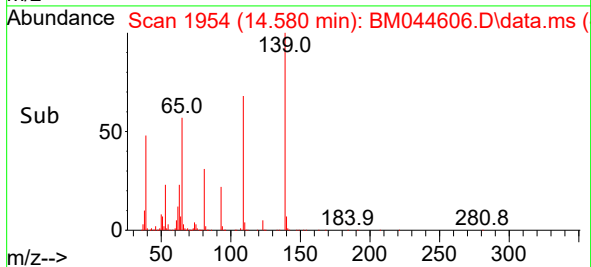
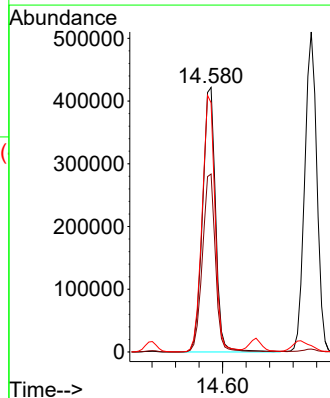
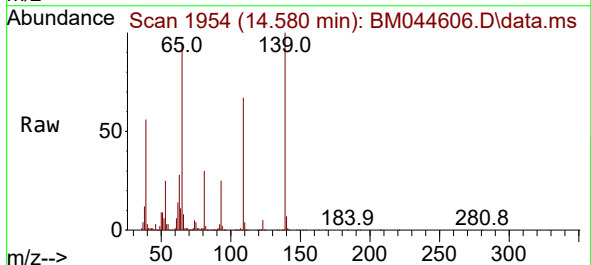
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

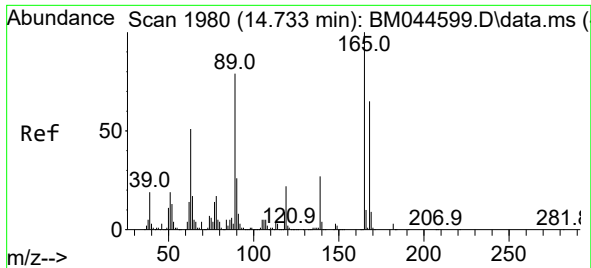
Tgt Ion:168 Resp: 1931990
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 90.753 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:139 Resp: 649439
Ion Ratio Lower Upper
139 100
109 67.3 48.0 88.0
65 94.2 83.5 123.5

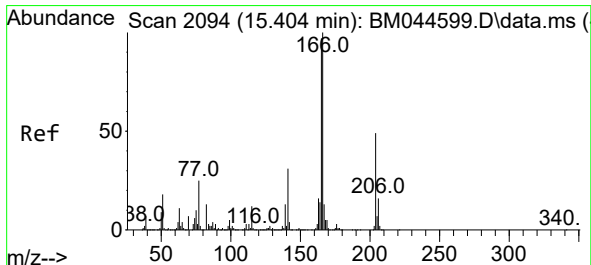
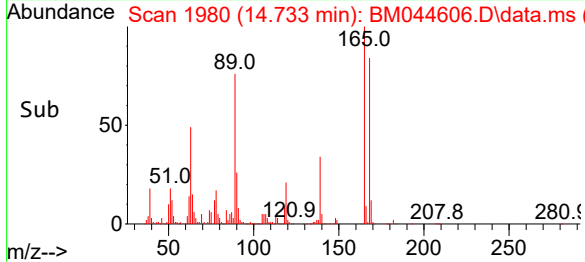
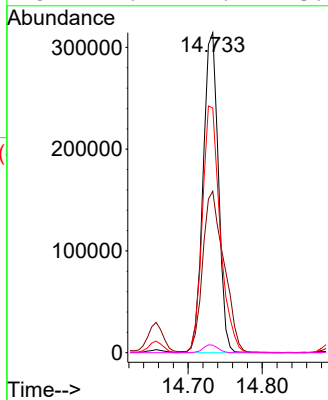
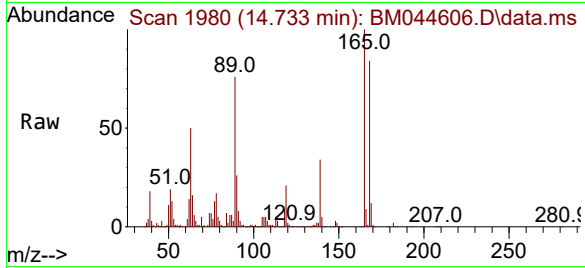




#57
2,4-Dinitrotoluene
Concen: 46.292 ng
RT: 14.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

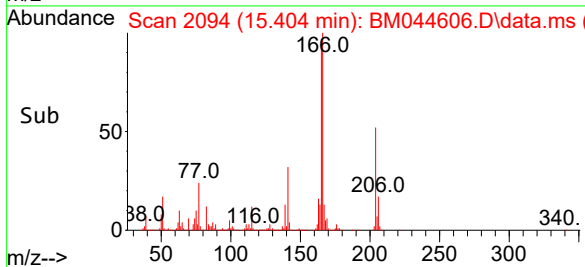
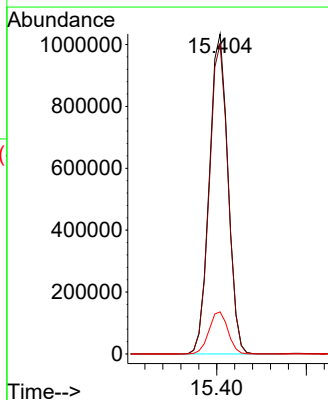
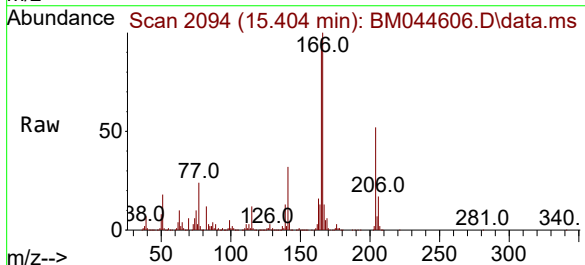
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

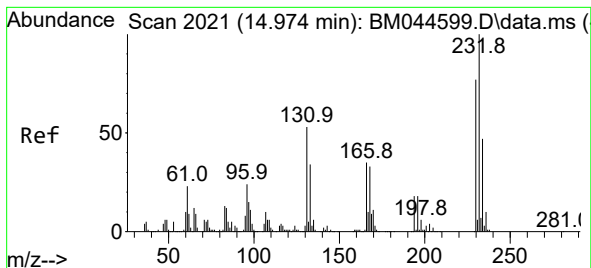
Tgt Ion:165 Resp: 450086
Ion Ratio Lower Upper
165 100
63 50.4 40.9 61.3
89 76.5 63.4 95.0
182 2.4 2.1 3.1



#58
Fluorene
Concen: 44.325 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:166 Resp: 1490535
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.1 10.8 16.2

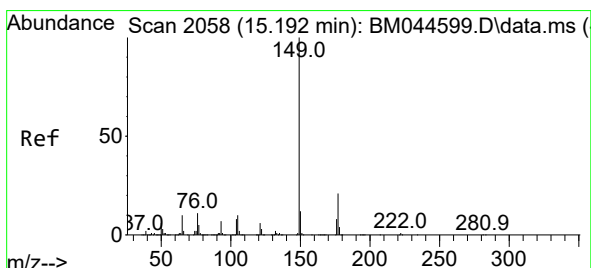
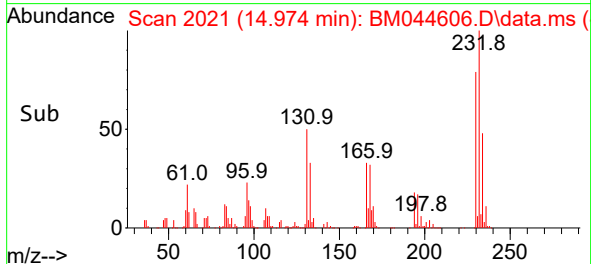
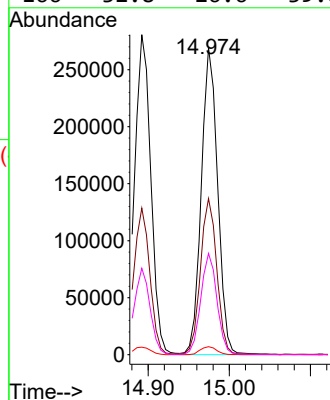
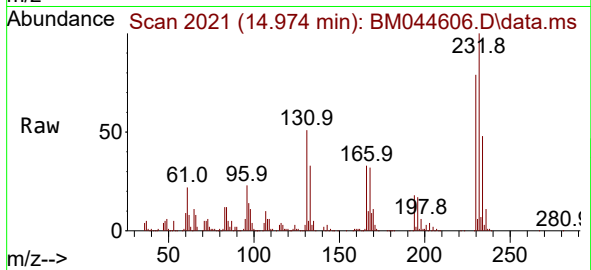




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.884 ng
RT: 14.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

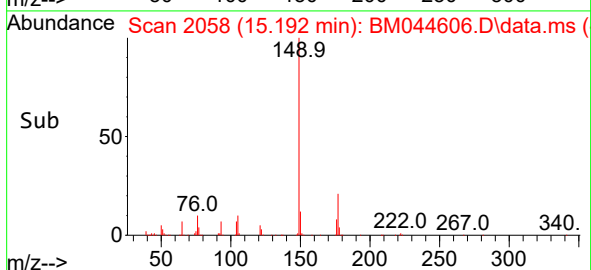
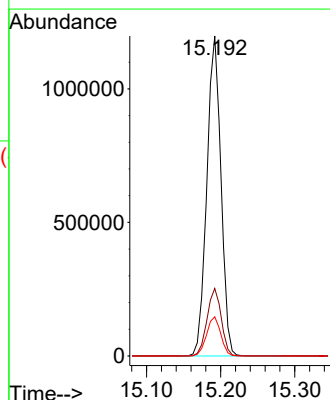
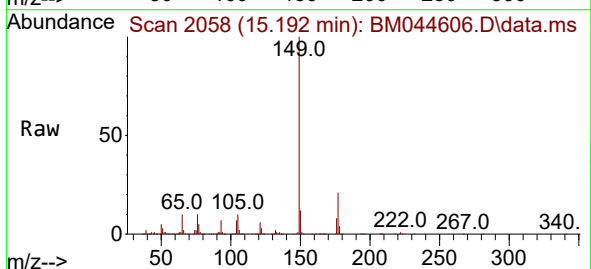
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

