

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
 Data File : BM044508.D
 Acq On : 05 Mar 2024 18:53
 Operator : MA/JU
 Sample : SP6445
 Misc : SFAM SPIKE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6445

Quant Time: Mar 05 23:25:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	201144	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	933009	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.368	164	576873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1191772	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	956404	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	1014296	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	419	0.071	ng/uL	0.10
4) Pyridine-d5	3.681	84	1268	0.073	ng/u1	0.00
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.075	67	132	0.010	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	1995	0.131	ng/u1	0.03
15) 4-Methylphenol-d8	8.551	113	166351	10.243	ng/u1	0.11
21) Nitrobenzene-d5	8.822	128	67	0.009	ng/u1	-0.07
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	10.163	165	59845	4.152	ng/u1	0.02
31) 4-Chloroaniline-d4	10.680	131	1843	0.077	ng/u1	0.02
46) Dimethylphthalate-d6	13.845	166	3074	0.068	ng/u1	0.05
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	14.592	143	720	0.077	ng/u1	0.01
60) Fluorene-d10	15.362	176	854	0.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	10158	1.313	ng/u1	0.02
73) Anthracene-d10	17.121	188	1191772	20.921	ng/u1	-0.10
81) Pyrene-d10	19.521	212	894	0.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1005207	18.855	ng/u1	0.14
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	212191	34.561	ng/uL	97
5) Pyridine	3.699	79	1460857	80.692	ng/u1	95
6) Benzaldehyde	6.892	77	1216375	135.041	ng/u1	99
8) Phenol	6.934	94	1976710	93.658	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.175	93	1523335	87.899	ng/u1	99
12) 2-Chlorophenol	7.298	128	1510934	96.392	ng/u1	99
13) 2-Methylphenol	8.175	108	1507230	94.107	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1992872	87.076	ng/u1	100
16) Acetophenone	8.563	105	2183113	86.671	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.551	70	1138017	87.447	ng/u1	99
18) 4-Methylphenol	8.510	108	1614415	92.599	ng/u1	95
19) Hexachloroethane	8.792	117	573797	89.366	ng/u1	98
22) Nitrobenzene	8.939	77	1665486	89.390	ng/u1	100
23) Isophorone	9.463	82	3421487	90.009	ng/u1	99
25) 2-Nitrophenol	9.639	139	853575	92.443	ng/u1	97
26) 2,4-Dimethylphenol	9.704	107	1632868	97.188	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.945	93	2117891	88.591	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	1365438	94.883	ng/u1	99
30) Naphthalene	10.569	128	4638030	87.770	ng/u1	100
32) 4-Chloroaniline	10.686	127	1652076	71.582	ng/u1	98
33) Hexachlorobutadiene	10.833	225	722417	89.565	ng/u1	98
34) Caprolactam	11.504	113	445050	79.413	ng/u1	95
35) 4-Chloro-3-methylphenol	11.816	107	1584240	94.931	ng/u1	100
36) 2-Methylnaphthalene	12.180	142	3100210	88.225	ng/u1	99

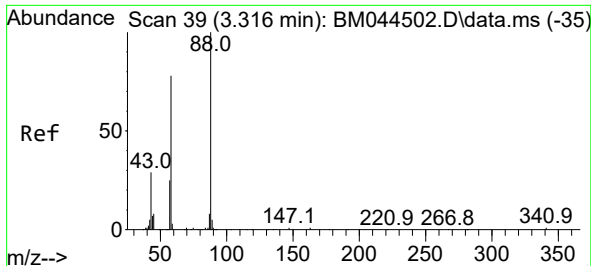
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	3087477	89.066	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	1438230	87.634	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	953425	87.515	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	1066620	92.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	1144607	92.832	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	3870628	84.496	ng/ul	100
44) 2-Chloronaphthalene	13.245	162	3072185	85.462	ng/ul	99
45) 2-Nitroaniline	13.463	65	1044102	92.518	ng/ul	95
47) Dimethylphthalate	13.845	163	3968207	86.177	ng/ul	100
48) 2,6-Dinitrotoluene	13.968	165	887778	96.522	ng/ul	96
50) Acenaphthylene	14.092	152	5160240	85.549	ng/ul	100
51) 3-Nitroaniline	14.298	138	963309	96.964	ng/ul	99
52) Acenaphthene	14.439	153	3325325	83.860	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	581281	98.800	ng/ul	97
55) 4-Nitrophenol	14.604	109	590389	89.790	ng/ul	95
56) Dibenzofuran	14.774	168	4312451	81.758	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	1214734	91.493	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	928229	90.972	ng/ul	99
59) Diethylphthalate	15.215	149	4070887	85.185	ng/ul	99
61) Fluorene	15.427	166	3405996	78.954	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.427	204	1572196	78.523	ng/ul	99
63) 4-Nitroaniline	15.468	138	1026291	108.085	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.515	198	764788	92.513	ng/ul#	97
67) N-Nitrosodiphenylamine	15.645	169	3136964	87.395	ng/ul	99
68) 4-Bromophenyl-phenylether	16.321	248	1076461	90.305	ng/ul	96
69) Hexachlorobenzene	16.421	284	1187643	87.472	ng/ul	96
70) Atrazine	16.609	200	1148693	97.932	ng/ul	99
71) Pentachlorophenol	16.768	266	840585	93.758	ng/ul	98
72) Phenanthrene	17.168	178	5745088	84.979	ng/ul	100
74) Anthracene	17.256	178	5858922	85.691	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	1458237	91.609	ng/ul	99
76) Pentachlorobenzene	14.686	250	1330734	86.470	ng/ul	100
77) Carbazole	17.533	167	5630859	87.641	ng/ul	99
78) Di-n-butylphthalate	18.103	149	7332656	84.848	ng/ul	99
80) Fluoranthene	19.186	202	6581049	94.207	ng/ul	96
82) Pyrene	19.545	202	6799596	93.493	ng/ul	97
83) Butylbenzylphthalate	20.462	149	3457129	96.672	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.239	252	1963717	94.919	ng/ul	99
85) Benzo(a)anthracene	21.297	228	6319344	87.986	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	4284233	82.166	ng/ul	99
87) Chrysene	21.350	228	5823439	87.578	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	8461657	93.218	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	6332255	93.300	ng/ul	99
91) Benzo(k)fluoranthene	22.938	252	5757505	86.614	ng/ul	98
93) Benzo(a)pyrene	23.468	252	5690026	89.623	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	5960396	83.702	ng/ul	97
95) Dibenzo(a,h)anthracene	25.868	278	4936099	83.133	ng/ul	98
96) Benzo(g,h,i)perylene	26.544	276	4794494	84.371	ng/ul	98

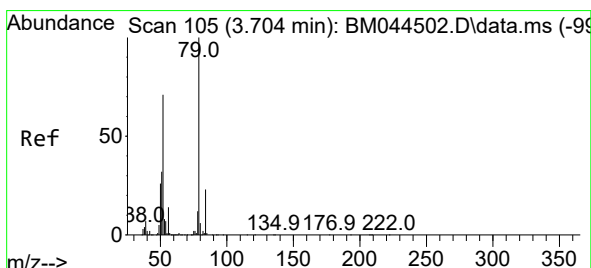
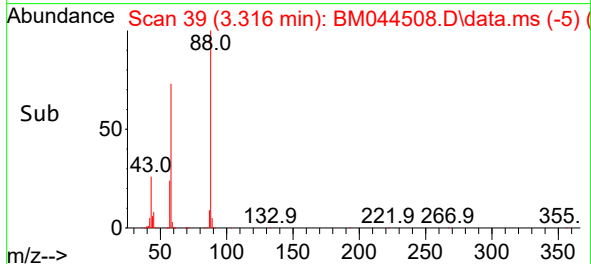
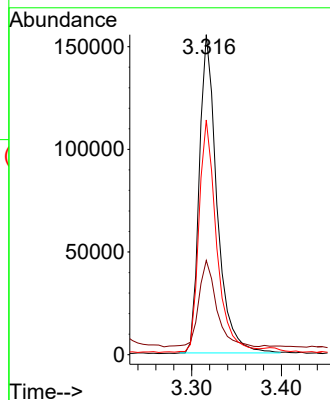
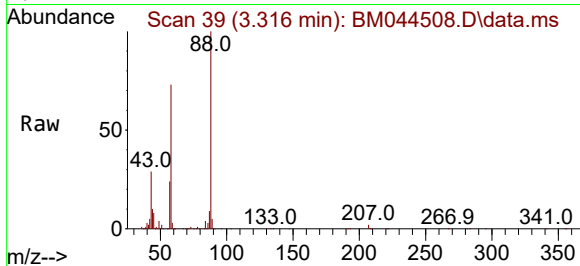
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#2
1,4-Dioxane
Concen: 34.561 ng/uL
RT: 3.316 min Scan# 39
Delta R.T. -0.000 min
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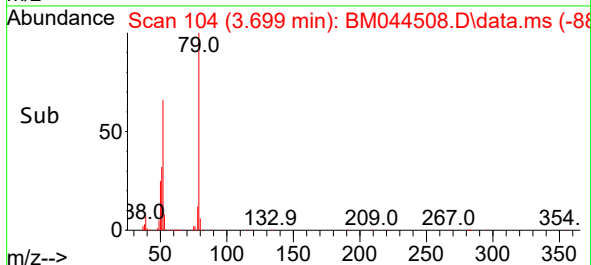
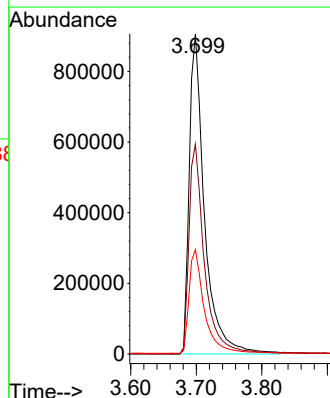
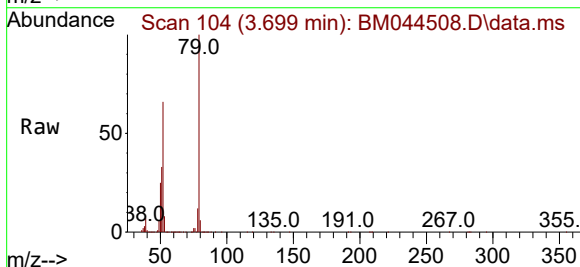
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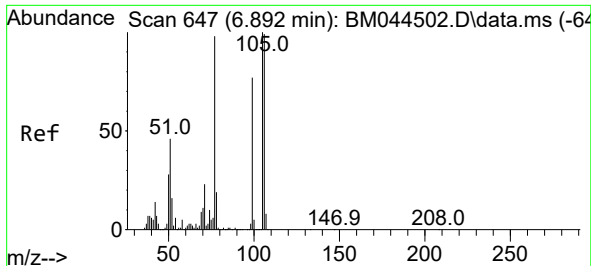
Tgt Ion: 88 Resp: 212191
Ion Ratio Lower Upper
88 100
43 29.4 23.8 35.6
58 73.3 61.6 92.4



#5
Pyridine
Concen: 80.692 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion: 79 Resp: 1460857
Ion Ratio Lower Upper
79 100
52 65.6 57.4 86.0
51 32.6 26.6 39.8

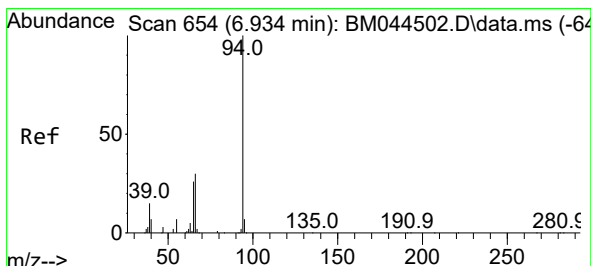
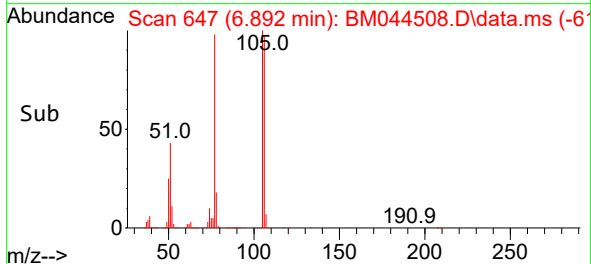
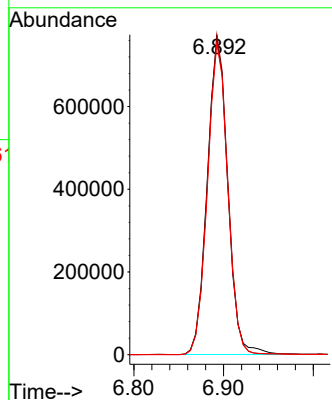
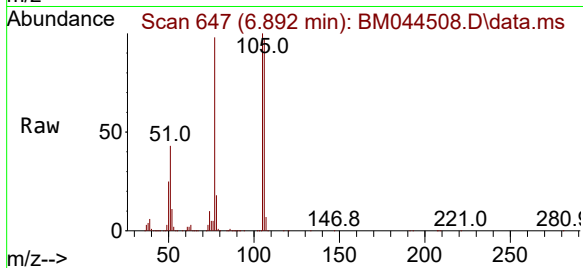




#6
Benzaldehyde
Concen: 135.041 ng/ul
RT: 6.892 min Scan# 647
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

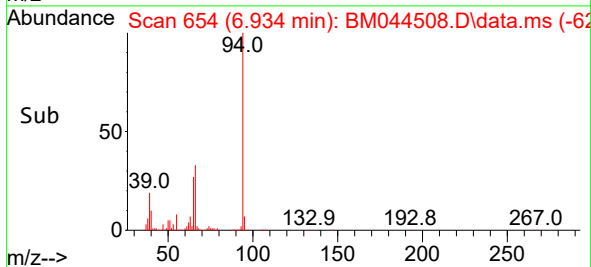
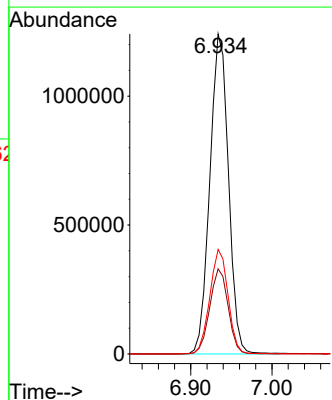
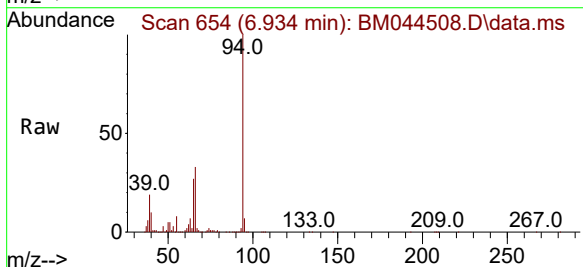
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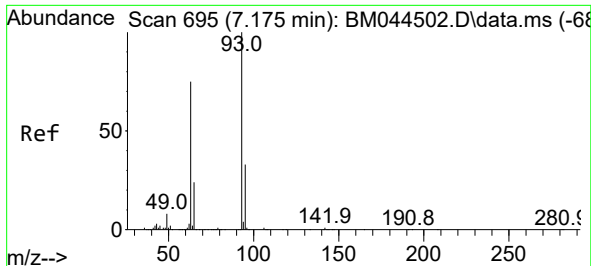
Tgt Ion: 77 Resp: 1216375
Ion Ratio Lower Upper
77 100
105 101.6 81.4 122.0
106 98.8 80.2 120.4



#8
Phenol
Concen: 93.658 ng/ul
RT: 6.934 min Scan# 654
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion: 94 Resp: 1976710
Ion Ratio Lower Upper
94 100
65 26.6 21.3 31.9
66 32.7 25.4 38.2

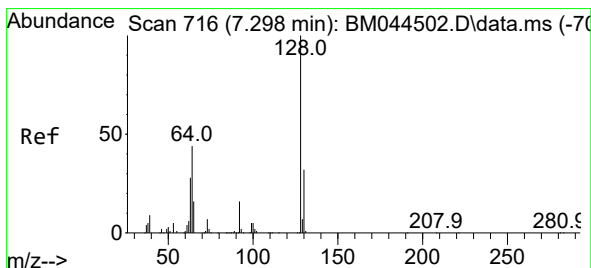
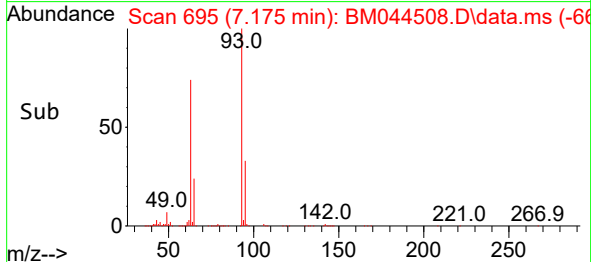
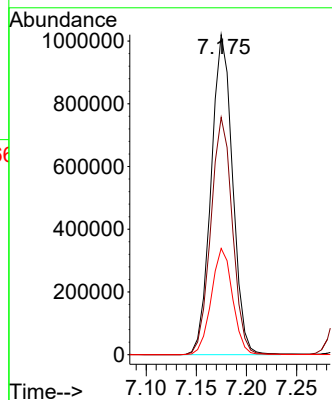
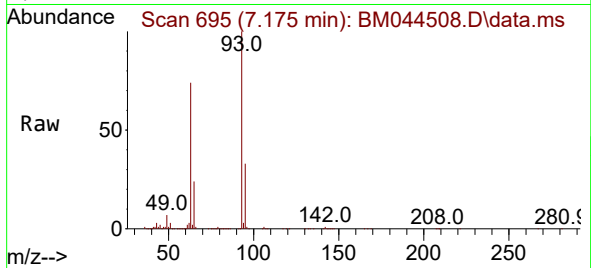




#10
Bis(2-Chloroethyl)ether
Concen: 87.899 ng/ul
RT: 7.175 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

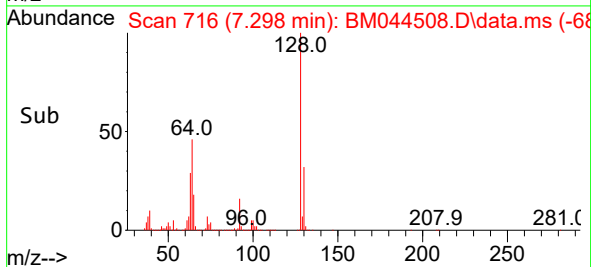
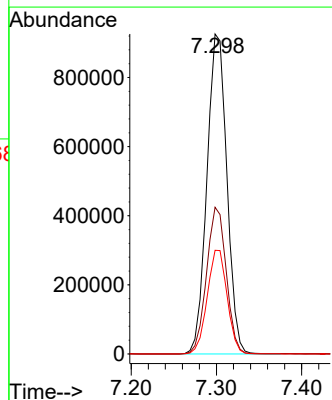
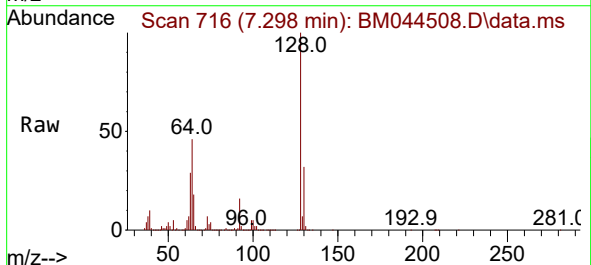
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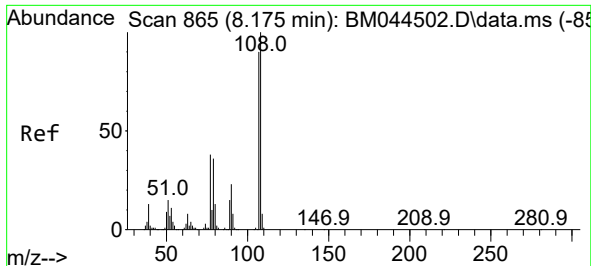
Tgt Ion: 93 Resp: 1523335
Ion Ratio Lower Upper
93 100
63 74.2 60.2 90.4
95 33.2 26.8 40.2



#12
2-Chlorophenol
Concen: 96.392 ng/ul
RT: 7.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:128 Resp: 1510934
Ion Ratio Lower Upper
128 100
64 45.9 37.4 56.2
130 32.4 25.4 38.0





