

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044708.D
 Acq On : 21 Mar 2024 19:54
 Operator : MA/JU
 Sample : PB159719BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 22 00:26:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	162231	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	676021	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.333	164	385751	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	706051	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	598620	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	684811	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	29405	6.148	ng/uL	0.00
4) Pyridine-d5	3.652	84	404934	28.763	ng/u1	0.00
7) Phenol-d5	6.869	99	511110	30.644	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	321392	31.196	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	405988	33.123	ng/u1	-0.01
15) 4-Methylphenol-d8	8.398	113	398513	30.423	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	198195	34.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	218927	35.675	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	377041	36.101	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.616	131	470232	27.109	ng/u1	-0.01
46) Dimethylphthalate-d6	13.757	166	1000931	33.078	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	1185432	34.254	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	185376	29.541	ng/u1	0.00
60) Fluorene-d10	15.333	176	845650	33.256	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	160722	35.068	ng/u1	0.00
73) Anthracene-d10	17.192	188	1220183	36.155	ng/u1	0.00
81) Pyrene-d10	19.492	212	1318137	35.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.392	264	1316781	36.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	57879	11.688	ng/uL	95
5) Pyridine	3.669	79	396172	27.132	ng/u1	96
6) Benzaldehyde	6.851	77	210040	28.912	ng/u1	93
8) Phenol	6.893	94	517849	30.421	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.134	93	426194	30.491	ng/u1	96
12) 2-Chlorophenol	7.257	128	409486	32.390	ng/u1	98
13) 2-Methylphenol	8.134	108	386492	29.920	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	616611	33.404	ng/u1	97
16) Acetophenone	8.516	105	609480	30.001	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.504	70	316601	30.164	ng/u1	92
18) 4-Methylphenol	8.463	108	416429	29.615	ng/u1	95
19) Hexachloroethane	8.745	117	175396	33.869	ng/u1	98
22) Nitrobenzene	8.892	77	467899	34.660	ng/u1	96
23) Isophorone	9.416	82	899638	32.664	ng/u1	98
25) 2-Nitrophenol	9.598	139	227562	34.014	ng/u1	99
26) 2,4-Dimethylphenol	9.657	107	401001	32.941	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.904	93	560063	32.333	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	363946	34.904	ng/u1	99
30) Naphthalene	10.522	128	1293177	33.775	ng/u1	99
32) 4-Chloroaniline	10.645	127	325613	19.472	ng/u1	98
33) Hexachlorobutadiene	10.786	225	218913	37.458	ng/u1	97
34) Caprolactam	11.434	113	75016	18.474	ng/u1	96
35) 4-Chloro-3-methylphenol	11.769	107	384028	31.760	ng/u1	99
36) 2-Methylnaphthalene	12.139	142	839115	32.957	ng/u1	99

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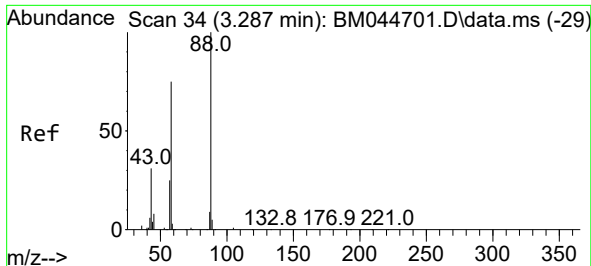
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	819745	32.637	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	399328	36.387	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	257314	35.321	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	251281	32.662	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	272147	33.008	ng/ul	97
43) 1,1'-Biphenyl	13.163	154	1054157	34.414	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	825246	34.331	ng/ul	99
45) 2-Nitroaniline	13.427	65	250561	33.203	ng/ul	98
47) Dimethylphthalate	13.810	163	996331	32.357	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	200286	32.565	ng/ul	99
50) Acenaphthylene	14.057	152	1350536	33.483	ng/ul	100
51) 3-Nitroaniline	14.263	138	199653	30.053	ng/ul	97
52) Acenaphthene	14.398	153	890806	33.595	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	106548	27.083	ng/ul	97
55) 4-Nitrophenol	14.569	109	136250	30.989	ng/ul	90
56) Dibenzofuran	14.739	168	1176567	33.358	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	283440	31.926	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.963	232	203860	29.878	ng/ul	97
59) Diethylphthalate	15.180	149	1025060	32.077	ng/ul	99
61) Fluorene	15.392	166	953976	33.070	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	458509	34.246	ng/ul	99
63) 4-Nitroaniline	15.427	138	199863	31.477	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.480	198	166911	34.080	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	785287	36.929	ng/ul	100
68) 4-Bromophenyl-phenylether	16.286	248	271517	38.447	ng/ul	99
69) Hexachlorobenzene	16.386	284	310212	38.565	ng/ul	96
70) Atrazine	16.574	200	93110	13.399	ng/ul	97
71) Pentachlorophenol	16.739	266	164749	31.017	ng/ul	98
72) Phenanthrene	17.133	178	1424094	35.556	ng/ul	100
74) Anthracene	17.227	178	1444298	35.656	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	391247	41.487	ng/uL	99
76) Pentachlorobenzene	14.651	250	372964	40.907	ng/uL	98
77) Carbazole	17.504	167	1320692	34.697	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1719694	33.588	ng/ul	100
80) Fluoranthene	19.157	202	1556141	35.590	ng/ul	97
82) Pyrene	19.521	202	1610780	35.385	ng/ul	98
83) Butylbenzylphthalate	20.439	149	747032	33.374	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.215	252	452661	34.957	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1550523	34.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1129617	34.613	ng/ul	99
87) Chrysene	21.327	228	1442114	34.650	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1963244	32.034	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1593220	34.769	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1503641	33.504	ng/ul	98
93) Benzo(a)pyrene	23.439	252	1499762	34.988	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1848647	38.451	ng/ul	99
95) Dibenzo(a,h)anthracene	25.815	278	1561076	38.941	ng/ul	98
96) Benzo(g,h,i)perylene	26.491	276	1502225	39.154	ng/ul	98

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

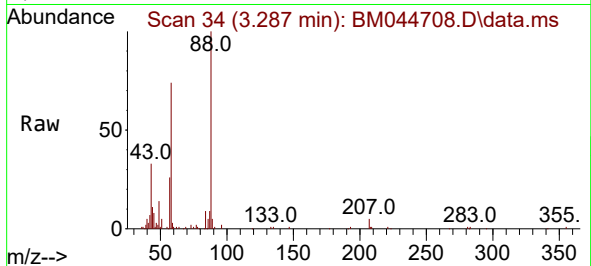
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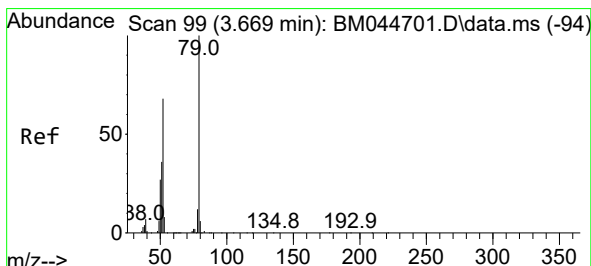
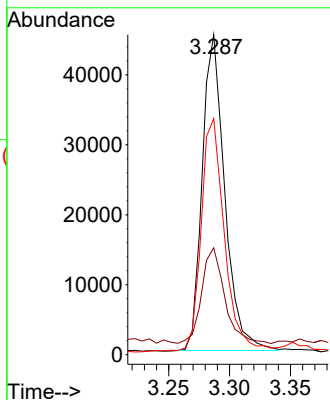
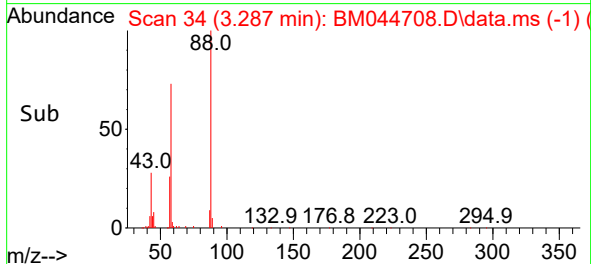


#2
1,4-Dioxane
Concen: 11.688 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

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BNA_M
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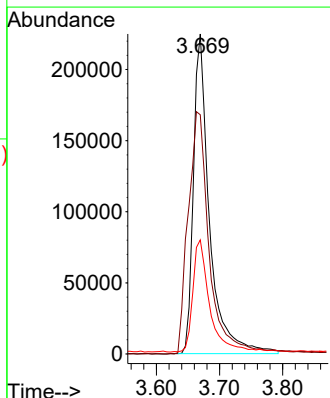
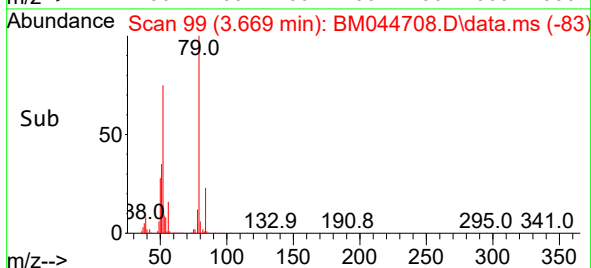
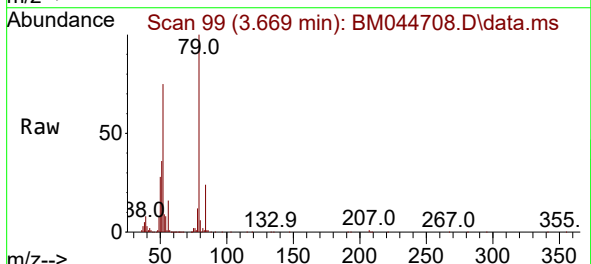


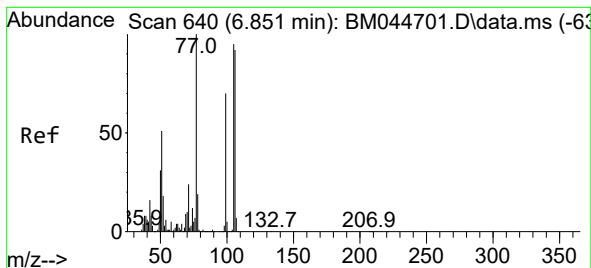
Tgt Ion: 88 Resp: 57879
Ion Ratio Lower Upper
88 100
43 33.4 23.8 35.6
58 73.7 61.6 92.4



#5
Pyridine
Concen: 27.132 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion: 79 Resp: 396172
Ion Ratio Lower Upper
79 100
52 74.7 57.4 86.0
51 35.6 26.6 39.8





#6

Benzaldehyde

Concen: 28.912 ng/ul

RT: 6.851 min Scan# 640

Delta R.T. -0.006 min

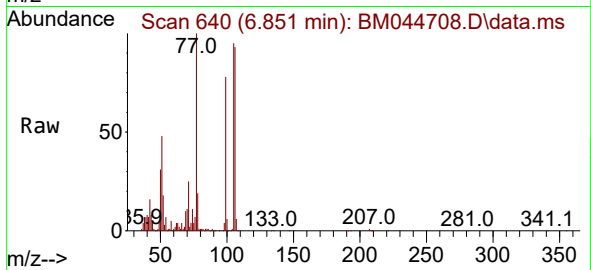
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Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :



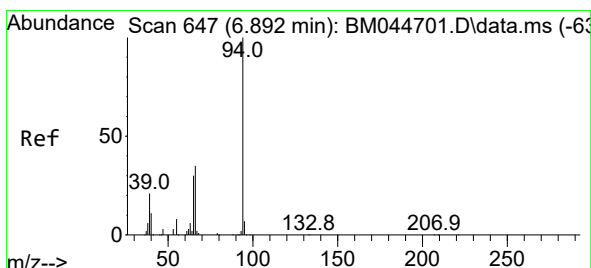
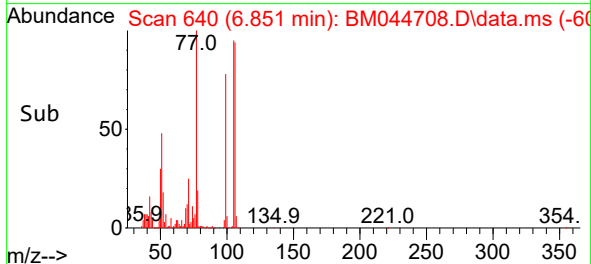
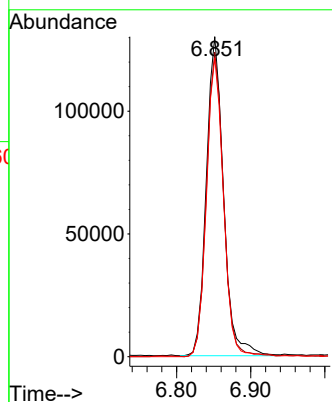
Tgt Ion: 77 Resp: 210040

Ion Ratio Lower Upper

77 100

105 95.2 81.4 122.0

106 93.4 80.2 120.4



#8

Phenol

Concen: 30.421 ng/ul

RT: 6.893 min Scan# 647

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

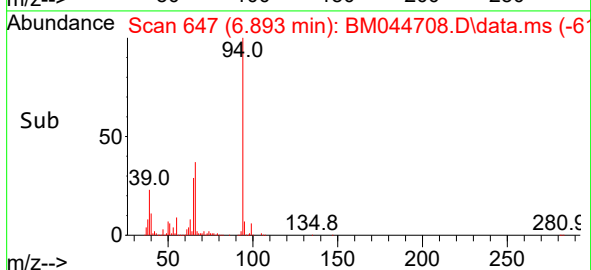
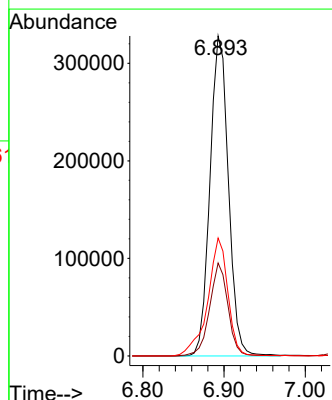
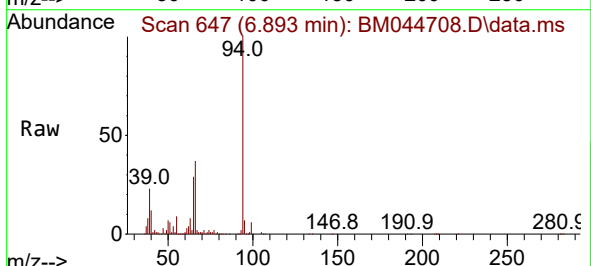
Tgt Ion: 94 Resp: 517849

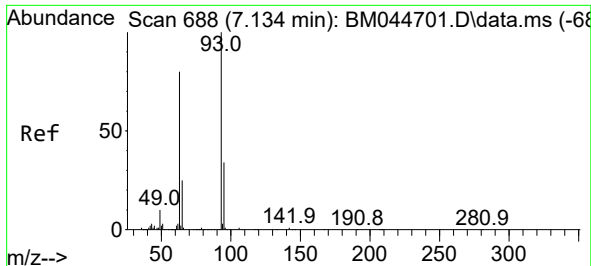
Ion Ratio Lower Upper

94 100

65 29.0 21.3 31.9

66 36.9 25.4 38.2

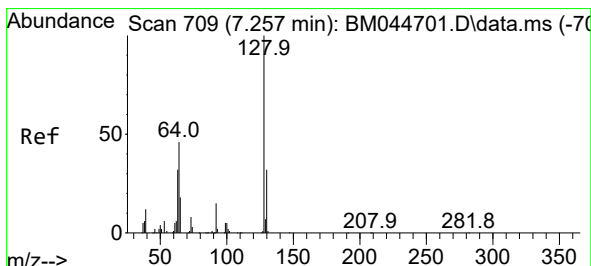
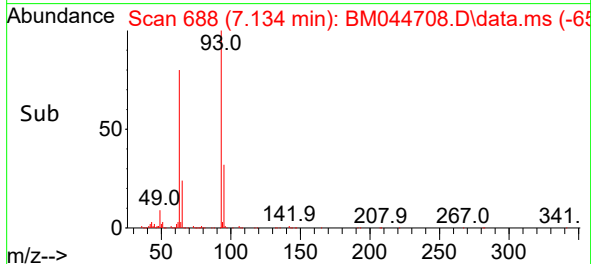
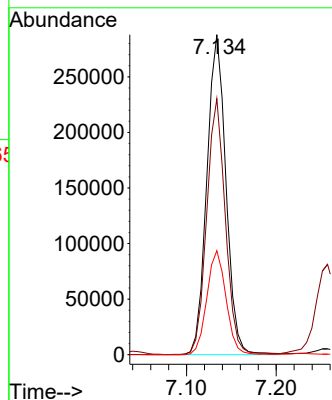
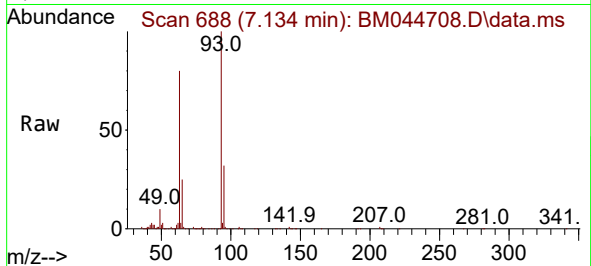




#10
Bis(2-Chloroethyl)ether
Concen: 30.491 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

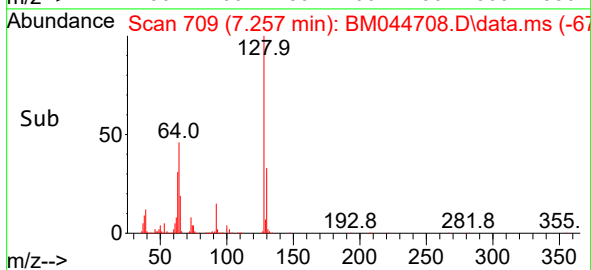
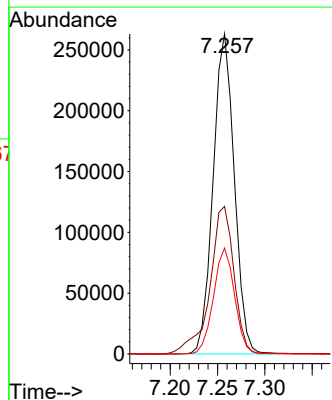
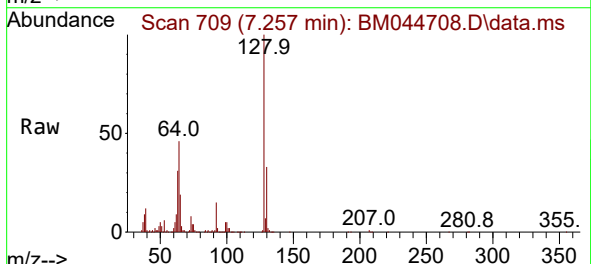
Instrument :
BNA_M
ClientSampleId :

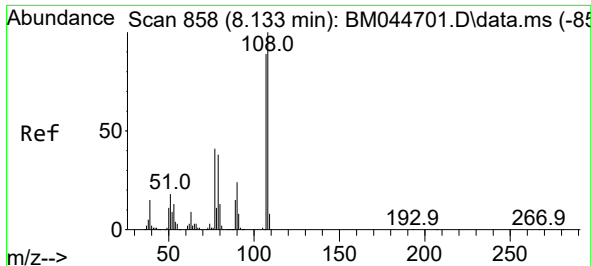
Tgt Ion: 93 Resp: 426194
Ion Ratio Lower Upper
93 100
63 80.0 60.2 90.4
95 32.5 26.8 40.2



#12
2-Chlorophenol
Concen: 32.390 ng/ul
RT: 7.257 min Scan# 709
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:128 Resp: 409486
Ion Ratio Lower Upper
128 100
64 46.1 37.4 56.2
130 33.1 25.4 38.0





#13

2-Methylphenol

Concen: 29.920 ng/ul

RT: 8.134 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

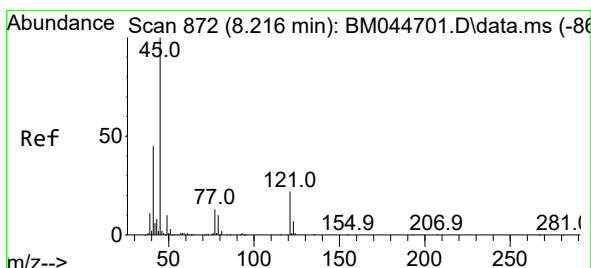
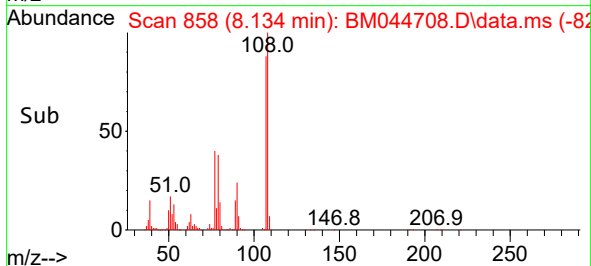
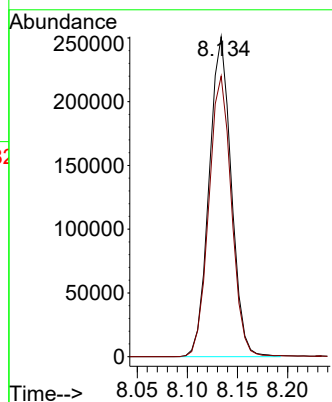
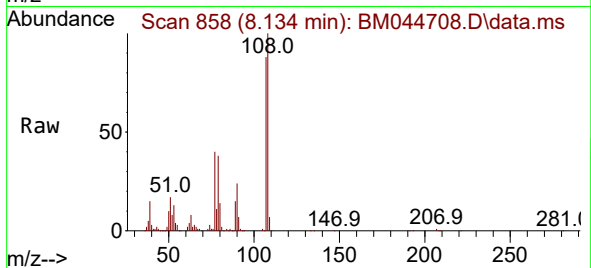
ClientSampleId :

