

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044979.D
 Acq On : 06 Apr 2024 20:15
 Operator : MA/JU
 Sample : PB160048BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 01:53:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	78687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	369107	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	243452	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	530101	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	503629	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	576000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	14279	6.776	ng/uL	0.00
4) Pyridine-d5	3.605	84	166636	29.080	ng/ul	0.00
7) Phenol-d5	6.816	99	211594	31.720	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	124959	31.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	170536	32.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	170894	32.729	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	87041	30.700	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	98390	32.878	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	175920	32.063	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	243453	27.870	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	507432	29.935	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	605047	30.214	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	100703	28.466	ng/ul	0.00
60) Fluorene-d10	15.286	176	448690	29.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	89670	28.529	ng/ul	0.00
73) Anthracene-d10	17.145	188	699595	29.337	ng/ul	0.00
81) Pyrene-d10	19.451	212	808774	32.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.339	264	865072	30.787	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	20671	9.393	ng/uL	89
5) Pyridine	3.628	79	167428	27.575	ng/ul	98
6) Benzaldehyde	6.798	77	122557	39.633	ng/ul	100
8) Phenol	6.846	94	215908	31.256	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.081	93	160072	29.692	ng/ul	99
12) 2-Chlorophenol	7.198	128	172955	31.539	ng/ul	97
13) 2-Methylphenol	8.081	108	157769	30.942	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	190055	29.557	ng/ul	98
16) Acetophenone	8.463	105	254800	30.015	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.445	70	130630	32.591	ng/ul	96
18) 4-Methylphenol	8.410	108	174710	31.790	ng/ul	98
19) Hexachloroethane	8.687	117	74496	30.886	ng/ul	99
22) Nitrobenzene	8.839	77	200340	28.801	ng/ul	98
23) Isophorone	9.363	82	369247	28.892	ng/ul	98
25) 2-Nitrophenol	9.539	139	102131	30.749	ng/ul	91
26) 2,4-Dimethylphenol	9.598	107	173506	27.095	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.845	93	219448	28.964	ng/ul	97
29) 2,4-Dichlorophenol	10.063	162	169238	30.530	ng/ul	98
30) Naphthalene	10.457	128	534967	27.379	ng/ul	99
32) 4-Chloroaniline	10.586	127	229259	26.972	ng/ul	98
33) Hexachlorobutadiene	10.722	225	90815	26.349	ng/ul	92
34) Caprolactam	11.386	113	35224	18.822	ng/ul	95
35) 4-Chloro-3-methylphenol	11.716	107	179183	32.517	ng/ul	96
36) 2-Methylnaphthalene	12.080	142	369362	28.952	ng/ul	99

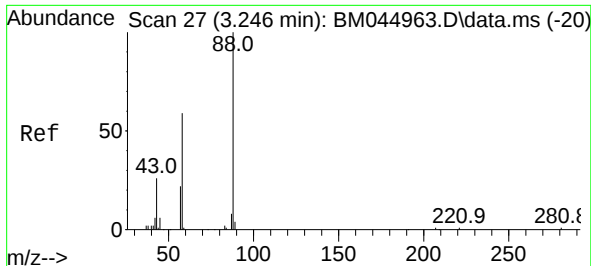
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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 Quant Title : SVOA CALIBRATION
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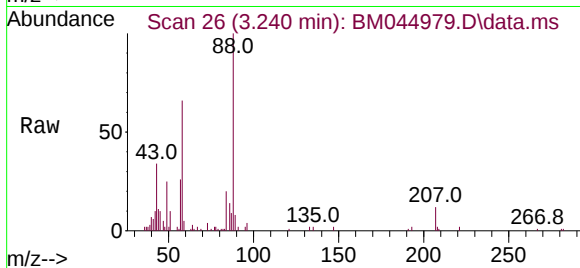
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	379750	29.414	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	186579	28.023	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	86797	21.536	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	134548	30.979	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	148023	30.932	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	484975	28.211	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	378760	27.118	ng/ul	99
45) 2-Nitroaniline	13.380	65	121732	31.574	ng/ul	98
47) Dimethylphthalate	13.757	163	490898	27.707	ng/ul	98
48) 2,6-Dinitrotoluene	13.886	165	101253	29.157	ng/ul	89
50) Acenaphthylene	14.004	152	648217	27.715	ng/ul	99
51) 3-Nitroaniline	14.216	138	114044	30.107	ng/ul	89
52) Acenaphthene	14.351	153	428681	27.468	ng/ul	97
53) 2,4-Dinitrophenol	14.433	184	60868	29.481	ng/ul	99
55) 4-Nitrophenol	14.533	109	87768	28.210	ng/ul	90
56) Dibenzofuran	14.686	168	597164	27.962	ng/ul	97
57) 2,4-Dinitrotoluene	14.680	165	155774	29.967	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	123543	30.164	ng/ul	97
59) Diethylphthalate	15.127	149	509528	28.189	ng/ul	99
61) Fluorene	15.339	166	499803	27.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	229424	27.193	ng/ul	95
63) 4-Nitroaniline	15.386	138	103880	30.163	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.439	198	92796	27.569	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	416510	29.126	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	143611	27.816	ng/ul	96
69) Hexachlorobenzene	16.339	284	181817	27.073	ng/ul	95
70) Atrazine	16.527	200	149149	28.354	ng/ul	98
71) Pentachlorophenol	16.692	266	117917	28.905	ng/ul	96
72) Phenanthrene	17.086	178	774279	27.142	ng/ul	99
74) Anthracene	17.180	178	783624	26.854	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	186523	27.917	ng/uL	99
76) Pentachlorobenzene	14.598	250	197156	27.734	ng/uL	98
77) Carbazole	17.462	167	739070	26.266	ng/ul	100
78) Di-n-butylphthalate	18.027	149	963953	30.378	ng/ul	99
80) Fluoranthene	19.115	202	913330	31.226	ng/ul	99
82) Pyrene	19.480	202	978552	31.003	ng/ul	99
83) Butylbenzylphthalate	20.403	149	453875	34.322	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	342823	30.614	ng/ul	96
85) Benzo(a)anthracene	21.239	228	967671	28.317	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	717911	34.730	ng/ul	99
87) Chrysene	21.292	228	902032	28.316	ng/ul	99
89) Di-n-octyl phthalate	22.062	149	1245107	34.357	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	1002641	29.866	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	979207	28.979	ng/ul	99
93) Benzo(a)pyrene	23.380	252	842418	25.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	1197305	28.290	ng/ul	100
95) Dibenzo(a,h)anthracene	25.733	278	987450	27.906	ng/ul	98
96) Benzo(g,h,i)perylene	26.397	276	907534	27.181	ng/ul	99

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

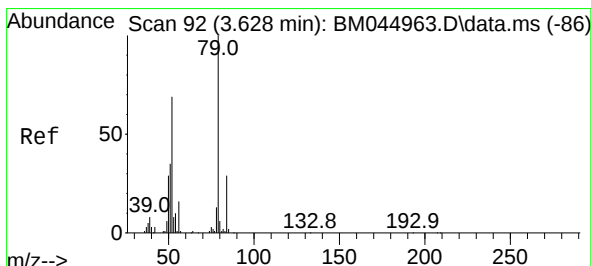
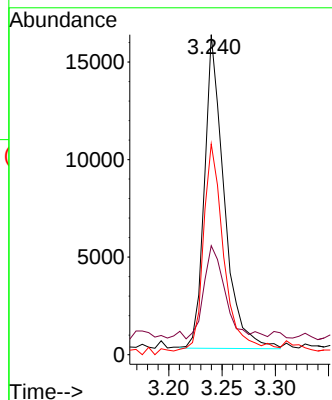
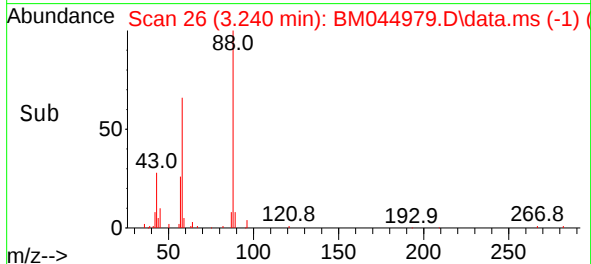


#2
1,4-Dioxane
Concen: 9.393 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044979.D
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Instrument :
BNA_M
ClientSampleId :

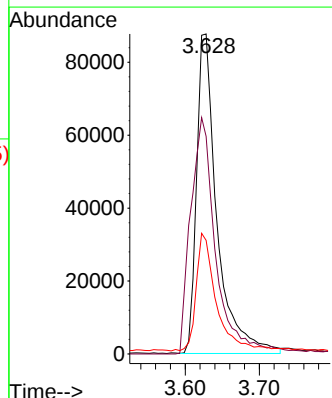
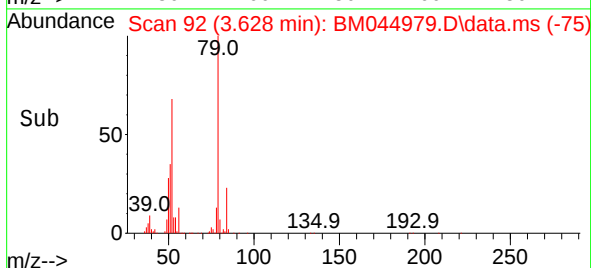
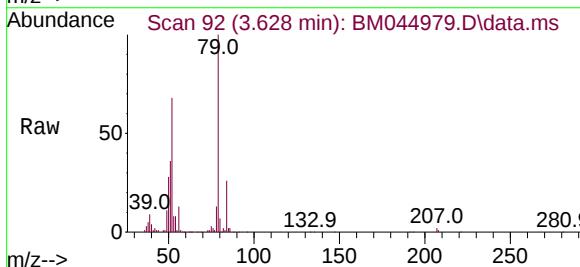


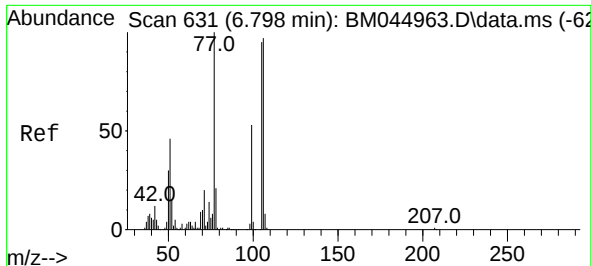
Tgt Ion: 88 Resp: 20671
Ion Ratio Lower Upper
88 100
43 34.0 24.0 36.0
58 65.8 45.4 68.2



#5
Pyridine
Concen: 27.575 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion: 79 Resp: 167428
Ion Ratio Lower Upper
79 100
52 68.0 56.0 84.0
51 35.5 27.6 41.4

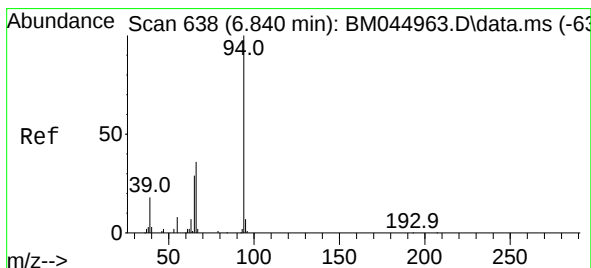
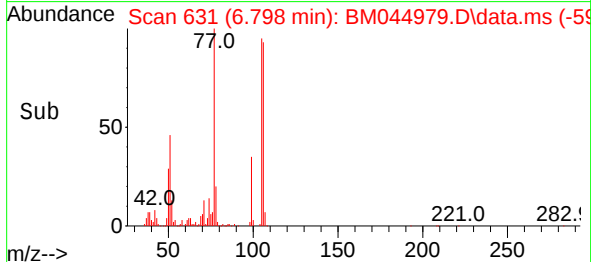
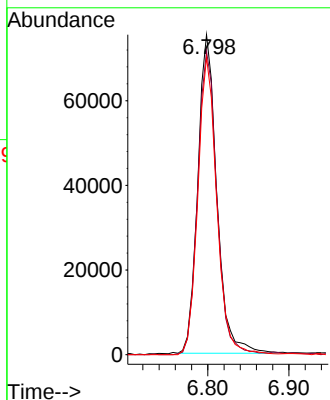
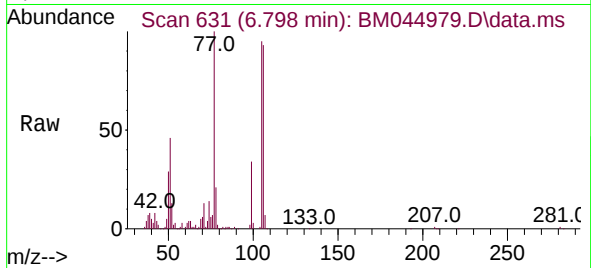




#6
Benzaldehyde
Concen: 39.633 ng/ul
RT: 6.798 min Scan# 631
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