#13

2-Methylphenol

Concen: 94.107 ng/ul

RT: 8.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

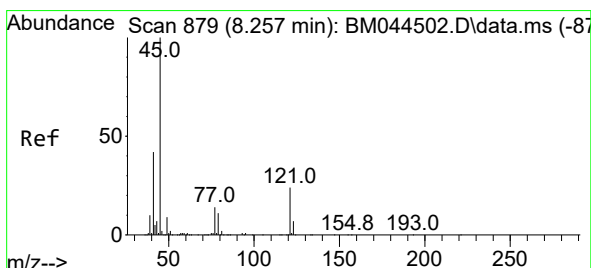
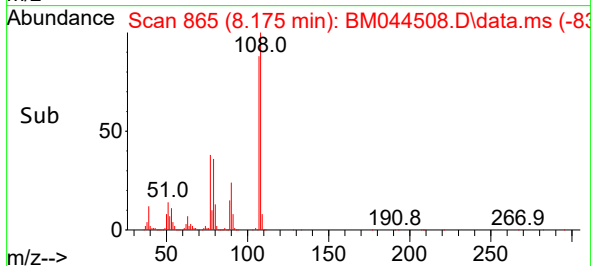
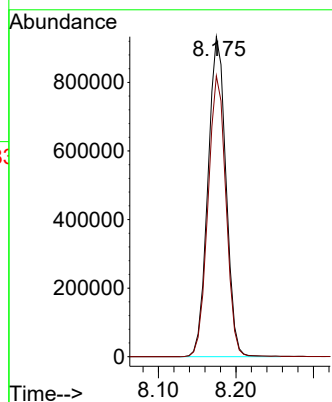
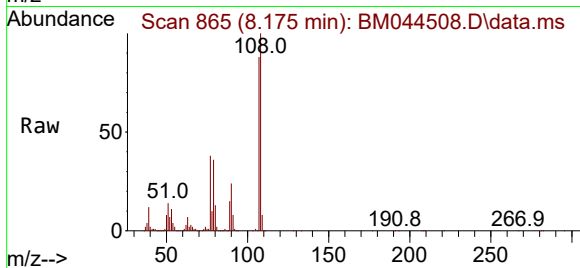
SP6445

Tgt Ion:108 Resp: 1507230

Ion Ratio Lower Upper

108 100

107 87.8 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 87.076 ng/ul

RT: 8.257 min Scan# 879

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

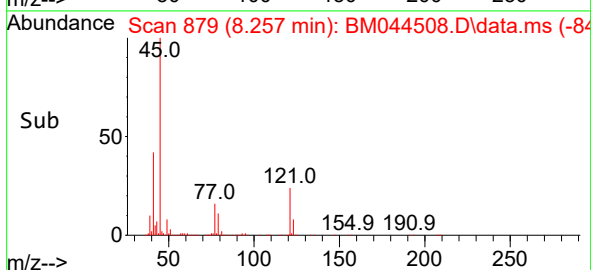
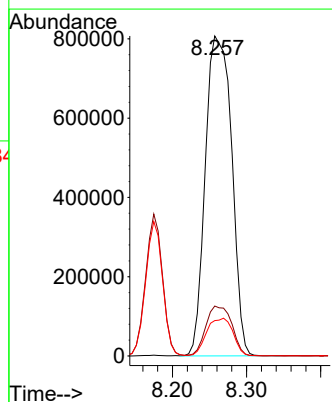
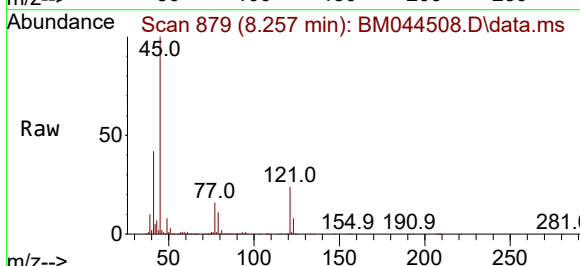
Tgt Ion: 45 Resp: 1992872

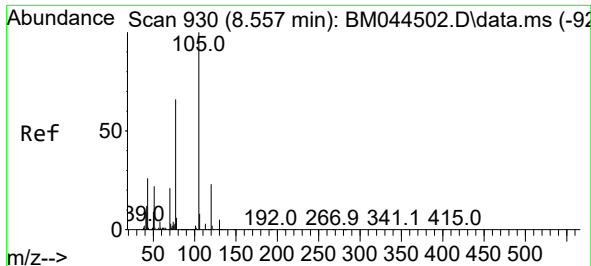
Ion Ratio Lower Upper

45 100

77 15.6 12.4 18.6

79 11.1 9.0 13.6

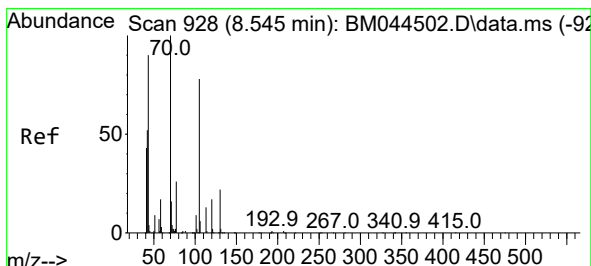
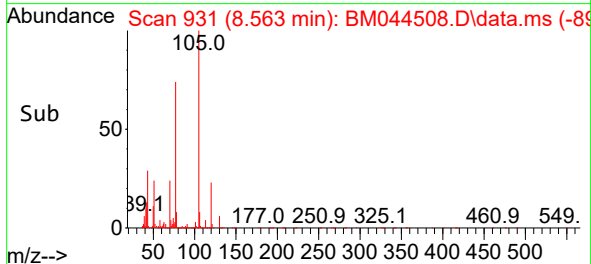
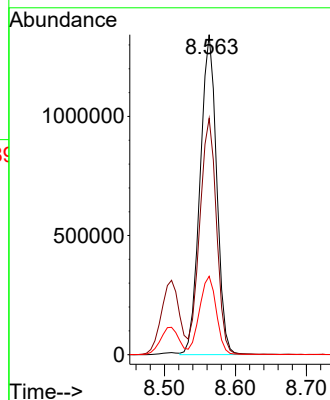
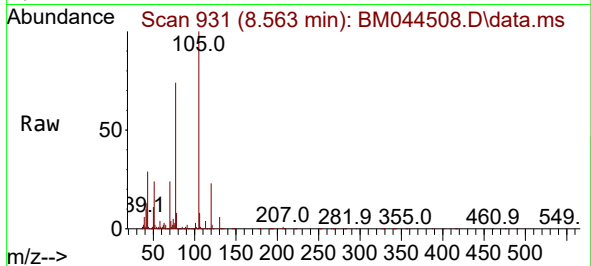




#16
Acetophenone
Concen: 86.671 ng/ul
RT: 8.563 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

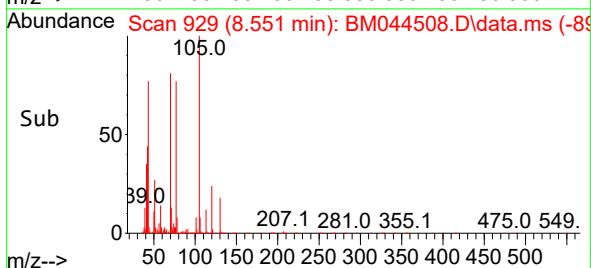
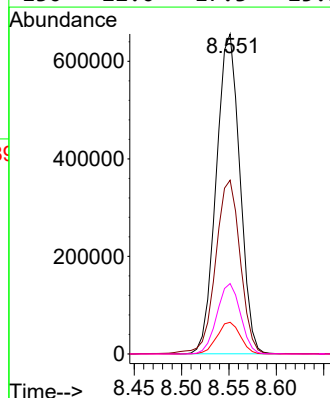
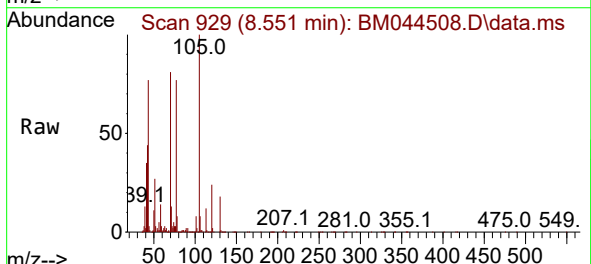
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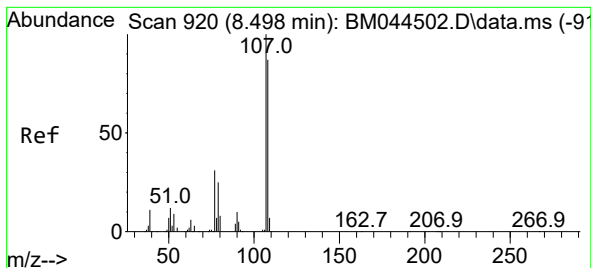
Tgt Ion:105 Resp: 2183113
Ion Ratio Lower Upper
105 100
77 73.8 59.5 89.3
51 24.5 20.2 30.4



#17
N-Nitroso-di-n-propylamine
Concen: 87.447 ng/ul
RT: 8.551 min Scan# 929
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion: 70 Resp: 1138017
Ion Ratio Lower Upper
70 100
42 54.3 42.7 64.1
101 9.9 7.1 10.7
130 22.0 17.3 25.9

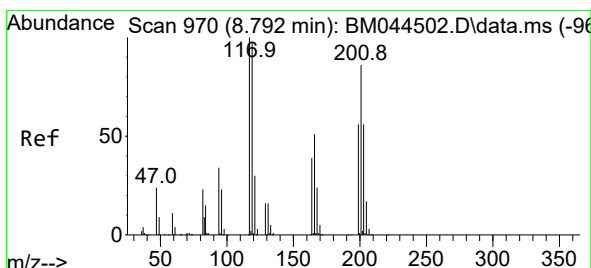
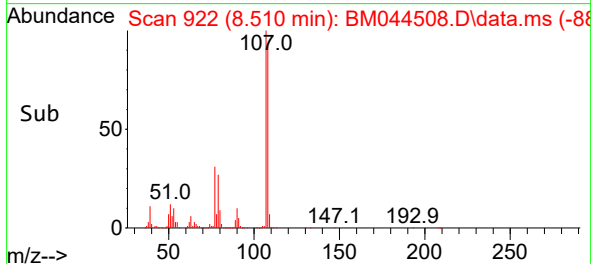
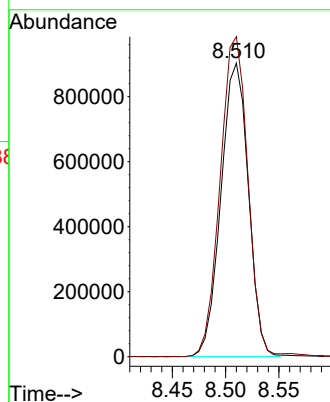
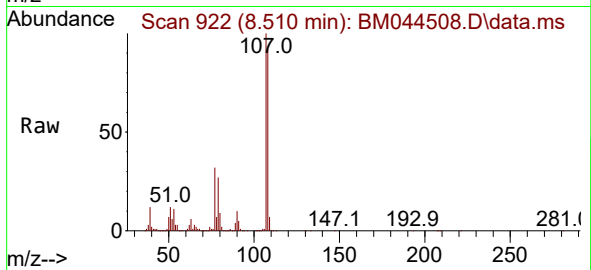




#18
4-Methylphenol
Concen: 92.599 ng/ul
RT: 8.510 min Scan# 912
Delta R.T. 0.012 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

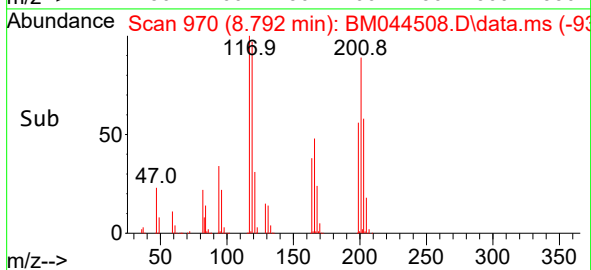
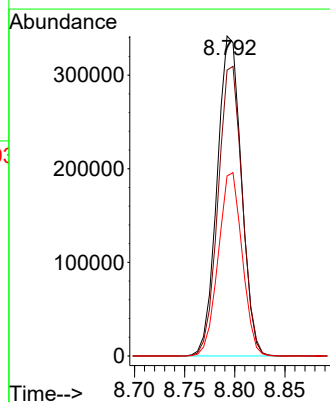
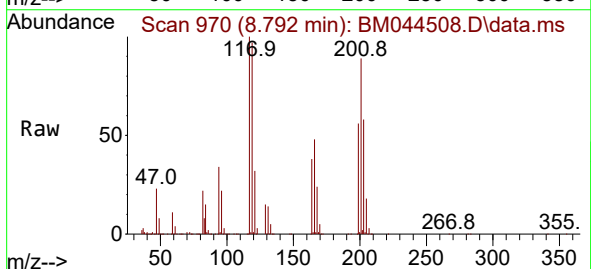
Instrument :
BNA_M
ClientSampleId :
SP6445

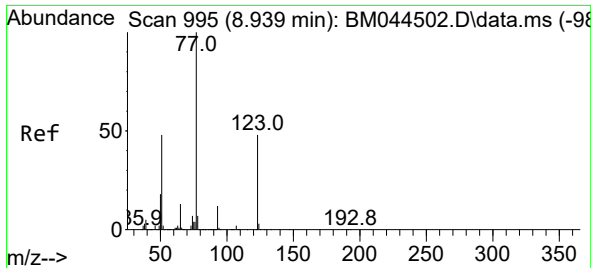
Tgt Ion:108 Resp: 1614415
Ion Ratio Lower Upper
108 100
107 109.0 91.8 137.8



#19
Hexachloroethane
Concen: 89.366 ng/ul
RT: 8.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:117 Resp: 573797
Ion Ratio Lower Upper
117 100
201 89.3 69.0 103.6
199 56.3 44.4 66.6

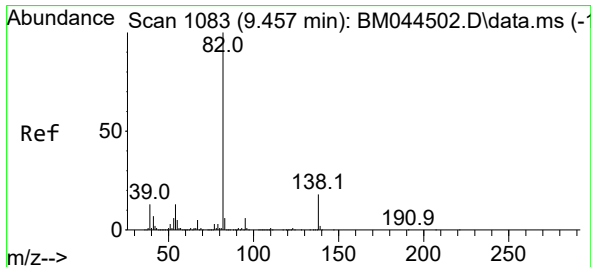
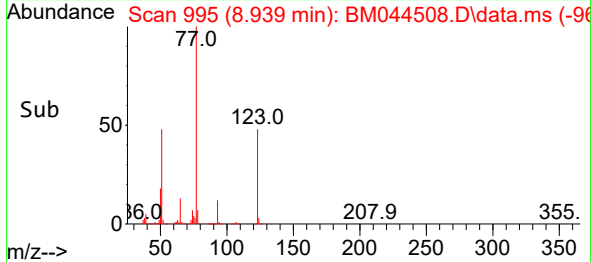
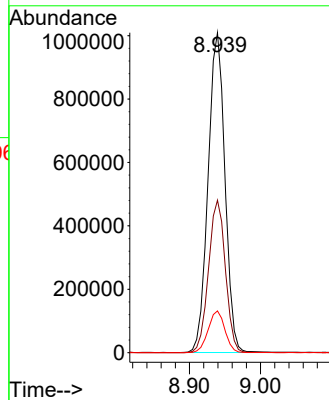
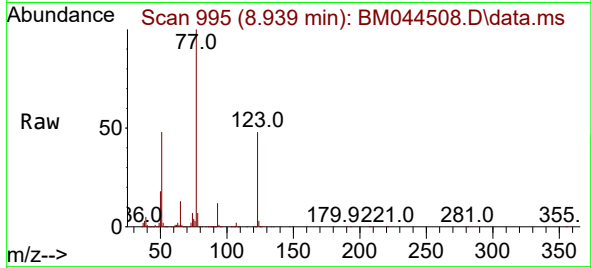




#22
Nitrobenzene
Concen: 89.390 ng/ul
RT: 8.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

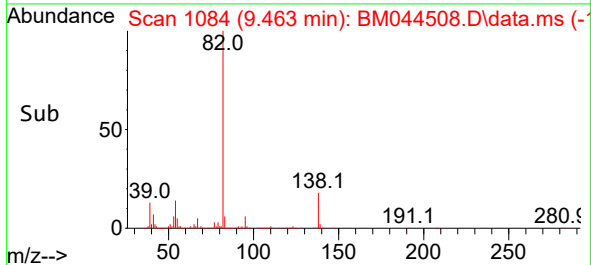
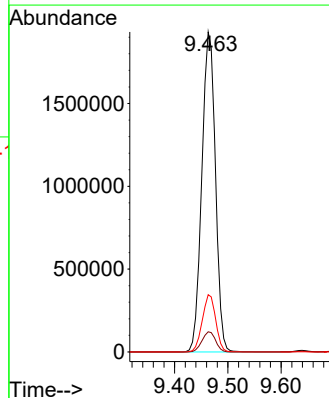
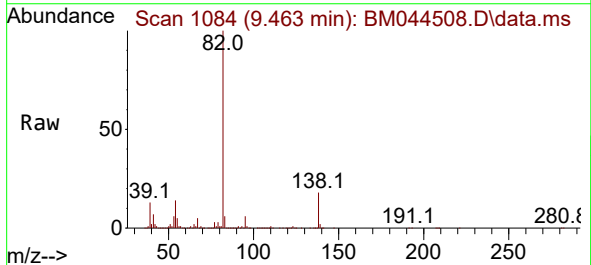
Instrument :
BNA_M
ClientSampleId :
SP6445

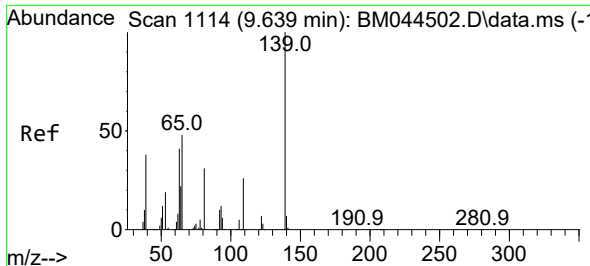
Tgt Ion: 77 Resp: 1665486
Ion Ratio Lower Upper
77 100
123 47.7 38.2 57.2
65 13.0 10.2 15.2



#23
Isophorone
Concen: 90.009 ng/ul
RT: 9.463 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion: 82 Resp: 3421487
Ion Ratio Lower Upper
82 100
95 6.3 4.7 7.1
138 17.9 14.1 21.1

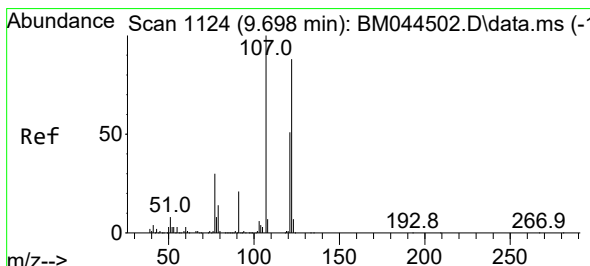
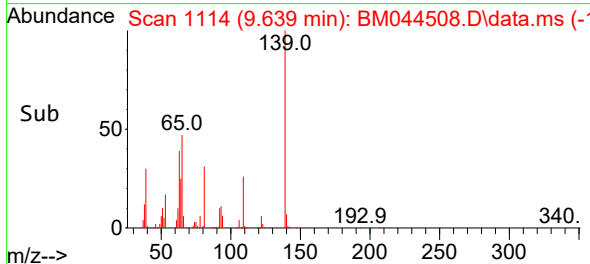
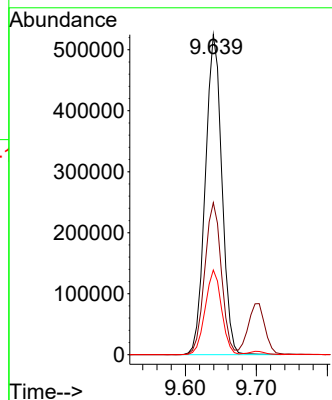
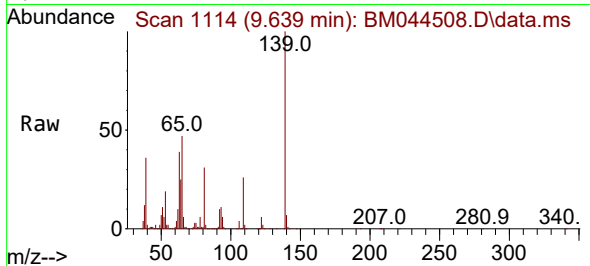




#25
2-Nitrophenol
Concen: 92.443 ng/ul
RT: 9.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

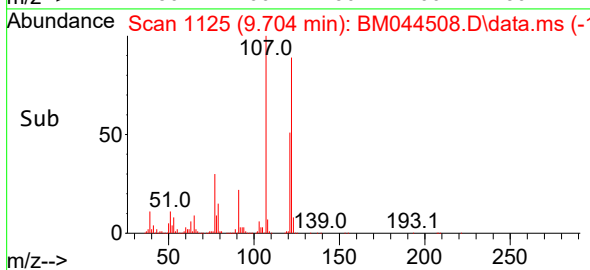
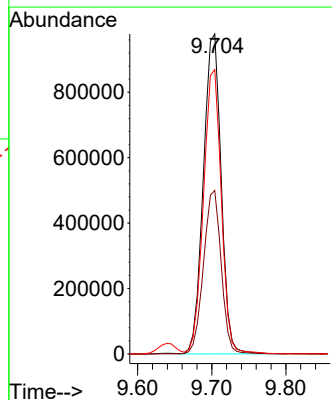
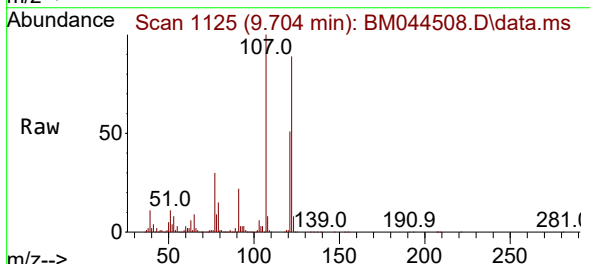
Instrument :
BNA_M
ClientSampleId :
SP6445

