

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044963.D
 Acq On : 06 Apr 2024 10:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 01:40:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:56:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	73016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	319438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	205017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	413638	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	410621	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	483322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	16372	8.373	ng/uL	0.00
4) Pyridine-d5	3.610	84	104941	19.736	ng/ul	0.00
7) Phenol-d5	6.816	99	132469	21.401	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	80320	21.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	111890	23.073	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	102795	21.216	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	53243	21.699	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	57055	22.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	106200	22.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	152212	20.134	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	291905	20.449	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	358674	21.269	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	53810	18.062	ng/ul	0.00
60) Fluorene-d10	15.286	176	266887	20.971	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	48384	19.728	ng/ul	0.00
73) Anthracene-d10	17.145	188	405428	21.788	ng/ul	0.00
81) Pyrene-d10	19.451	212	460355	22.769	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.333	264	513111	21.762	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	18473	9.046	ng/uL	98
5) Pyridine	3.628	79	118446	21.023	ng/ul	97
6) Benzaldehyde	6.798	77	79194	27.599	ng/ul	98
8) Phenol	6.840	94	136628	21.315	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.081	93	110385	22.065	ng/ul	94
12) 2-Chlorophenol	7.198	128	112883	22.183	ng/ul	96
13) 2-Methylphenol	8.081	108	100292	21.197	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	134228	22.496	ng/ul	99
16) Acetophenone	8.463	105	167728	21.293	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.445	70	83428	22.431	ng/ul#	96
18) 4-Methylphenol	8.404	108	111490	21.862	ng/ul	98
19) Hexachloroethane	8.687	117	51191	22.872	ng/ul	99
22) Nitrobenzene	8.840	77	133431	22.165	ng/ul	99
23) Isophorone	9.357	82	233876	21.145	ng/ul	99
25) 2-Nitrophenol	9.539	139	63258	22.006	ng/ul#	92
26) 2,4-Dimethylphenol	9.598	107	119764	21.611	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.845	93	143530	21.890	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	107466	22.401	ng/ul	98
30) Naphthalene	10.457	128	363088	21.472	ng/ul	98
32) 4-Chloroaniline	10.586	127	148176	20.143	ng/ul	99
33) Hexachlorobutadiene	10.728	225	64953	21.776	ng/ul	92
34) Caprolactam	11.386	113	17377	10.729	ng/ul	93
35) 4-Chloro-3-methylphenol	11.716	107	105528	22.128	ng/ul	100
36) 2-Methylnaphthalene	12.080	142	242491	21.963	ng/ul	98

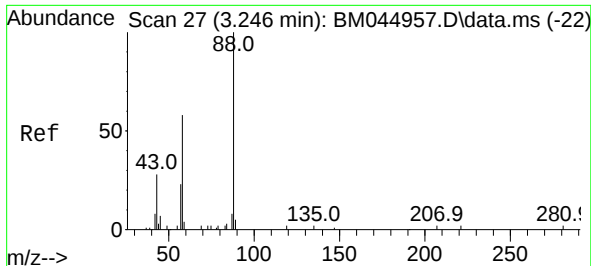
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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 Quant Title : SVOA CALIBRATION
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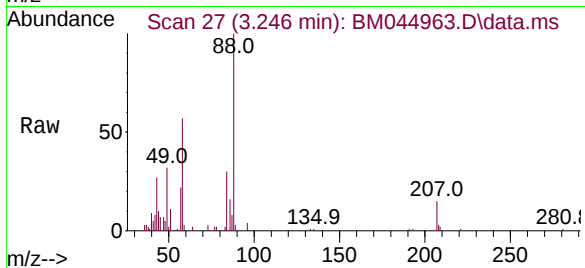
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	241248	21.592	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	123020	21.941	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	65063	19.169	ng/ul	100
41) 2,4,6-Trichlorophenol	12.704	196	81107	22.175	ng/ul	98
42) 2,4,5-Trichlorophenol	12.780	196	87228	21.645	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	309543	21.381	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	252704	21.485	ng/ul	99
45) 2-Nitroaniline	13.375	65	67026	20.644	ng/ul	94
47) Dimethylphthalate	13.757	163	304367	20.399	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	61252	20.945	ng/ul	95
50) Acenaphthylene	14.004	152	421182	21.384	ng/ul	99
51) 3-Nitroaniline	14.216	138	63949	20.047	ng/ul	97
52) Acenaphthene	14.351	153	279959	21.302	ng/ul	98
53) 2,4-Dinitrophenol	14.433	184	29378	16.897	ng/ul	96
55) 4-Nitrophenol	14.527	109	46601	17.786	ng/ul	88
56) Dibenzofuran	14.686	168	375894	20.901	ng/ul	100
57) 2,4-Dinitrotoluene	14.680	165	89792	20.512	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	73513	21.314	ng/ul	94
59) Diethylphthalate	15.127	149	309818	20.354	ng/ul	98
61) Fluorene	15.339	166	310658	20.495	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	148002	20.831	ng/ul	95
63) 4-Nitroaniline	15.386	138	53025	18.283	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.439	198	51832	19.734	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	247966	22.222	ng/ul	97
68) 4-Bromophenyl-phenylether	16.239	248	91256	22.652	ng/ul	98
69) Hexachlorobenzene	16.339	284	114533	21.856	ng/ul	99
70) Atrazine	16.527	200	83926	20.447	ng/ul	98
71) Pentachlorophenol	16.692	266	63740	20.024	ng/ul	99
72) Phenanthrene	17.086	178	477253	21.441	ng/ul	99
74) Anthracene	17.174	178	492095	21.612	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	123395	23.669	ng/uL	97
76) Pentachlorobenzene	14.598	250	129345	23.318	ng/uL	99
77) Carbazole	17.457	167	441419	20.105	ng/ul	99
78) Di-n-butylphthalate	18.027	149	538609	21.753	ng/ul	100
80) Fluoranthene	19.115	202	546548	22.919	ng/ul	99
82) Pyrene	19.480	202	587067	22.813	ng/ul	99
83) Butylbenzylphthalate	20.403	149	244260	22.655	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	192703	21.106	ng/ul	99
85) Benzo(a)anthracene	21.239	228	598547	21.483	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	385993	22.903	ng/ul	99
87) Chrysene	21.292	228	552685	21.279	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	646907	21.273	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	619325	21.985	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	622546	21.957	ng/ul	99
93) Benzo(a)pyrene	23.380	252	591581	21.578	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	743351	20.932	ng/ul	100
95) Dibenzo(a,h)anthracene	25.733	278	615227	20.720	ng/ul	98
96) Benzo(g,h,i)perylene	26.397	276	579761	20.694	ng/ul	99

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

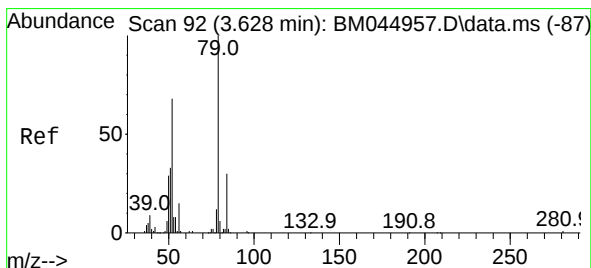
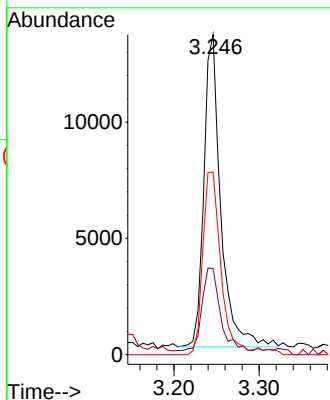
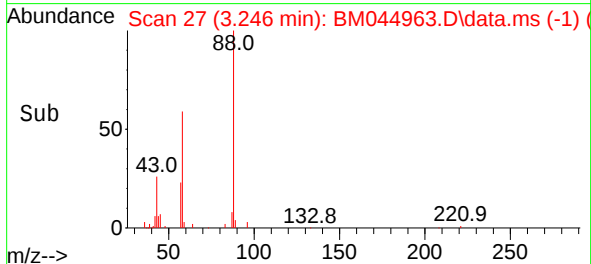


#2
1,4-Dioxane
Concen: 9.046 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

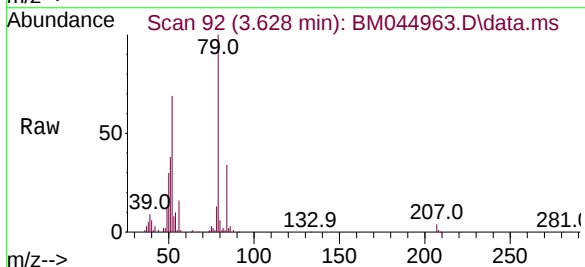
Instrument :
BNA_M
ClientSampleId :



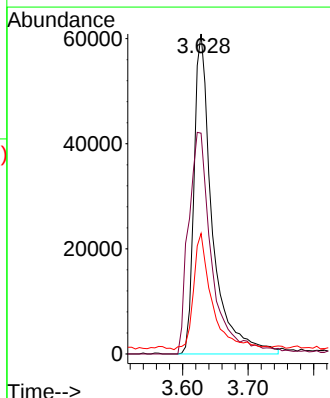
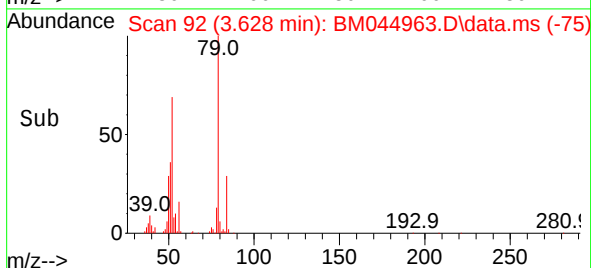
Tgt Ion: 88 Resp: 18473
Ion Ratio Lower Upper
88 100
43 26.9 24.0 36.0
58 57.1 45.4 68.2

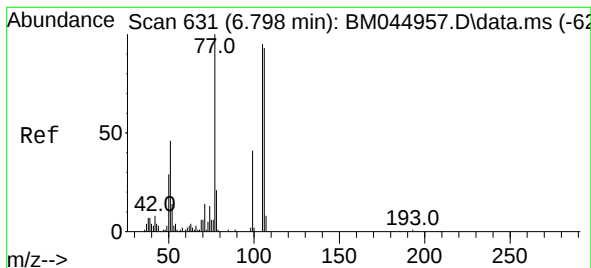


#5
Pyridine
Concen: 21.023 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41



Tgt Ion: 79 Resp: 118446
Ion Ratio Lower Upper
79 100
52 69.0 56.0 84.0
51 37.7 27.6 41.4





#6

Benzaldehyde

Concen: 27.599 ng/ul

RT: 6.798 min Scan# 631

Delta R.T. 0.000 min

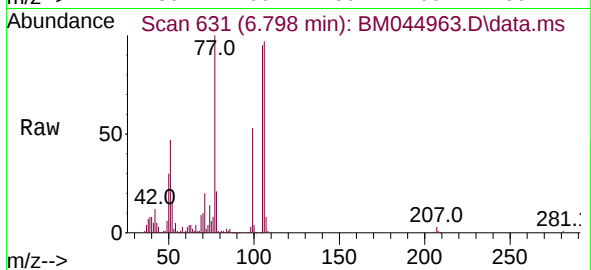
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Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :



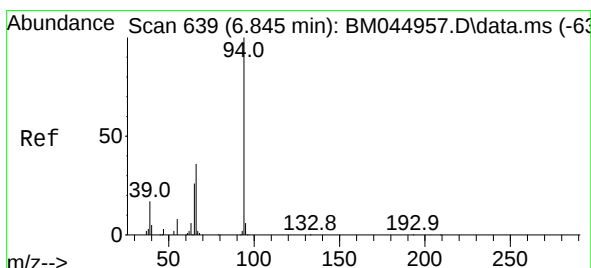
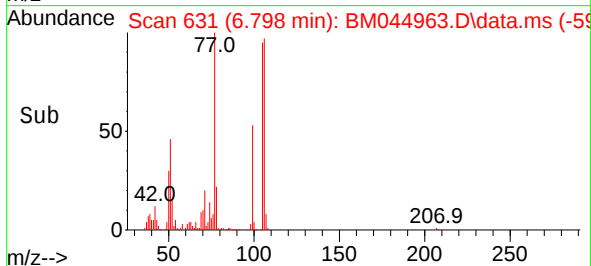
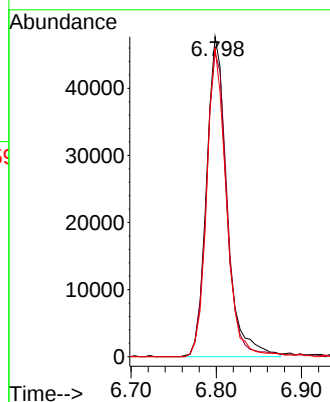
Tgt Ion: 77 Resp: 79194

Ion Ratio Lower Upper

77 100

105 95.1 75.8 113.6

106 96.5 74.6 112.0



#8

Phenol

Concen: 21.315 ng/ul

RT: 6.840 min Scan# 638

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

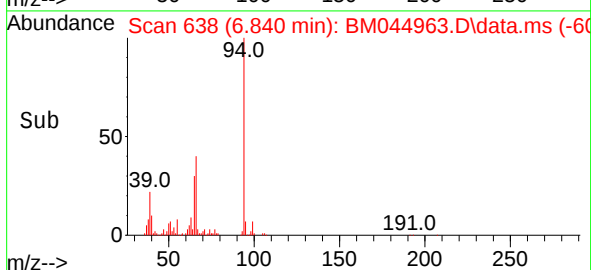
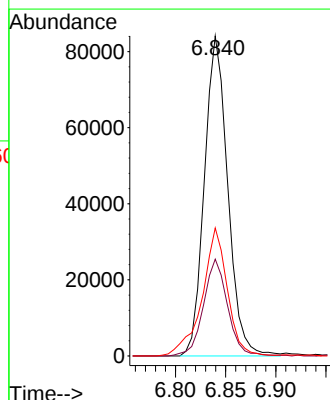
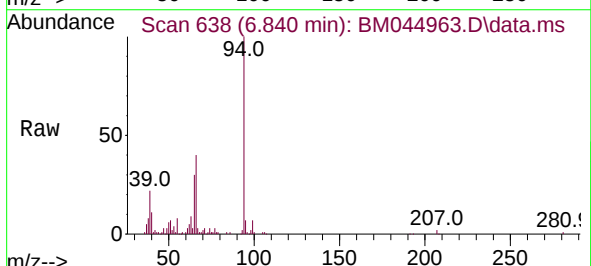
Tgt Ion: 94 Resp: 136628

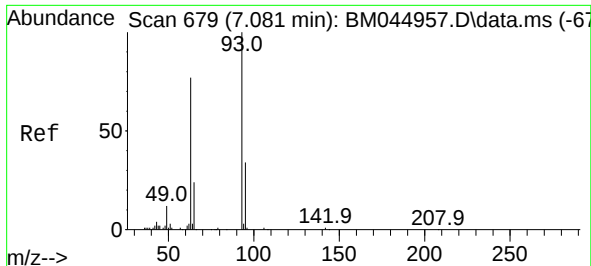
Ion Ratio Lower Upper

94 100

65 30.2 21.7 32.5

66 40.0 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 22.065 ng/ul

RT: 7.081 min Scan# 679

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

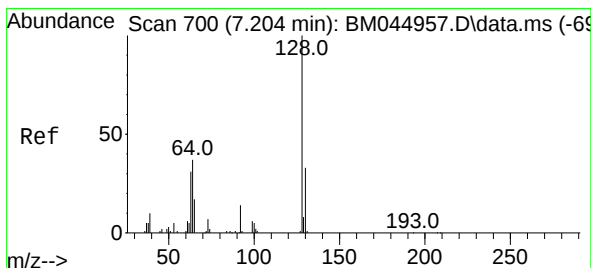
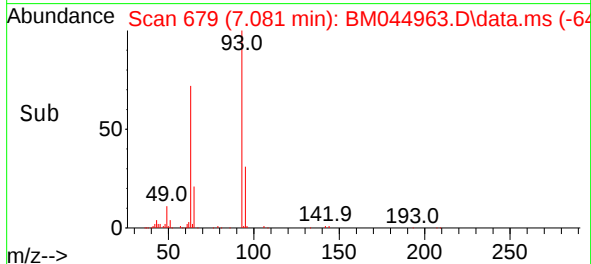
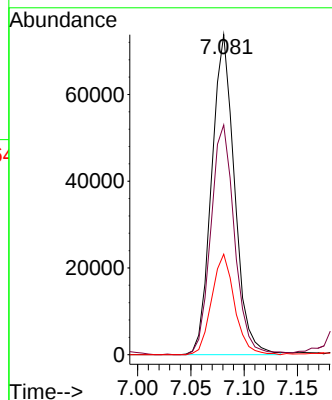
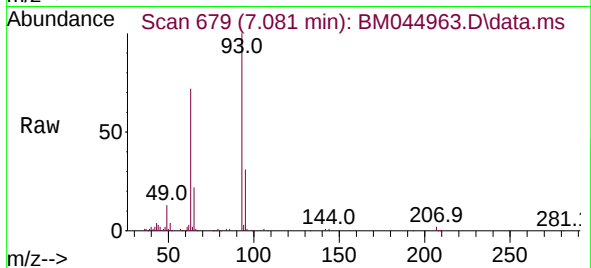
Tgt Ion: 93 Resp: 110385

Ion Ratio Lower Upper

93 100

63 71.8 61.3 91.9

95 31.4 27.6 41.4



#12

2-Chlorophenol

Concen: 22.183 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

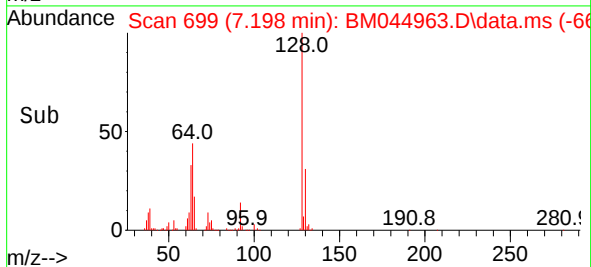
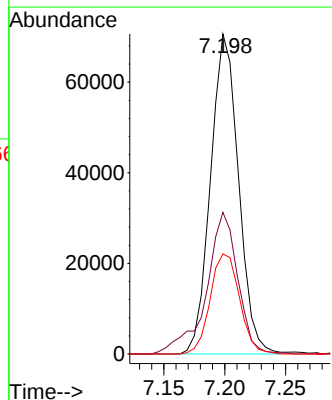
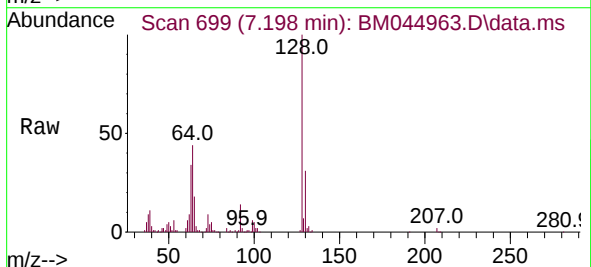
Tgt Ion: 128 Resp: 112883

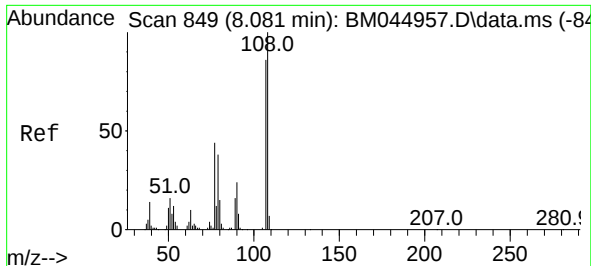
Ion Ratio Lower Upper

128 100

64 44.2 33.3 49.9

130 31.3 26.2 39.4





#13

2-Methylphenol

Concen: 21.197 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

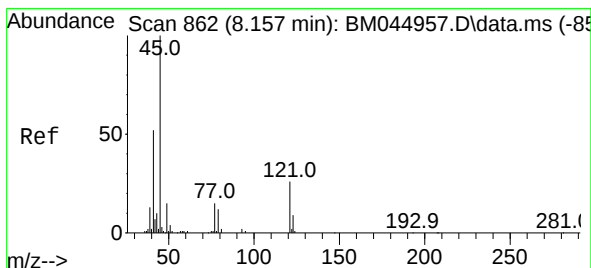
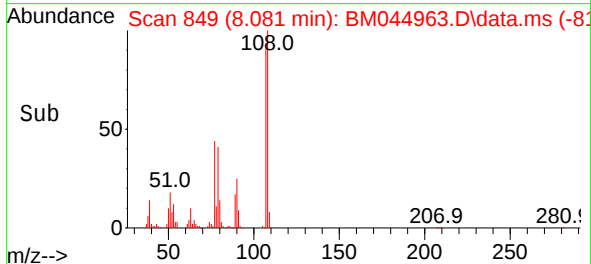
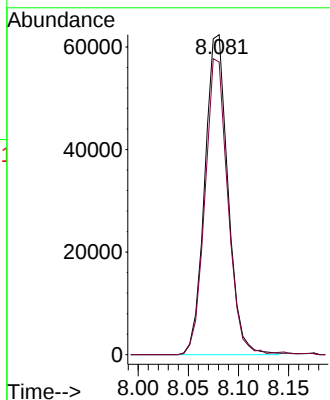
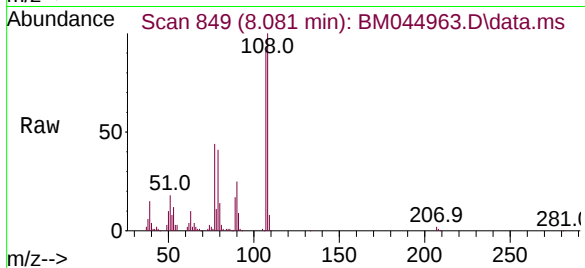
ClientSampleId :