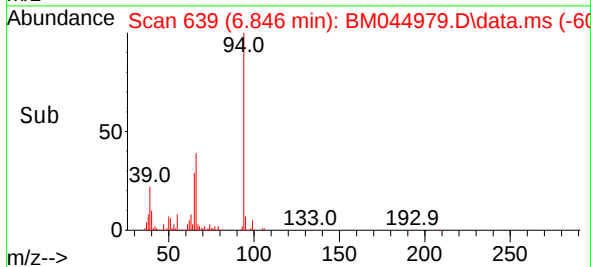
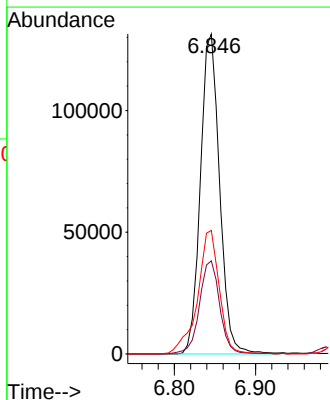
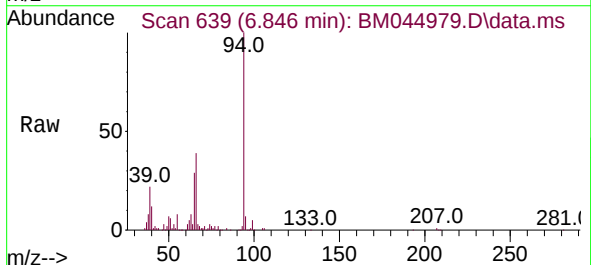
Instrument :
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ClientSampleId :

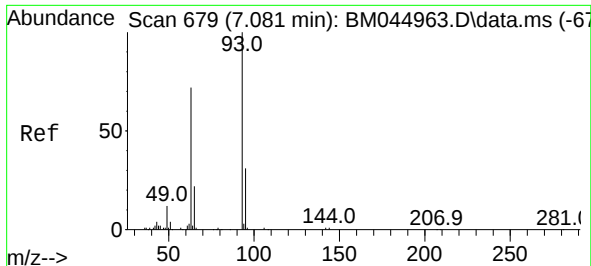
Tgt Ion: 77 Resp: 122557
Ion Ratio Lower Upper
77 100
105 94.8 75.8 113.6
106 93.0 74.6 112.0



#8
Phenol
Concen: 31.256 ng/ul
RT: 6.846 min Scan# 639
Delta R.T. 0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion: 94 Resp: 215908
Ion Ratio Lower Upper
94 100
65 29.1 21.7 32.5
66 38.6 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 29.692 ng/ul

RT: 7.081 min Scan# 679

Delta R.T. -0.000 min

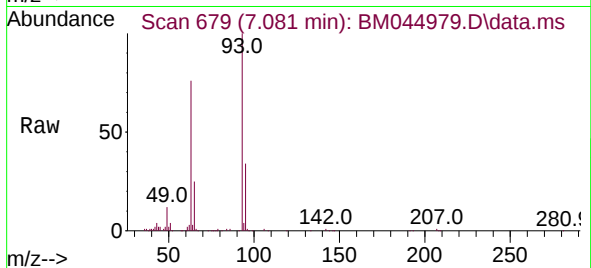
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Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :



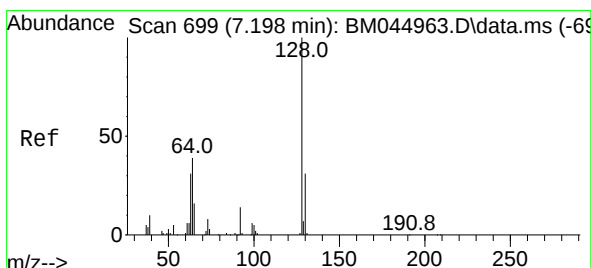
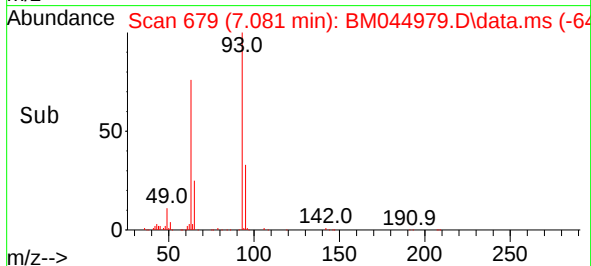
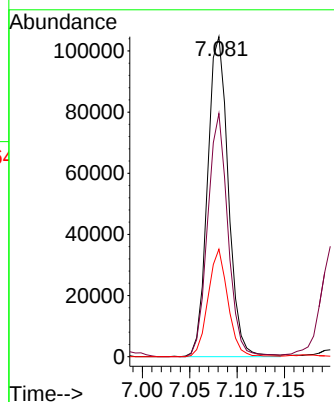
Tgt Ion: 93 Resp: 160072

Ion Ratio Lower Upper

93 100

63 76.0 61.3 91.9

95 33.6 27.6 41.4



#12

2-Chlorophenol

Concen: 31.539 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

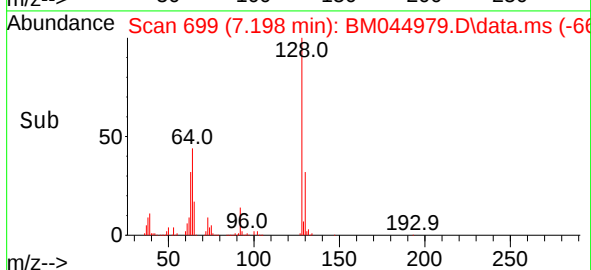
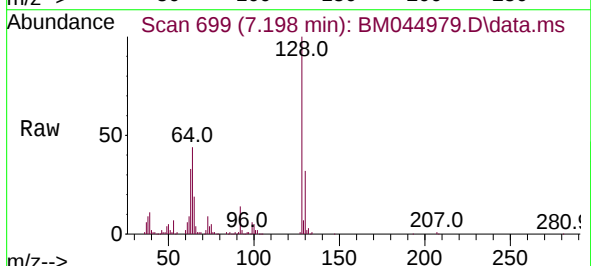
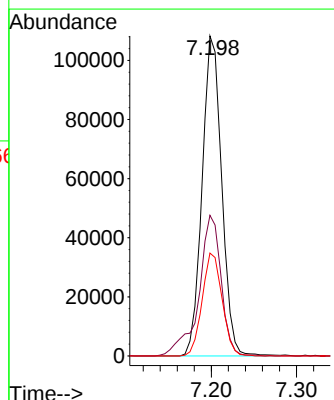
Tgt Ion: 128 Resp: 172955

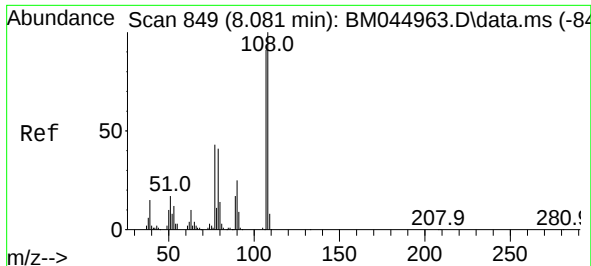
Ion Ratio Lower Upper

128 100

64 44.0 33.3 49.9

130 32.2 26.2 39.4





#13

2-Methylphenol

Concen: 30.942 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

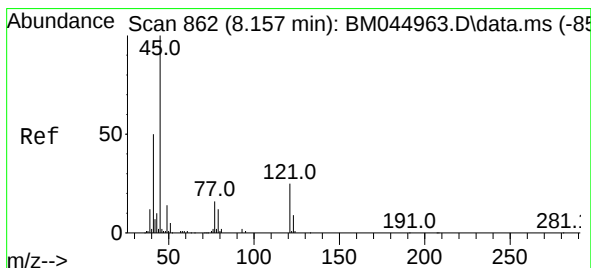
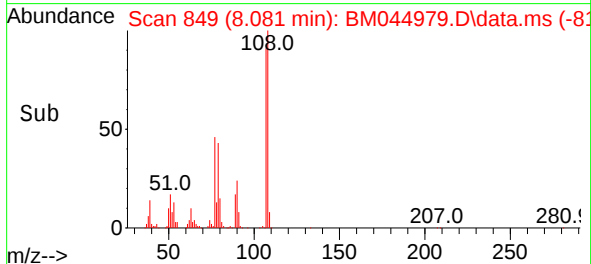
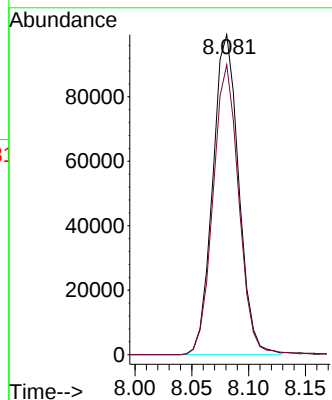
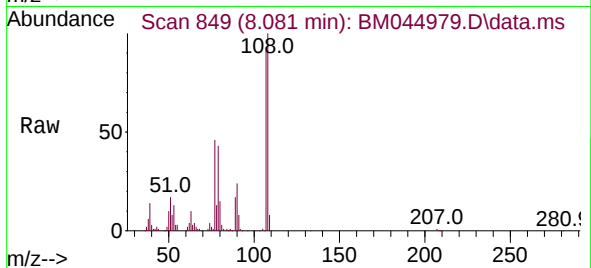
ClientSampleId :

Tgt Ion:108 Resp: 157769

Ion Ratio Lower Upper

108 100

107 90.6 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.557 ng/ul

RT: 8.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

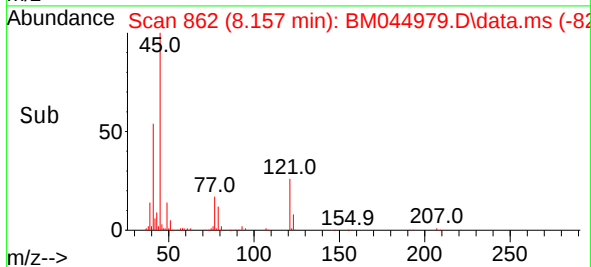
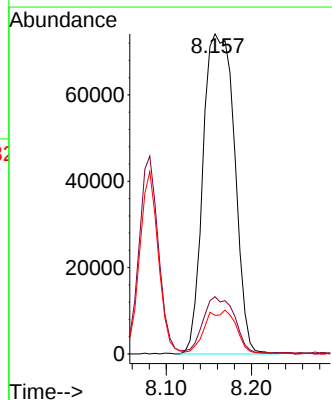
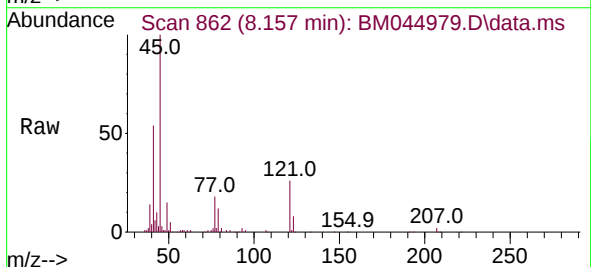
Tgt Ion: 45 Resp: 190055

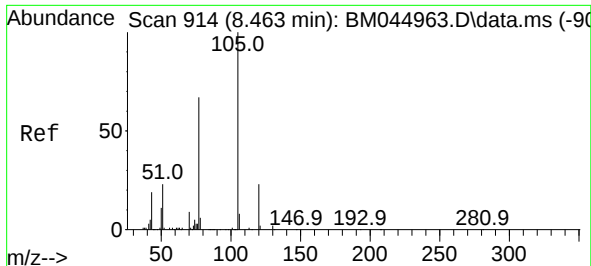
Ion Ratio Lower Upper

45 100

77 17.9 13.4 20.0

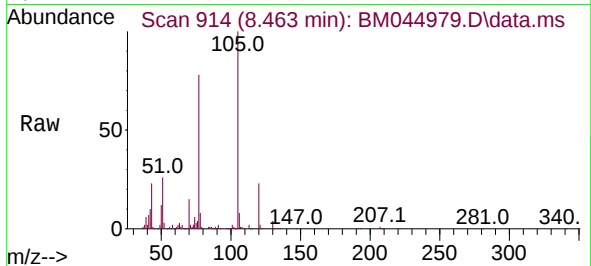
79 12.0 10.1 15.1



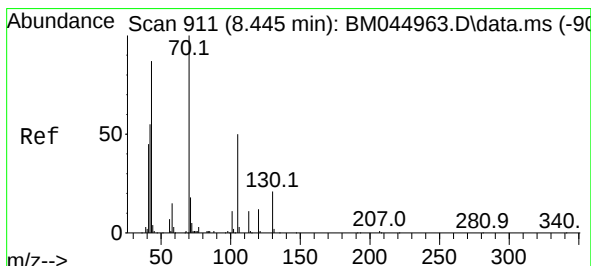
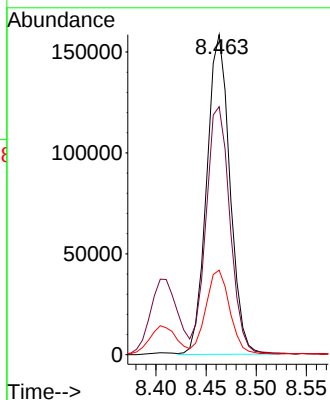
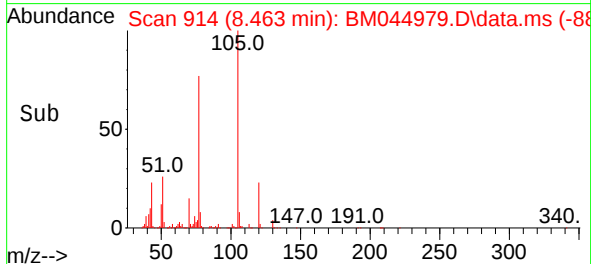


#16
Acetophenone
Concen: 30.015 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

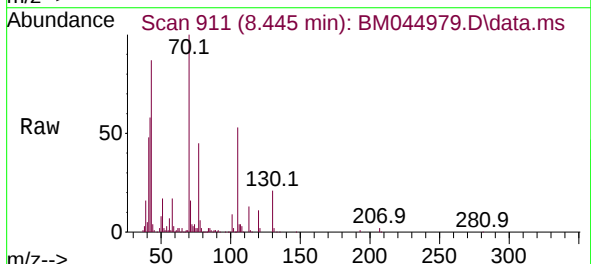
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BNA_M
ClientSampleId :