Tgt Ion:108 Resp: 386492

Ion Ratio Lower Upper

108 100

107 87.7 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.404 ng/ul

RT: 8.216 min Scan# 872

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

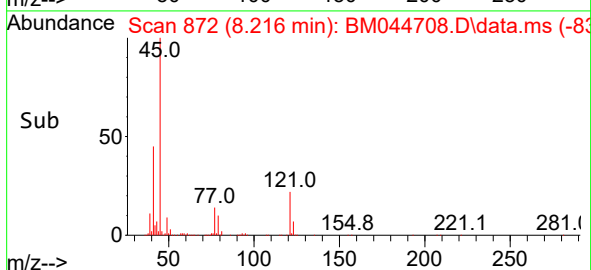
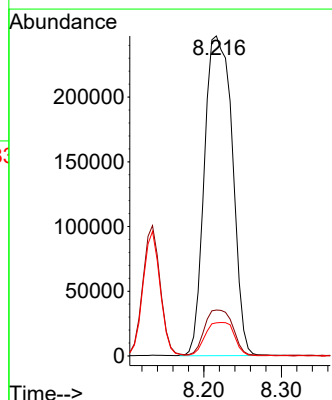
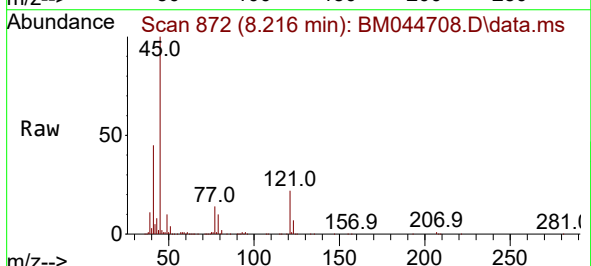
Tgt Ion: 45 Resp: 616611

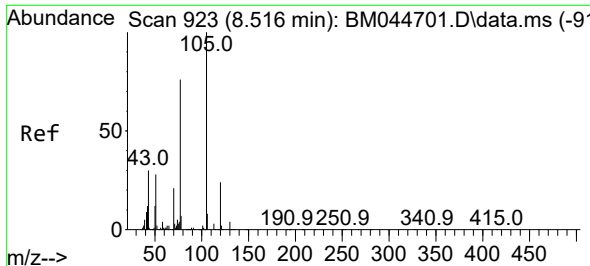
Ion Ratio Lower Upper

45 100

77 14.3 12.4 18.6

79 10.4 9.0 13.6

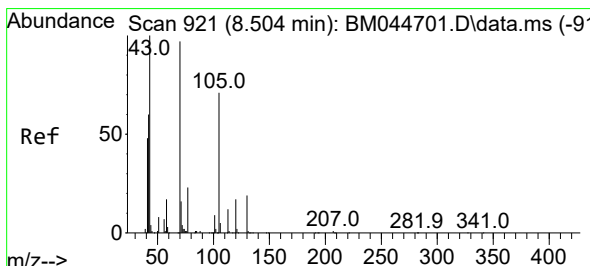
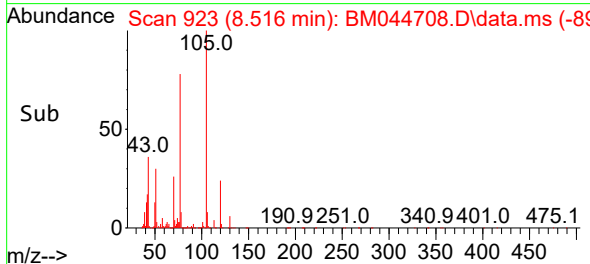
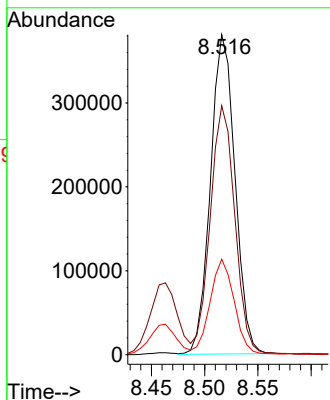
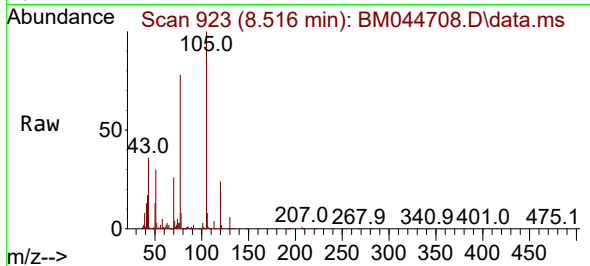




#16
Acetophenone
Concen: 30.001 ng/ul
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

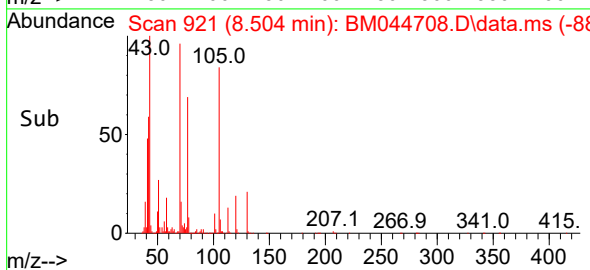
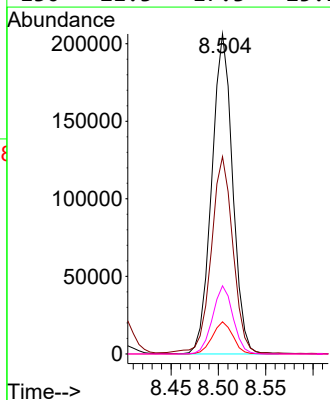
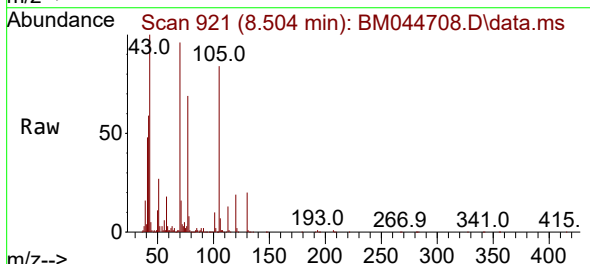
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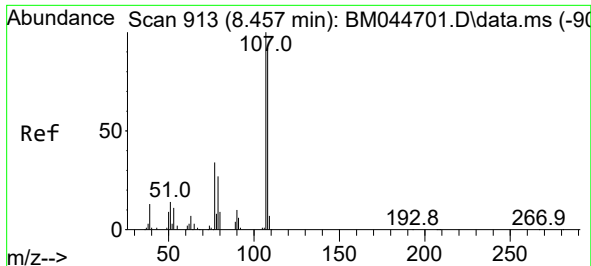
Tgt Ion:105 Resp: 609480
Ion Ratio Lower Upper
105 100
77 77.8 59.5 89.3
51 29.8 20.2 30.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.164 ng/ul
RT: 8.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion: 70 Resp: 316601
Ion Ratio Lower Upper
70 100
42 61.7 42.7 64.1
101 10.0 7.1 10.7
130 21.3 17.3 25.9





#18

4-Methylphenol

Concen: 29.615 ng/ul

RT: 8.463 min Scan# 913

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

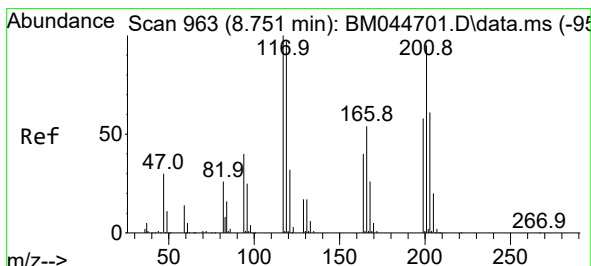
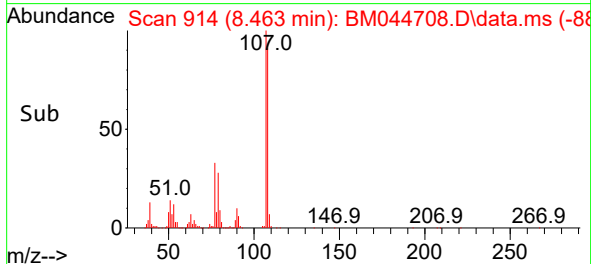
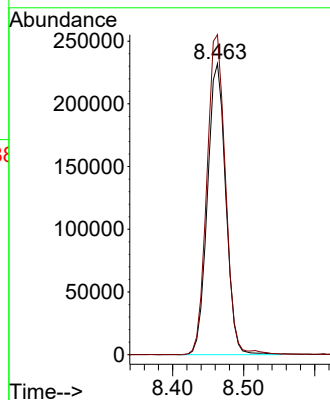
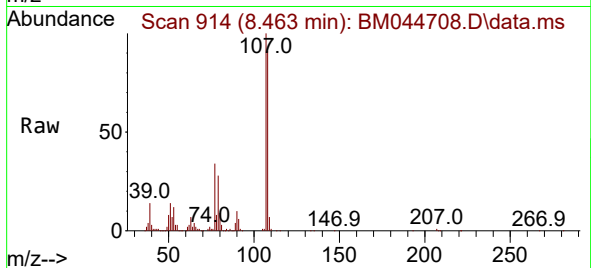
ClientSampleId :

Tgt Ion:108 Resp: 416429

Ion Ratio Lower Upper

108 100

107 109.9 91.8 137.8



#19

Hexachloroethane

Concen: 33.869 ng/ul

RT: 8.745 min Scan# 962

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

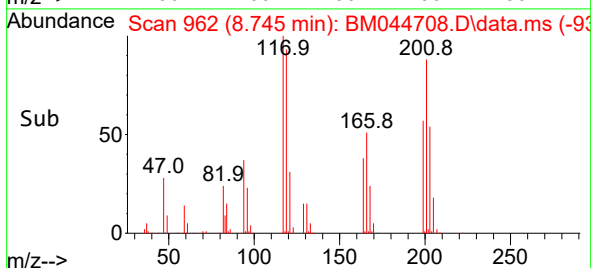
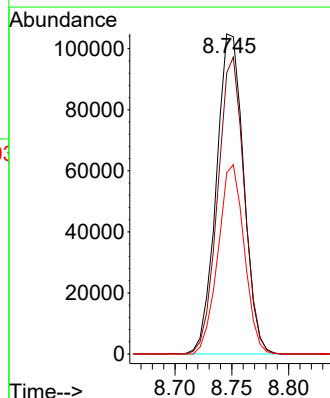
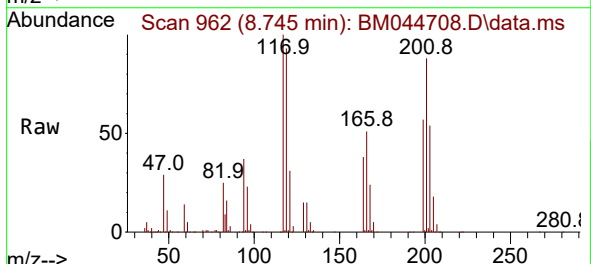
Tgt Ion:117 Resp: 175396

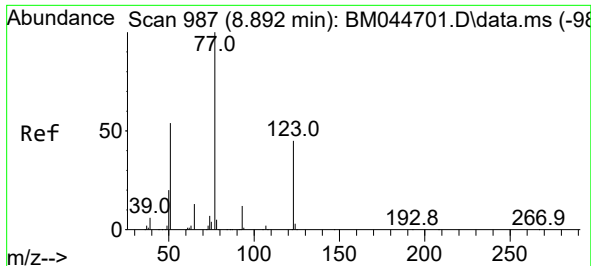
Ion Ratio Lower Upper

117 100

201 87.9 69.0 103.6

199 56.6 44.4 66.6





#22

Nitrobenzene

Concen: 34.660 ng/ul

RT: 8.892 min Scan# 987

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

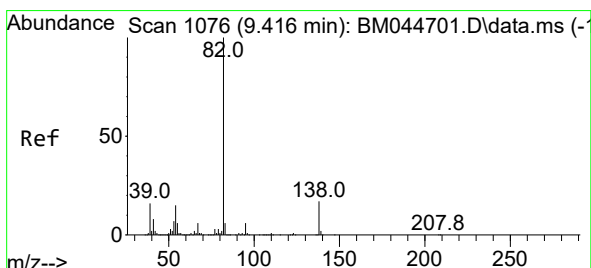
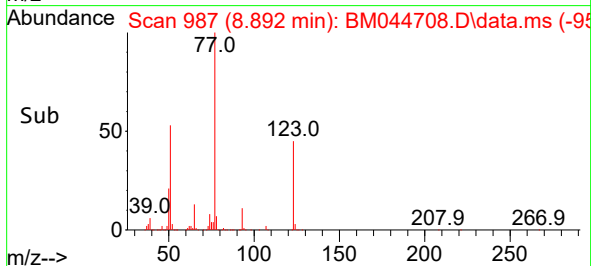
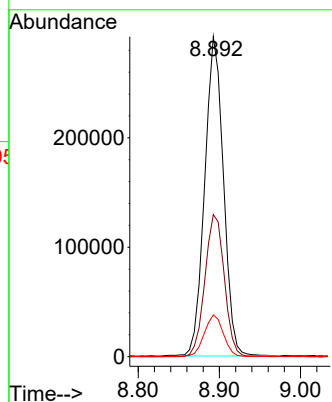
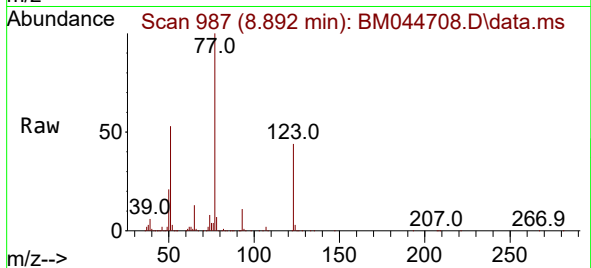
Tgt Ion: 77 Resp: 467899

Ion Ratio Lower Upper

77 100

123 44.4 38.2 57.2

65 13.1 10.2 15.2



#23

Isophorone

Concen: 32.664 ng/ul

RT: 9.416 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

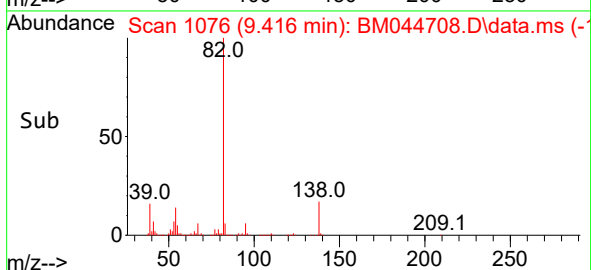
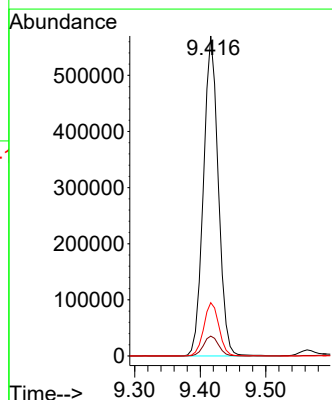
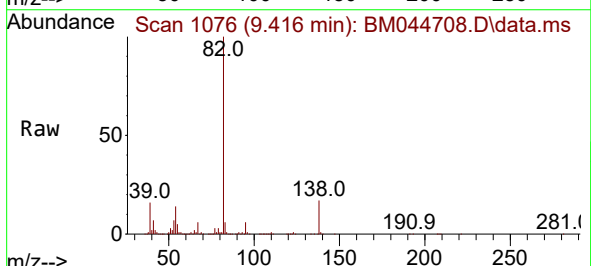
Tgt Ion: 82 Resp: 899638

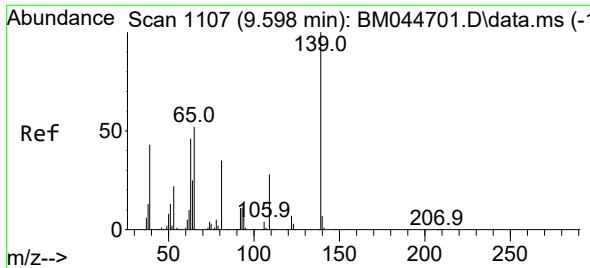
Ion Ratio Lower Upper

82 100

95 6.2 4.7 7.1

138 16.6 14.1 21.1

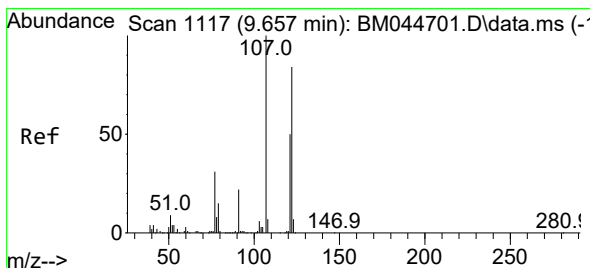
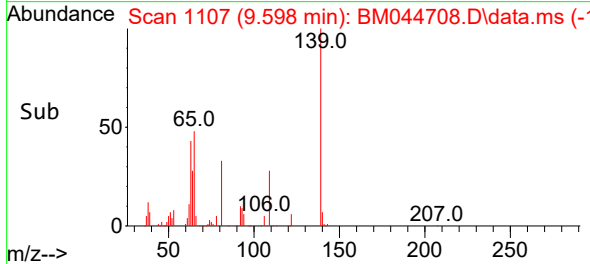
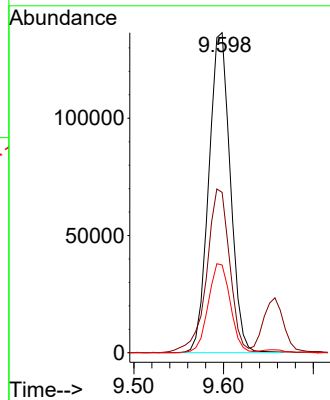
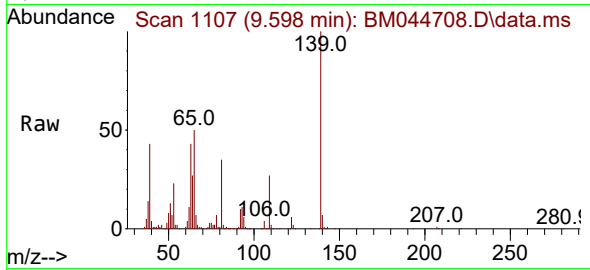




#25
2-Nitrophenol
Concen: 34.014 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

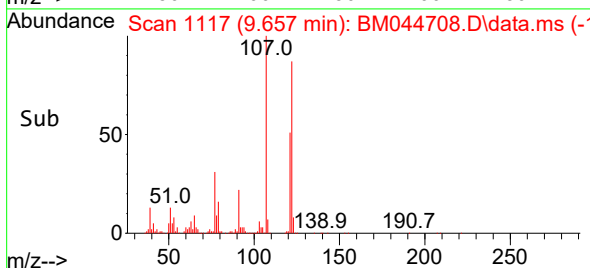
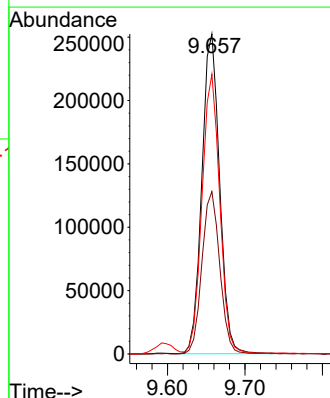
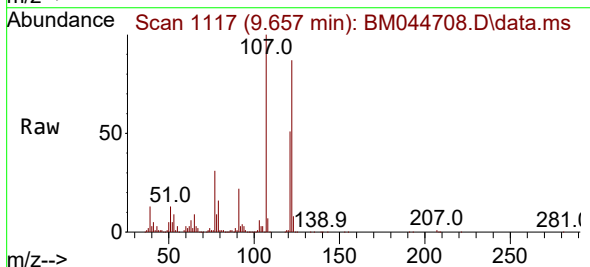
Instrument :
BNA_M
ClientSampleId :