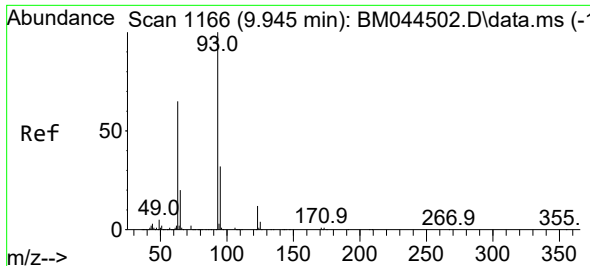
Tgt Ion:139 Resp: 853575
Ion Ratio Lower Upper
139 100
65 47.5 40.2 60.2
109 26.4 21.0 31.4



#26
2,4-Dimethylphenol
Concen: 97.188 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:107 Resp: 1632868
Ion Ratio Lower Upper
107 100
121 51.1 41.0 61.6
122 88.8 71.4 107.0



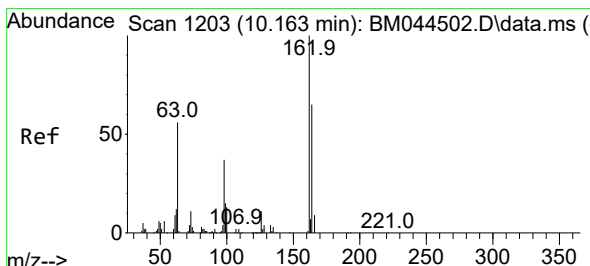
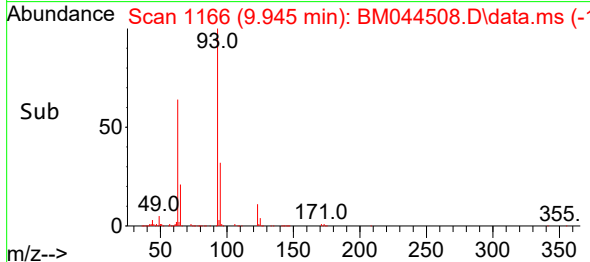
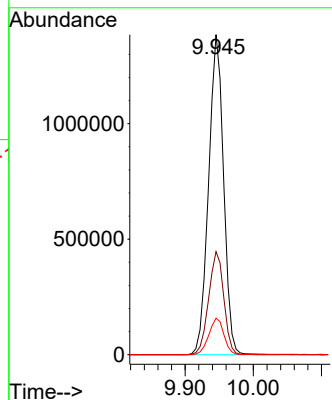
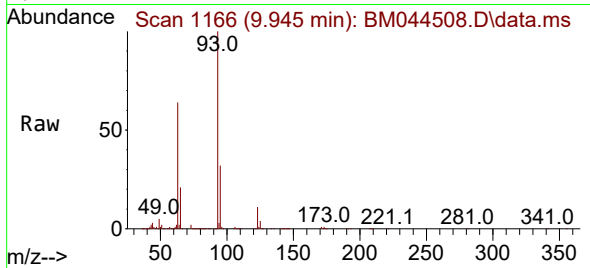


#27
 Bis(2-Chloroethoxy)methane
 Concen: 88.591 ng/ul
 RT: 9.945 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: BM044508.D
 Acq: 05 Mar 2024 18:53

Instrument :
 BNA_M
 ClientSampleId :
 SP6445

Tgt Ion: 93 Resp: 2117891

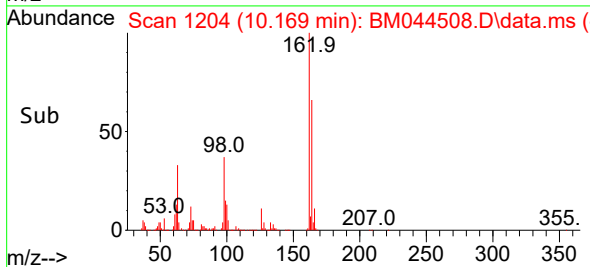
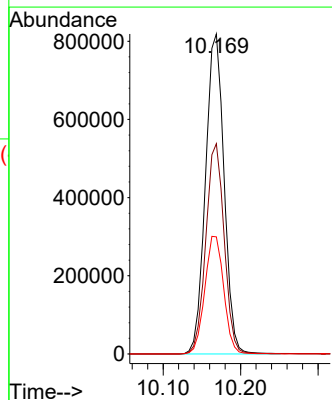
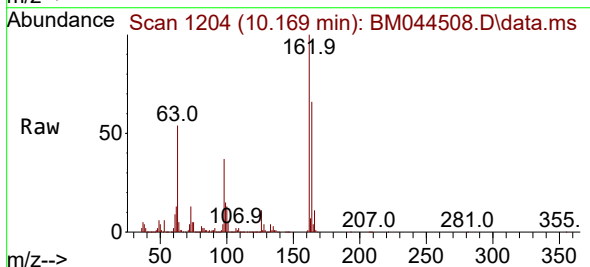
Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.3	37.9
123	11.4	9.3	13.9

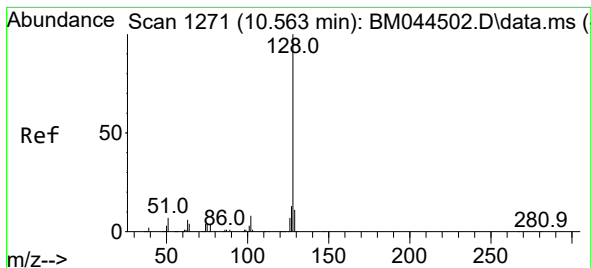


#29
 2,4-Dichlorophenol
 Concen: 94.883 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. 0.006 min
 Lab File: BM044508.D
 Acq: 05 Mar 2024 18:53

Tgt Ion: 162 Resp: 1365438

Ion	Ratio	Lower	Upper
162	100		
164	65.7	52.7	79.1
98	36.6	30.1	45.1

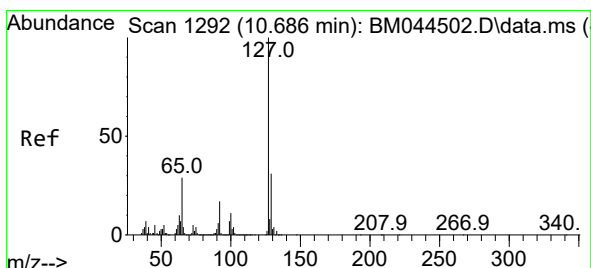
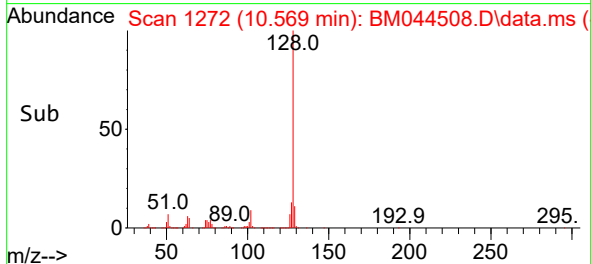
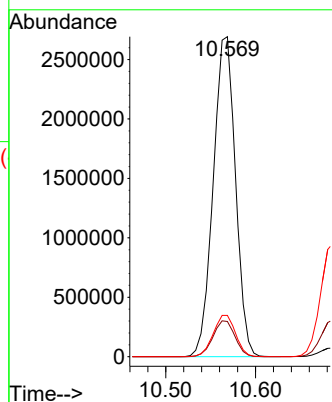
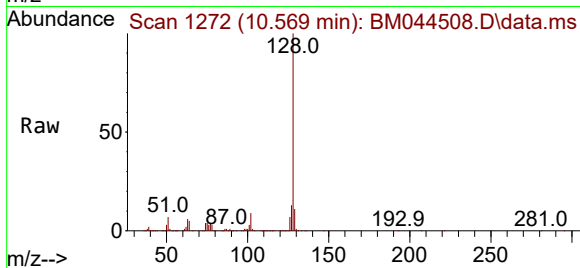




#30
Naphthalene
Concen: 87.770 ng/ul
RT: 10.569 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

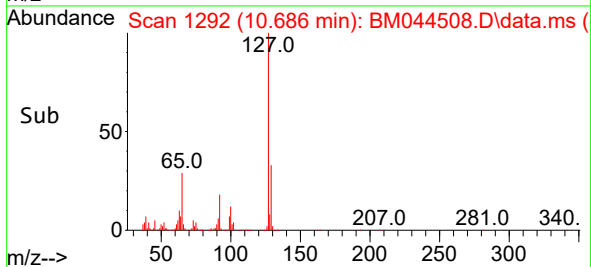
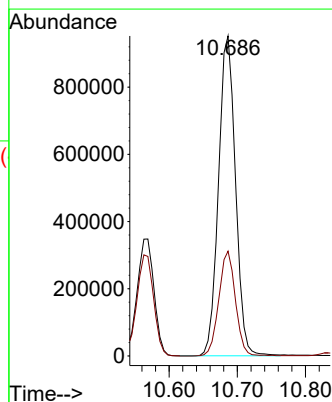
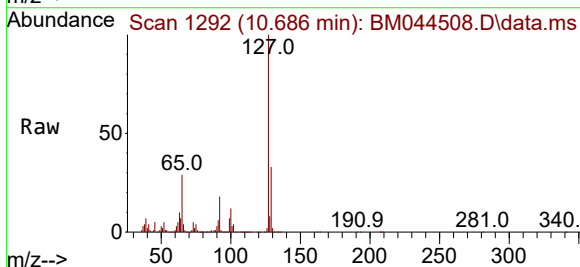
Instrument :
BNA_M
ClientSampleId :
SP6445

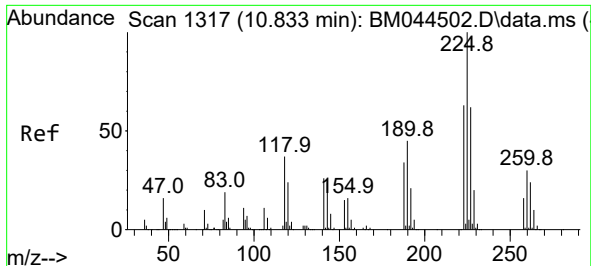
Tgt Ion:128 Resp: 4638030
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 71.582 ng/ul
RT: 10.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:127 Resp: 1652076
Ion Ratio Lower Upper
127 100
129 32.7 25.1 37.7

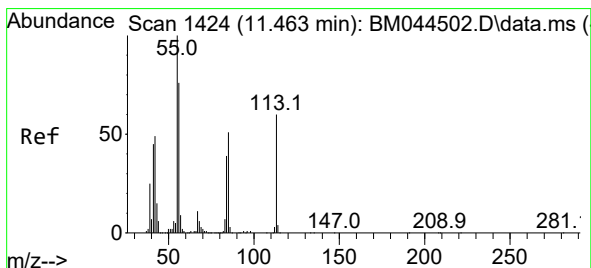
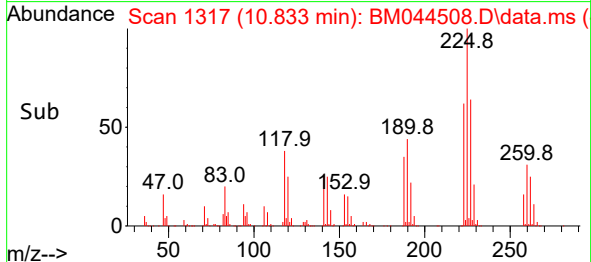
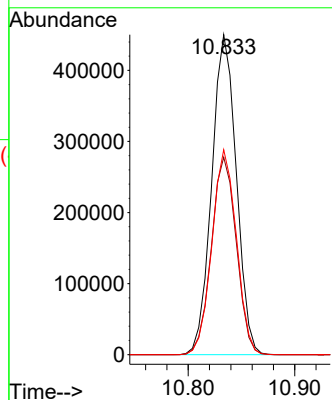
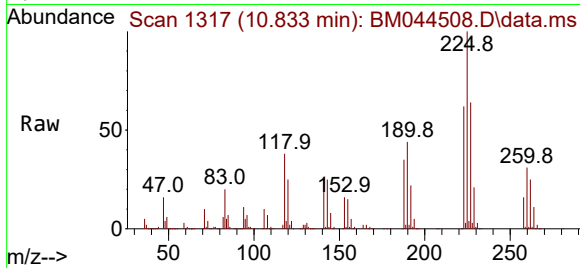




#33
Hexachlorobutadiene
Concen: 89.565 ng/ul
RT: 10.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

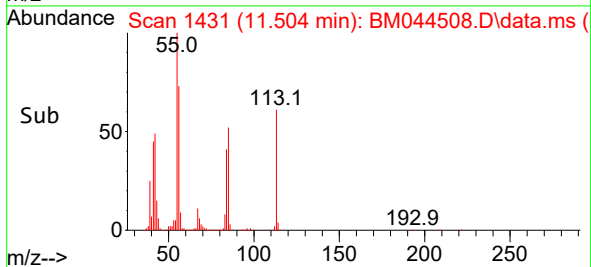
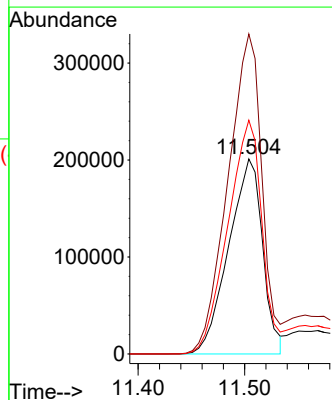
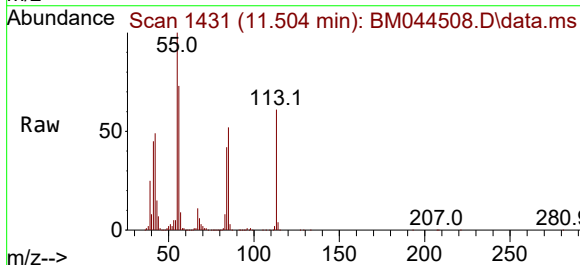
Instrument :
BNA_M
ClientSampleId :
SP6445

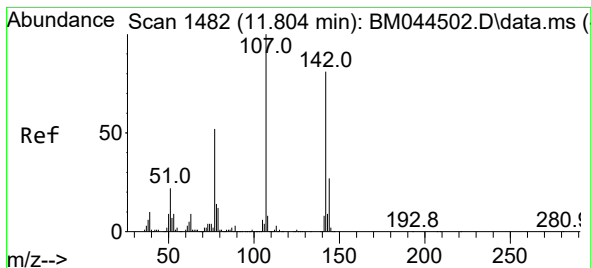
Tgt Ion:225 Resp: 722417
Ion Ratio Lower Upper
225 100
223 61.7 50.1 75.1
227 64.1 49.2 73.8



#34
Caprolactam
Concen: 79.413 ng/ul
RT: 11.504 min Scan# 1431
Delta R.T. 0.041 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:113 Resp: 445050
Ion Ratio Lower Upper
113 100
55 164.0 134.7 202.1
56 119.8 102.2 153.2

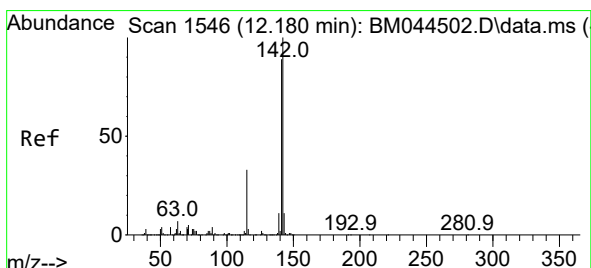
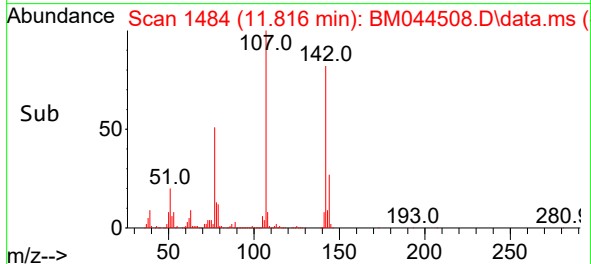
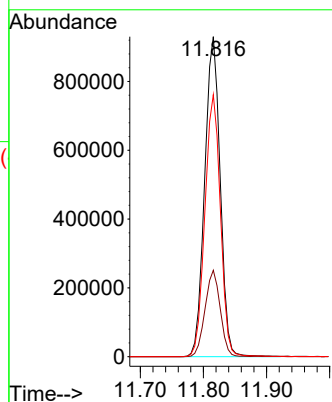
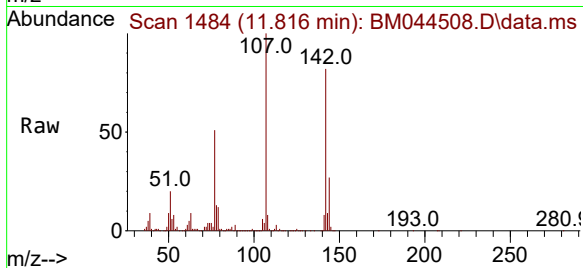




#35
4-Chloro-3-methylphenol
Concen: 94.931 ng/ul
RT: 11.816 min Scan# 1484
Delta R.T. 0.012 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

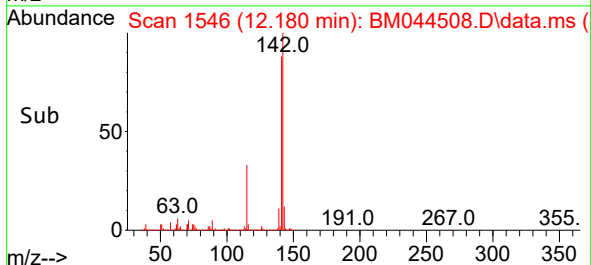
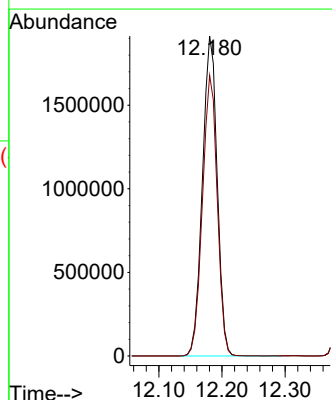
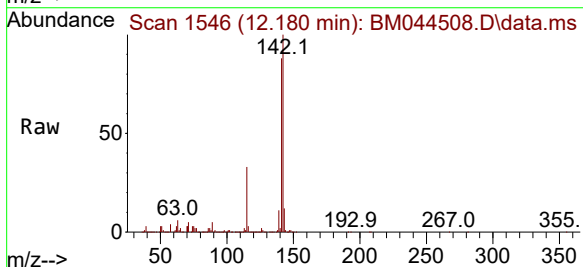
Instrument :
BNA_M
ClientSampleId :
SP6445

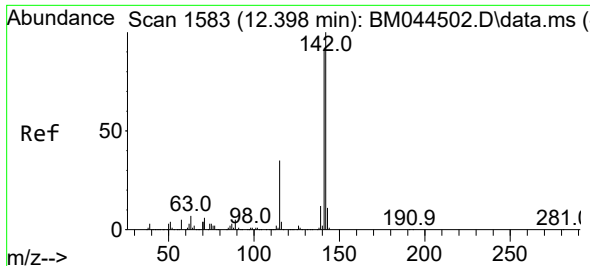
Tgt Ion:107 Resp: 1584240
Ion Ratio Lower Upper
107 100
144 27.0 21.7 32.5
142 81.9 65.1 97.7



#36
2-Methylnaphthalene
Concen: 88.225 ng/ul
RT: 12.180 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:142 Resp: 3100210
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7





#37

1-Methylnaphthalene

Concen: 89.066 ng/ul

RT: 12.404 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

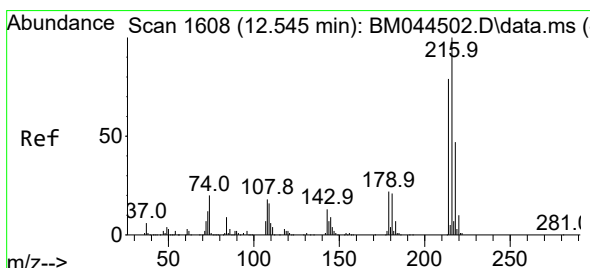
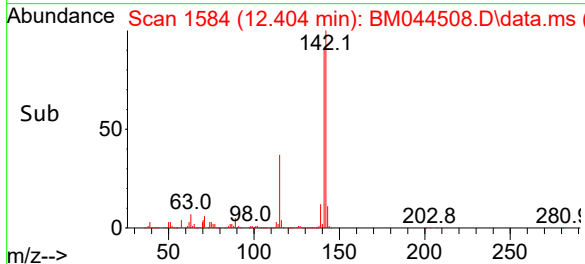
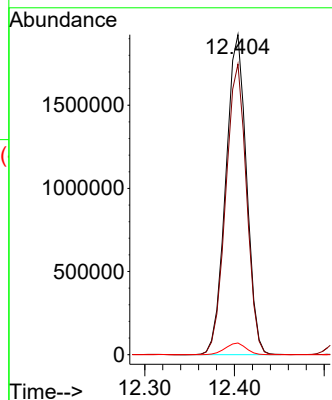
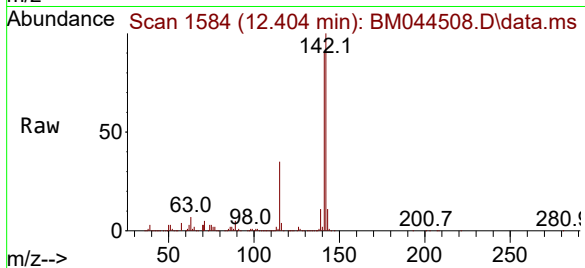
Tgt Ion:142 Resp: 3087477