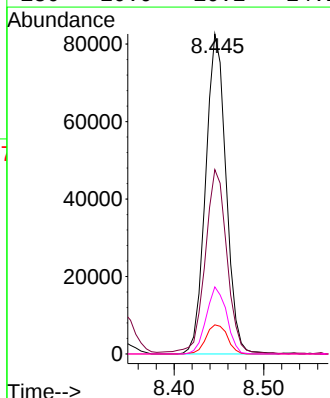
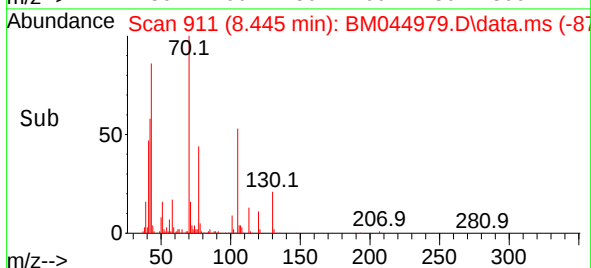
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Ion Ratio Lower Upper
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51 26.4 21.9 32.9

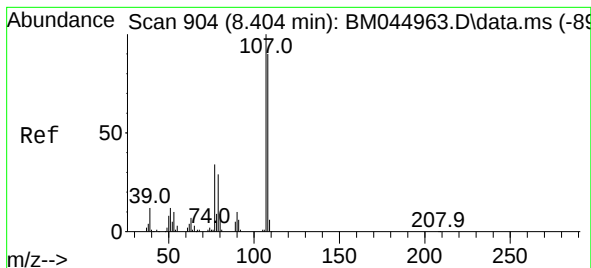


#17
N-Nitroso-di-n-propylamine
Concen: 32.591 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15



Tgt Ion: 70 Resp: 130630
Ion Ratio Lower Upper
70 100
42 57.6 43.2 64.8
101 9.1 6.4 9.6
130 20.9 16.2 24.2

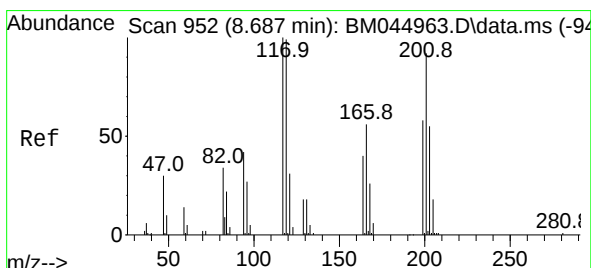
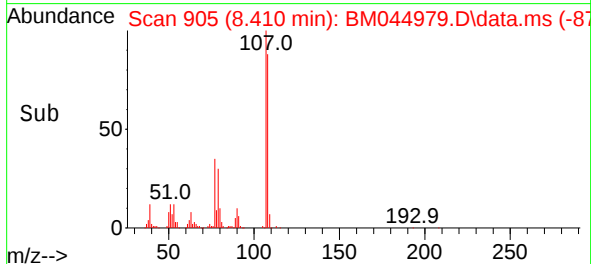
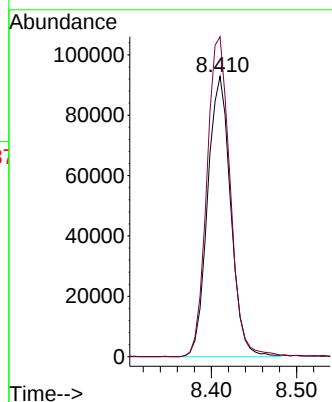
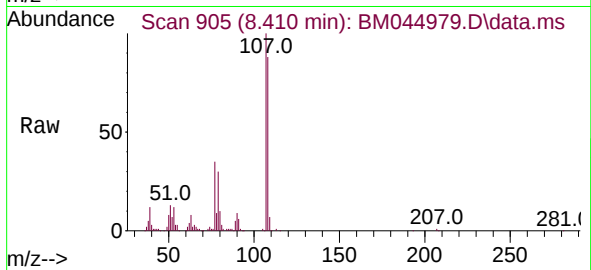




#18
4-Methylphenol
Concen: 31.790 ng/ul
RT: 8.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

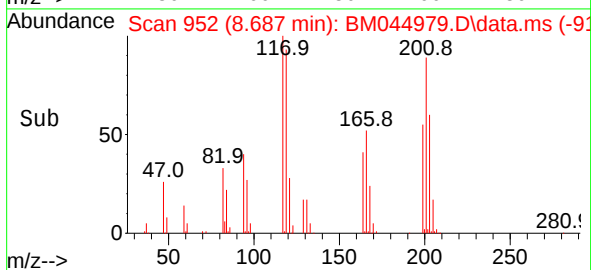
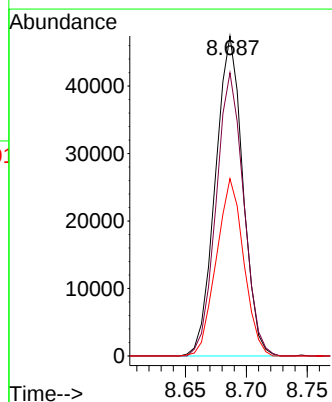
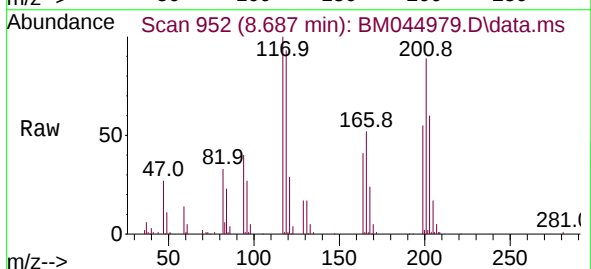
Instrument :
BNA_M
ClientSampleId :

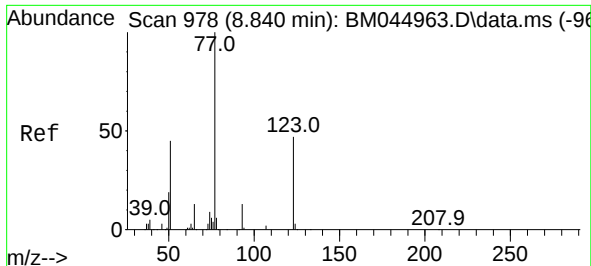
Tgt Ion:108 Resp: 174710
Ion Ratio Lower Upper
108 100
107 114.2 90.0 135.0



#19
Hexachloroethane
Concen: 30.886 ng/ul
RT: 8.687 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:117 Resp: 74496
Ion Ratio Lower Upper
117 100
201 90.3 73.0 109.4
199 55.4 44.4 66.6

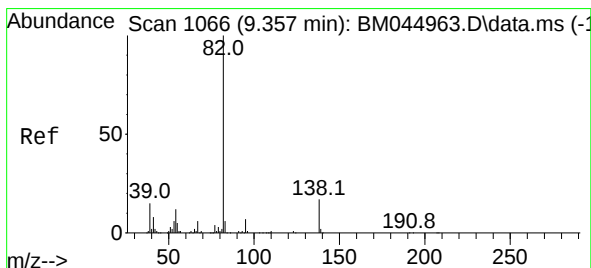
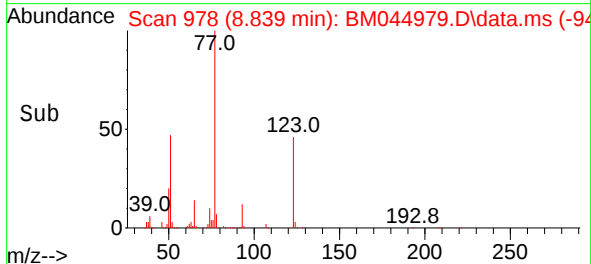
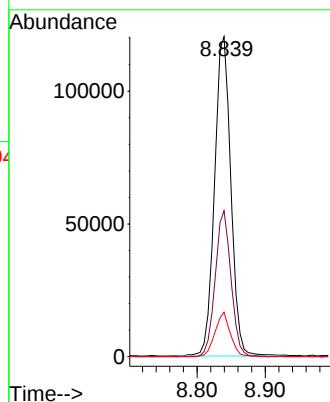
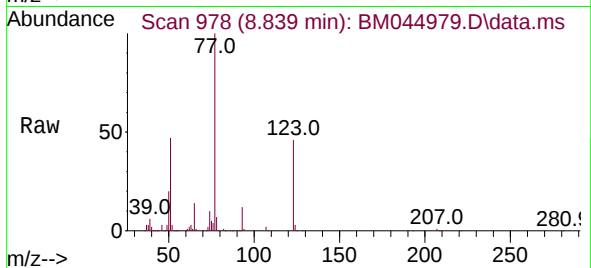




#22
Nitrobenzene
Concen: 28.801 ng/ul
RT: 8.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

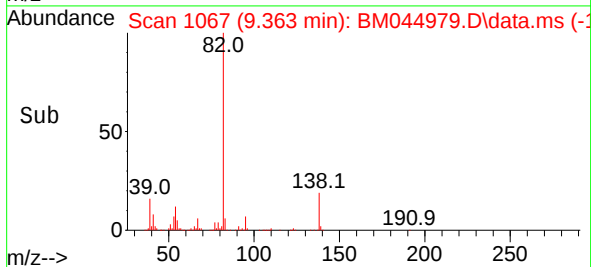
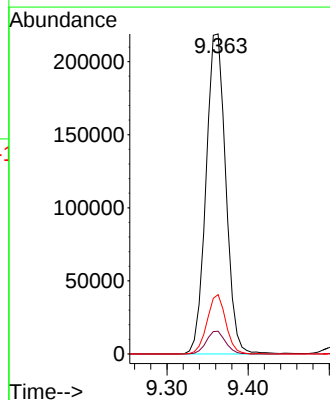
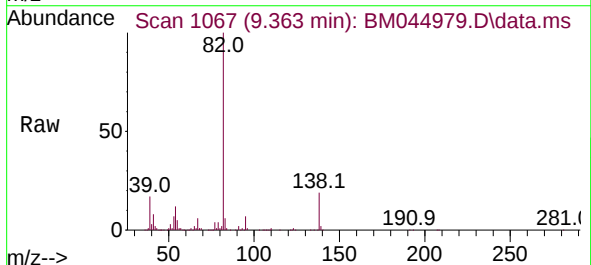
Instrument :
BNA_M
ClientSampleId :

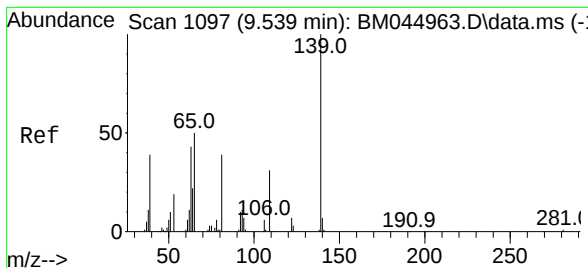
Tgt Ion: 77 Resp: 200340
Ion Ratio Lower Upper
77 100
123 45.6 37.4 56.2
65 13.9 10.7 16.1



#23
Isophorone
Concen: 28.892 ng/ul
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion: 82 Resp: 369247
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 18.5 14.2 21.4

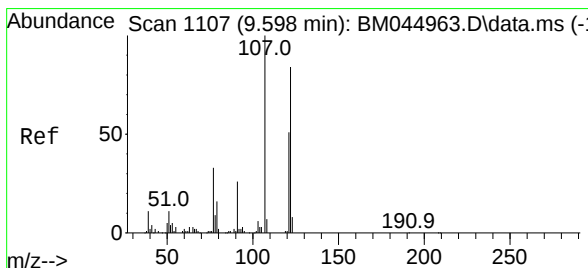
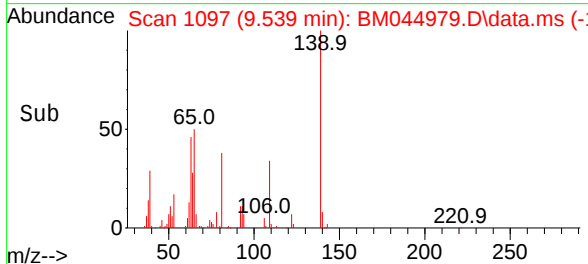
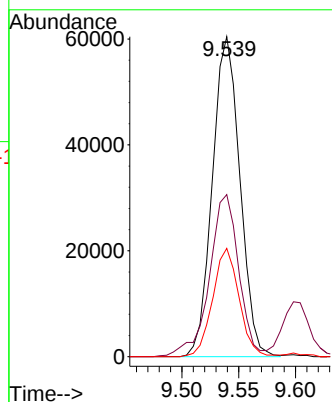
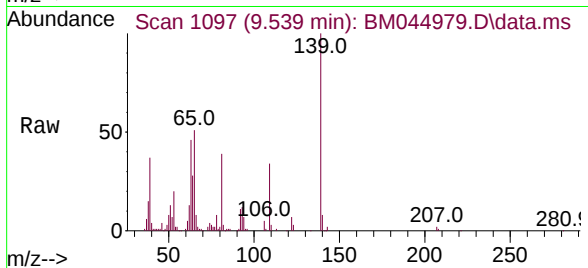




#25
2-Nitrophenol
Concen: 30.749 ng/ul
RT: 9.539 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