Tgt Ion:108 Resp: 100292

Ion Ratio Lower Upper

108 100

107 91.5 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 22.496 ng/ul

RT: 8.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

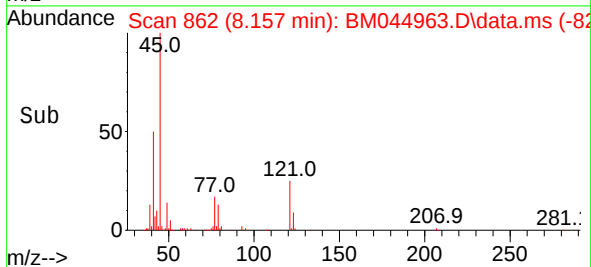
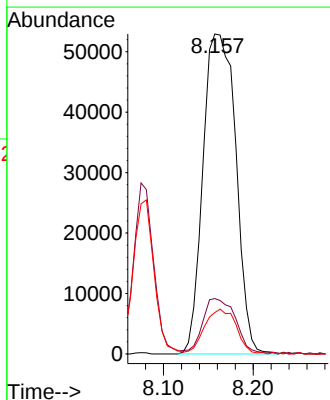
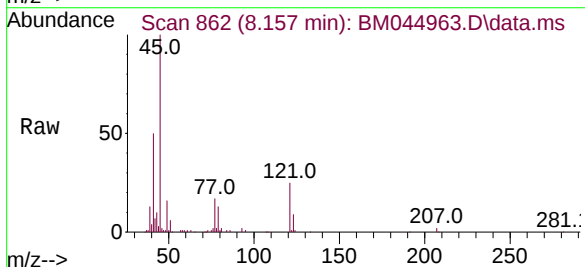
Tgt Ion: 45 Resp: 134228

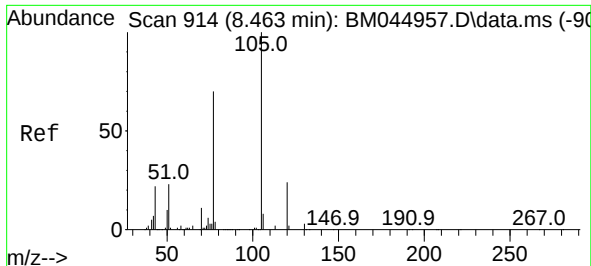
Ion Ratio Lower Upper

45 100

77 17.3 13.4 20.0

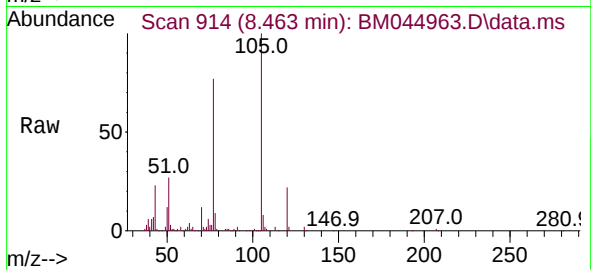
79 12.9 10.1 15.1



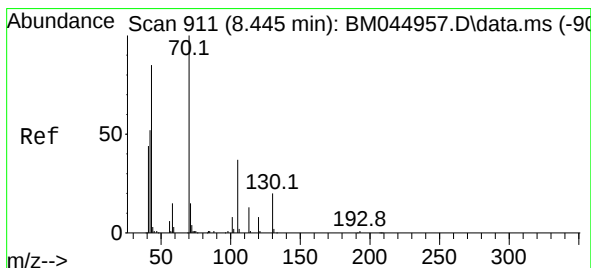
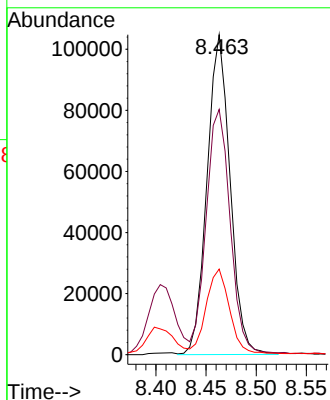
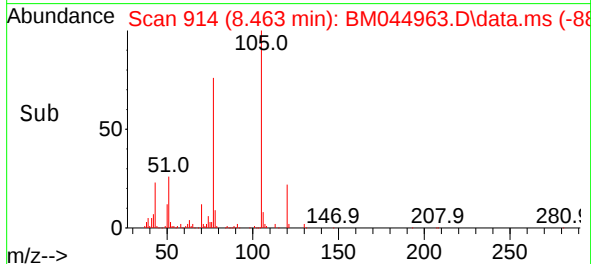


#16
Acetophenone
Concen: 21.293 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

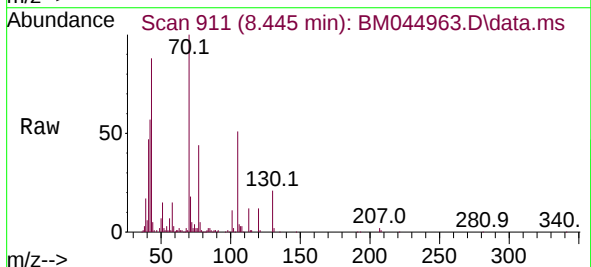
Instrument :
BNA_M
ClientSampleId :



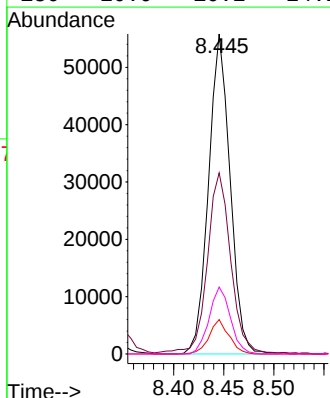
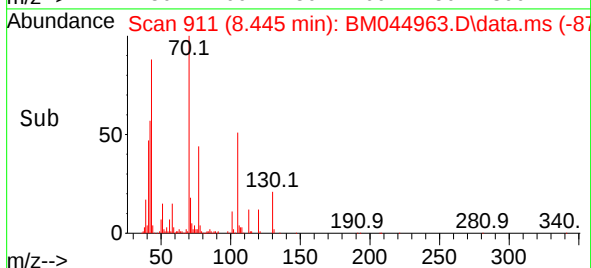
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Ion Ratio Lower Upper
105 100
77 76.6 65.8 98.6
51 26.7 21.9 32.9

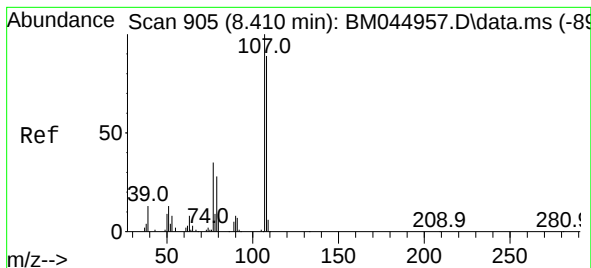


#17
N-Nitroso-di-n-propylamine
Concen: 22.431 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41



Tgt Ion: 70 Resp: 83428
Ion Ratio Lower Upper
70 100
42 56.6 43.2 64.8
101 10.8 6.4 9.6#
130 20.9 16.2 24.2

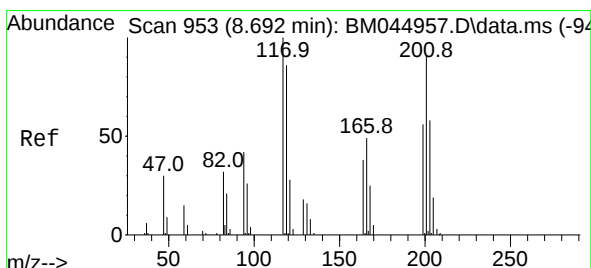
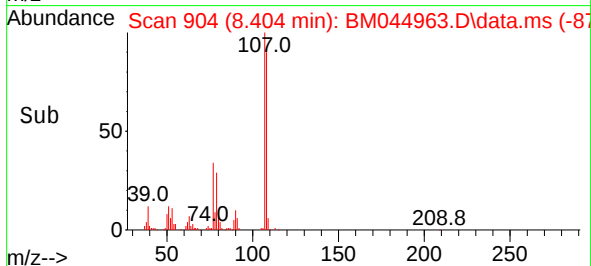
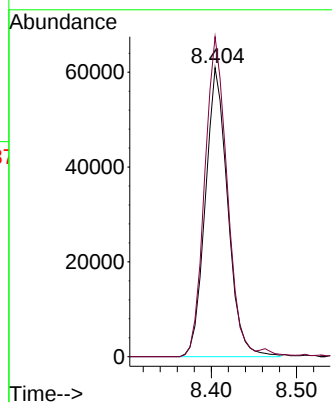
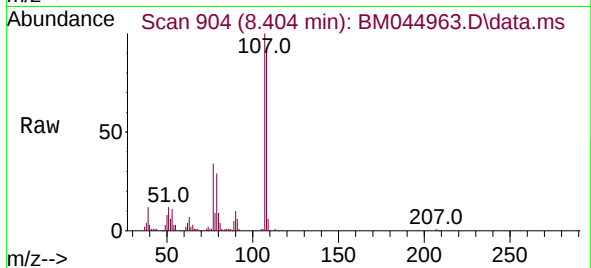




#18
4-Methylphenol
Concen: 21.862 ng/ul
RT: 8.404 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

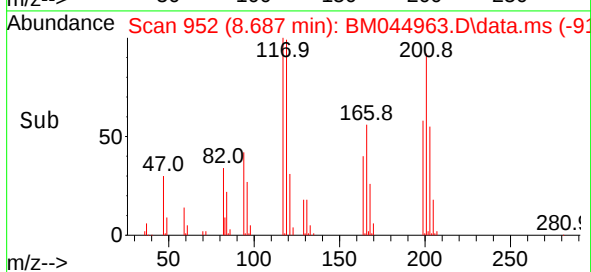
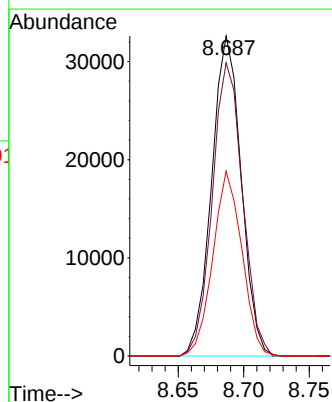
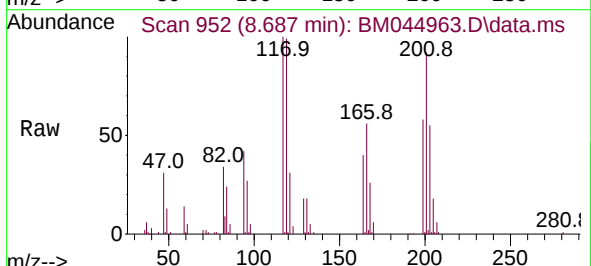
Instrument :
BNA_M
ClientSampleId :

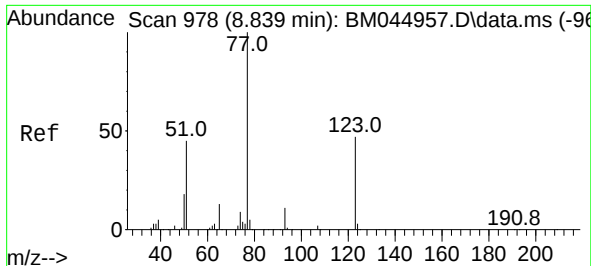
Tgt Ion:108 Resp: 111490
Ion Ratio Lower Upper
108 100
107 110.7 90.0 135.0



#19
Hexachloroethane
Concen: 22.872 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:117 Resp: 51191
Ion Ratio Lower Upper
117 100
201 91.6 73.0 109.4
199 57.7 44.4 66.6

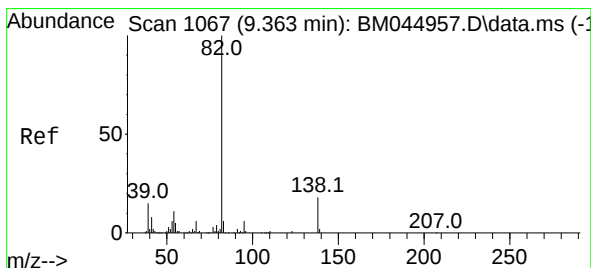
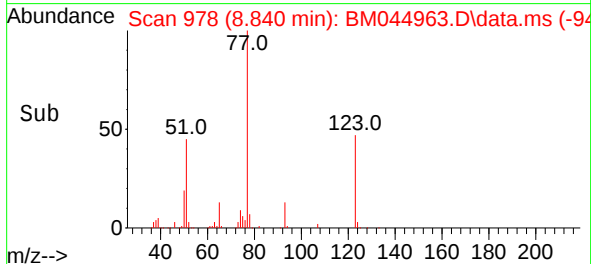
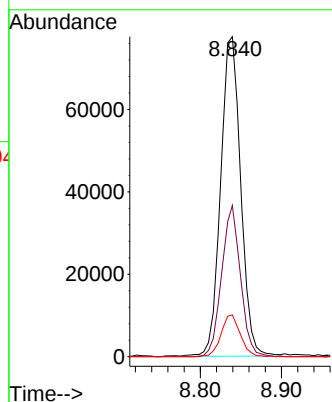
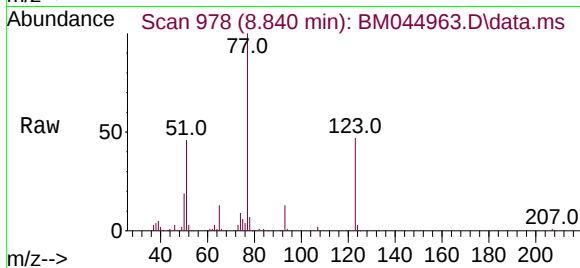




#22
Nitrobenzene
Concen: 22.165 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

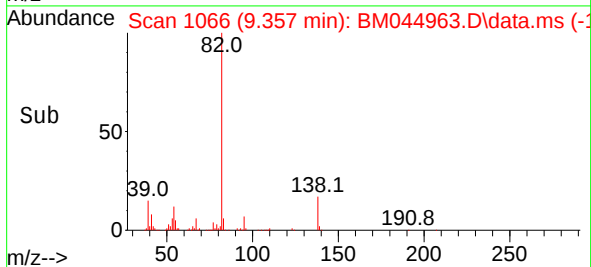
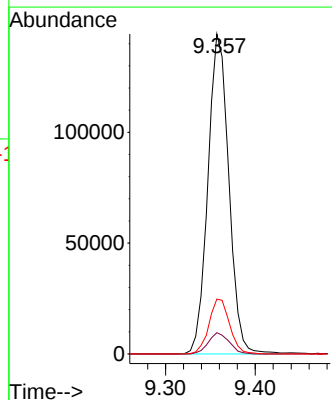
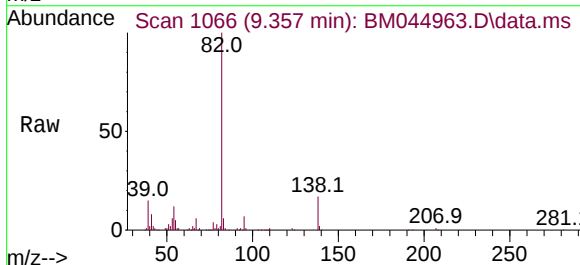
Instrument :
BNA_M
ClientSampleId :

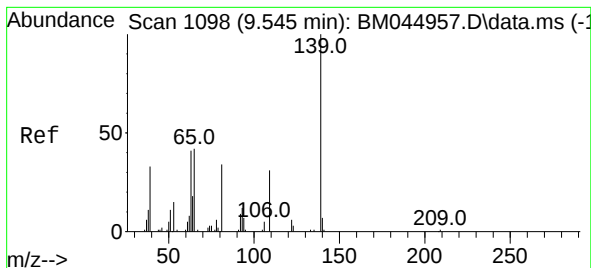
Tgt Ion: 77 Resp: 133431
Ion Ratio Lower Upper
77 100
123 47.3 37.4 56.2
65 13.0 10.7 16.1



#23
Isophorone
Concen: 21.145 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.006 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion: 82 Resp: 233876
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.2 14.2 21.4





#25

2-Nitrophenol

Concen: 22.006 ng/ul

RT: 9.539 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

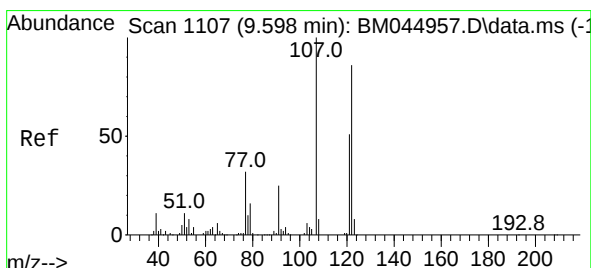
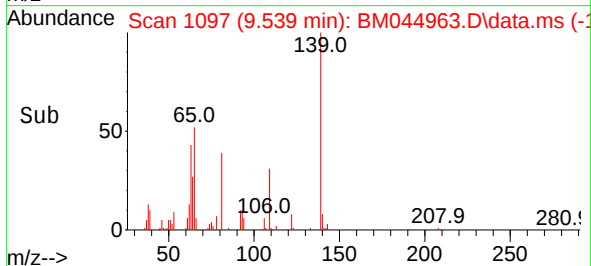
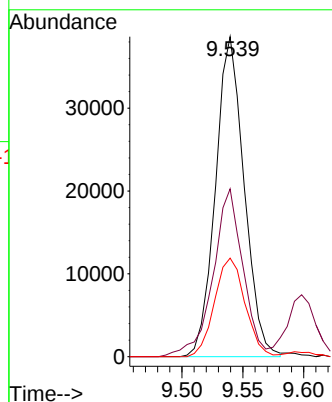
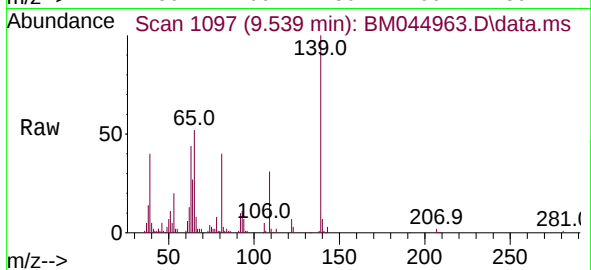
Tgt Ion:139 Resp: 63258

Ion Ratio Lower Upper

139 100

65 52.5 34.9 52.3#

109 30.8 24.4 36.6



#26

2,4-Dimethylphenol

Concen: 21.611 ng/ul

RT: 9.598 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

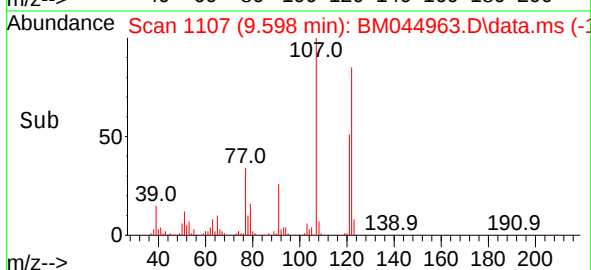
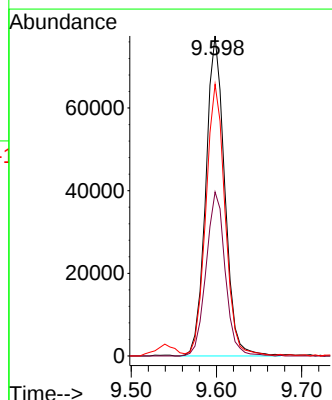
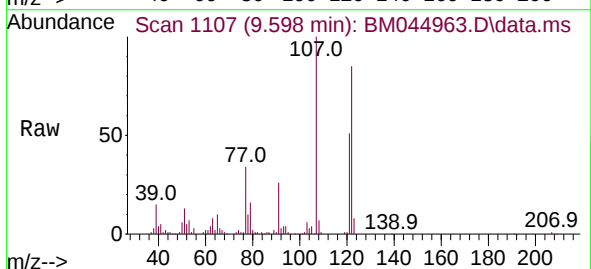
Tgt Ion:107 Resp: 119764