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.6

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 87.634 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Tgt Ion:216 Resp: 1438230

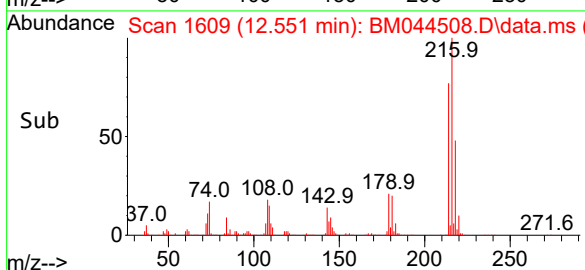
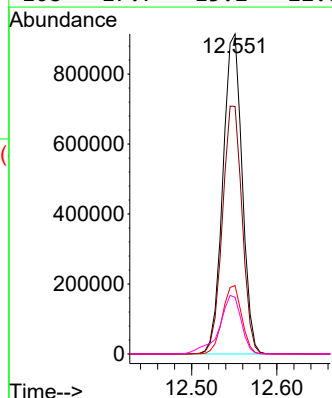
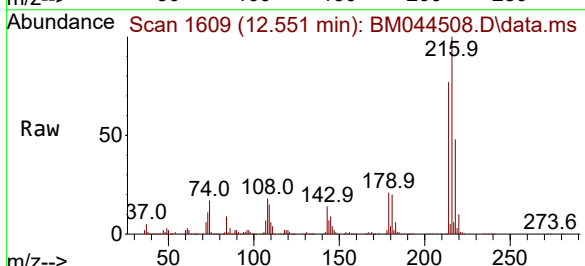
Ion Ratio Lower Upper

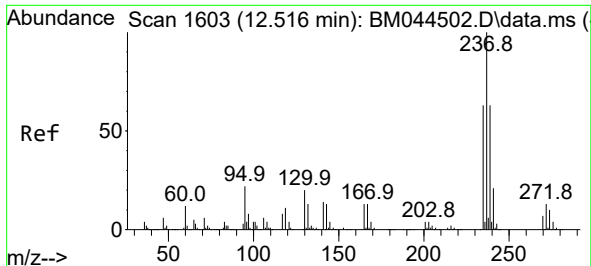
216 100

214 77.4 63.4 95.2

179 21.4 17.5 26.3

108 17.7 15.2 22.8

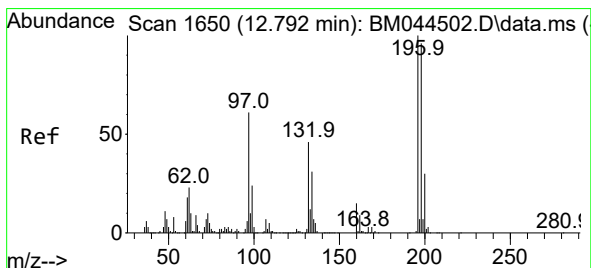
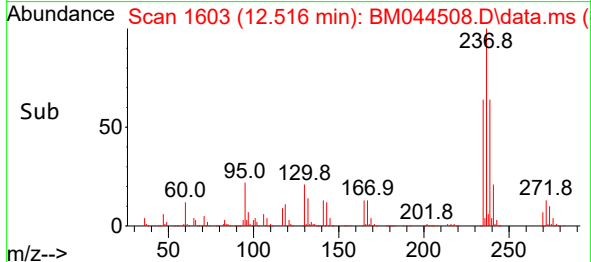
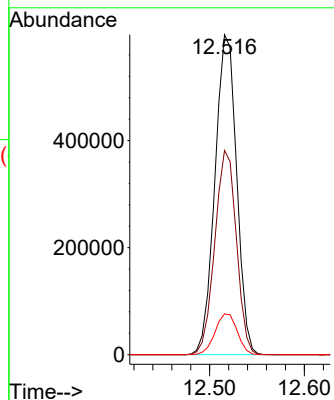
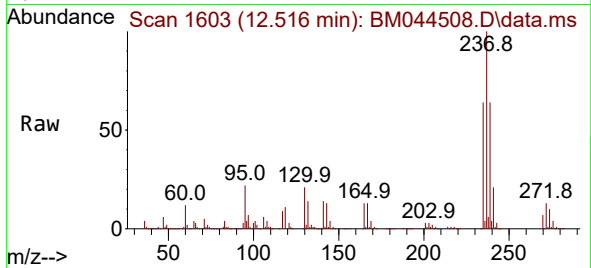




#40
Hexachlorocyclopentadiene
Concen: 87.515 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

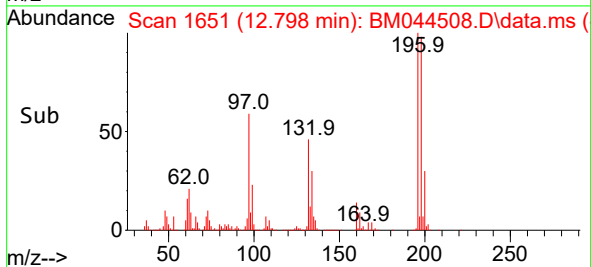
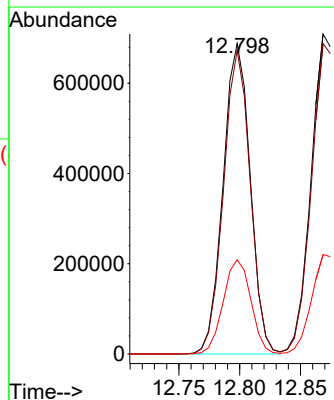
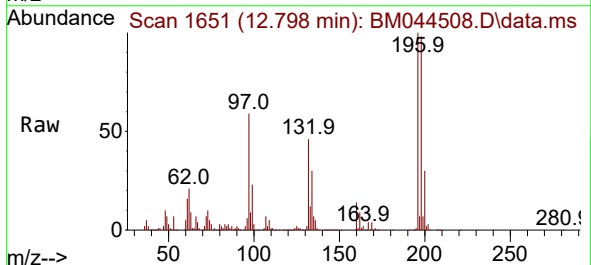
Instrument :
BNA_M
ClientSampleId :
SP6445

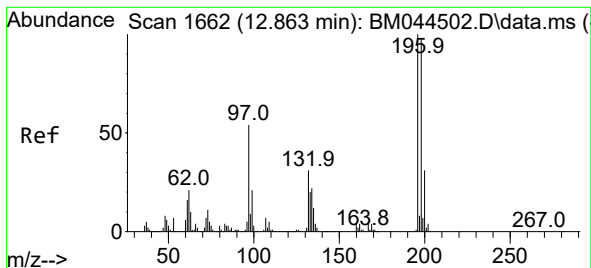
Tgt Ion:237 Resp: 953425
Ion Ratio Lower Upper
237 100
235 63.8 50.1 75.1
272 12.7 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 92.707 ng/ul
RT: 12.798 min Scan# 1651
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:196 Resp: 1066620
Ion Ratio Lower Upper
196 100
198 97.8 76.7 115.1
200 30.3 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 92.832 ng/ul

RT: 12.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

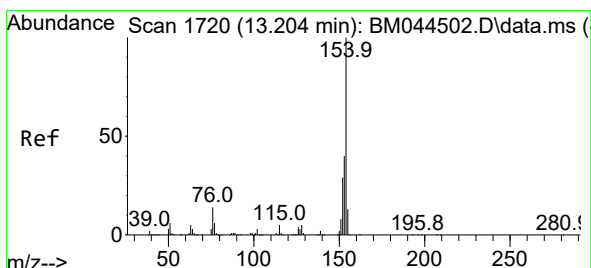
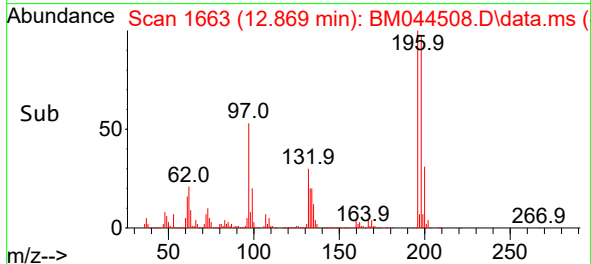
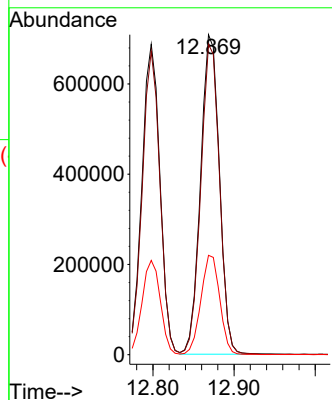
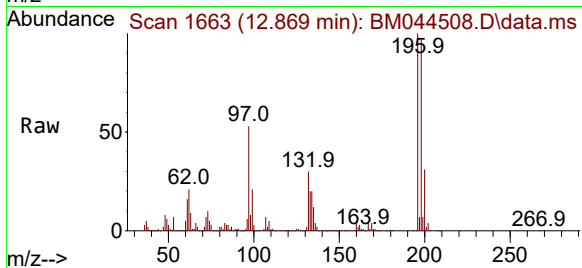
Tgt Ion:196 Resp: 1144607

Ion Ratio Lower Upper

196 100

198 97.0 78.1 117.1

200 31.1 24.7 37.1



#43

1,1'-Biphenyl

Concen: 84.496 ng/ul

RT: 13.204 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

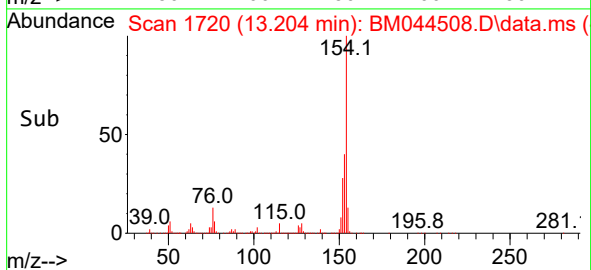
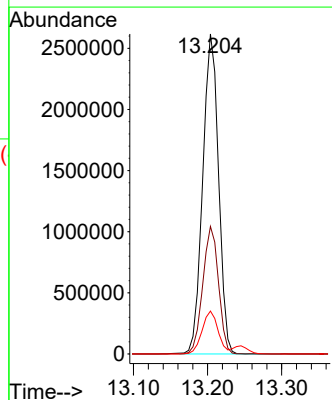
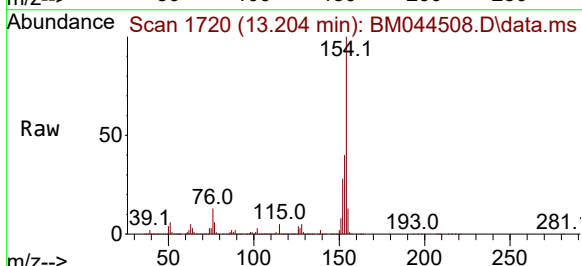
Tgt Ion:154 Resp: 3870628

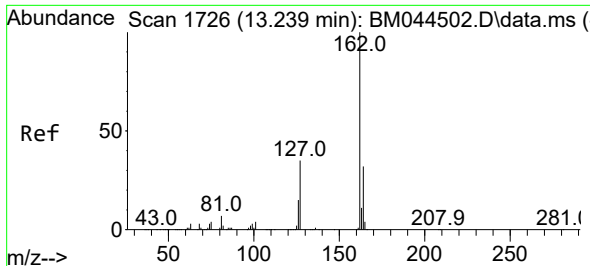
Ion Ratio Lower Upper

154 100

153 39.8 31.8 47.8

76 13.4 11.0 16.4

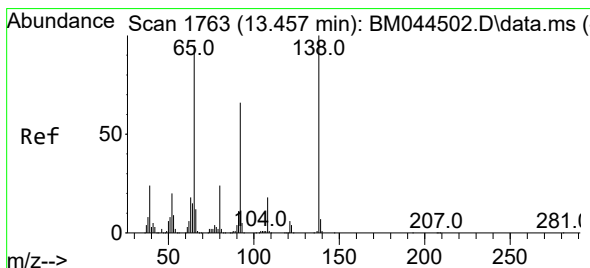
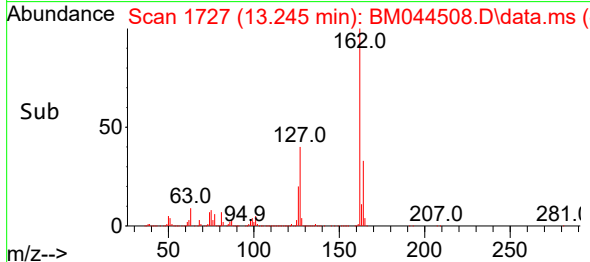
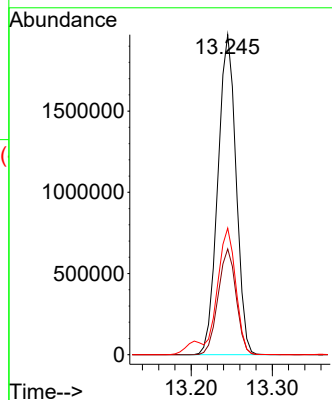
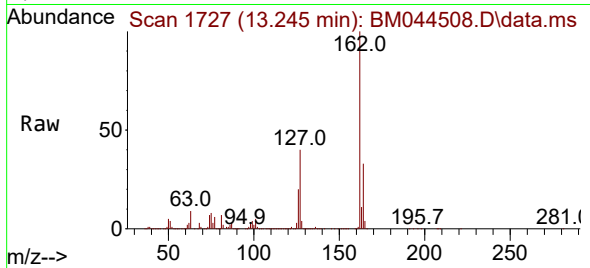




#44
2-Chloronaphthalene
Concen: 85.462 ng/ul
RT: 13.245 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

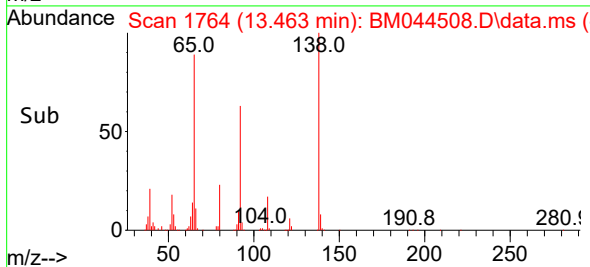
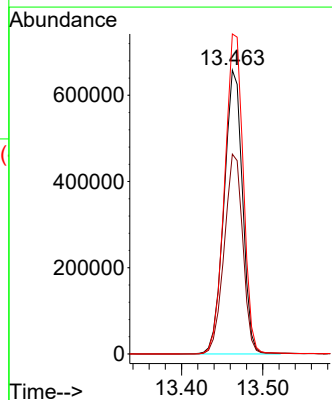
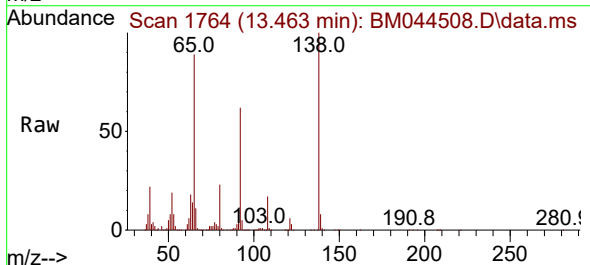
Instrument :
BNA_M
ClientSampleId :
SP6445

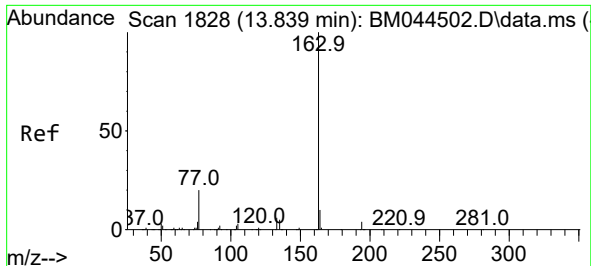
Tgt Ion:162 Resp: 3072185
Ion Ratio Lower Upper
162 100
164 33.1 25.6 38.4
127 39.5 31.4 47.0



#45
2-Nitroaniline
Concen: 92.518 ng/ul
RT: 13.463 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion: 65 Resp: 1044102
Ion Ratio Lower Upper
65 100
92 70.4 55.4 83.0
138 112.7 84.0 126.0

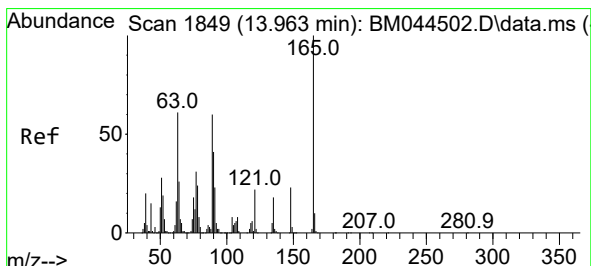
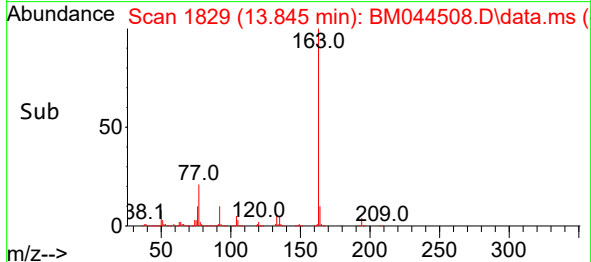
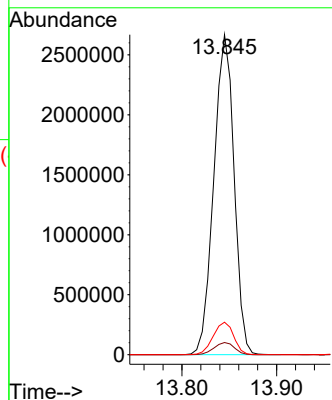
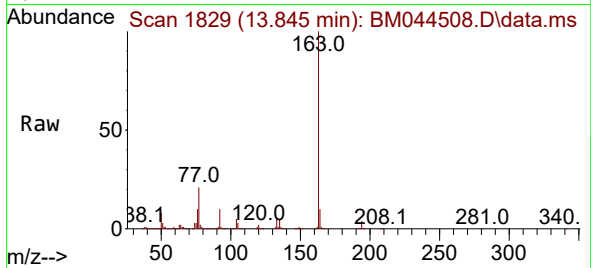




#47
Dimethylphthalate
Concen: 86.177 ng/ul
RT: 13.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

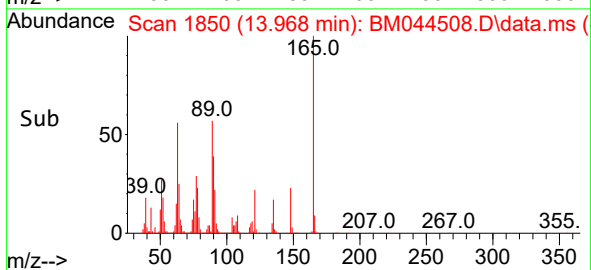
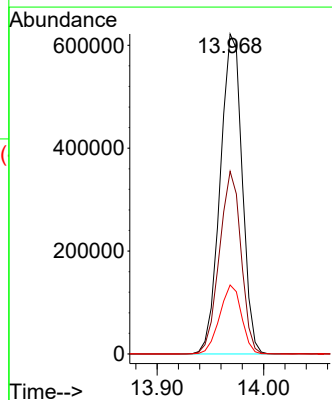
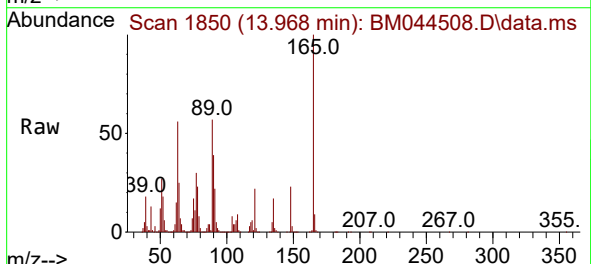
Instrument :
BNA_M
ClientSampleId :
SP6445

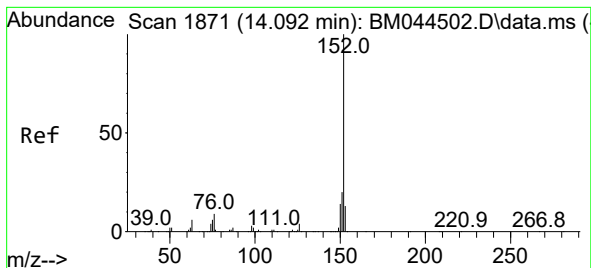
Tgt Ion:163 Resp: 3968207
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 96.522 ng/ul
RT: 13.968 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:165 Resp: 887778
Ion Ratio Lower Upper
165 100
89 57.0 48.4 72.6
121 21.6 17.7 26.5