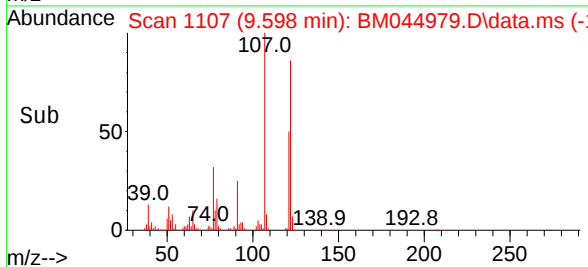
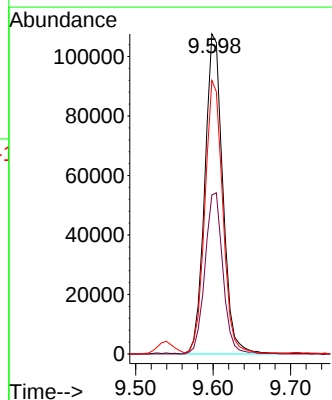
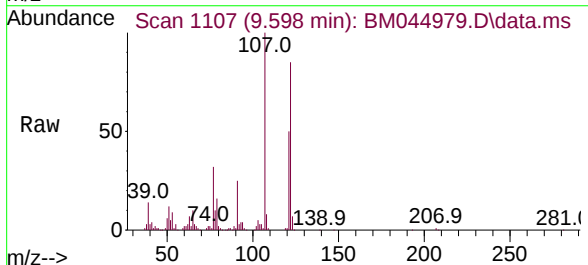
Instrument :
BNA_M
ClientSampleId :

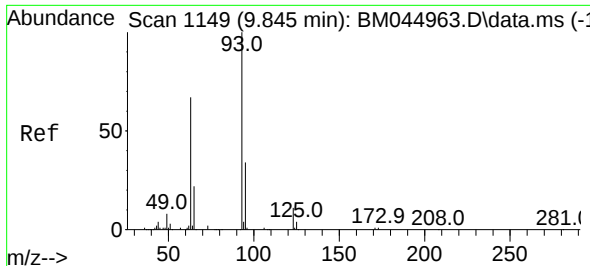
Tgt Ion:139 Resp: 102131
Ion Ratio Lower Upper
139 100
65 50.7 34.9 52.3
109 33.9 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 27.095 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:107 Resp: 173506
Ion Ratio Lower Upper
107 100
121 49.7 41.1 61.7
122 85.5 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 28.964 ng/ul

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

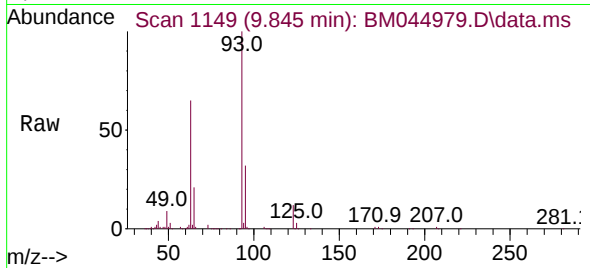
Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :



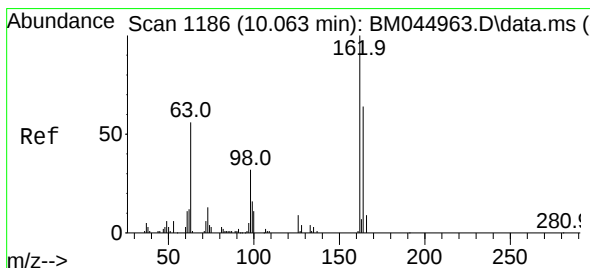
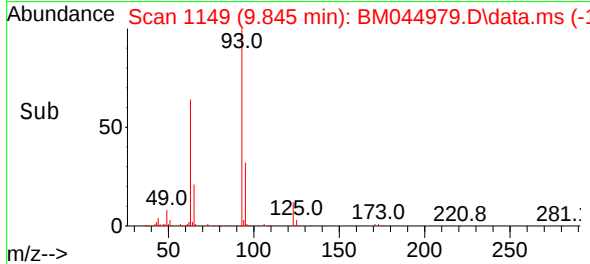
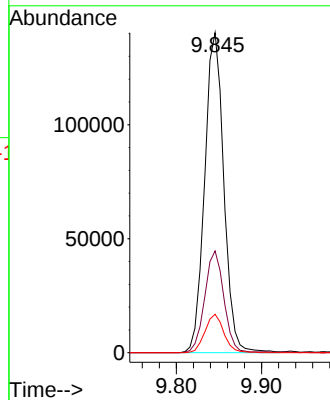
Tgt Ion: 93 Resp: 219448

Ion Ratio Lower Upper

93 100

95 31.8 26.9 40.3

123 12.0 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 30.530 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

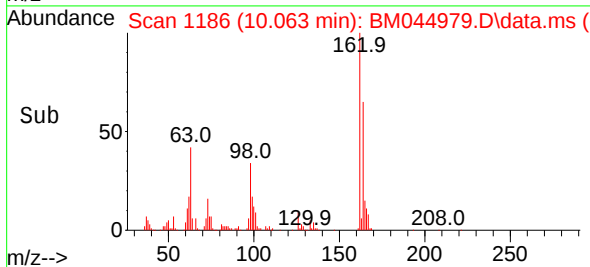
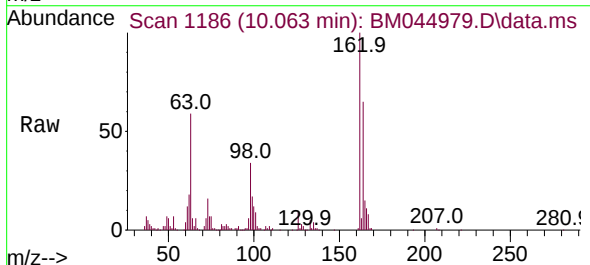
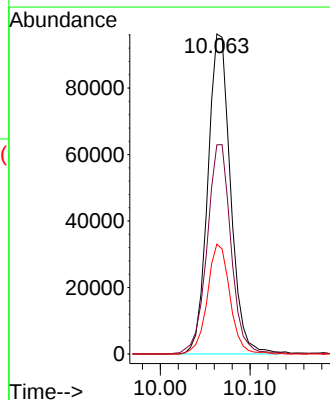
Tgt Ion:162 Resp: 169238

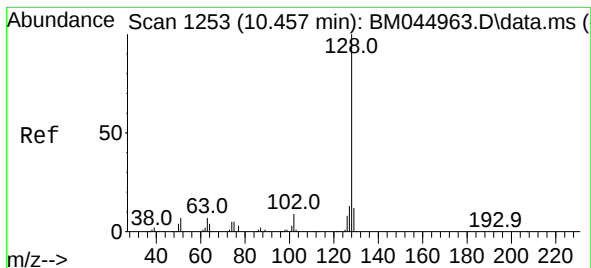
Ion Ratio Lower Upper

162 100

164 65.3 50.4 75.6

98 34.3 27.0 40.4





#30

Naphthalene

Concen: 27.379 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

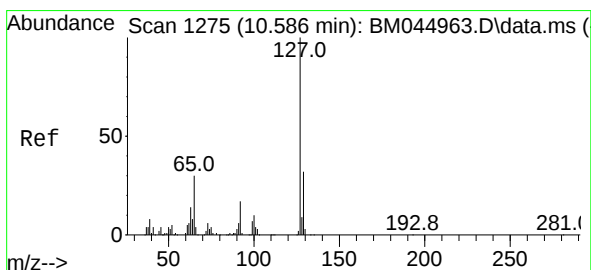
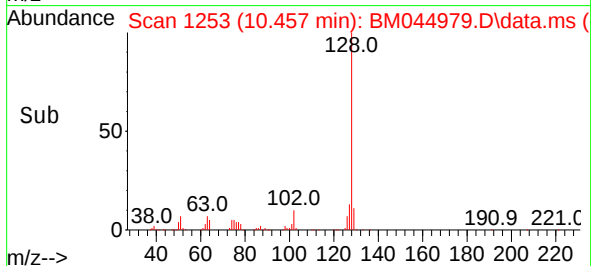
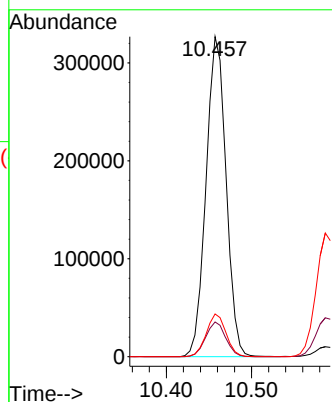
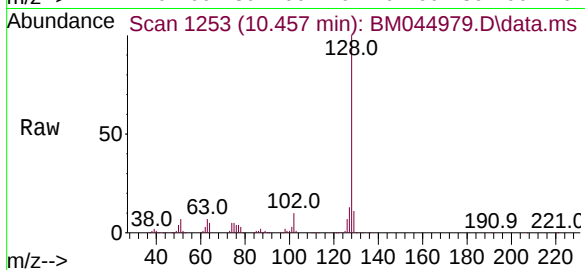
Tgt Ion:128 Resp: 534967

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.3 10.2 15.4



#32

4-Chloroaniline

Concen: 26.972 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM044979.D

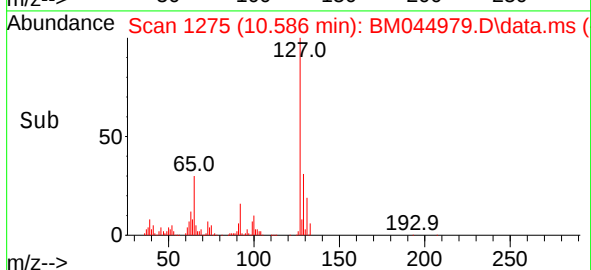
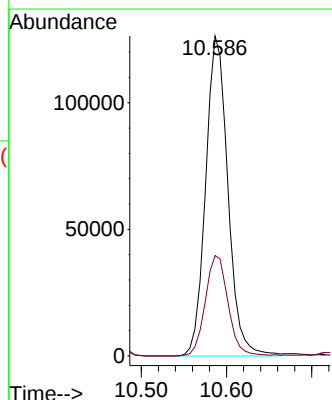
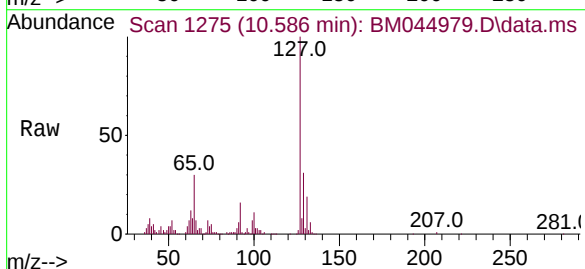
Acq: 06 Apr 2024 20:15

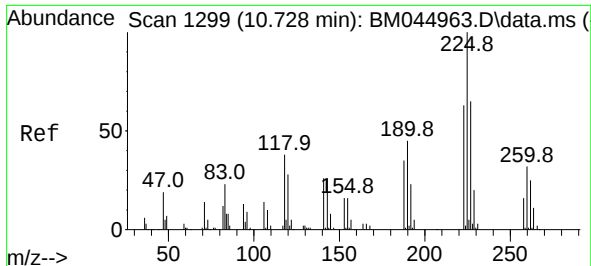
Tgt Ion:127 Resp: 229259

Ion Ratio Lower Upper

127 100

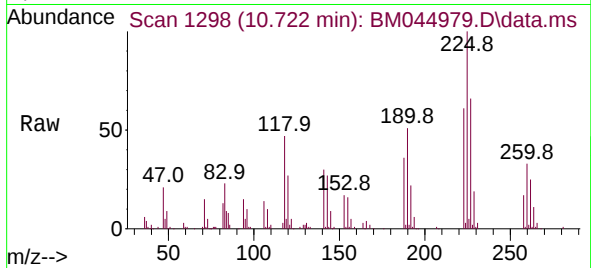
129 31.4 26.2 39.2



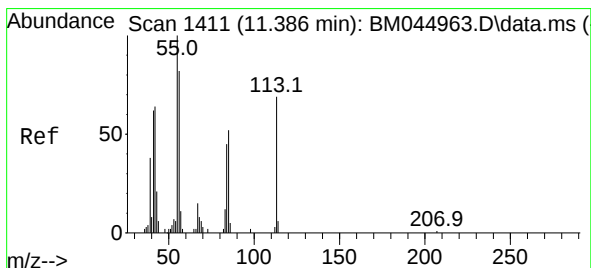
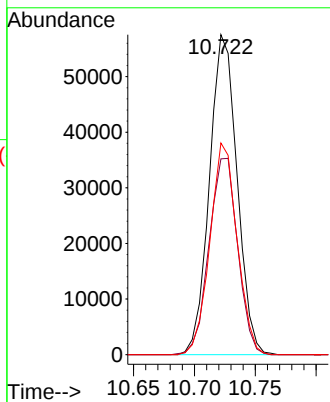
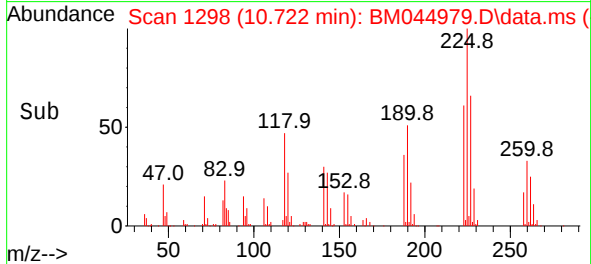


#33
Hexachlorobutadiene
Concen: 26.349 ng/ul
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Instrument :
BNA_M
ClientSampleId :