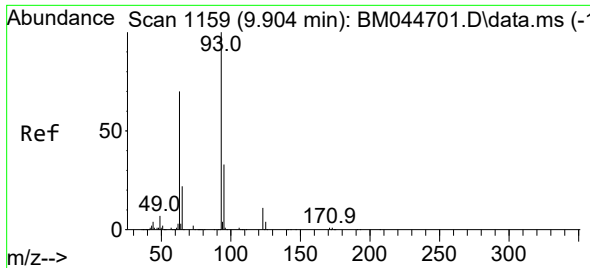
Tgt Ion:139 Resp: 227562
Ion Ratio Lower Upper
139 100
65 50.1 40.2 60.2
109 27.4 21.0 31.4



#26
2,4-Dimethylphenol
Concen: 32.941 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:107 Resp: 401001
Ion Ratio Lower Upper
107 100
121 50.7 41.0 61.6
122 87.4 71.4 107.0

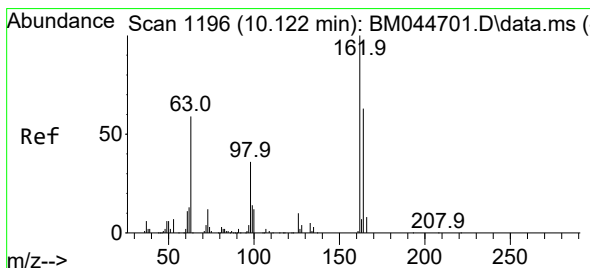
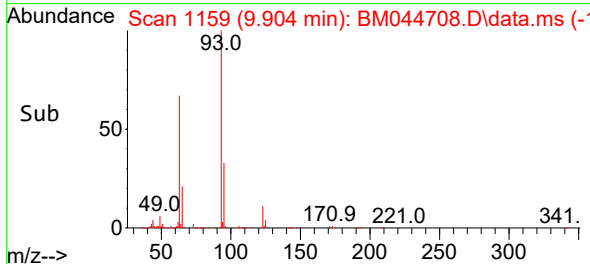
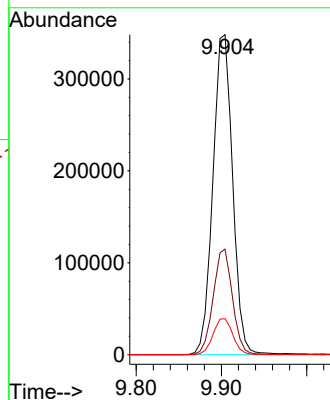
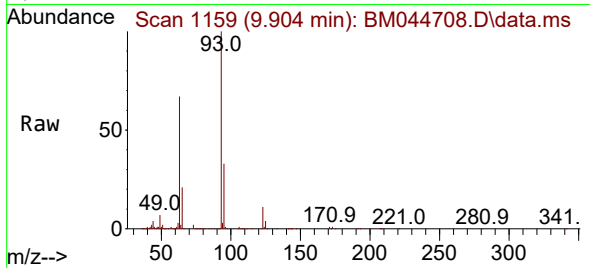




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.333 ng/ul
 RT: 9.904 min Scan# 1159
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

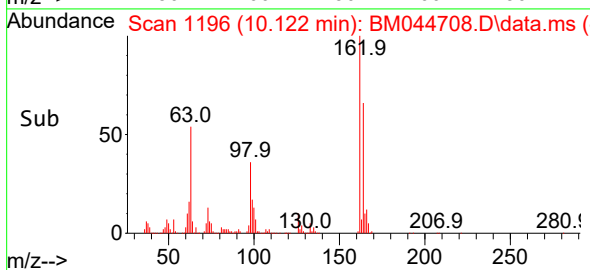
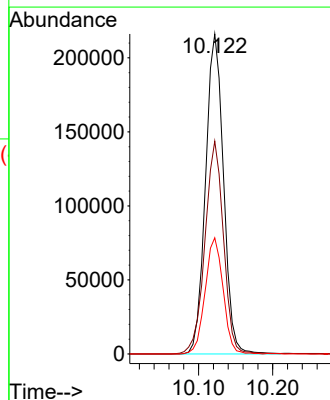
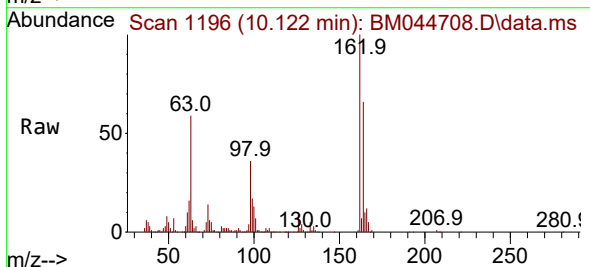
Instrument :
 BNA_M
 ClientSampleId :

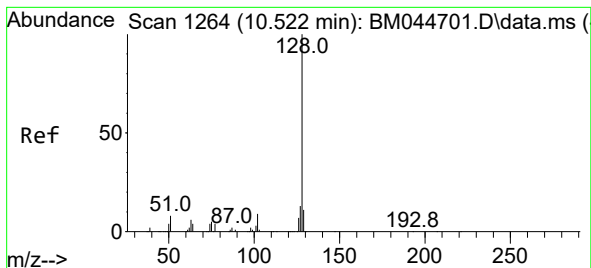
Tgt Ion: 93 Resp: 560063
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.3 37.9
 123 11.3 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 34.904 ng/ul
 RT: 10.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

Tgt Ion: 162 Resp: 363946
 Ion Ratio Lower Upper
 162 100
 164 66.5 52.7 79.1
 98 36.3 30.1 45.1

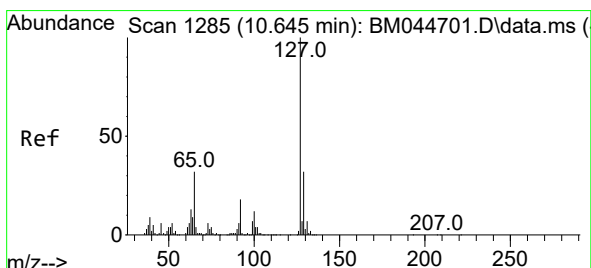
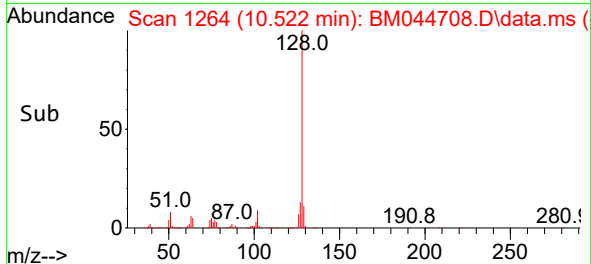
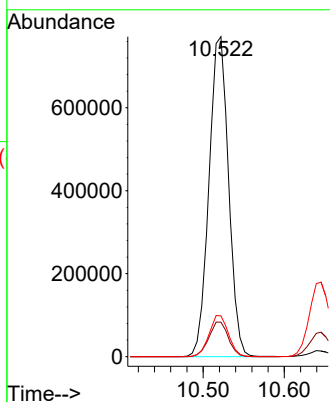
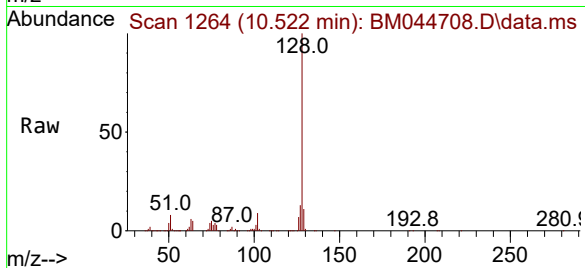




#30
Naphthalene
Concen: 33.775 ng/ul
RT: 10.522 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

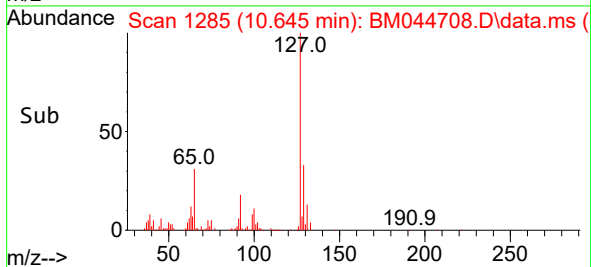
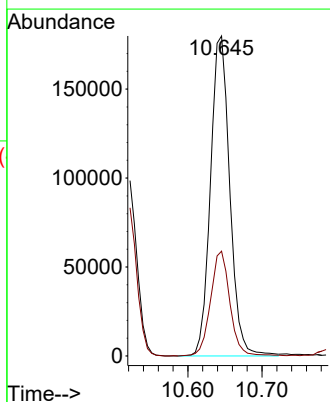
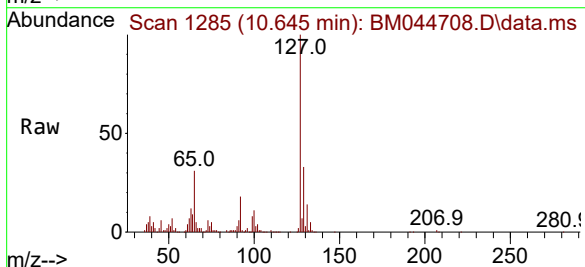
Instrument :
BNA_M
ClientSampleId :

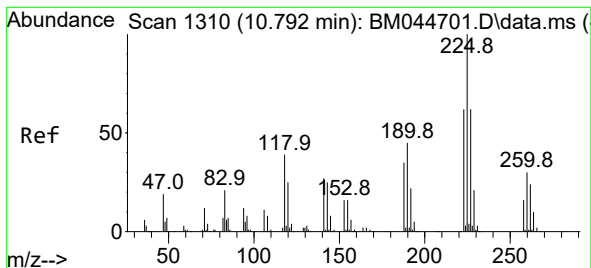
Tgt Ion:128 Resp: 1293177
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 19.472 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:127 Resp: 325613
Ion Ratio Lower Upper
127 100
129 32.7 25.1 37.7





#33

Hexachlorobutadiene

Concen: 37.458 ng/ul

RT: 10.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

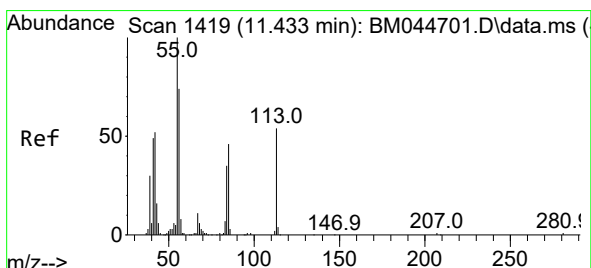
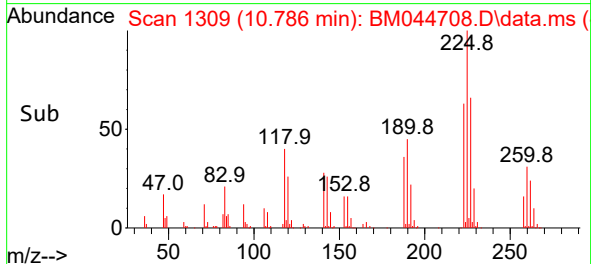
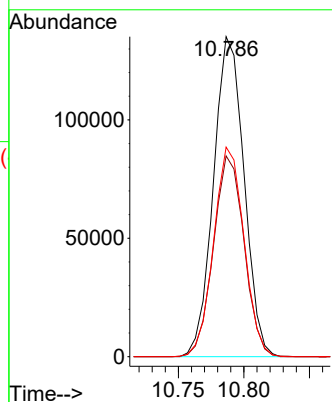
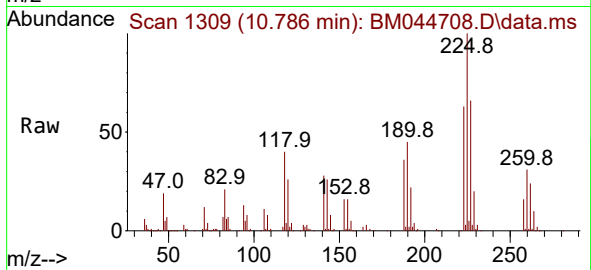
Tgt Ion:225 Resp: 218913

Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

227 65.5 49.2 73.8



#34

Caprolactam

Concen: 18.474 ng/ul

RT: 11.434 min Scan# 1419

Delta R.T. 0.000 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

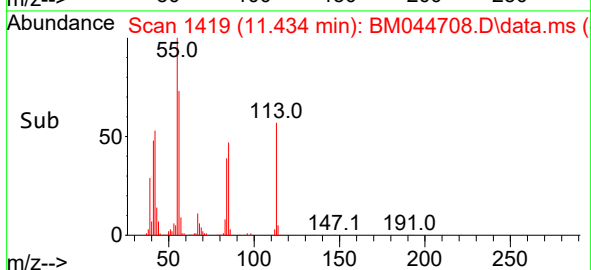
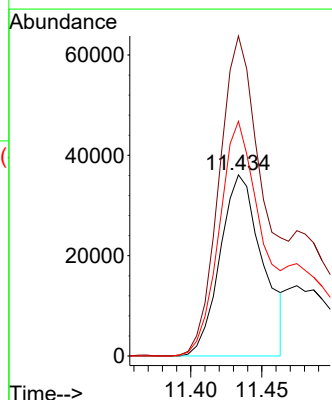
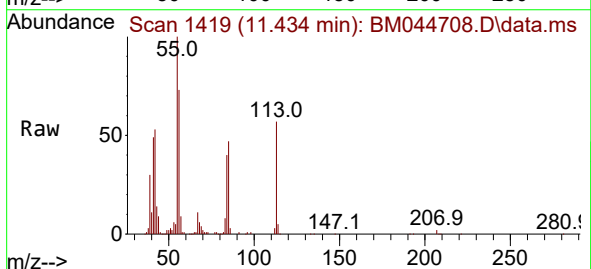
Tgt Ion:113 Resp: 75016

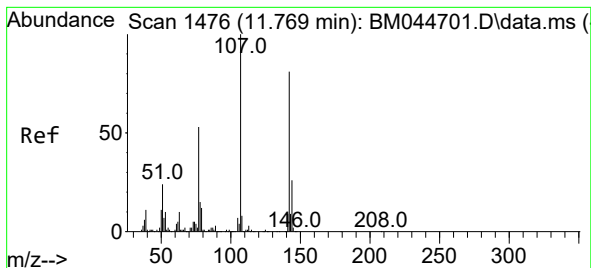
Ion Ratio Lower Upper

113 100

55 176.6 134.7 202.1

56 129.5 102.2 153.2

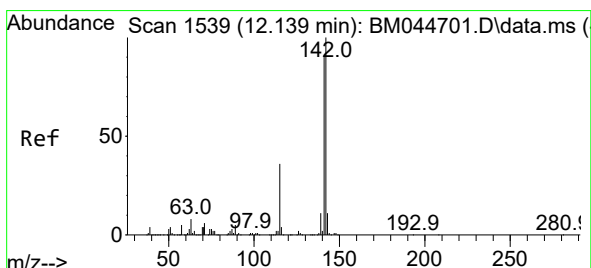
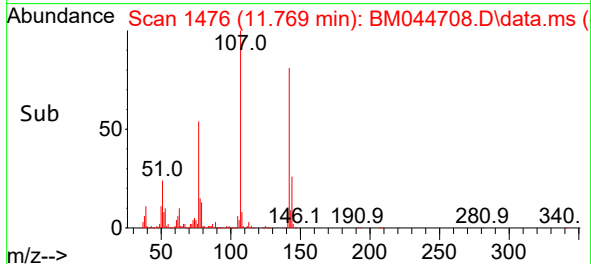
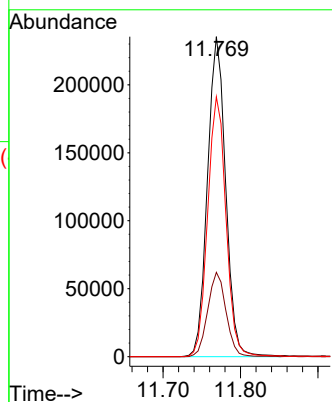
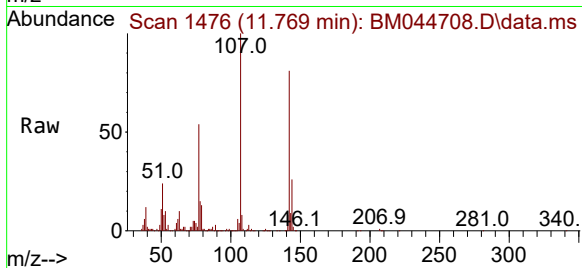




#35
 4-Chloro-3-methylphenol
 Concen: 31.760 ng/ul
 RT: 11.769 min Scan# 1476
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

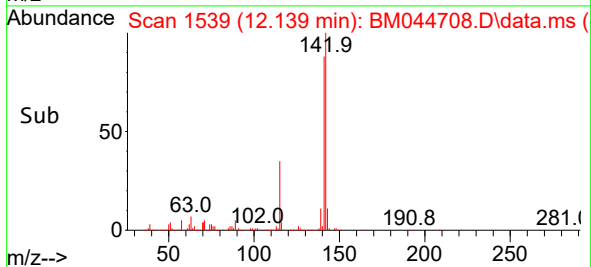
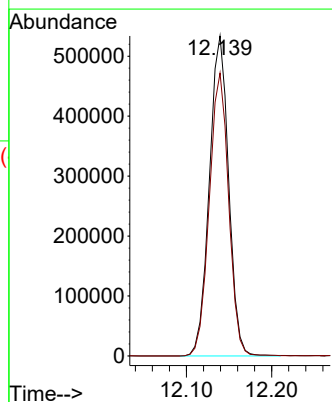
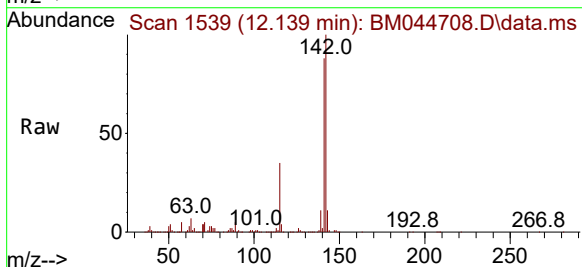
Instrument :
 BNA_M
 ClientSampleId :

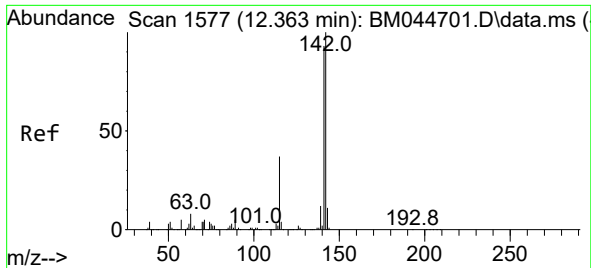
Tgt Ion:107 Resp: 384028
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.7 32.5
 142 81.2 65.1 97.7



#36
 2-Methylnaphthalene
 Concen: 32.957 ng/ul
 RT: 12.139 min Scan# 1539
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

Tgt Ion:142 Resp: 839115
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.1 106.7





#37

1-Methylnaphthalene

Concen: 32.637 ng/ul

RT: 12.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

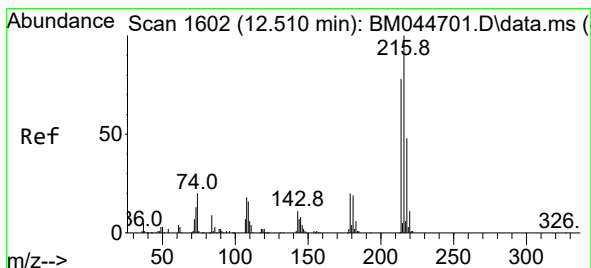
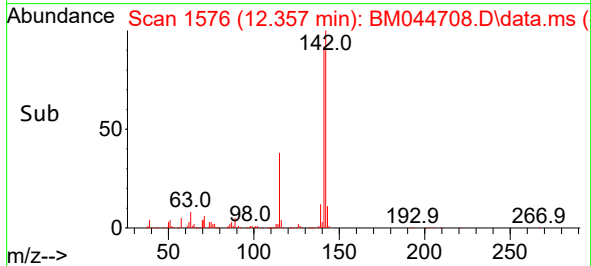
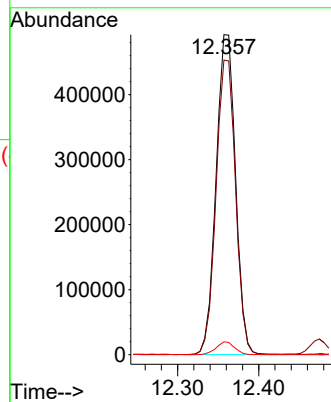
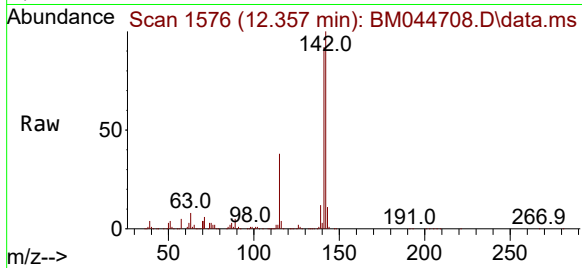
Tgt Ion:142 Resp: 819745