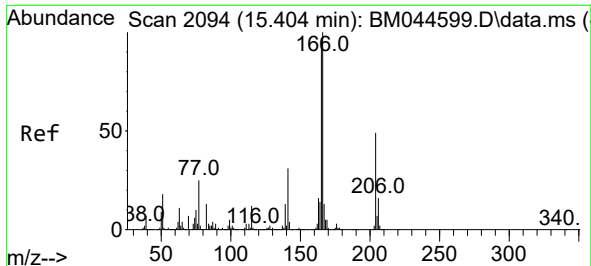
Tgt Ion:232 Resp: 377986
Ion Ratio Lower Upper
232 100
131 50.8 41.0 61.4
130 2.6 2.1 3.1
166 32.8 26.6 39.8



#60
Diethylphthalate
Concen: 43.790 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:149 Resp: 1584013
Ion Ratio Lower Upper
149 100
177 21.1 16.8 25.2
150 12.3 9.8 14.8

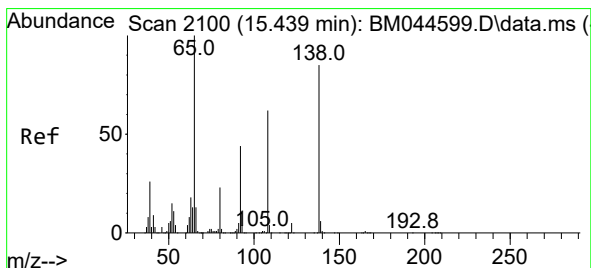
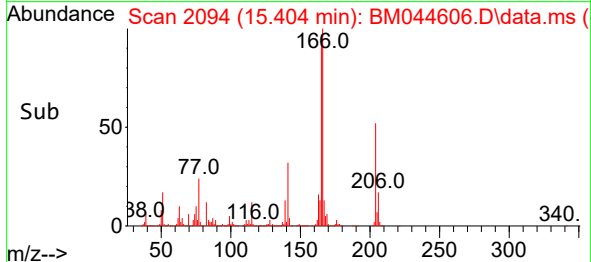
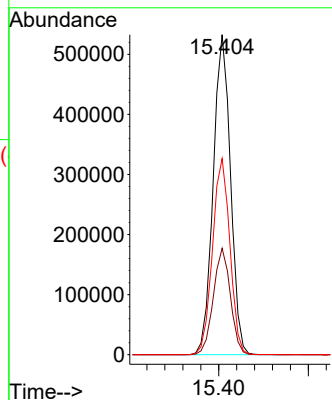
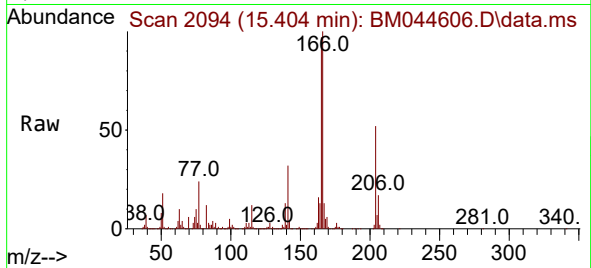




#61
4-Chlorophenyl-phenylether
Concen: 44.124 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

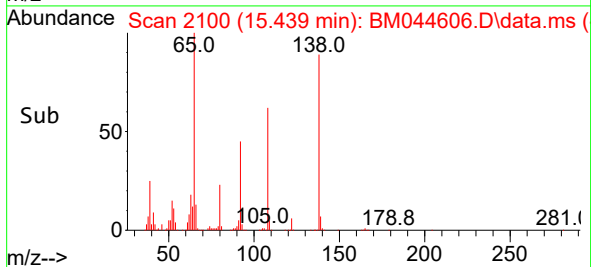
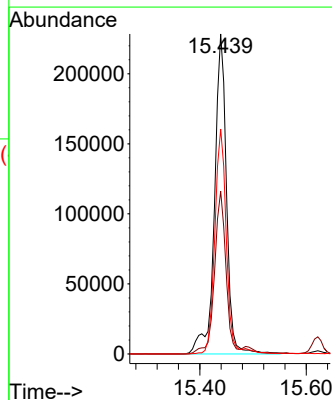
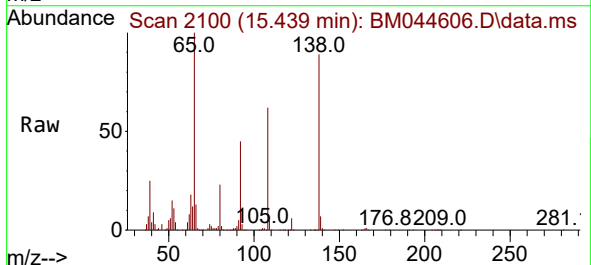
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

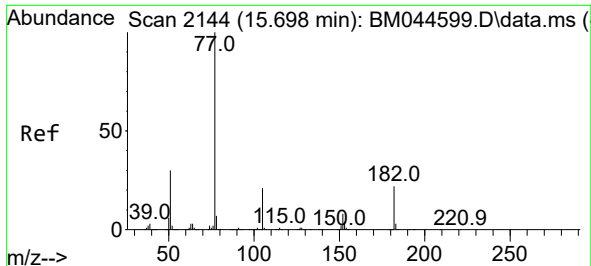
Tgt Ion:204 Resp: 712324
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 61.3 49.8 74.8



#62
4-Nitroaniline
Concen: 41.186 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:138 Resp: 358479
Ion Ratio Lower Upper
138 100
92 50.9 31.9 71.9
108 70.3 53.7 93.7

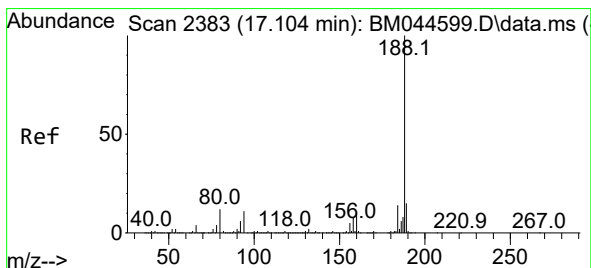
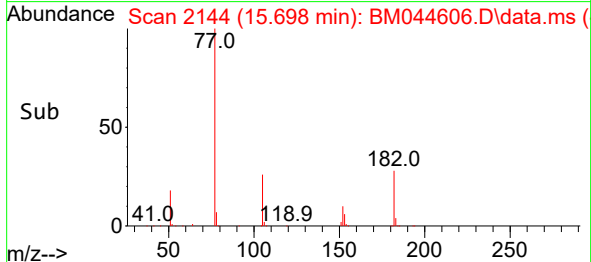
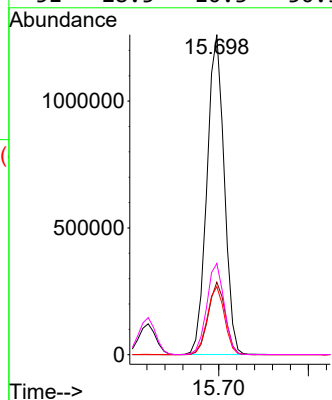
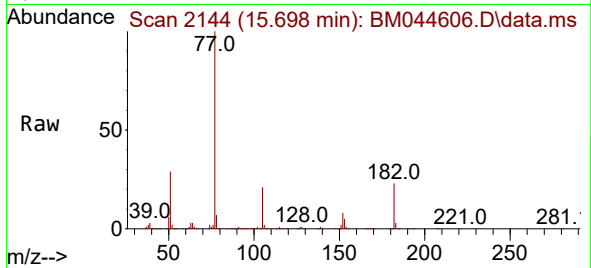




#63
Azobenzene
Concen: 45.073 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

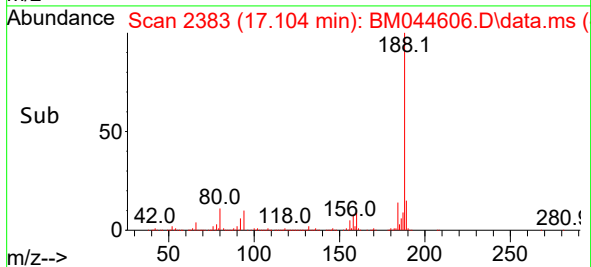
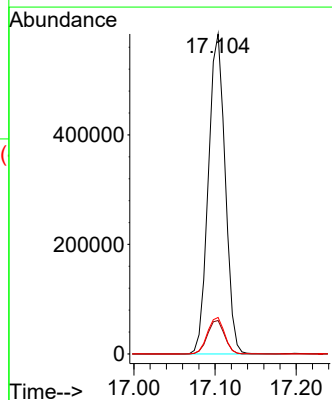
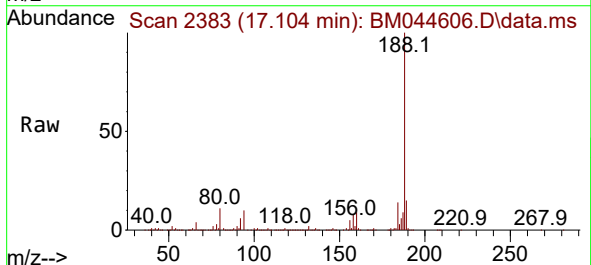
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

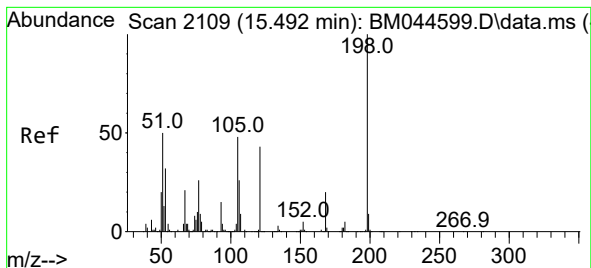
Tgt Ion: 77 Resp: 1685326
Ion Ratio Lower Upper
77 100
182 22.7 1.8 41.8
105 21.3 0.7 40.7
51 28.5 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion: 188 Resp: 839398
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.4 9.4 14.0