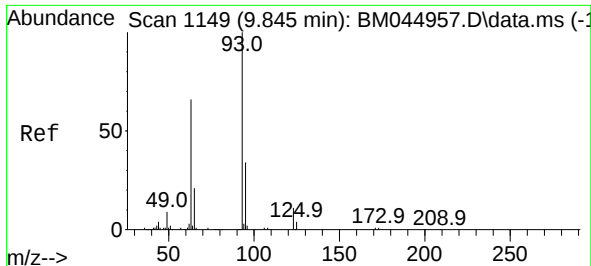
Ion Ratio Lower Upper

107 100

121 51.3 41.1 61.7

122 84.9 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 21.890 ng/ul

RT: 9.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

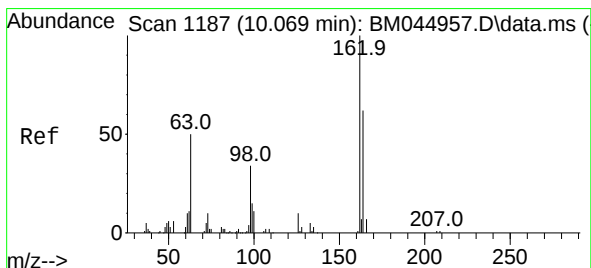
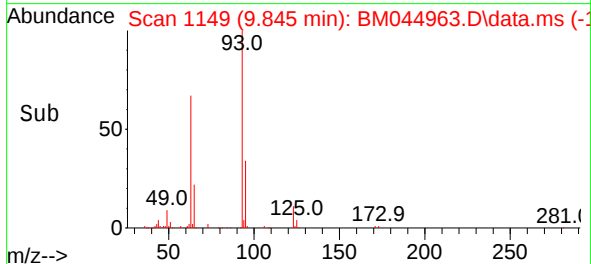
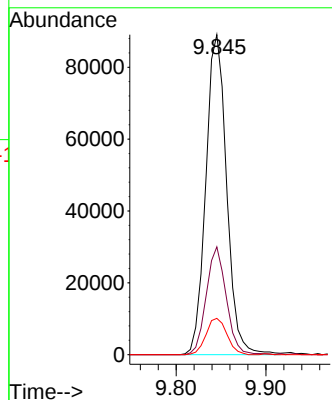
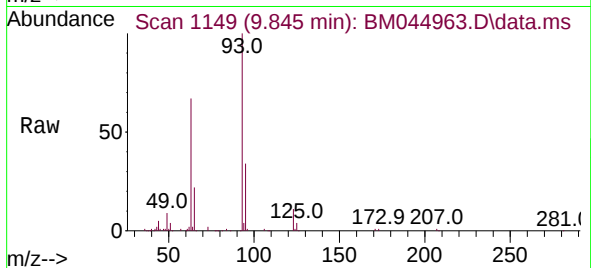
Tgt Ion: 93 Resp: 143530

Ion Ratio Lower Upper

93 100

95 33.7 26.9 40.3

123 11.4 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 22.401 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

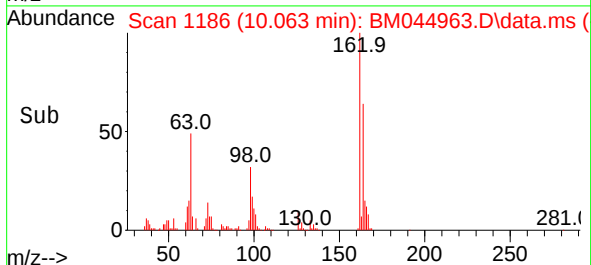
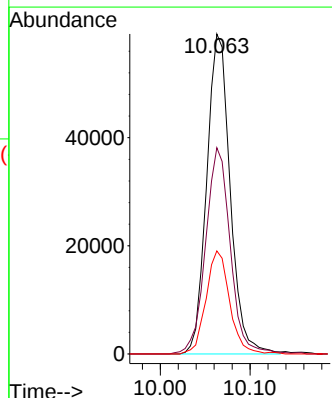
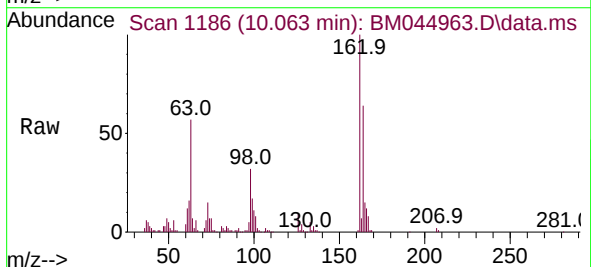
Tgt Ion:162 Resp: 107466

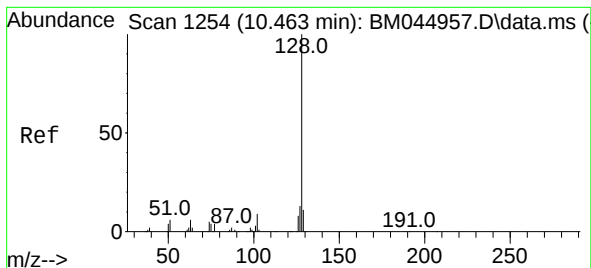
Ion Ratio Lower Upper

162 100

164 64.5 50.4 75.6

98 32.2 27.0 40.4





#30

Naphthalene

Concen: 21.472 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

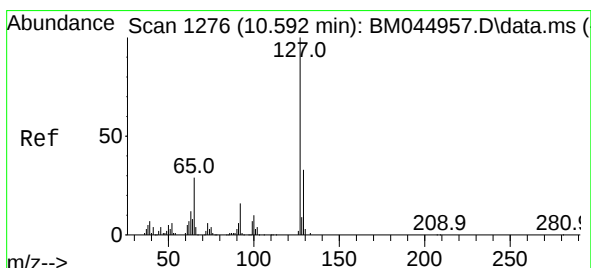
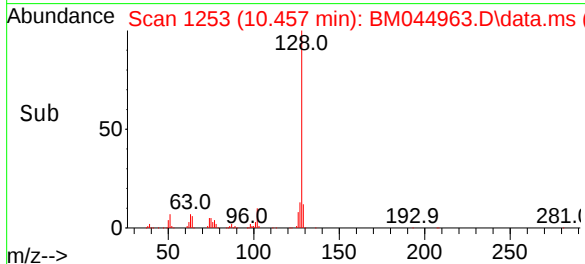
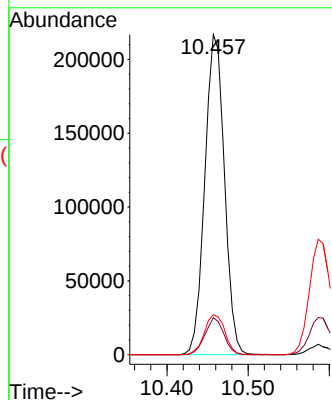
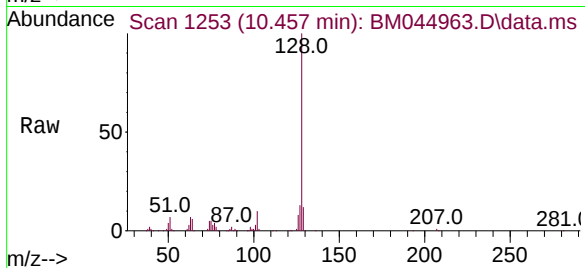
Tgt Ion:128 Resp: 363088

Ion Ratio Lower Upper

128 100

129 11.6 8.5 12.7

127 12.5 10.2 15.4



#32

4-Chloroaniline

Concen: 20.143 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BM044963.D

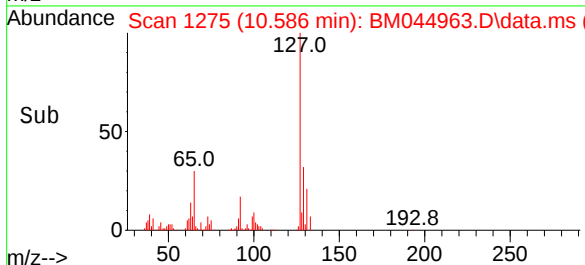
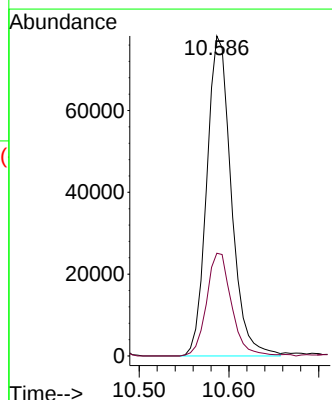
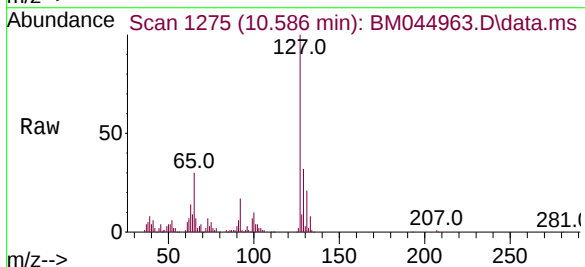
Acq: 06 Apr 2024 10:41

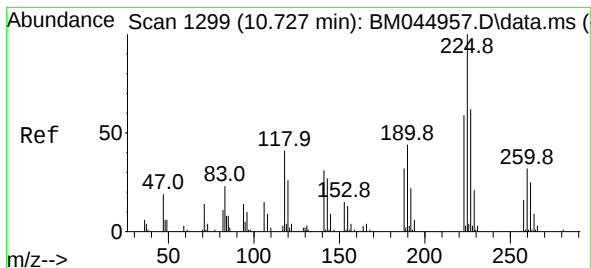
Tgt Ion:127 Resp: 148176

Ion Ratio Lower Upper

127 100

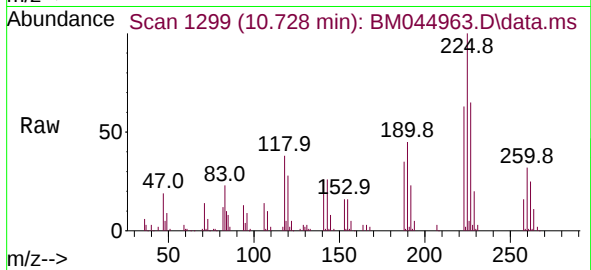
129 32.1 26.2 39.2



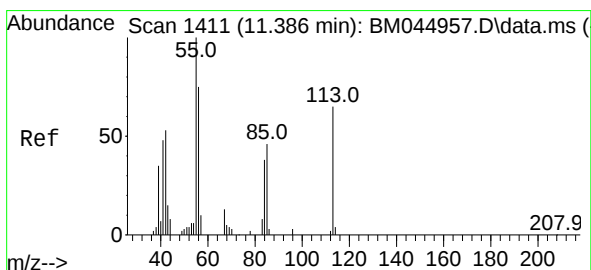
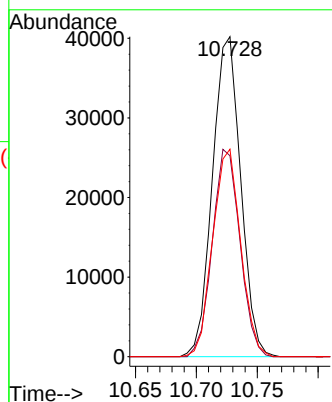
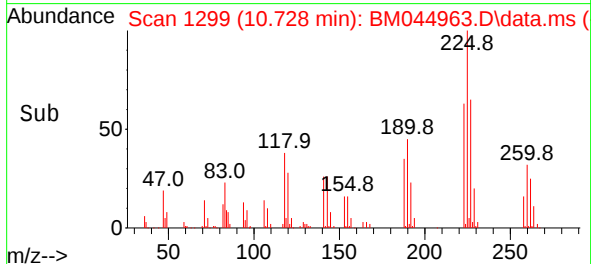


#33
Hexachlorobutadiene
Concen: 21.776 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

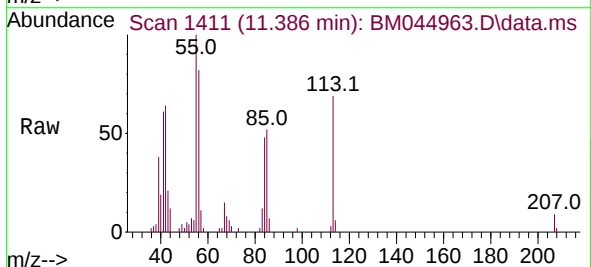
Instrument :
BNA_M
ClientSampleId :



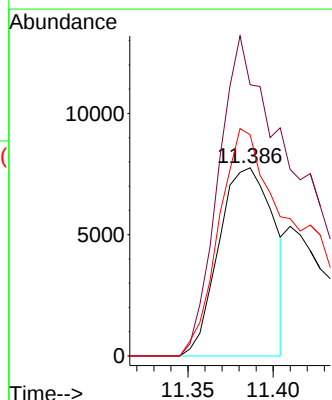
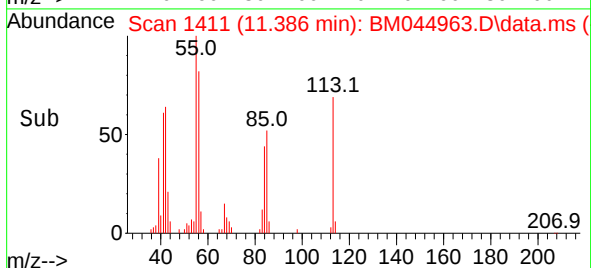
Tgt Ion:225 Resp: 64953
Ion Ratio Lower Upper
225 100
223 62.8 45.3 67.9
227 64.8 47.6 71.4

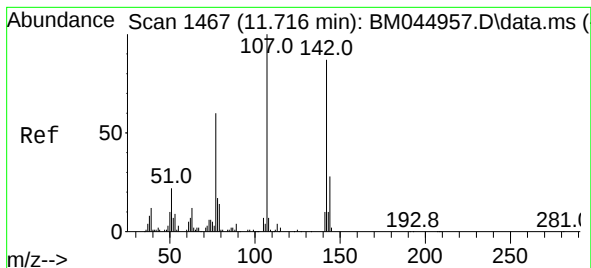


#34
Caprolactam
Concen: 10.729 ng/ul
RT: 11.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41



Tgt Ion:113 Resp: 17377
Ion Ratio Lower Upper
113 100
55 144.2 125.4 188.0
56 117.7 91.8 137.8

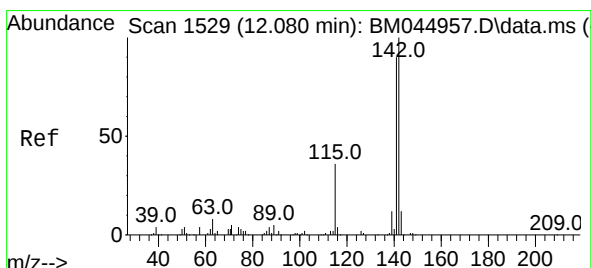
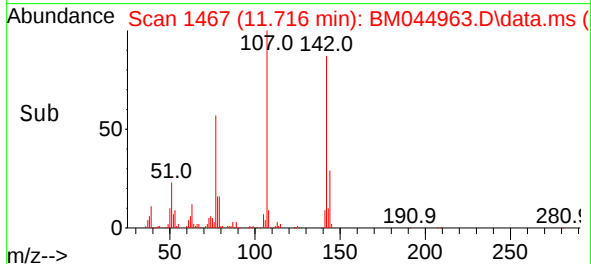
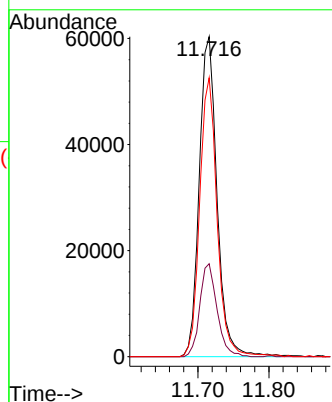
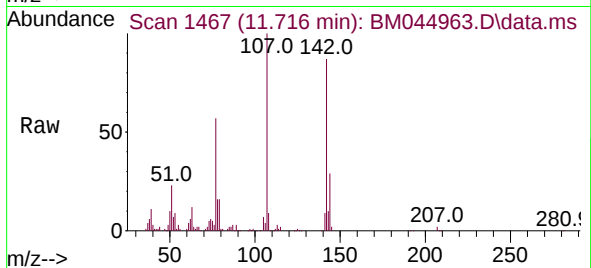




#35
4-Chloro-3-methylphenol
Concen: 22.128 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

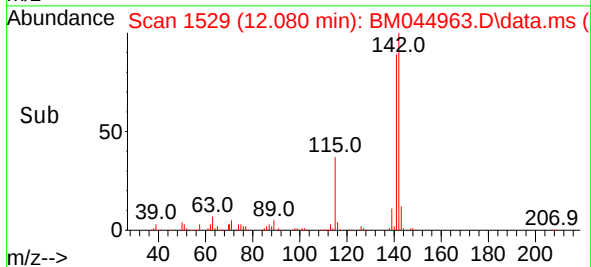
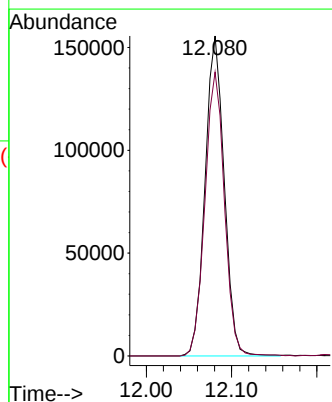
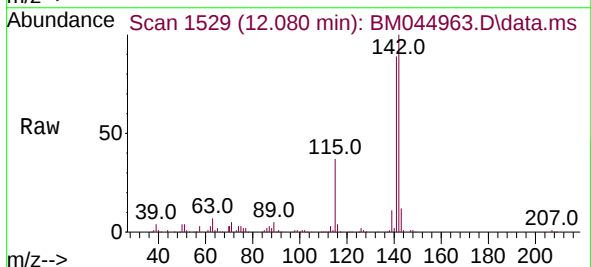
Instrument :
BNA_M
ClientSampleId :

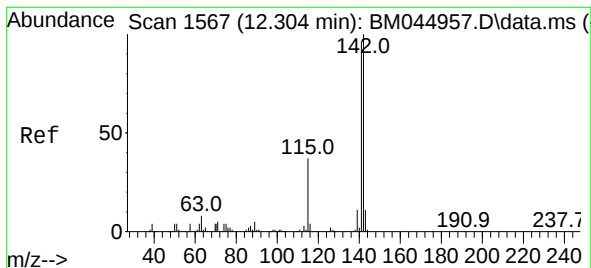
Tgt Ion:107 Resp: 105528
Ion Ratio Lower Upper
107 100
144 29.0 22.8 34.2
142 87.1 69.8 104.6



#36
2-Methylnaphthalene
Concen: 21.963 ng/ul
RT: 12.080 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:142 Resp: 242491
Ion Ratio Lower Upper
142 100
141 88.7 72.3 108.5





#37

1-Methylnaphthalene

Concen: 21.592 ng/ul

RT: 12.304 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

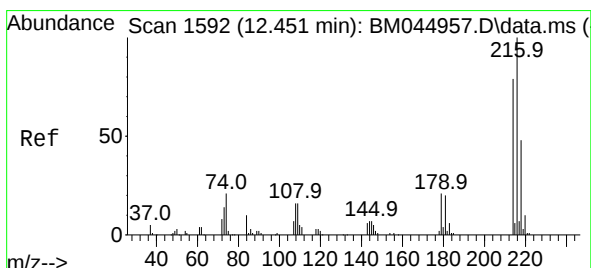
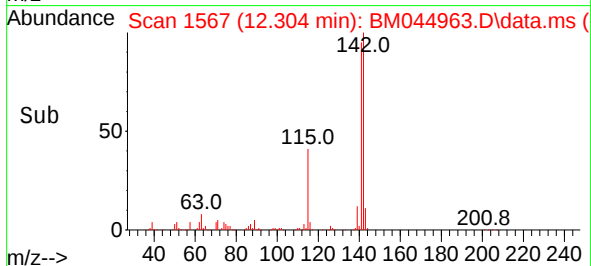
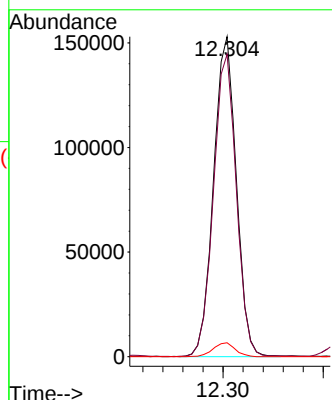
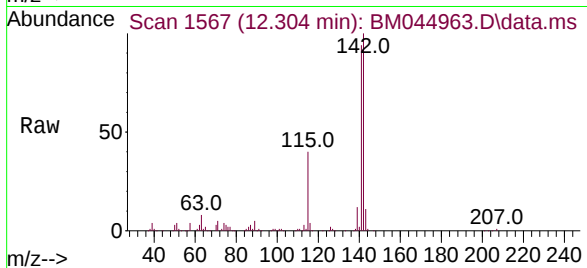
Tgt Ion:142 Resp: 241248