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.6

116 4.0 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.387 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Tgt Ion:216 Resp: 399328

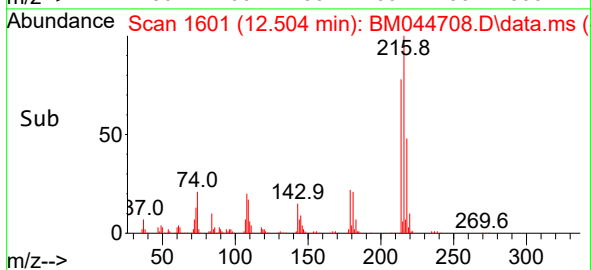
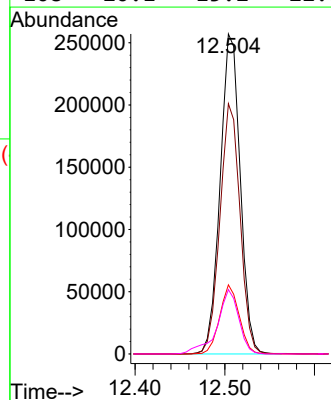
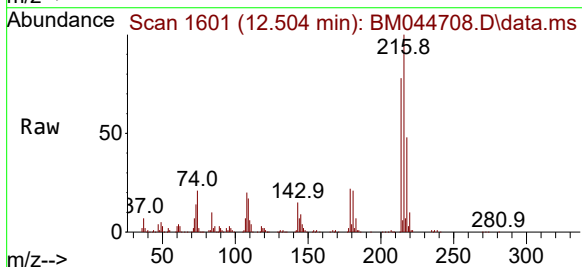
Ion Ratio Lower Upper

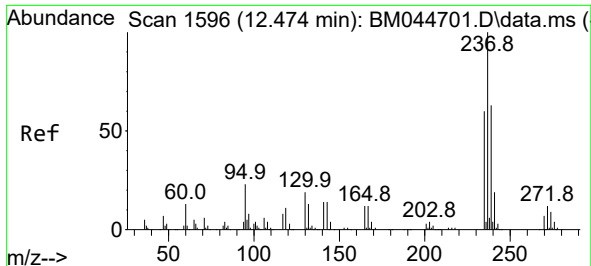
216 100

214 78.2 63.4 95.2

179 21.6 17.5 26.3

108 20.1 15.2 22.8

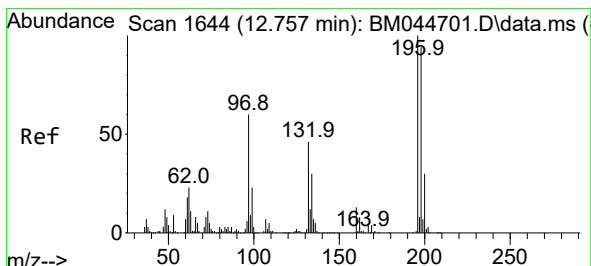
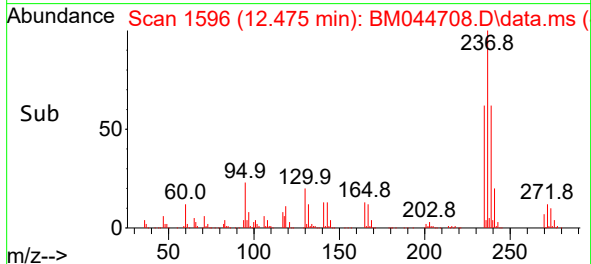
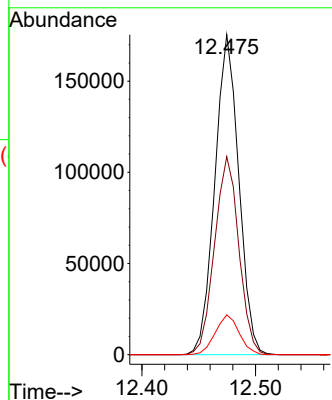
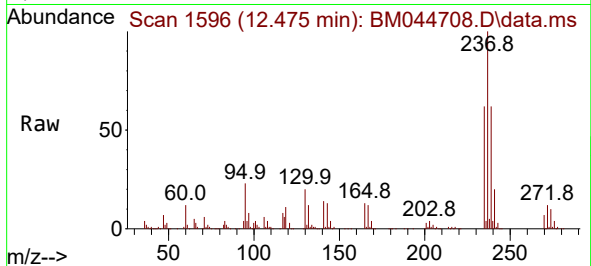




#40
Hexachlorocyclopentadiene
Concen: 35.321 ng/ul
RT: 12.475 min Scan# 1596
Delta R.T. -0.012 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

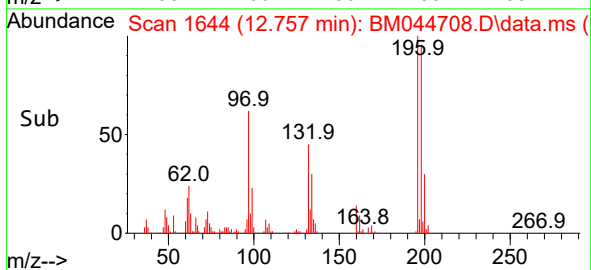
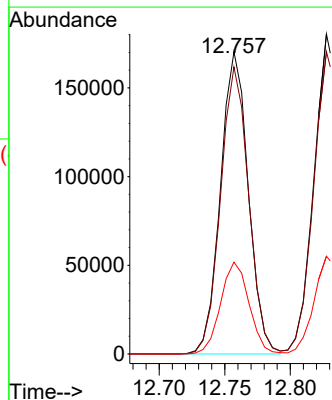
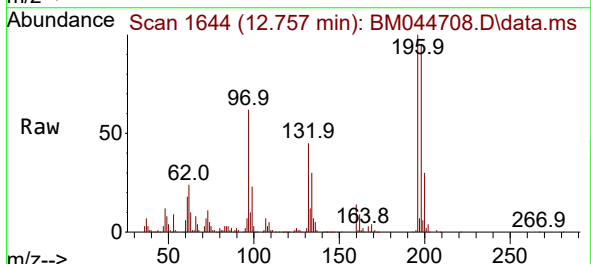
Instrument :
BNA_M
ClientSampleId :

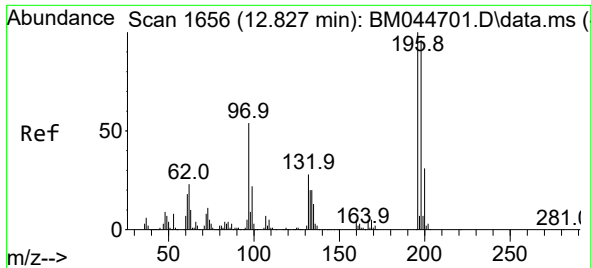
Tgt Ion:237 Resp: 257314
Ion Ratio Lower Upper
237 100
235 61.9 50.1 75.1
272 13.2 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 32.662 ng/ul
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:196 Resp: 251281
Ion Ratio Lower Upper
196 100
198 95.0 76.7 115.1
200 30.4 24.1 36.1

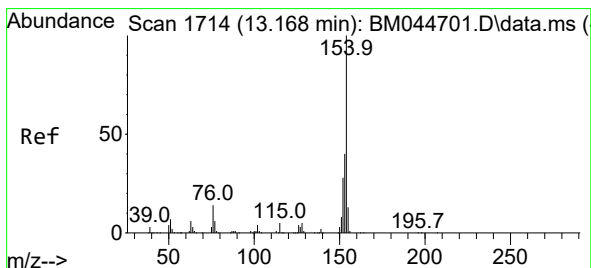
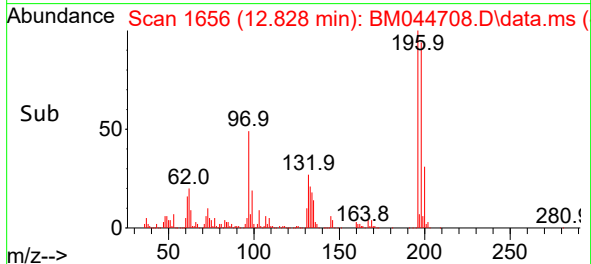
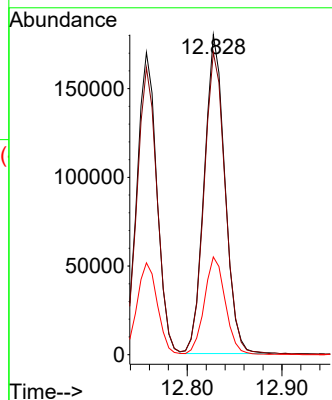
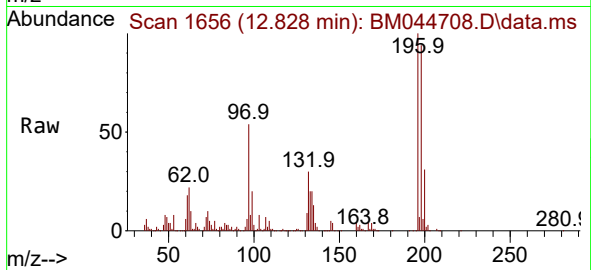




#42
2,4,5-Trichlorophenol
Concen: 33.008 ng/ul
RT: 12.828 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

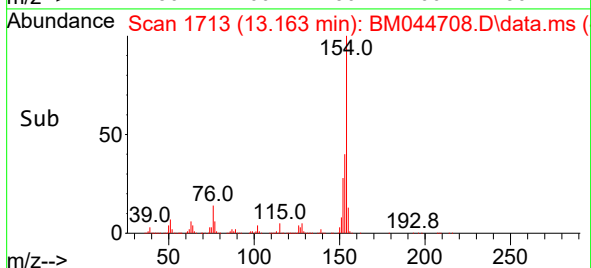
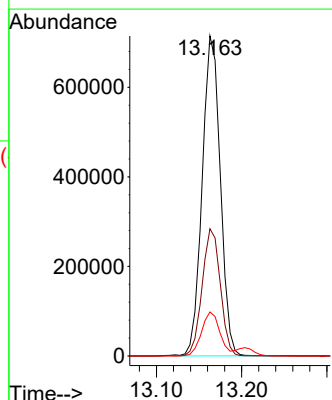
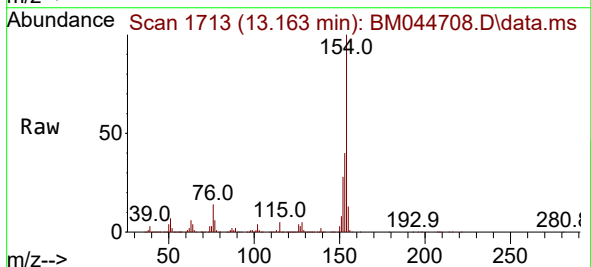
Instrument :
BNA_M
ClientSampleId :

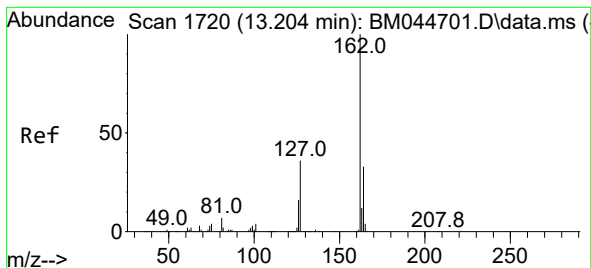
Tgt Ion:196 Resp: 272147
Ion Ratio Lower Upper
196 100
198 94.4 78.1 117.1
200 30.5 24.7 37.1



#43
1,1'-Biphenyl
Concen: 34.414 ng/ul
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:154 Resp: 1054157
Ion Ratio Lower Upper
154 100
153 39.7 31.8 47.8
76 13.7 11.0 16.4





#44

2-Chloronaphthalene

Concen: 34.331 ng/ul

RT: 13.204 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

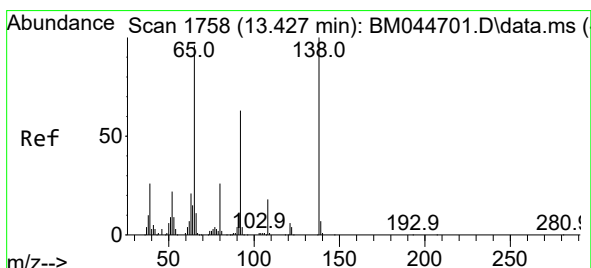
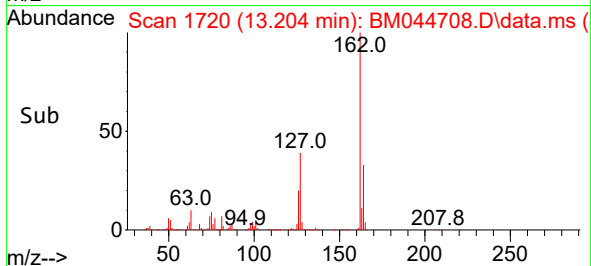
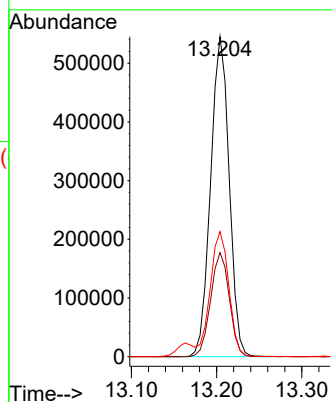
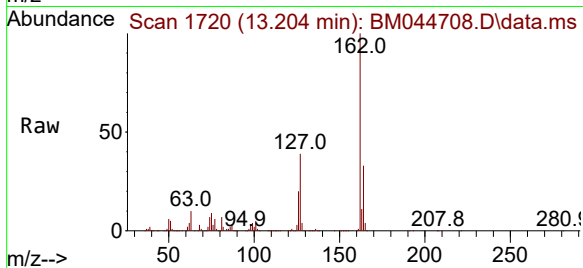
Tgt Ion:162 Resp: 825246

Ion Ratio Lower Upper

162 100

164 32.5 25.6 38.4

127 39.1 31.4 47.0



#45

2-Nitroaniline

Concen: 33.203 ng/ul

RT: 13.427 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

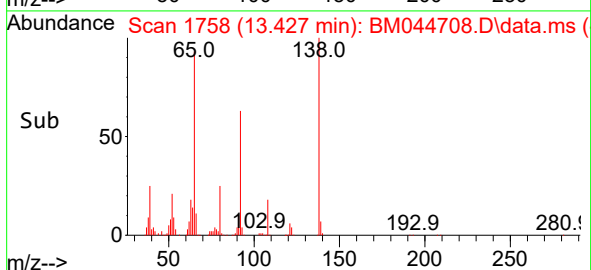
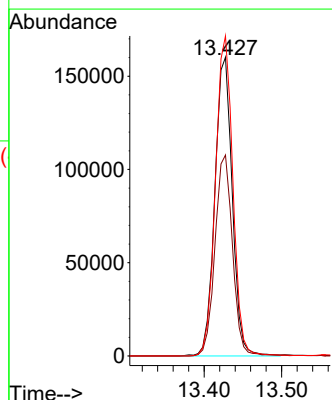
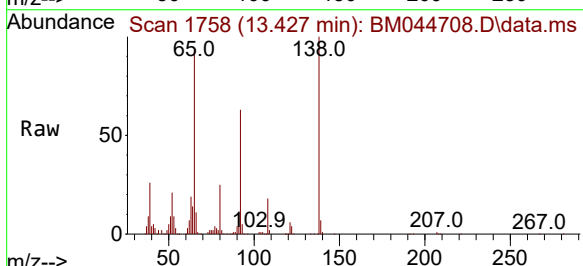
Tgt Ion: 65 Resp: 250561

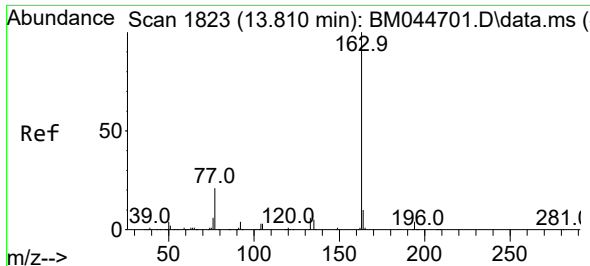
Ion Ratio Lower Upper

65 100

92 67.3 55.4 83.0

138 107.1 84.0 126.0

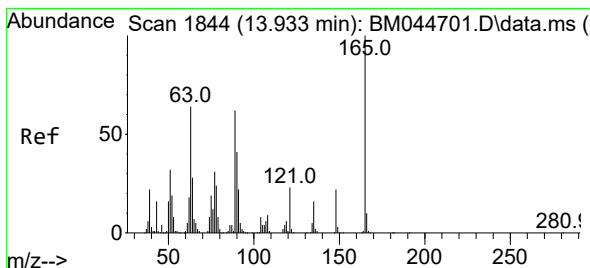
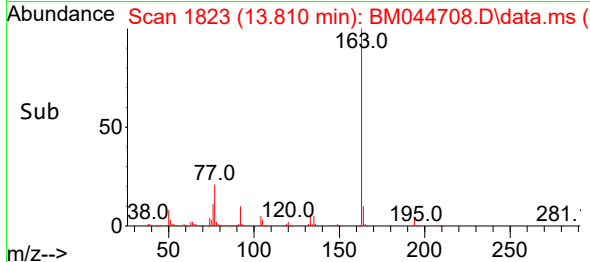
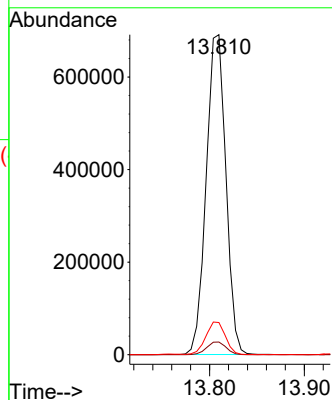
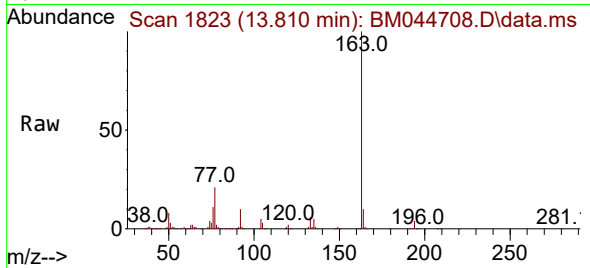




#47
Dimethylphthalate
Concen: 32.357 ng/ul
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

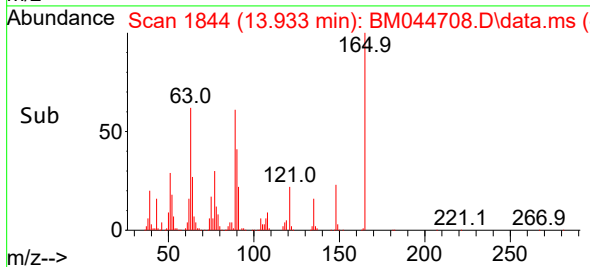
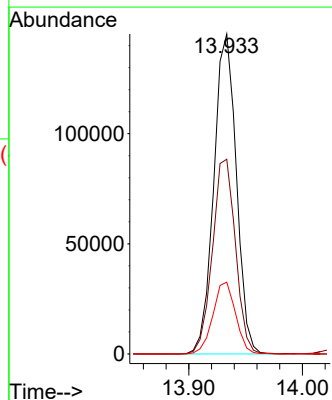
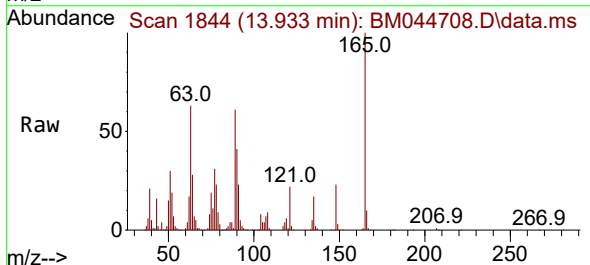
Instrument :
BNA_M
ClientSampleId :

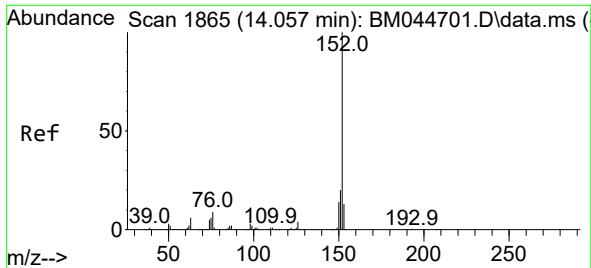
Tgt Ion:163 Resp: 996331
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 32.565 ng/ul
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:165 Resp: 200286
Ion Ratio Lower Upper
165 100
89 60.9 48.4 72.6
121 22.5 17.7 26.5