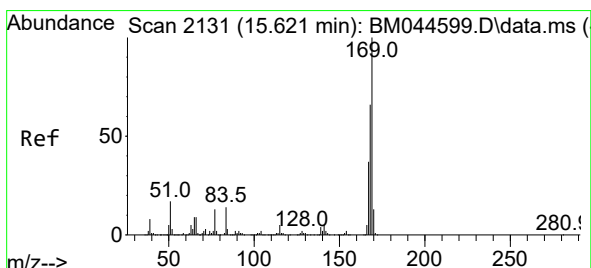
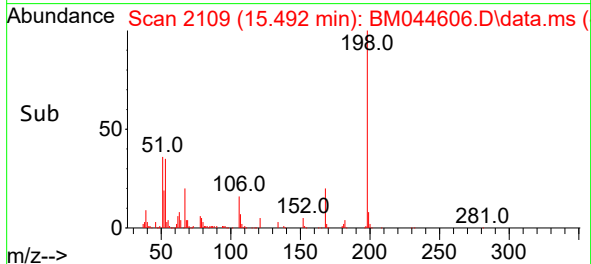
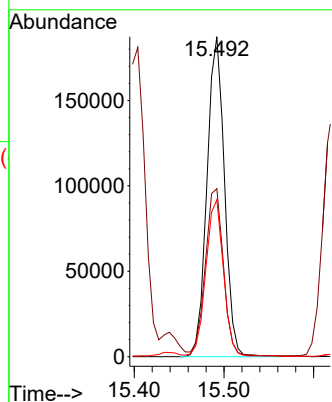
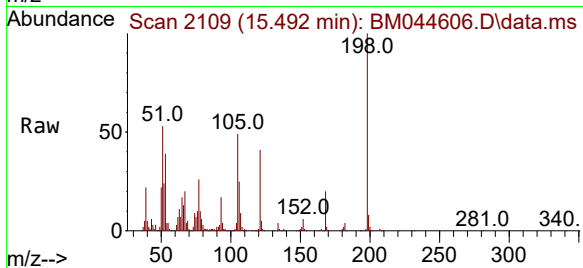




#65
4,6-Dinitro-2-methylphenol
Concen: 48.112 ng
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

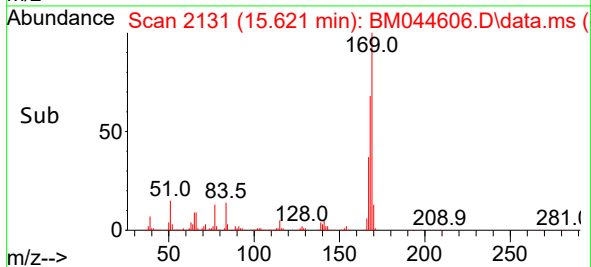
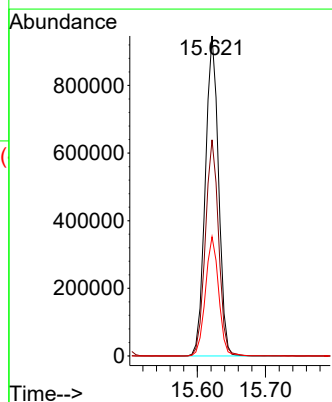
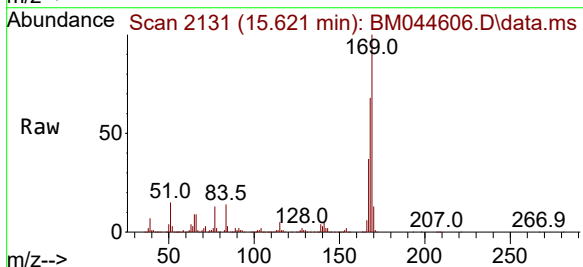
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

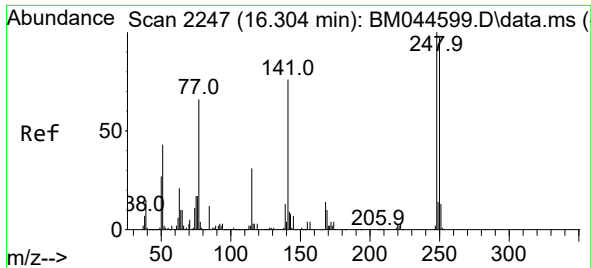
Tgt Ion:198 Resp: 253267
Ion Ratio Lower Upper
198 100
51 52.5 35.0 75.0
105 49.1 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 48.819 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:169 Resp: 1277141
Ion Ratio Lower Upper
169 100
168 67.5 53.1 79.7
167 37.3 29.5 44.3

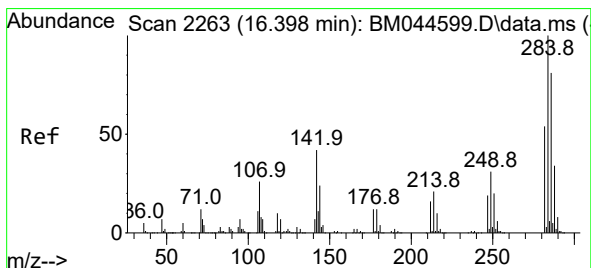
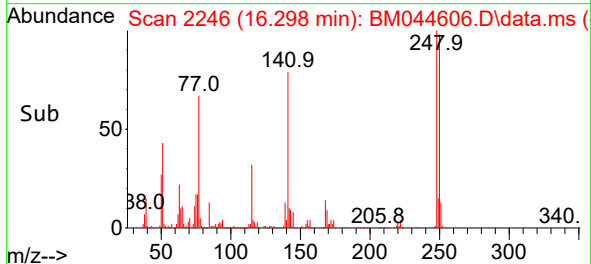
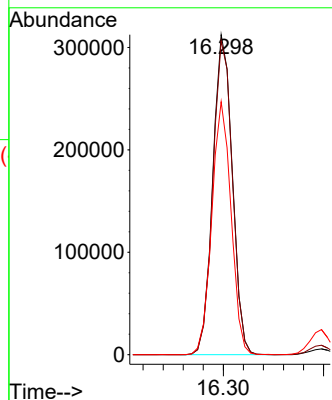
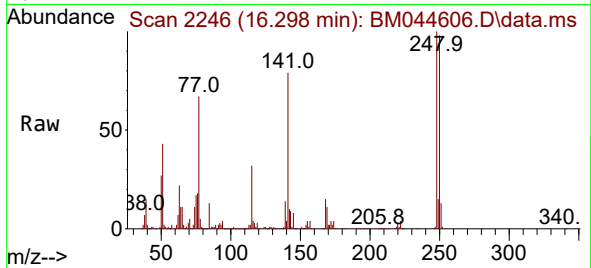




#67
4-Bromophenyl-phenylether
Concen: 48.604 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

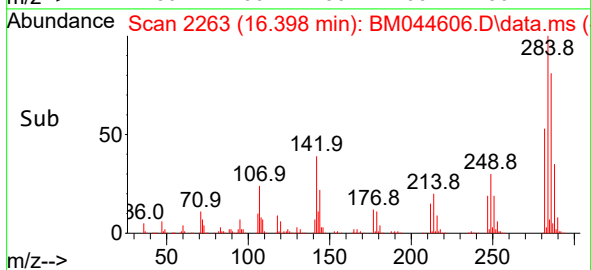
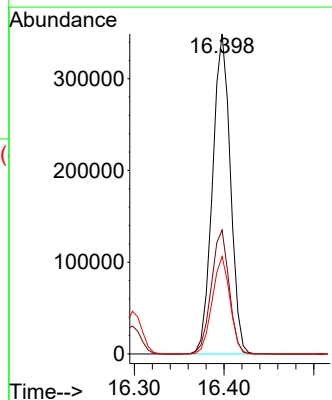
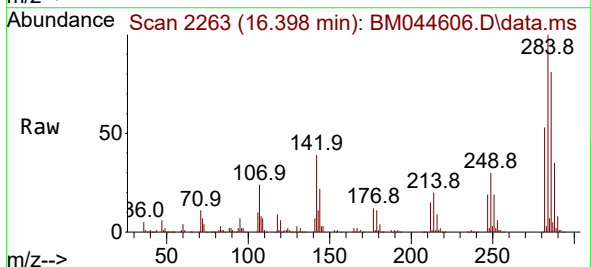
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

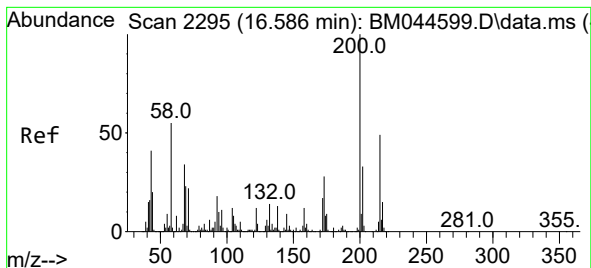
Tgt Ion:248 Resp: 421993
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 79.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 52.163 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:284 Resp: 481430
Ion Ratio Lower Upper
284 100
142 38.7 33.7 50.5
249 30.4 24.8 37.2