Ion Ratio Lower Upper

142 100

141 94.5 77.2 115.8

116 4.3 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.941 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Tgt Ion:216 Resp: 123020

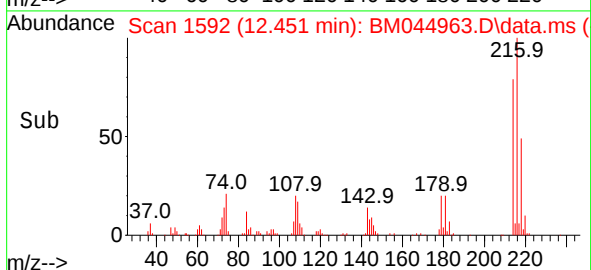
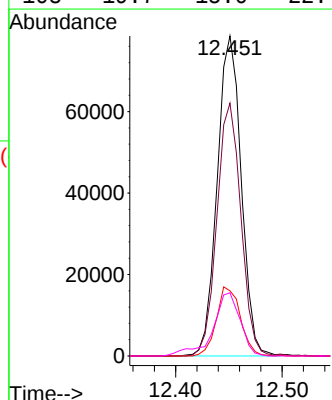
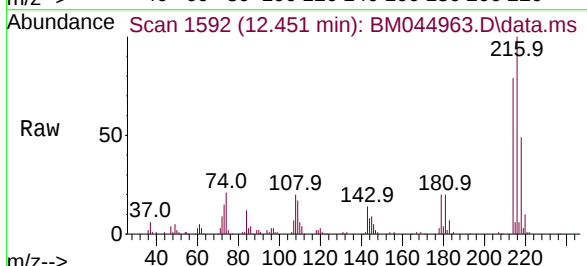
Ion Ratio Lower Upper

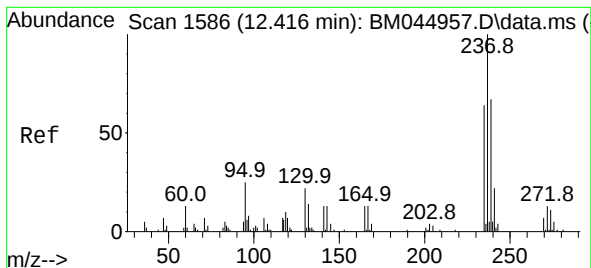
216 100

214 79.0 63.5 95.3

179 20.3 16.6 25.0

108 19.7 15.0 22.4

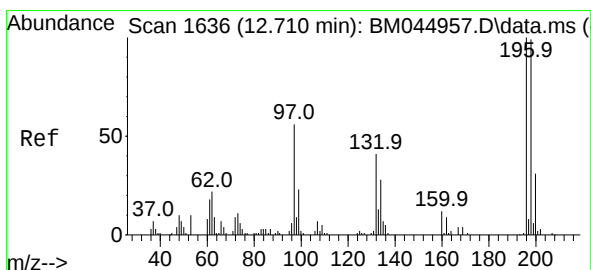
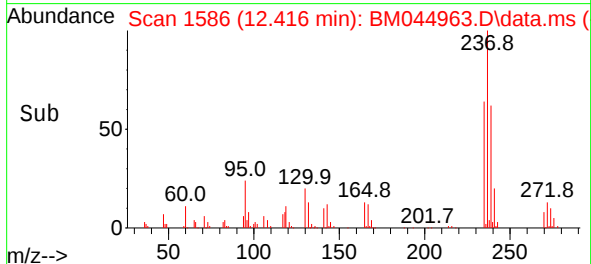
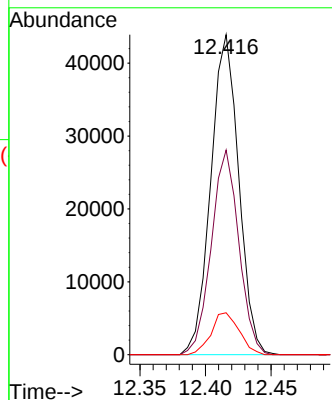
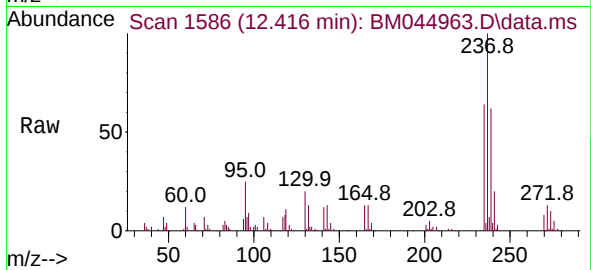




#40
Hexachlorocyclopentadiene
Concen: 19.169 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

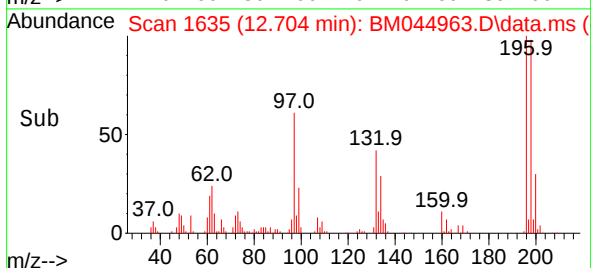
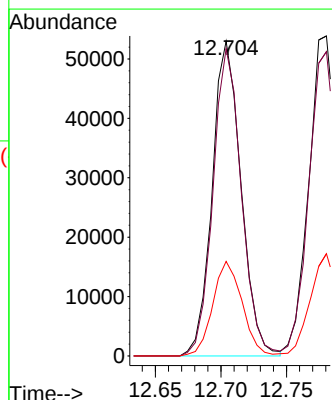
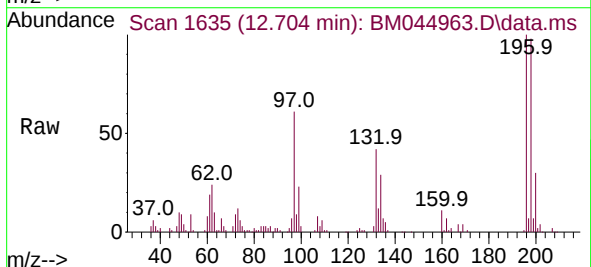
Instrument :
BNA_M
ClientSampleId :

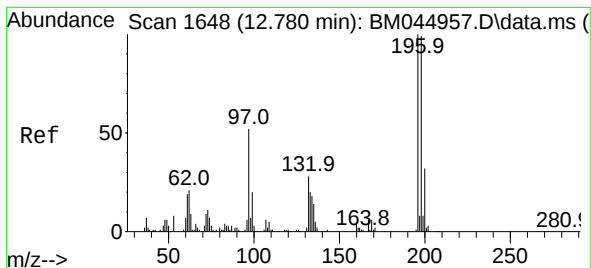
Tgt Ion:237 Resp: 65063
Ion Ratio Lower Upper
237 100
235 63.9 51.3 76.9
272 13.1 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 22.175 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

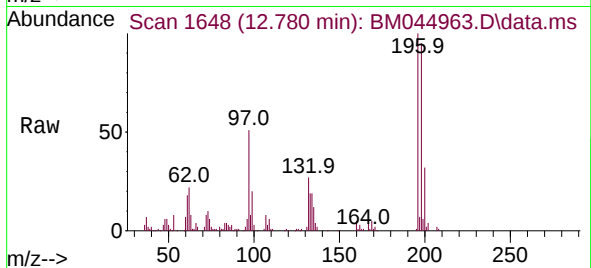
Tgt Ion:196 Resp: 81107
Ion Ratio Lower Upper
196 100
198 97.6 79.4 119.2
200 30.0 25.0 37.4



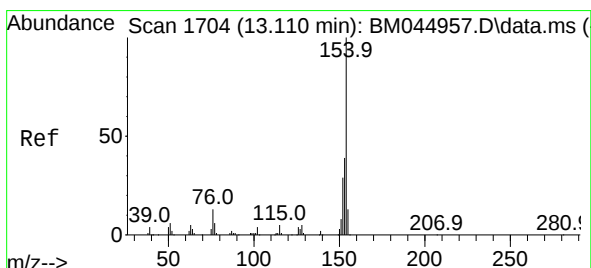
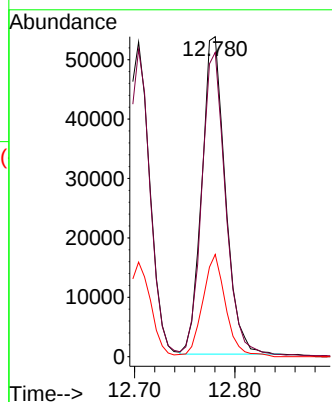
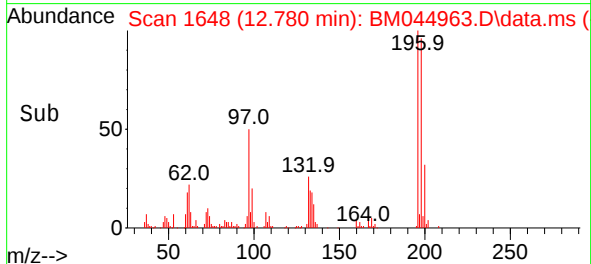


#42
2,4,5-Trichlorophenol
Concen: 21.645 ng/ul
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

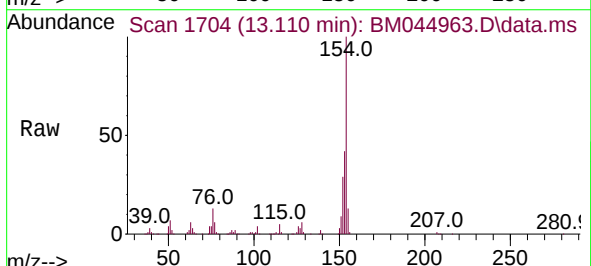
Instrument :
BNA_M
ClientSampleId :



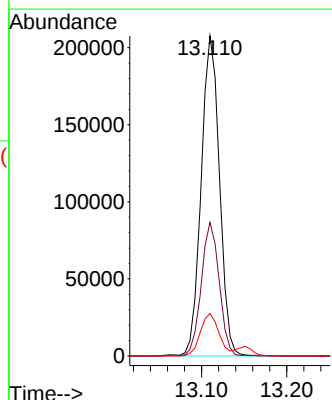
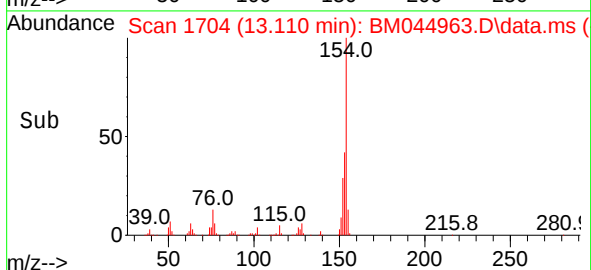
Tgt Ion:196 Resp: 87228
Ion Ratio Lower Upper
196 100
198 95.1 79.9 119.9
200 32.0 25.6 38.4

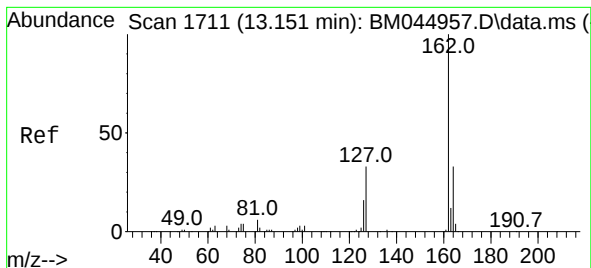


#43
1,1'-Biphenyl
Concen: 21.381 ng/ul
RT: 13.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41



Tgt Ion:154 Resp: 309543
Ion Ratio Lower Upper
154 100
153 41.7 31.6 47.4
76 13.3 10.4 15.6





#44

2-Chloronaphthalene

Concen: 21.485 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

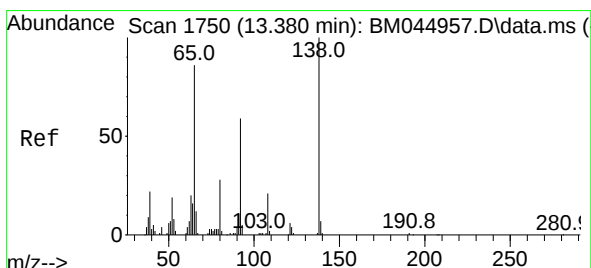
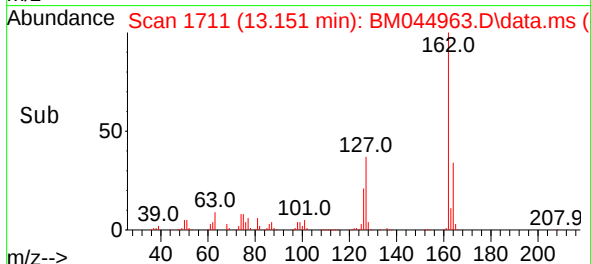
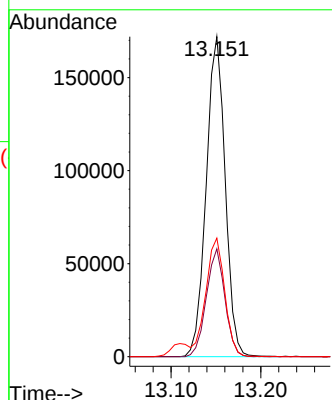
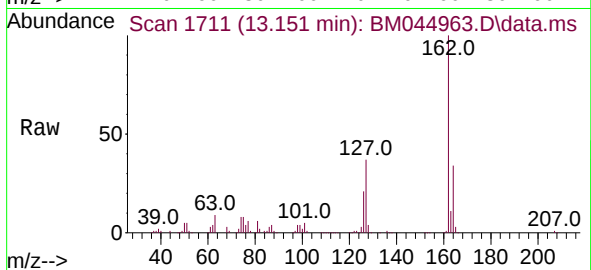
Tgt Ion:162 Resp: 252704

Ion Ratio Lower Upper

162 100

164 33.7 26.1 39.1

127 37.0 30.1 45.1



#45

2-Nitroaniline

Concen: 20.644 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

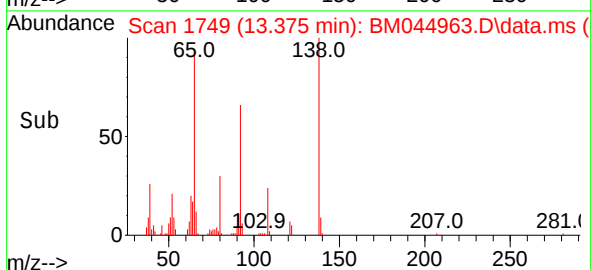
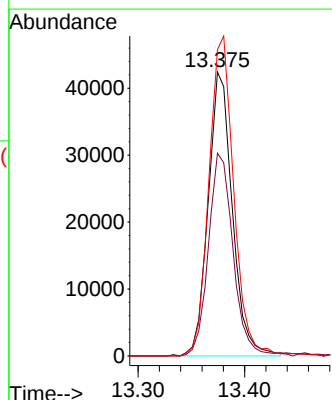
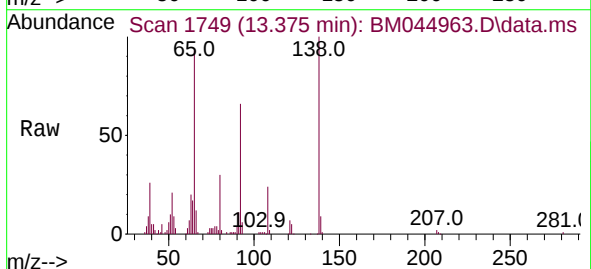
Tgt Ion: 65 Resp: 67026

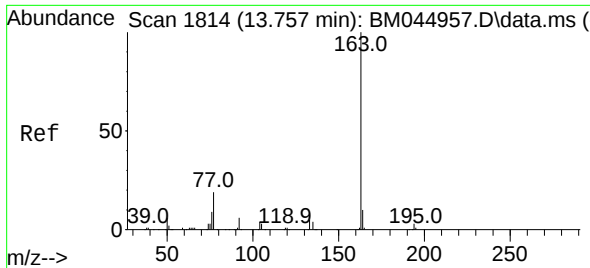
Ion Ratio Lower Upper

65 100

92 71.4 55.2 82.8

138 107.8 93.0 139.4

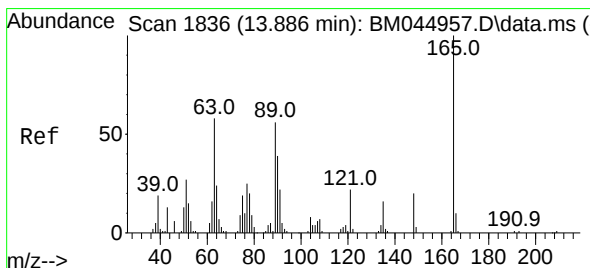
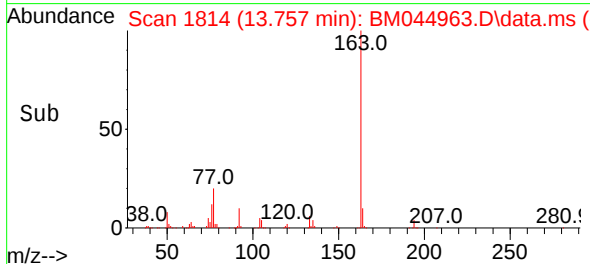
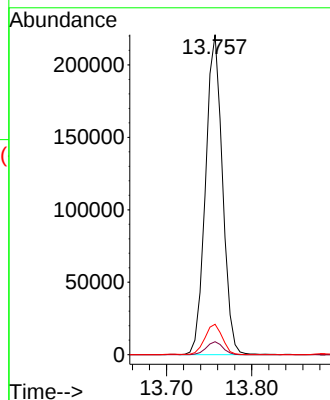
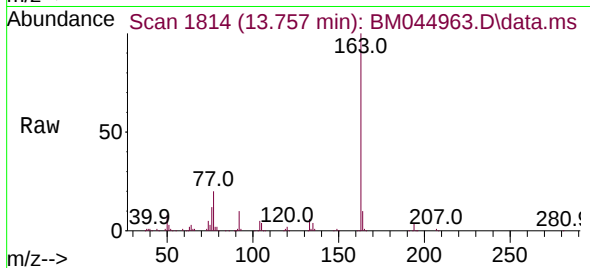




#47
Dimethylphthalate
Concen: 20.399 ng/ul
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

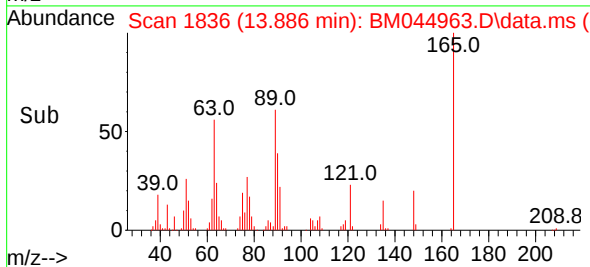
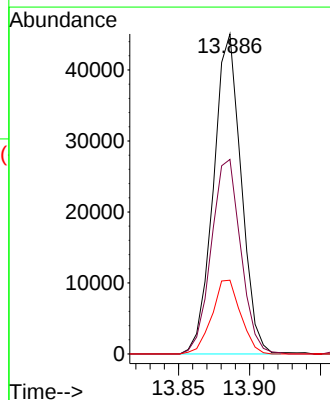
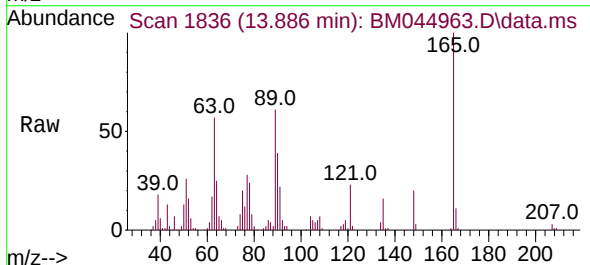
Instrument :
BNA_M
ClientSampleId :

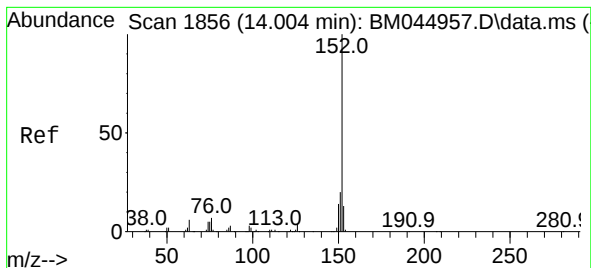
Tgt Ion:163 Resp: 304367
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.5 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 20.945 ng/ul
RT: 13.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:165 Resp: 61252
Ion Ratio Lower Upper
165 100
89 60.8 45.0 67.4
121 23.1 18.0 27.0





