

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
 Data File : BM044709.D
 Acq On : 21 Mar 2024 20:31
 Operator : MA/JU
 Sample : PB159721BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 22 00:27:33 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	7.692	152	173168	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	712479	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.333	164	400359	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.092	188	748335	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	641933	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	737903	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	28088	5.501	ng/uL	0.00
4) Pyridine-d5	3.652	84	392973	26.150	ng/u1	0.00
7) Phenol-d5	6.869	99	490974	27.577	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	311090	28.289	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	391066	29.890	ng/u1	-0.01
15) 4-Methylphenol-d8	8.398	113	377852	27.024	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	195005	32.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	209482	32.389	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	362919	32.970	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.616	131	455715	24.928	ng/u1	-0.01
46) Dimethylphthalate-d6	13.757	166	950507	30.265	ng/u1	-0.01
49) Acenaphthylene-d8	14.027	160	1134660	31.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	173519	26.642	ng/u1	0.00
60) Fluorene-d10	15.333	176	810031	30.693	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.468	200	152391	31.372	ng/u1	0.00
73) Anthracene-d10	17.192	188	1160014	32.430	ng/u1	0.00
81) Pyrene-d10	19.492	212	1265255	32.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.391	264	1267847	32.689	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	55776	10.552	ng/uL	97
5) Pyridine	3.669	79	378662	24.295	ng/u1	93
6) Benzaldehyde	6.851	77	199793	25.764	ng/u1	96
8) Phenol	6.892	94	498834	27.453	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.134	93	412027	27.616	ng/u1	98
12) 2-Chlorophenol	7.257	128	399148	29.578	ng/u1	98
13) 2-Methylphenol	8.134	108	376018	27.270	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	600282	30.466	ng/u1	97
16) Acetophenone	8.516	105	587532	27.094	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.504	70	304194	27.151	ng/u1	92
18) 4-Methylphenol	8.463	108	399574	26.621	ng/u1	93
19) Hexachloroethane	8.751	117	168775	30.532	ng/u1	94
22) Nitrobenzene	8.892	77	456381	32.077	ng/u1	97
23) Isophorone	9.416	82	854230	29.428	ng/u1	98
25) 2-Nitrophenol	9.592	139	219153	31.081	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	390089	30.405	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.904	93	535056	29.309	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	350681	31.911	ng/u1	99
30) Naphthalene	10.516	128	1252211	31.031	ng/u1	100
32) 4-Chloroaniline	10.645	127	316482	17.957	ng/u1	100
33) Hexachlorobutadiene	10.786	225	212049	34.427	ng/u1	97
34) Caprolactam	11.433	113	105660	24.689	ng/u1	96
35) 4-Chloro-3-methylphenol	11.769	107	371334	29.138	ng/u1	98
36) 2-Methylnaphthalene	12.139	142	807452	30.090	ng/u1	99

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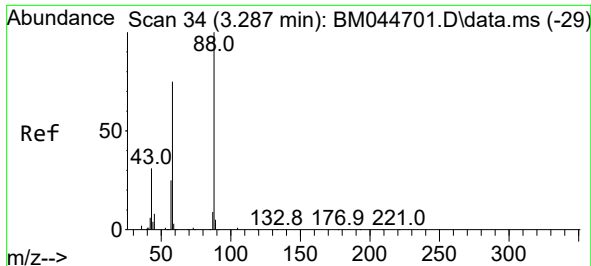
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	789508	29.825	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.504	216	383115	33.636	ng/ul	99
40) Hexachlorocyclopentadiene	12.474	237	242874	32.122	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	241346	30.226	ng/ul	99
42) 2,4,5-Trichlorophenol	12.827	196	261075	30.510	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1010073	31.771	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	787309	31.558	ng/ul	100
45) 2-Nitroaniline	13.427	65	242104	30.911	ng/ul	98
47) Dimethylphthalate	13.804	163	947220	29.640	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	189048	29.616	ng/ul	99
50) Acenaphthylene	14.057	152	1298581	31.020	ng/ul	99
51) 3-Nitroaniline	14.263	138	189817	27.530	ng/ul	99
52) Acenaphthene	14.398	153	849606	30.872	ng/ul	100
53) 2,4-Dinitrophenol	14.468	184	99318	24.324	ng/ul	96
55) 4-Nitrophenol	14.568	109	129999	28.488	ng/ul	89
56) Dibenzofuran	14.739	168	1121742	30.643	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	269913	29.293	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.968	232	192433	27.174	ng/ul	98
59) Diethylphthalate	15.180	149	966510	29.142	ng/ul	99
61) Fluorene	15.392	166	902377	30.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	433044	31.164	ng/ul	100
63) 4-Nitroaniline	15.427	138	196055	29.751	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.480	198	156173	30.086	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	744734	33.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	258489	34.534	ng/ul	96
69) Hexachlorobenzene	16.386	284	293124	34.382	ng/ul	97
70) Atrazine	16.574	200	87872	11.931	ng/ul	99
71) Pentachlorophenol	16.739	266	155748	27.666	ng/ul	98
72) Phenanthrene	17.133	178	1357803	31.985	ng/ul	99
74) Anthracene	17.227	178	1376813	32.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.121	216	376644	37.682	ng/uL	99
76) Pentachlorobenzene	14.651	250	355026	36.739	ng/uL	98
77) Carbazole	17.504	167	1263204	31.311	ng/ul	100
78) Di-n-butylphthalate	18.074	149	1635877	30.146	ng/ul	100
80) Fluoranthene	19.156	202	1492565	31.833	ng/ul	97
82) Pyrene	19.521	202	1552945	31.813	ng/ul	97
83) Butylbenzylphthalate	20.439	149	712618	29.689	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.215	252	438446	31.575	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1502819	31.175	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	1071673	30.622	ng/ul	97
87) Chrysene	21.327	228	1386140	31.058	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1880673	28.479	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1553672	31.467	ng/ul	100
91) Benzo(k)fluoranthene	22.909	252	1460970	30.211	ng/ul	98
93) Benzo(a)pyrene	23.438	252	1441699	31.214	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.797	276	1796479	34.677	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	1504246	34.824	ng/ul	98
96) Benzo(g,h,i)perylene	26.485	276	1447046	35.003	ng/ul	98

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

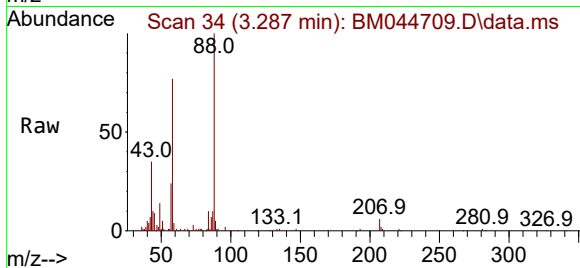
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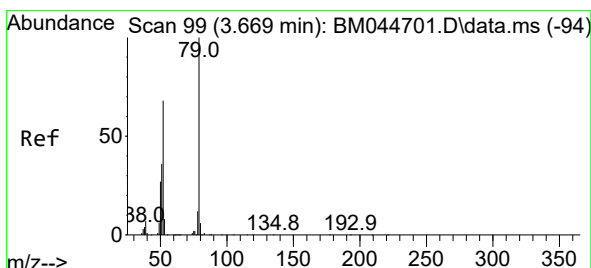
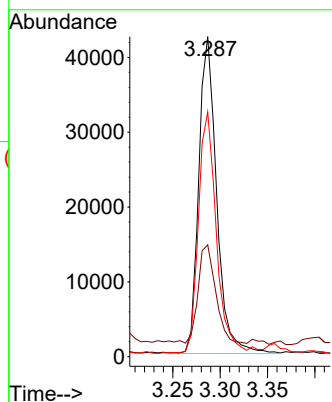
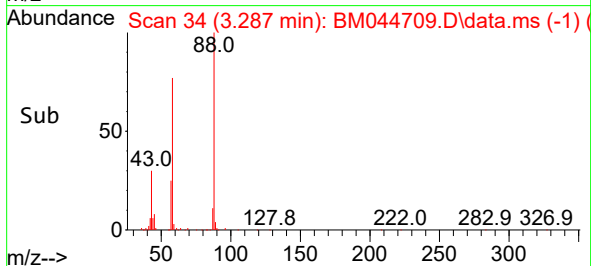


#2
1,4-Dioxane
Concen: 10.552 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

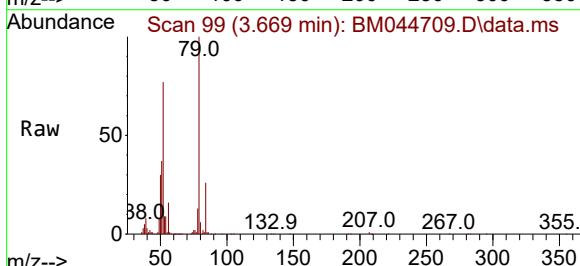
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BNA_M
ClientSampleId :



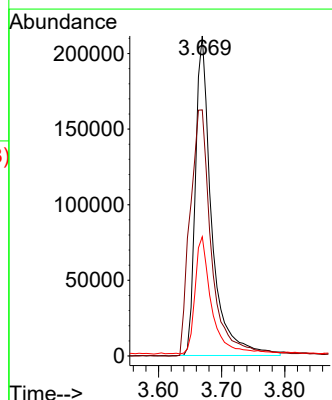
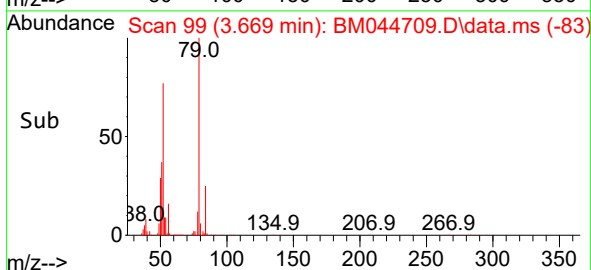
Tgt Ion: 88 Resp: 55776
Ion Ratio Lower Upper
88 100
43 34.9 23.8 35.6
58 76.5 61.6 92.4

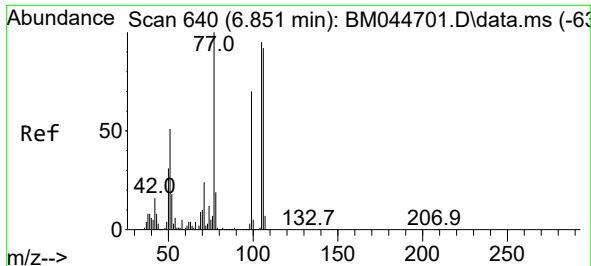


#5
Pyridine
Concen: 24.295 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31



Tgt Ion: 79 Resp: 378662
Ion Ratio Lower Upper
79 100
52 76.9 57.4 86.0
51 37.2 26.6 39.8

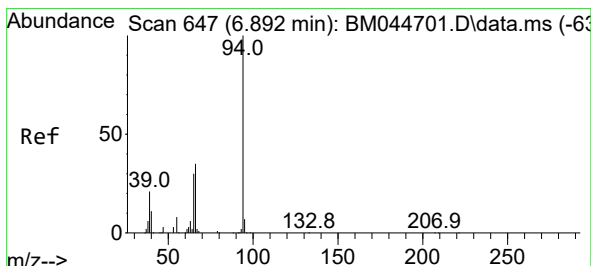
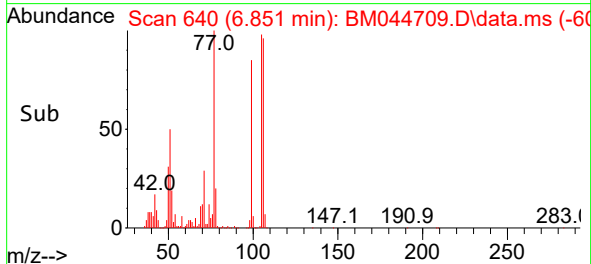
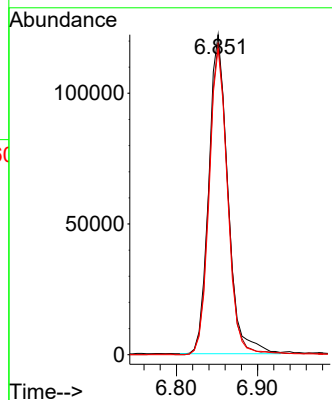
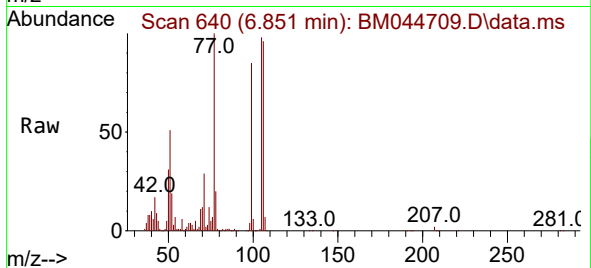




#6
Benzaldehyde
Concen: 25.764 ng/ul
RT: 6.851 min Scan# 640
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

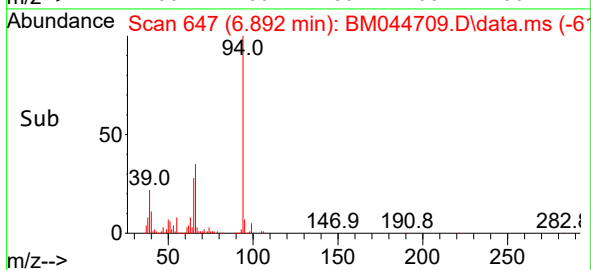
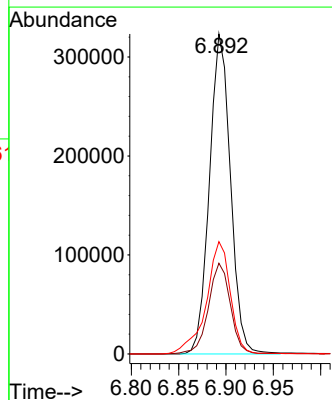
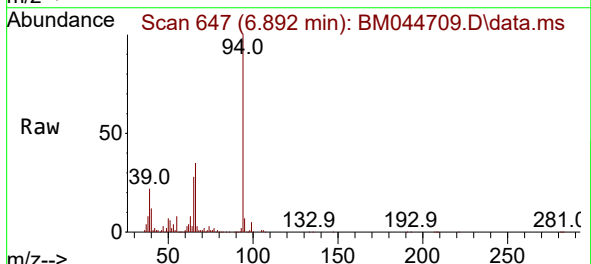
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ClientSampleId :

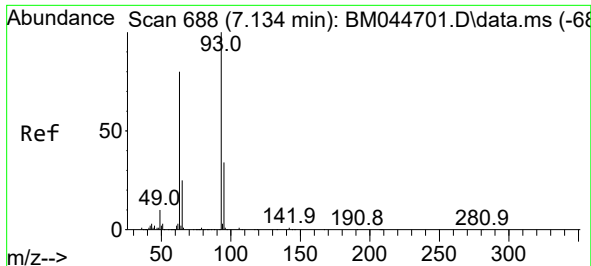
Tgt Ion: 77 Resp: 199793
Ion Ratio Lower Upper
77 100
105 97.6 81.4 122.0
106 95.7 80.2 120.4



#8
Phenol
Concen: 27.453 ng/ul
RT: 6.892 min Scan# 647
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion: 94 Resp: 498834
Ion Ratio Lower Upper
94 100
65 28.4 21.3 31.9
66 35.1 25.4 38.2

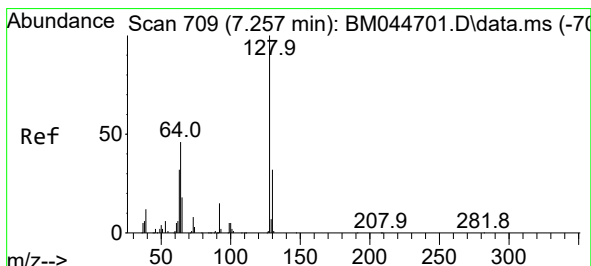
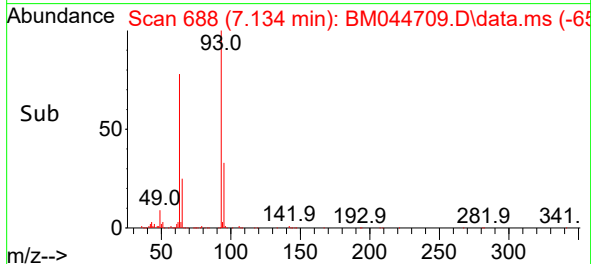
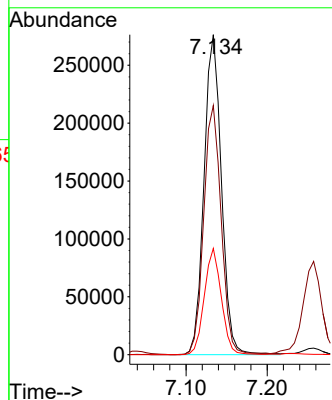
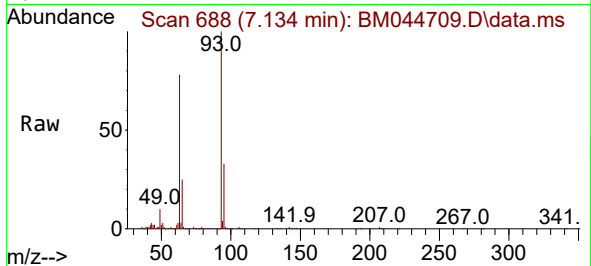




#10
Bis(2-Chloroethyl)ether
Concen: 27.616 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

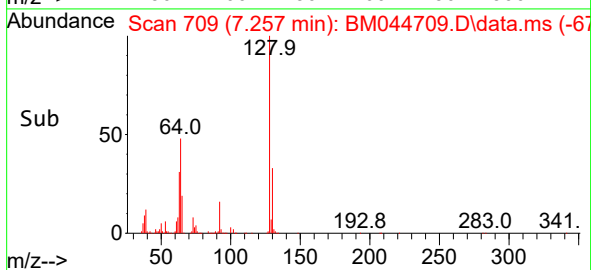
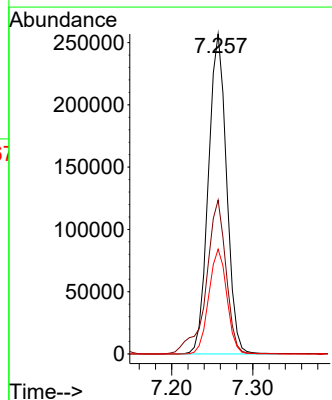
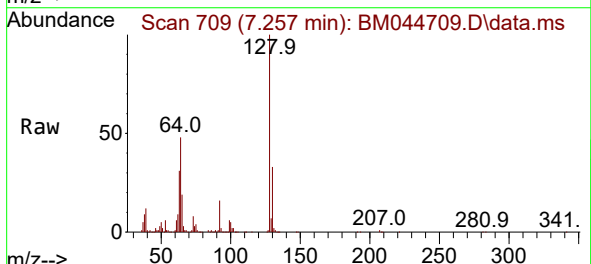
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ClientSampleId :

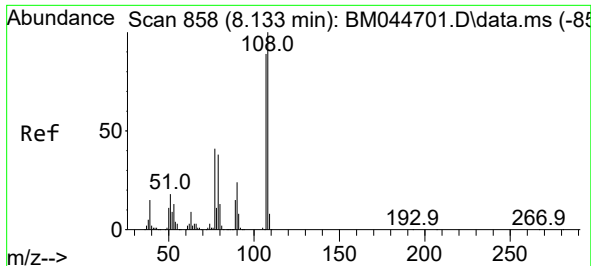
Tgt Ion: 93 Resp: 412027
Ion Ratio Lower Upper
93 100
63 77.9 60.2 90.4
95 33.2 26.8 40.2



#12
2-Chlorophenol
Concen: 29.578 ng/ul
RT: 7.257 min Scan# 709
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion: 128 Resp: 399148
Ion Ratio Lower Upper
128 100
64 48.1 37.4 56.2
130 32.7 25.4 38.0

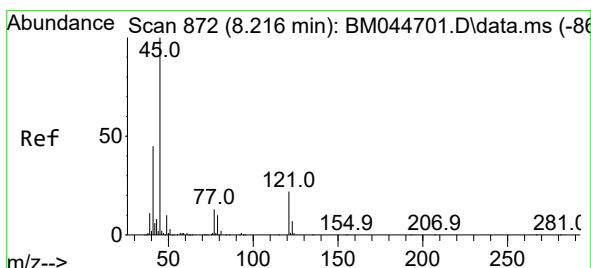
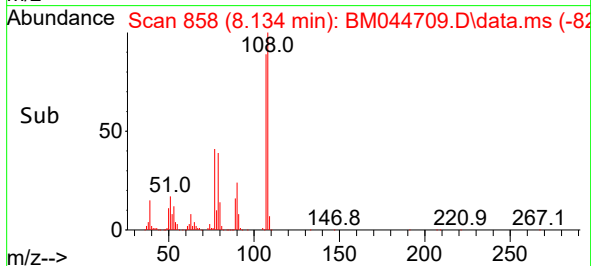
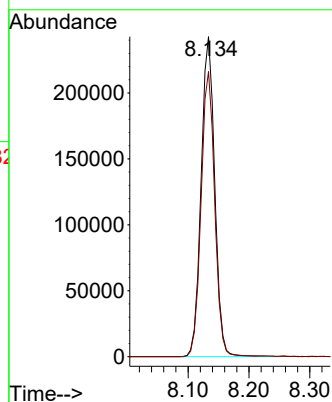
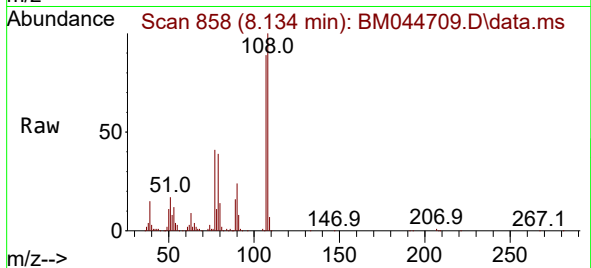