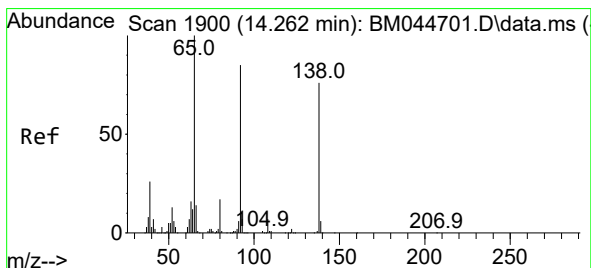
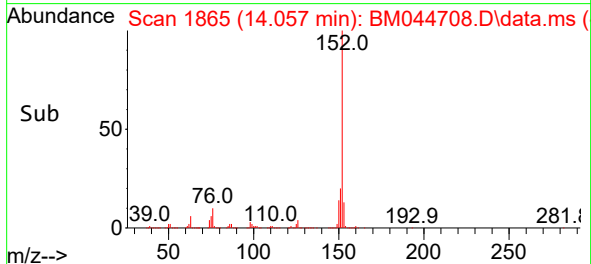
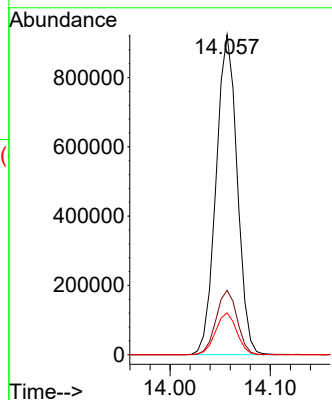
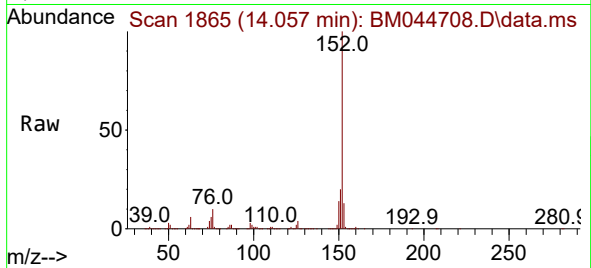




#50
Acenaphthylene
Concen: 33.483 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

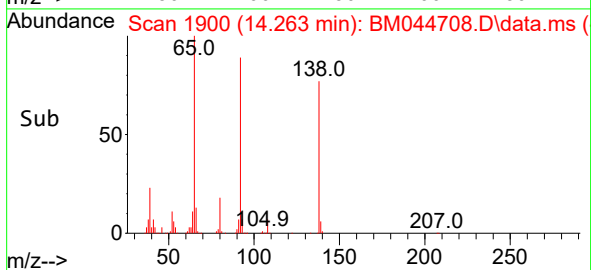
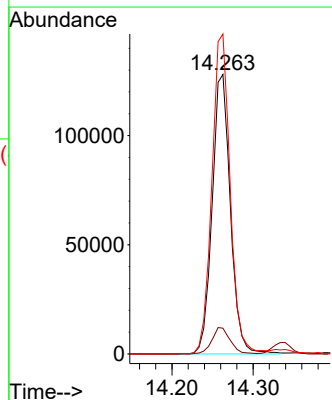
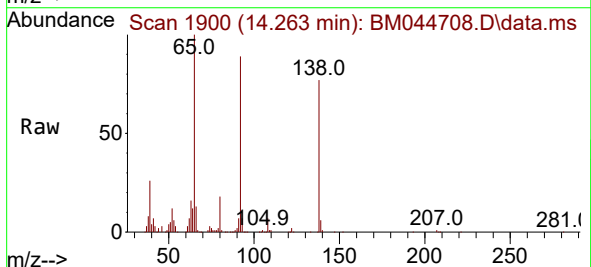
Instrument :
BNA_M
ClientSampleId :

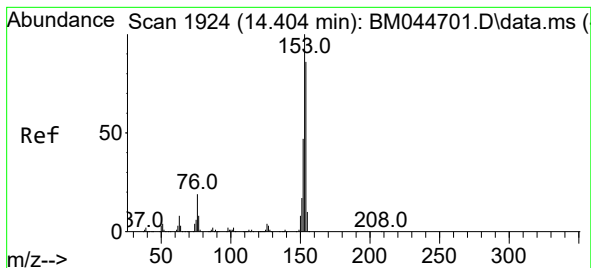
Tgt Ion:152 Resp: 1350536
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 30.053 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:138 Resp: 199653
Ion Ratio Lower Upper
138 100
108 9.3 7.3 10.9
92 114.5 89.3 133.9





#52

Acenaphthene

Concen: 33.595 ng/ul

RT: 14.398 min Scan# 1923

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

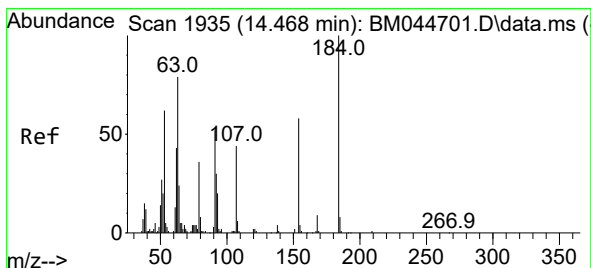
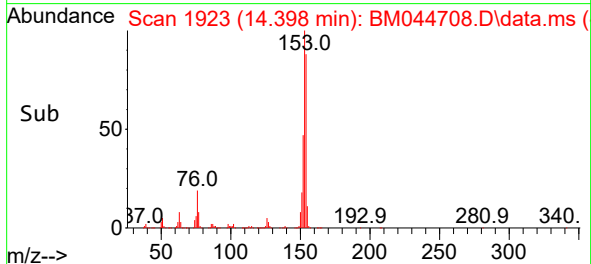
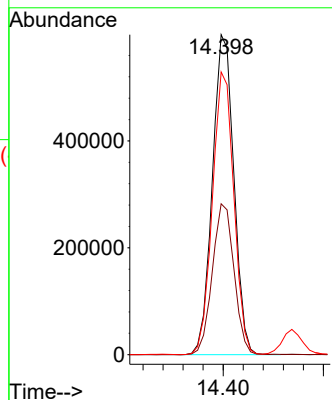
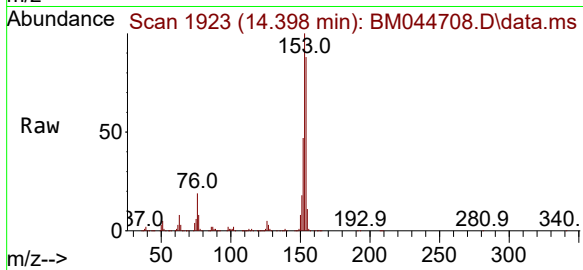
Tgt Ion:153 Resp: 890806

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.2

154 88.4 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 27.083 ng/ul

RT: 14.469 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

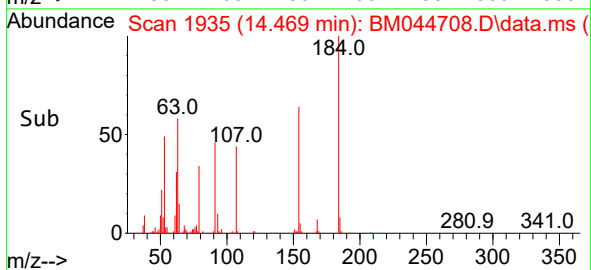
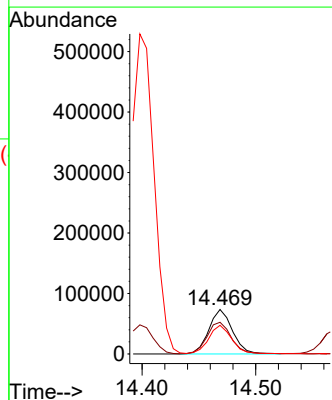
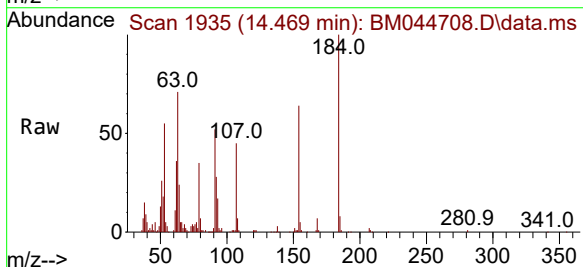
Tgt Ion:184 Resp: 106548

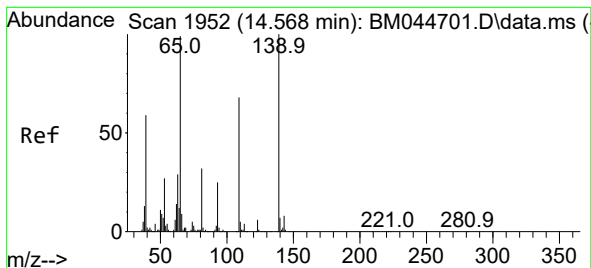
Ion Ratio Lower Upper

184 100

63 71.1 57.2 85.8

154 64.3 47.9 71.9

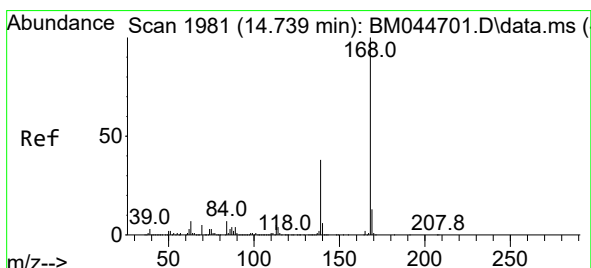
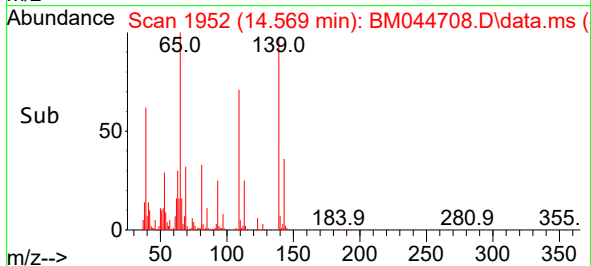
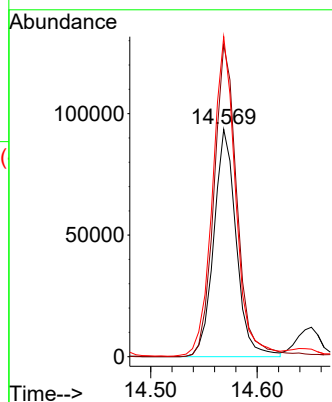
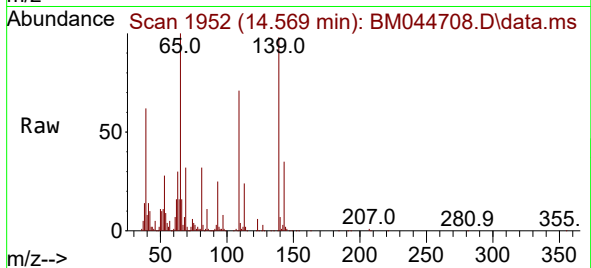




#55
4-Nitrophenol
Concen: 30.989 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

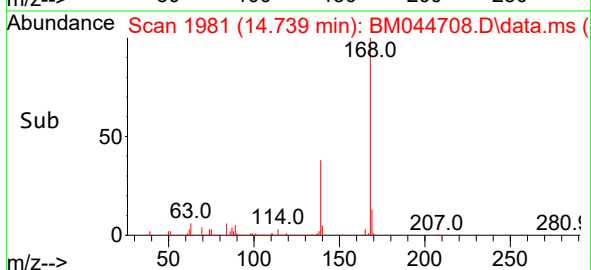
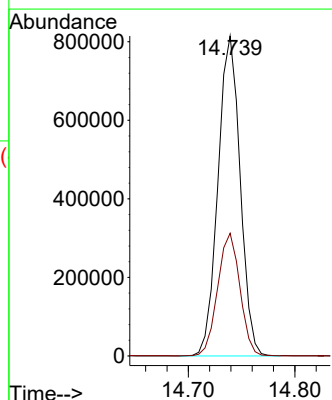
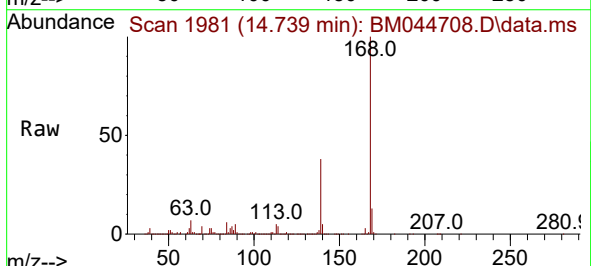
Instrument :
BNA_M
ClientSampleId :

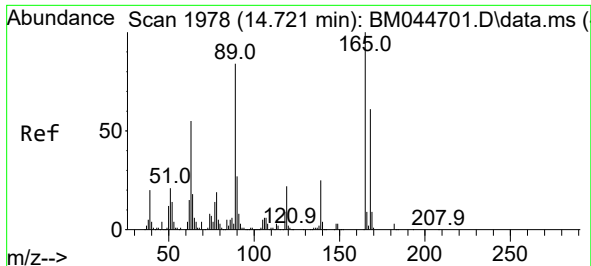
Tgt Ion:109 Resp: 136250
Ion Ratio Lower Upper
109 100
139 137.4 126.2 189.4
65 140.7 117.0 175.4



#56
Dibenzofuran
Concen: 33.358 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:168 Resp: 1176567
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 31.926 ng/ul

RT: 14.722 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

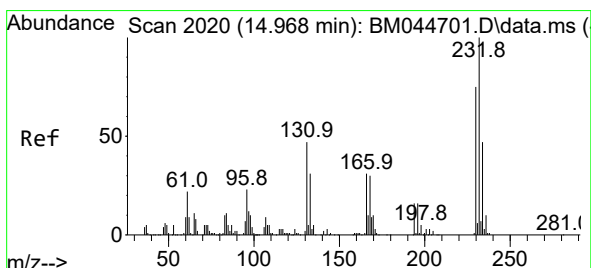
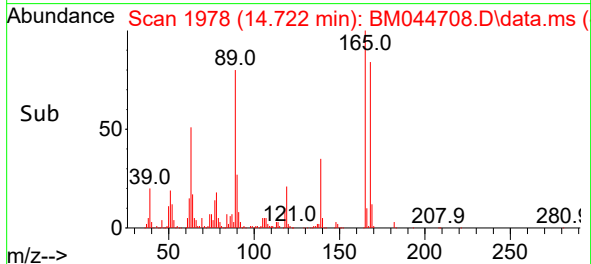
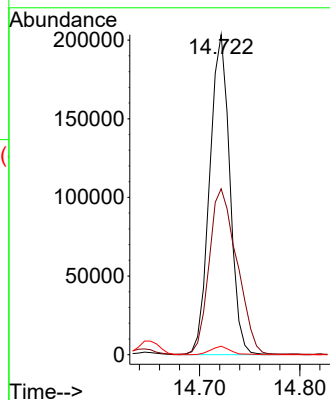
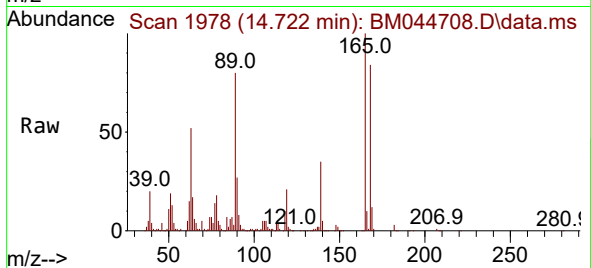
Tgt Ion:165 Resp: 283440

Ion Ratio Lower Upper

165 100

63 51.8 37.4 56.0

182 2.7 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.878 ng/ul

RT: 14.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Tgt Ion:232 Resp: 203860

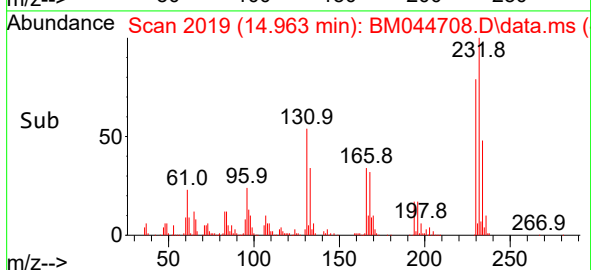
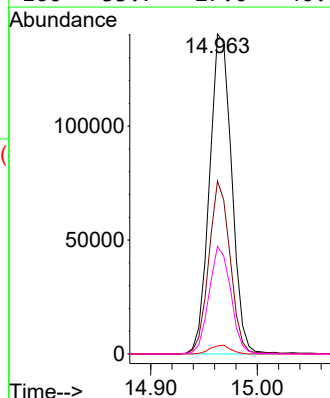
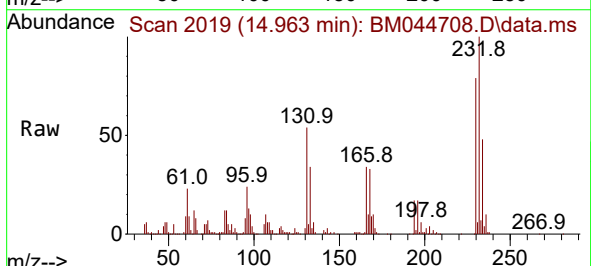
Ion Ratio Lower Upper

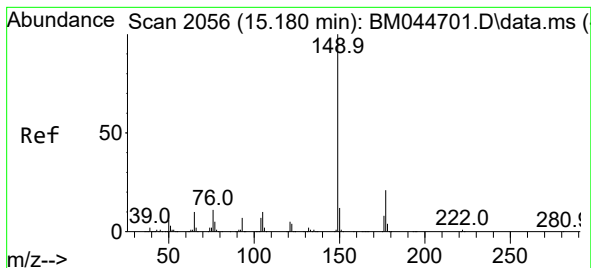
232 100

131 54.1 40.6 61.0

130 2.5 2.2 3.4

166 33.7 27.0 40.4





#59

Diethylphthalate

Concen: 32.077 ng/ul

RT: 15.180 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

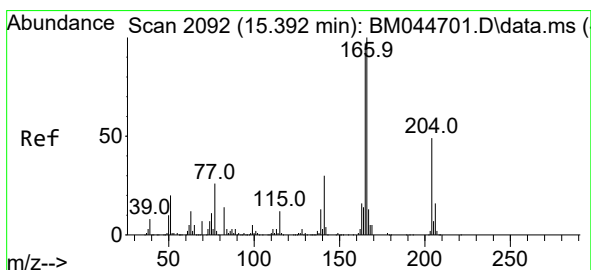
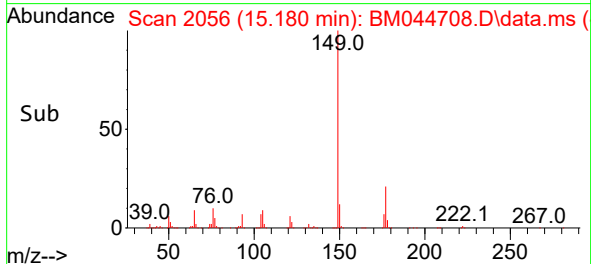
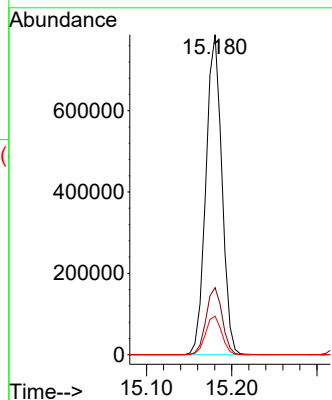
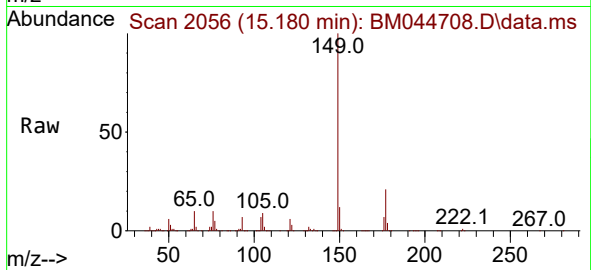
Tgt Ion:149 Resp: 1025060

Ion Ratio Lower Upper

149 100

177 21.0 16.6 24.8

150 12.1 9.9 14.9



#61

Fluorene

Concen: 33.070 ng/ul

RT: 15.392 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

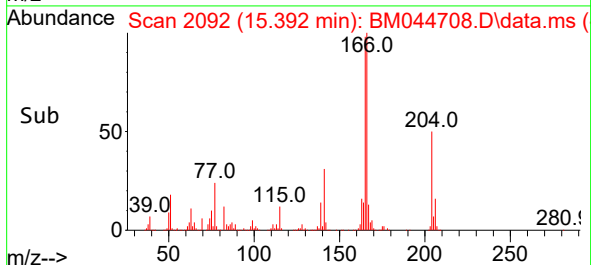
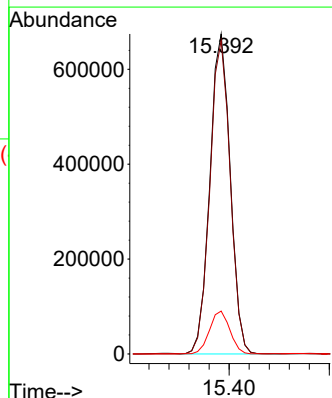
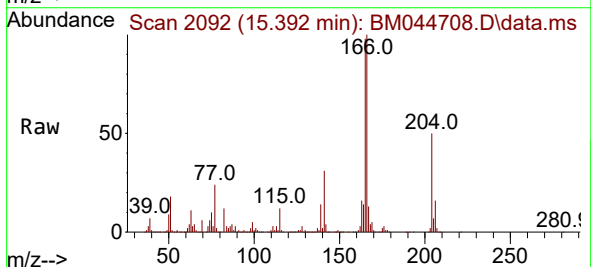
Tgt Ion:166 Resp: 953976