#69

Atrazine

Concen: 48.809 ng

RT: 16.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

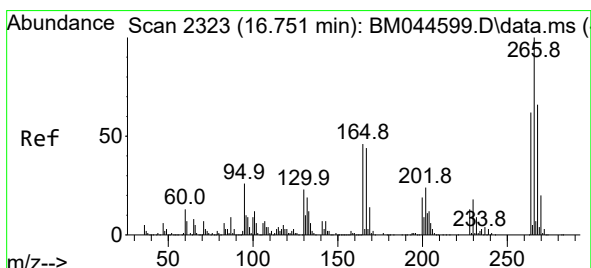
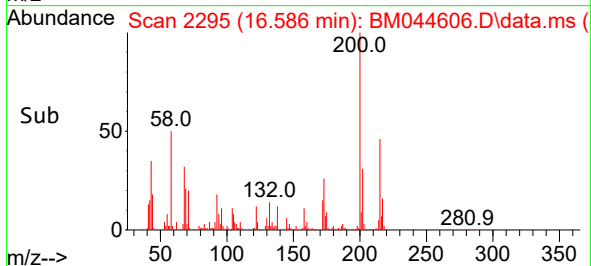
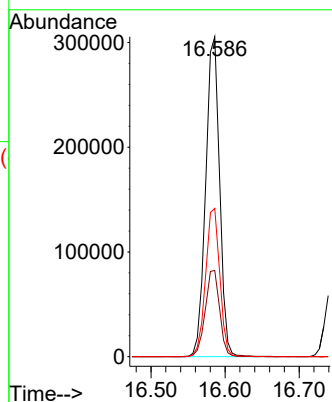
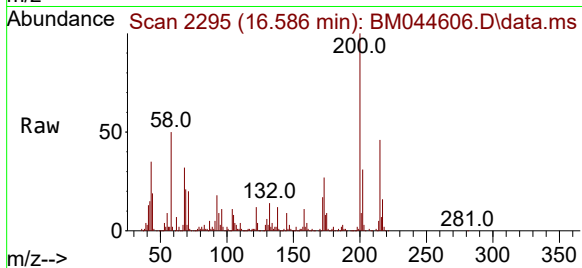
Tgt Ion:200 Resp: 398998

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 46.4 28.7 68.7



#70

Pentachlorophenol

Concen: 96.227 ng

RT: 16.751 min Scan# 2323

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

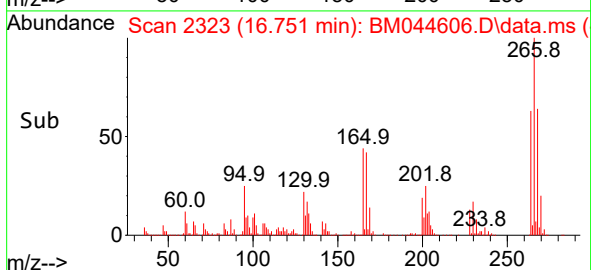
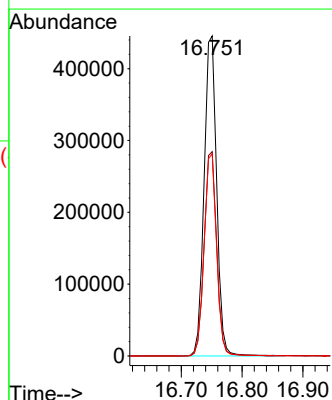
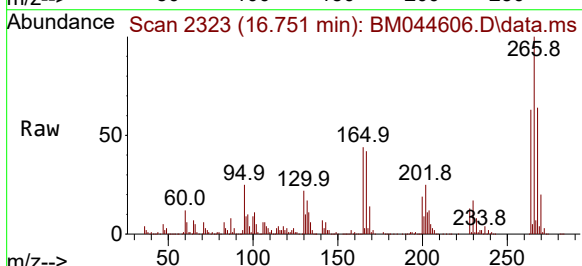
Tgt Ion:266 Resp: 638832

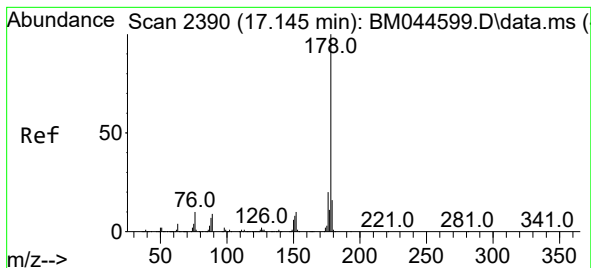
Ion Ratio Lower Upper

266 100

268 63.8 52.4 78.6

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 47.020 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

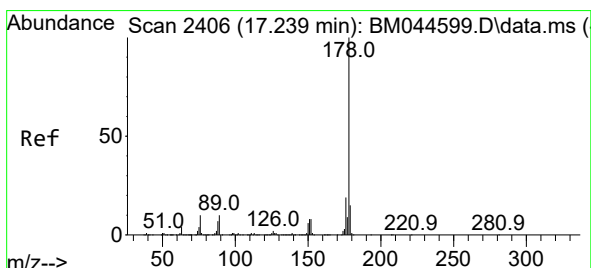
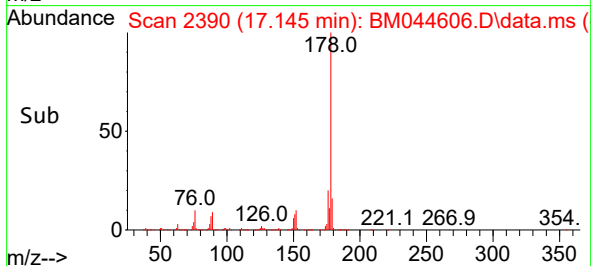
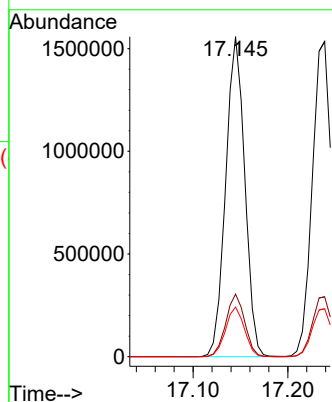
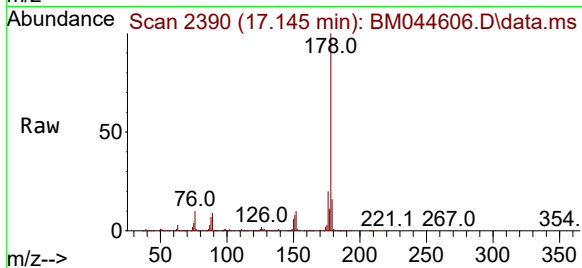
Tgt Ion:178 Resp: 2181135

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 47.382 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

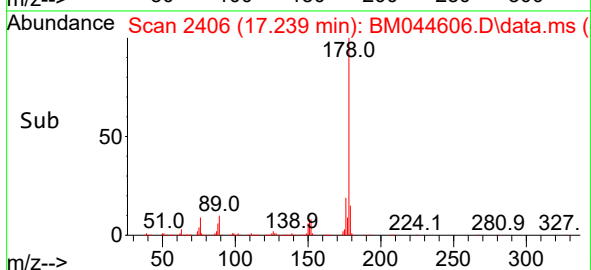
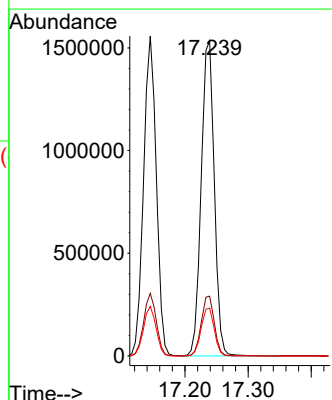
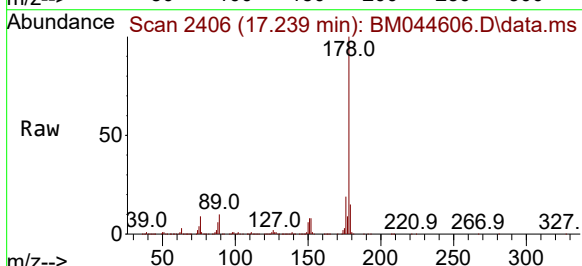
Tgt Ion:178 Resp: 2204372

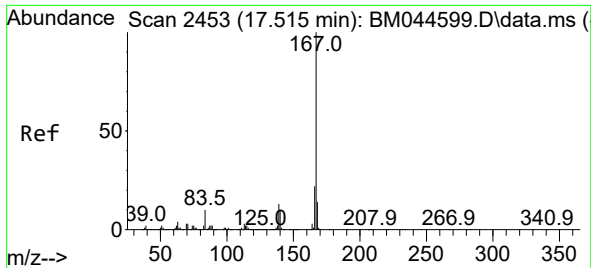
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.2 12.2 18.4

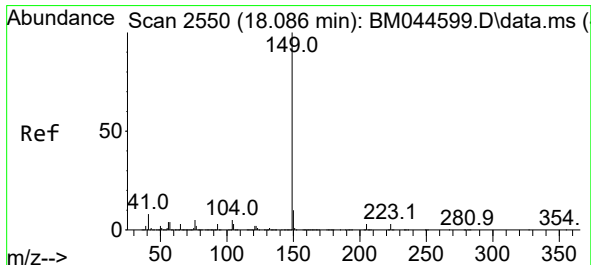
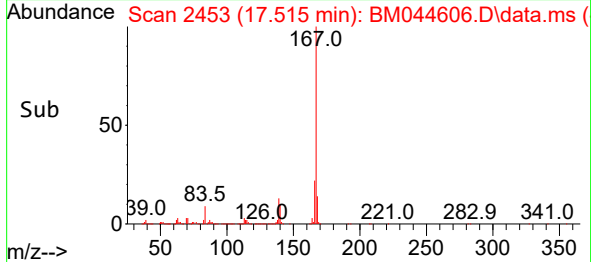
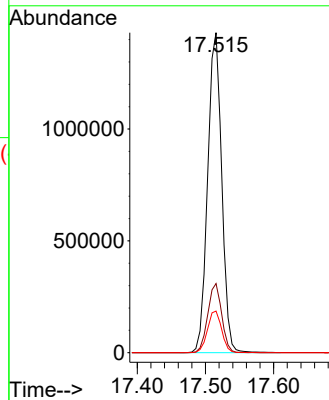
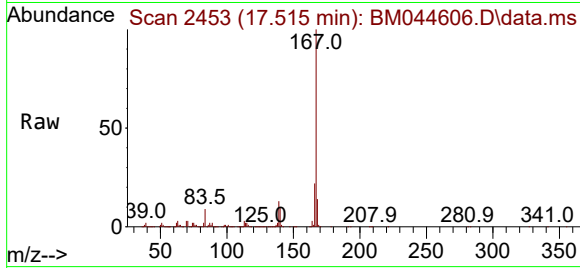




#73
 Carbazole
 Concen: 46.793 ng
 RT: 17.515 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