#13
2-Methylphenol
Concen: 27.270 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

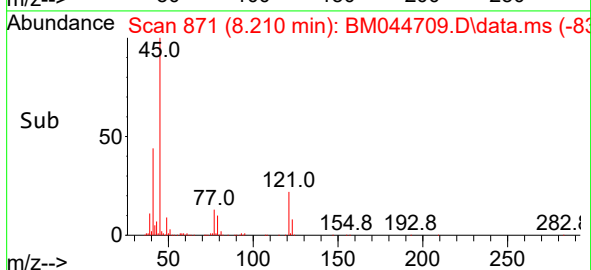
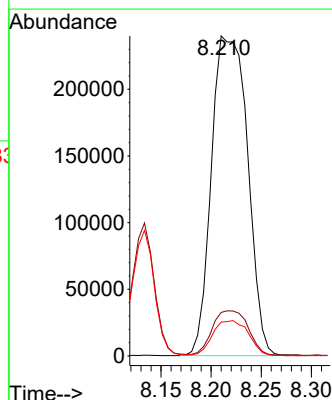
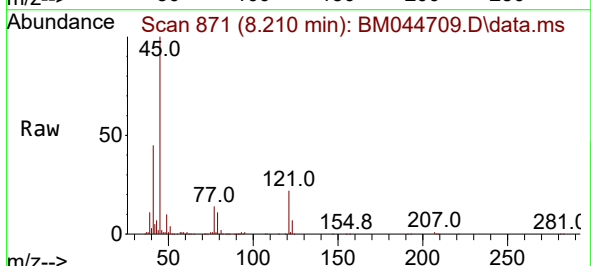
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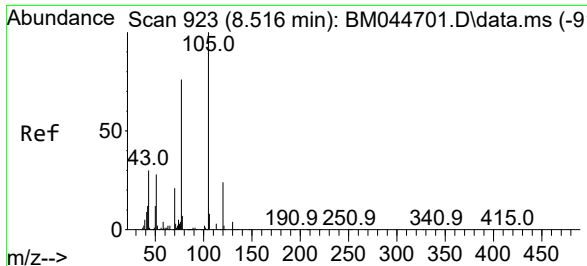
Tgt Ion:108 Resp: 376018
Ion Ratio Lower Upper
108 100
107 89.1 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.466 ng/ul
RT: 8.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion: 45 Resp: 600282
Ion Ratio Lower Upper
45 100
77 13.6 12.4 18.6
79 10.5 9.0 13.6

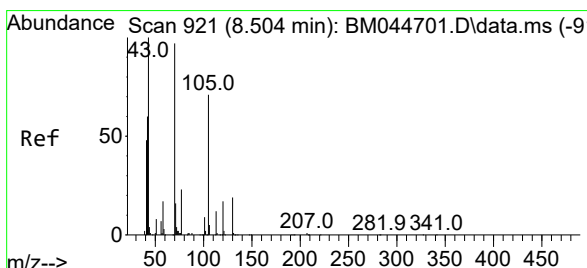
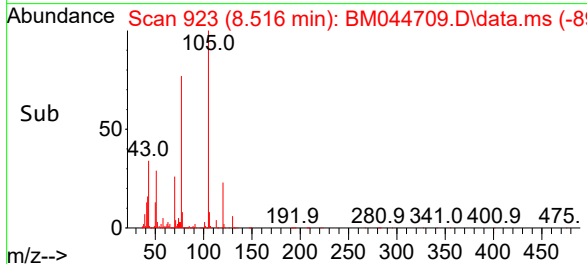
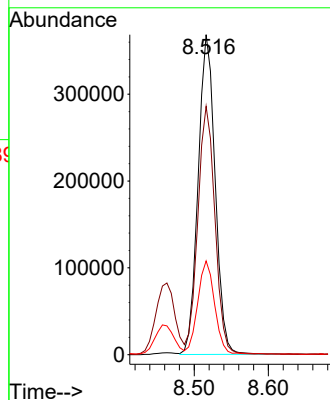
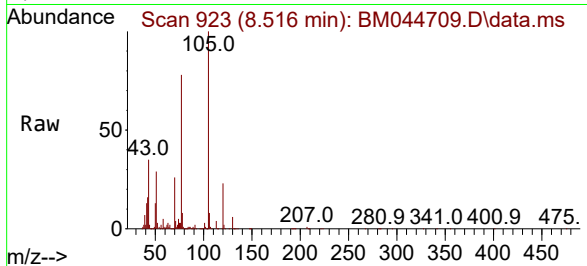




#16
Acetophenone
Concen: 27.094 ng/ul
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

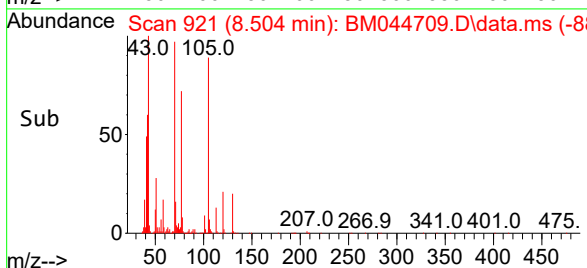
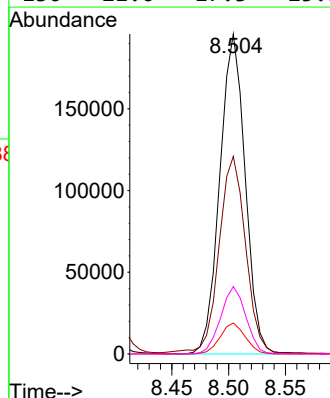
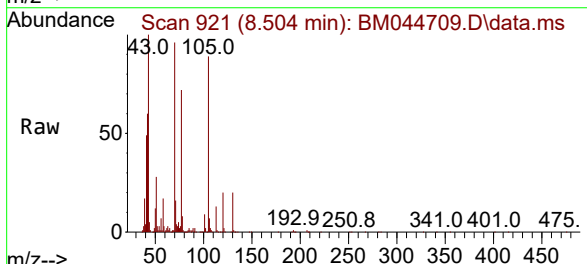
Instrument :
BNA_M
ClientSampleId :

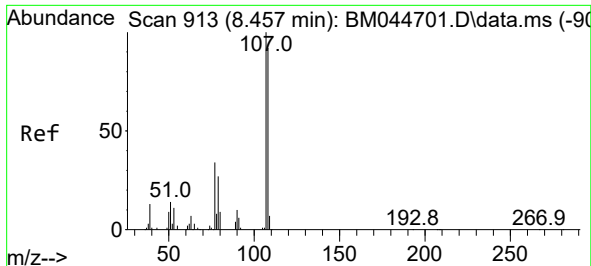
Tgt Ion:105 Resp: 587532
Ion Ratio Lower Upper
105 100
77 77.6 59.5 89.3
51 29.3 20.2 30.4



#17
N-Nitroso-di-n-propylamine
Concen: 27.151 ng/ul
RT: 8.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion: 70 Resp: 304194
Ion Ratio Lower Upper
70 100
42 61.7 42.7 64.1
101 9.7 7.1 10.7
130 21.0 17.3 25.9





#18

4-Methylphenol

Concen: 26.621 ng/ul

RT: 8.463 min Scan# 913

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

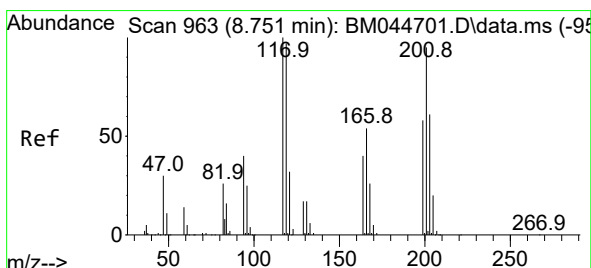
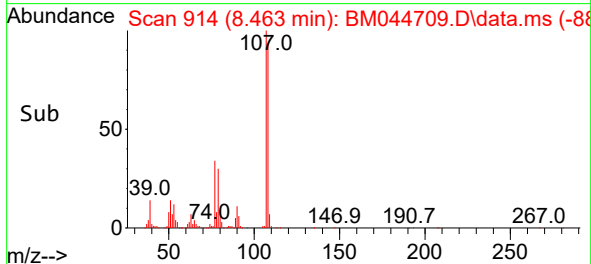
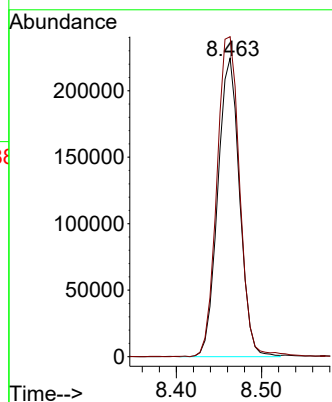
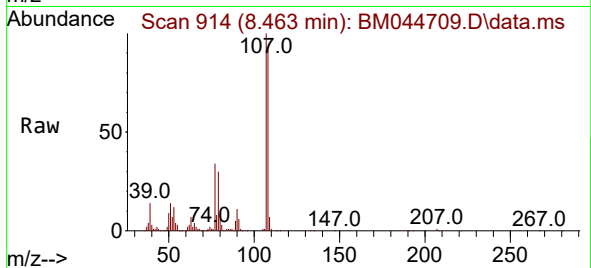
ClientSampleId :

Tgt Ion:108 Resp: 399574

Ion Ratio Lower Upper

108 100

107 107.2 91.8 137.8



#19

Hexachloroethane

Concen: 30.532 ng/ul

RT: 8.751 min Scan# 963

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

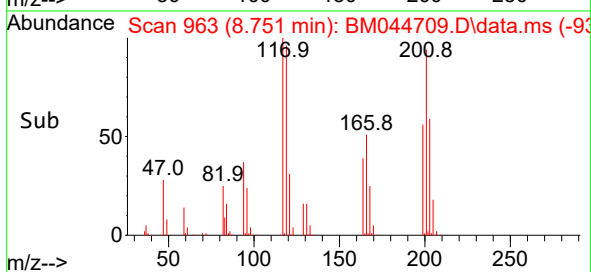
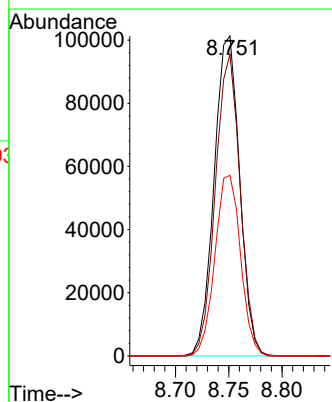
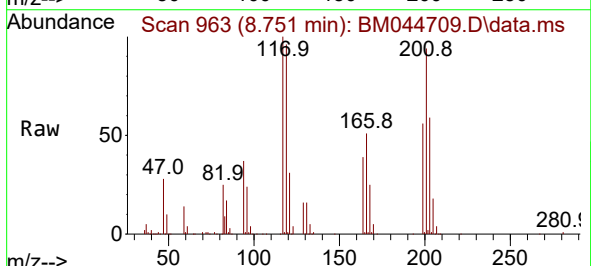
Tgt Ion:117 Resp: 168775

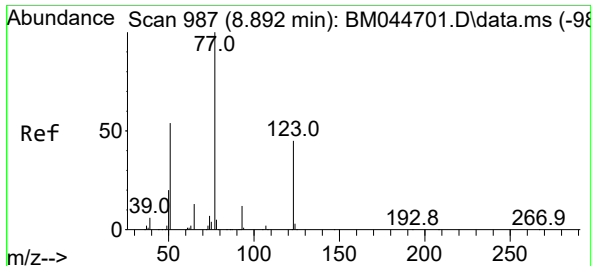
Ion Ratio Lower Upper

117 100

201 94.3 69.0 103.6

199 57.6 44.4 66.6

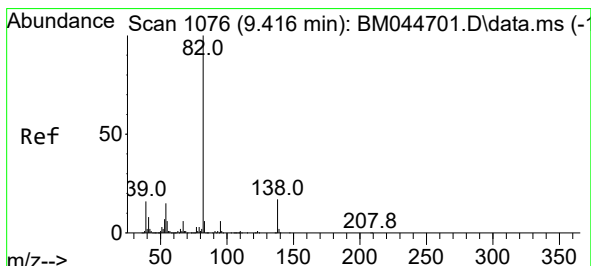
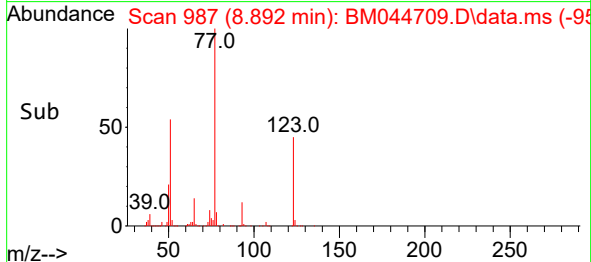
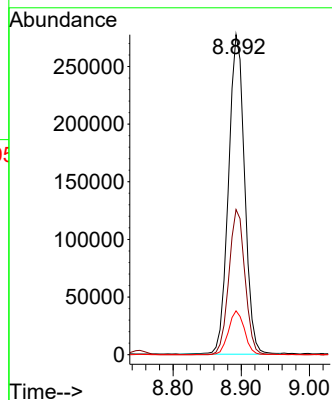
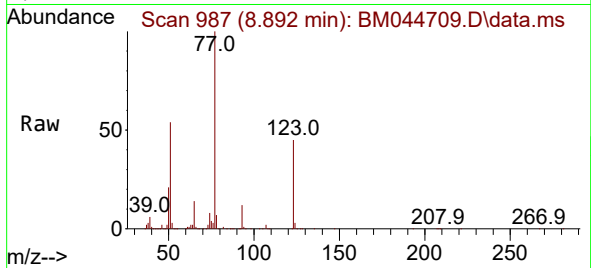




#22
Nitrobenzene
Concen: 32.077 ng/ul
RT: 8.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

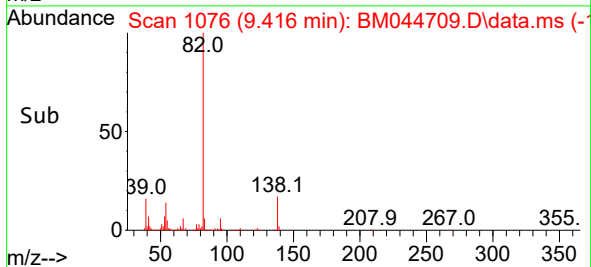
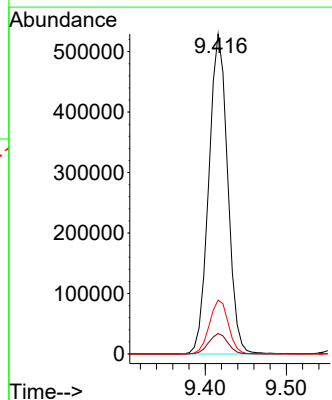
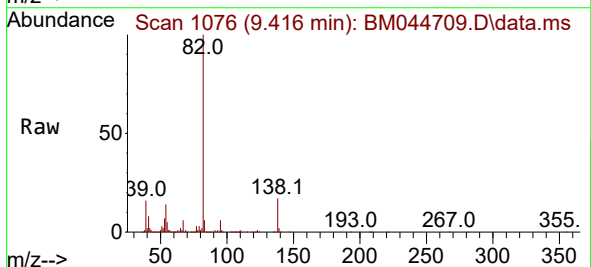
Instrument :
BNA_M
ClientSampleId :

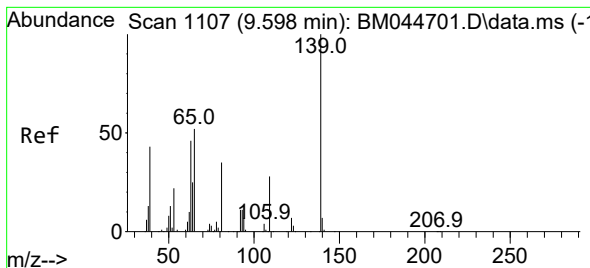
Tgt Ion: 77 Resp: 456381
Ion Ratio Lower Upper
77 100
123 45.3 38.2 57.2
65 13.7 10.2 15.2



#23
Isophorone
Concen: 29.428 ng/ul
RT: 9.416 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion: 82 Resp: 854230
Ion Ratio Lower Upper
82 100
95 6.4 4.7 7.1
138 16.9 14.1 21.1

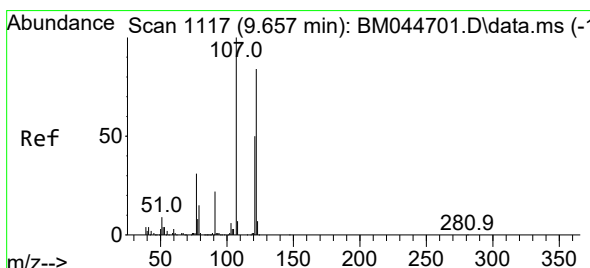
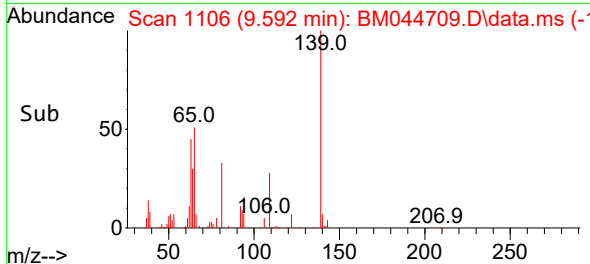
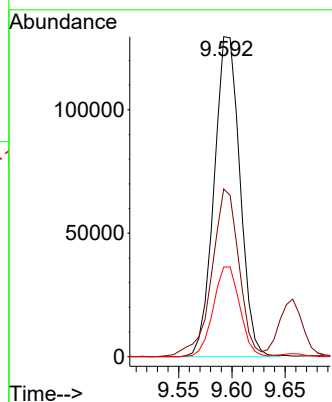
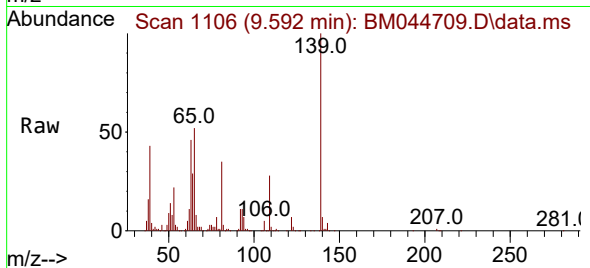




#25
2-Nitrophenol
Concen: 31.081 ng/ul
RT: 9.592 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

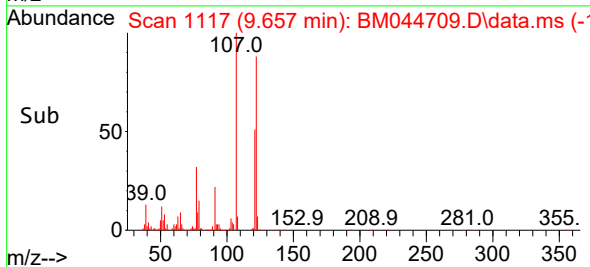
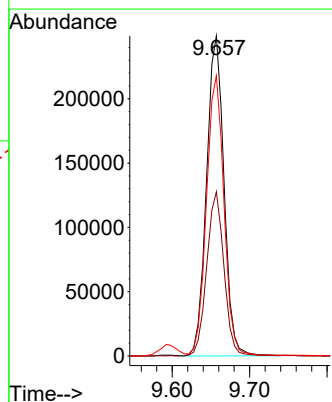
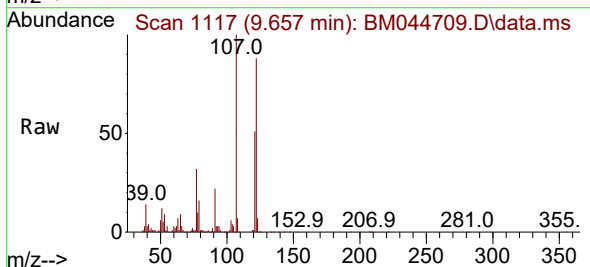
Instrument :
BNA_M
ClientSampleId :