#50

Acenaphthylene

Concen: 85.549 ng/ul

RT: 14.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

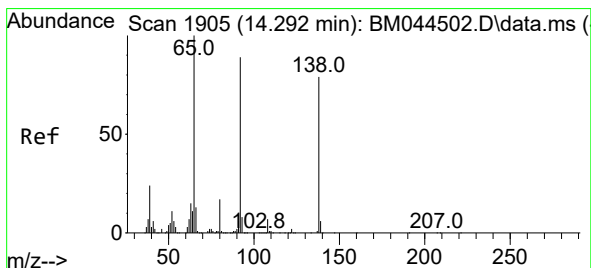
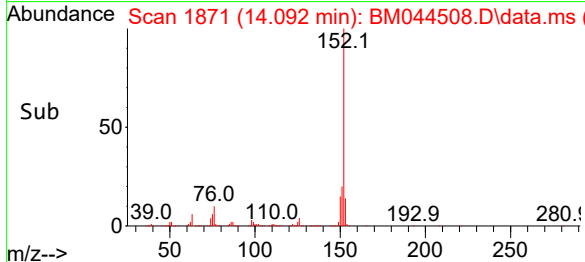
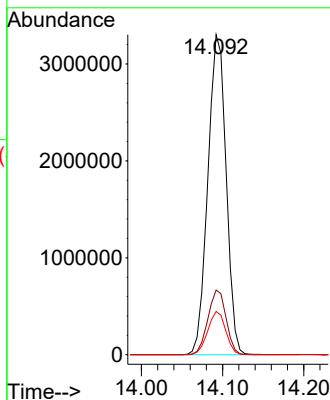
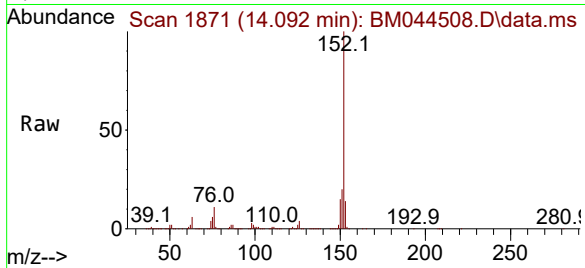
Tgt Ion:152 Resp: 5160240

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.5 10.6 15.8



#51

3-Nitroaniline

Concen: 96.964 ng/ul

RT: 14.298 min Scan# 1906

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

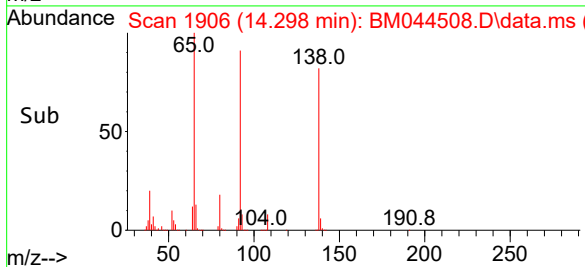
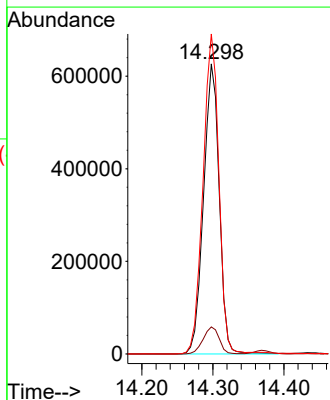
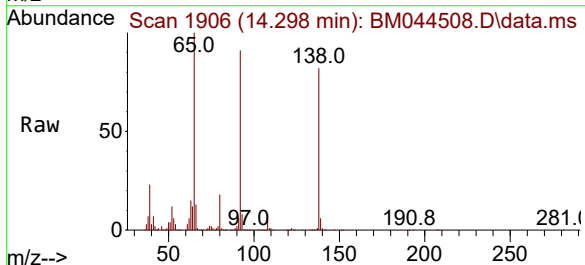
Tgt Ion:138 Resp: 963309

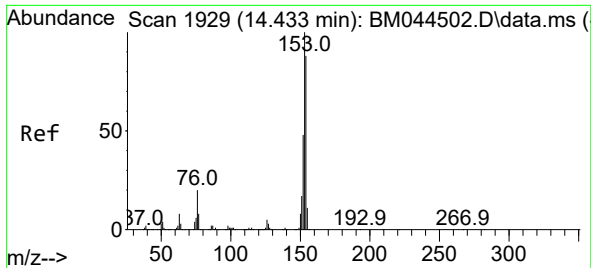
Ion Ratio Lower Upper

138 100

108 9.3 7.3 10.9

92 110.3 89.3 133.9

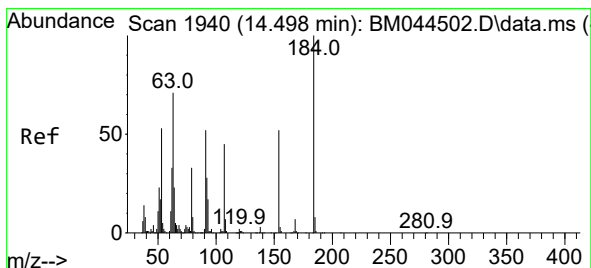
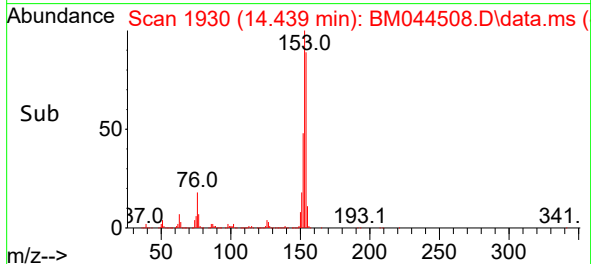
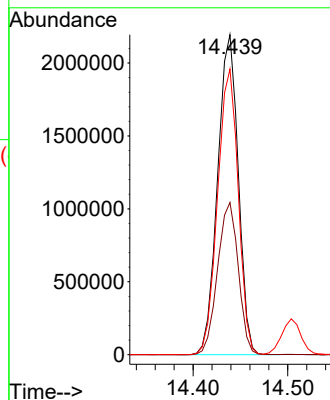
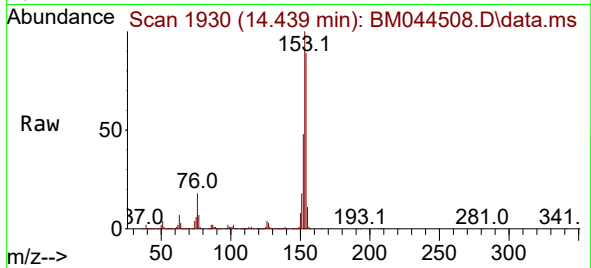




#52
Acenaphthene
Concen: 83.860 ng/ul
RT: 14.439 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

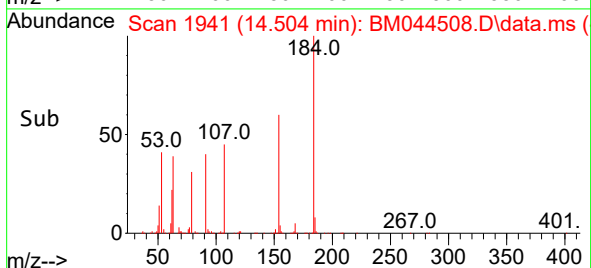
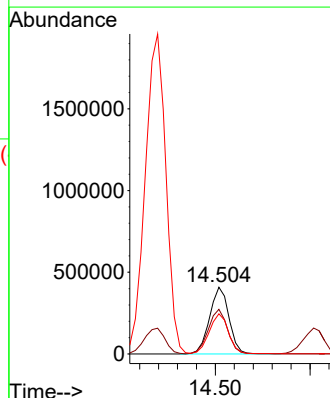
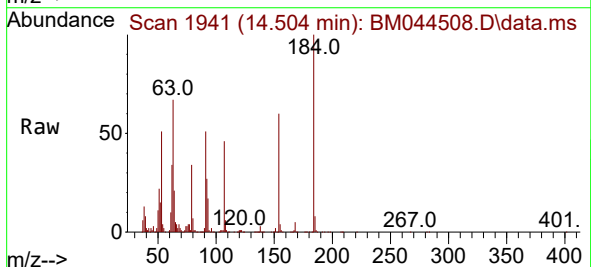
Instrument :
BNA_M
ClientSampleId :
SP6445

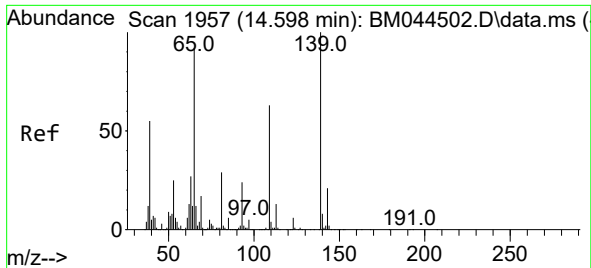
Tgt Ion:153 Resp: 3325325
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.2
154 89.2 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 98.800 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:184 Resp: 581281
Ion Ratio Lower Upper
184 100
63 66.9 57.2 85.8
154 60.4 47.9 71.9

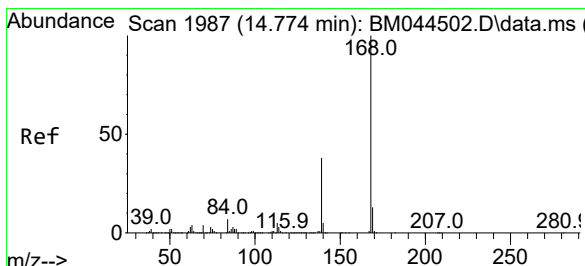
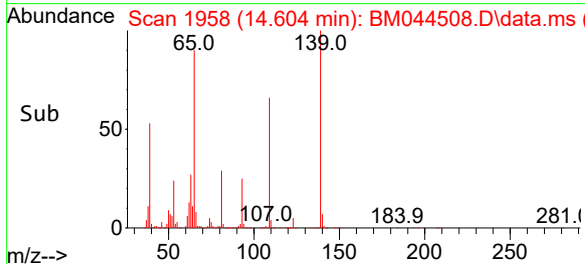
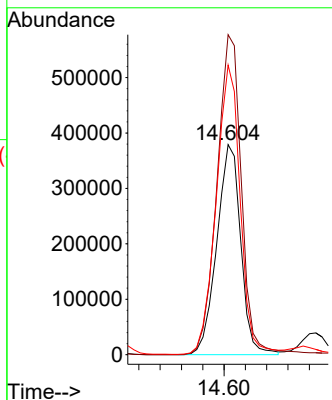
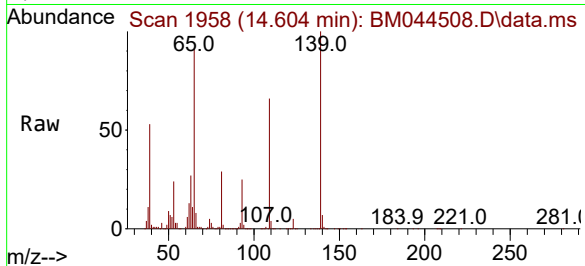




#55
4-Nitrophenol
Concen: 89.790 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

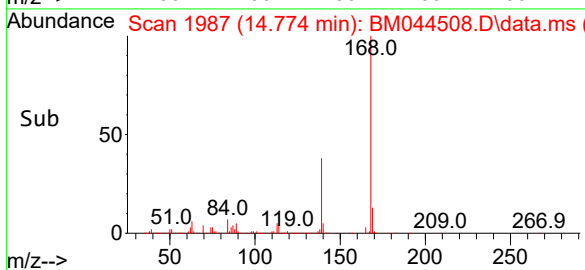
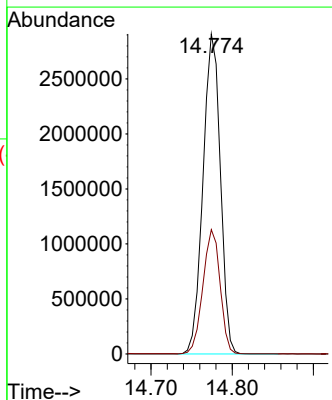
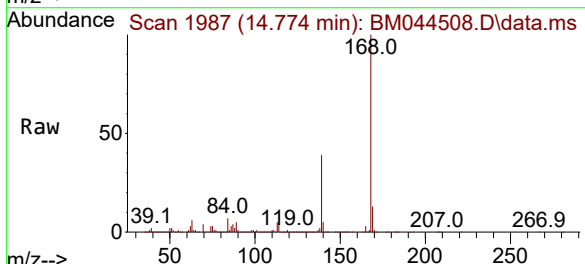
Instrument :
BNA_M
ClientSampleId :
SP6445

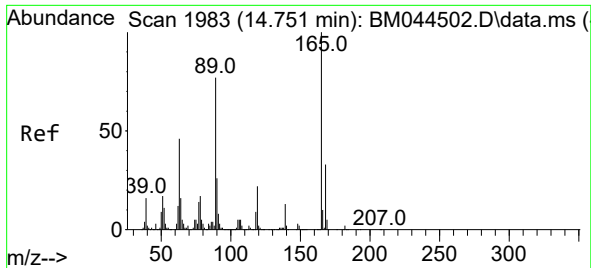
Tgt Ion:109 Resp: 590389
Ion Ratio Lower Upper
109 100
139 152.3 126.2 189.4
65 137.9 117.0 175.4



#56
Dibenzofuran
Concen: 81.758 ng/ul
RT: 14.774 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:168 Resp: 4312451
Ion Ratio Lower Upper
168 100
139 38.8 30.7 46.1

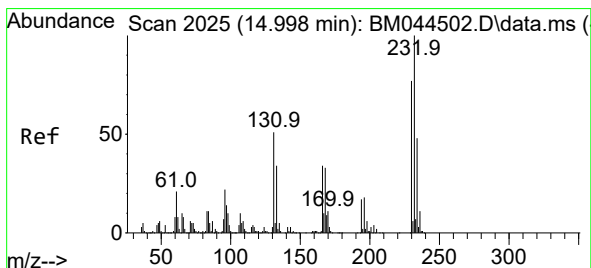
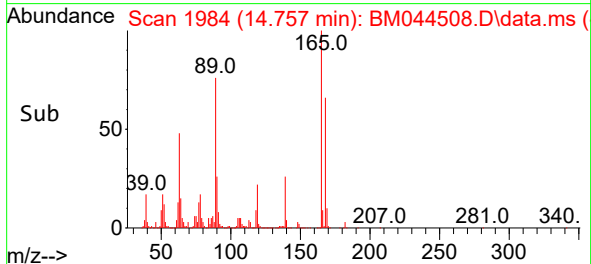
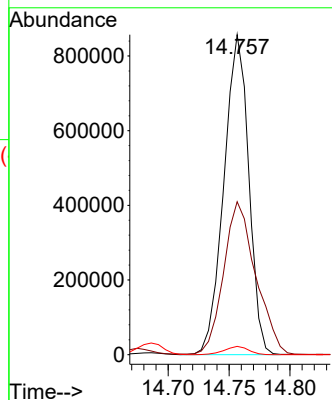
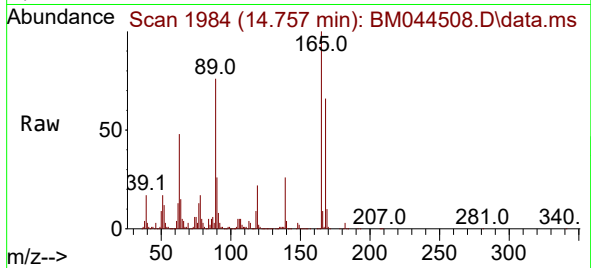




#57
2,4-Dinitrotoluene
Concen: 91.493 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

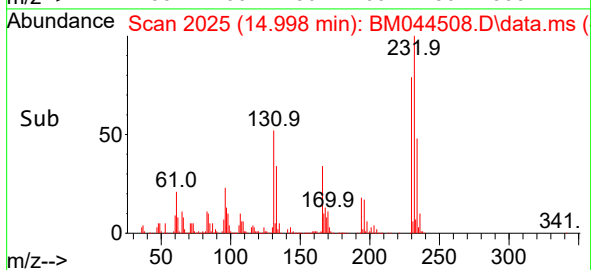
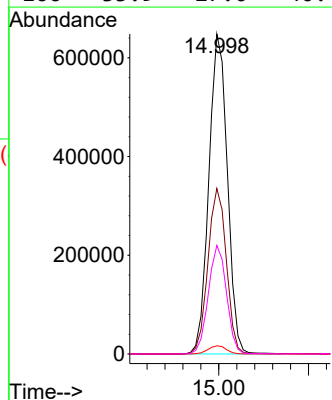
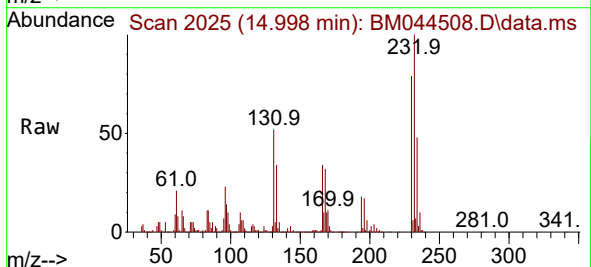
Instrument :
BNA_M
ClientSampleId :
SP6445

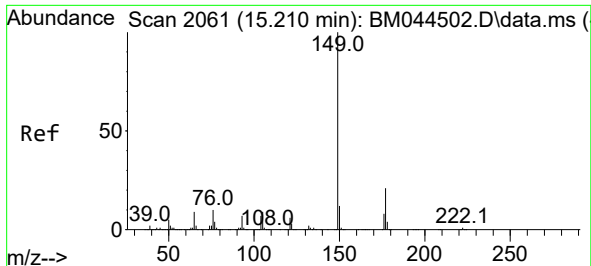
Tgt Ion:165 Resp: 1214734
Ion Ratio Lower Upper
165 100
63 47.8 37.4 56.0
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 90.972 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:232 Resp: 928229
Ion Ratio Lower Upper
232 100
131 51.7 40.6 61.0
130 2.5 2.2 3.4
166 33.9 27.0 40.4

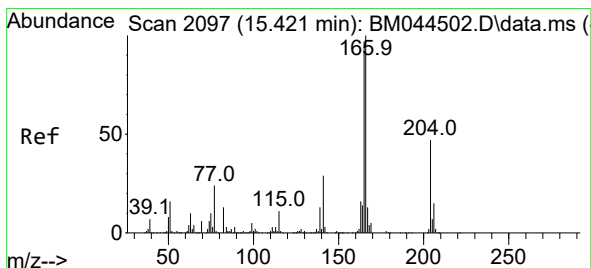
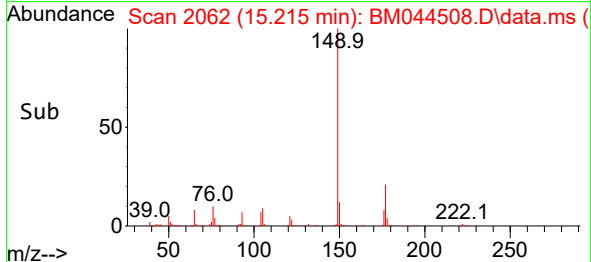
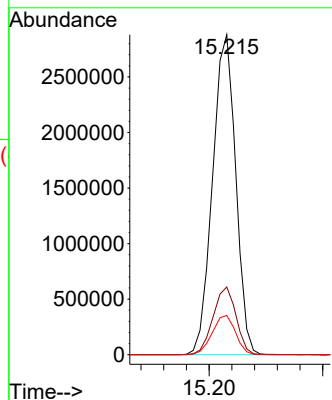
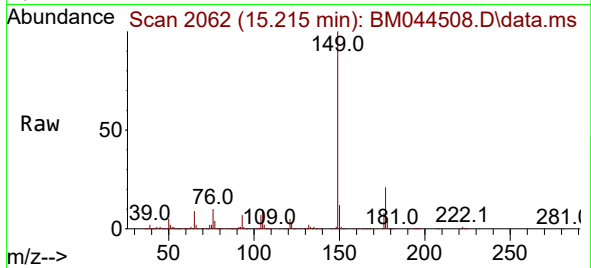




#59
Diethylphthalate
Concen: 85.185 ng/ul
RT: 15.215 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