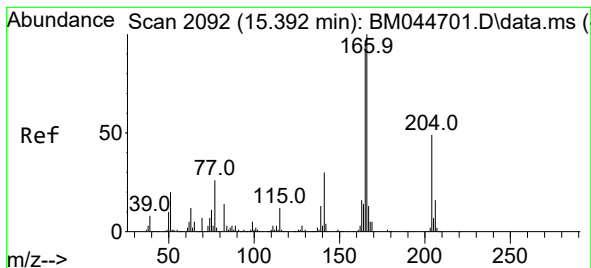
Ion Ratio Lower Upper

166 100

165 98.0 77.3 115.9

167 13.4 10.6 16.0

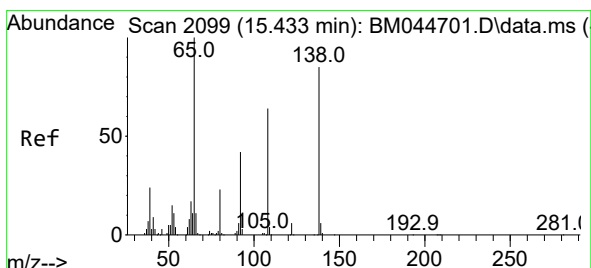
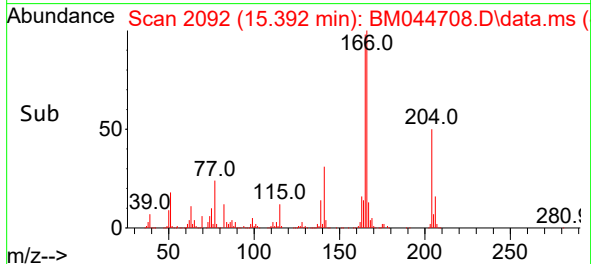
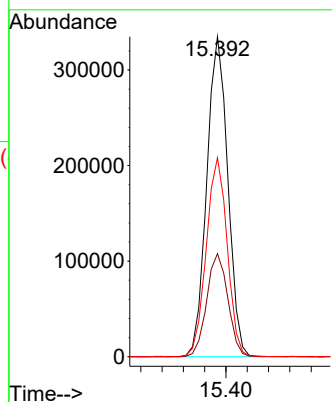
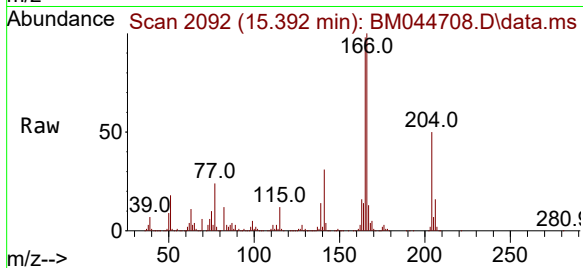




#62
 4-Chlorophenyl-phenylether
 Concen: 34.246 ng/ul
 RT: 15.392 min Scan# 2092
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

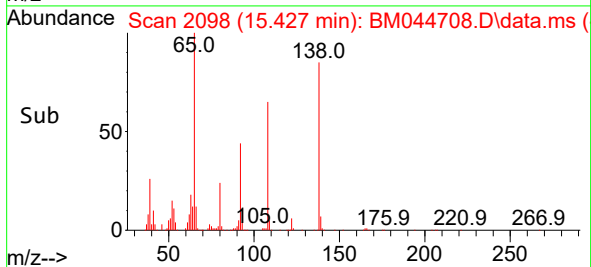
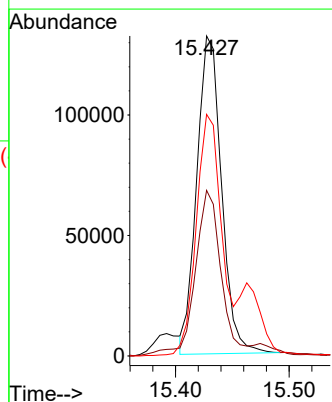
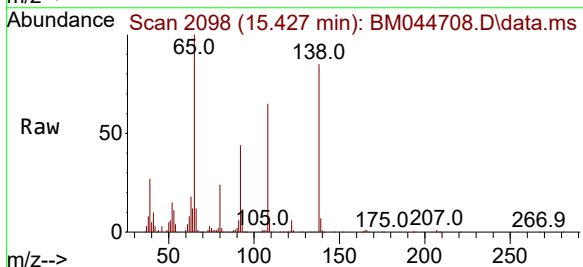
Instrument :
 BNA_M
 ClientSampleId :

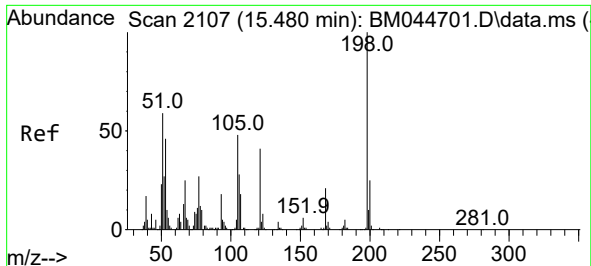
Tgt Ion:204 Resp: 458509
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.1 39.1
 141 62.2 50.3 75.5



#63
 4-Nitroaniline
 Concen: 31.477 ng/ul
 RT: 15.427 min Scan# 2098
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

Tgt Ion:138 Resp: 199863
 Ion Ratio Lower Upper
 138 100
 92 51.8 39.8 59.8
 108 75.5 54.6 82.0

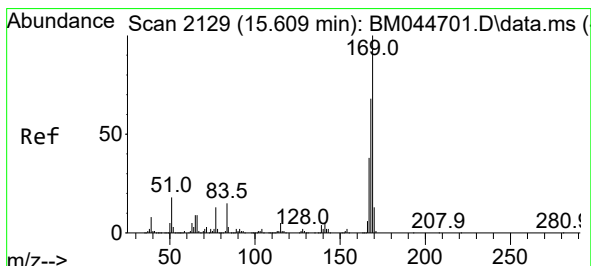
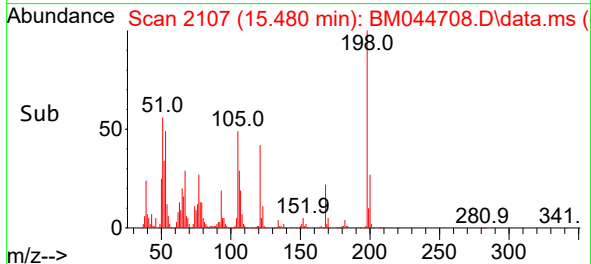
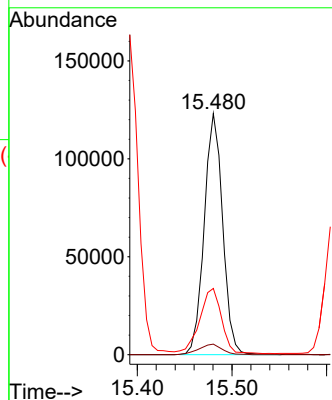
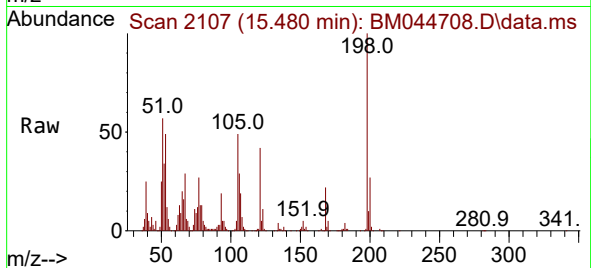




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.080 ng/ul
 RT: 15.480 min Scan# 2107
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

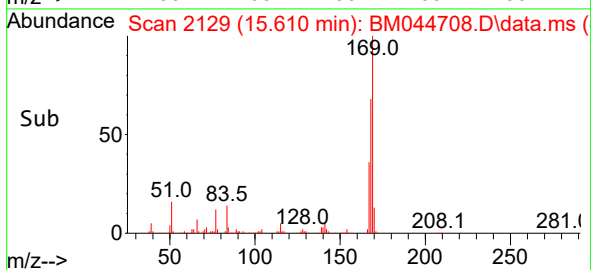
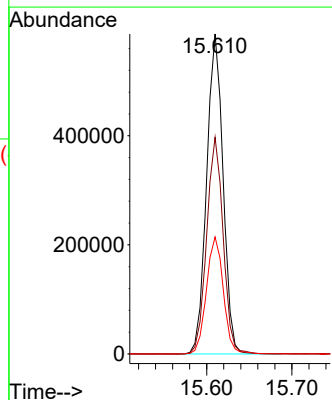
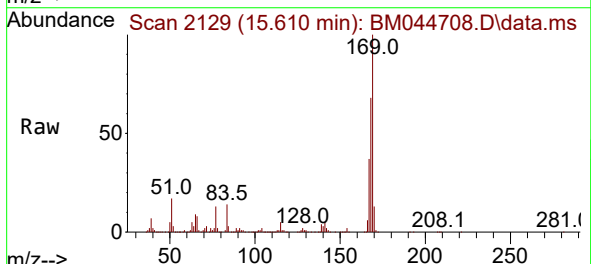
Instrument :
 BNA_M
 ClientSampleId :

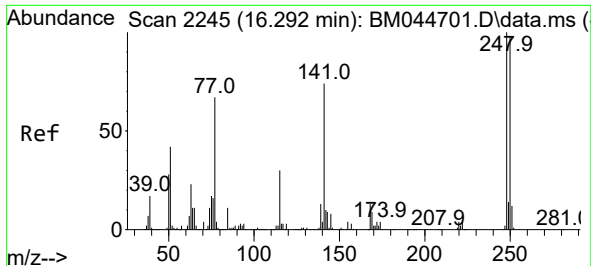
Tgt Ion:198 Resp: 166911
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.3 4.9
 77 27.5 21.0 31.4



#67
 N-Nitrosodiphenylamine
 Concen: 36.929 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BM044708.D
 Acq: 21 Mar 2024 19:54

Tgt Ion:169 Resp: 785287
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.3 81.5
 167 36.5 29.4 44.0

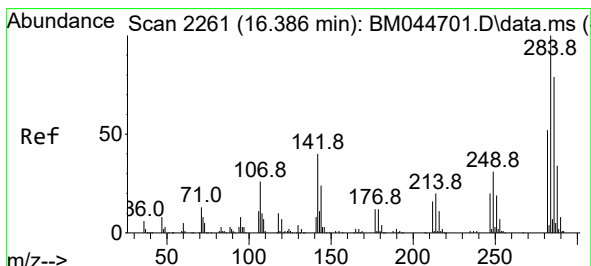
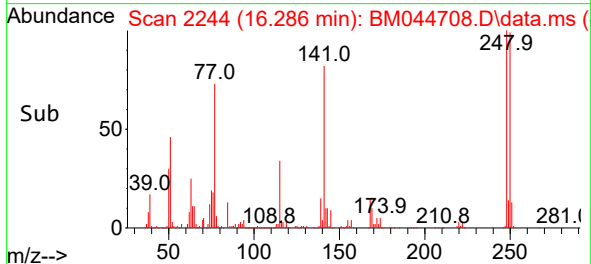
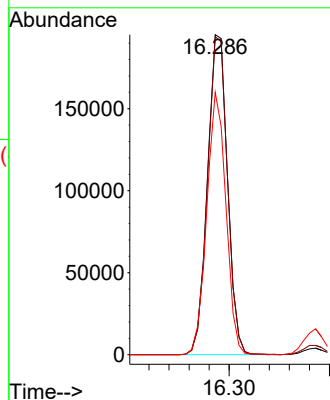
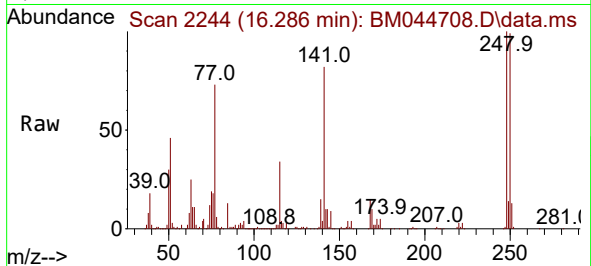




#68
4-Bromophenyl-phenylether
Concen: 38.447 ng/ul
RT: 16.286 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

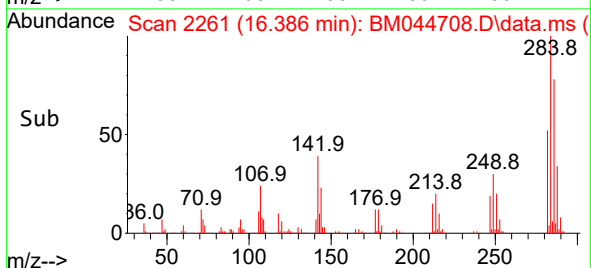
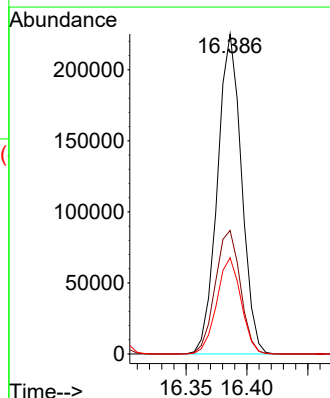
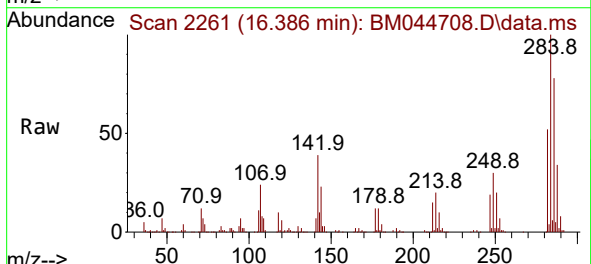
Instrument :
BNA_M
ClientSampleId :

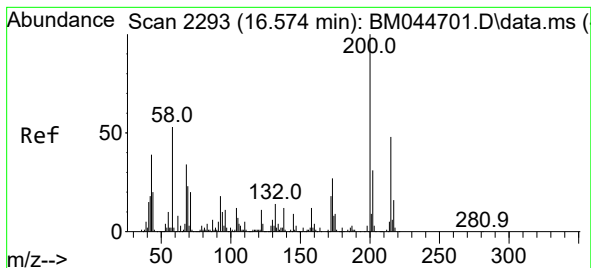
Tgt Ion:248 Resp: 271517
Ion Ratio Lower Upper
248 100
250 99.4 78.7 118.1
141 82.0 65.4 98.2



#69
Hexachlorobenzene
Concen: 38.565 ng/ul
RT: 16.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:284 Resp: 310212
Ion Ratio Lower Upper
284 100
142 38.6 33.7 50.5
249 30.0 24.8 37.2





#70

Atrazine

Concen: 13.399 ng/ul

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

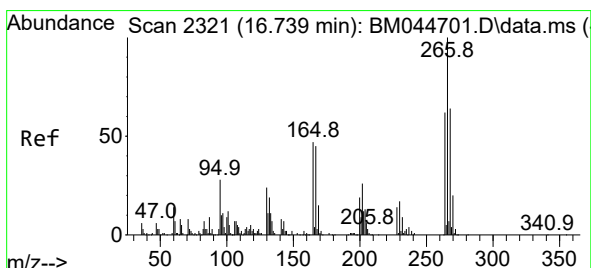
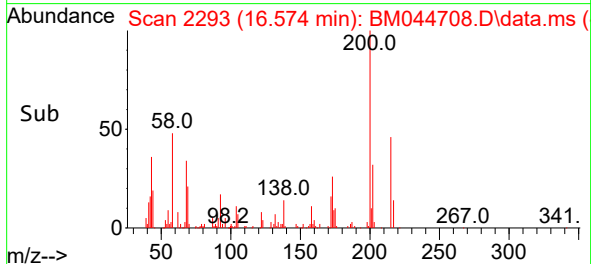
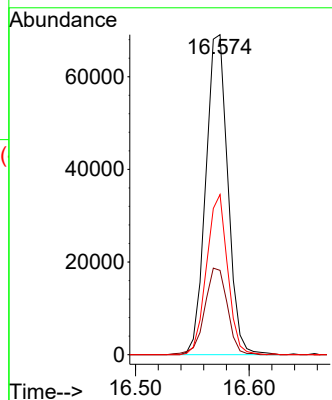
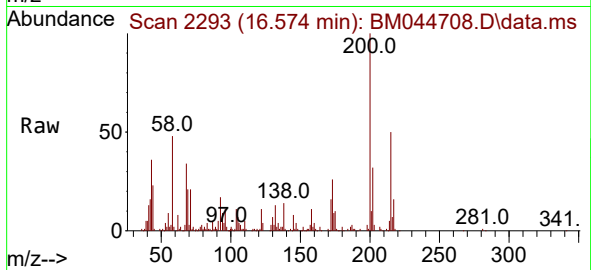
Tgt Ion:200 Resp: 93110

Ion Ratio Lower Upper

200 100

173 26.3 22.4 33.6

215 50.0 38.9 58.3



#71

Pentachlorophenol

Concen: 31.017 ng/ul

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

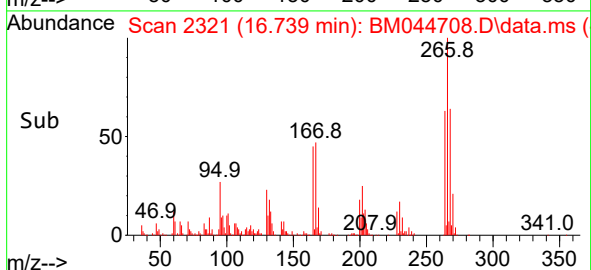
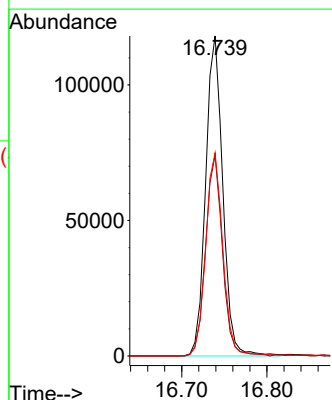
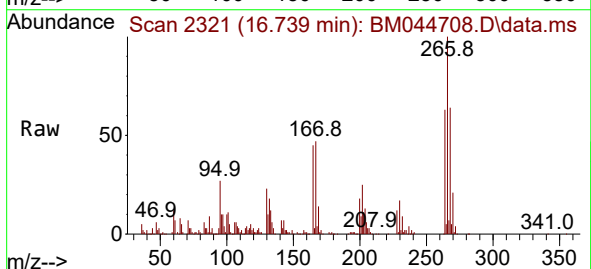
Tgt Ion:266 Resp: 164749

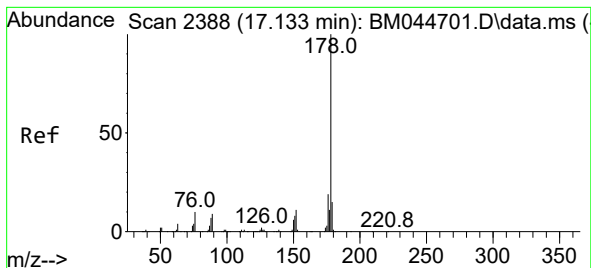
Ion Ratio Lower Upper

266 100

264 62.7 51.0 76.4

268 63.5 52.6 78.8





#72

Phenanthrene

Concen: 35.556 ng/ul

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

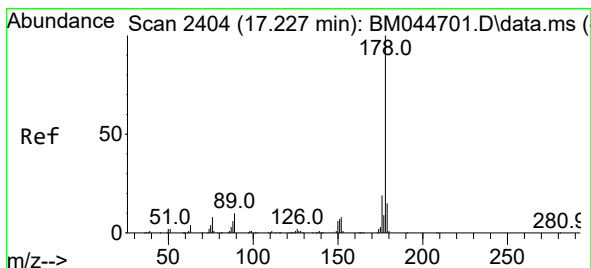
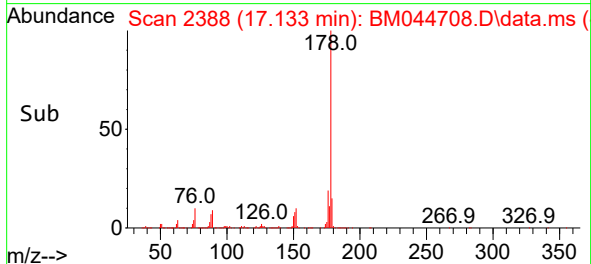
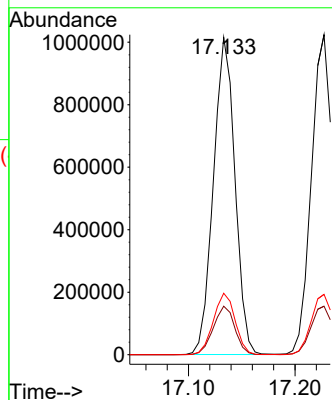
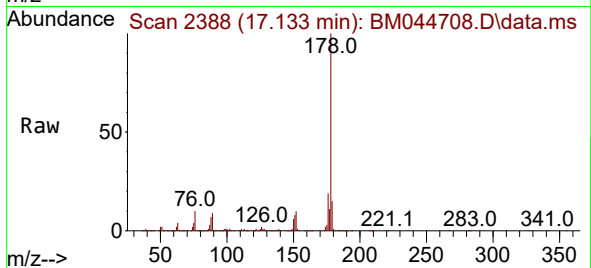
Tgt Ion:178 Resp: 1424094