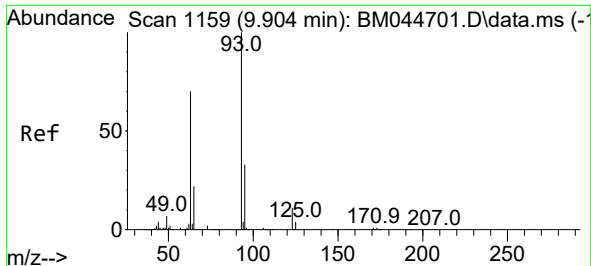
Tgt Ion:139 Resp: 219153
Ion Ratio Lower Upper
139 100
65 52.4 40.2 60.2
109 28.0 21.0 31.4



#26
2,4-Dimethylphenol
Concen: 30.405 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:107 Resp: 390089
Ion Ratio Lower Upper
107 100
121 51.3 41.0 61.6
122 87.5 71.4 107.0

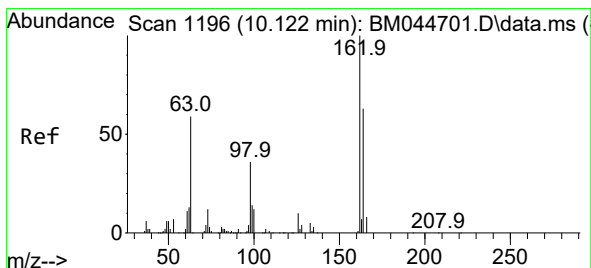
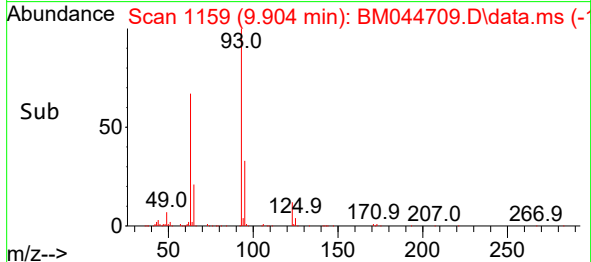
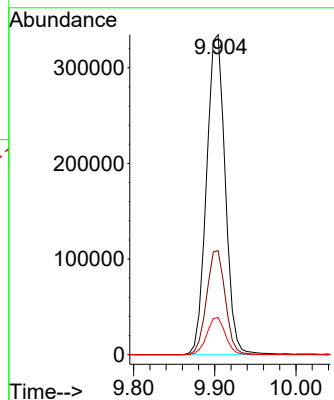
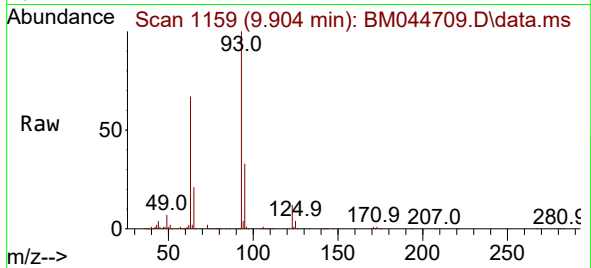




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.309 ng/ul
 RT: 9.904 min Scan# 1159
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

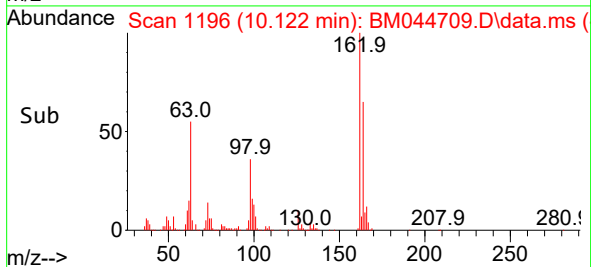
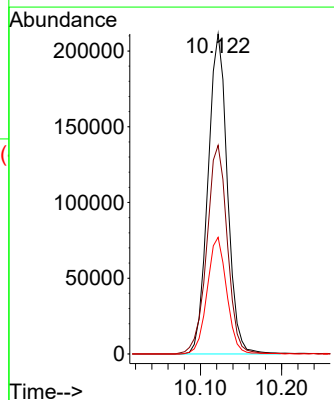
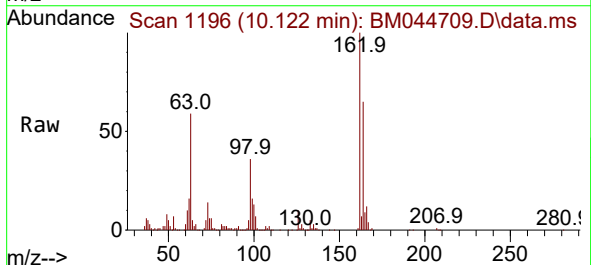
Instrument :
 BNA_M
 ClientSampleId :

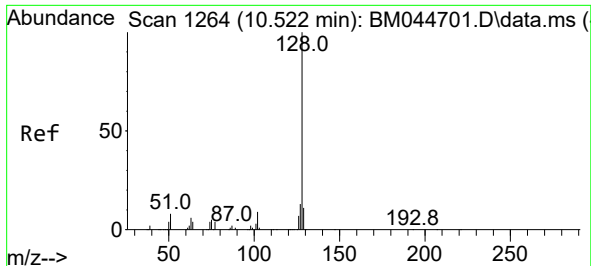
Tgt Ion: 93 Resp: 535056
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.3 37.9
 123 11.6 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 31.911 ng/ul
 RT: 10.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

Tgt Ion: 162 Resp: 350681
 Ion Ratio Lower Upper
 162 100
 164 65.2 52.7 79.1
 98 36.4 30.1 45.1

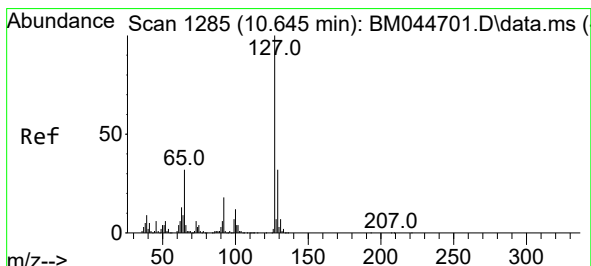
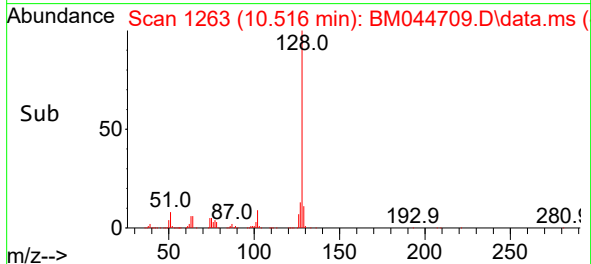
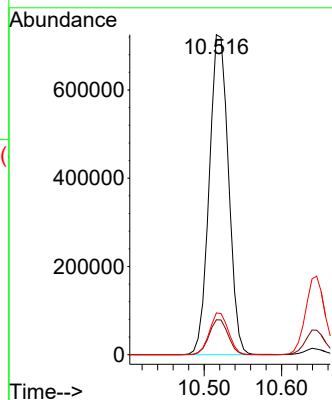
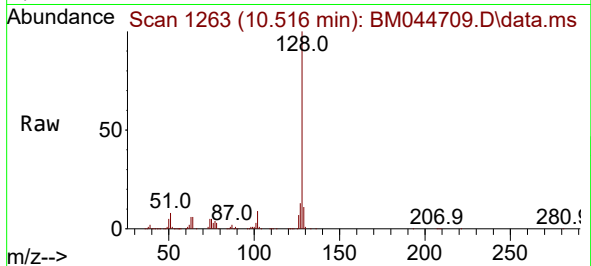




#30
Naphthalene
Concen: 31.031 ng/ul
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

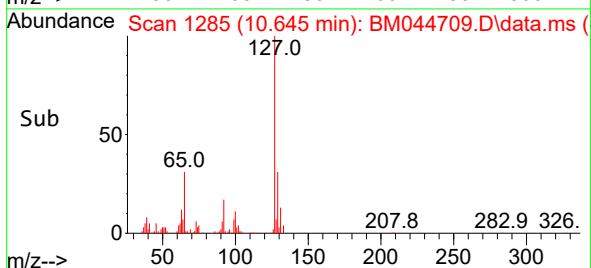
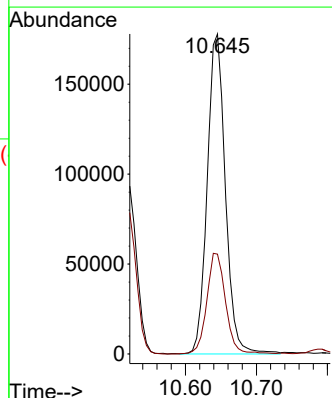
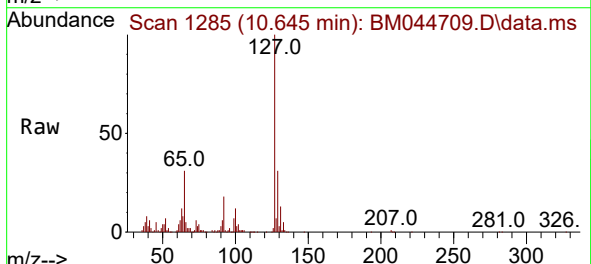
Instrument :
BNA_M
ClientSampleId :

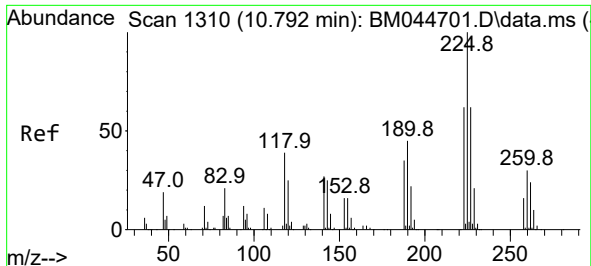
Tgt Ion:128 Resp: 1252211
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 17.957 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:127 Resp: 316482
Ion Ratio Lower Upper
127 100
129 31.2 25.1 37.7

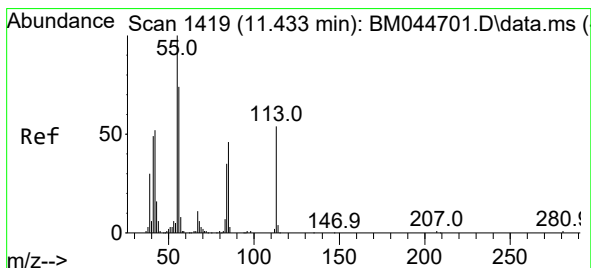
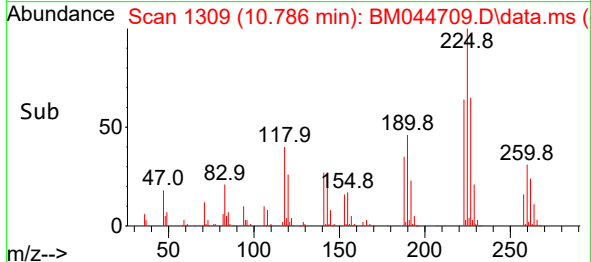
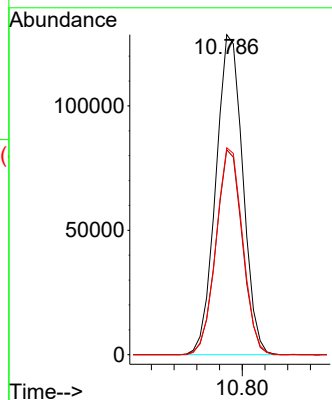
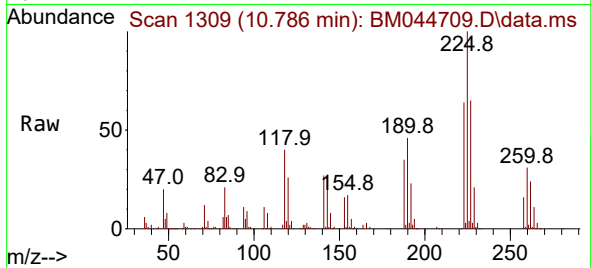




#33
Hexachlorobutadiene
Concen: 34.427 ng/ul
RT: 10.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

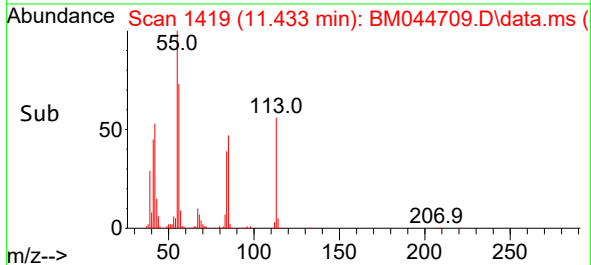
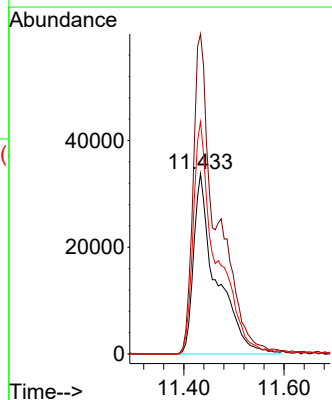
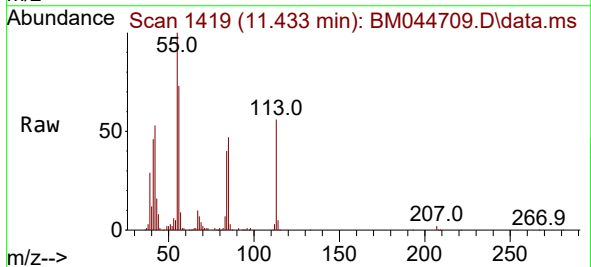
Instrument :
BNA_M
ClientSampleId :

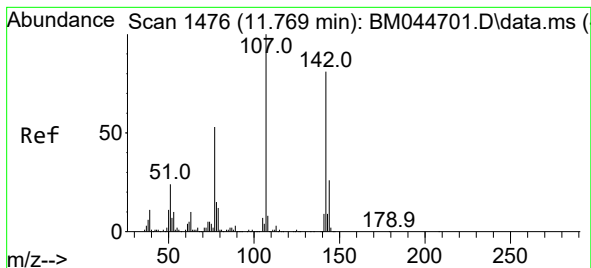
Tgt Ion:225 Resp: 212049
Ion Ratio Lower Upper
225 100
223 64.0 50.1 75.1
227 64.6 49.2 73.8



#34
Caprolactam
Concen: 24.689 ng/ul
RT: 11.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:113 Resp: 105660
Ion Ratio Lower Upper
113 100
55 177.5 134.7 202.1
56 128.8 102.2 153.2

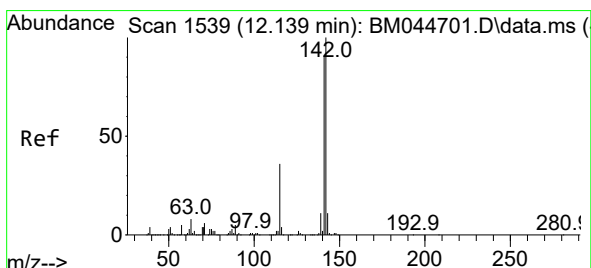
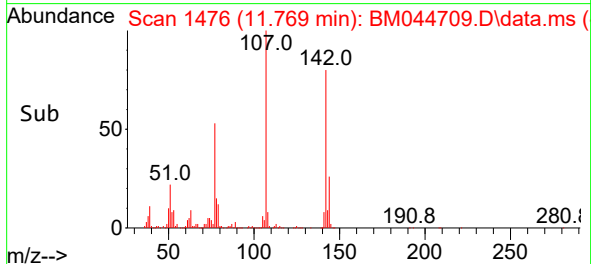
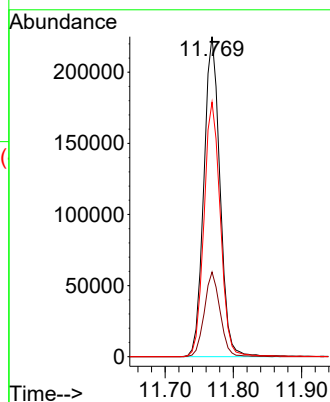
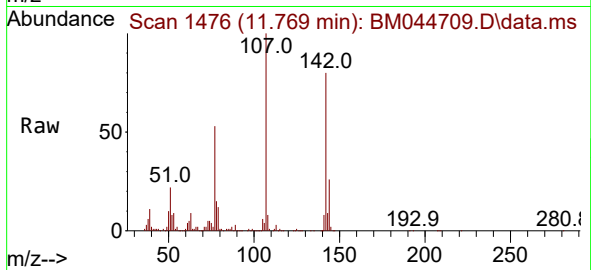




#35
 4-Chloro-3-methylphenol
 Concen: 29.138 ng/ul
 RT: 11.769 min Scan# 1476
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

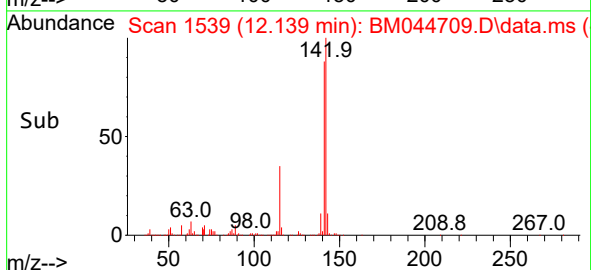
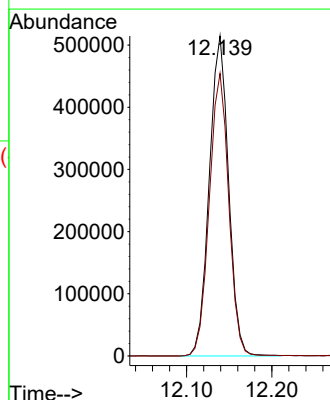
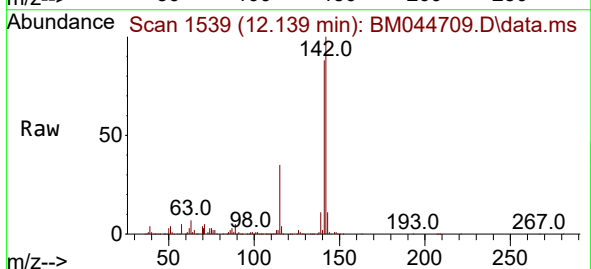
Instrument :
 BNA_M
 ClientSampleId :

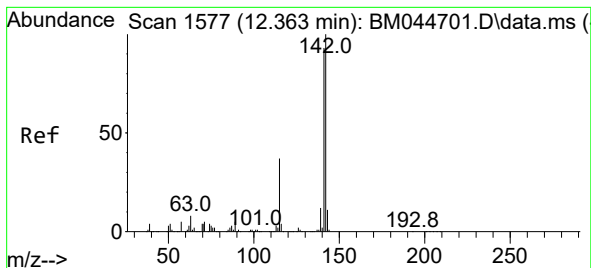
Tgt Ion:107 Resp: 371334
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.7 32.5
 142 79.6 65.1 97.7



#36
 2-Methylnaphthalene
 Concen: 30.090 ng/ul
 RT: 12.139 min Scan# 1539
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

Tgt Ion:142 Resp: 807452
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.1 106.7





#37

1-Methylnaphthalene

Concen: 29.825 ng/ul

RT: 12.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

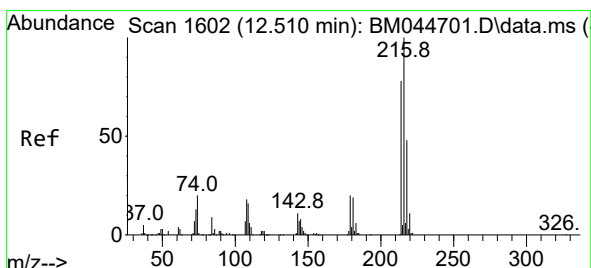
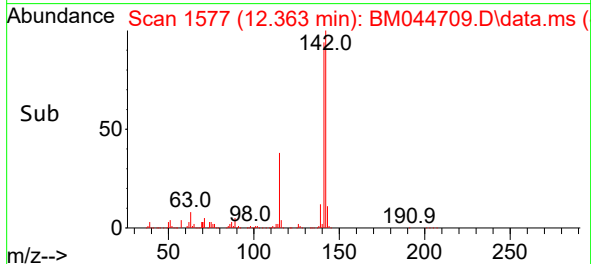
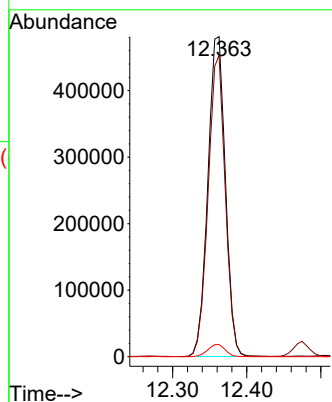
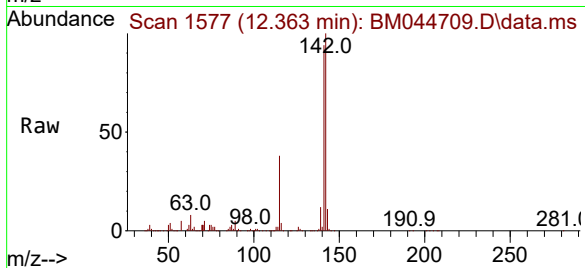
Tgt Ion:142 Resp: 789508