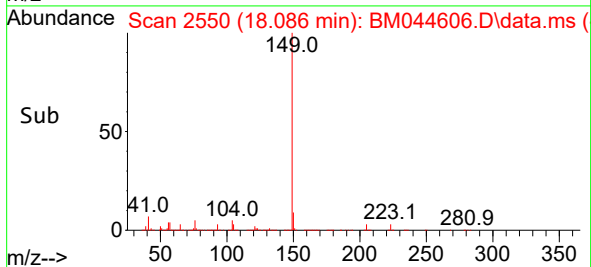
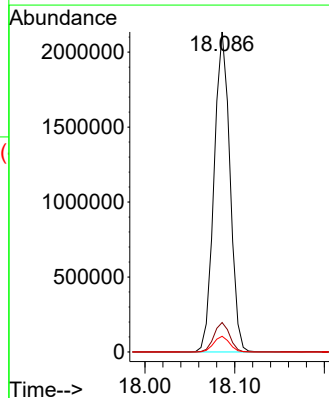
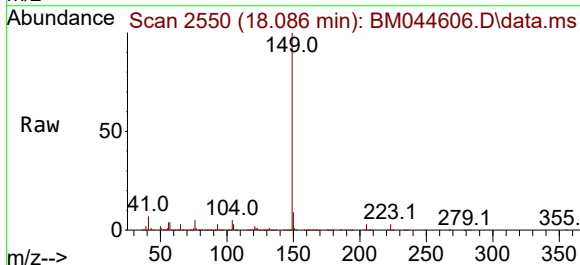
Instrument :
 BNA_M
 ClientSampleId :
 PB159537BSD

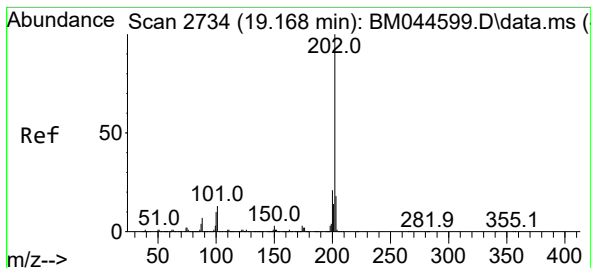
Tgt Ion:167 Resp: 2050365
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 46.391 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. 0.000 min
 Lab File: BM044606.D
 Acq: 13 Mar 2024 20:24

Tgt Ion:149 Resp: 2619282
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 44.082 ng

RT: 19.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

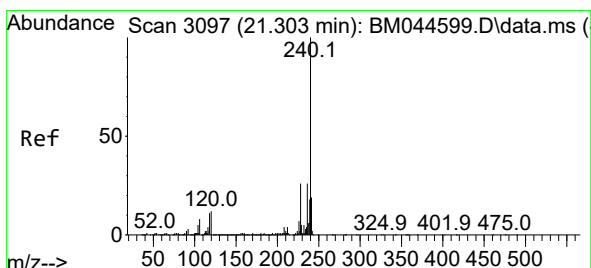
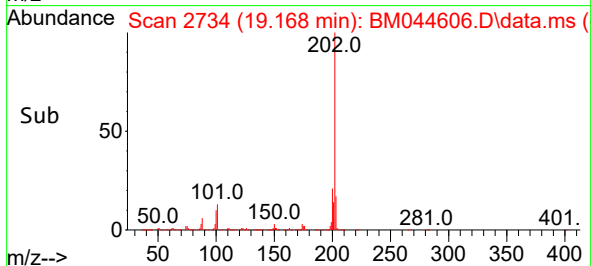
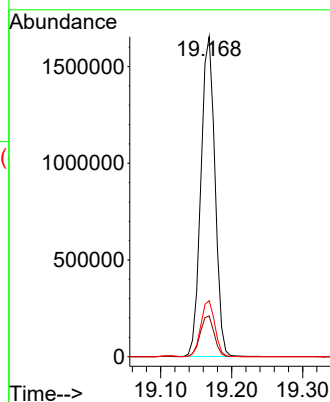
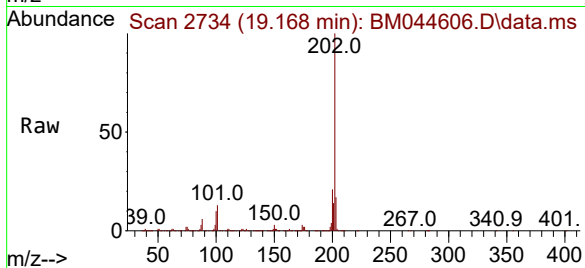
Tgt Ion:202 Resp: 2285830

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.3

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

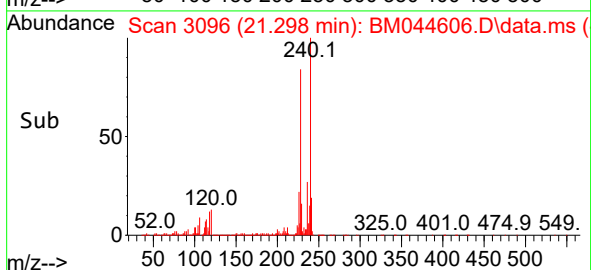
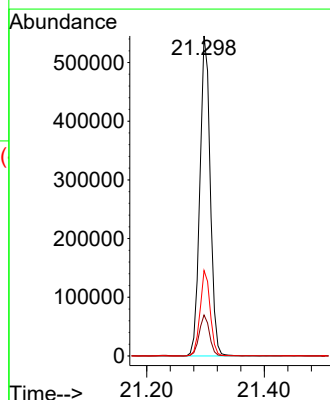
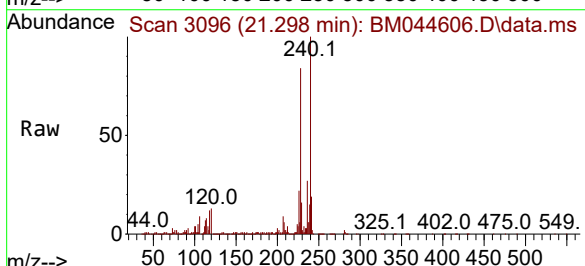
Tgt Ion:240 Resp: 664856

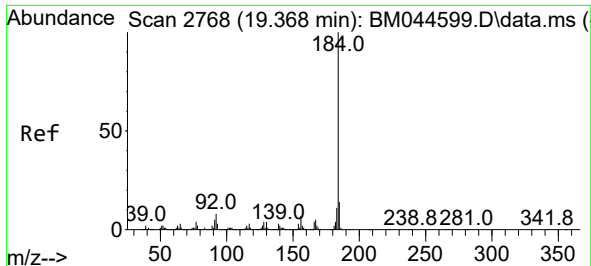
Ion Ratio Lower Upper

240 100

120 12.8 9.7 14.5

236 26.7 21.0 31.4

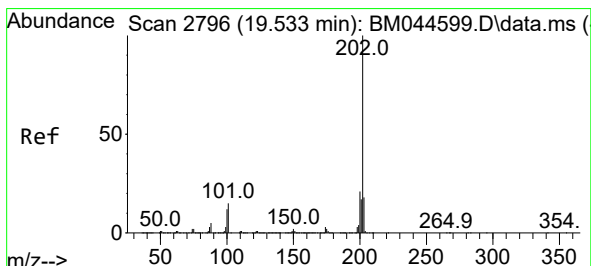
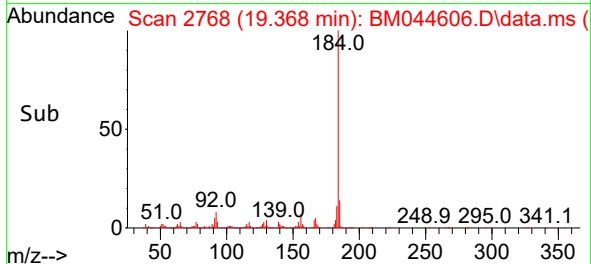
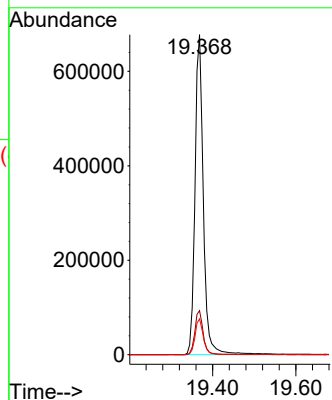
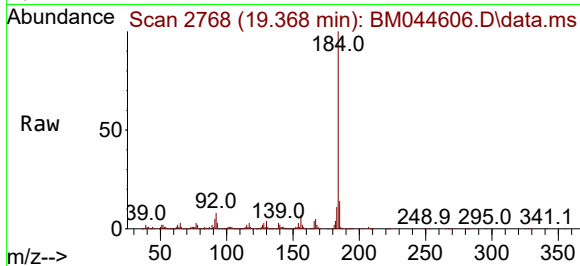




#77
Benzidine
Concen: 54.942 ng
RT: 19.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

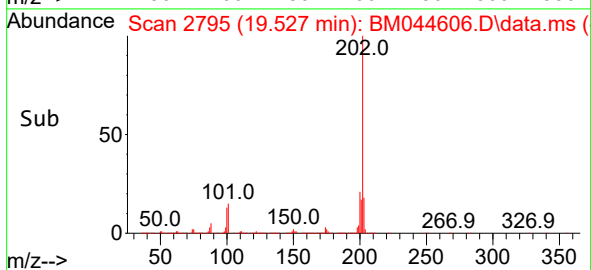
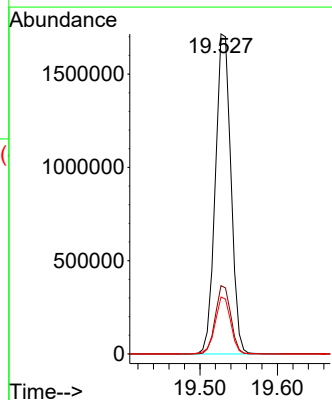
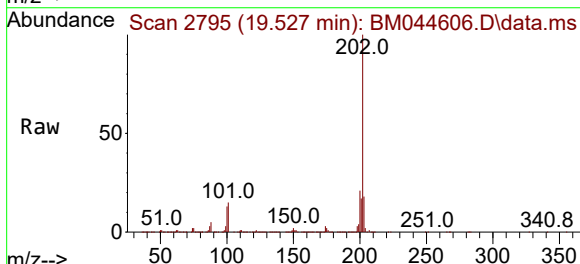
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