#50

Acenaphthylene

Concen: 21.384 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. 0.000 min

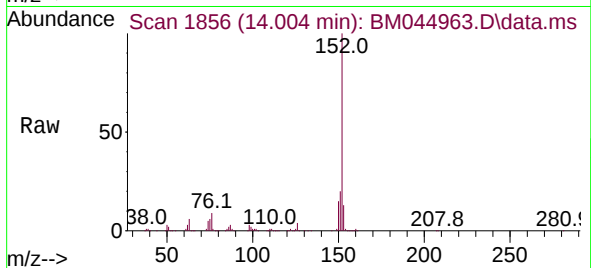
Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :



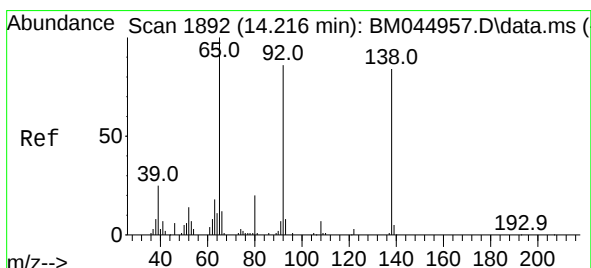
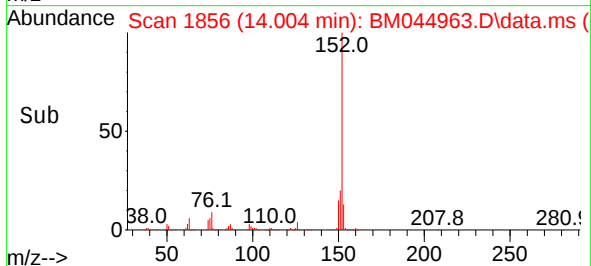
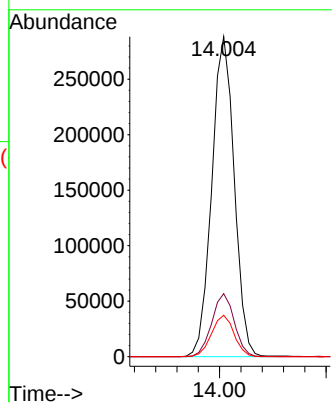
Tgt Ion:152 Resp: 421182

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 12.9 10.2 15.2



#51

3-Nitroaniline

Concen: 20.047 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

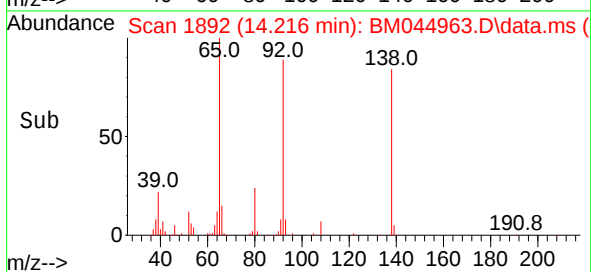
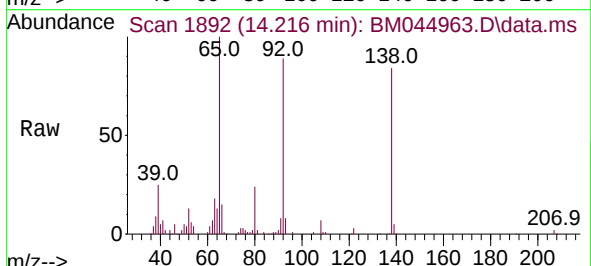
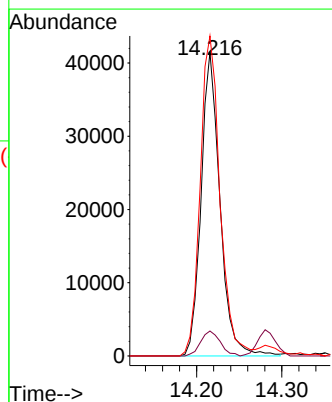
Tgt Ion:138 Resp: 63949

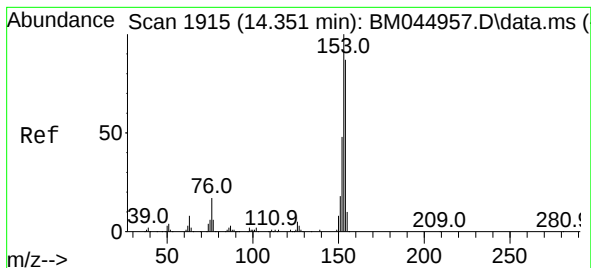
Ion Ratio Lower Upper

138 100

108 8.2 6.5 9.7

92 105.3 81.4 122.0





#52

Acenaphthene

Concen: 21.302 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

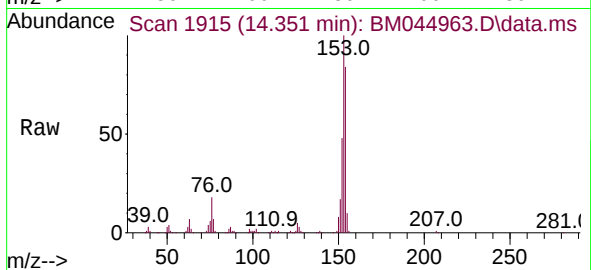
Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :



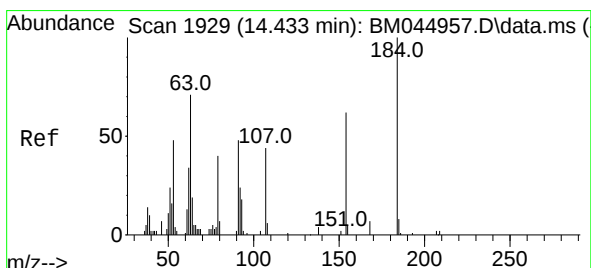
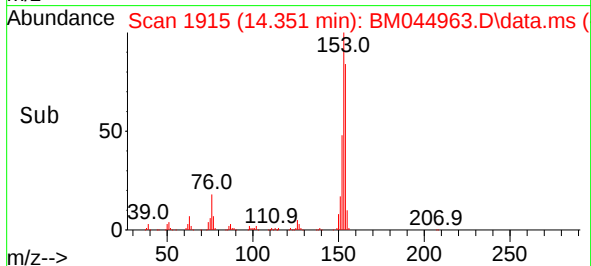
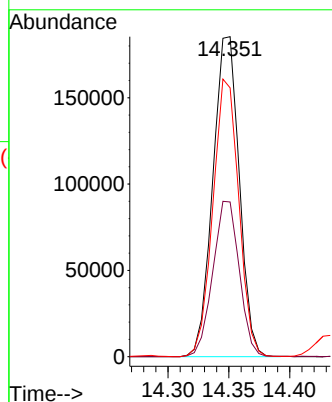
Tgt Ion:153 Resp: 279959

Ion Ratio Lower Upper

153 100

152 48.3 38.6 58.0

154 84.0 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 16.897 ng/ul

RT: 14.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

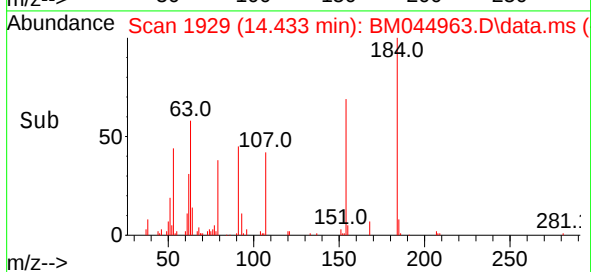
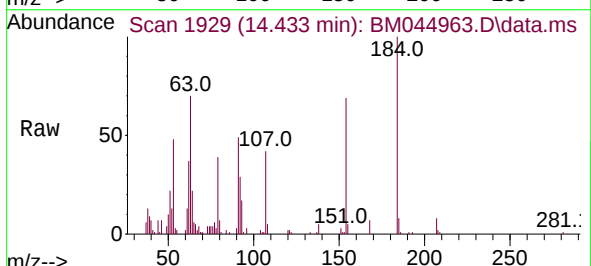
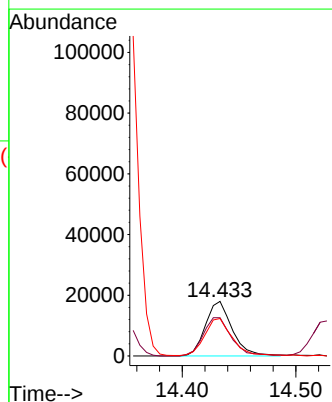
Tgt Ion:184 Resp: 29378

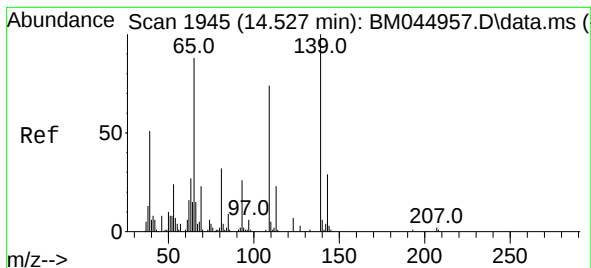
Ion Ratio Lower Upper

184 100

63 70.0 56.9 85.3

154 68.7 50.3 75.5

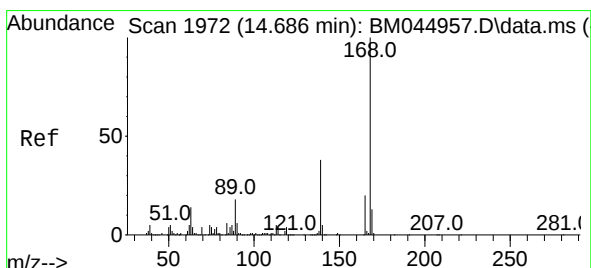
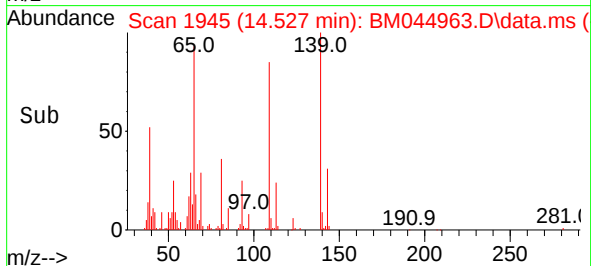
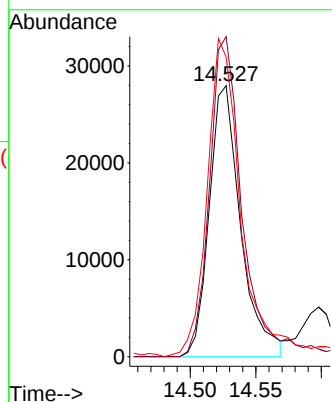
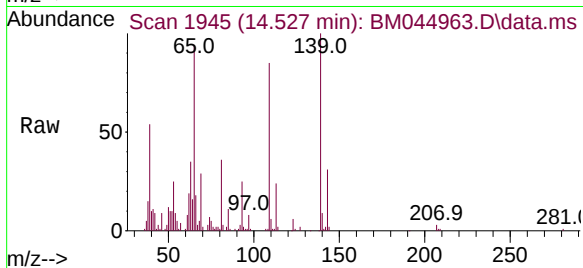




#55
4-Nitrophenol
Concen: 17.786 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

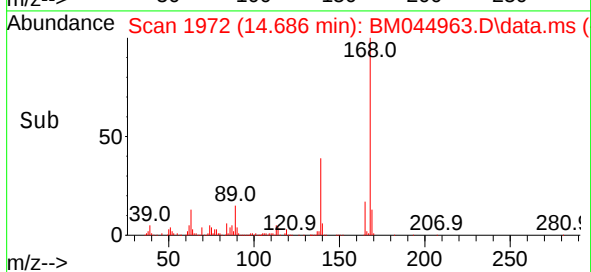
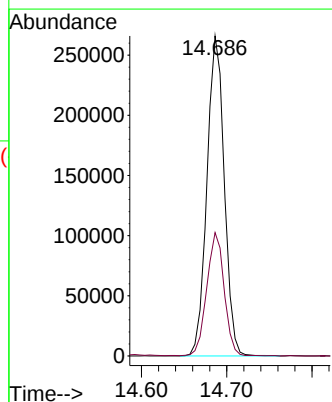
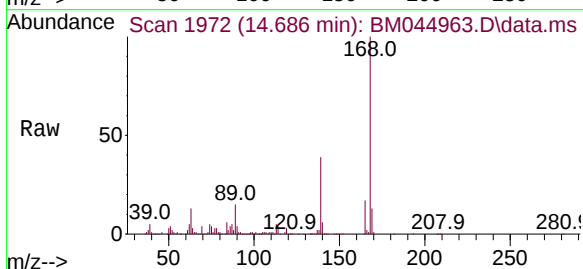
Instrument :
BNA_M
ClientSampleId :

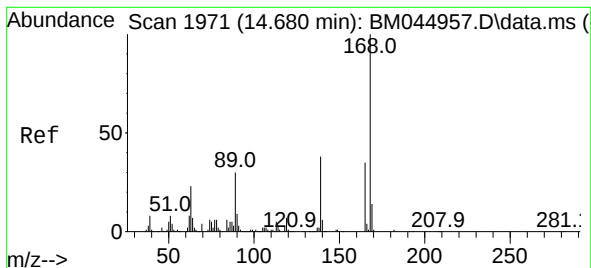
Tgt Ion:109 Resp: 46601
Ion Ratio Lower Upper
109 100
139 118.0 107.7 161.5
65 110.5 96.3 144.5



#56
Dibenzofuran
Concen: 20.901 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:168 Resp: 375894
Ion Ratio Lower Upper
168 100
139 38.5 30.6 46.0

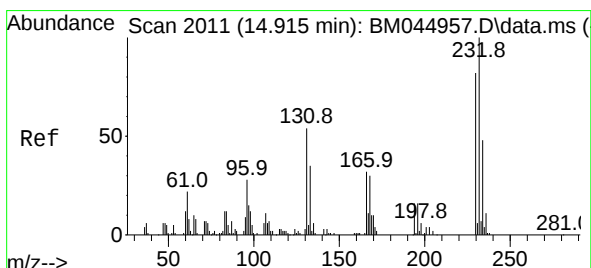
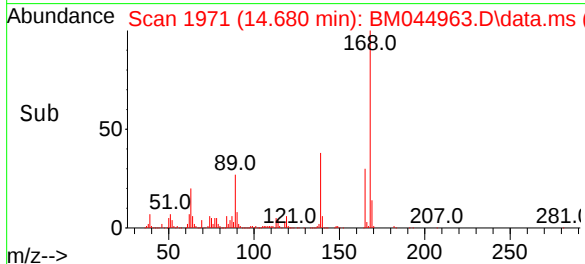
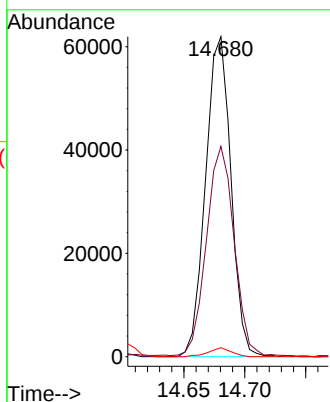
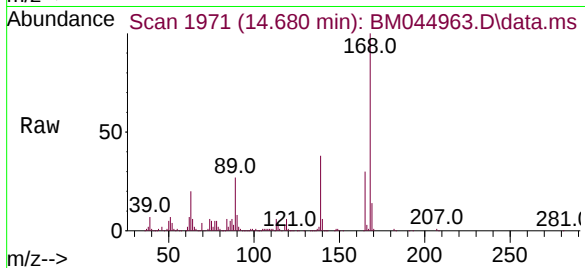




#57
2,4-Dinitrotoluene
Concen: 20.512 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

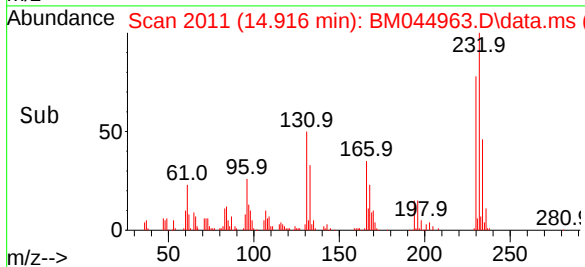
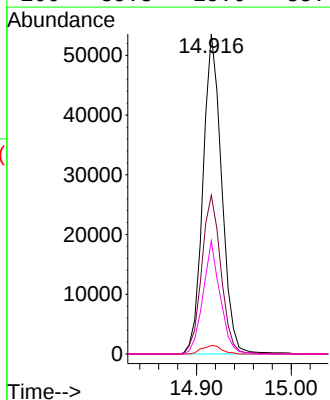
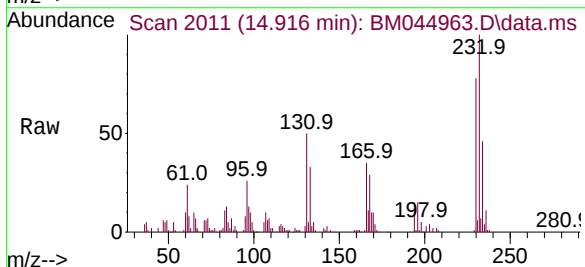
Instrument :
BNA_M
ClientSampleId :

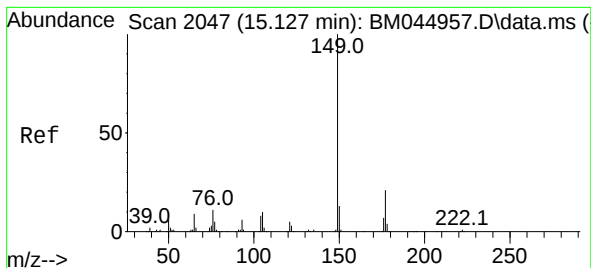
Tgt Ion:165 Resp: 89792
Ion Ratio Lower Upper
165 100
63 65.7 52.0 78.0
182 2.8 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.314 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:232 Resp: 73513
Ion Ratio Lower Upper
232 100
131 49.6 43.4 65.0
130 2.7 2.6 4.0
166 35.3 25.6 38.4





#59

Diethylphthalate

Concen: 20.354 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

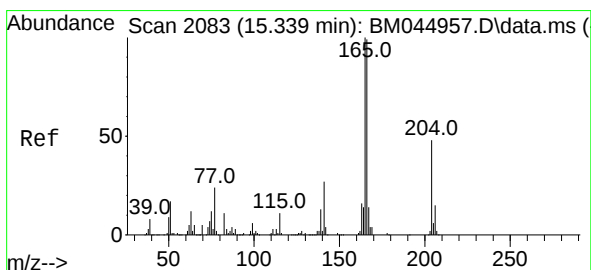
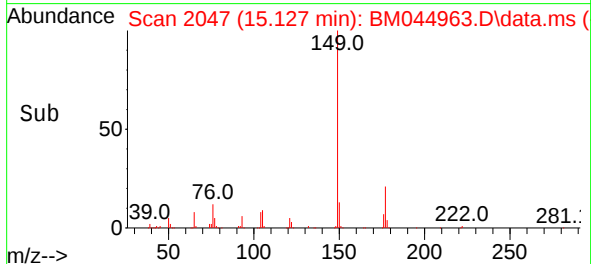
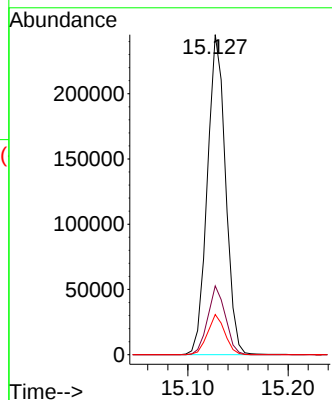
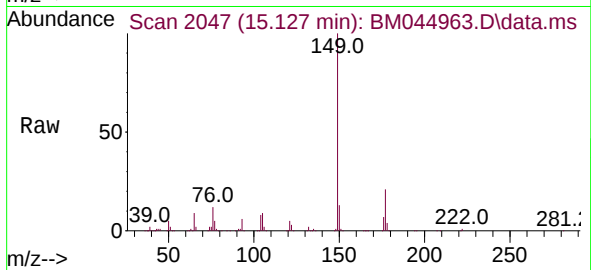
Tgt Ion:149 Resp: 309818