Ion Ratio Lower Upper

142 100

141 94.1 73.0 109.6

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.636 ng/ul

RT: 12.504 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Tgt Ion:216 Resp: 383115

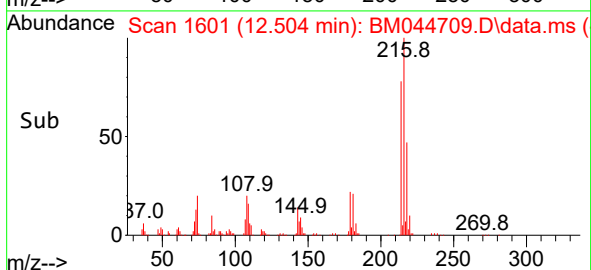
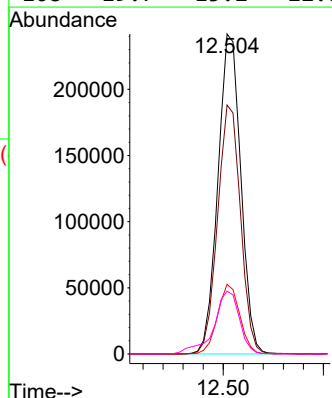
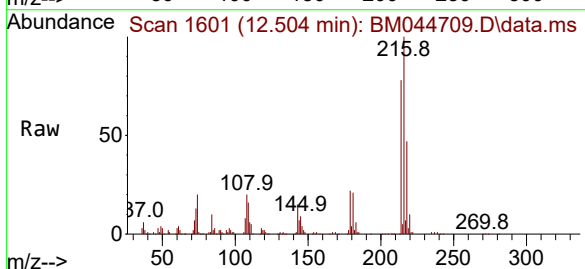
Ion Ratio Lower Upper

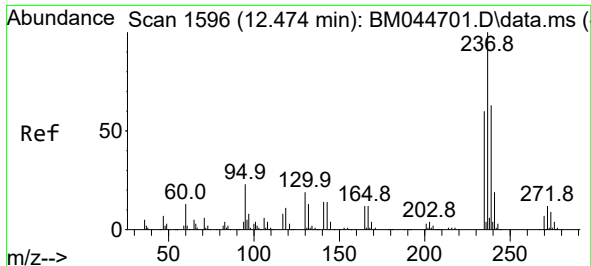
216 100

214 77.8 63.4 95.2

179 21.8 17.5 26.3

108 19.7 15.2 22.8

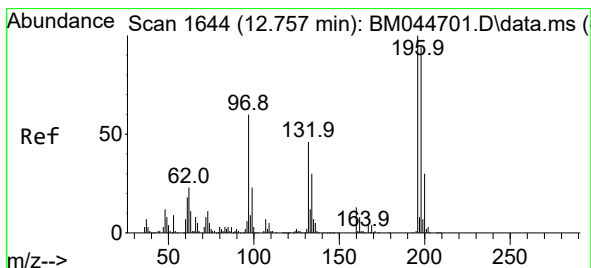
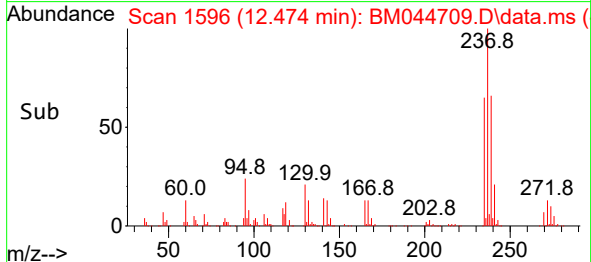
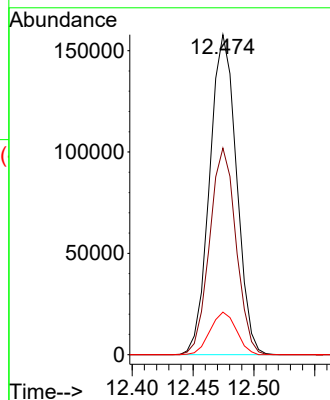
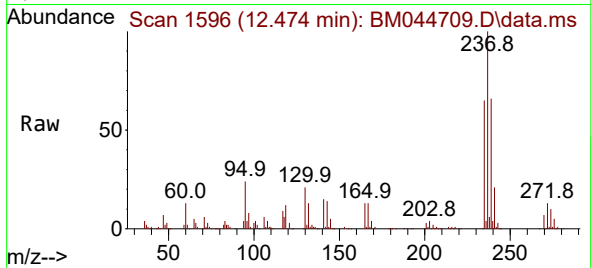




#40
Hexachlorocyclopentadiene
Concen: 32.122 ng/ul
RT: 12.474 min Scan# 1596
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

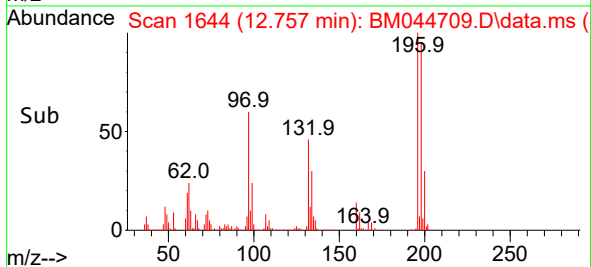
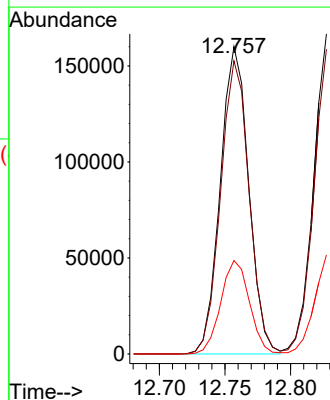
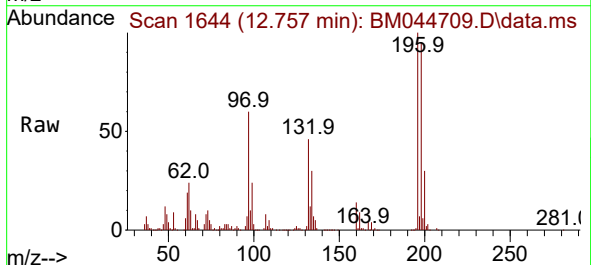
Instrument :
BNA_M
ClientSampleId :

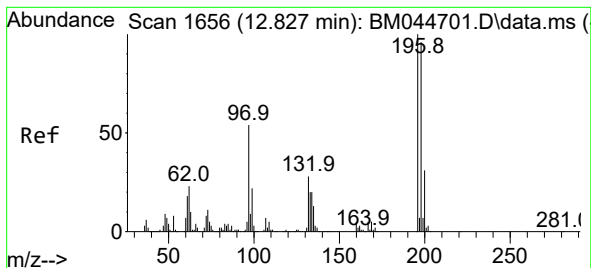
Tgt Ion:237 Resp: 242874
Ion Ratio Lower Upper
237 100
235 64.5 50.1 75.1
272 13.3 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 30.226 ng/ul
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

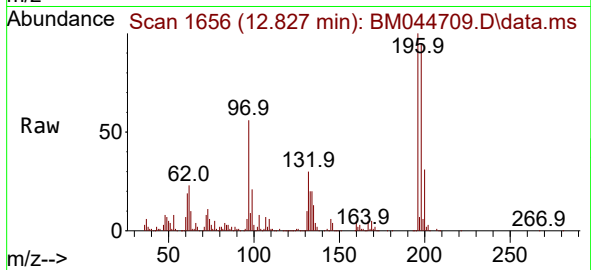
Tgt Ion:196 Resp: 241346
Ion Ratio Lower Upper
196 100
198 95.4 76.7 115.1
200 30.4 24.1 36.1



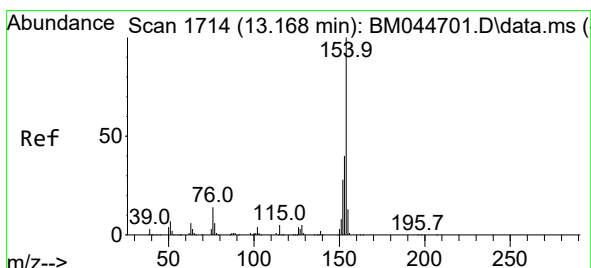
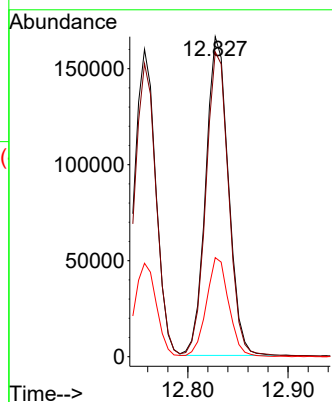
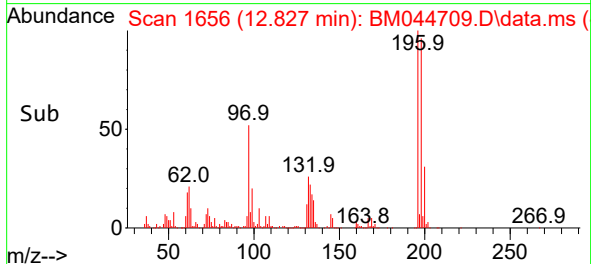


#42
2,4,5-Trichlorophenol
Concen: 30.510 ng/ul
RT: 12.827 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Instrument :
BNA_M
ClientSampleId :

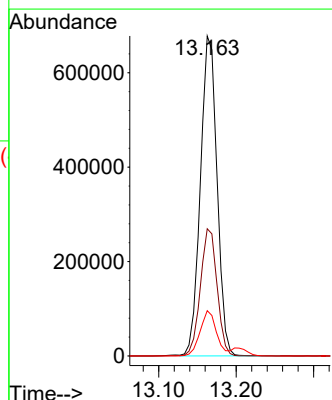
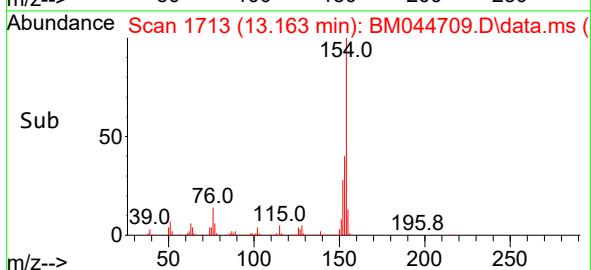
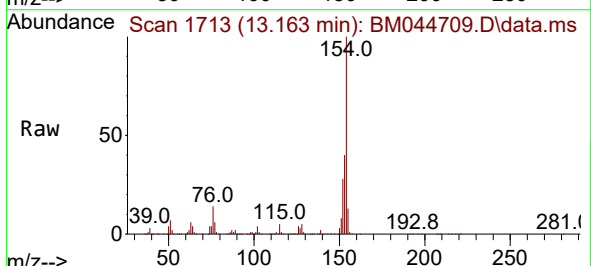


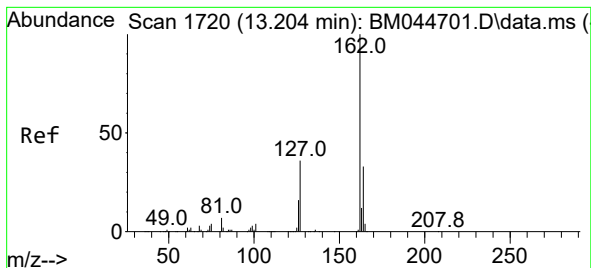
Tgt Ion:196 Resp: 261075
Ion Ratio Lower Upper
196 100
198 95.3 78.1 117.1
200 31.0 24.7 37.1



#43
1,1'-Biphenyl
Concen: 31.771 ng/ul
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:154 Resp: 1010073
Ion Ratio Lower Upper
154 100
153 39.7 31.8 47.8
76 14.1 11.0 16.4





#44

2-Chloronaphthalene

Concen: 31.558 ng/ul

RT: 13.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

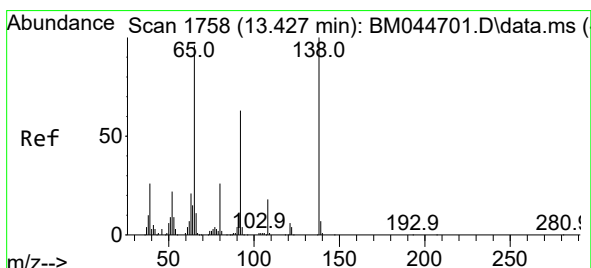
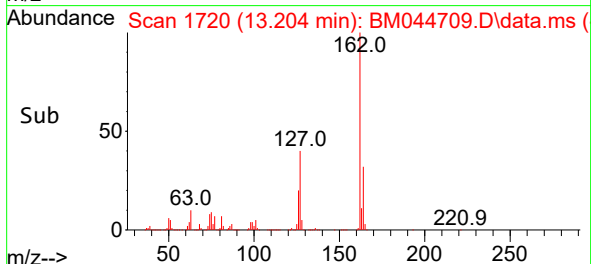
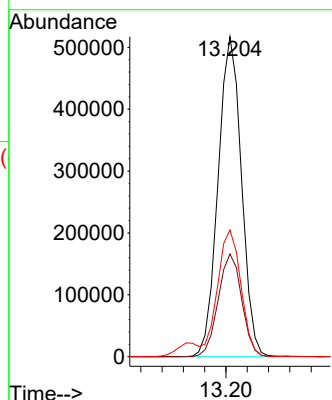
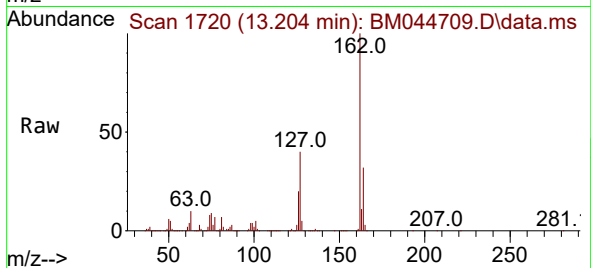
Tgt Ion:162 Resp: 787309

Ion Ratio Lower Upper

162 100

164 32.1 25.6 38.4

127 39.6 31.4 47.0



#45

2-Nitroaniline

Concen: 30.911 ng/ul

RT: 13.427 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

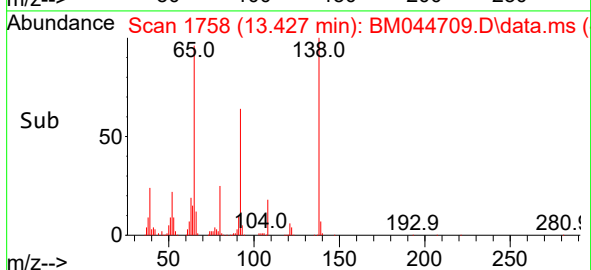
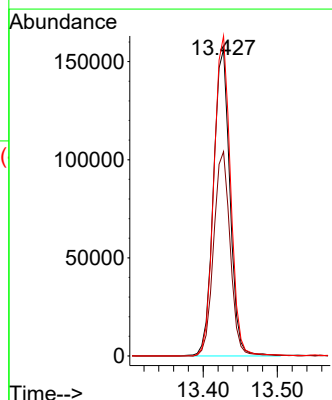
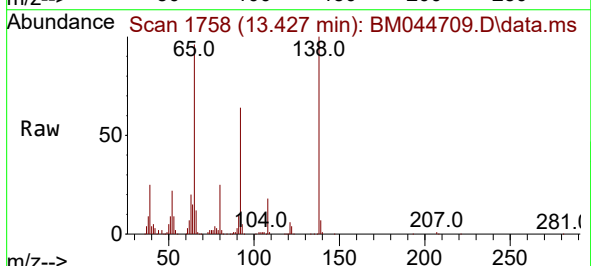
Tgt Ion: 65 Resp: 242104

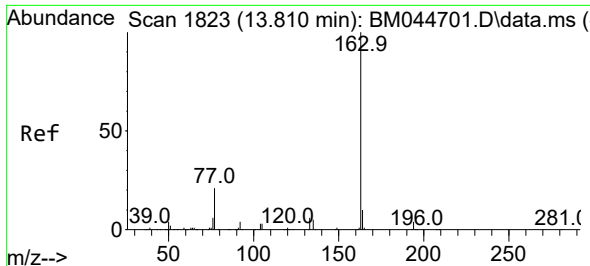
Ion Ratio Lower Upper

65 100

92 66.6 55.4 83.0

138 104.3 84.0 126.0

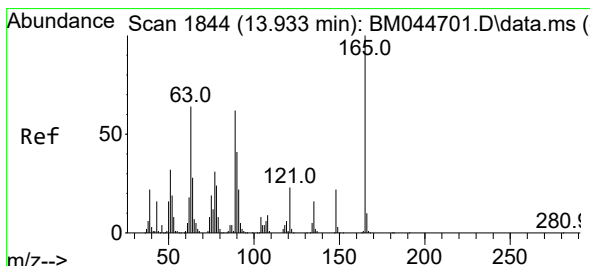
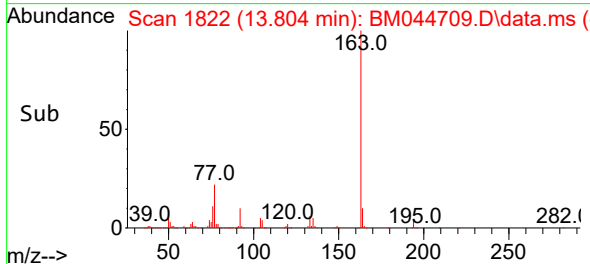
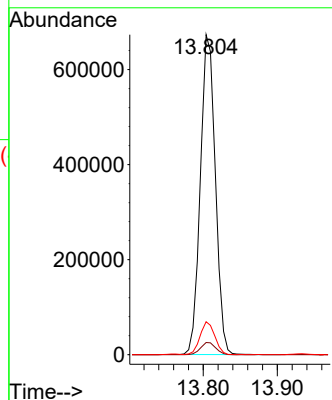
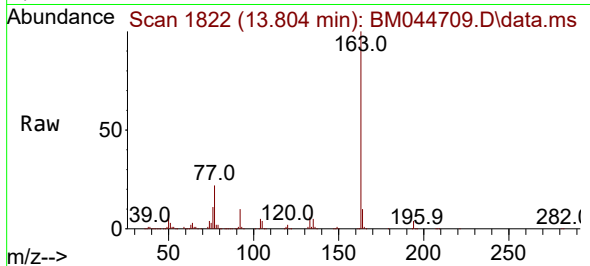




#47
Dimethylphthalate
Concen: 29.640 ng/ul
RT: 13.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

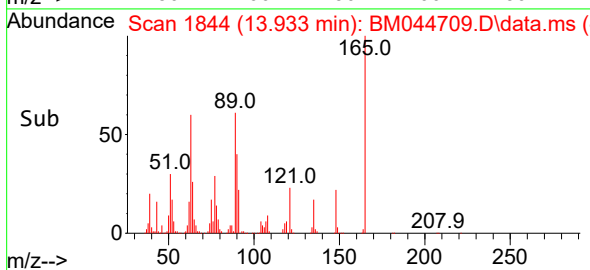
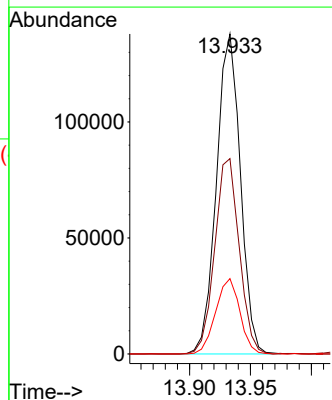
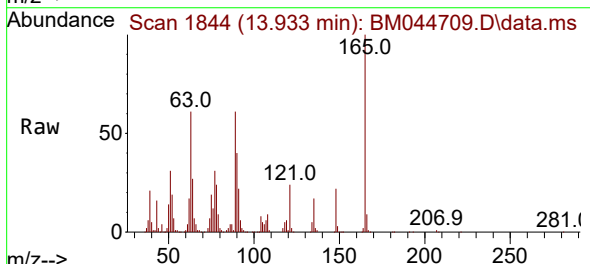
Instrument :
BNA_M
ClientSampleId :

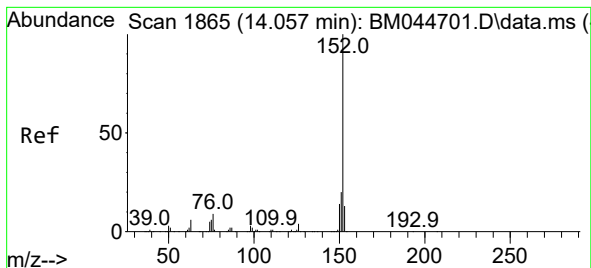
Tgt Ion:163 Resp: 947220
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 29.616 ng/ul
RT: 13.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:165 Resp: 189048
Ion Ratio Lower Upper
165 100
89 61.0 48.4 72.6
121 23.5 17.7 26.5