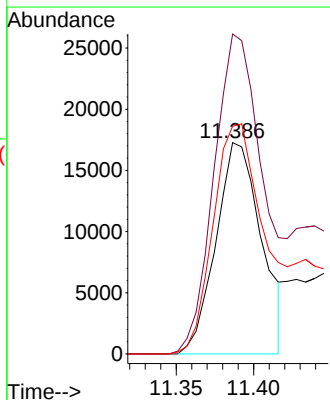
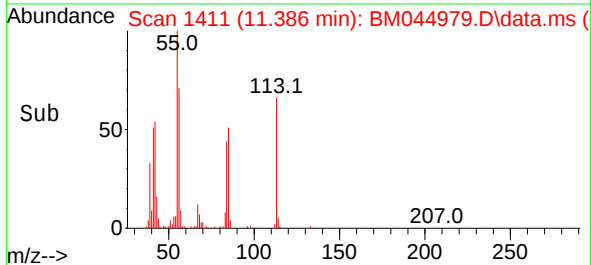
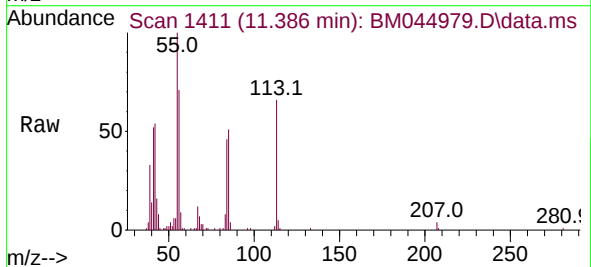


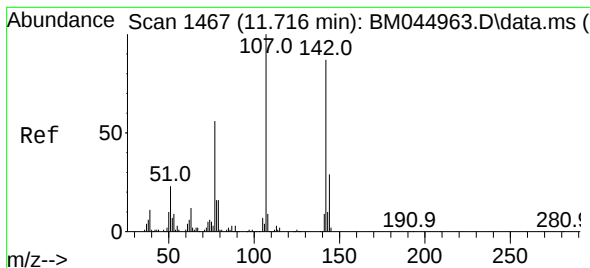
Tgt Ion:225 Resp: 90815
Ion Ratio Lower Upper
225 100
223 61.2 45.3 67.9
227 66.2 47.6 71.4



#34
Caprolactam
Concen: 18.822 ng/ul
RT: 11.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:113 Resp: 35224
Ion Ratio Lower Upper
113 100
55 151.3 125.4 188.0
56 107.7 91.8 137.8

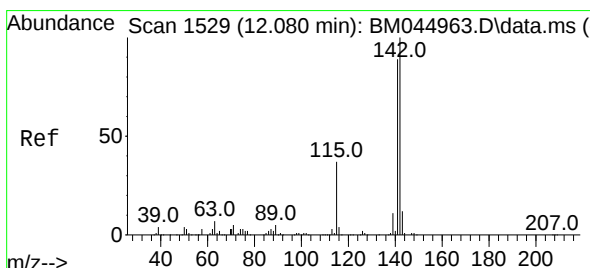
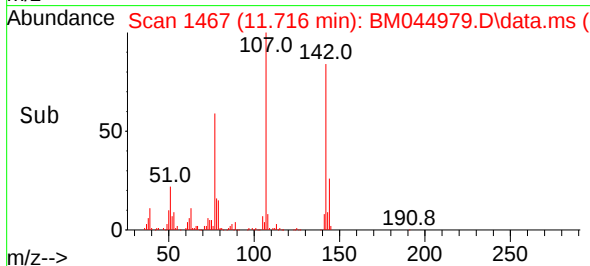
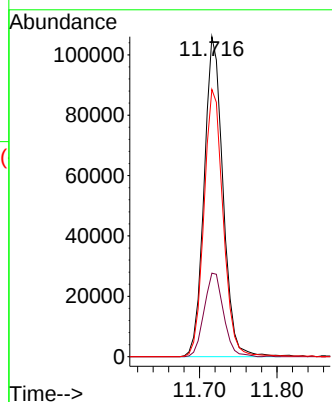
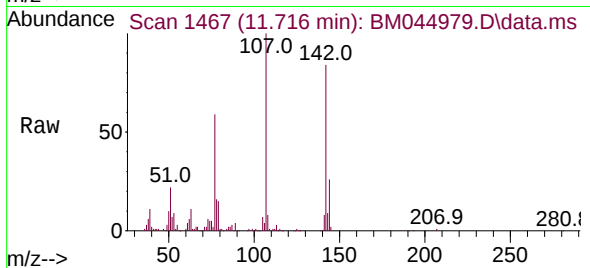




#35
4-Chloro-3-methylphenol
Concen: 32.517 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

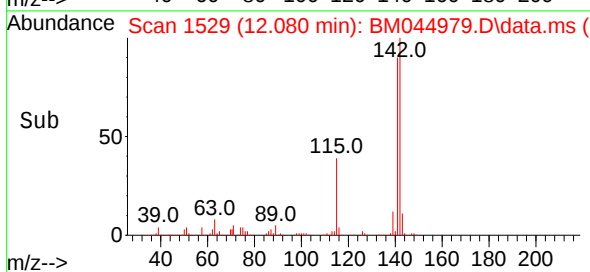
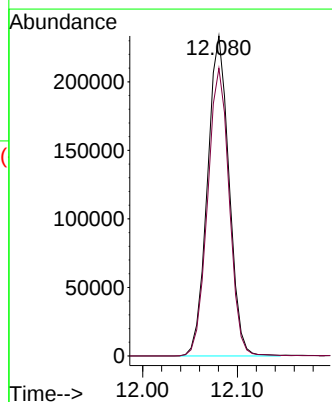
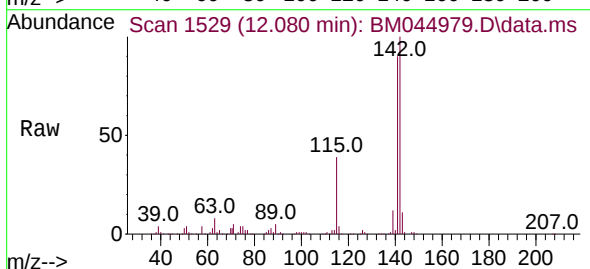
Instrument :
BNA_M
ClientSampleId :

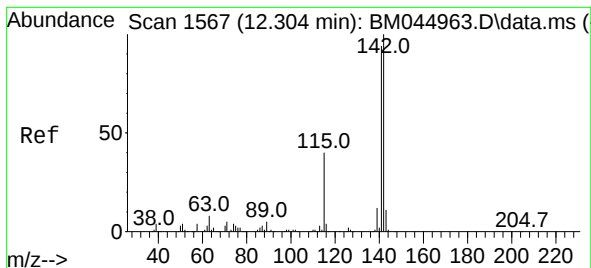
Tgt Ion:107 Resp: 179183
Ion Ratio Lower Upper
107 100
144 26.1 22.8 34.2
142 83.5 69.8 104.6



#36
2-Methylnaphthalene
Concen: 28.952 ng/ul
RT: 12.080 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:142 Resp: 369362
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5





#37

1-Methylnaphthalene

Concen: 29.414 ng/ul

RT: 12.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

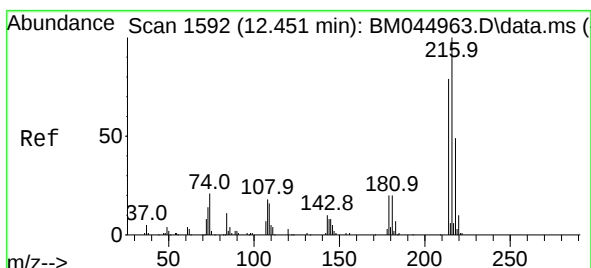
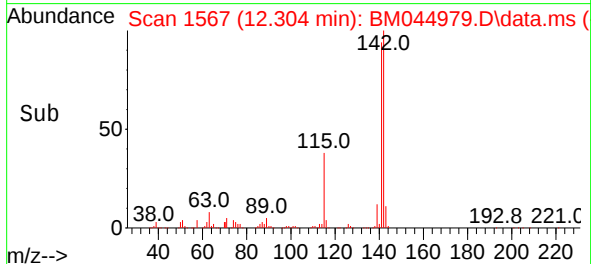
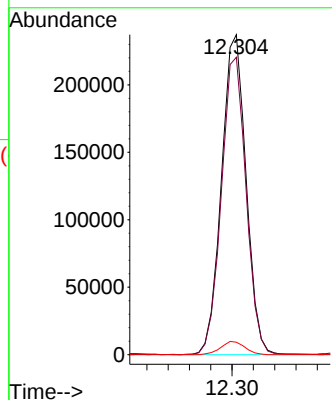
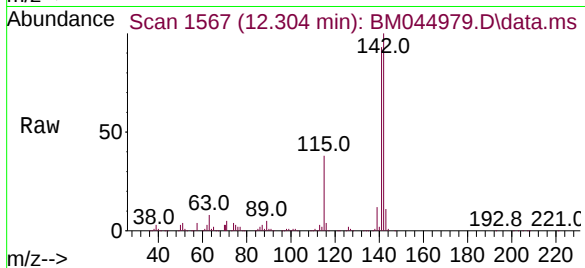
Tgt Ion:142 Resp: 379750

Ion Ratio Lower Upper

142 100

141 93.0 77.2 115.8

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.023 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Tgt Ion:216 Resp: 186579

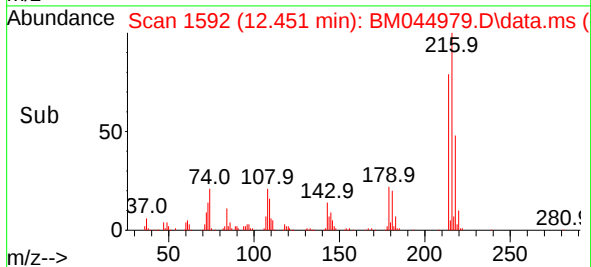
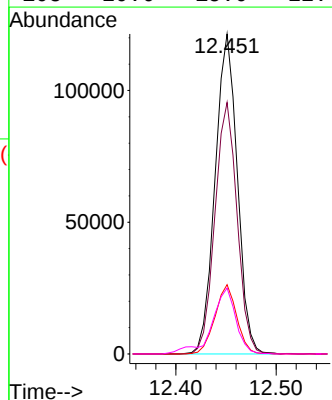
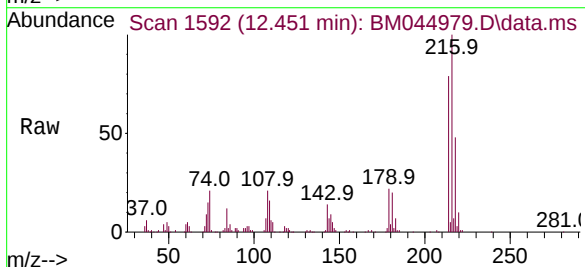
Ion Ratio Lower Upper

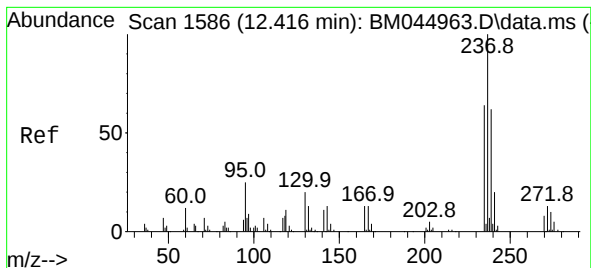
216 100

214 78.6 63.5 95.3

179 21.7 16.6 25.0

108 20.6 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 21.536 ng/ul

RT: 12.416 min Scan# 1586

Delta R.T. -0.000 min

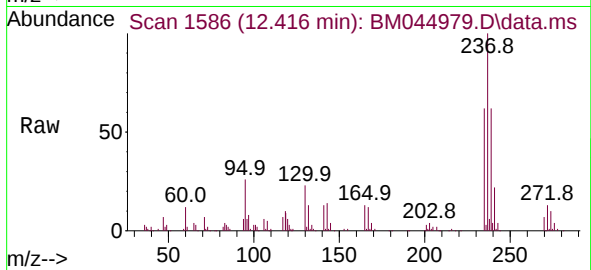
Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :



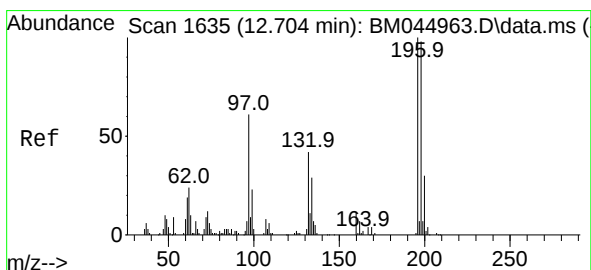
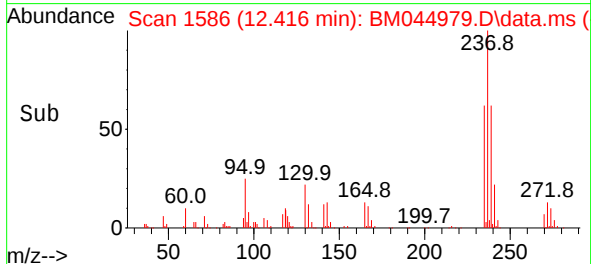
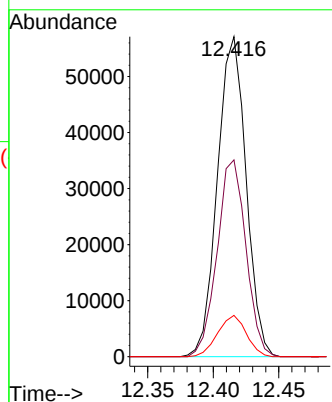
Tgt Ion:237 Resp: 86797

Ion Ratio Lower Upper

237 100

235 61.5 51.3 76.9

272 12.9 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 30.979 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