Ion Ratio Lower Upper

149 100

177 21.5 16.4 24.6

150 12.6 10.3 15.5



#61

Fluorene

Concen: 20.495 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

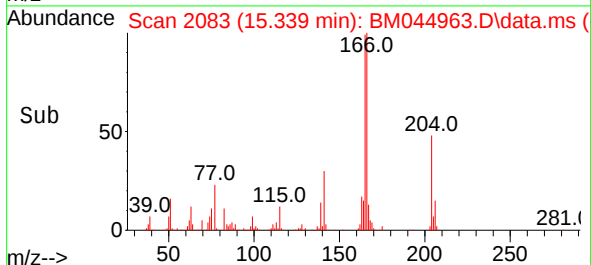
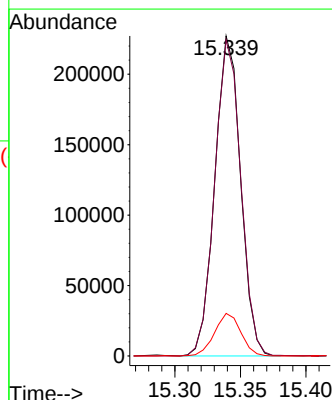
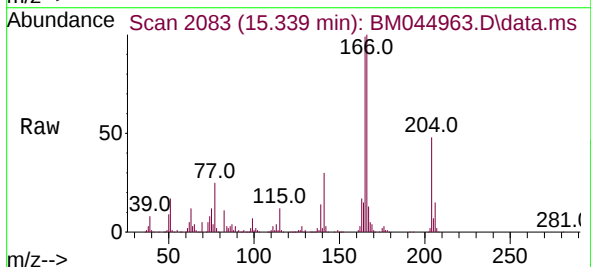
Tgt Ion:166 Resp: 310658

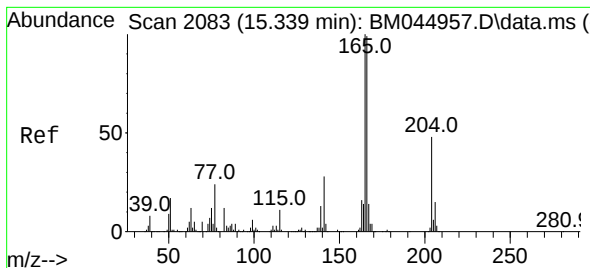
Ion Ratio Lower Upper

166 100

165 98.8 80.5 120.7

167 13.3 11.0 16.6

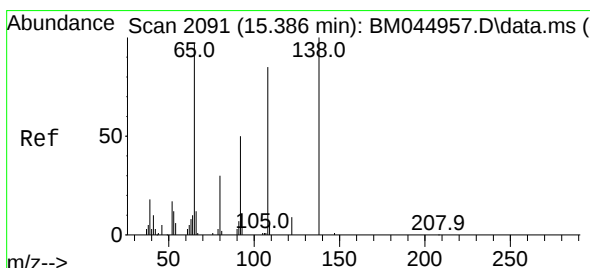
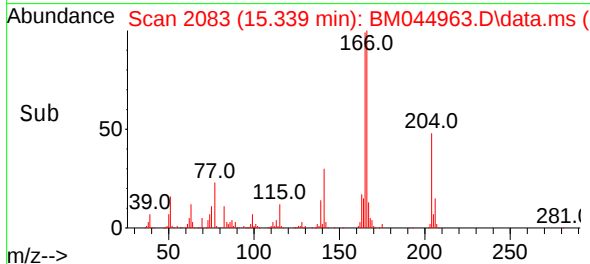
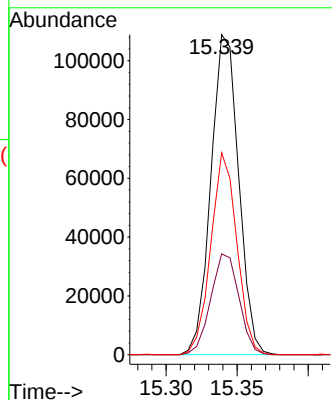
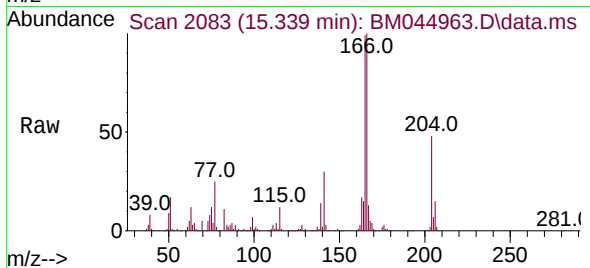




#62
4-Chlorophenyl-phenylether
Concen: 20.831 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

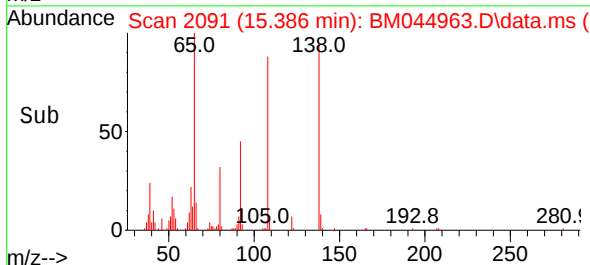
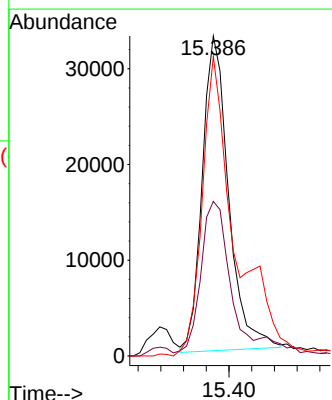
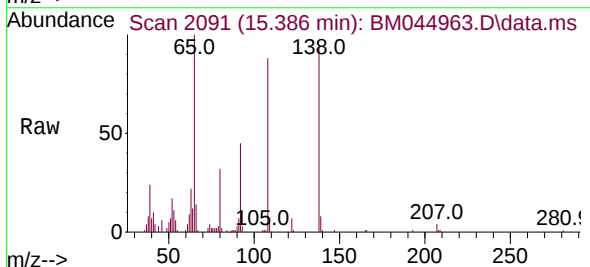
Instrument :
BNA_M
ClientSampleId :

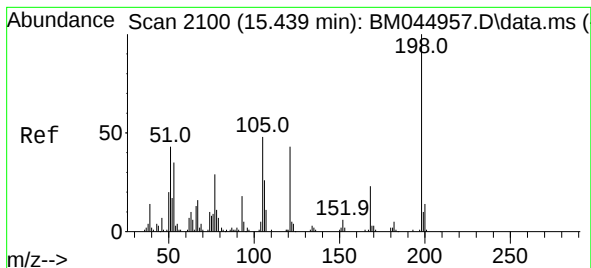
Tgt Ion:204 Resp: 148002
Ion Ratio Lower Upper
204 100
206 31.5 24.9 37.3
141 63.1 46.2 69.2



#63
4-Nitroaniline
Concen: 18.283 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:138 Resp: 53025
Ion Ratio Lower Upper
138 100
92 48.3 39.8 59.6
108 93.5 66.4 99.6

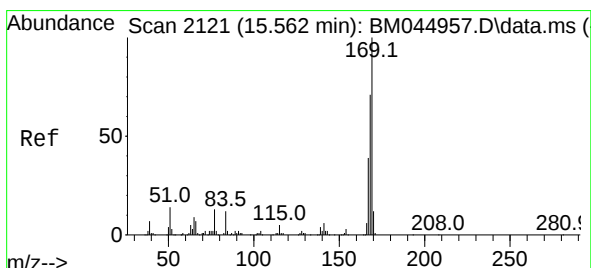
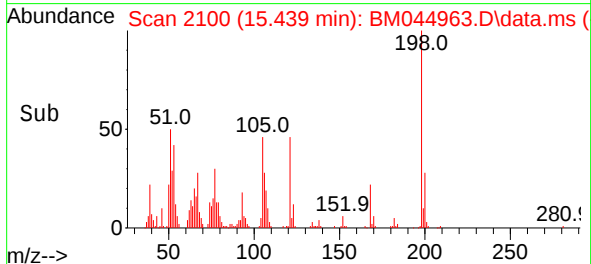
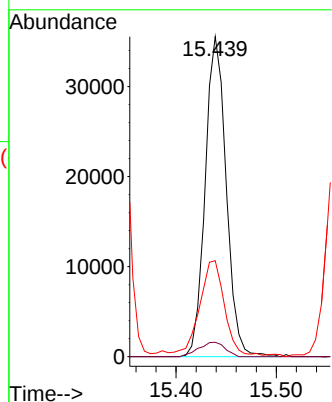
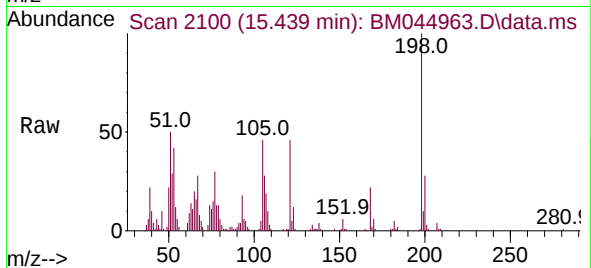




#66
4,6-Dinitro-2-methylphenol
Concen: 19.734 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

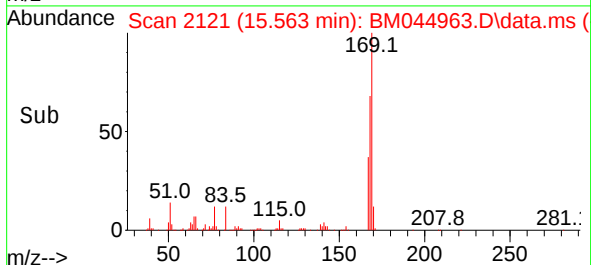
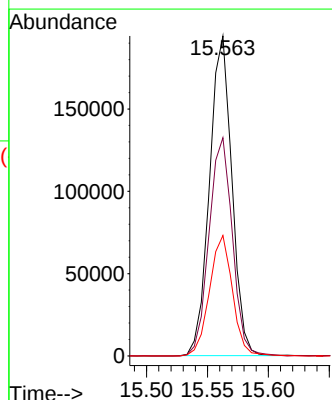
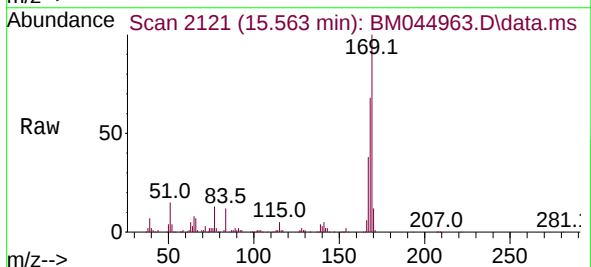
Instrument :
BNA_M
ClientSampleId :

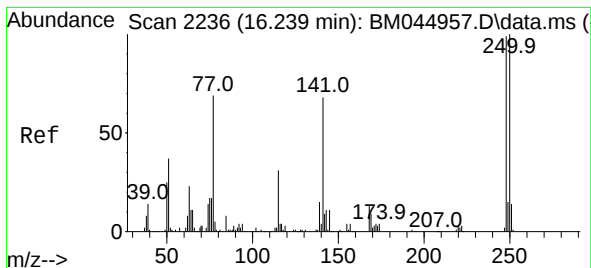
Tgt Ion:198 Resp: 51832
Ion Ratio Lower Upper
198 100
182 4.5 3.8 5.6
77 30.0 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 22.222 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:169 Resp: 247966
Ion Ratio Lower Upper
169 100
168 68.2 56.7 85.1
167 37.6 31.2 46.8





#68

4-Bromophenyl-phenylether

Concen: 22.652 ng/ul

RT: 16.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

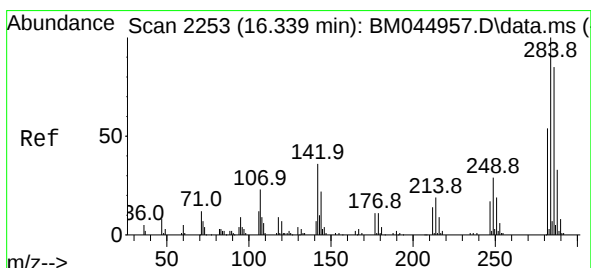
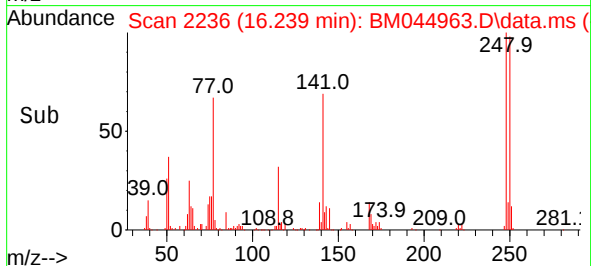
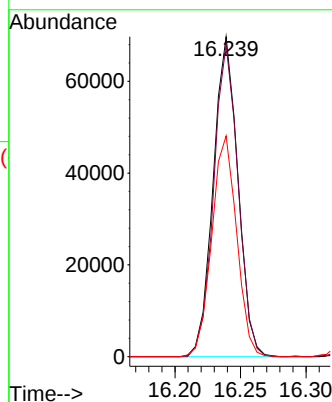
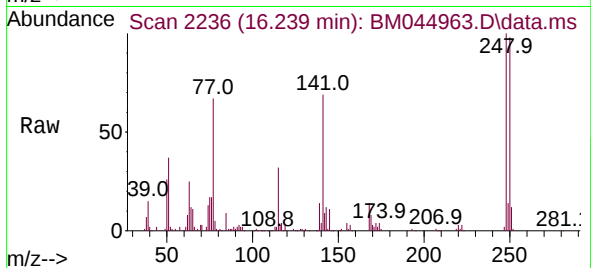
Tgt Ion:248 Resp: 91256

Ion Ratio Lower Upper

248 100

250 97.6 81.0 121.6

141 69.0 55.1 82.7



#69

Hexachlorobenzene

Concen: 21.856 ng/ul

RT: 16.339 min Scan# 2253

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

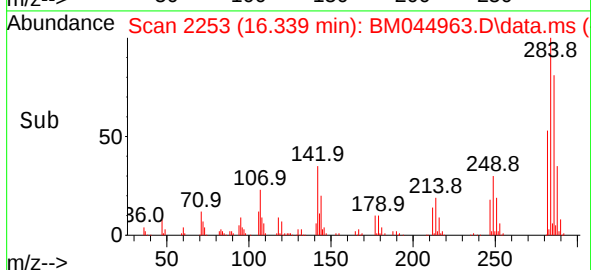
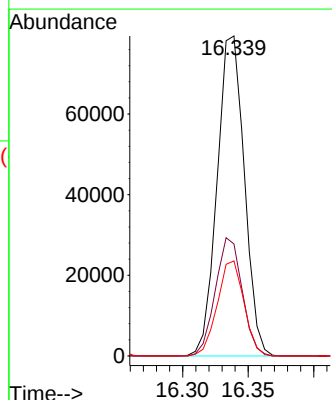
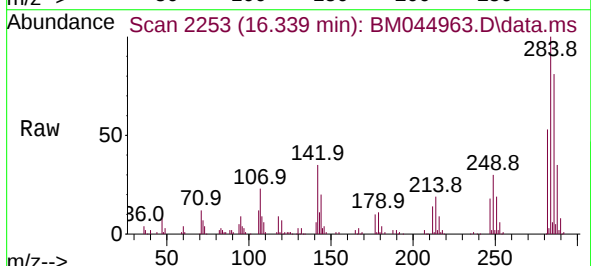
Tgt Ion:284 Resp: 114533

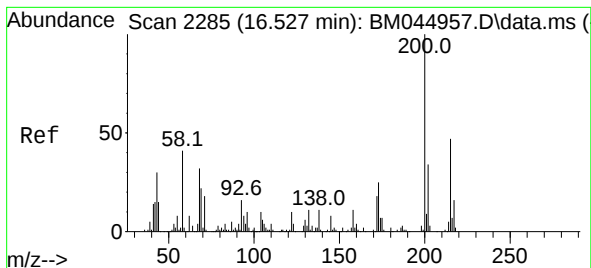
Ion Ratio Lower Upper

284 100

142 35.0 27.3 40.9

249 29.7 23.6 35.4





#70

Atrazine

Concen: 20.447 ng/ul

RT: 16.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

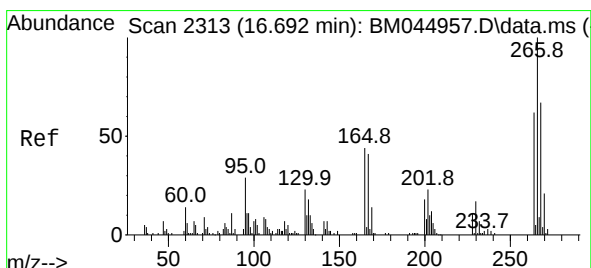
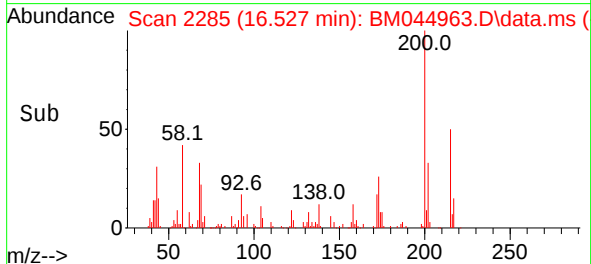
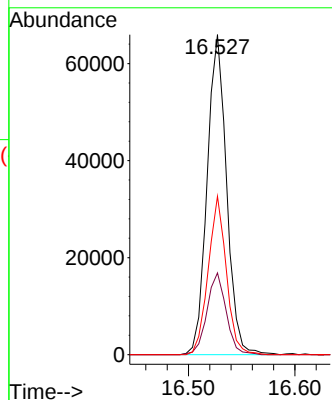
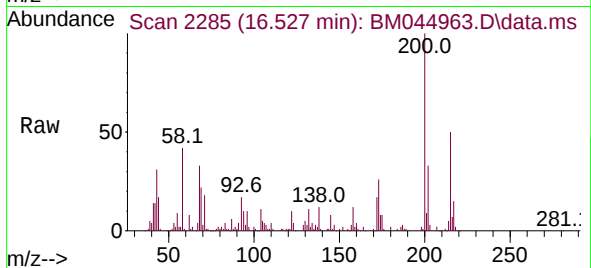
Tgt Ion:200 Resp: 83926

Ion Ratio Lower Upper

200 100

173 25.6 20.3 30.5

215 49.5 37.9 56.9



#71

Pentachlorophenol

Concen: 20.024 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

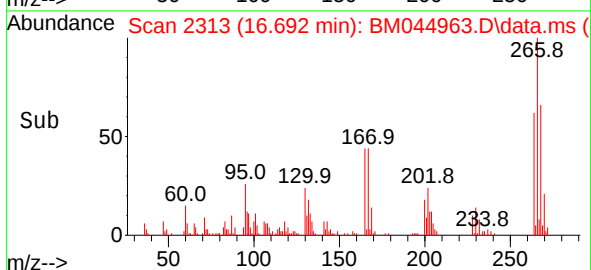
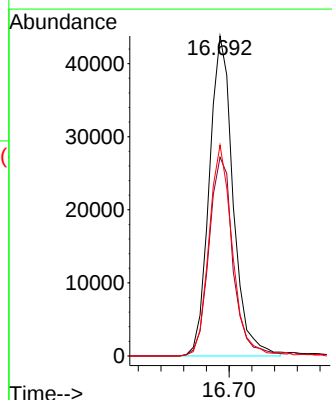
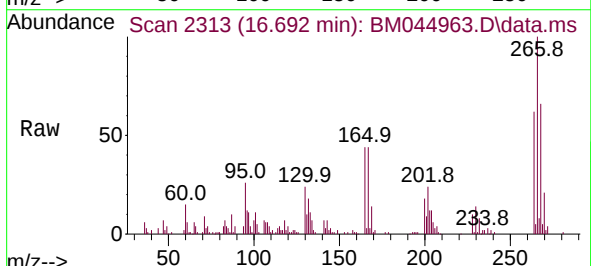
Tgt Ion:266 Resp: 63740

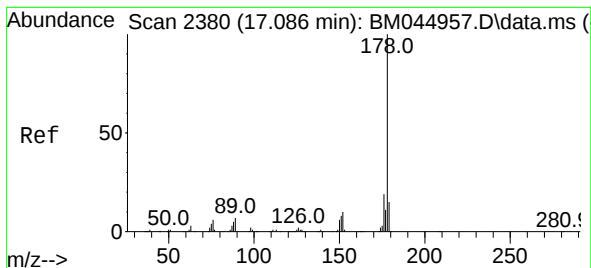
Ion Ratio Lower Upper

266 100

264 62.1 49.3 73.9

268 65.9 53.3 79.9





#72

Phenanthrene

Concen: 21.441 ng/ul

RT: 17.086 min Scan# 2380

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

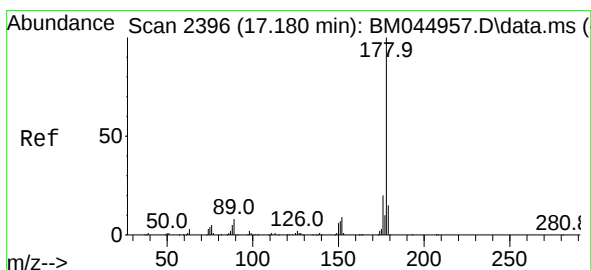
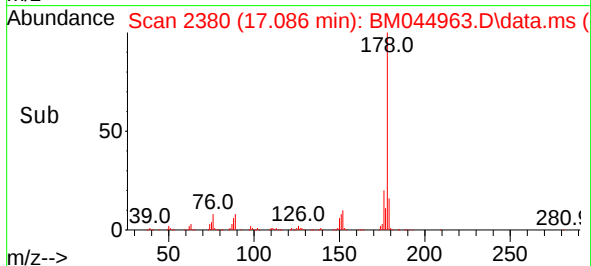
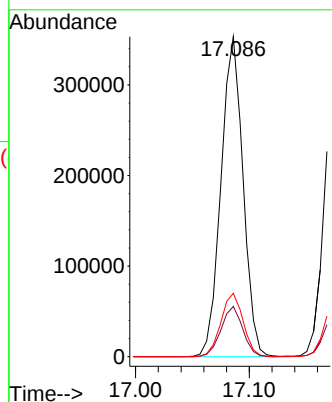
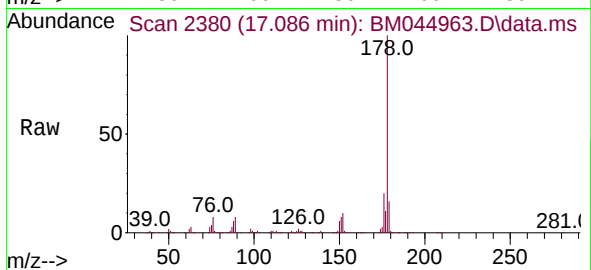
Tgt Ion:178 Resp: 477253