#50

Acenaphthylene

Concen: 31.020 ng/ul

RT: 14.057 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

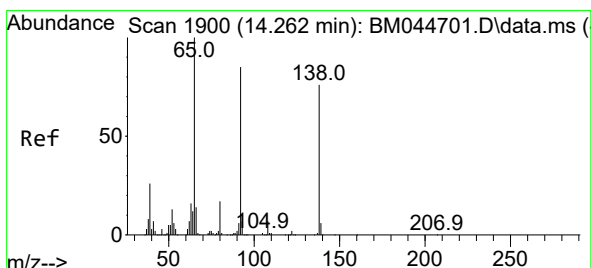
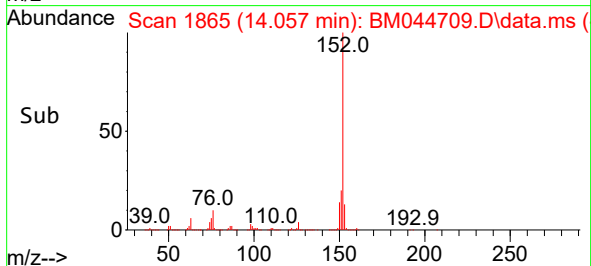
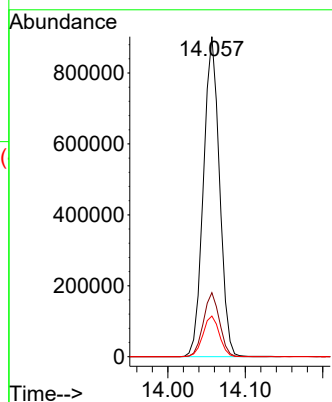
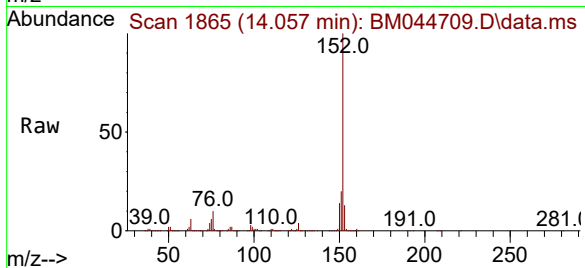
Tgt Ion:152 Resp: 1298581

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 12.7 10.6 15.8



#51

3-Nitroaniline

Concen: 27.530 ng/ul

RT: 14.263 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

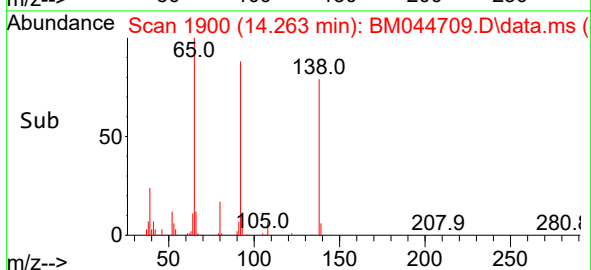
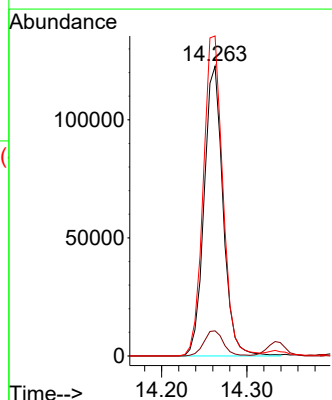
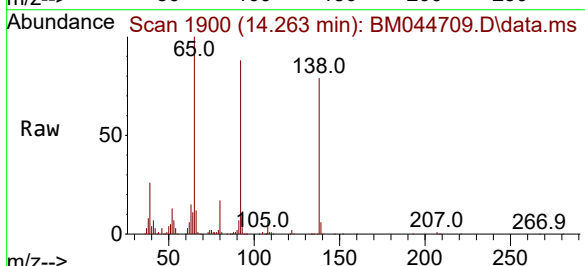
Tgt Ion:138 Resp: 189817

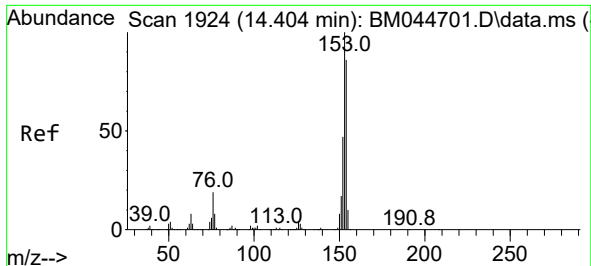
Ion Ratio Lower Upper

138 100

108 8.7 7.3 10.9

92 110.4 89.3 133.9

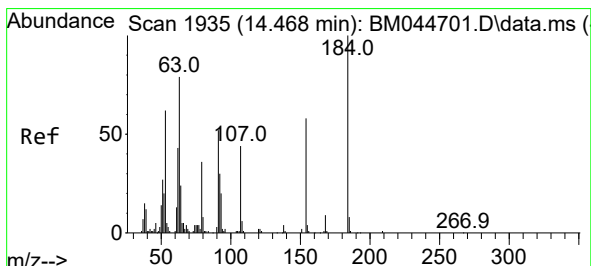
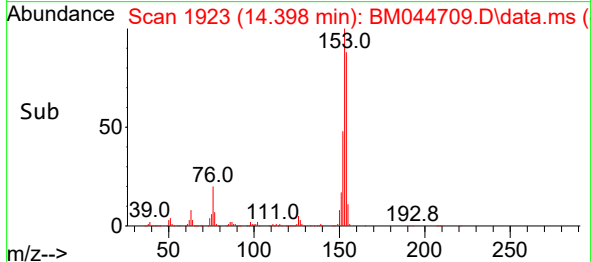
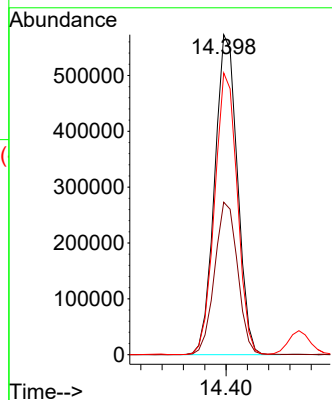
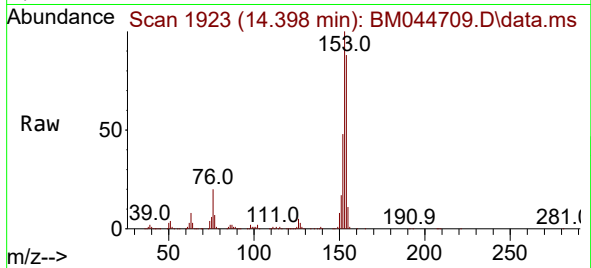




#52
Acenaphthene
Concen: 30.872 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

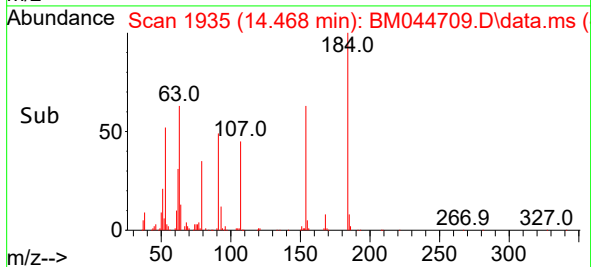
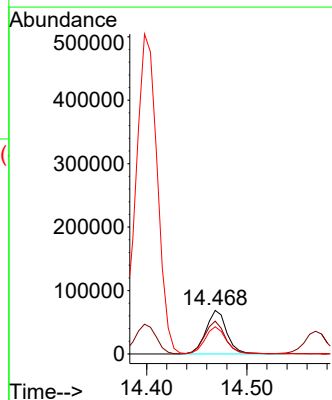
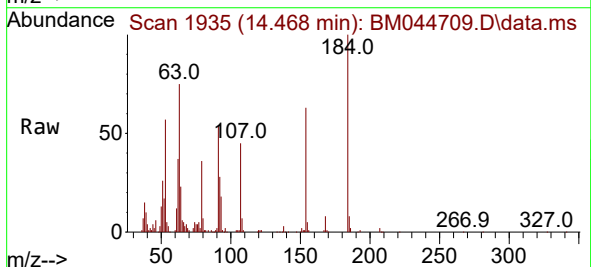
Instrument :
BNA_M
ClientSampleId :

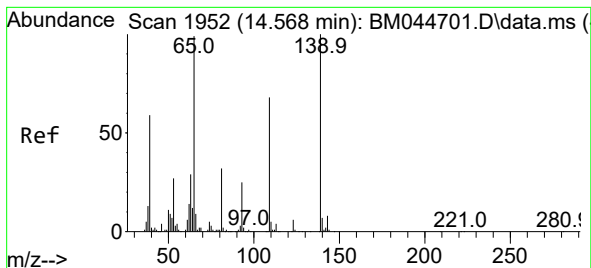
Tgt Ion:153 Resp: 849606
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.2
154 88.0 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 24.324 ng/ul
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:184 Resp: 99318
Ion Ratio Lower Upper
184 100
63 75.3 57.2 85.8
154 62.5 47.9 71.9

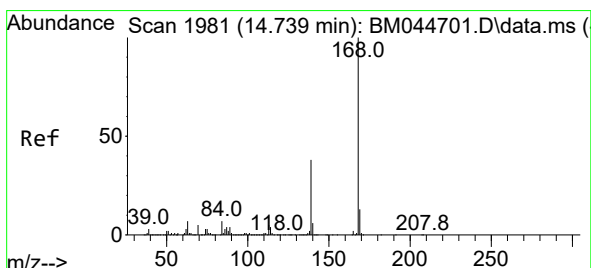
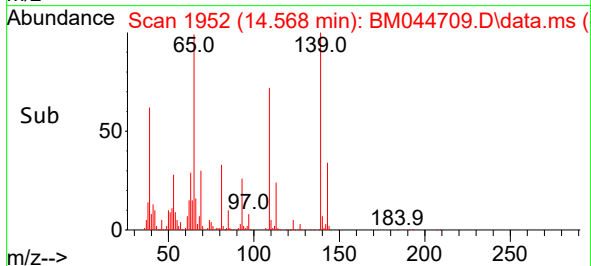
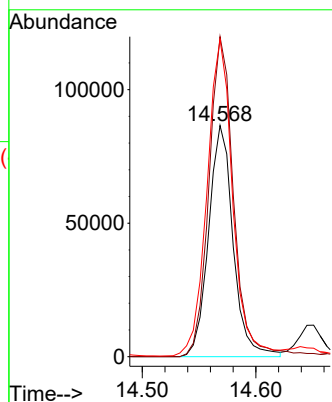
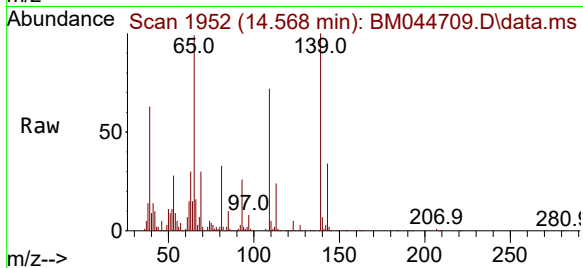




#55
4-Nitrophenol
Concen: 28.488 ng/ul
RT: 14.568 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

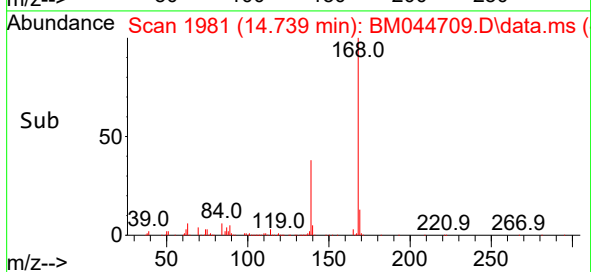
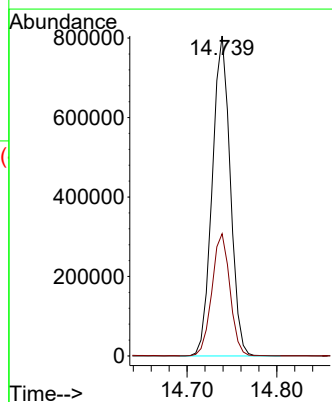
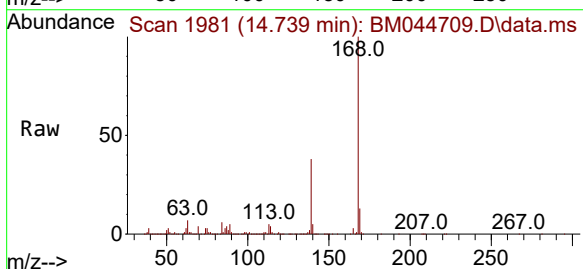
Instrument :
BNA_M
ClientSampleId :

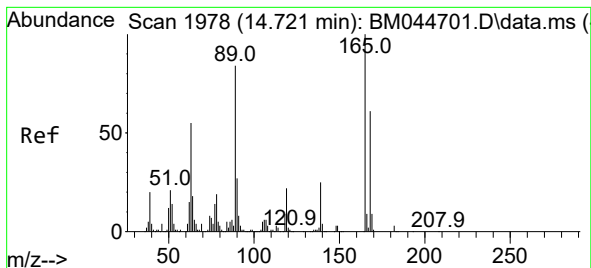
Tgt Ion:109 Resp: 129999
Ion Ratio Lower Upper
109 100
139 138.4 126.2 189.4
65 137.3 117.0 175.4



#56
Dibenzofuran
Concen: 30.643 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:168 Resp: 1121742
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1

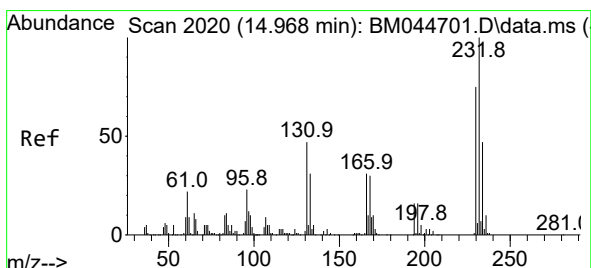
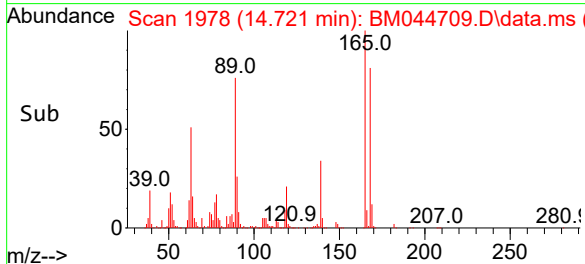
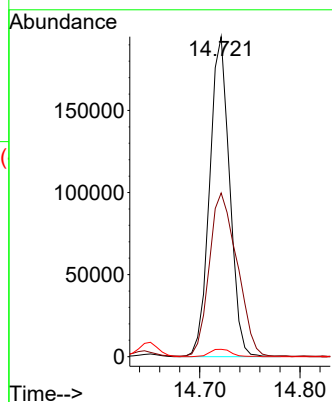
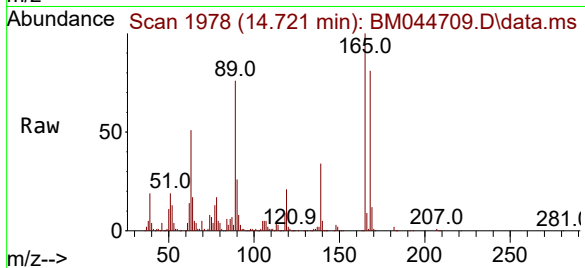




#57
2,4-Dinitrotoluene
Concen: 29.293 ng/ul
RT: 14.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

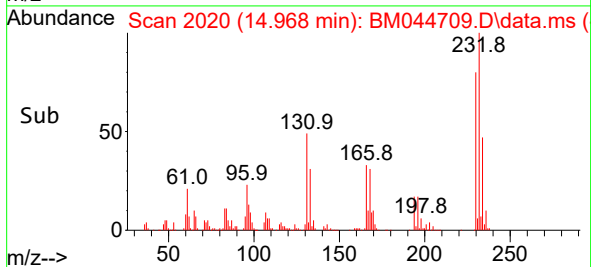
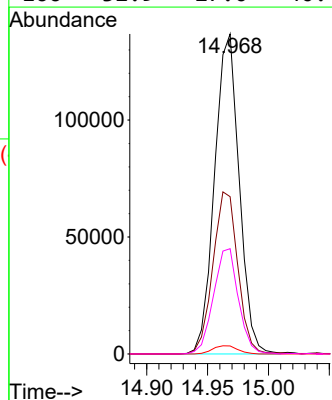
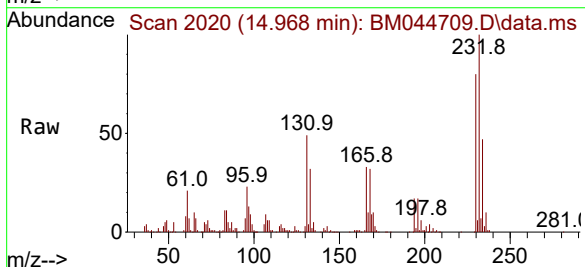
Instrument :
BNA_M
ClientSampleId :

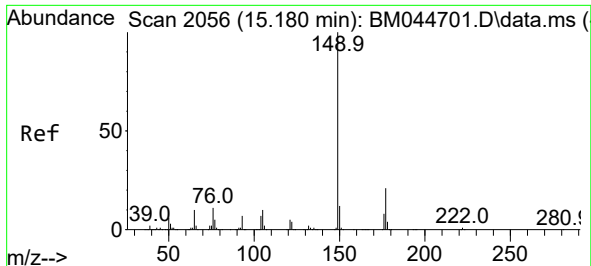
Tgt Ion:165 Resp: 269913
Ion Ratio Lower Upper
165 100
63 51.1 37.4 56.0
182 2.3 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 27.174 ng/ul
RT: 14.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:232 Resp: 192433
Ion Ratio Lower Upper
232 100
131 49.2 40.6 61.0
130 2.5 2.2 3.4
166 32.9 27.0 40.4

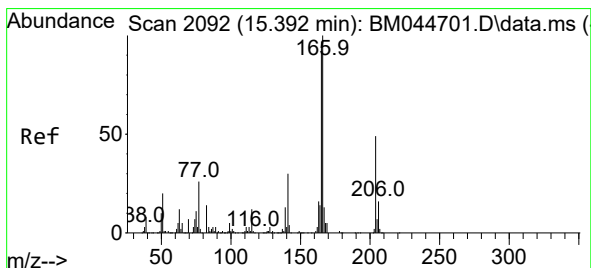
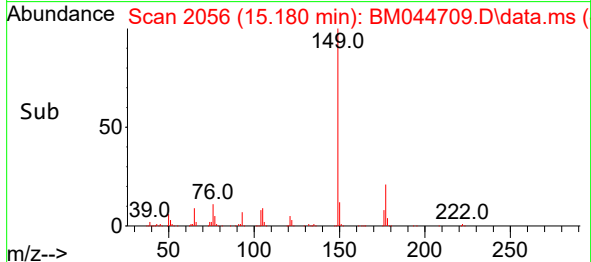
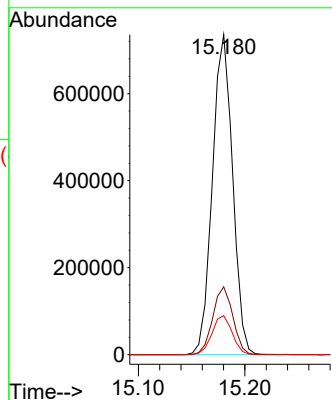
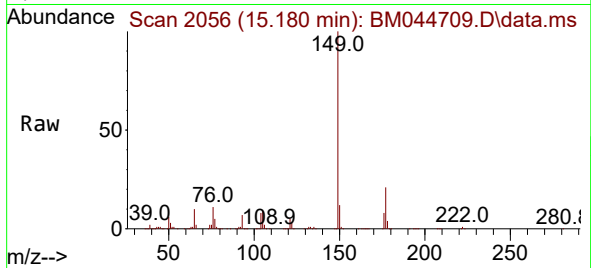




#59
Diethylphthalate
Concen: 29.142 ng/ul
RT: 15.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