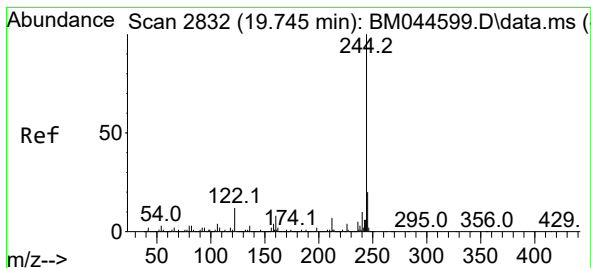
Tgt Ion:184 Resp: 944084
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.6
183 11.2 8.7 13.1



#78
Pyrene
Concen: 49.089 ng
RT: 19.527 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:202 Resp: 2392049
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 90.708 ng

RT: 19.745 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

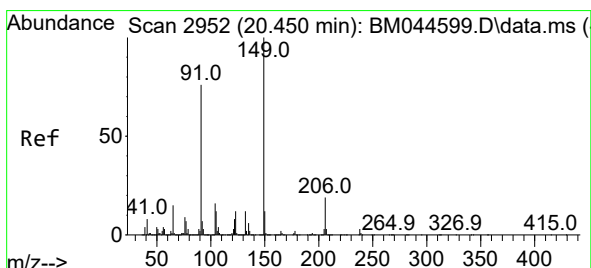
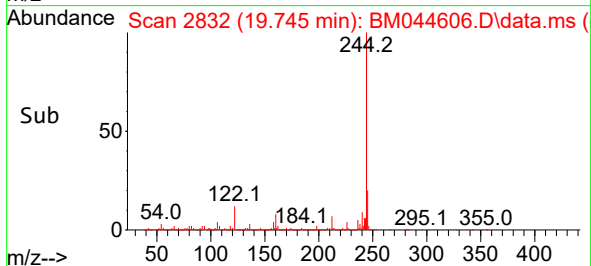
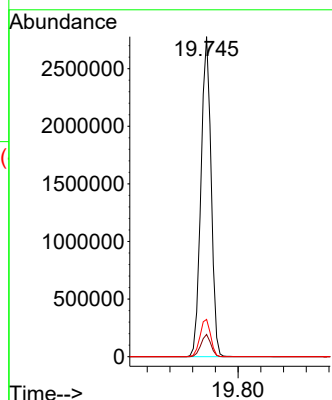
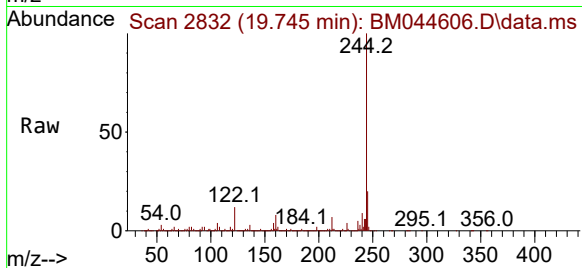
Tgt Ion:244 Resp: 3447446

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.7 9.7 14.5



#80

Butylbenzylphthalate

Concen: 49.340 ng

RT: 20.451 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

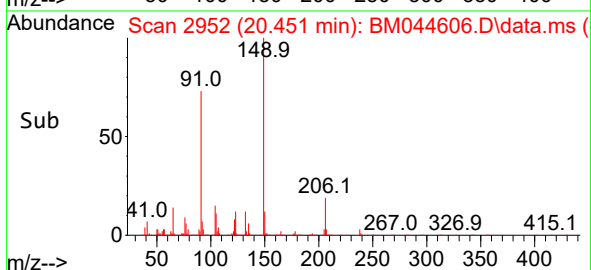
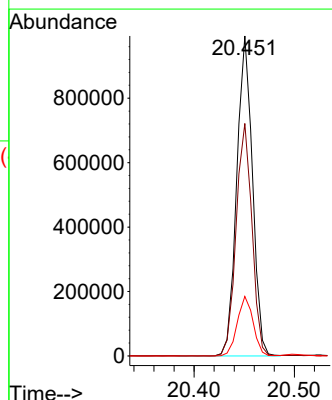
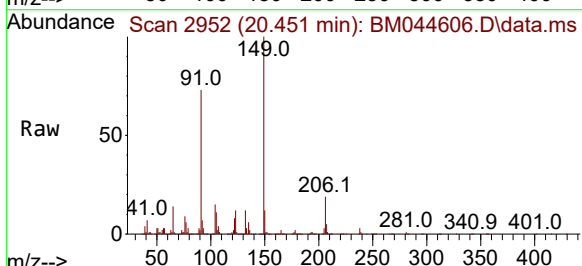
Tgt Ion:149 Resp: 1083552

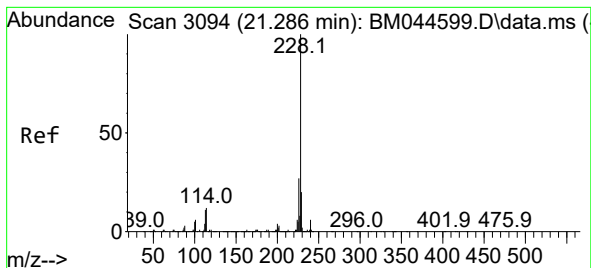
Ion Ratio Lower Upper

149 100

91 72.7 61.0 91.6

206 18.6 15.0 22.6





#81

Benzo(a)anthracene

Concen: 48.109 ng

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

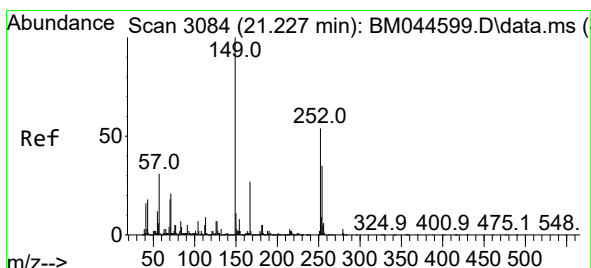
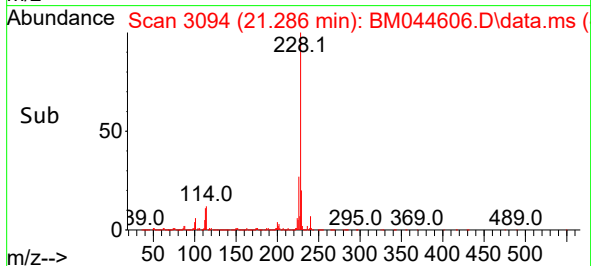
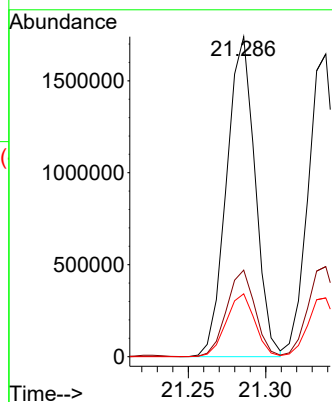
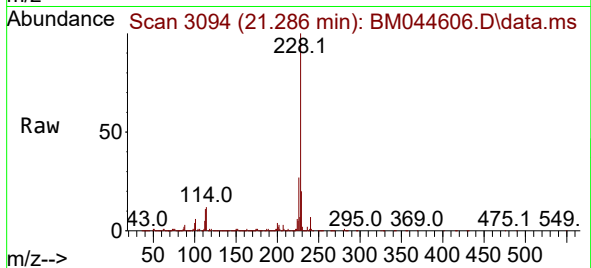
Tgt Ion:228 Resp: 2225547

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 39.139 ng

RT: 21.227 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

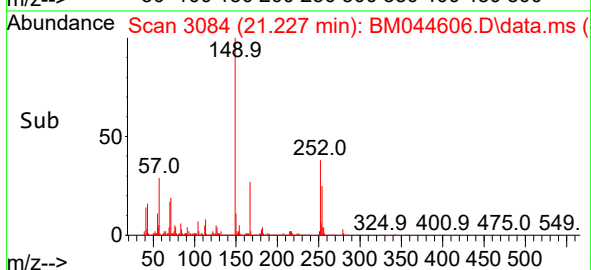
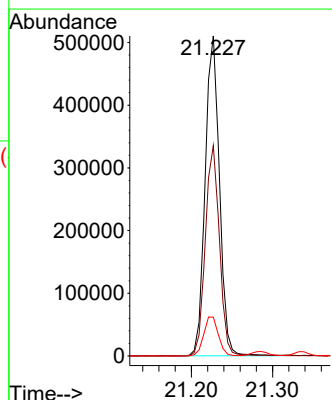
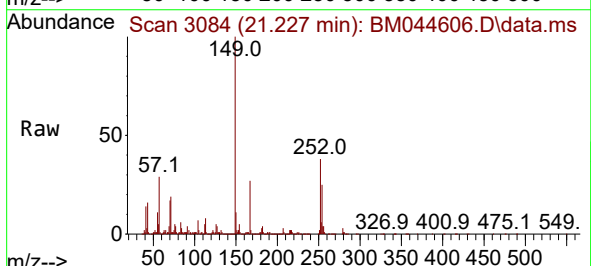
Tgt Ion:252 Resp: 623589

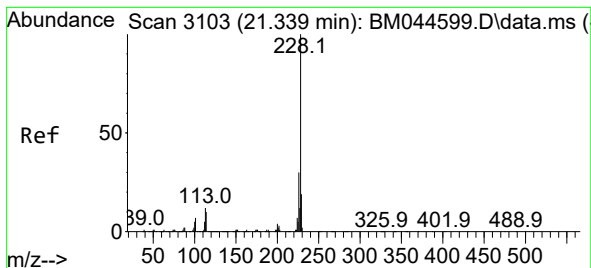
Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.0