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

176 19.8 15.4 23.2



#74

Anthracene

Concen: 21.612 ng/ul

RT: 17.174 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

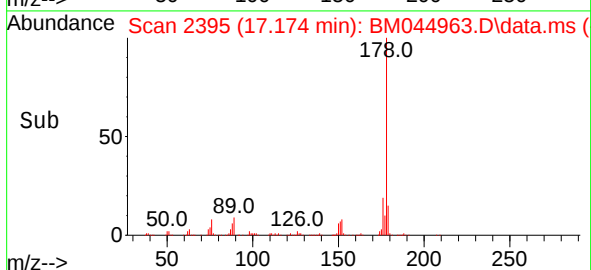
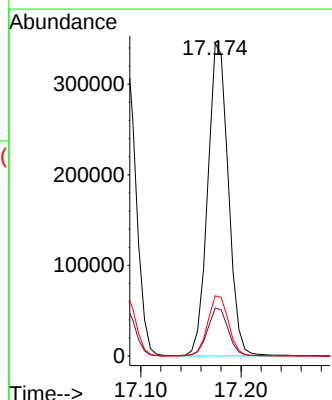
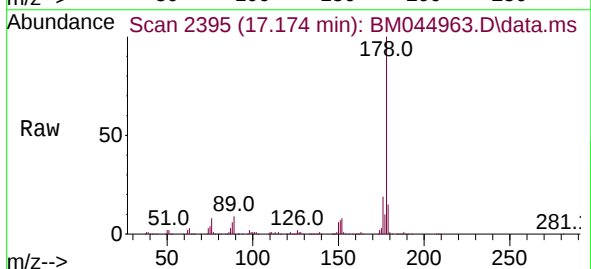
Tgt Ion:178 Resp: 492095

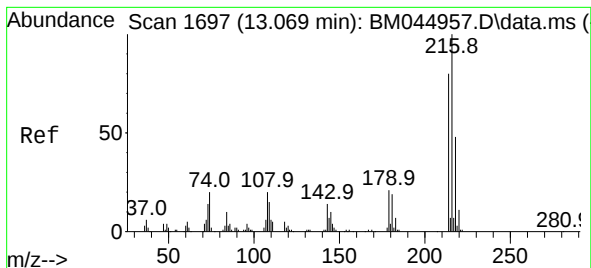
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.3 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.669 ng/uL

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

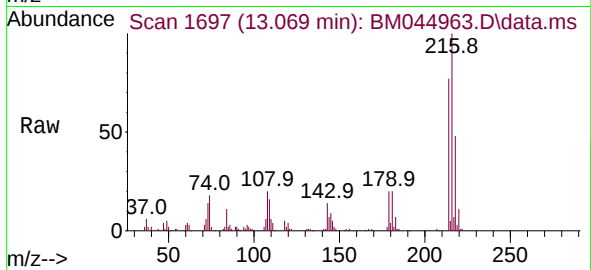
Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :



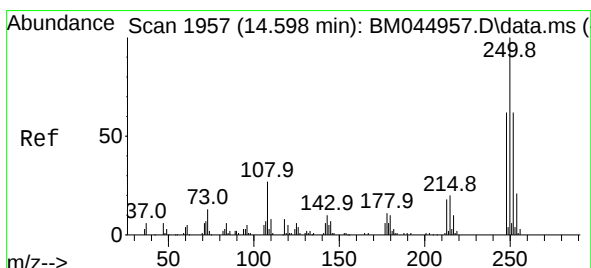
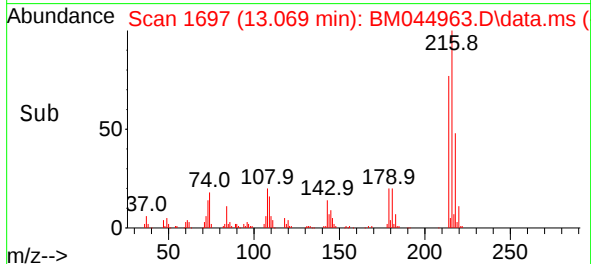
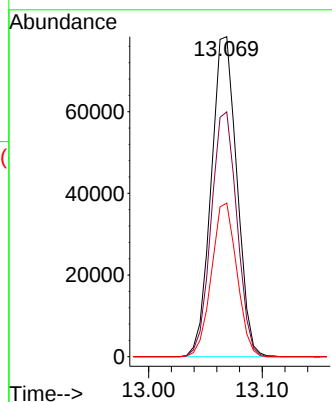
Tgt Ion:216 Resp: 123395

Ion Ratio Lower Upper

216 100

214 76.5 64.1 96.1

218 48.0 38.6 58.0



#76

Pentachlorobenzene

Concen: 23.318 ng/uL

RT: 14.598 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

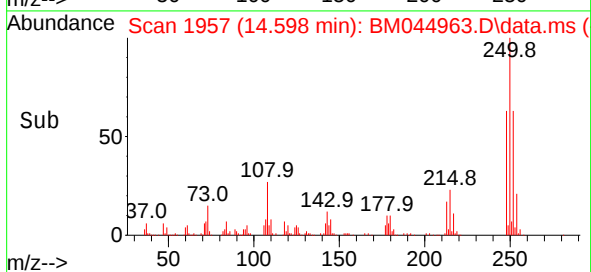
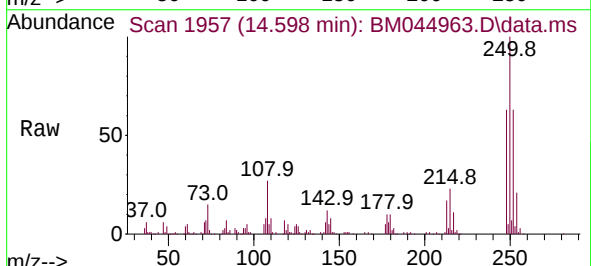
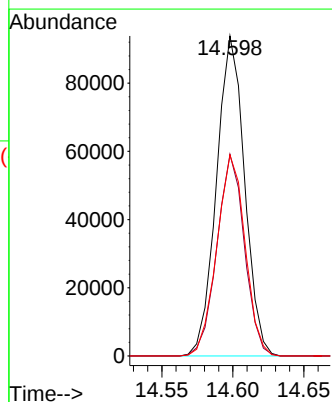
Tgt Ion:250 Resp: 129345

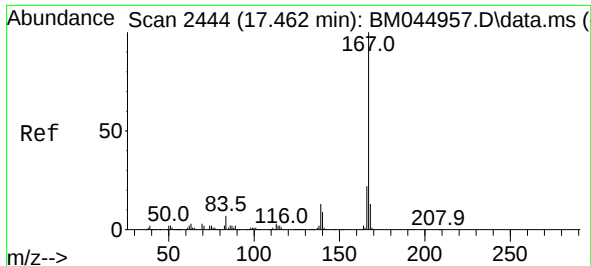
Ion Ratio Lower Upper

250 100

248 63.0 49.8 74.6

252 62.7 49.4 74.2

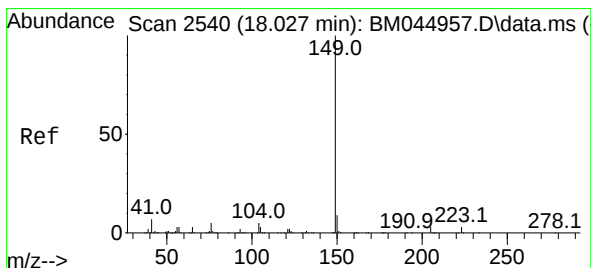
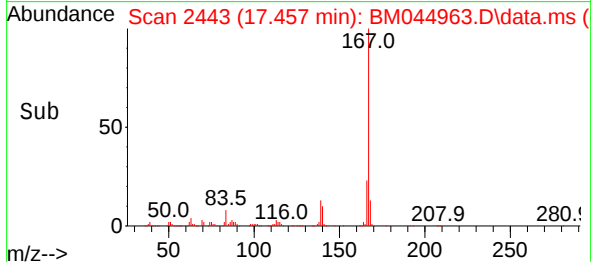
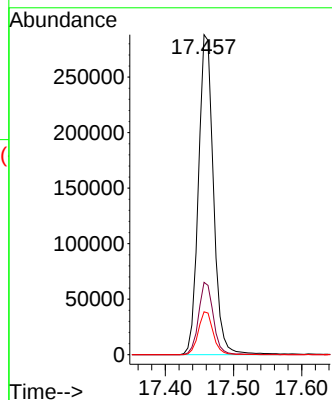
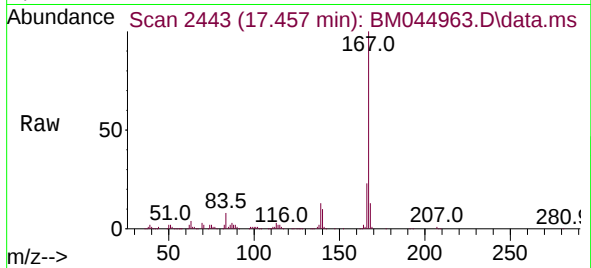




#77
Carbazole
Concen: 20.105 ng/ul
RT: 17.457 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

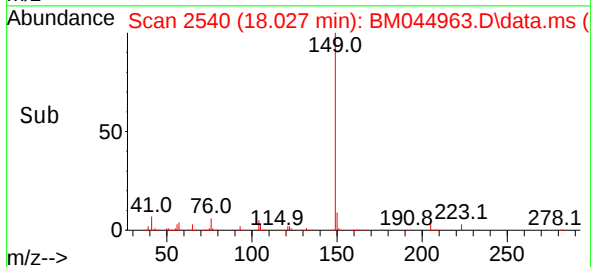
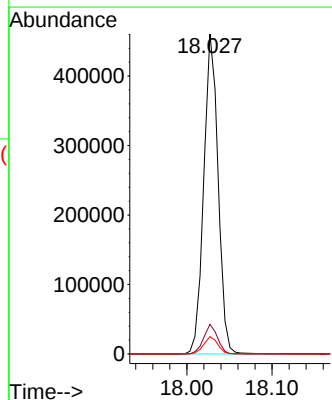
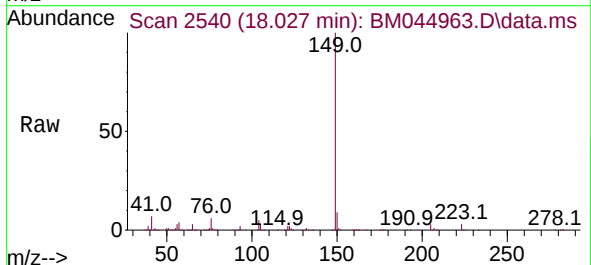
Instrument :
BNA_M
ClientSampleId :

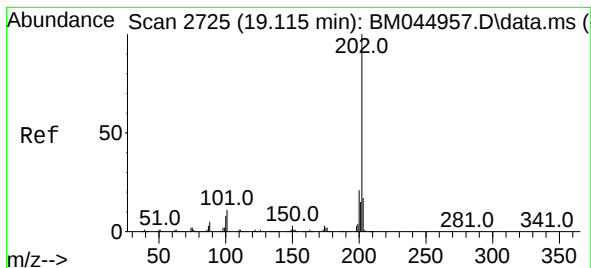
Tgt Ion:167 Resp: 441419
Ion Ratio Lower Upper
167 100
166 22.6 17.3 25.9
139 13.4 10.7 16.1



#78
Di-n-butylphthalate
Concen: 21.753 ng/ul
RT: 18.027 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BM044963.D
Acq: 06 Apr 2024 10:41

Tgt Ion:149 Resp: 538609
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.4 4.3 6.5





#80

Fluoranthene

Concen: 22.919 ng/ul

RT: 19.115 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

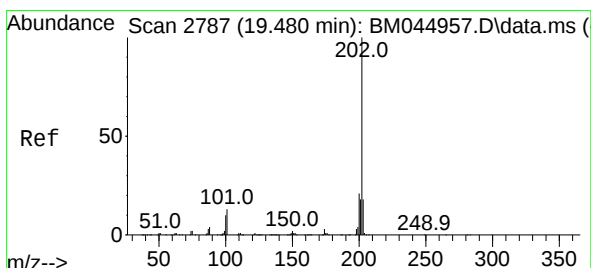
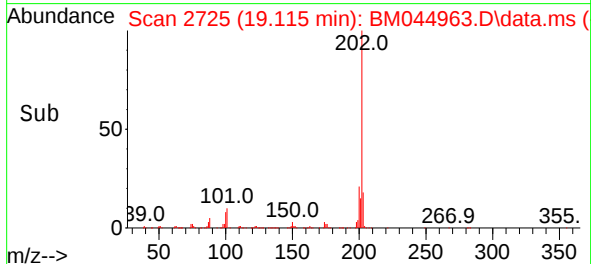
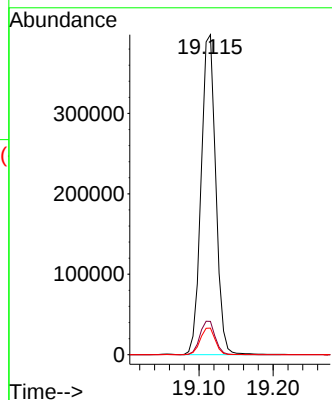
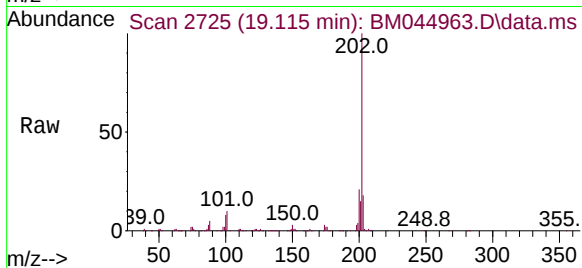
Tgt Ion:202 Resp: 546548

Ion Ratio Lower Upper

202 100

101 10.4 8.7 13.1

100 8.3 6.3 9.5



#82

Pyrene

Concen: 22.813 ng/ul

RT: 19.480 min Scan# 2787

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

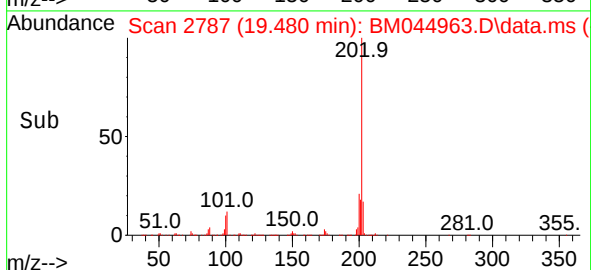
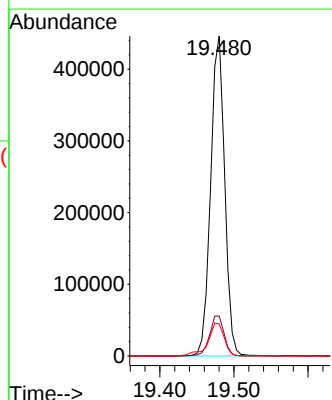
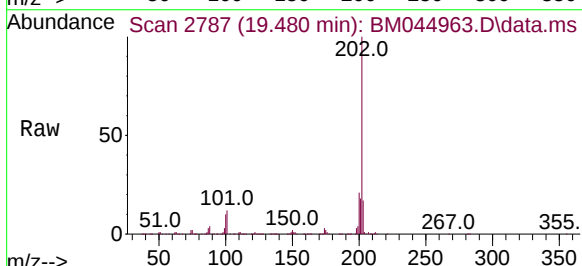
Tgt Ion:202 Resp: 587067

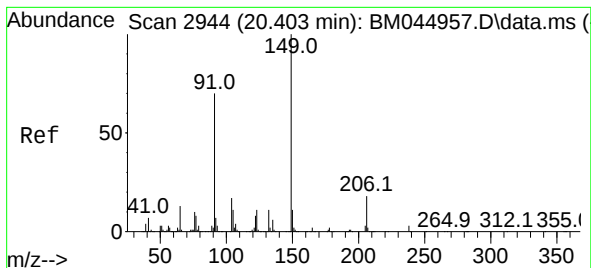
Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.4

100 10.0 8.5 12.7





#83

Butylbenzylphthalate

Concen: 22.655 ng/ul

RT: 20.403 min Scan# 2944

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

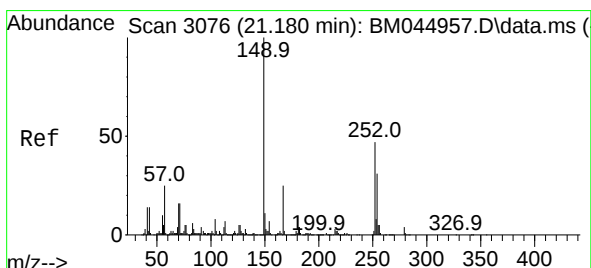
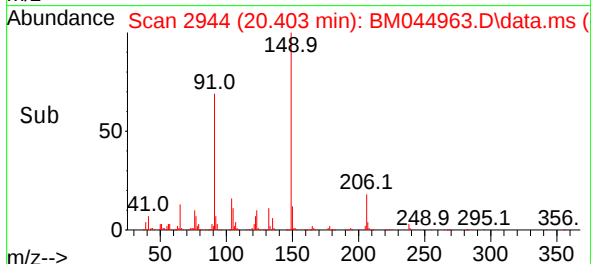
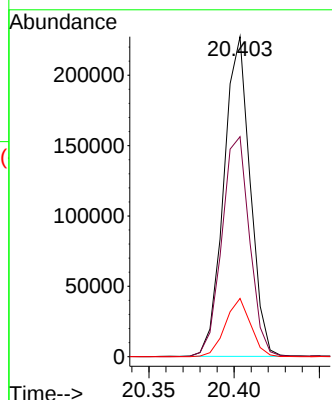
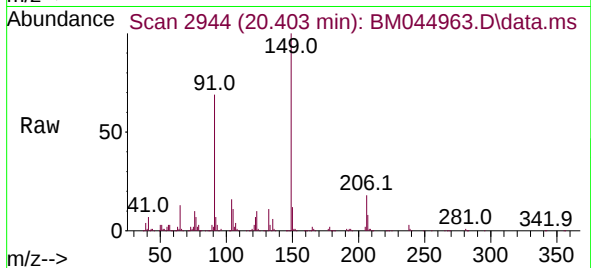
Tgt Ion:149 Resp: 244260

Ion Ratio Lower Upper

149 100

91 68.7 56.2 84.4

206 18.2 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 21.106 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

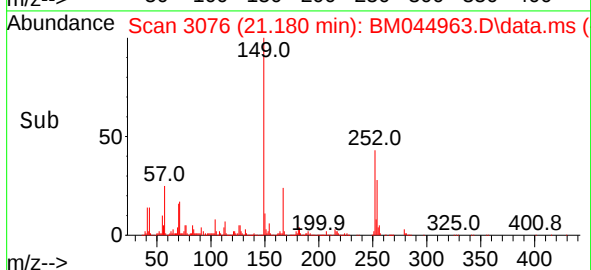
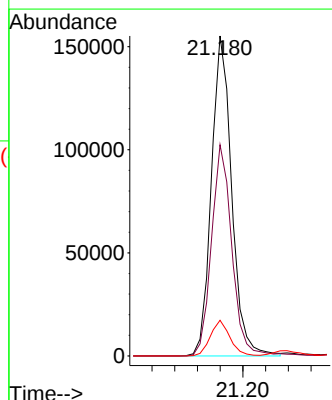
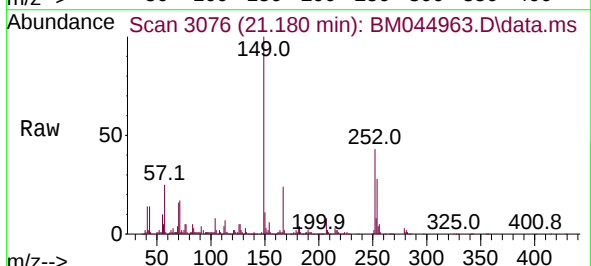
Tgt Ion:252 Resp: 192703