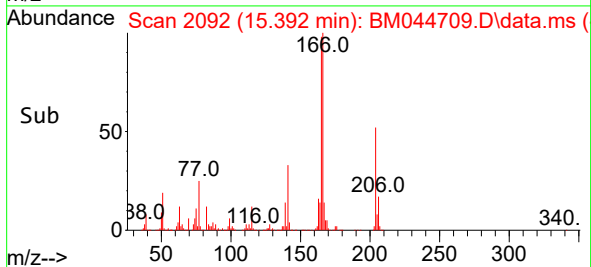
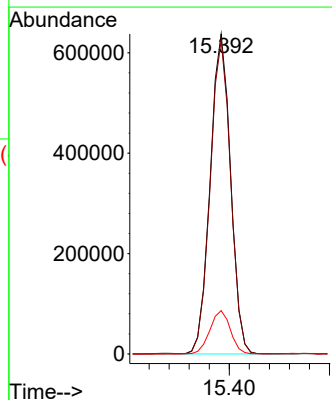
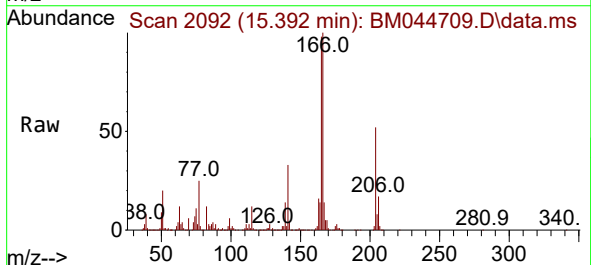
Instrument :
BNA_M
ClientSampleId :

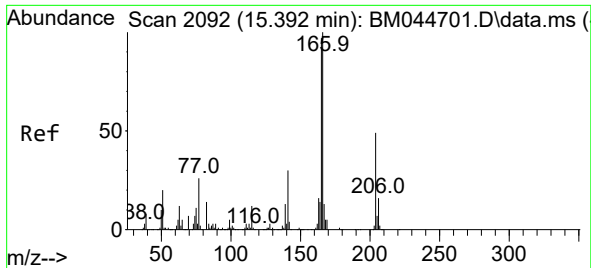
Tgt Ion:149 Resp: 966510
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.2 9.9 14.9



#61
Fluorene
Concen: 30.140 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:166 Resp: 902377
Ion Ratio Lower Upper
166 100
165 98.1 77.3 115.9
167 13.6 10.6 16.0

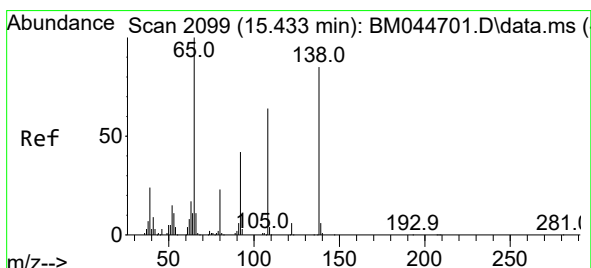
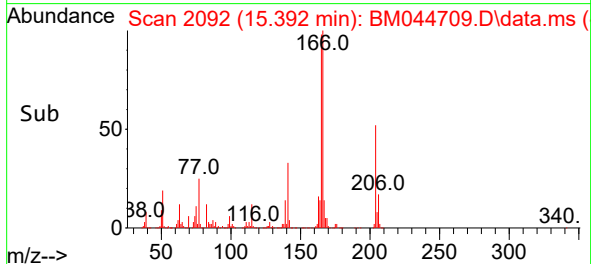
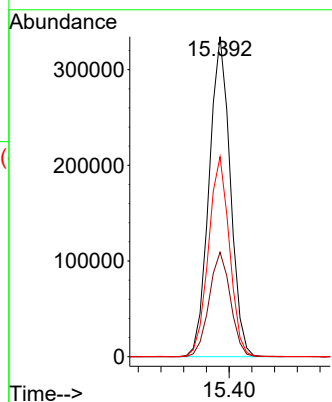
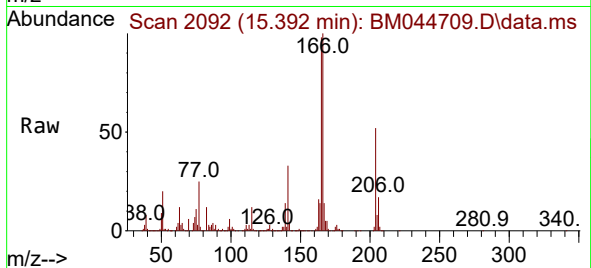




#62
4-Chlorophenyl-phenylether
Concen: 31.164 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

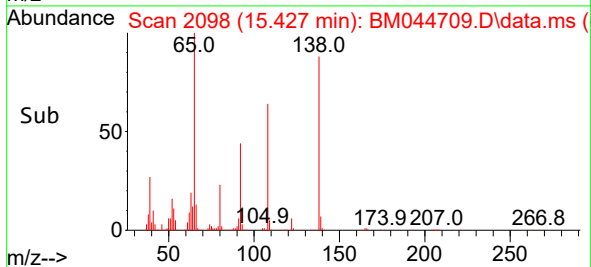
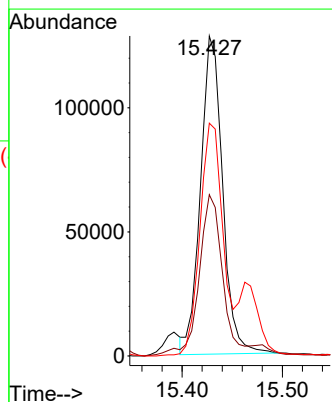
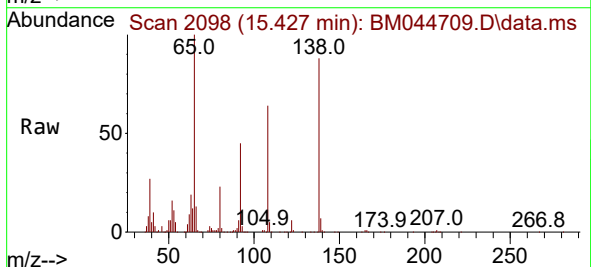
Instrument :
BNA_M
ClientSampleId :

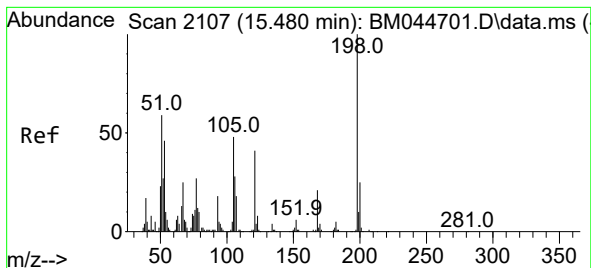
Tgt Ion:204 Resp: 433044
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 62.5 50.3 75.5



#63
4-Nitroaniline
Concen: 29.751 ng/ul
RT: 15.427 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:138 Resp: 196055
Ion Ratio Lower Upper
138 100
92 50.4 39.8 59.8
108 72.8 54.6 82.0

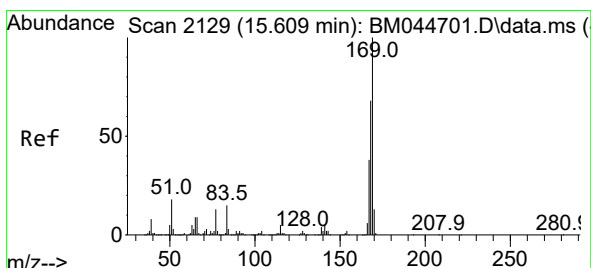
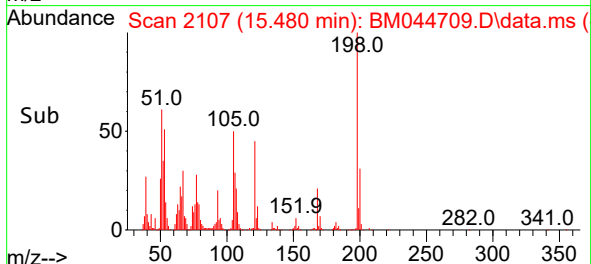
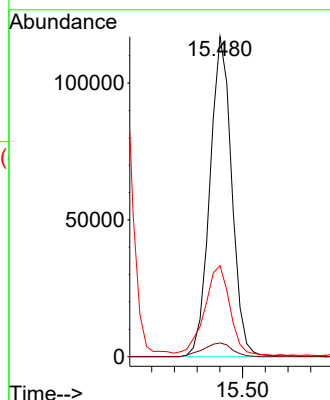
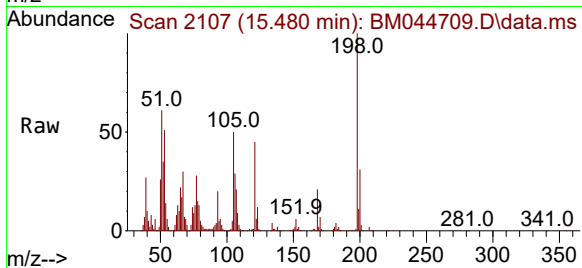




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.086 ng/ul
 RT: 15.480 min Scan# 2107
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

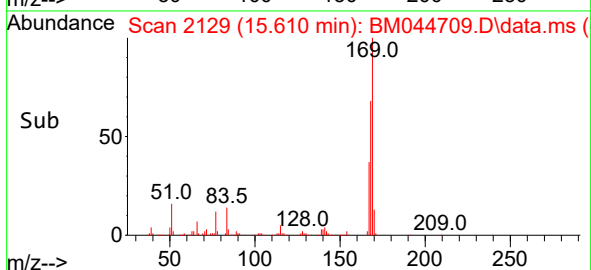
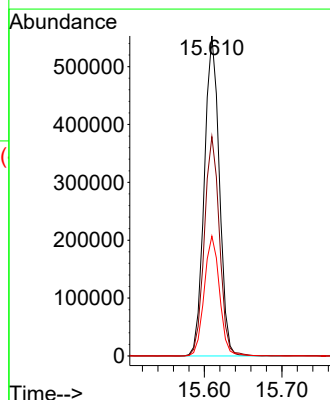
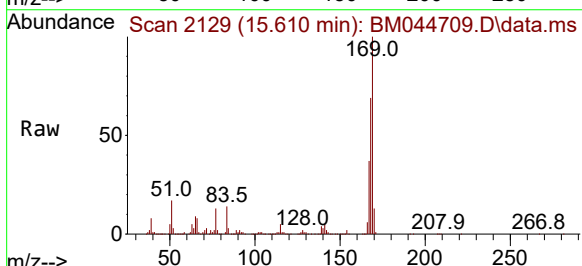
Instrument :
 BNA_M
 ClientSampleId :

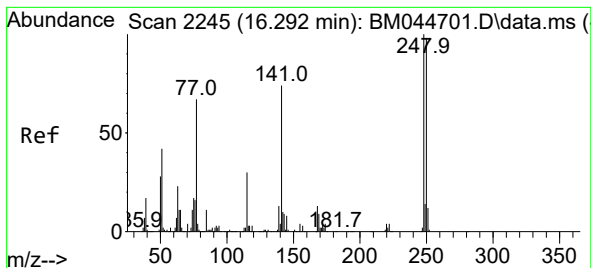
Tgt Ion:198 Resp: 156173
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.3 4.9
 77 28.5 21.0 31.4



#67
 N-Nitrosodiphenylamine
 Concen: 33.043 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

Tgt Ion:169 Resp: 744734
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.3 81.5
 167 37.4 29.4 44.0

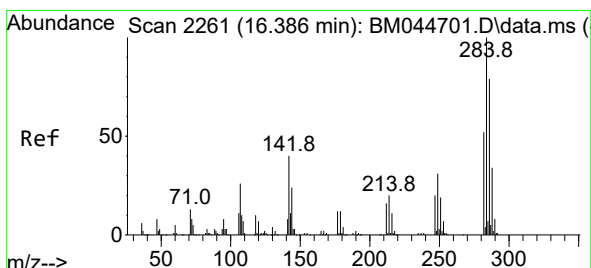
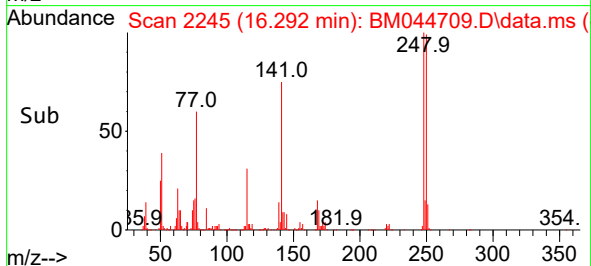
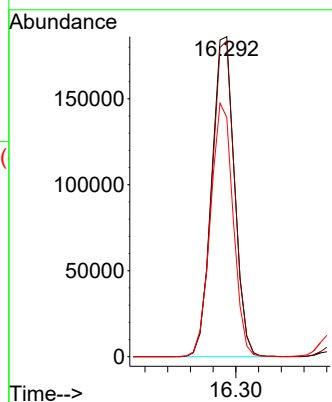
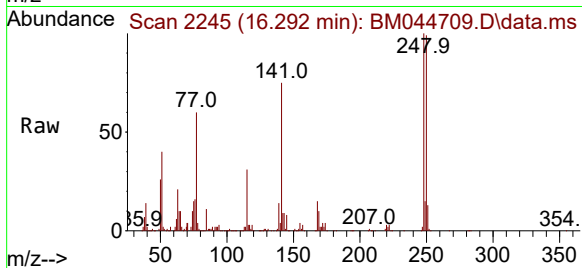




#68
4-Bromophenyl-phenylether
Concen: 34.534 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

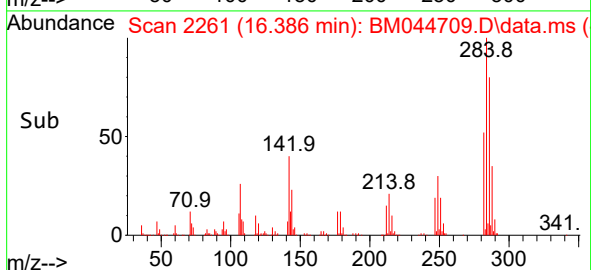
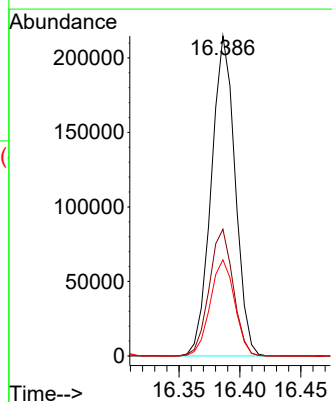
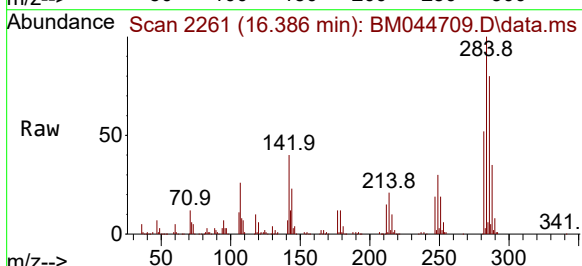
Instrument :
BNA_M
ClientSampleId :

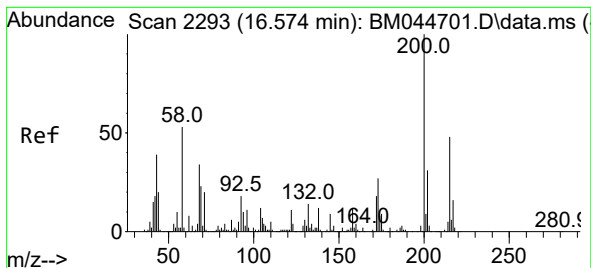
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	74.8	65.4	98.2



#69
Hexachlorobenzene
Concen: 34.382 ng/ul
RT: 16.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	33.7	50.5
249	30.1	24.8	37.2





#70

Atrazine

Concen: 11.931 ng/ul

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

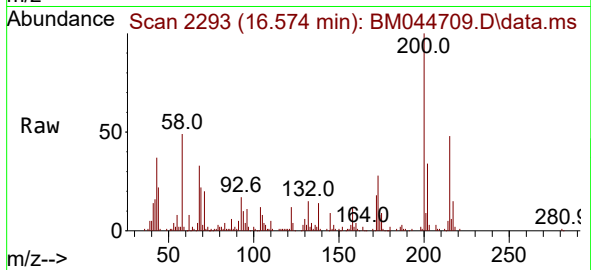
Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

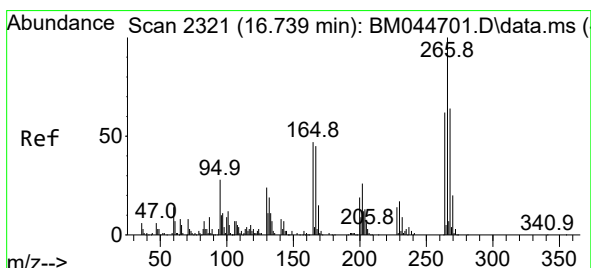
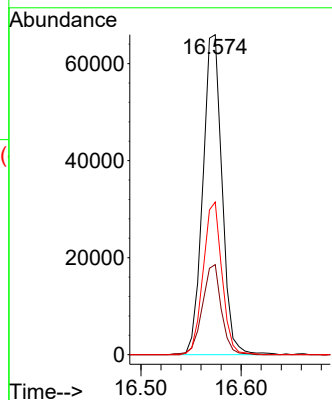
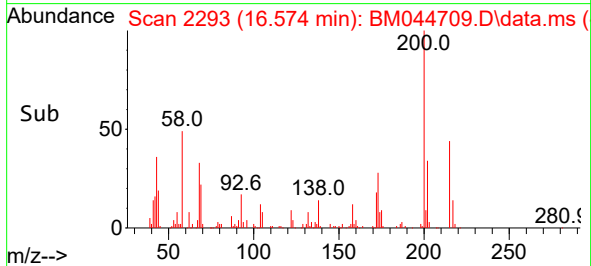
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	87872
Ion Ratio	Lower	Upper	
200	100		
173	28.1	22.4	33.6
215	47.7	38.9	58.3



#71

Pentachlorophenol

Concen: 27.666 ng/ul

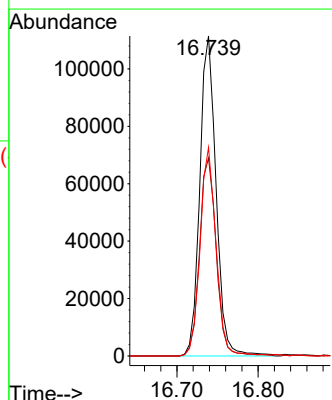
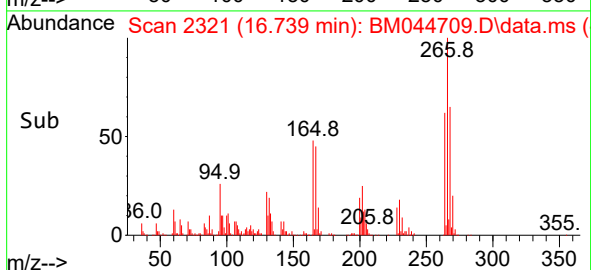
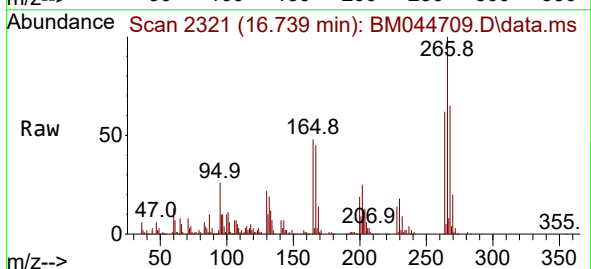
RT: 16.739 min Scan# 2321

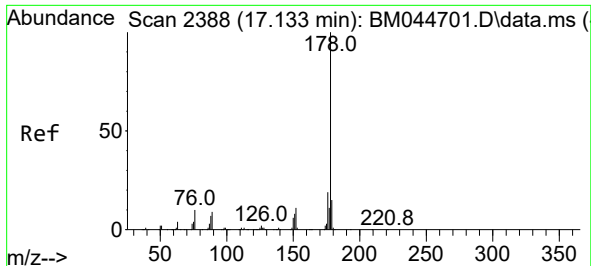
Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Tgt Ion:	266	Resp:	155748
Ion Ratio	Lower	Upper	
266	100		
264	61.8	51.0	76.4
268	65.2	52.6	78.8

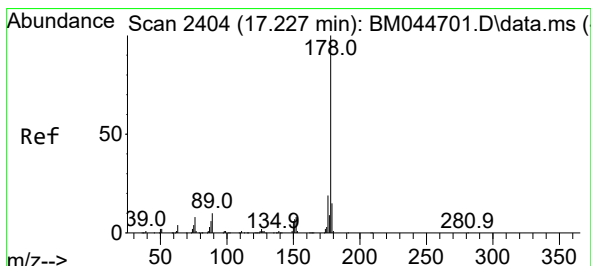
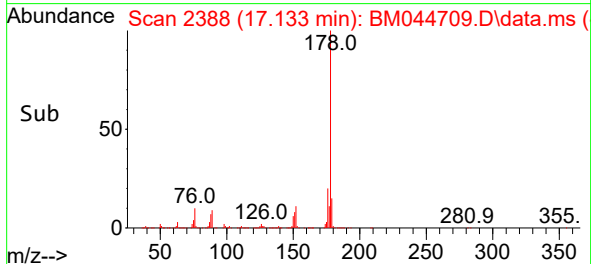
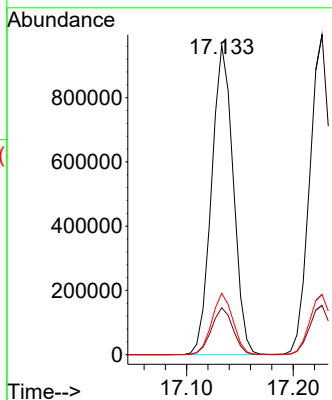
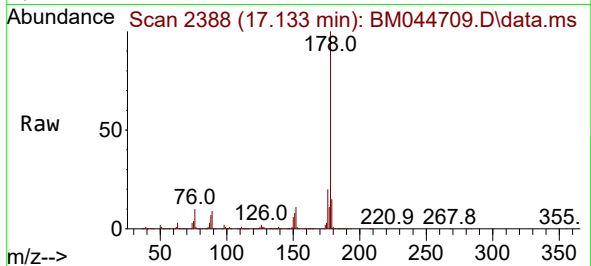