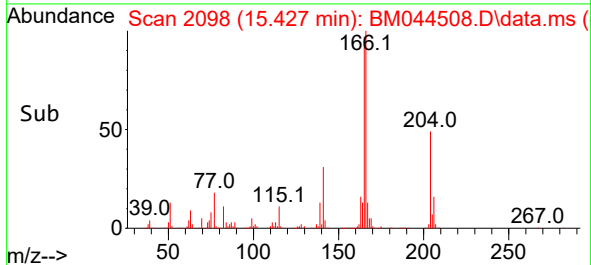
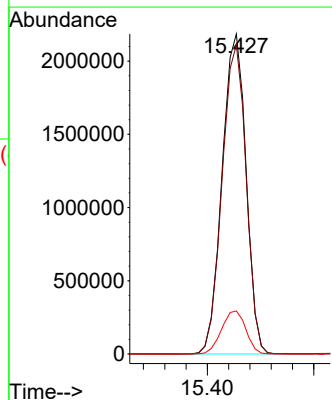
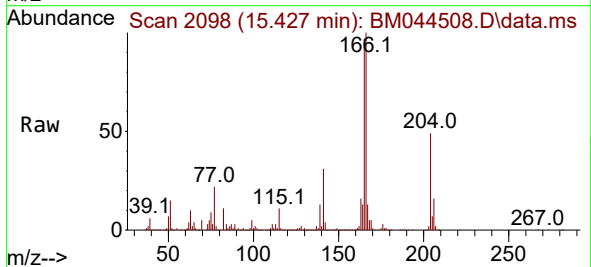
Instrument :
BNA_M
ClientSampleId :
SP6445

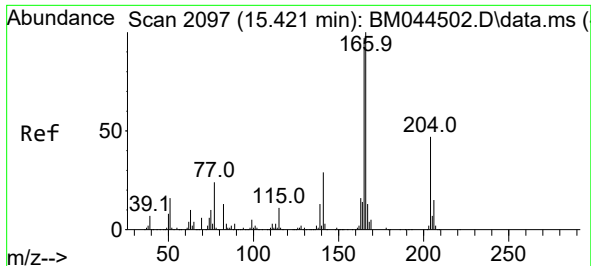
Tgt Ion:149 Resp: 4070887
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.2 9.9 14.9



#61
Fluorene
Concen: 78.954 ng/ul
RT: 15.427 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:166 Resp: 3405996
Ion Ratio Lower Upper
166 100
165 96.7 77.3 115.9
167 13.5 10.6 16.0

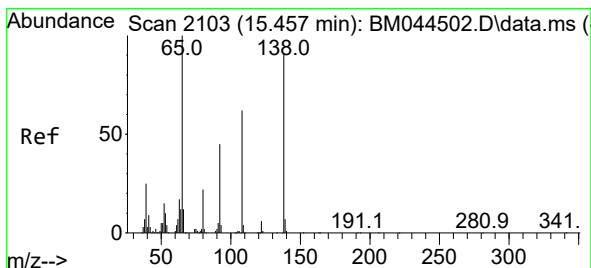
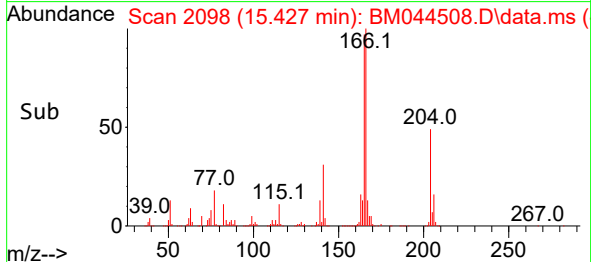
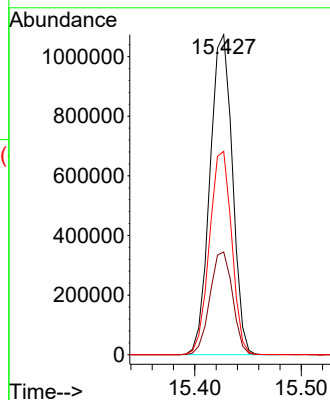
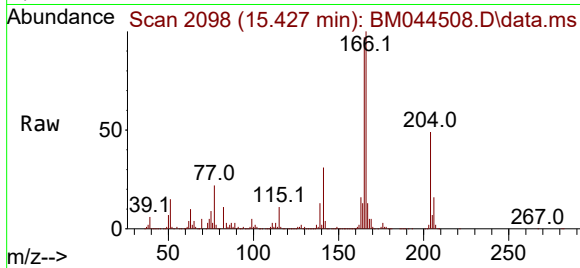




#62
4-Chlorophenyl-phenylether
Concen: 78.523 ng/ul
RT: 15.427 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

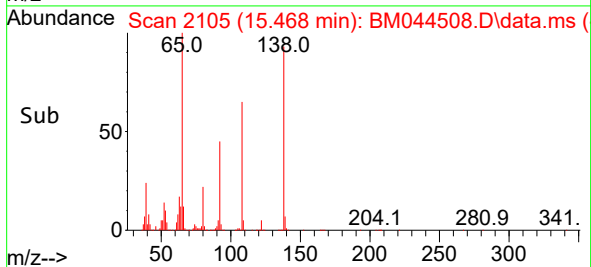
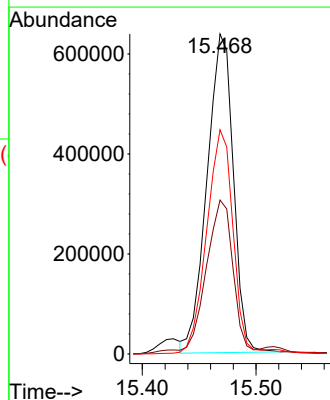
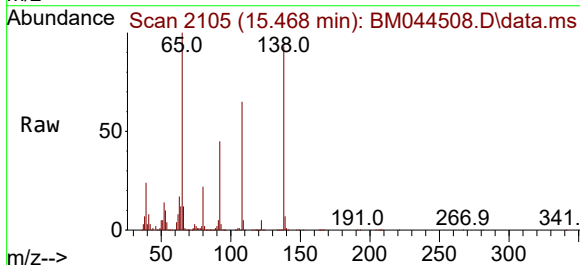
Instrument :
BNA_M
ClientSampleId :
SP6445

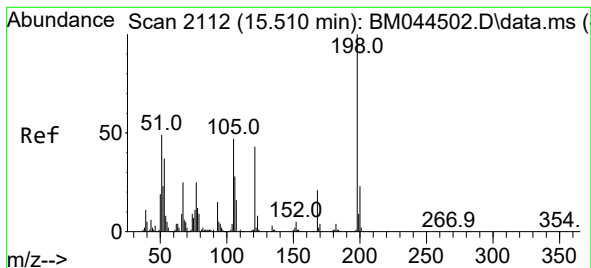
Tgt Ion:204 Resp: 1572196
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 63.6 50.3 75.5



#63
4-Nitroaniline
Concen: 108.085 ng/ul
RT: 15.468 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:138 Resp: 1026291
Ion Ratio Lower Upper
138 100
92 48.1 39.8 59.8
108 70.0 54.6 82.0

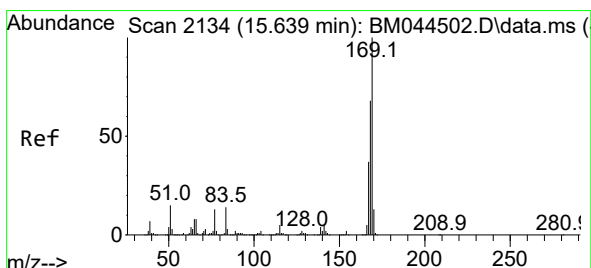
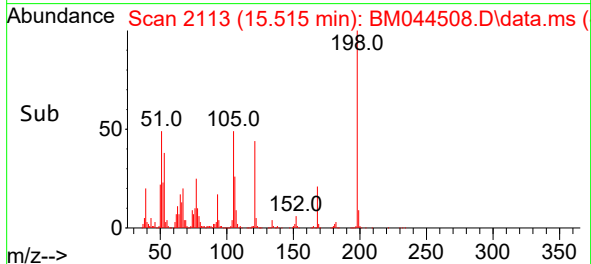
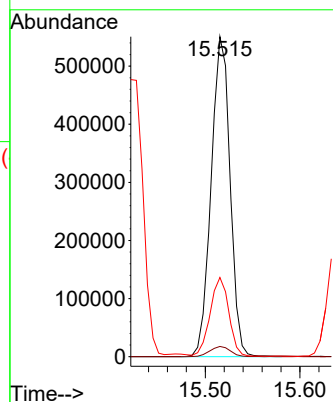
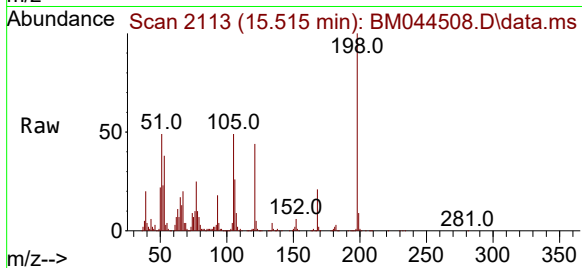




#66
4,6-Dinitro-2-methylphenol
Concen: 92.513 ng/ul
RT: 15.515 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

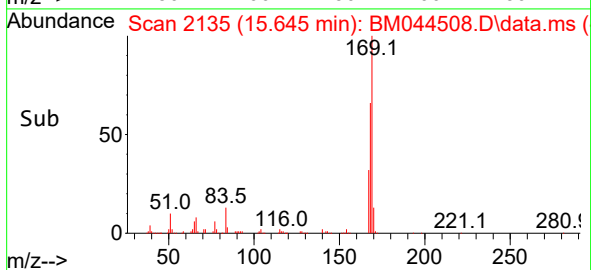
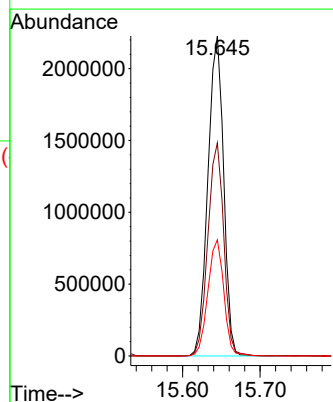
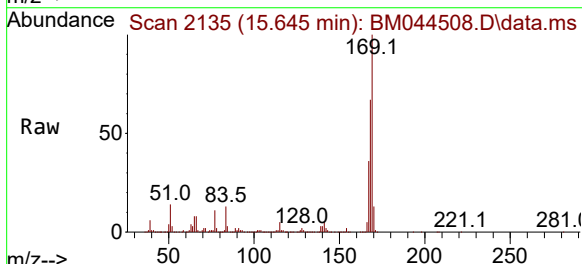
Instrument :
BNA_M
ClientSampleId :
SP6445

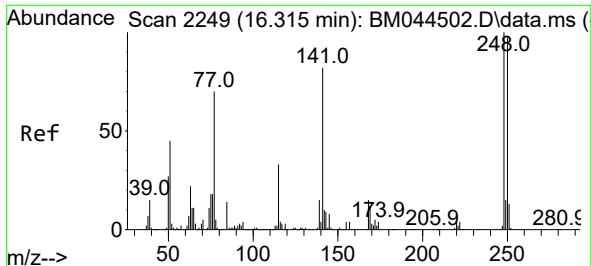
Tgt Ion:198 Resp: 764788
Ion Ratio Lower Upper
198 100
182 3.2 3.3 4.9#
77 24.8 21.0 31.4



#67
N-Nitrosodiphenylamine
Concen: 87.395 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:169 Resp: 3136964
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 36.3 29.4 44.0

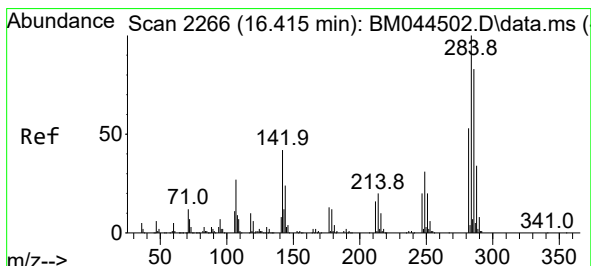
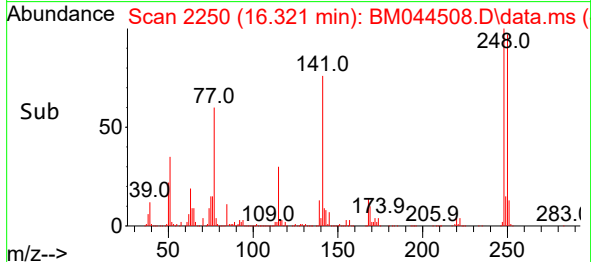
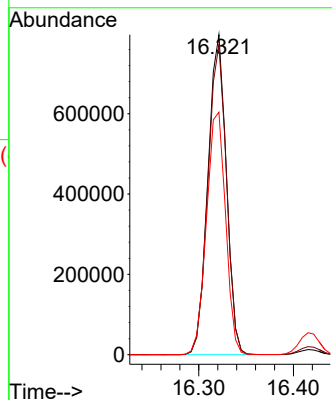
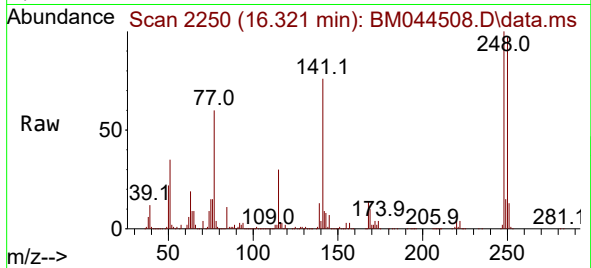




#68
4-Bromophenyl-phenylether
Concen: 90.305 ng/ul
RT: 16.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

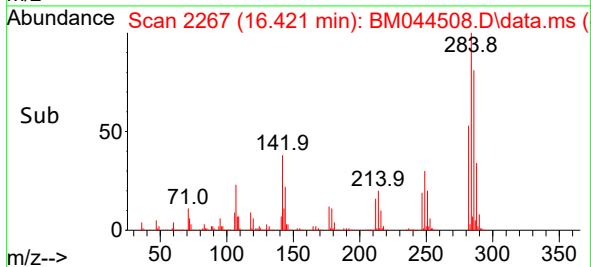
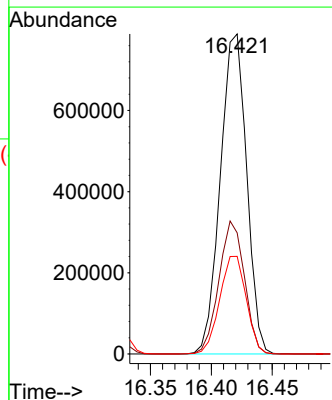
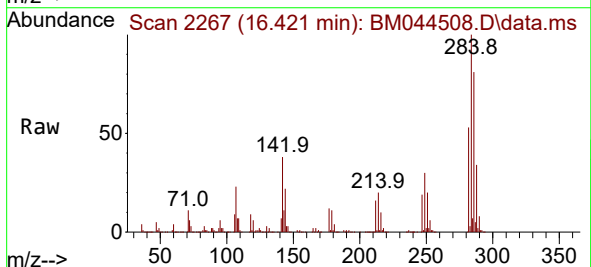
Instrument :
BNA_M
ClientSampleId :
SP6445

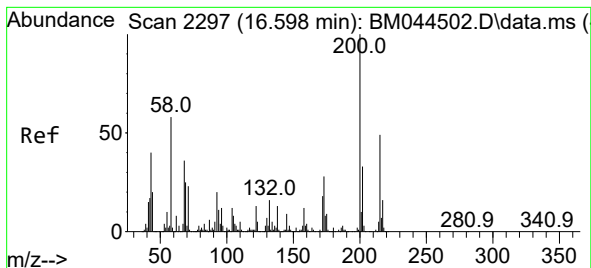
Tgt Ion:248 Resp: 1076461
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 75.8 65.4 98.2



#69
Hexachlorobenzene
Concen: 87.472 ng/ul
RT: 16.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:284 Resp: 1187643
Ion Ratio Lower Upper
284 100
142 37.9 33.7 50.5
249 30.5 24.8 37.2





#70

Atrazine

Concen: 97.932 ng/ul

RT: 16.609 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

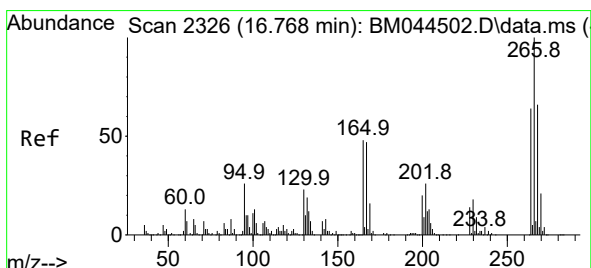
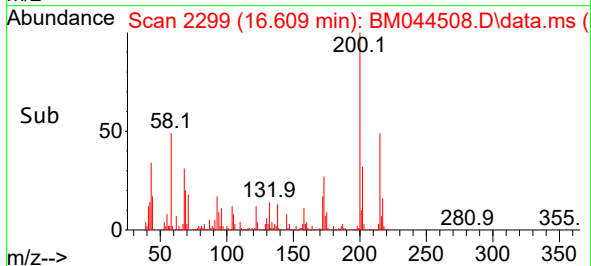
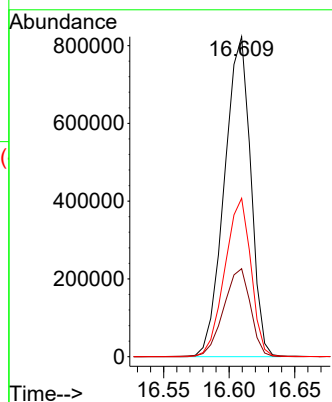
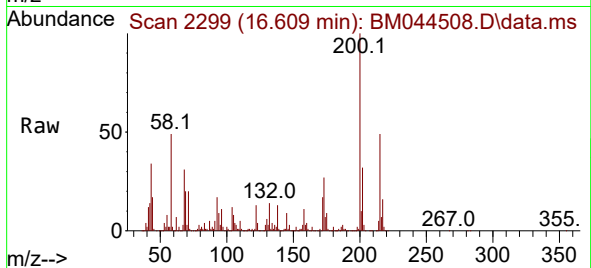
Tgt Ion:200 Resp: 1148693

Ion Ratio Lower Upper

200 100

173 27.5 22.4 33.6

215 49.5 38.9 58.3



#71

Pentachlorophenol

Concen: 93.758 ng/ul

RT: 16.768 min Scan# 2326

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

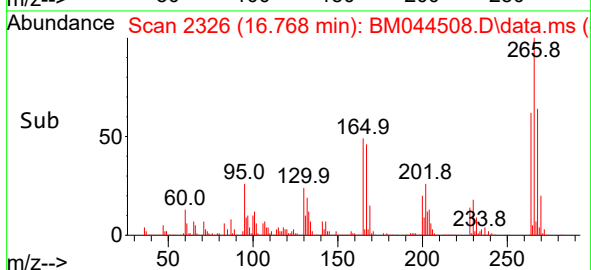
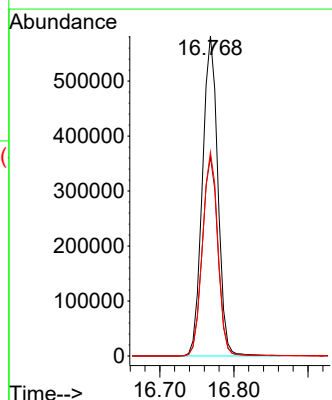
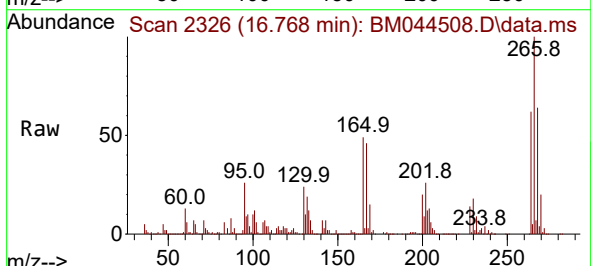
Tgt Ion:266 Resp: 840585

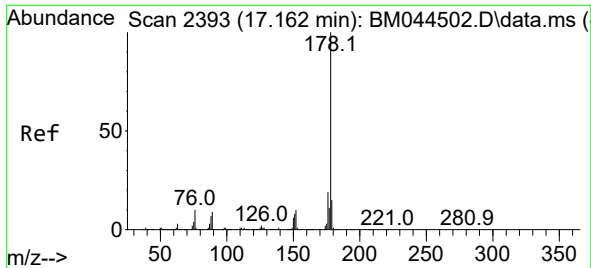
Ion Ratio Lower Upper

266 100

264 62.2 51.0 76.4

268 63.8 52.6 78.8

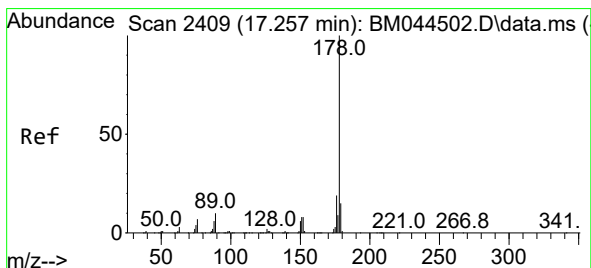
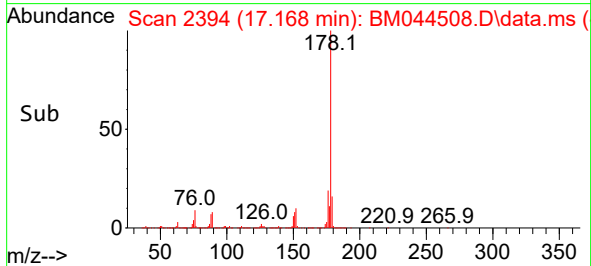
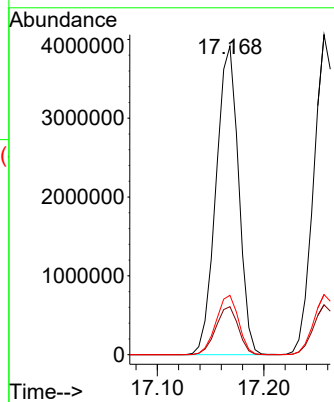
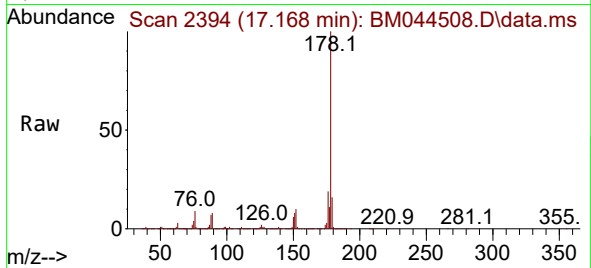