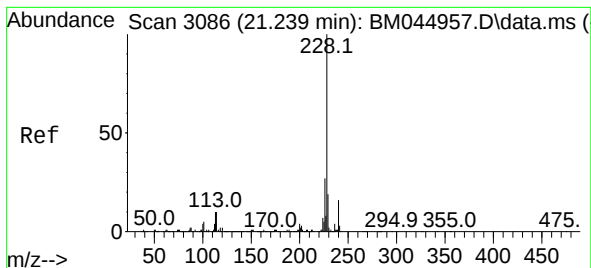
Ion Ratio Lower Upper

252 100

254 66.0 53.9 80.9

126 11.2 9.0 13.4





#85

Benzo(a)anthracene

Concen: 21.483 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

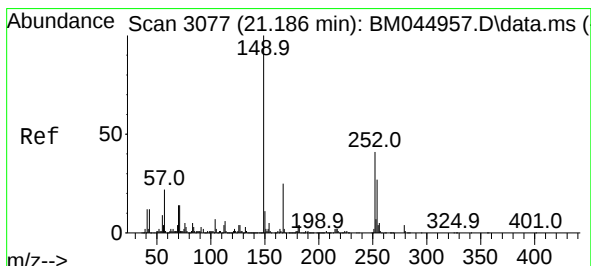
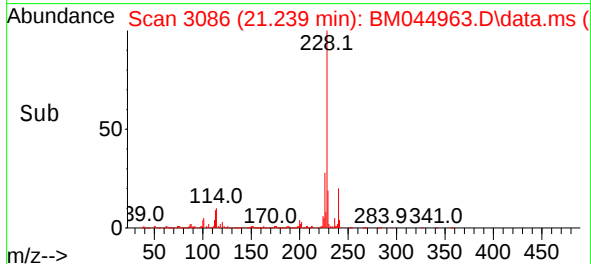
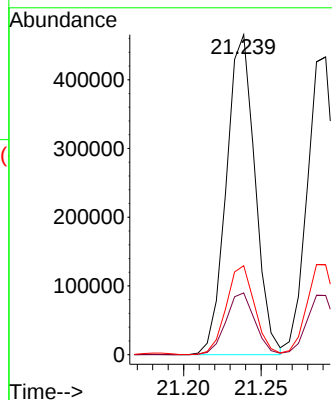
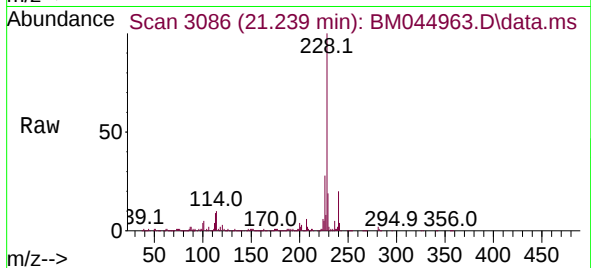
Tgt Ion:228 Resp: 598547

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 27.8 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.903 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

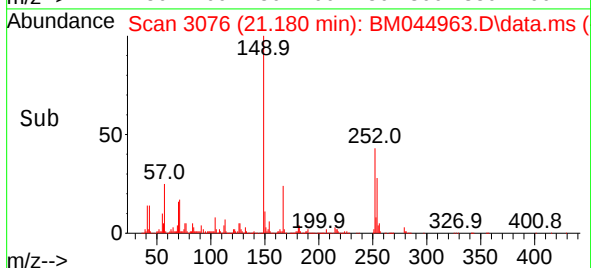
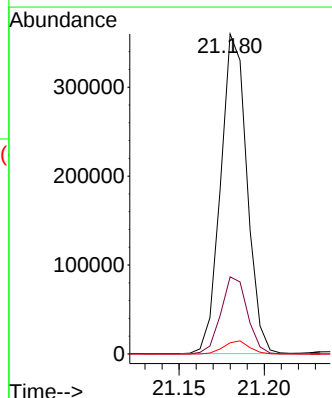
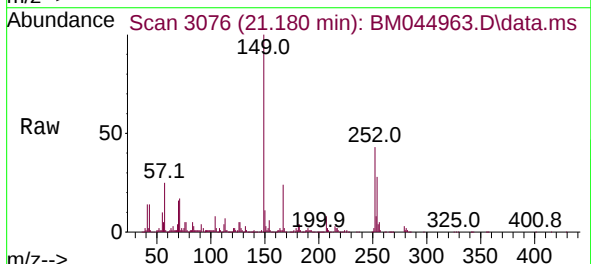
Tgt Ion:149 Resp: 385993

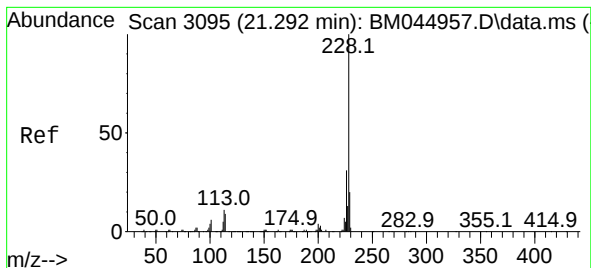
Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

279 3.5 3.3 4.9





#87

Chrysene

Concen: 21.279 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

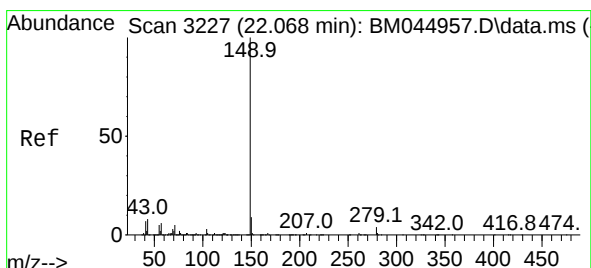
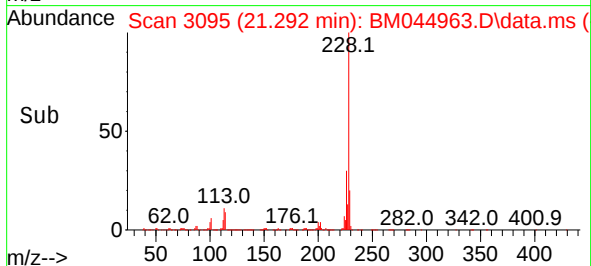
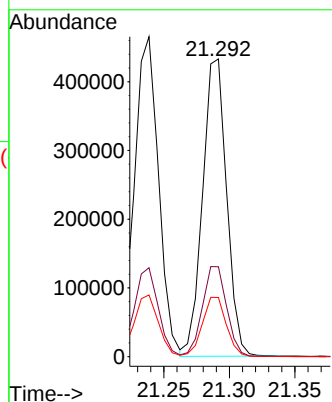
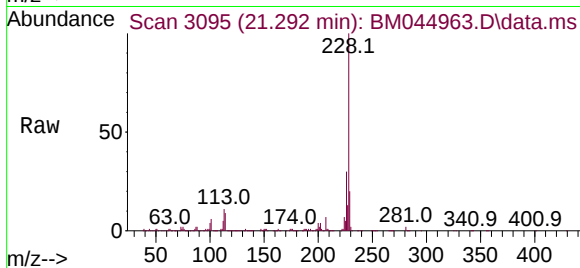
Tgt Ion:228 Resp: 552685

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.9 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 21.273 ng/ul

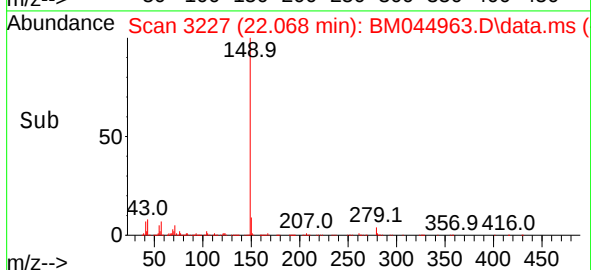
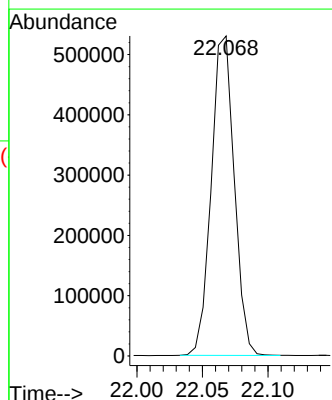
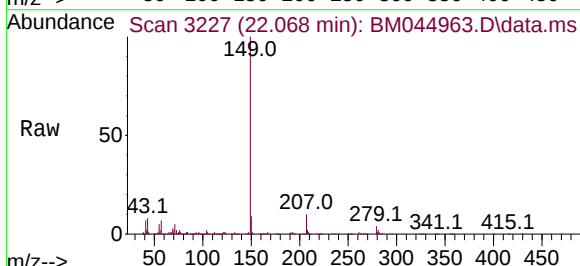
RT: 22.068 min Scan# 3227

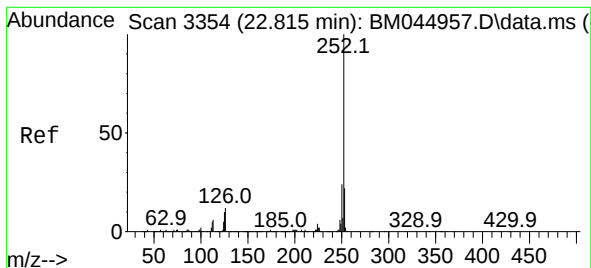
Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Tgt Ion:149 Resp: 646907





#90

Benzo(b)fluoranthene

Concen: 21.985 ng/ul

RT: 22.809 min Scan# 3353

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

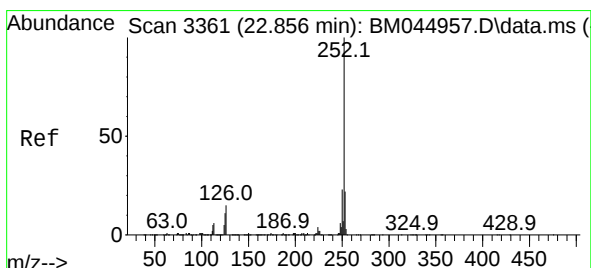
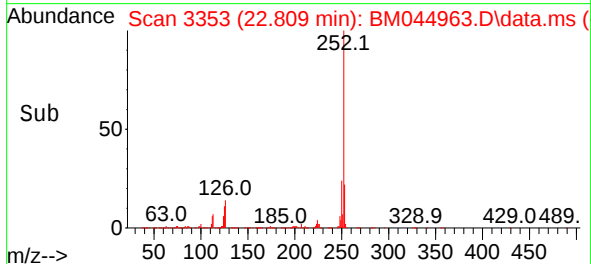
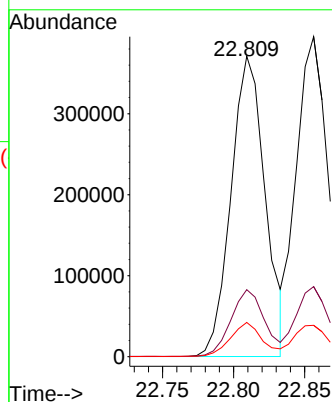
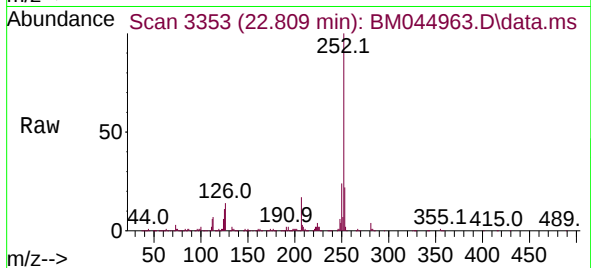
Tgt Ion:252 Resp: 619325

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 11.4 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 21.957 ng/ul

RT: 22.856 min Scan# 3361

Delta R.T. 0.000 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

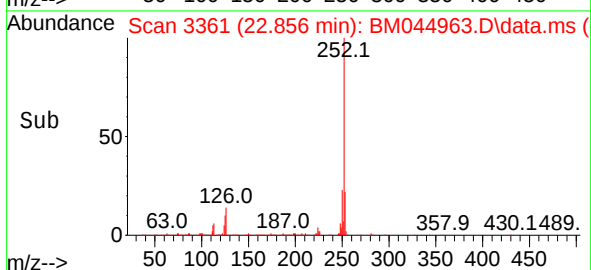
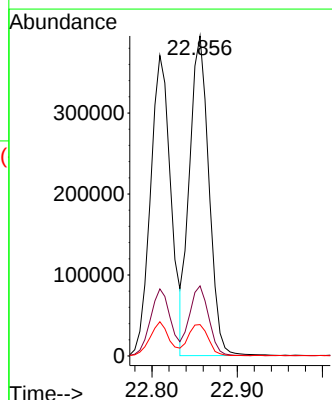
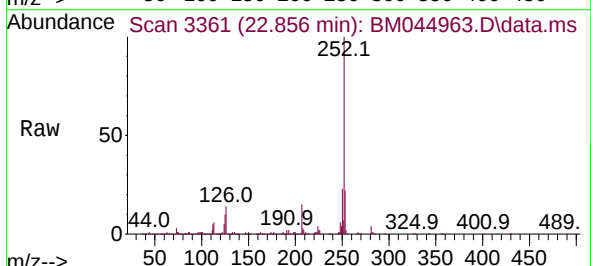
Tgt Ion:252 Resp: 622546

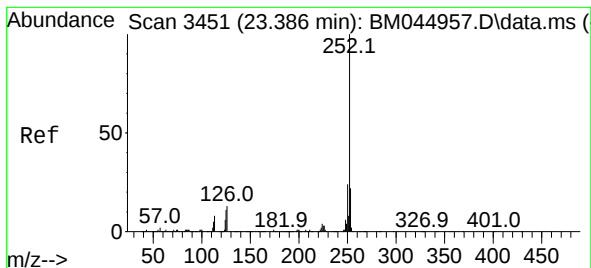
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.578 ng/ul

RT: 23.380 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

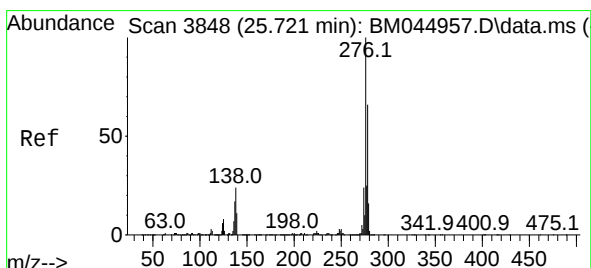
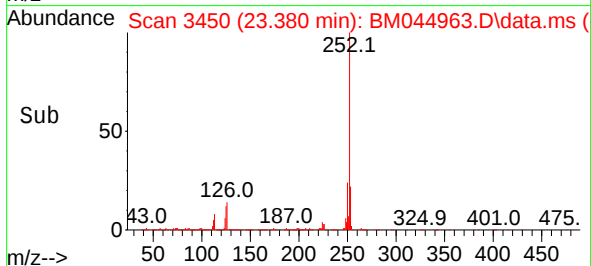
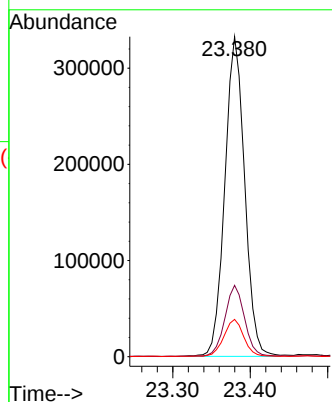
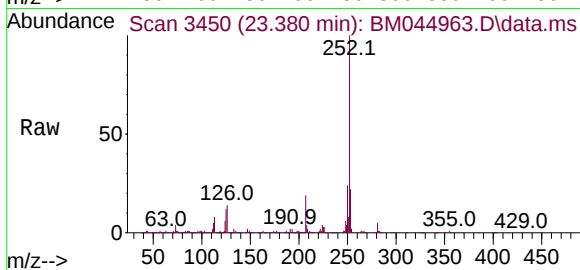
Tgt Ion:252 Resp: 591581

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.7 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.932 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

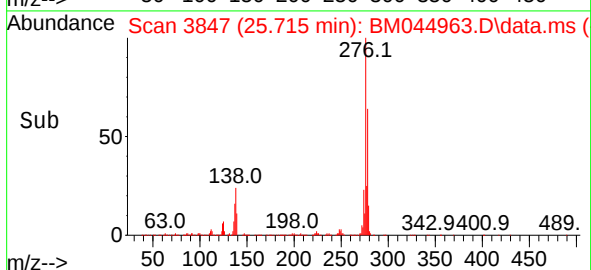
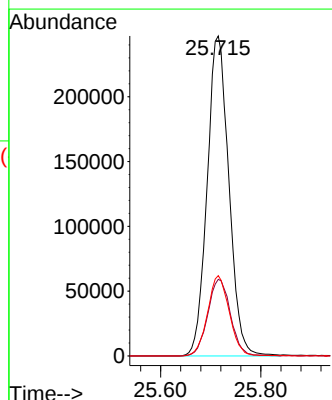
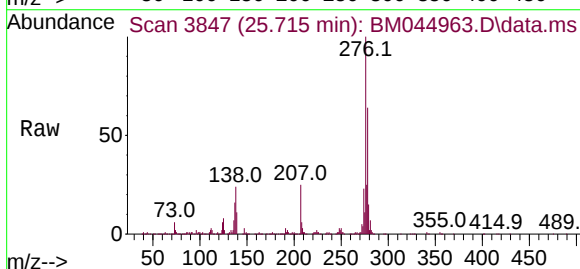
Tgt Ion:276 Resp: 743351

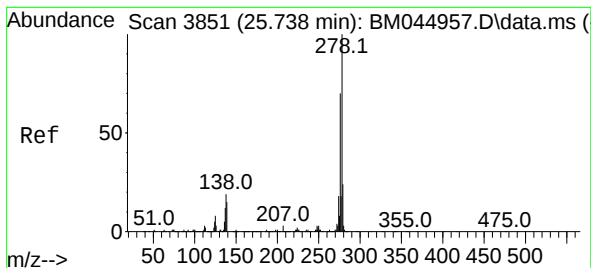
Ion Ratio Lower Upper

276 100

138 23.9 19.0 28.6

277 25.1 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 20.720 ng/ul

RT: 25.733 min Scan# 3851

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Instrument :

BNA_M

ClientSampleId :

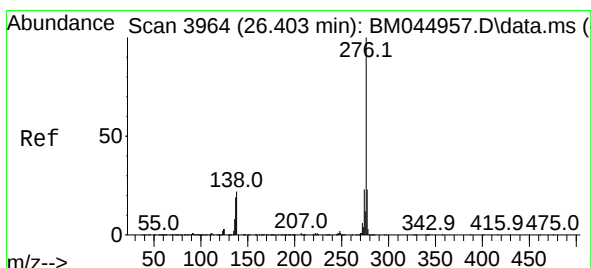
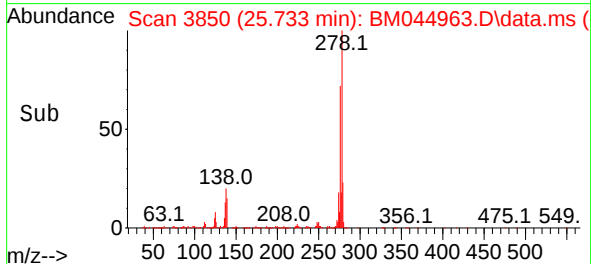
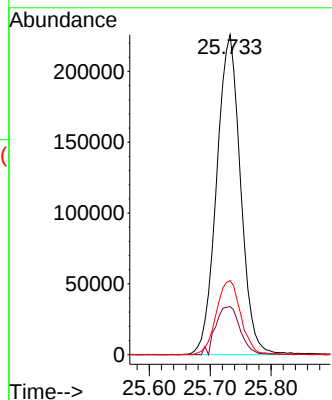
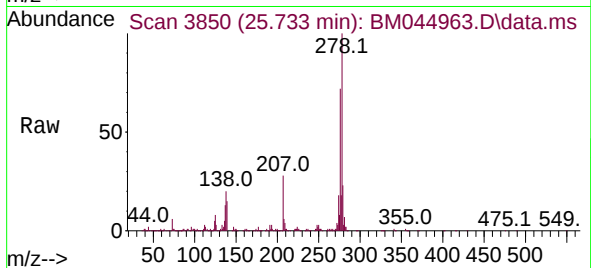
Tgt Ion:278 Resp: 615227

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

279 23.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.694 ng/ul

RT: 26.397 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM044963.D

Acq: 06 Apr 2024 10:41

Tgt Ion:276 Resp: 579761

Ion Ratio Lower Upper

276 100

138 21.6 17.8 26.6

277 23.8 18.7 28.1