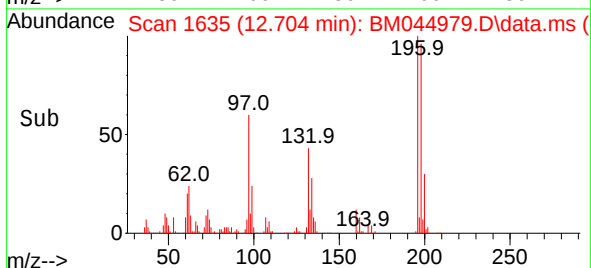
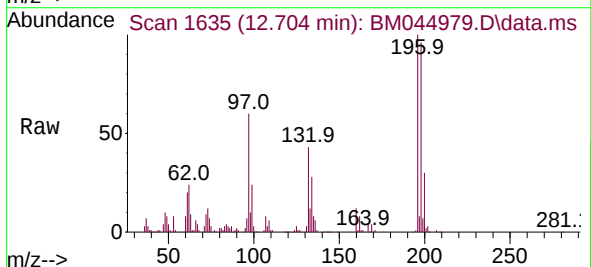
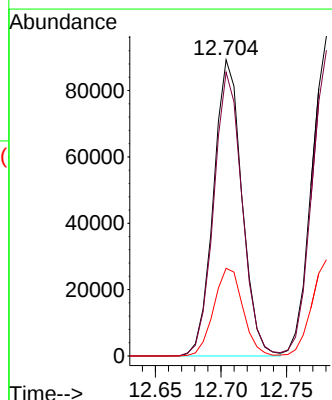
Tgt Ion:196 Resp: 134548

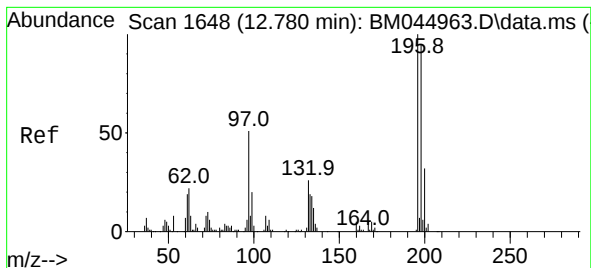
Ion Ratio Lower Upper

196 100

198 95.8 79.4 119.2

200 29.6 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 30.932 ng/ul

RT: 12.780 min Scan# 1

Delta R.T. -0.000 min

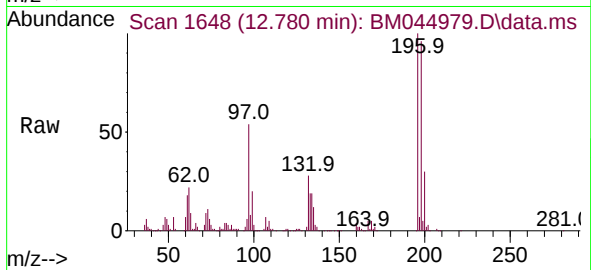
Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :



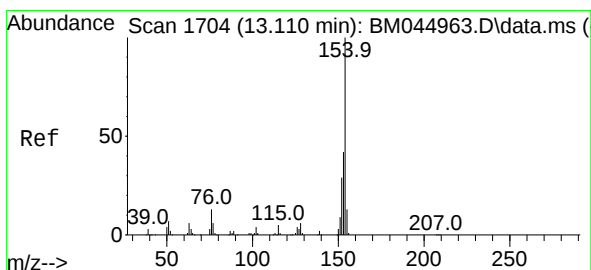
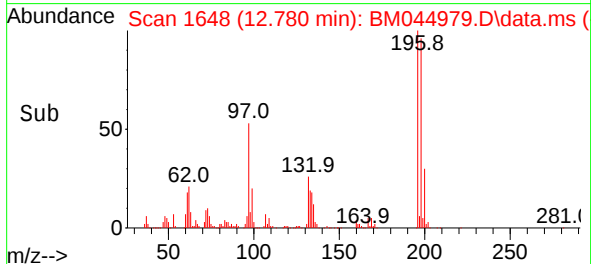
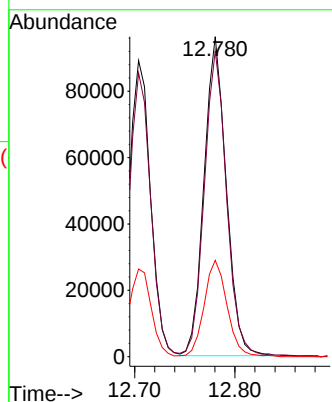
Tgt Ion:196 Resp: 148023

Ion Ratio Lower Upper

196 100

198 95.6 79.9 119.9

200 30.1 25.6 38.4



#43

1,1'-Biphenyl

Concen: 28.211 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

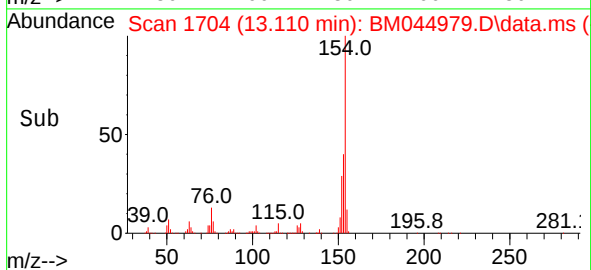
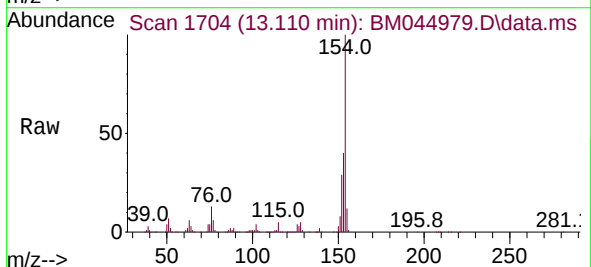
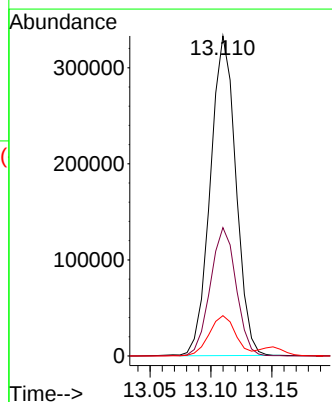
Tgt Ion:154 Resp: 484975

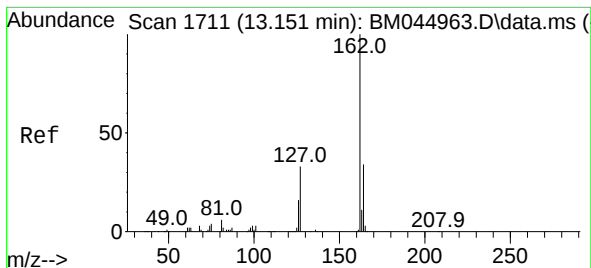
Ion Ratio Lower Upper

154 100

153 40.1 31.6 47.4

76 12.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 27.118 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

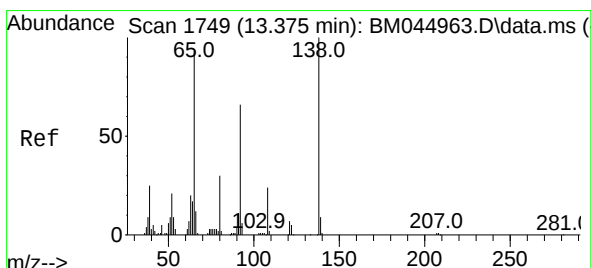
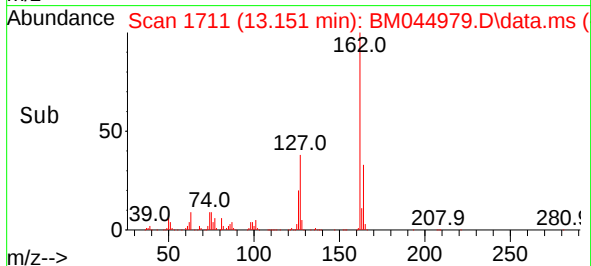
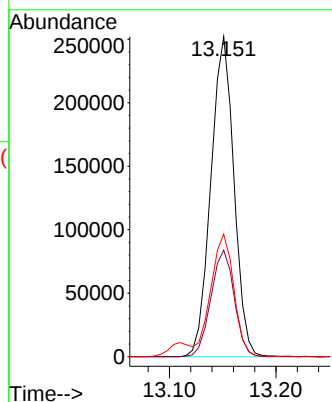
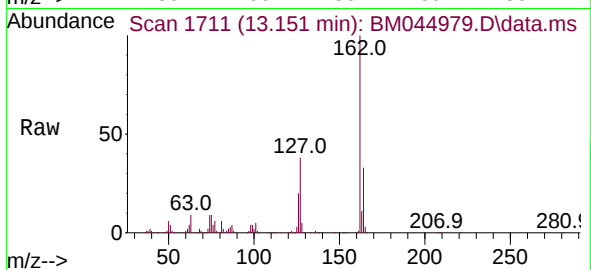
Tgt Ion:162 Resp: 378760

Ion Ratio Lower Upper

162 100

164 33.3 26.1 39.1

127 38.3 30.1 45.1



#45

2-Nitroaniline

Concen: 31.574 ng/ul

RT: 13.380 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

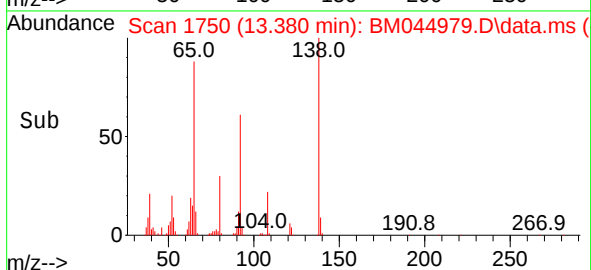
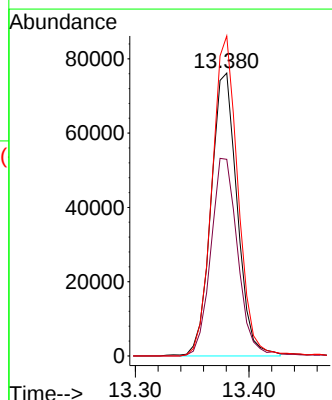
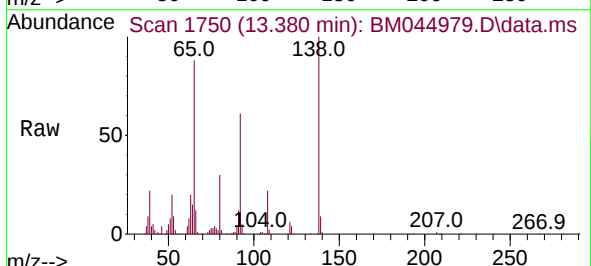
Tgt Ion: 65 Resp: 121732

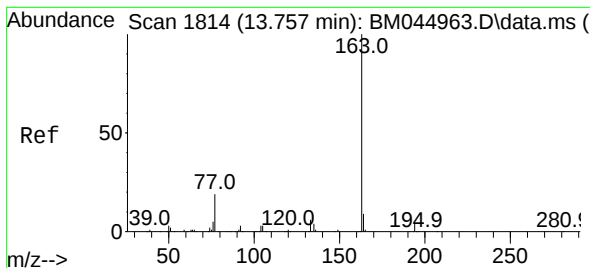
Ion Ratio Lower Upper

65 100

92 69.5 55.2 82.8

138 113.1 93.0 139.4





#47

Dimethylphthalate

Concen: 27.707 ng/ul

RT: 13.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

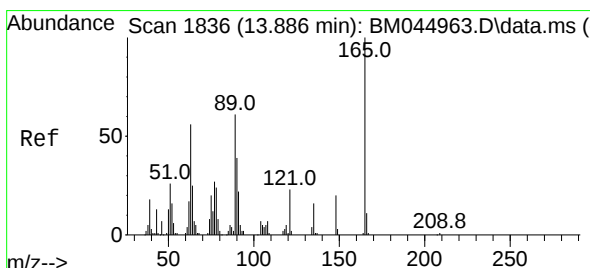
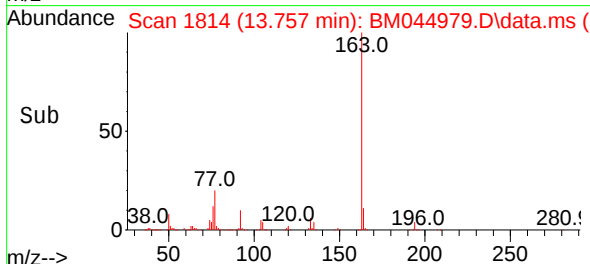
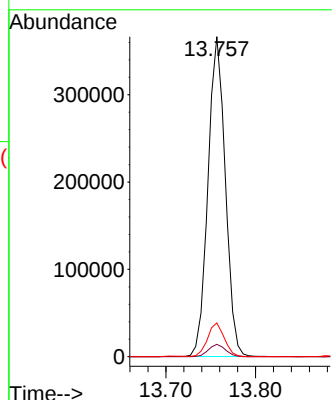
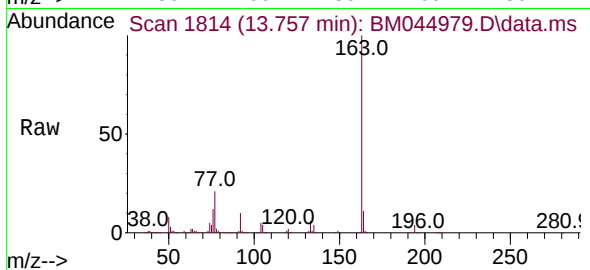
Tgt Ion:163 Resp: 490898

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.6 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 29.157 ng/ul