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.4 15.4 23.2



#74

Anthracene

Concen: 35.656 ng/ul

RT: 17.227 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

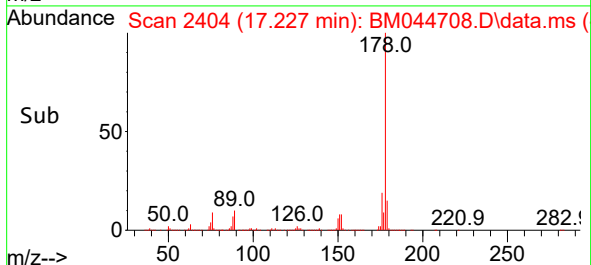
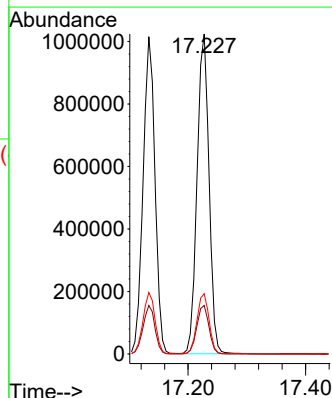
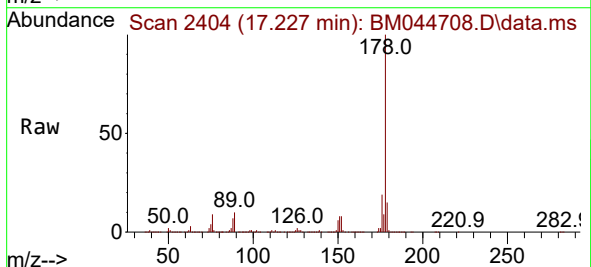
Tgt Ion:178 Resp: 1444298

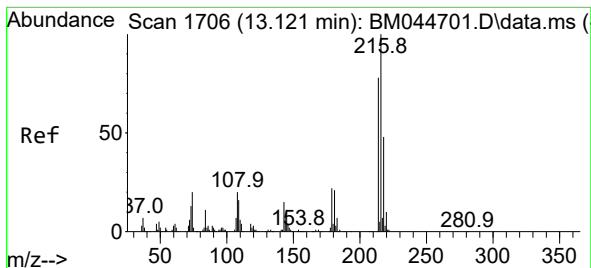
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 41.487 ng/uL

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

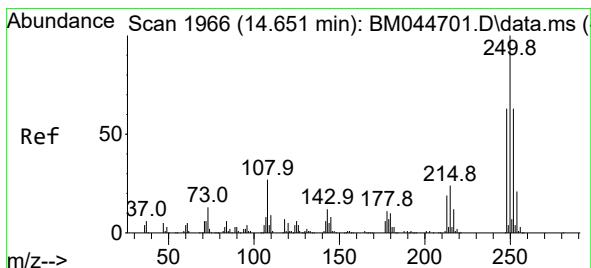
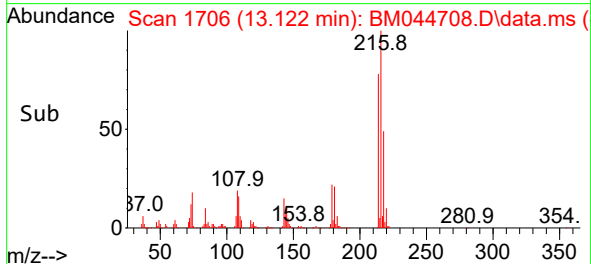
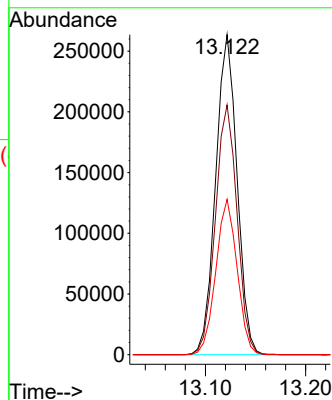
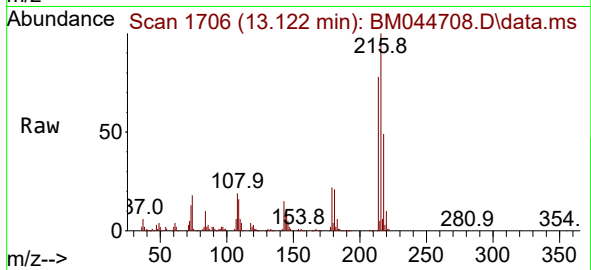
Tgt Ion:216 Resp: 391247

Ion Ratio Lower Upper

216 100

214 78.0 62.9 94.3

218 48.5 38.6 57.8



#76

Pentachlorobenzene

Concen: 40.907 ng/uL

RT: 14.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

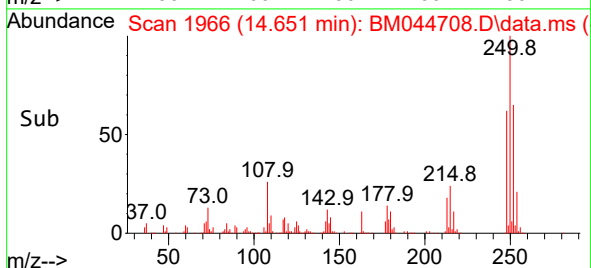
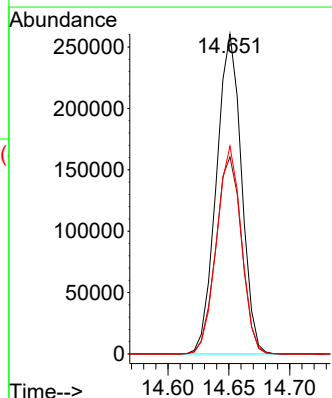
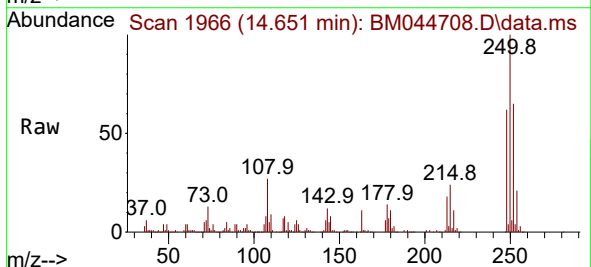
Tgt Ion:250 Resp: 372964

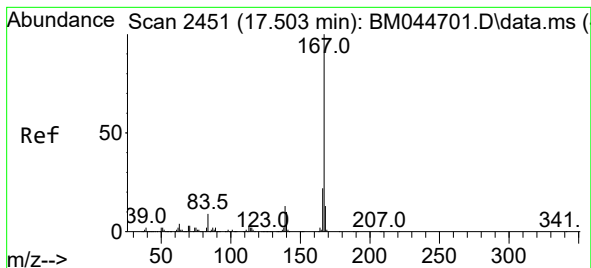
Ion Ratio Lower Upper

250 100

248 61.6 50.1 75.1

252 64.9 50.6 75.8





#77

Carbazole

Concen: 34.697 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

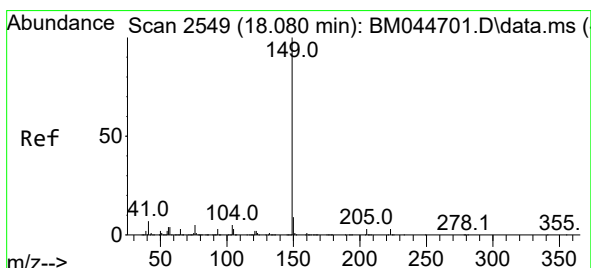
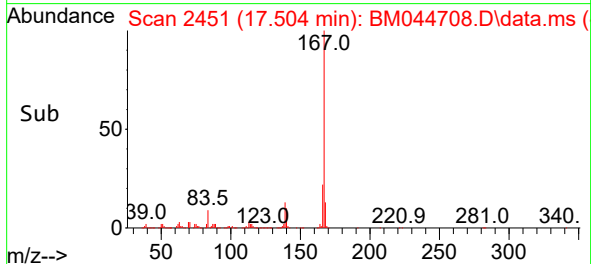
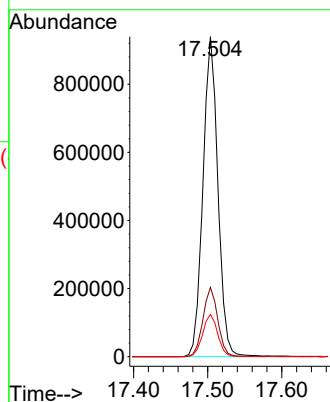
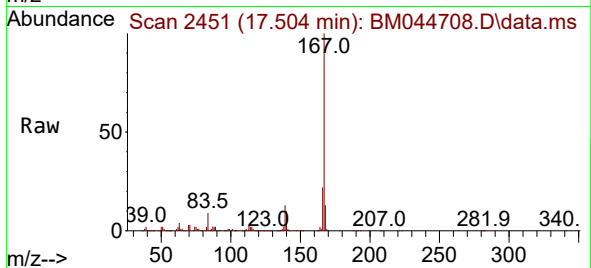
Tgt Ion:167 Resp: 1320692

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.2 10.4 15.6



#78

Di-n-butylphthalate

Concen: 33.588 ng/ul

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

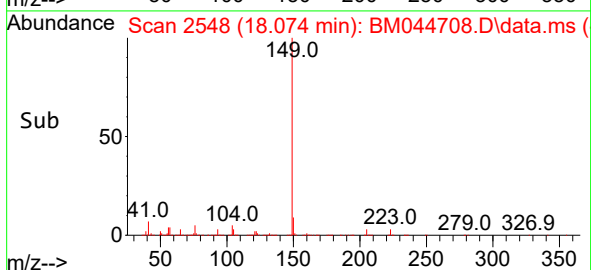
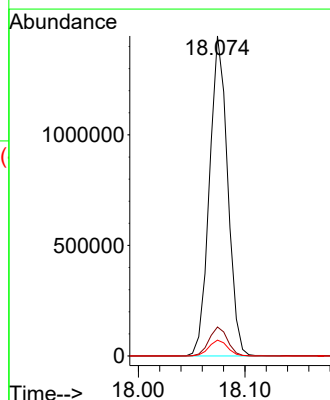
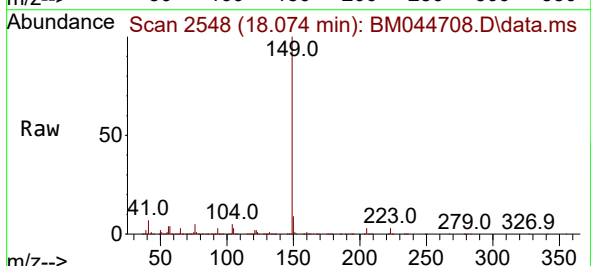
Tgt Ion:149 Resp: 1719694

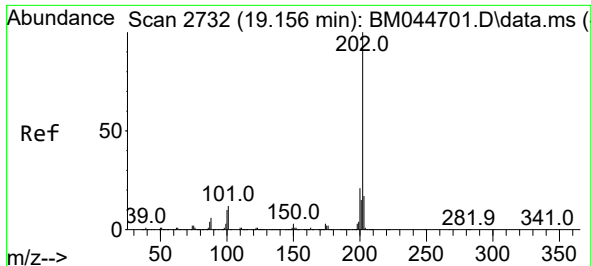
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.0 3.8 5.6

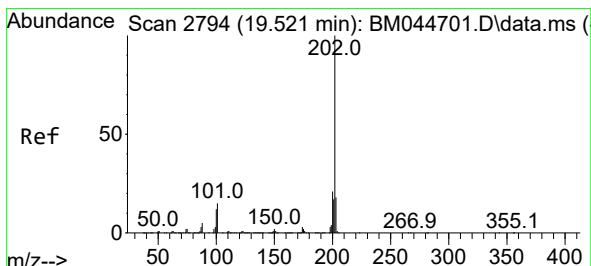
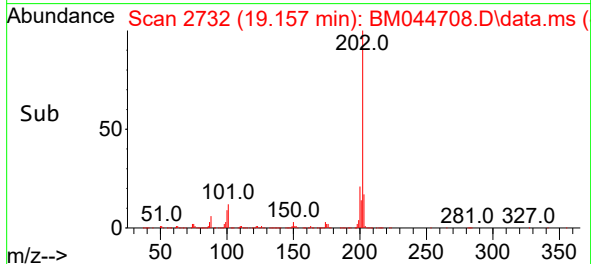
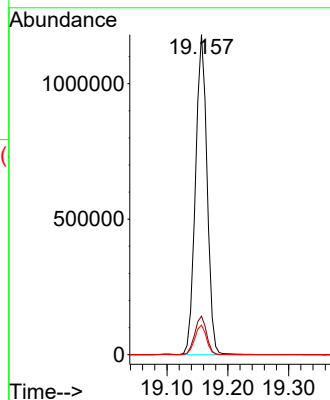
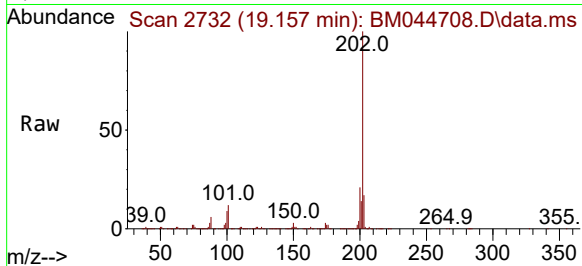




#80
Fluoranthene
Concen: 35.590 ng/ul
RT: 19.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

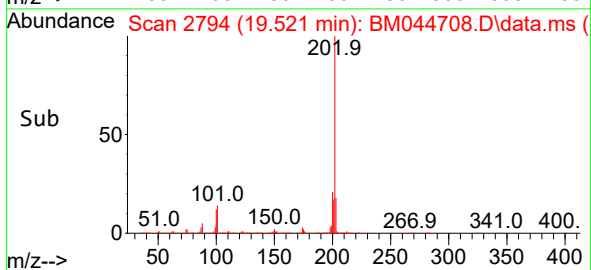
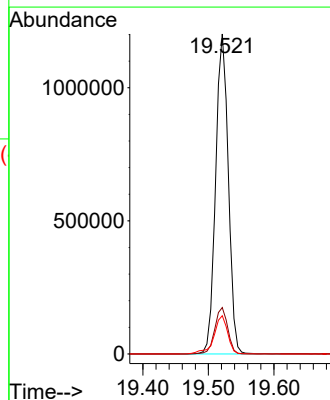
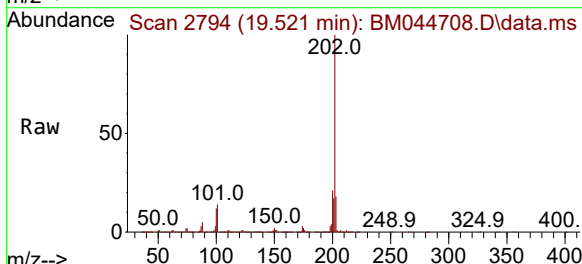
Instrument :
BNA_M
ClientSampleId :

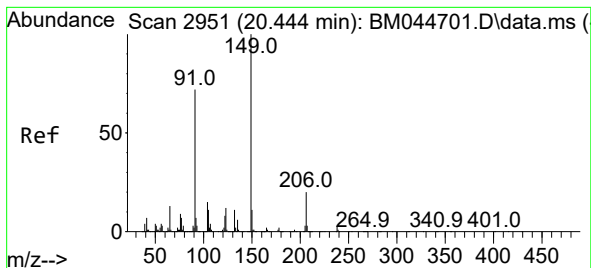
Tgt Ion:202 Resp: 1556141
Ion Ratio Lower Upper
202 100
101 12.1 10.7 16.1
100 9.2 8.2 12.2



#82
Pyrene
Concen: 35.385 ng/ul
RT: 19.521 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:202 Resp: 1610780
Ion Ratio Lower Upper
202 100
101 14.5 12.5 18.7
100 11.9 10.0 15.0





#83

Butylbenzylphthalate

Concen: 33.374 ng/ul

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044708.D

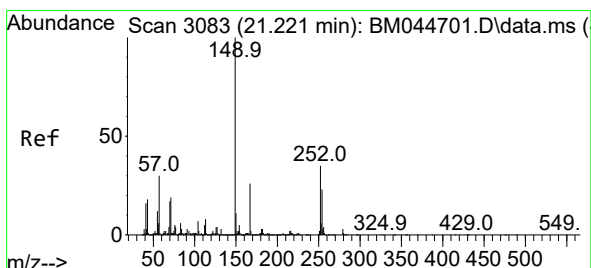
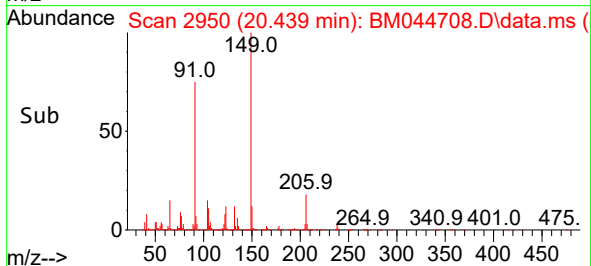
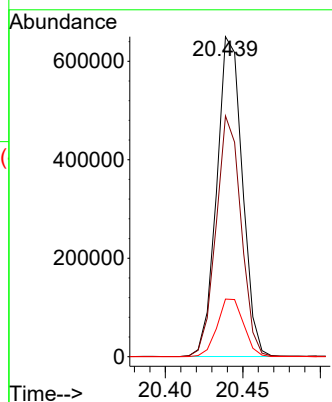
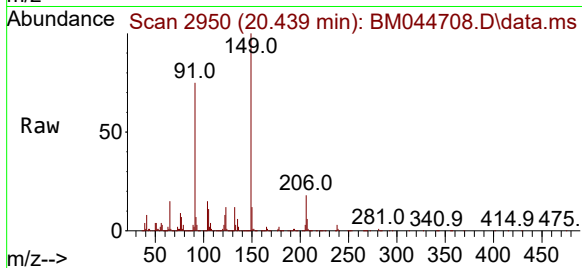
Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	747032
Ion Ratio	Lower	Upper	
149	100		
91	75.2	55.9	83.9
206	18.0	15.4	23.0



#84

3,3'-Dichlorobenzidine

Concen: 34.957 ng/ul

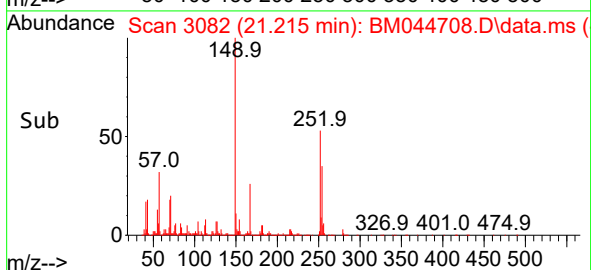
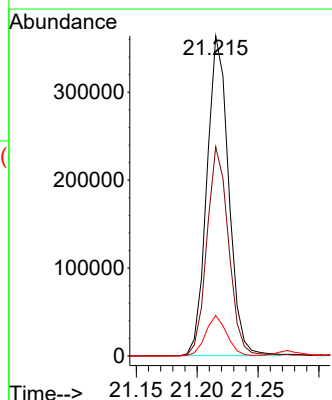
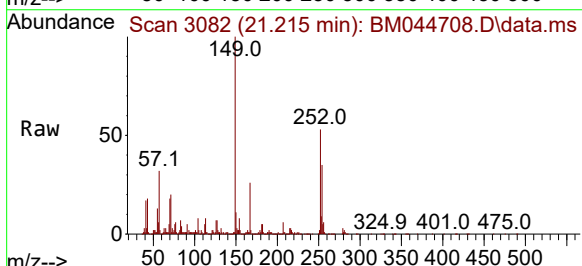
RT: 21.215 min Scan# 3082