#72
Phenanthrene
Concen: 84.979 ng/ul
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

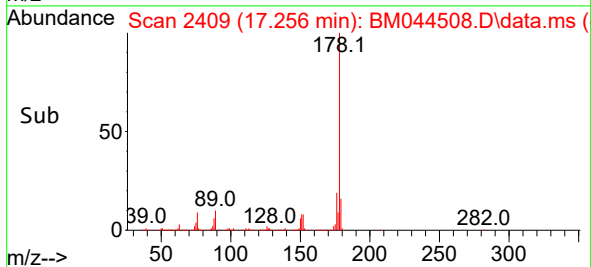
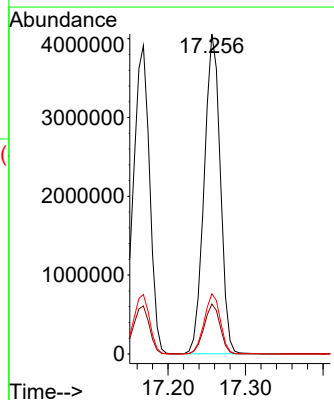
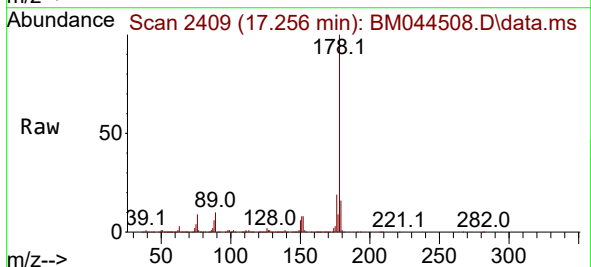
Instrument :
BNA_M
ClientSampleId :
SP6445

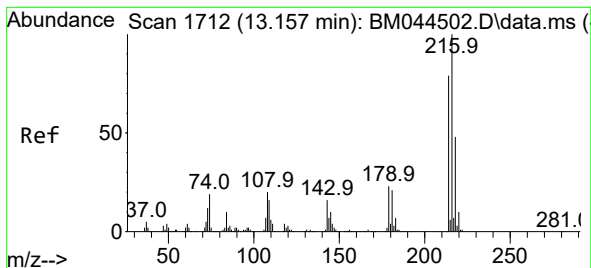
Tgt Ion:178 Resp: 5745088
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.4 23.2



#74
Anthracene
Concen: 85.691 ng/ul
RT: 17.256 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:178 Resp: 5858922
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 91.609 ng/uL

RT: 13.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

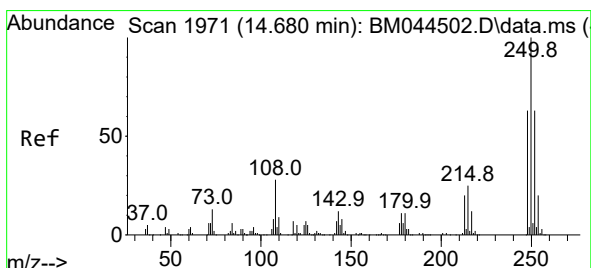
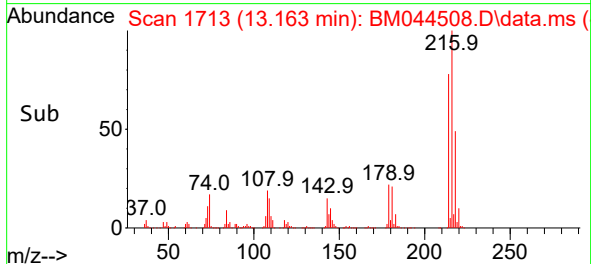
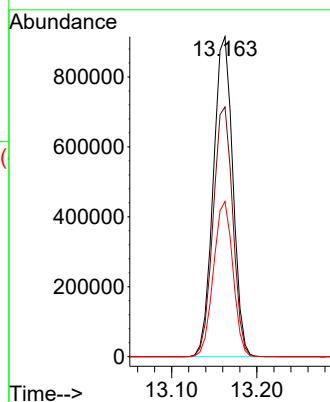
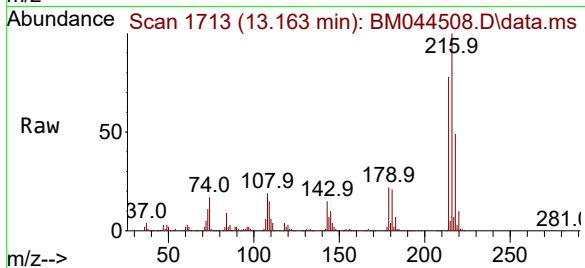
Tgt Ion:216 Resp: 1458237

Ion Ratio Lower Upper

216 100

214 78.1 62.9 94.3

218 48.5 38.6 57.8



#76

Pentachlorobenzene

Concen: 86.470 ng/uL

RT: 14.686 min Scan# 1972

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

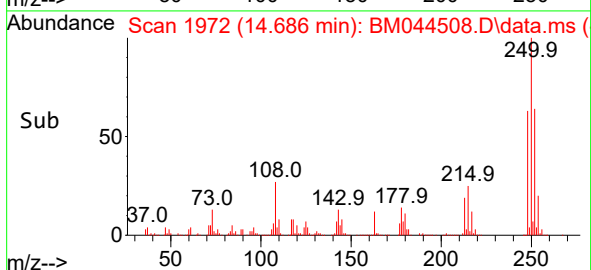
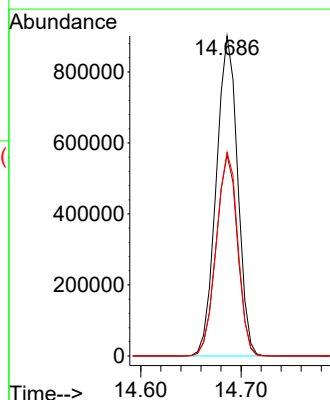
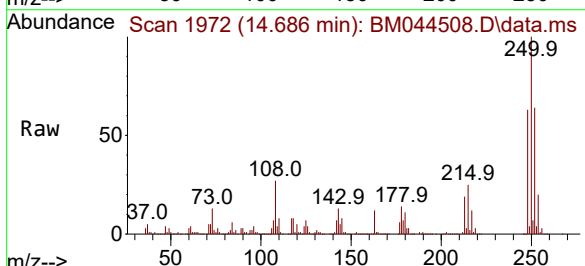
Tgt Ion:250 Resp: 1330734

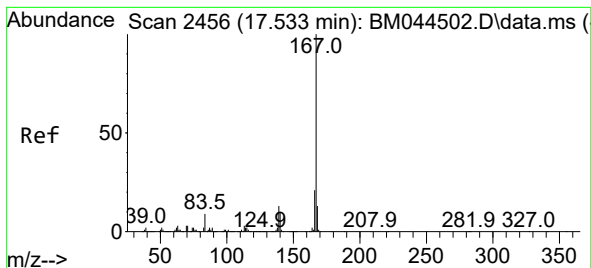
Ion Ratio Lower Upper

250 100

248 62.8 50.1 75.1

252 63.7 50.6 75.8





#77

Carbazole

Concen: 87.641 ng/ul

RT: 17.533 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

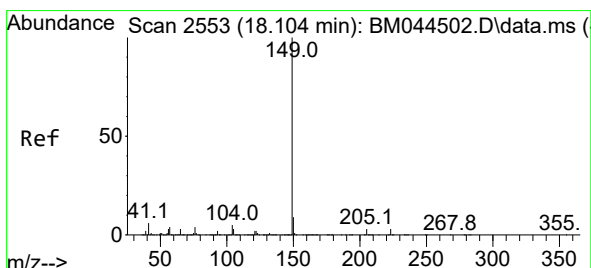
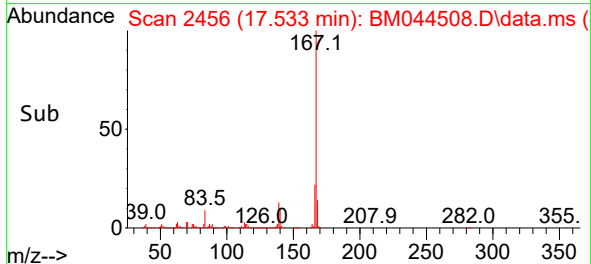
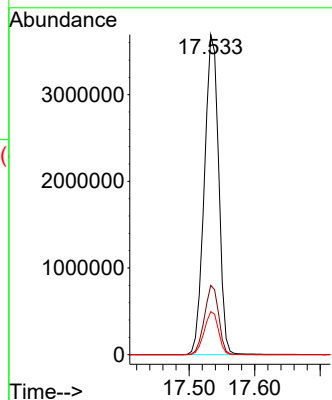
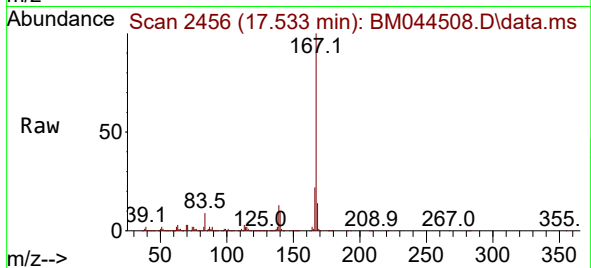
Tgt Ion:167 Resp: 5630859

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.4 10.4 15.6



#78

Di-n-butylphthalate

Concen: 84.848 ng/ul

RT: 18.103 min Scan# 2553

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

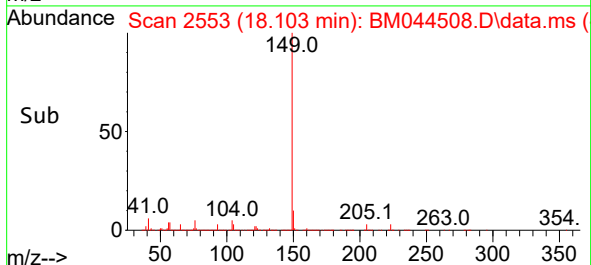
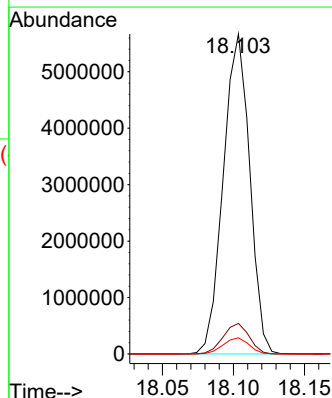
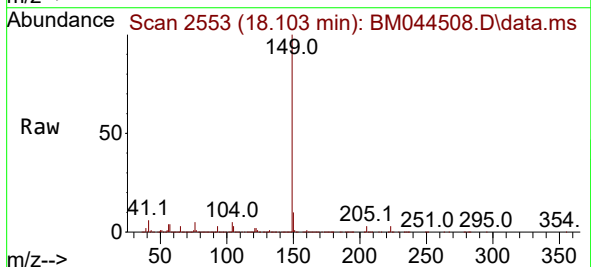
Tgt Ion:149 Resp: 7332656

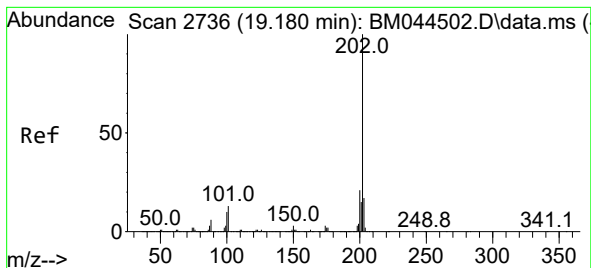
Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 5.0 3.8 5.6





#80

Fluoranthene

Concen: 94.207 ng/ul

RT: 19.186 min Scan# 2736

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

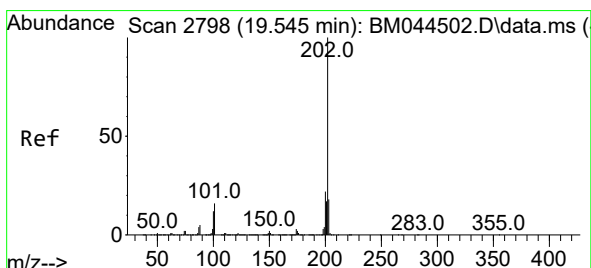
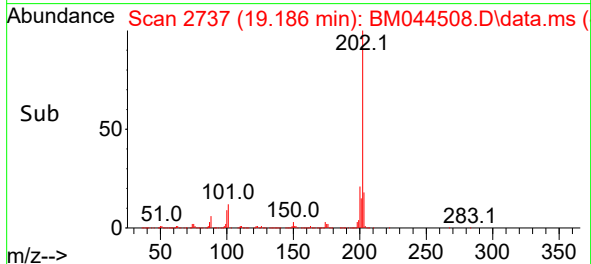
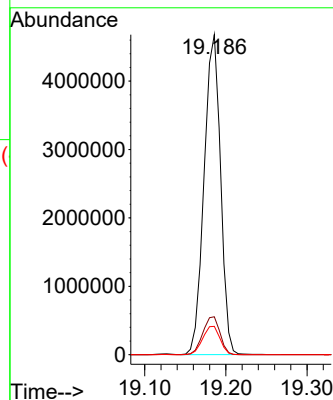
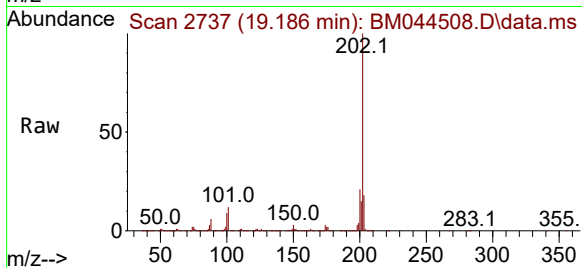
Tgt Ion:202 Resp: 6581049

Ion Ratio Lower Upper

202 100

101 11.9 10.7 16.1

100 8.8 8.2 12.2



#82

Pyrene

Concen: 93.493 ng/ul

RT: 19.545 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

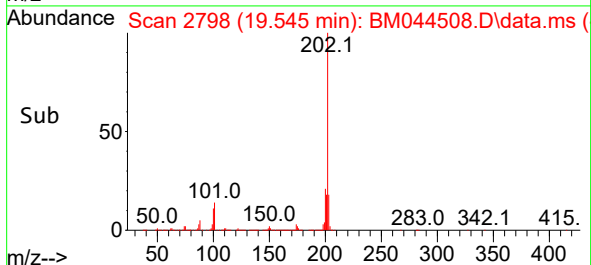
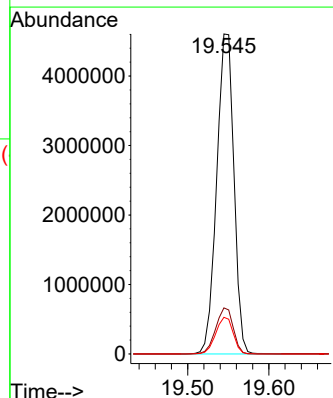
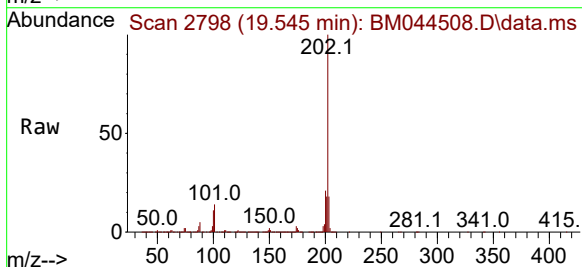
Tgt Ion:202 Resp: 6799596

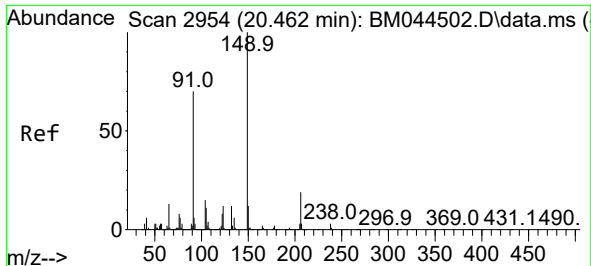
Ion Ratio Lower Upper

202 100

101 14.4 12.5 18.7

100 11.5 10.0 15.0

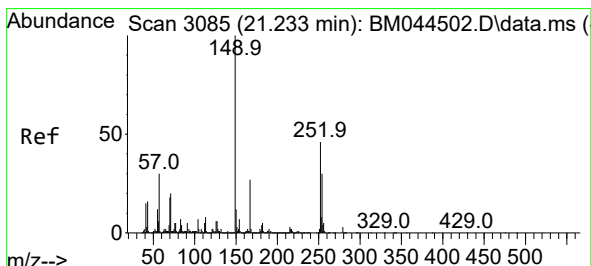
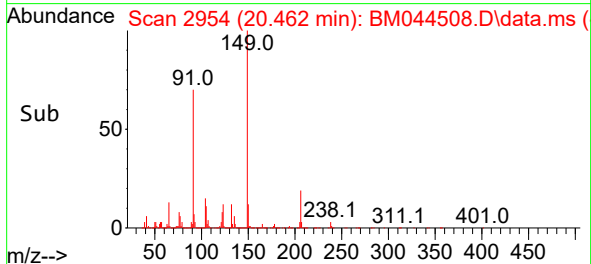
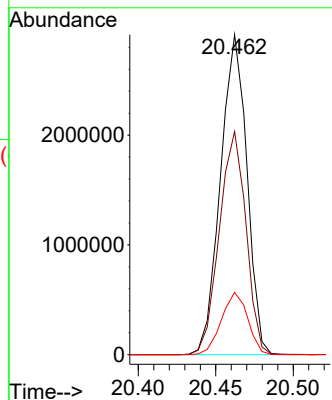
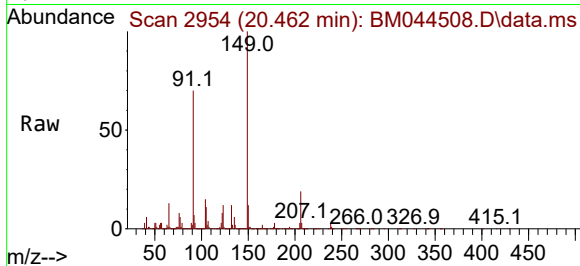




#83
Butylbenzylphthalate
Concen: 96.672 ng/ul
RT: 20.462 min Scan# 2954
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

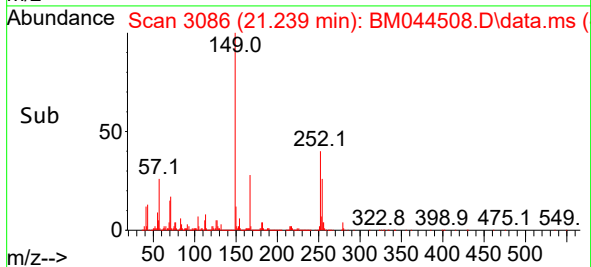
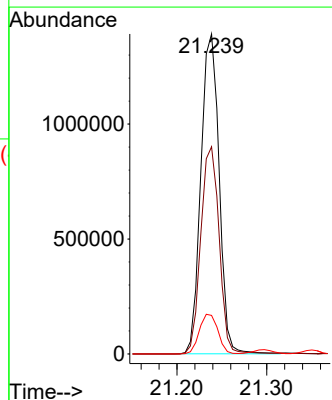
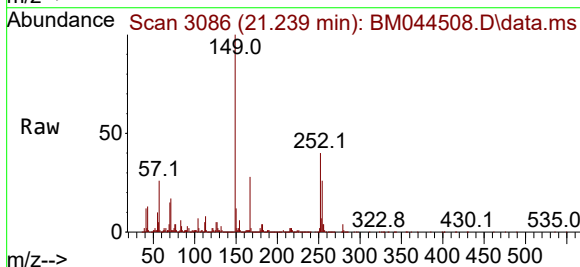
Instrument :
BNA_M
ClientSampleId :
SP6445