126 12.2 9.8 14.6





#83

Chrysene

Concen: 47.824 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

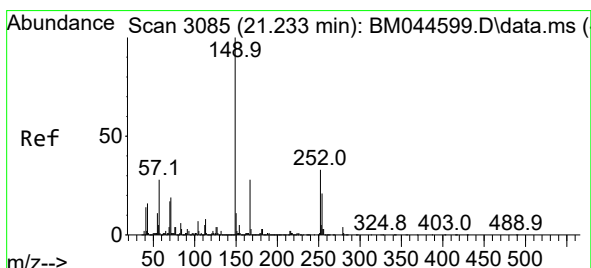
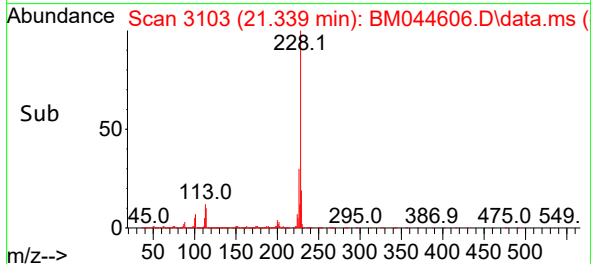
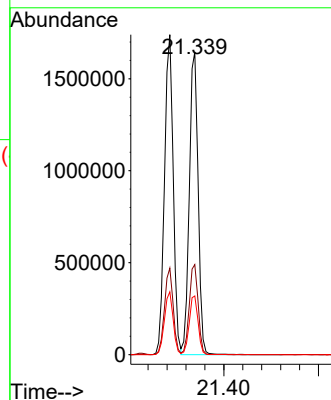
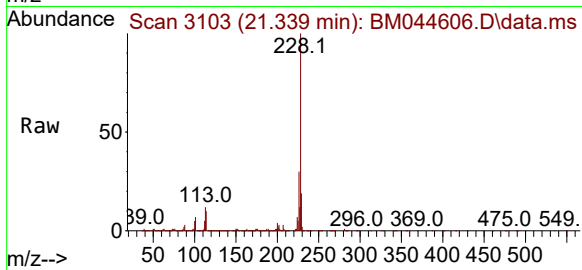
Tgt Ion:228 Resp: 2114045

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.312 ng

RT: 21.233 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

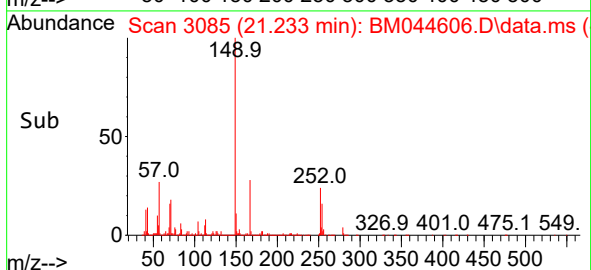
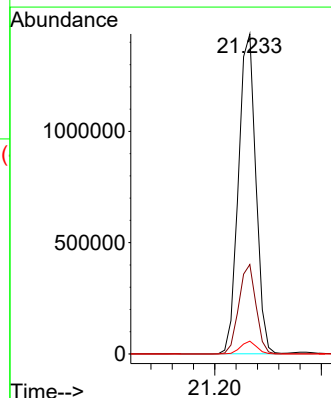
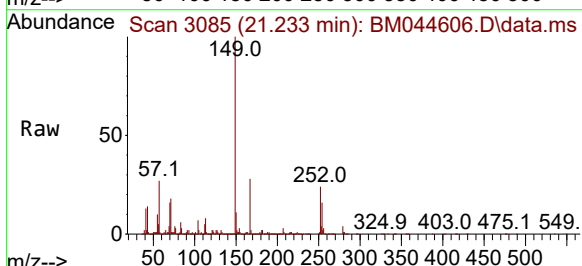
Tgt Ion:149 Resp: 1631504

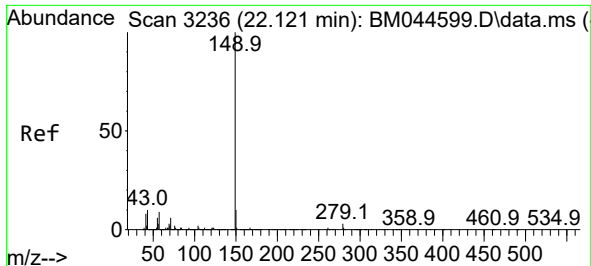
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.0 3.0 4.4

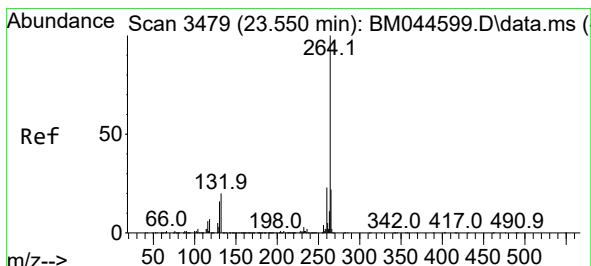
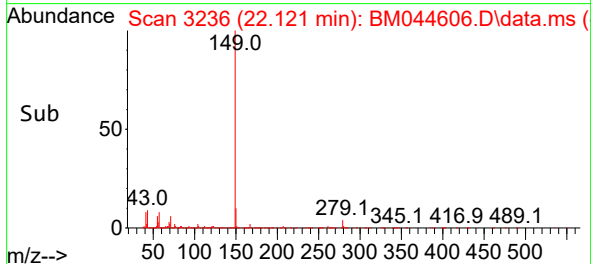
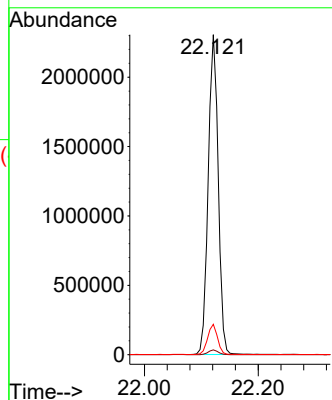
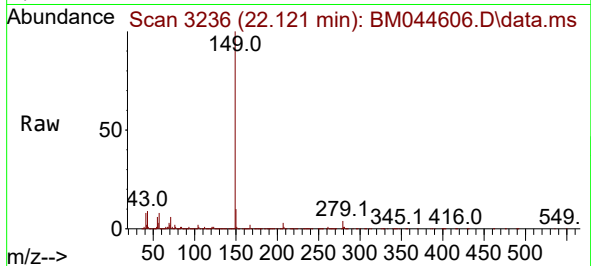




#85
Di-n-octyl phthalate
Concen: 48.789 ng
RT: 22.121 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

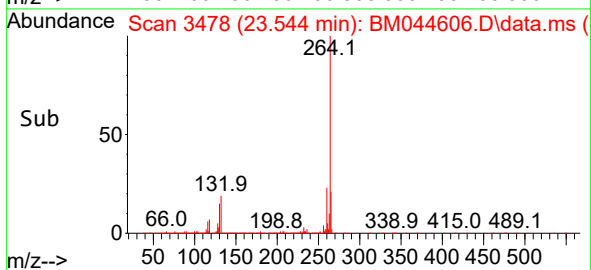
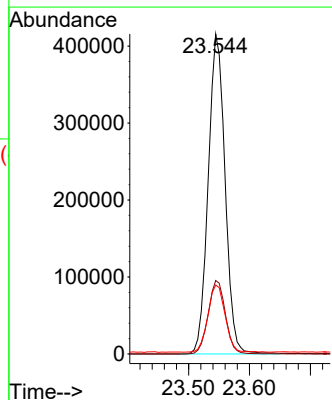
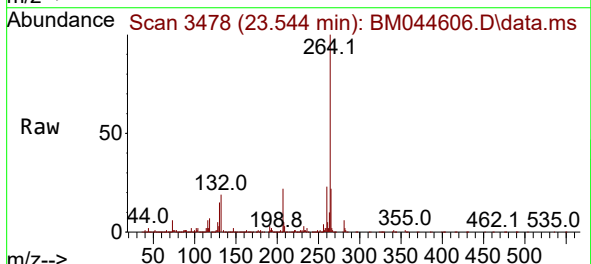
Instrument :
BNA_M
ClientSampleId :
PB159537BSD

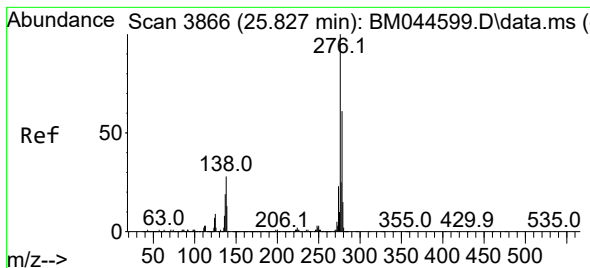
Tgt Ion:149 Resp: 2799980
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.544 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM044606.D
Acq: 13 Mar 2024 20:24

Tgt Ion:264 Resp: 798921
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.900 ng

RT: 25.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

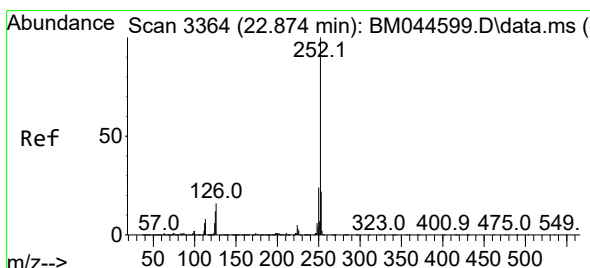
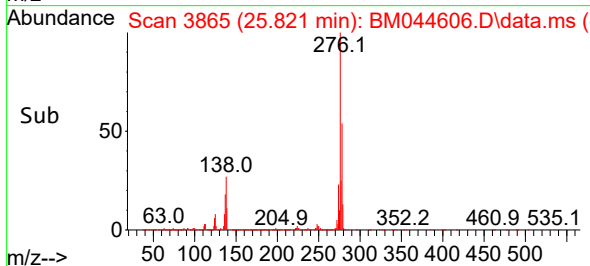
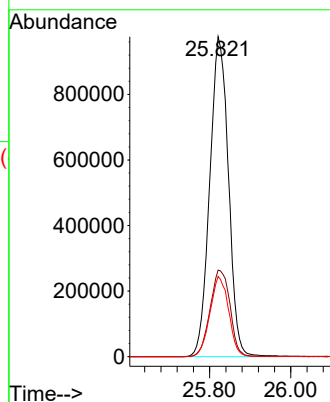
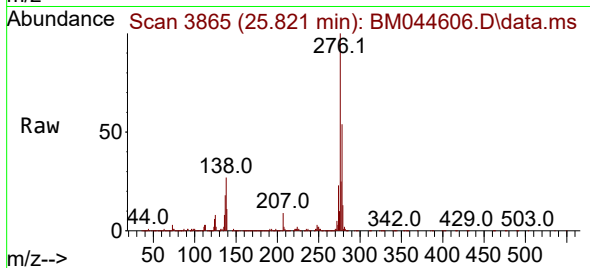
Tgt Ion:276 Resp: 3112960