#72
Phenanthrene
Concen: 31.985 ng/ul
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

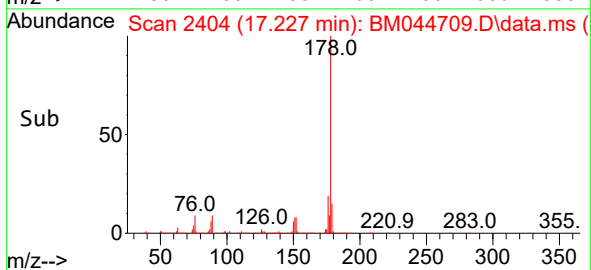
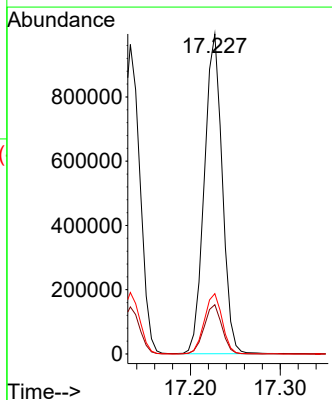
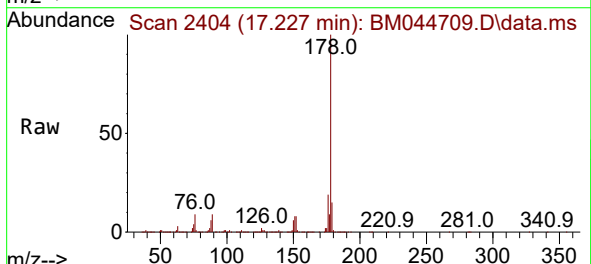
Instrument :
BNA_M
ClientSampleId :

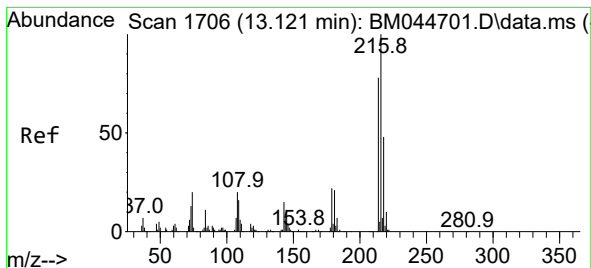
Tgt Ion:178 Resp: 1357803
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.9 15.4 23.2



#74
Anthracene
Concen: 32.069 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:178 Resp: 1376813
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.9 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.682 ng/uL

RT: 13.121 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

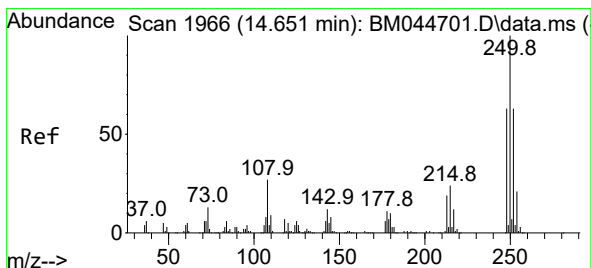
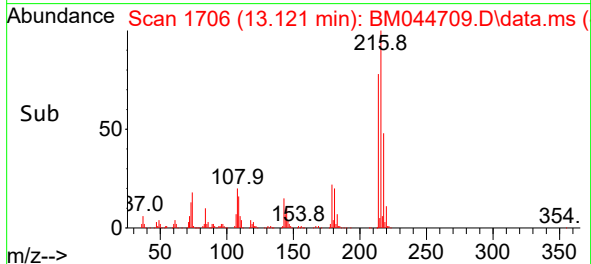
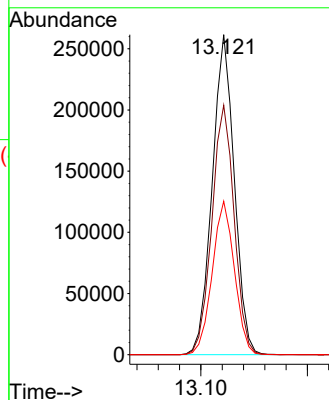
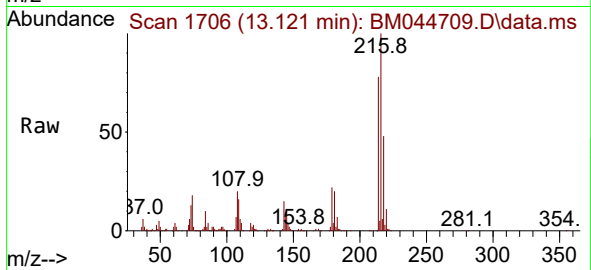
Tgt Ion:216 Resp: 376644

Ion Ratio Lower Upper

216 100

214 77.9 62.9 94.3

218 48.0 38.6 57.8



#76

Pentachlorobenzene

Concen: 36.739 ng/uL

RT: 14.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

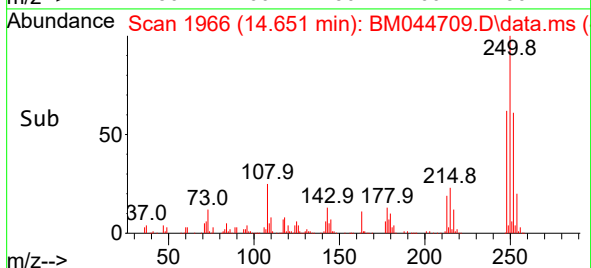
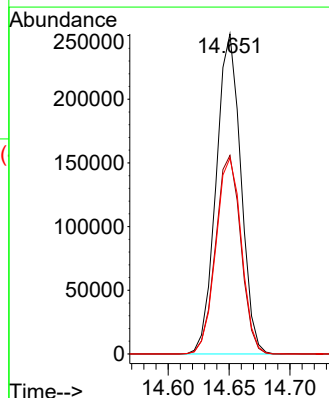
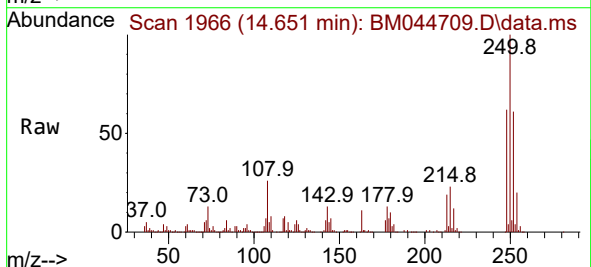
Tgt Ion:250 Resp: 355026

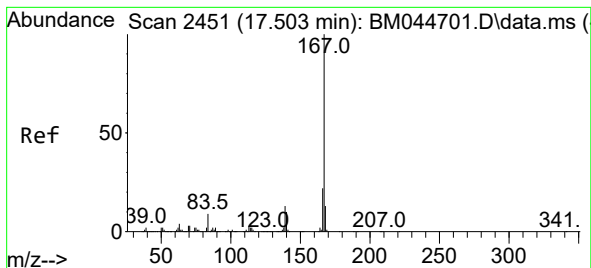
Ion Ratio Lower Upper

250 100

248 62.1 50.1 75.1

252 61.2 50.6 75.8





#77

Carbazole

Concen: 31.311 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

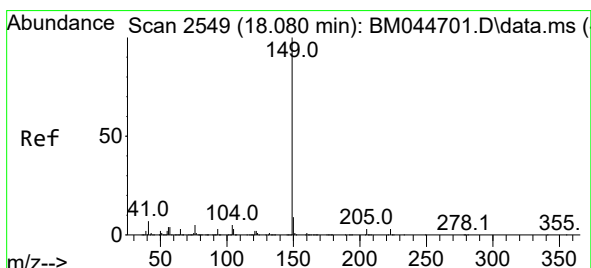
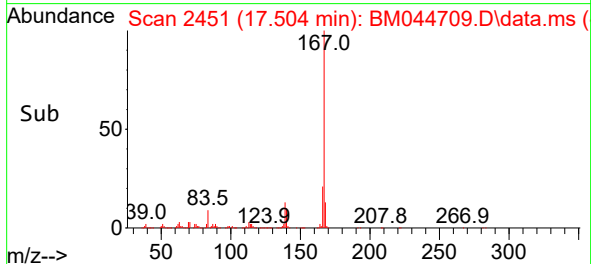
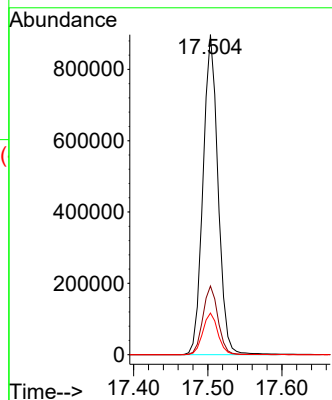
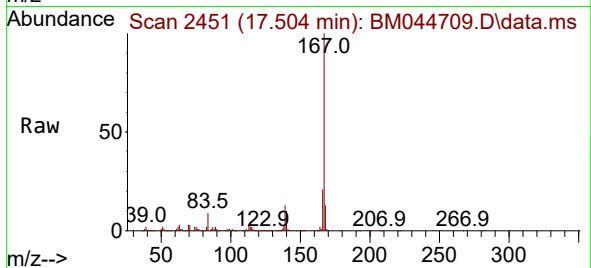
Tgt Ion:167 Resp: 1263204

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.0 10.4 15.6



#78

Di-n-butylphthalate

Concen: 30.146 ng/ul

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

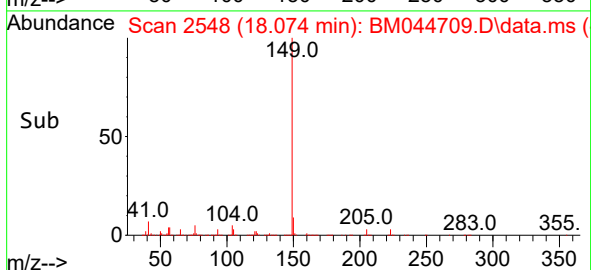
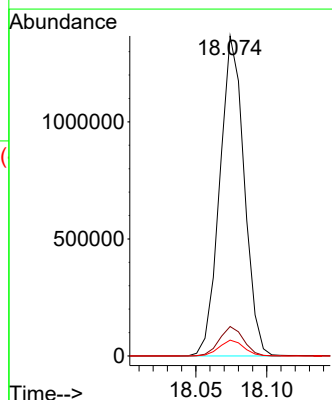
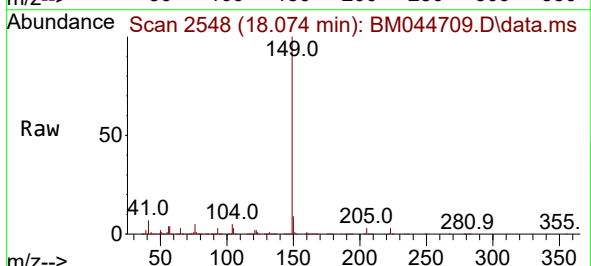
Tgt Ion:149 Resp: 1635877

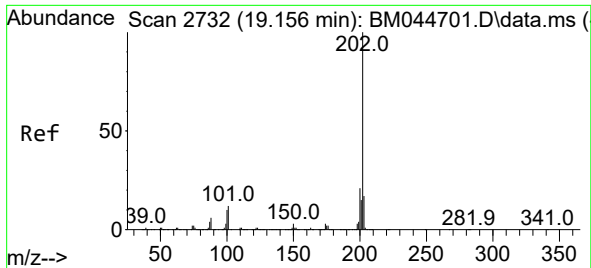
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.9 3.8 5.6

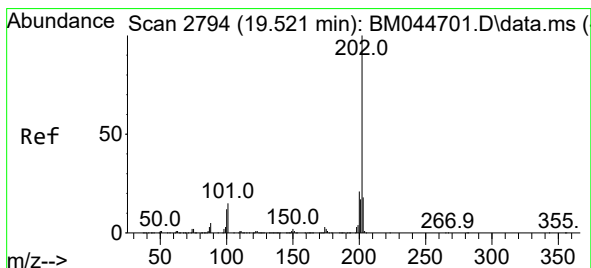
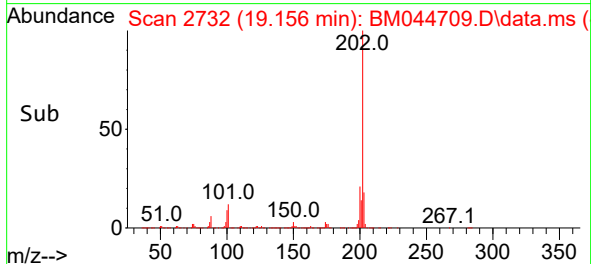
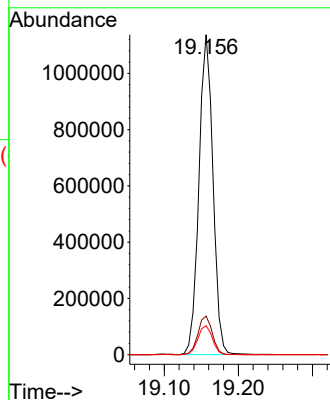
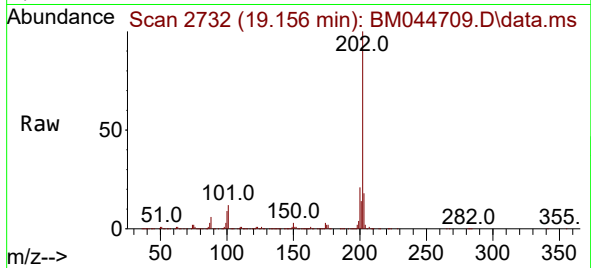




#80
Fluoranthene
Concen: 31.833 ng/ul
RT: 19.156 min Scan# 2732
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

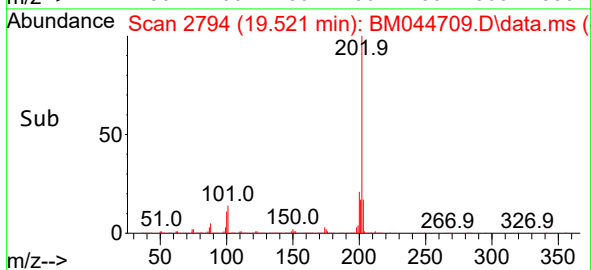
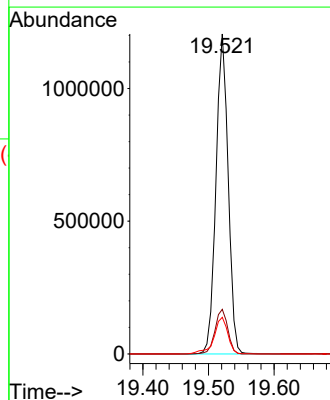
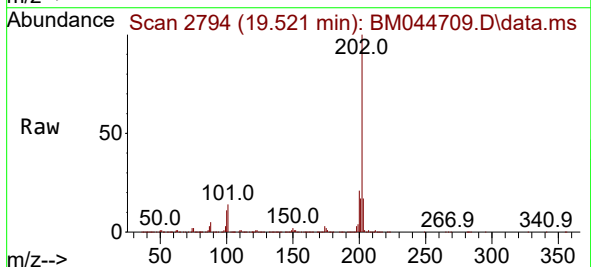
Instrument :
BNA_M
ClientSampleId :

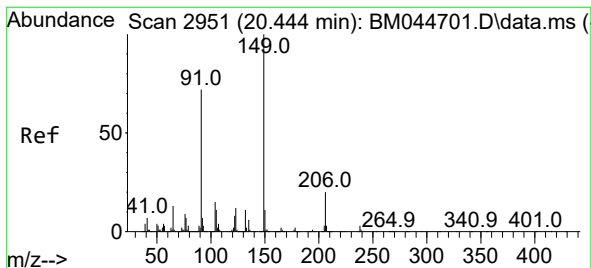
Tgt Ion:202 Resp: 1492565
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.0 8.2 12.2



#82
Pyrene
Concen: 31.813 ng/ul
RT: 19.521 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:202 Resp: 1552945
Ion Ratio Lower Upper
202 100
101 14.0 12.5 18.7
100 11.4 10.0 15.0





#83

Butylbenzylphthalate

Concen: 29.689 ng/ul

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

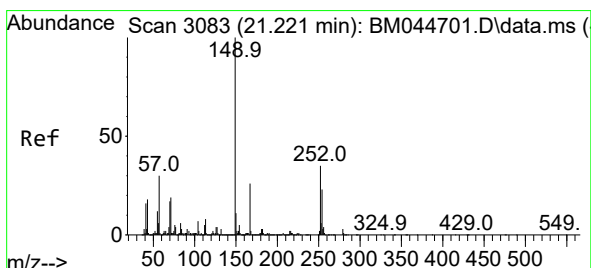
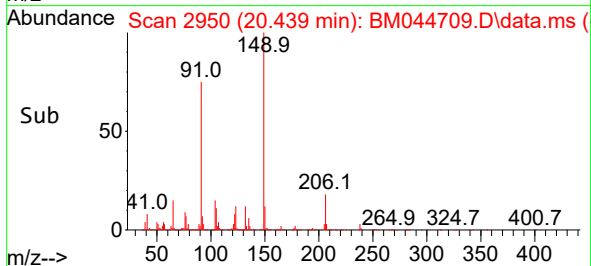
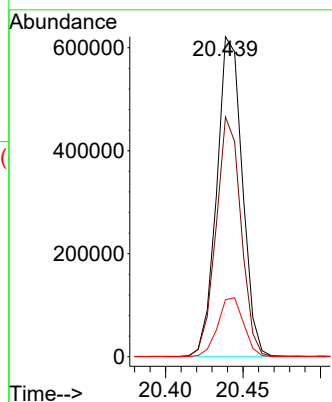
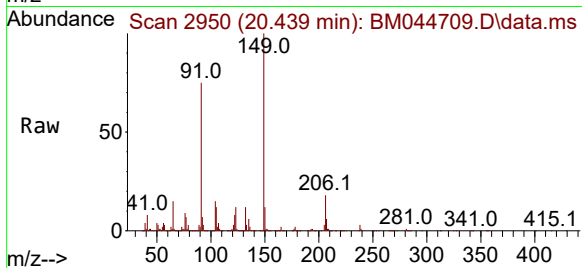
Tgt Ion:149 Resp: 712618

Ion Ratio Lower Upper

149 100

91 74.9 55.9 83.9

206 17.8 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 31.575 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

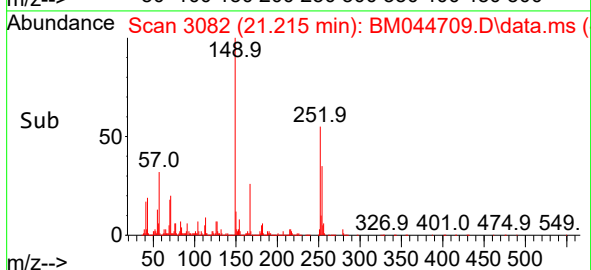
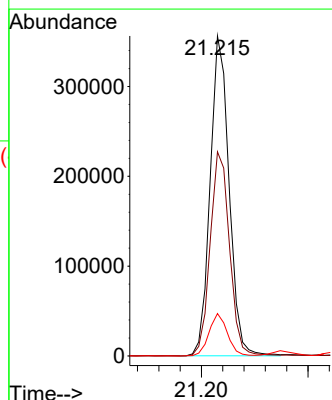
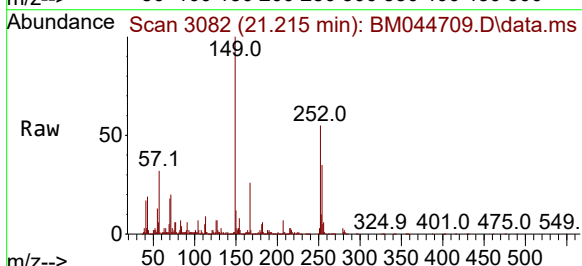
Tgt Ion:252 Resp: 438446