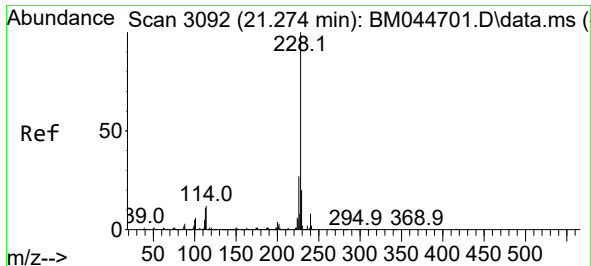
Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Tgt Ion:	252	Resp:	452661
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.6	77.4
126	12.7	11.1	16.7

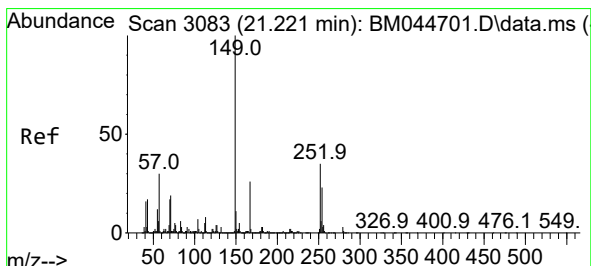
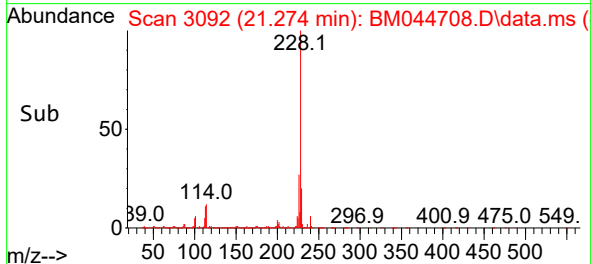
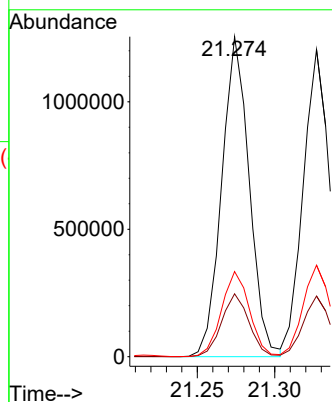
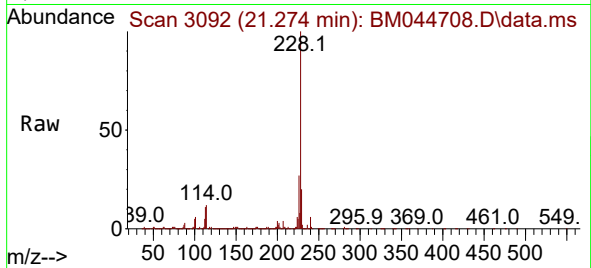




#85
Benzo(a)anthracene
Concen: 34.491 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

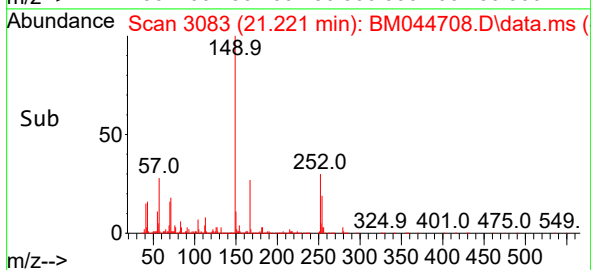
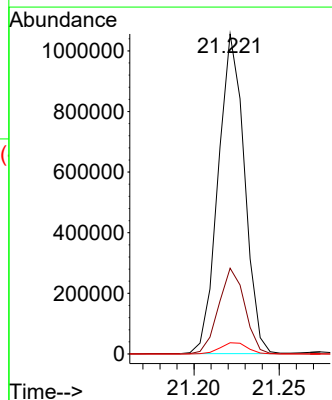
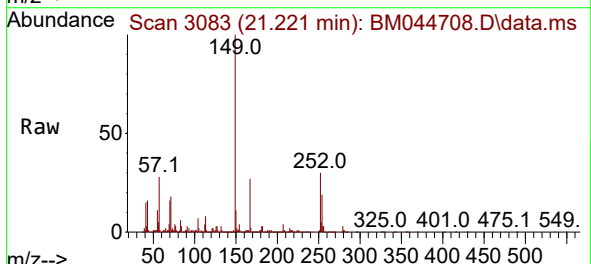
Instrument :
BNA_M
ClientSampleId :

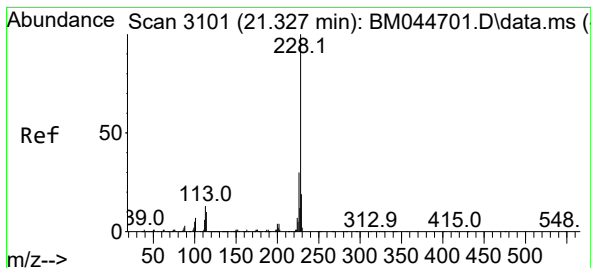
Tgt Ion:228 Resp: 1550523
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 26.6 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 34.613 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:149 Resp: 1129617
Ion Ratio Lower Upper
149 100
167 26.8 22.1 33.1
279 3.5 2.6 4.0





#87

Chrysene

Concen: 34.650 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

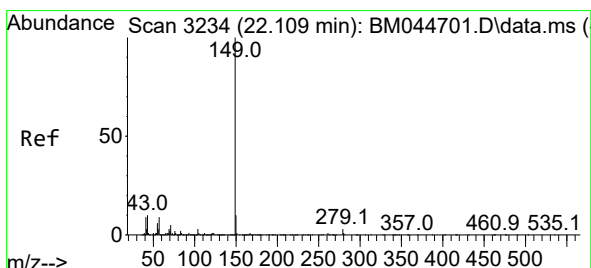
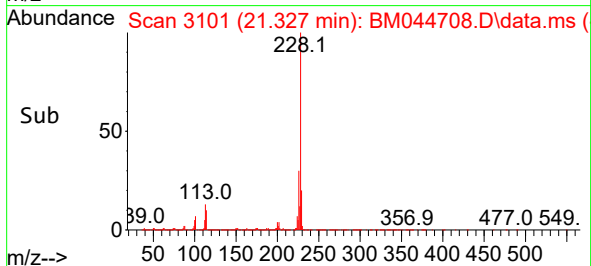
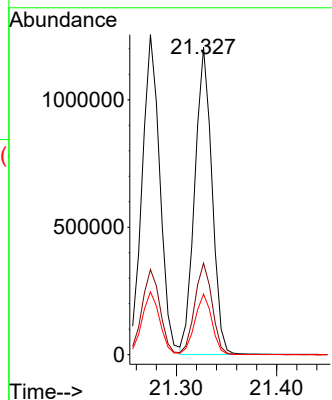
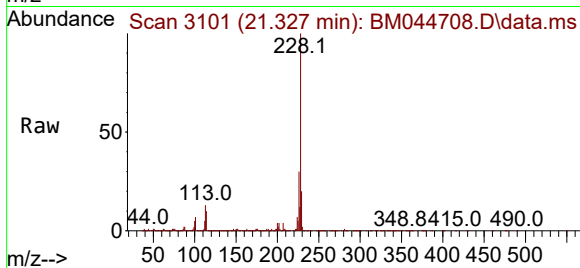
Tgt Ion:228 Resp: 1442114

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 32.034 ng/ul

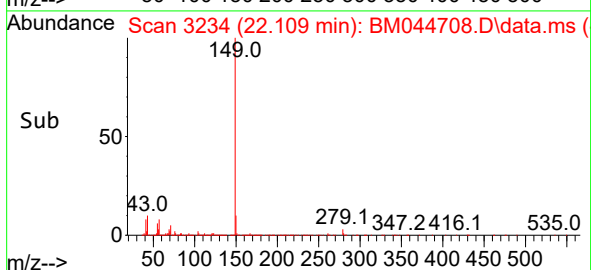
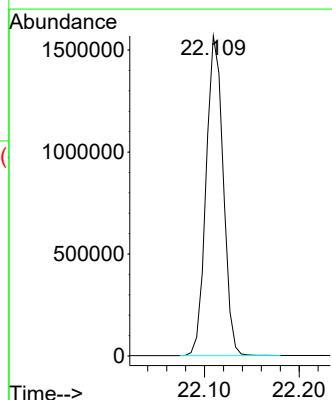
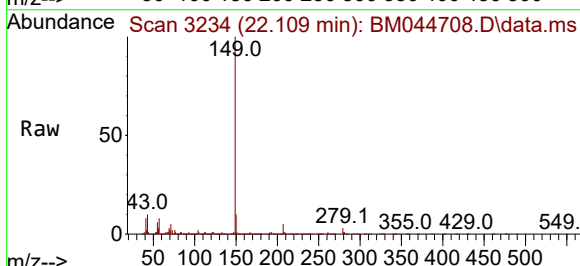
RT: 22.109 min Scan# 3234

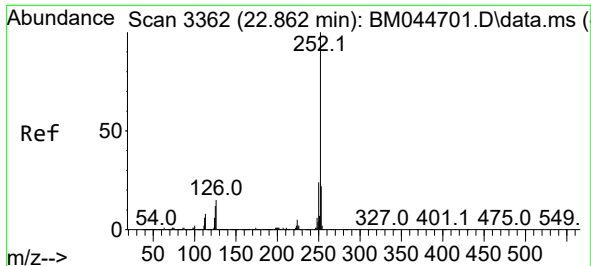
Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Tgt Ion:149 Resp: 1963244

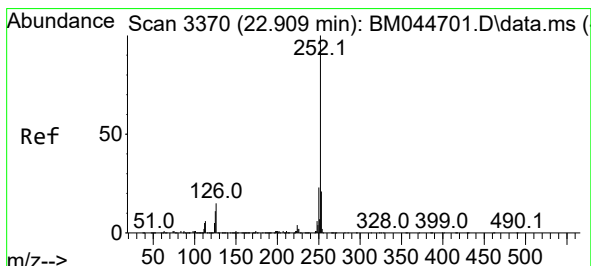
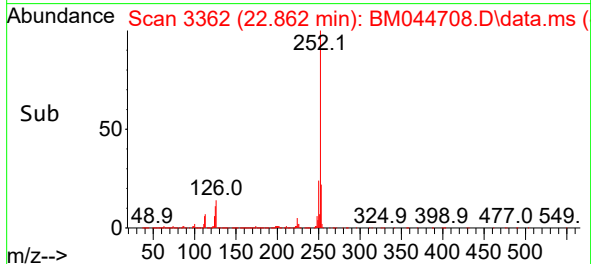
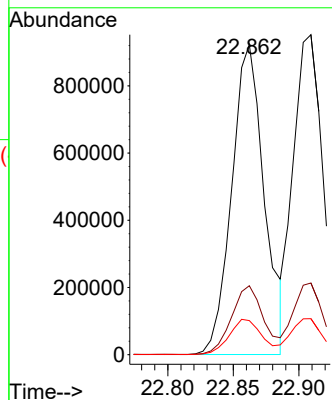
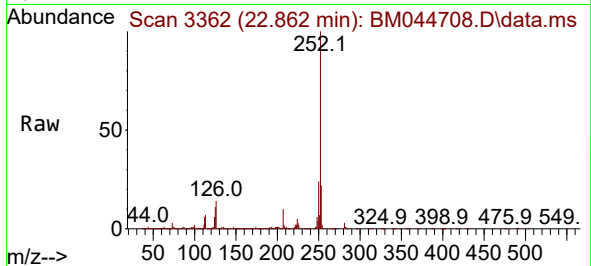




#90
Benzo(b)fluoranthene
Concen: 34.769 ng/ul
RT: 22.862 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

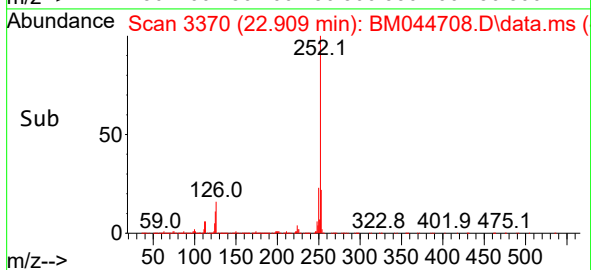
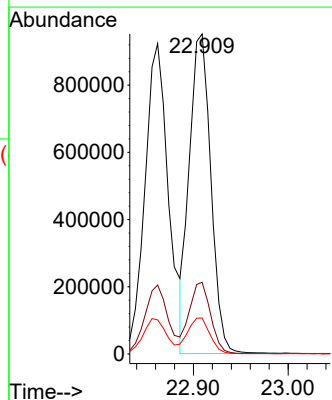
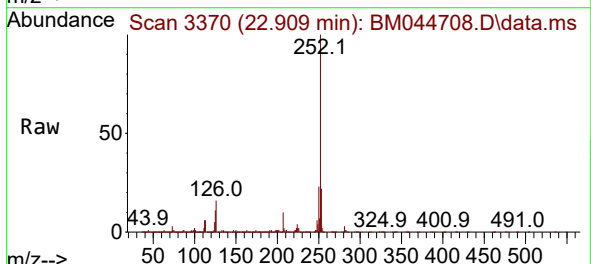
Instrument :
BNA_M
ClientSampleId :

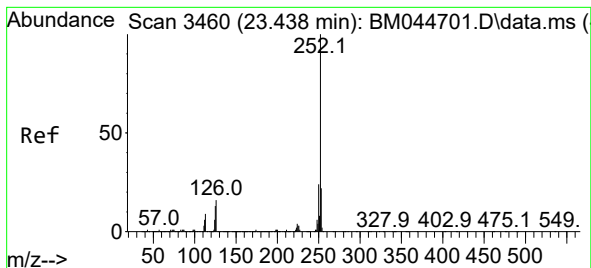
Tgt Ion:252 Resp: 1593220
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.3 13.9



#91
Benzo(k)fluoranthene
Concen: 33.504 ng/ul
RT: 22.909 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM044708.D
Acq: 21 Mar 2024 19:54

Tgt Ion:252 Resp: 1503641
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.2 10.0 15.0





#93

Benzo(a)pyrene

Concen: 34.988 ng/ul

RT: 23.439 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :

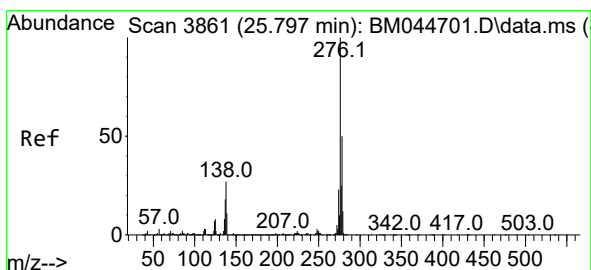
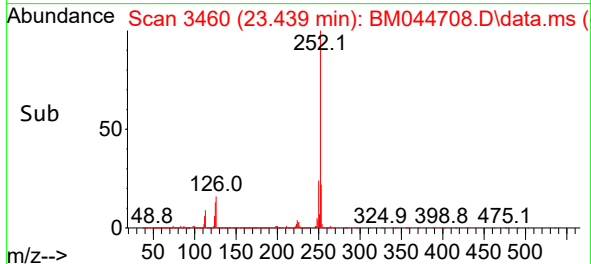
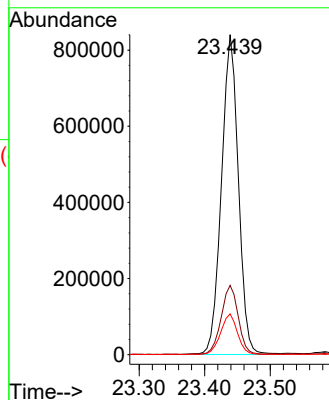
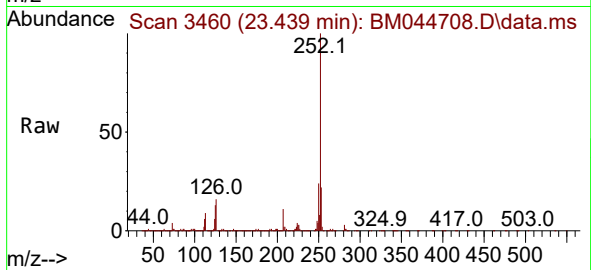
Tgt Ion:252 Resp: 1499762

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.7 10.9 16.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.451 ng/ul

RT: 25.803 min Scan# 3862

Delta R.T. -0.006 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

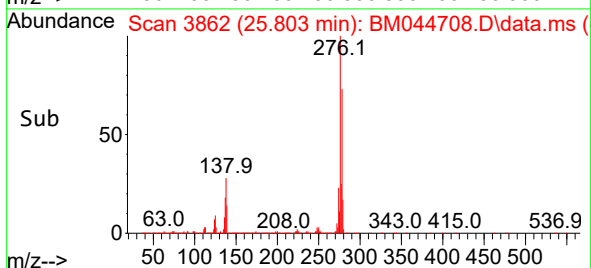
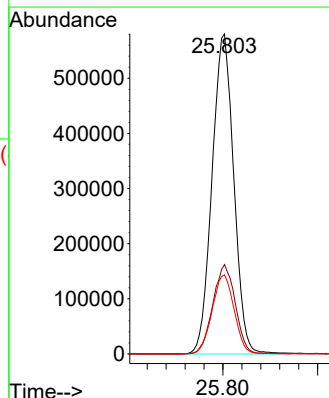
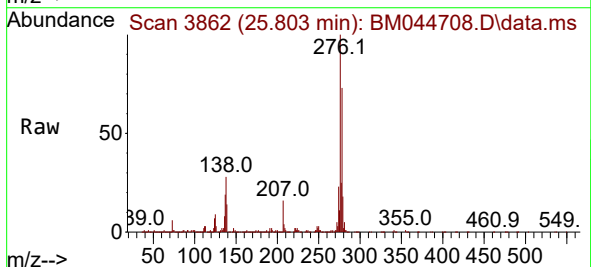
Tgt Ion:276 Resp: 1848647

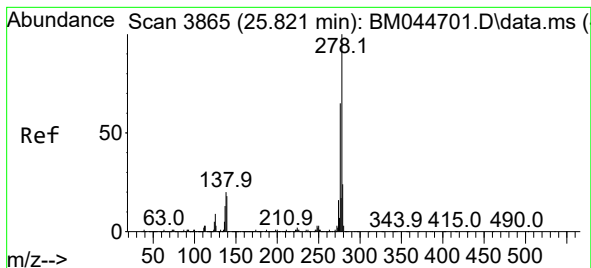
Ion Ratio Lower Upper

276 100

138 28.0 23.1 34.7

277 24.7 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 38.941 ng/ul

RT: 25.815 min Scan# 3864

Delta R.T. -0.012 min

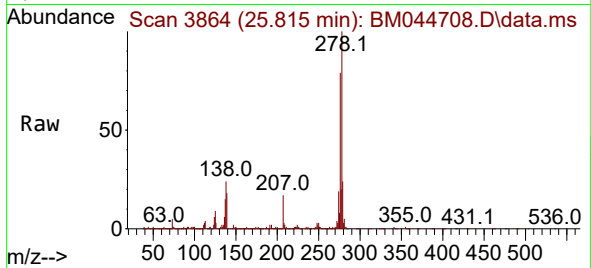
Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Instrument :

BNA_M

ClientSampleId :



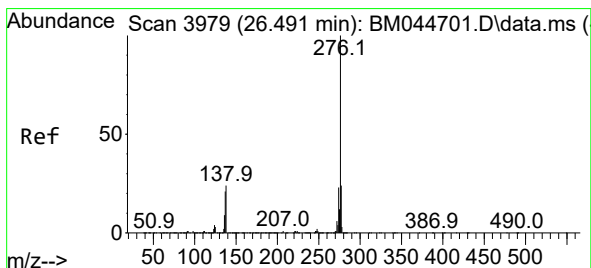
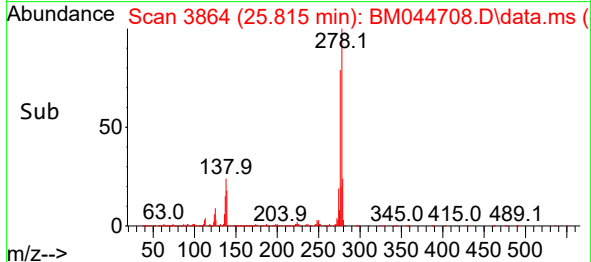
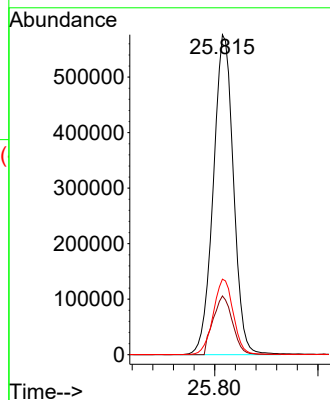
Tgt Ion:278 Resp: 1561076

Ion Ratio Lower Upper

278 100

139 18.3 15.8 23.6

279 23.6 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 39.154 ng/ul

RT: 26.491 min Scan# 3979

Delta R.T. -0.012 min

Lab File: BM044708.D

Acq: 21 Mar 2024 19:54

Tgt Ion:276 Resp: 1502225

Ion Ratio Lower Upper

276 100

138 24.0 20.8 31.2

277 23.7 19.0 28.4