Ion Ratio Lower Upper

276 100

138 28.9 23.6 35.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.930 ng

RT: 22.874 min Scan# 3364

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

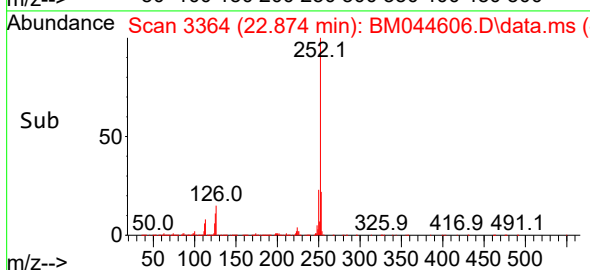
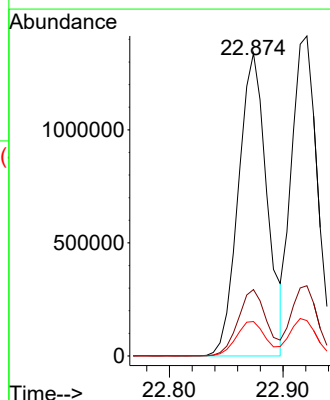
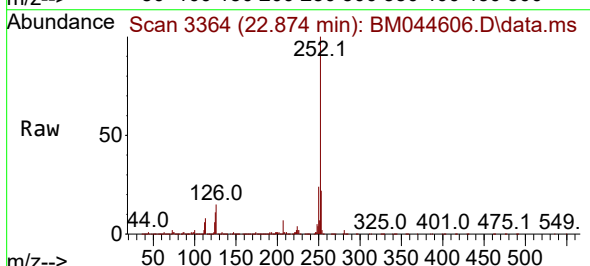
Tgt Ion:252 Resp: 2344256

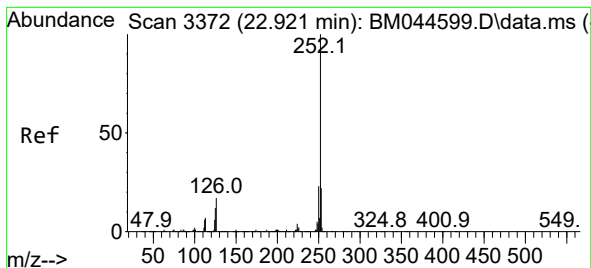
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.4 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 46.133 ng

RT: 22.921 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

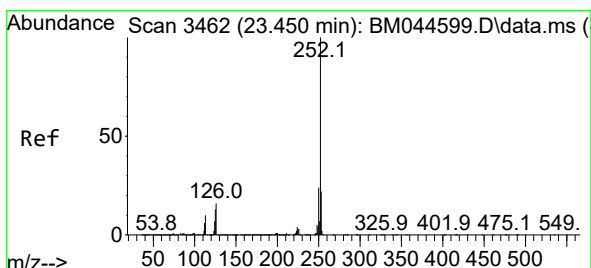
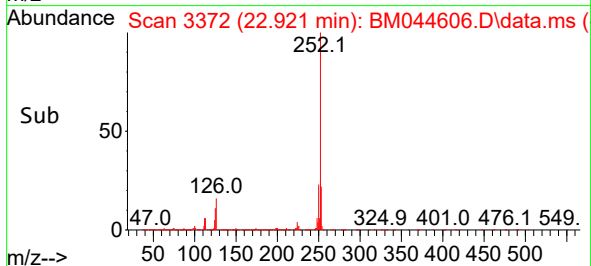
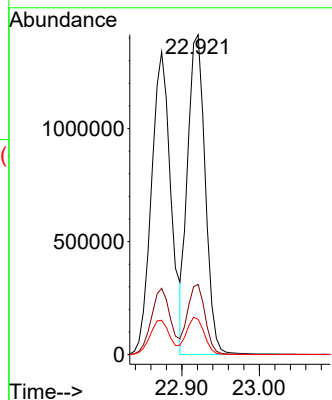
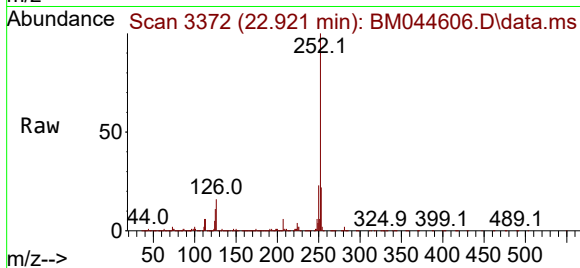
Tgt Ion:252 Resp: 2226658

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 48.028 ng

RT: 23.450 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

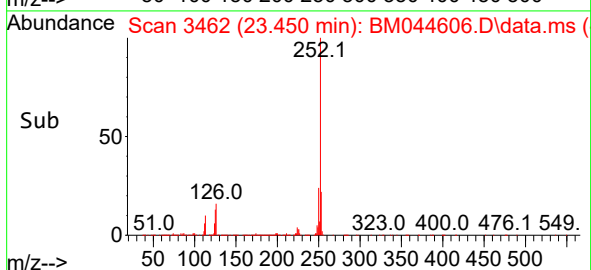
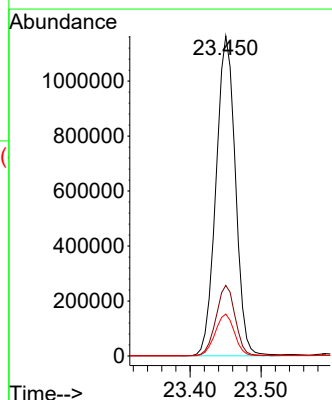
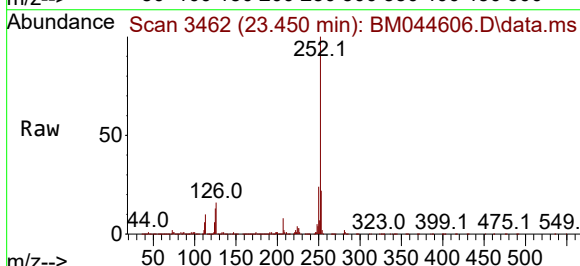
Tgt Ion:252 Resp: 2199376

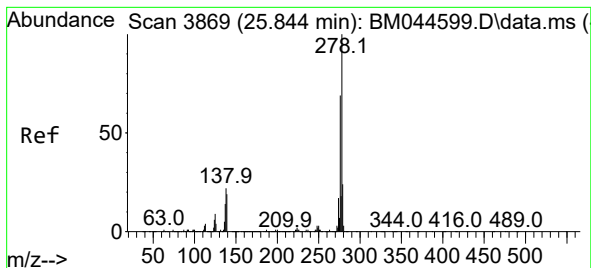
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 13.1 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 52.675 ng

RT: 25.838 min Scan# 3868

Delta R.T. -0.006 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Instrument :

BNA_M

ClientSampleId :

PB159537BSD

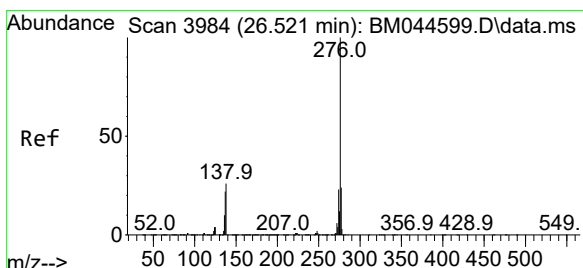
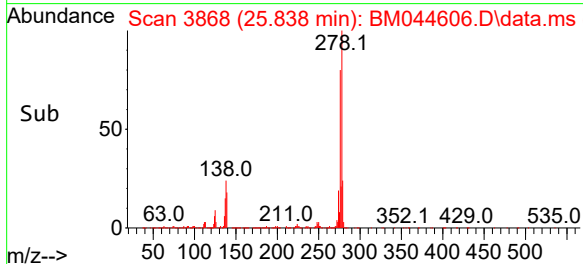
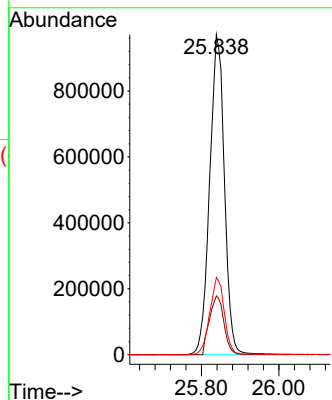
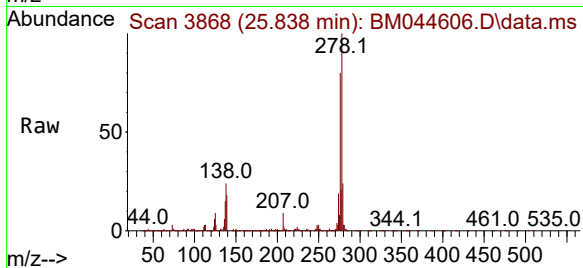
Tgt Ion:278 Resp: 2564749

Ion Ratio Lower Upper

278 100

139 18.4 15.0 22.6

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 52.045 ng

RT: 26.521 min Scan# 3984

Delta R.T. 0.000 min

Lab File: BM044606.D

Acq: 13 Mar 2024 20:24

Tgt Ion:276 Resp: 2494490

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 24.5 20.7 31.1