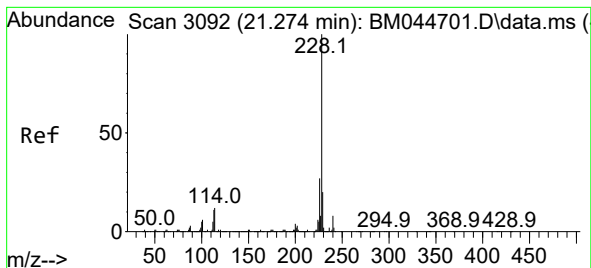
Ion Ratio Lower Upper

252 100

254 63.8 51.6 77.4

126 13.3 11.1 16.7





#85

Benzo(a)anthracene

Concen: 31.175 ng/ul

RT: 21.274 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

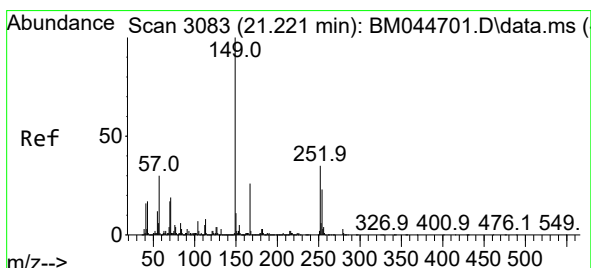
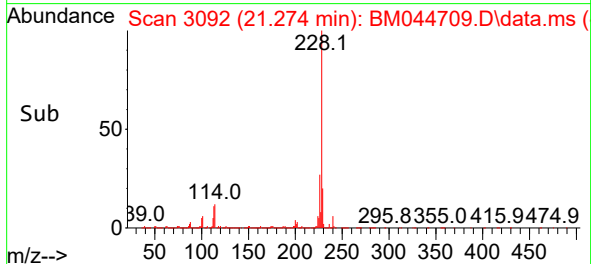
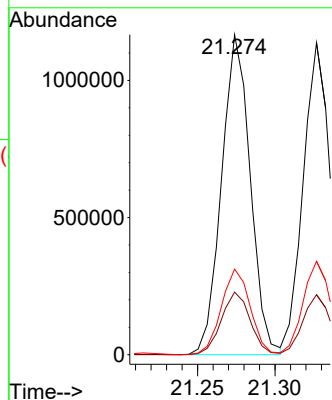
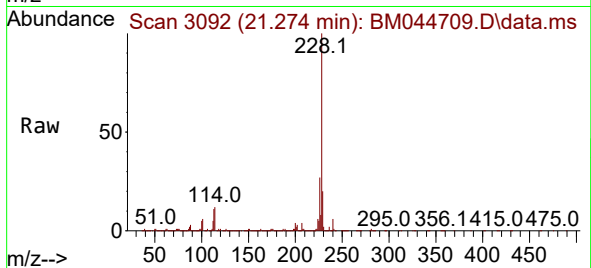
Tgt Ion:228 Resp: 1502819

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.8

226 26.8 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.622 ng/ul

RT: 21.221 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

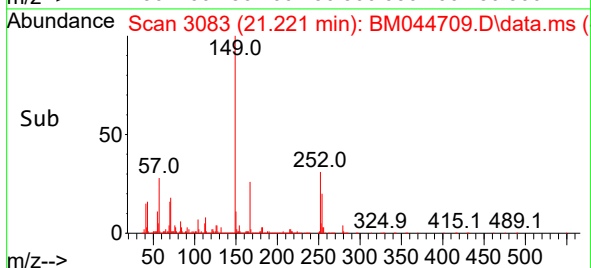
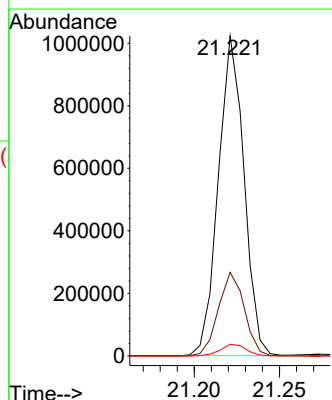
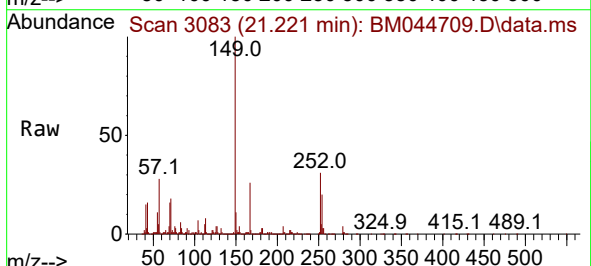
Tgt Ion:149 Resp: 1071673

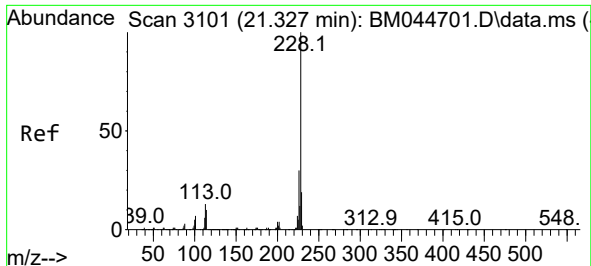
Ion Ratio Lower Upper

149 100

167 26.2 22.1 33.1

279 3.6 2.6 4.0

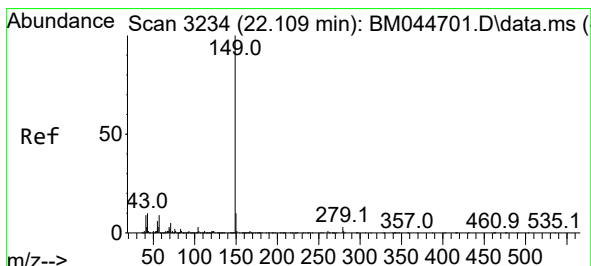
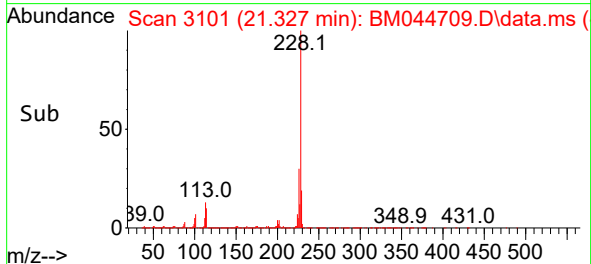
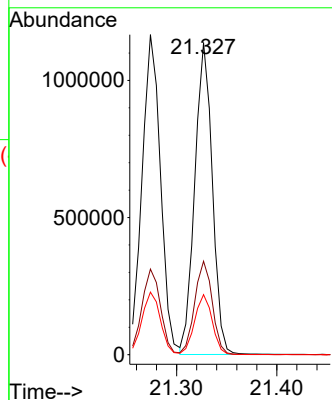
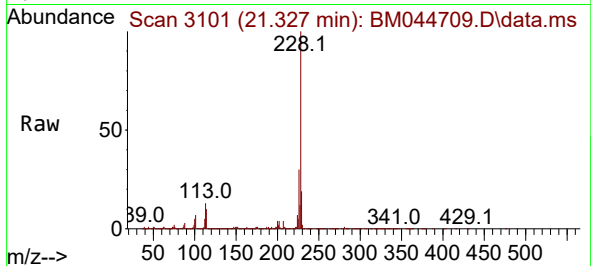




#87
Chrysene
Concen: 31.058 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

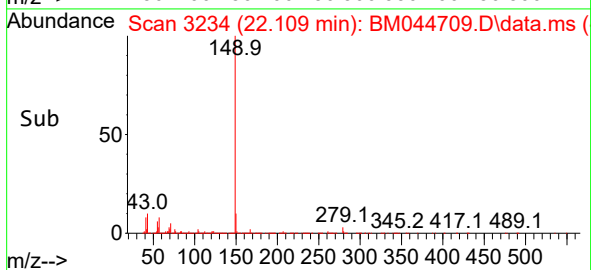
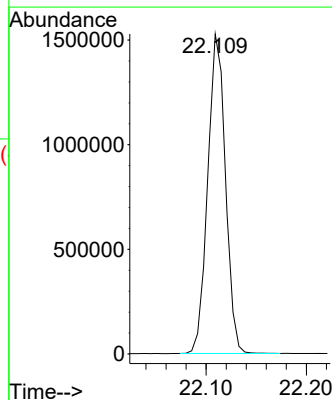
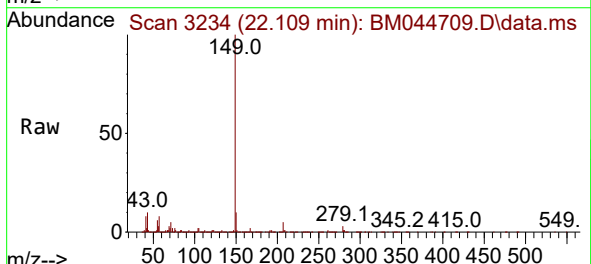
Instrument :
BNA_M
ClientSampleId :

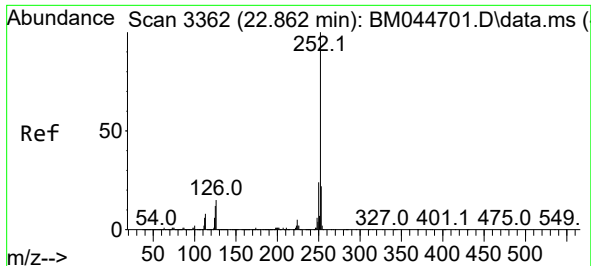
Tgt Ion:228 Resp: 1386140
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.3 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 28.479 ng/ul
RT: 22.109 min Scan# 3234
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:149 Resp: 1880673

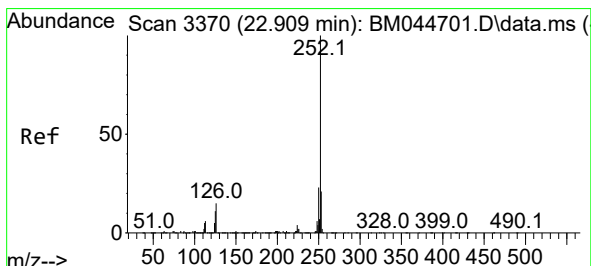
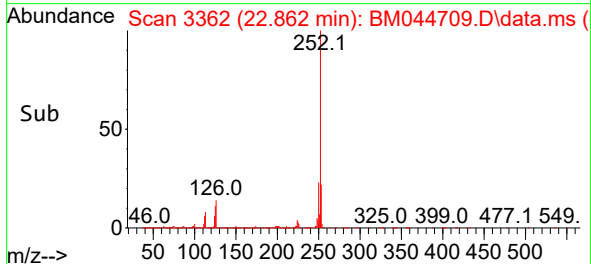
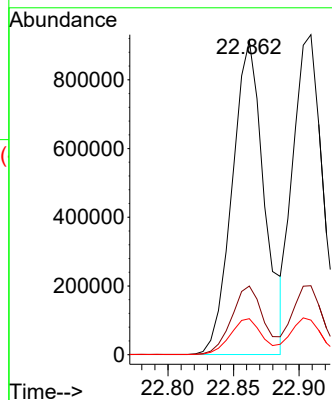
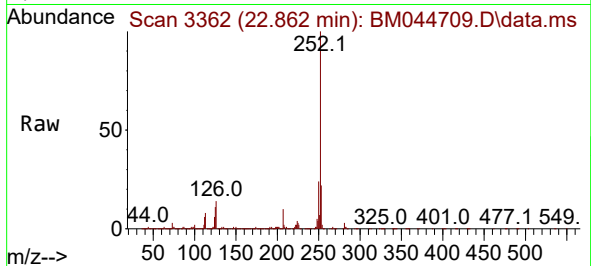




#90
Benzo(b)fluoranthene
Concen: 31.467 ng/ul
RT: 22.862 min Scan# 3362
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

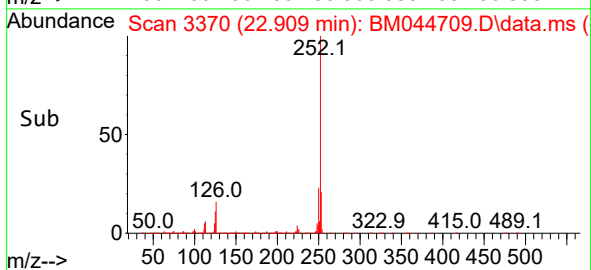
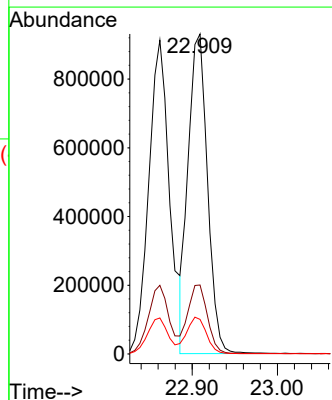
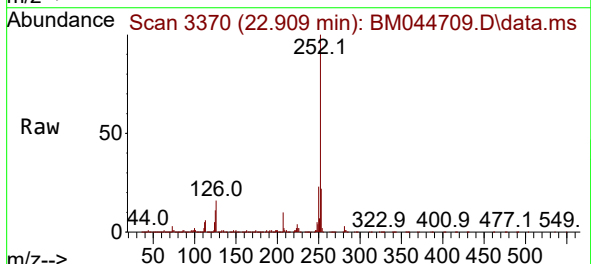
Instrument :
BNA_M
ClientSampleId :

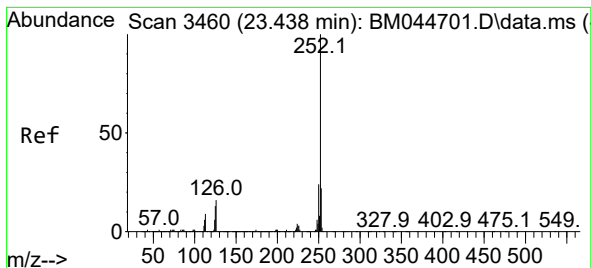
Tgt Ion:252 Resp: 1553672
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.5 9.3 13.9



#91
Benzo(k)fluoranthene
Concen: 30.211 ng/ul
RT: 22.909 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM044709.D
Acq: 21 Mar 2024 20:31

Tgt Ion:252 Resp: 1460970
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.8 10.0 15.0





#93

Benzo(a)pyrene

Concen: 31.214 ng/ul

RT: 23.438 min Scan# 3460

Delta R.T. -0.006 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

Instrument :

BNA_M

ClientSampleId :

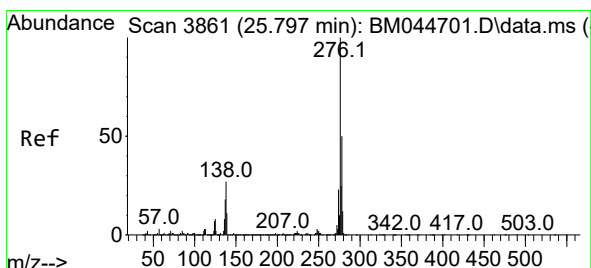
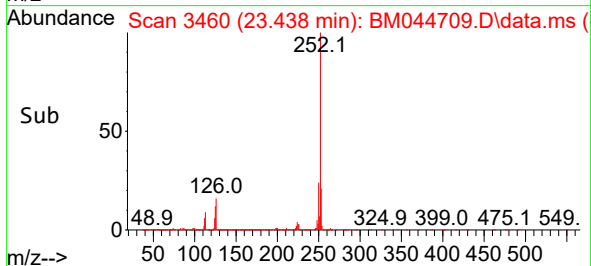
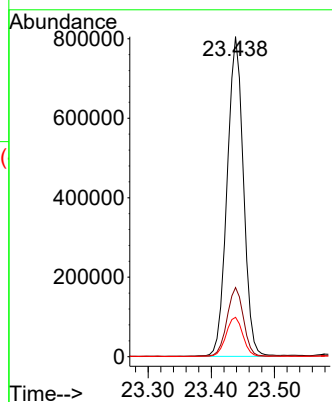
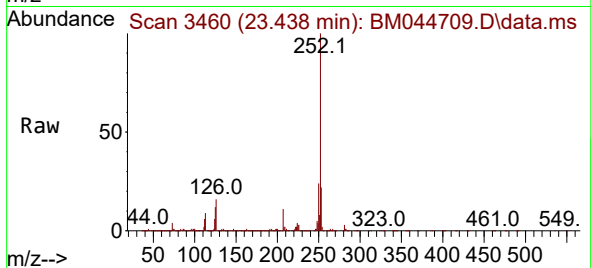
Tgt Ion:252 Resp: 1441699

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.3 10.9 16.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.677 ng/ul

RT: 25.797 min Scan# 3861

Delta R.T. -0.012 min

Lab File: BM044709.D

Acq: 21 Mar 2024 20:31

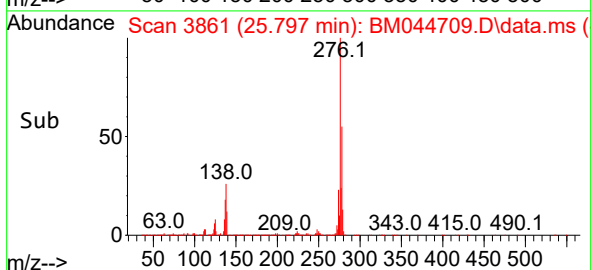
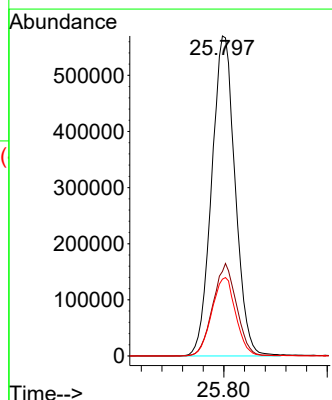
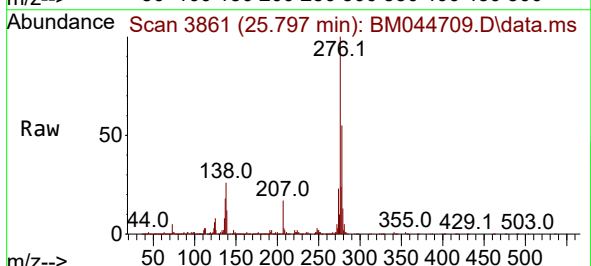
Tgt Ion:276 Resp: 1796479

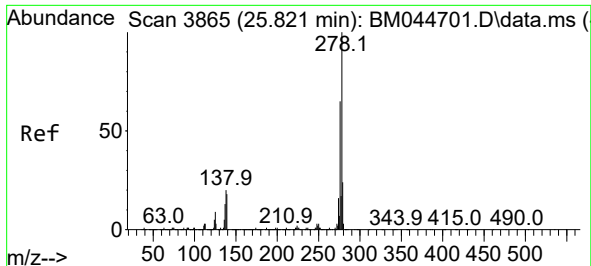
Ion Ratio Lower Upper

276 100

138 26.4 23.1 34.7

277 24.0 19.7 29.5

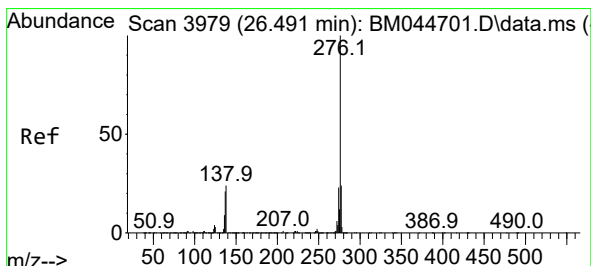
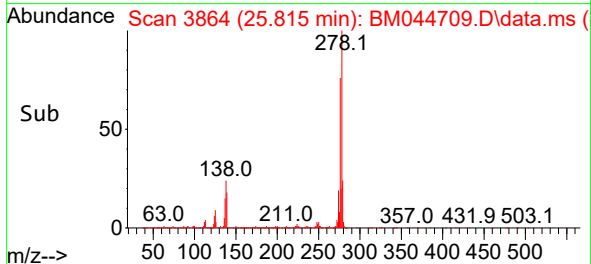
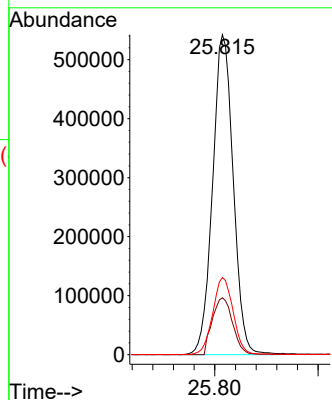
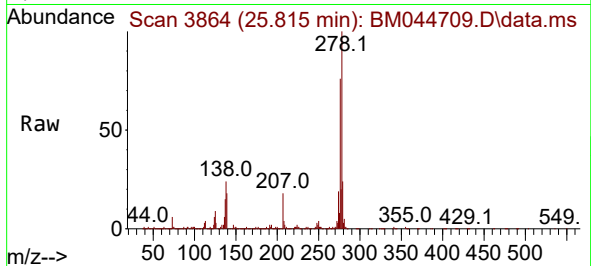




#95
 Dibenzo(a,h)anthracene
 Concen: 34.824 ng/ul
 RT: 25.815 min Scan# 3864
 Delta R.T. -0.012 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1504246
 Ion Ratio Lower Upper
 278 100
 139 17.8 15.8 23.6
 279 24.1 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 35.003 ng/ul
 RT: 26.485 min Scan# 3978
 Delta R.T. -0.018 min
 Lab File: BM044709.D
 Acq: 21 Mar 2024 20:31

Tgt Ion:276 Resp: 1447046
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.8 31.2
 277 23.2 19.0 28.4