RT: 13.886 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

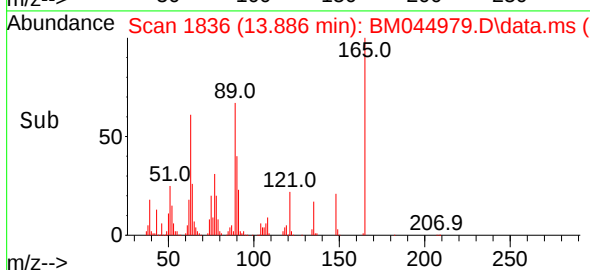
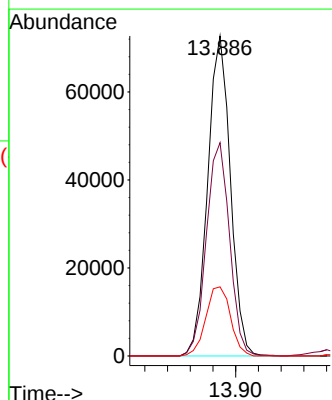
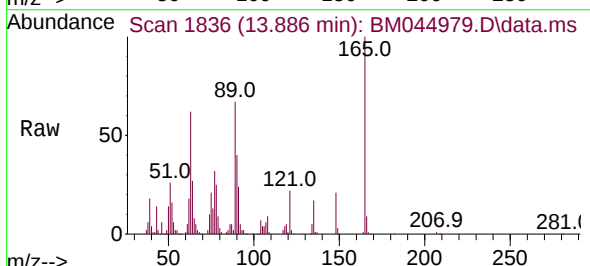
Tgt Ion:165 Resp: 101253

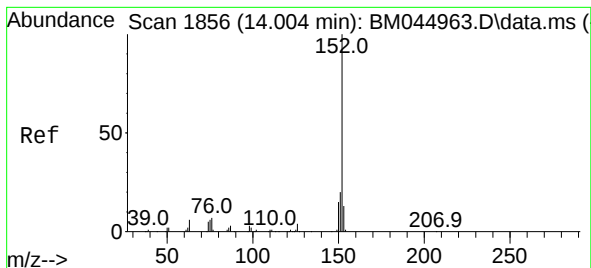
Ion Ratio Lower Upper

165 100

89 66.6 45.0 67.4

121 21.6 18.0 27.0





#50

Acenaphthylene

Concen: 27.715 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

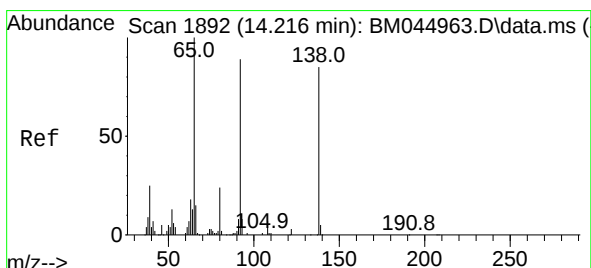
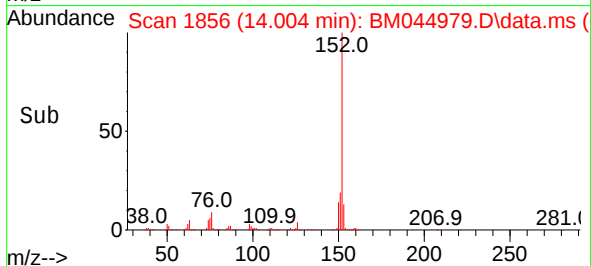
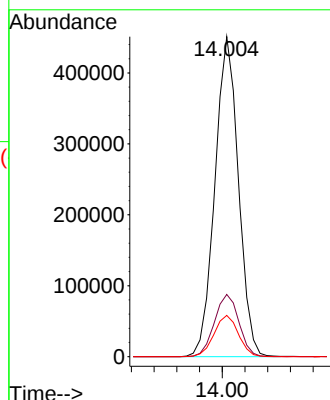
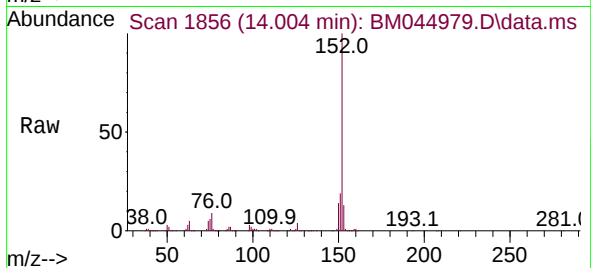
Tgt Ion:152 Resp: 648217

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 12.9 10.2 15.2



#51

3-Nitroaniline

Concen: 30.107 ng/ul

RT: 14.216 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

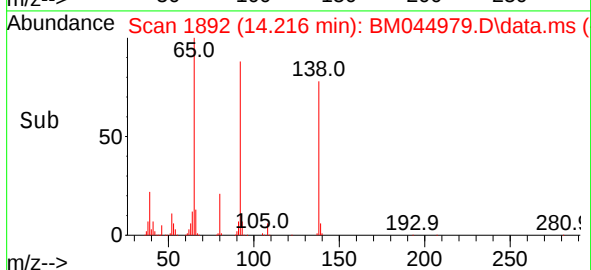
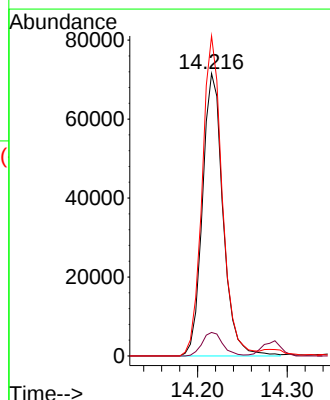
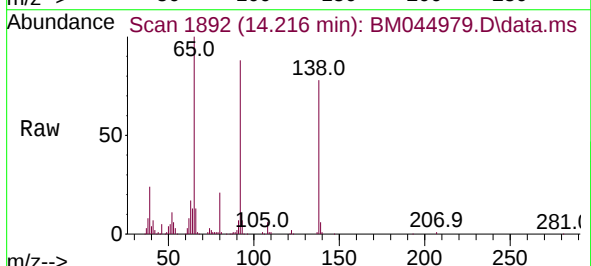
Tgt Ion:138 Resp: 114044

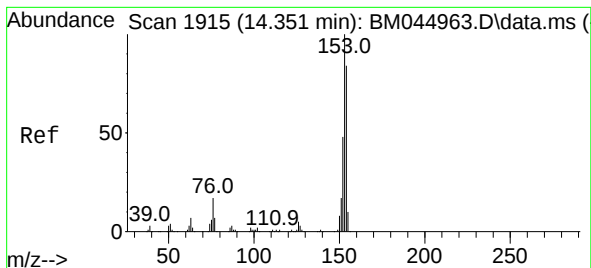
Ion Ratio Lower Upper

138 100

108 8.3 6.5 9.7

92 113.3 81.4 122.0





#52

Acenaphthene

Concen: 27.468 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

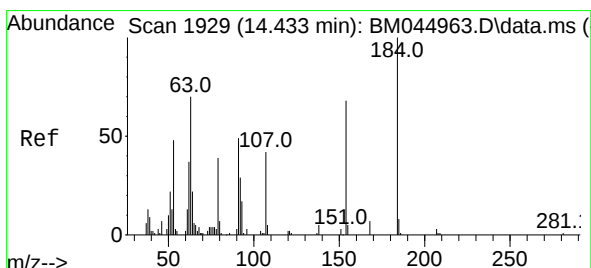
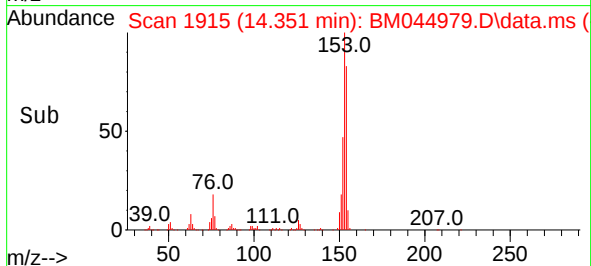
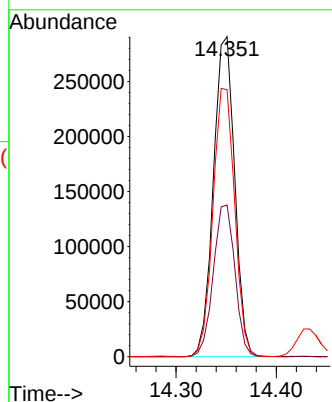
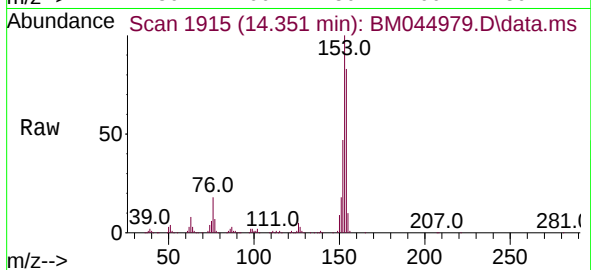
Tgt Ion:153 Resp: 428681

Ion Ratio Lower Upper

153 100

152 47.4 38.6 58.0

154 83.4 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 29.481 ng/ul

RT: 14.433 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

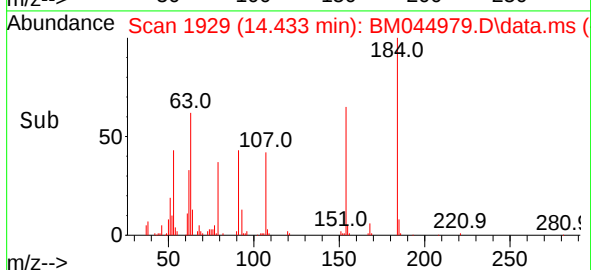
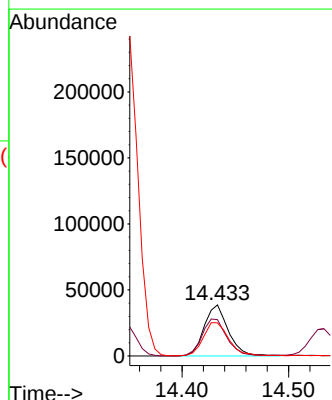
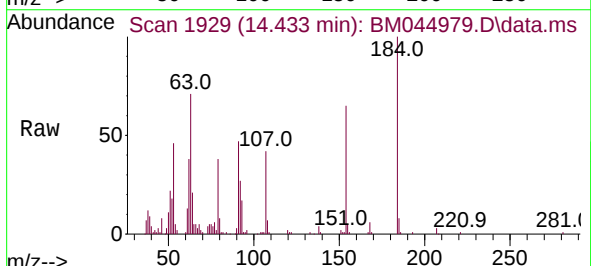
Tgt Ion:184 Resp: 60868

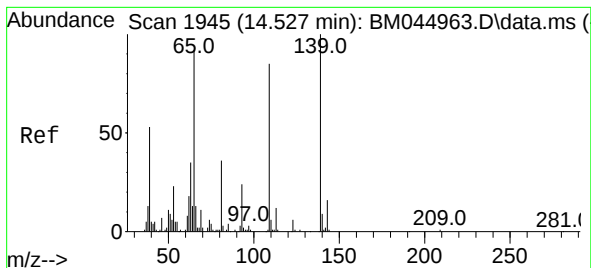
Ion Ratio Lower Upper

184 100

63 71.3 56.9 85.3

154 65.1 50.3 75.5

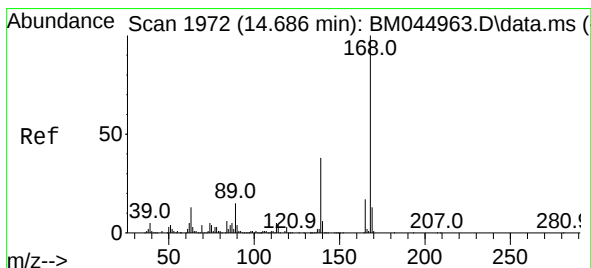
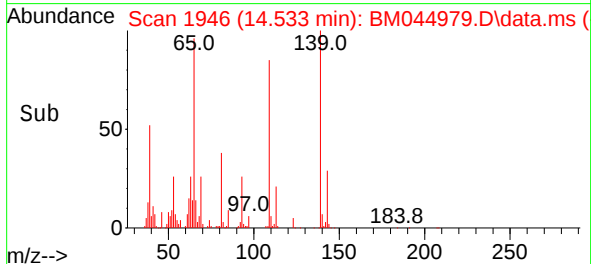
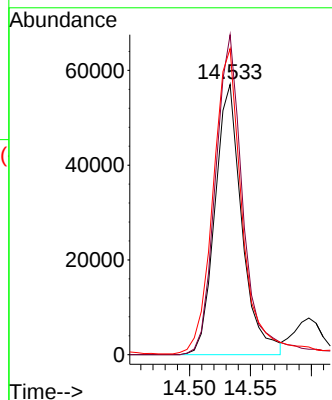
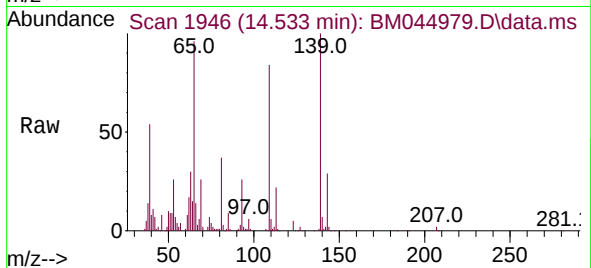




#55
4-Nitrophenol
Concen: 28.210 ng/ul
RT: 14.533 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