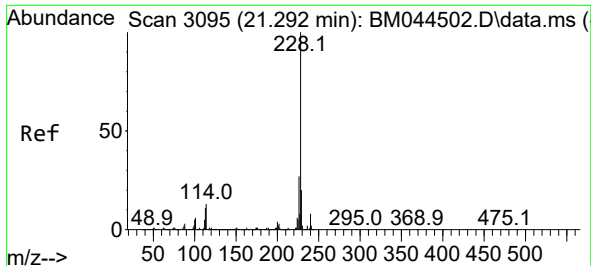
Tgt Ion:149 Resp: 3457129
Ion Ratio Lower Upper
149 100
91 69.8 55.9 83.9
206 19.5 15.4 23.0



#84
3,3'-Dichlorobenzidine
Concen: 94.919 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:252 Resp: 1963717
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 12.0 11.1 16.7

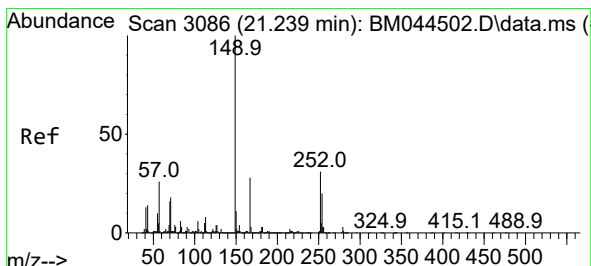
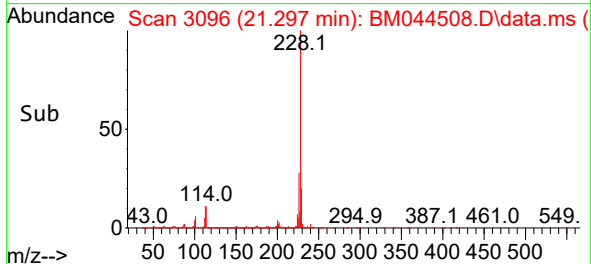
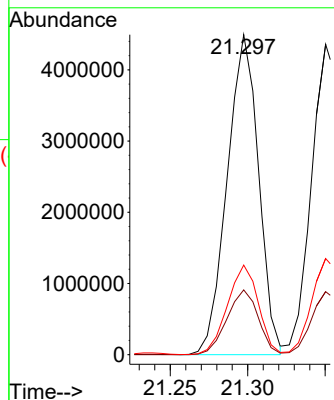
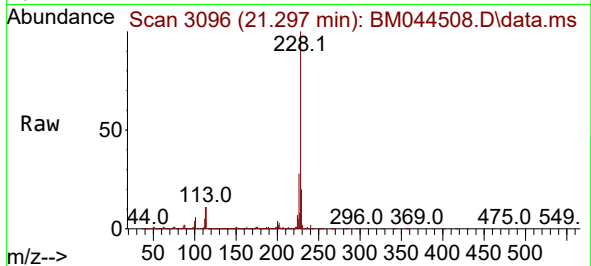




#85
Benzo(a)anthracene
Concen: 87.986 ng/ul
RT: 21.297 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

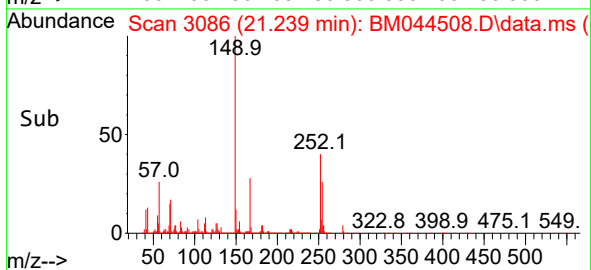
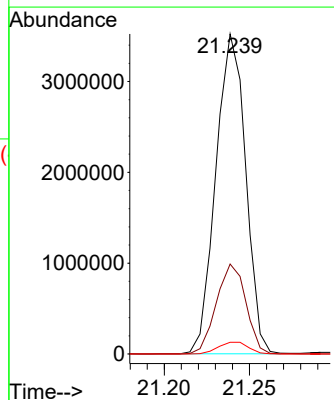
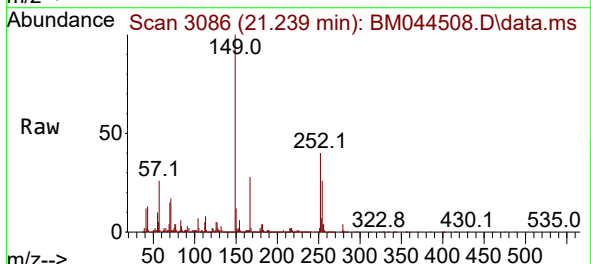
Instrument :
BNA_M
ClientSampleId :
SP6445

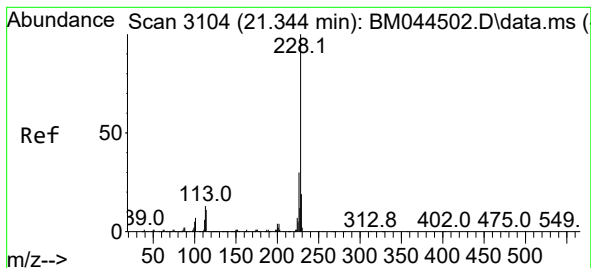
Tgt Ion:228 Resp: 6319344
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 28.0 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 82.166 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:149 Resp: 4284233
Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 3.7 2.6 4.0





#87

Chrysene

Concen: 87.578 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

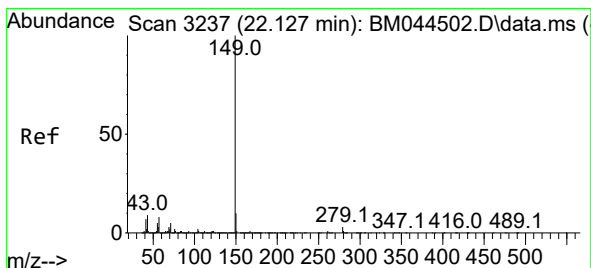
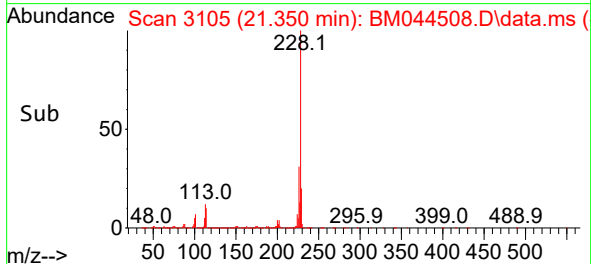
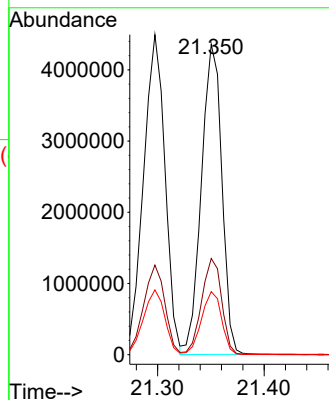
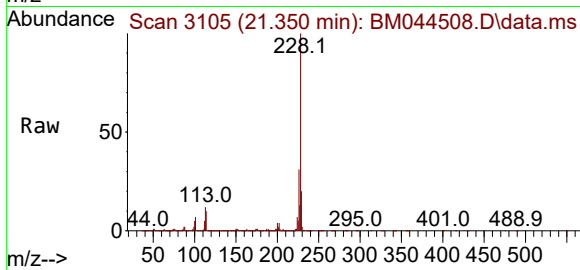
Tgt Ion:228 Resp: 5823439

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

229 20.3 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 93.218 ng/ul

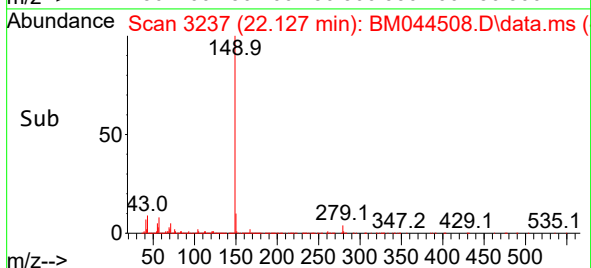
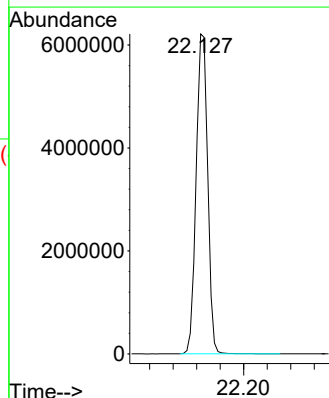
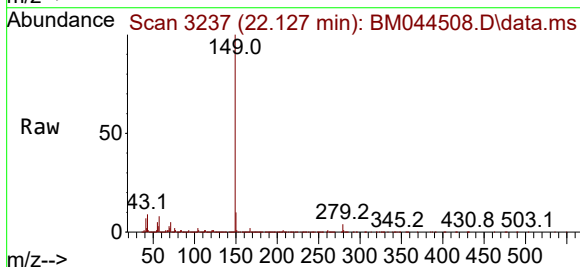
RT: 22.127 min Scan# 3237

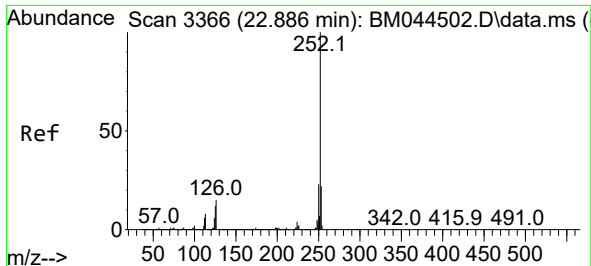
Delta R.T. -0.000 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Tgt Ion:149 Resp: 8461657

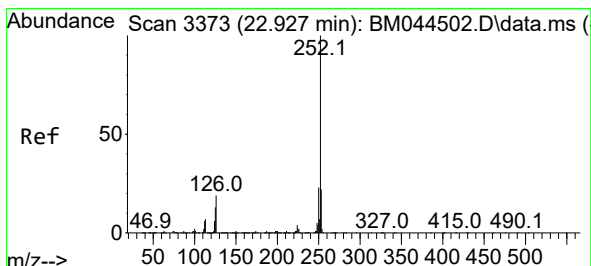
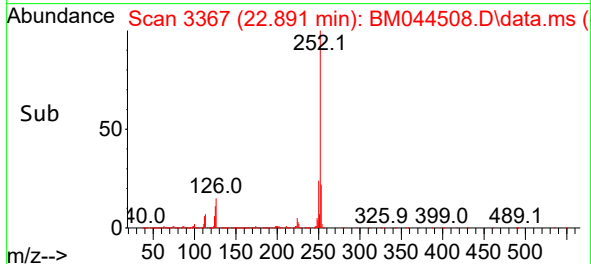
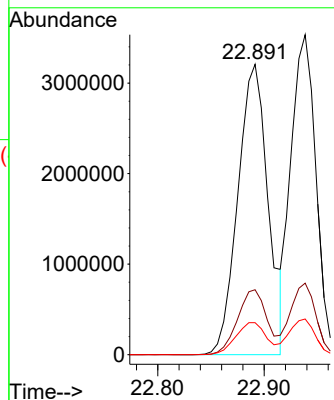
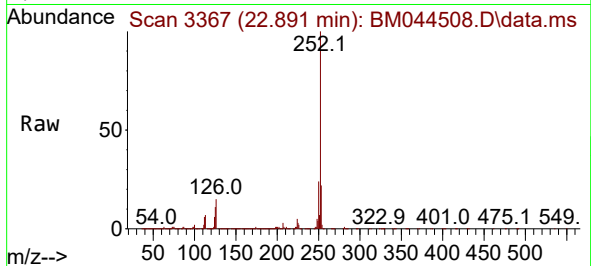




#90
Benzo(b)fluoranthene
Concen: 93.300 ng/ul
RT: 22.891 min Scan# 3367
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

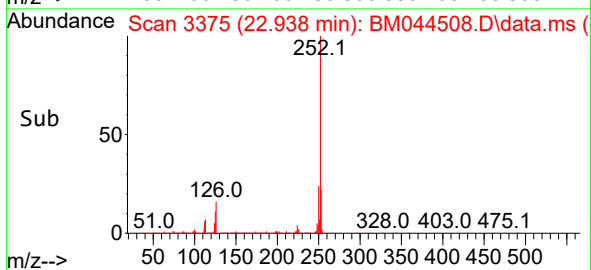
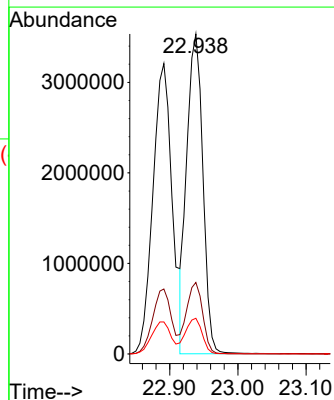
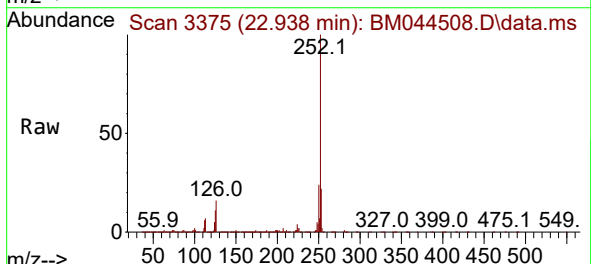
Instrument :
BNA_M
ClientSampleId :
SP6445

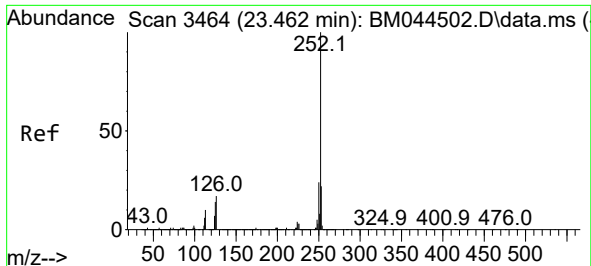
Tgt Ion:252 Resp: 6332255
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.0 9.3 13.9



#91
Benzo(k)fluoranthene
Concen: 86.614 ng/ul
RT: 22.938 min Scan# 3375
Delta R.T. 0.012 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:252 Resp: 5757505
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.2 10.0 15.0

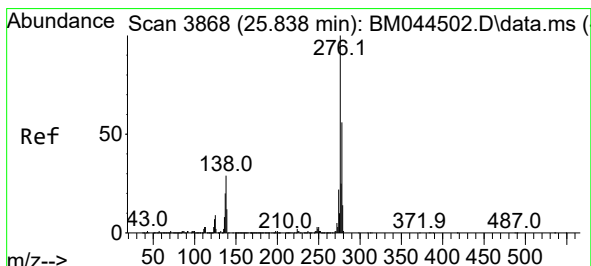
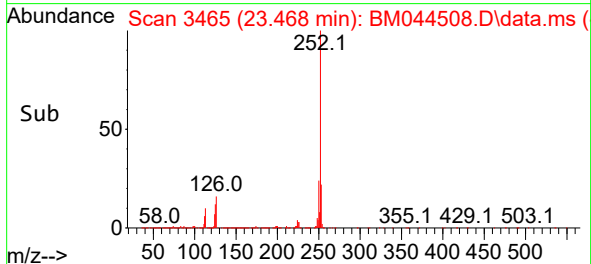
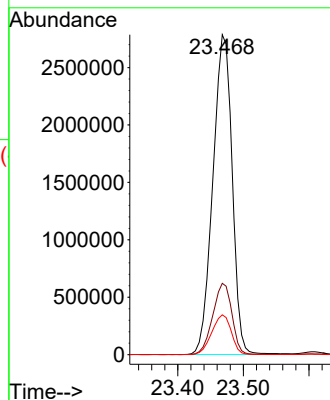
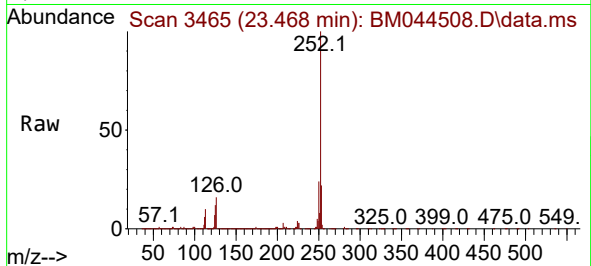




#93
Benzo(a)pyrene
Concen: 89.623 ng/ul
RT: 23.468 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

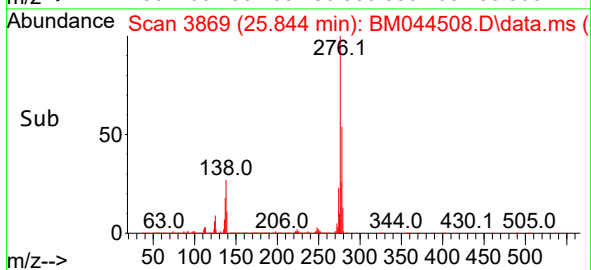
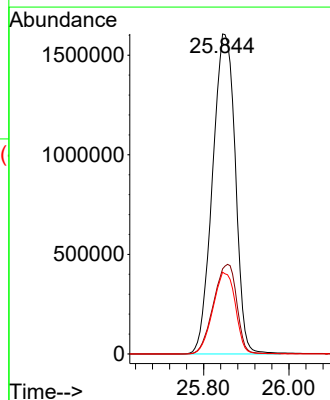
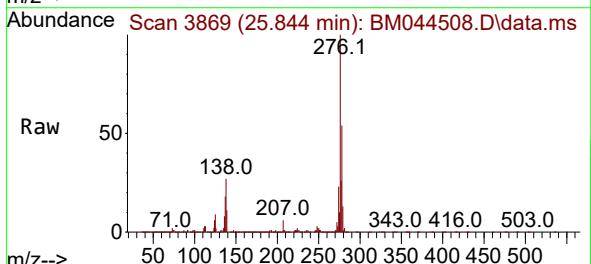
Instrument :
BNA_M
ClientSampleId :
SP6445

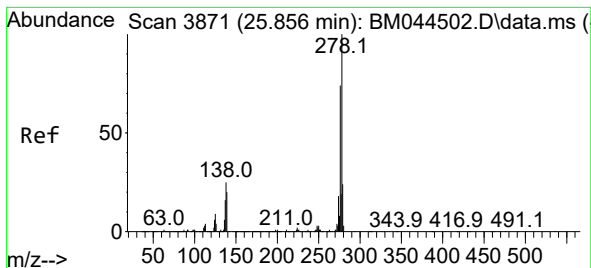
Tgt Ion:252 Resp: 5690026
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.5 10.9 16.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 83.702 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. 0.006 min
Lab File: BM044508.D
Acq: 05 Mar 2024 18:53

Tgt Ion:276 Resp: 5960396
Ion Ratio Lower Upper
276 100
138 26.6 23.1 34.7
277 25.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 83.133 ng/ul

RT: 25.868 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Instrument :

BNA_M

ClientSampleId :

SP6445

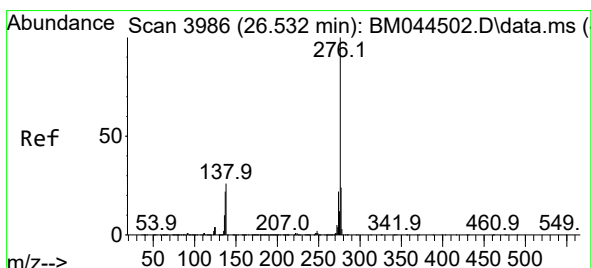
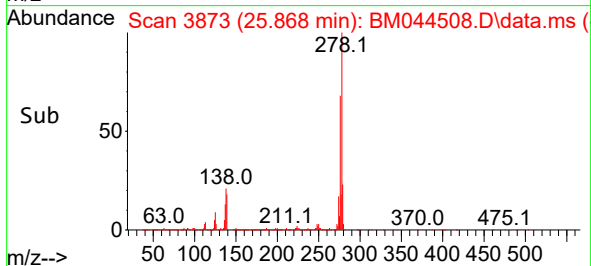
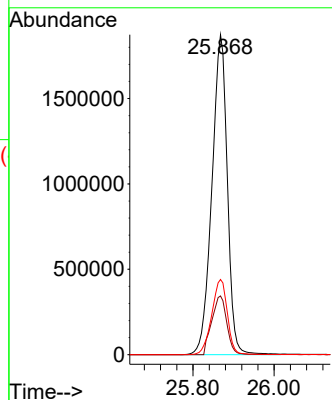
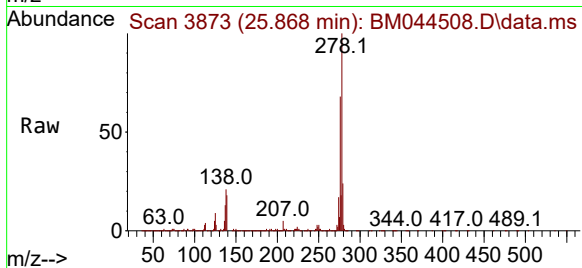
Tgt Ion:278 Resp: 4936099

Ion Ratio Lower Upper

278 100

139 18.3 15.8 23.6

279 23.5 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 84.371 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. 0.012 min

Lab File: BM044508.D

Acq: 05 Mar 2024 18:53

Tgt Ion:276 Resp: 4794494

Ion Ratio Lower Upper

276 100

138 24.7 20.8 31.2

277 24.4 19.0 28.4