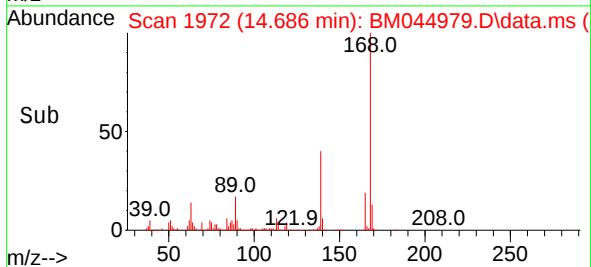
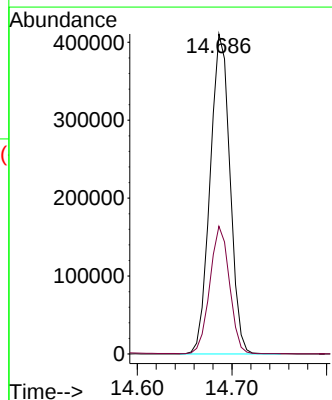
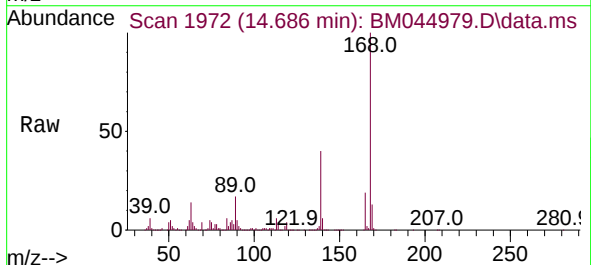
Instrument :
BNA_M
ClientSampleId :

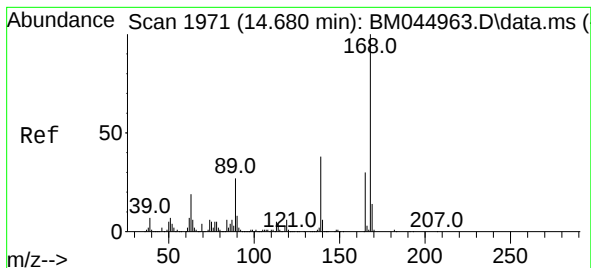
Tgt Ion:109 Resp: 87768
Ion Ratio Lower Upper
109 100
139 118.4 107.7 161.5
65 113.2 96.3 144.5



#56
Dibenzofuran
Concen: 27.962 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:168 Resp: 597164
Ion Ratio Lower Upper
168 100
139 39.9 30.6 46.0





#57

2,4-Dinitrotoluene

Concen: 29.967 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

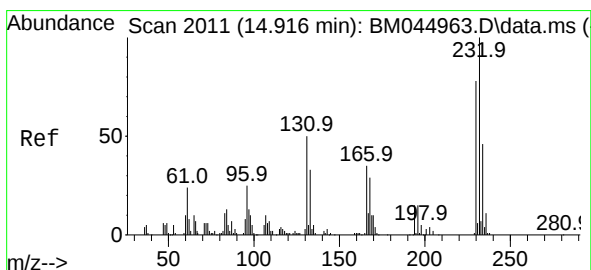
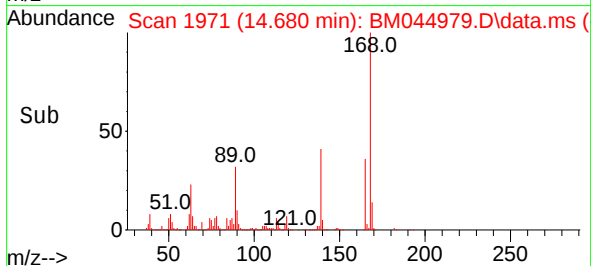
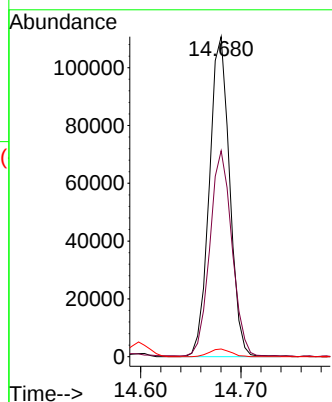
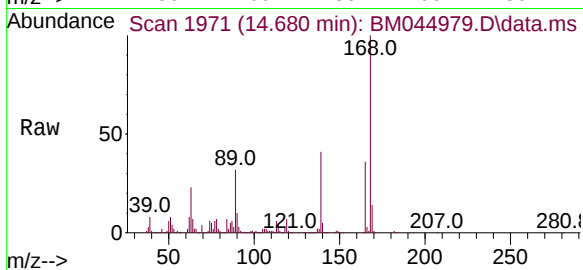
Tgt Ion:165 Resp: 155774

Ion Ratio Lower Upper

165 100

63 64.4 52.0 78.0

182 2.4 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.164 ng/ul

RT: 14.916 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Tgt Ion:232 Resp: 123543

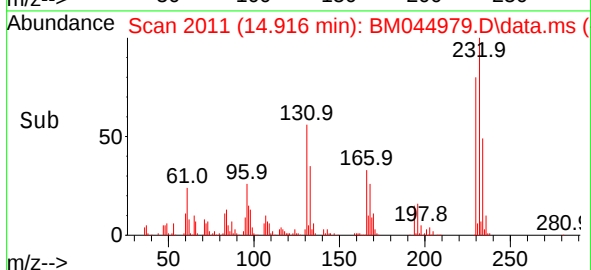
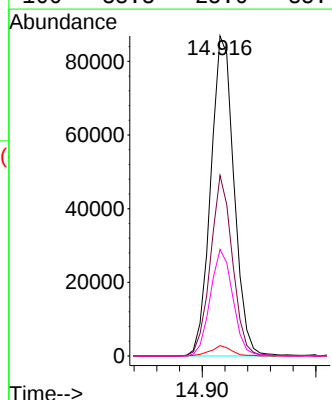
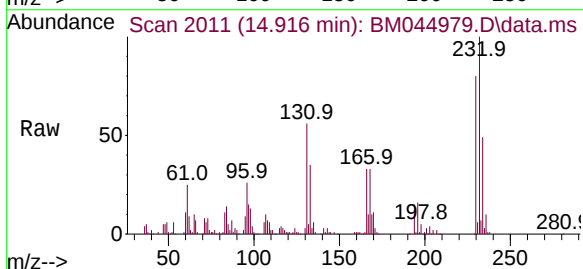
Ion Ratio Lower Upper

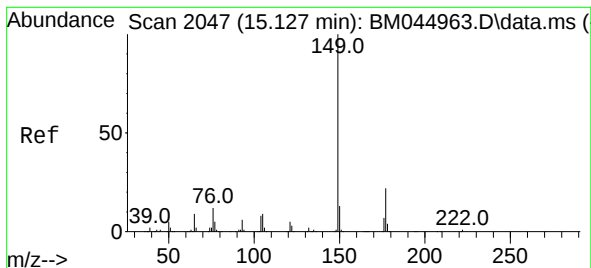
232 100

131 56.4 43.4 65.0

130 3.2 2.6 4.0

166 33.3 25.6 38.4





#59

Diethylphthalate

Concen: 28.189 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

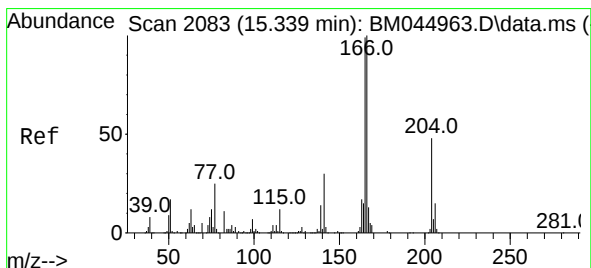
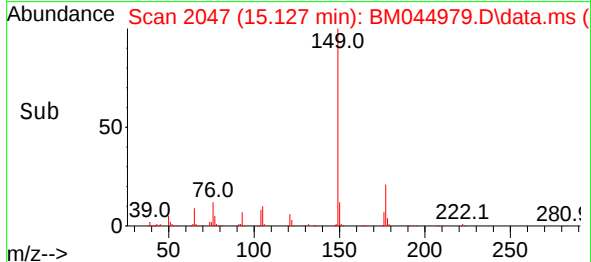
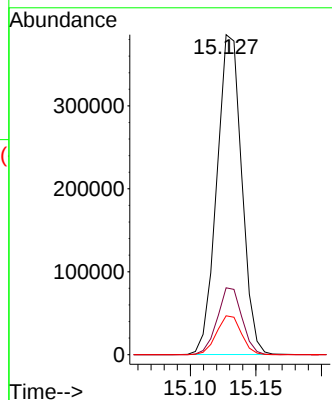
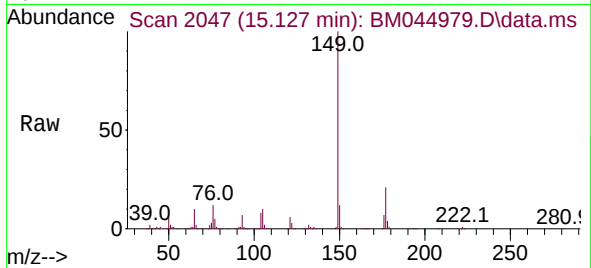
Tgt Ion:149 Resp: 509528

Ion Ratio Lower Upper

149 100

177 20.9 16.4 24.6

150 12.1 10.3 15.5



#61

Fluorene

Concen: 27.767 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

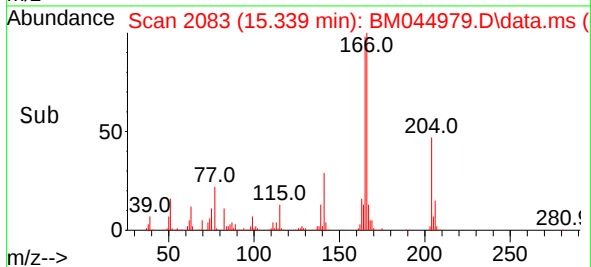
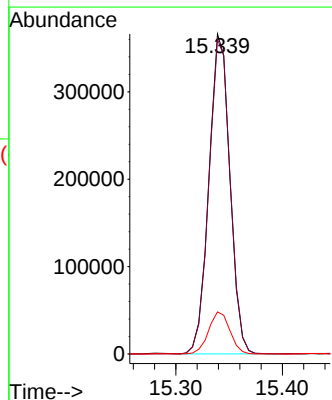
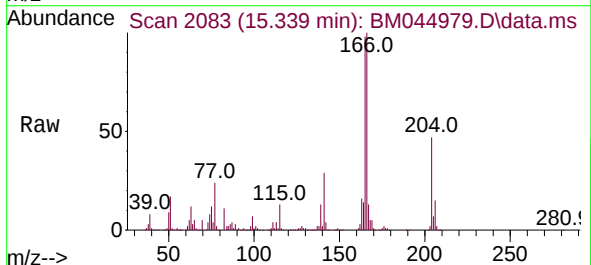
Tgt Ion:166 Resp: 499803

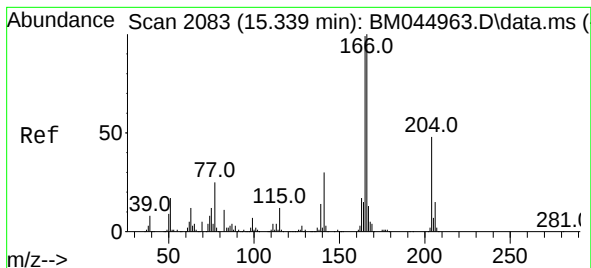
Ion Ratio Lower Upper

166 100

165 98.4 80.5 120.7

167 13.1 11.0 16.6

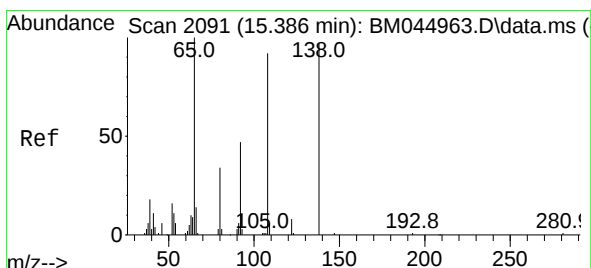
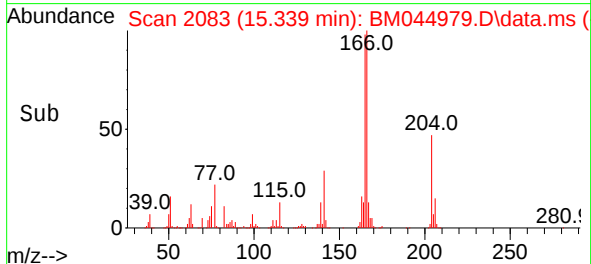
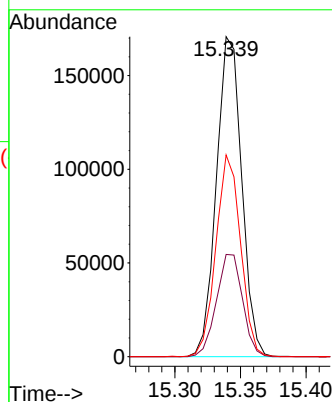
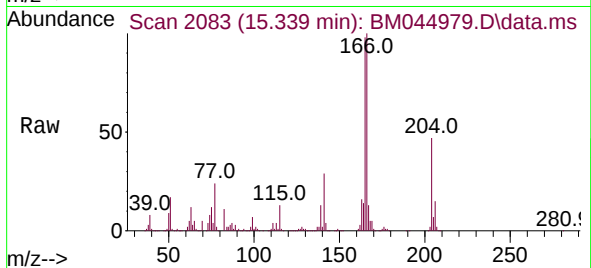




#62
4-Chlorophenyl-phenylether
Concen: 27.193 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

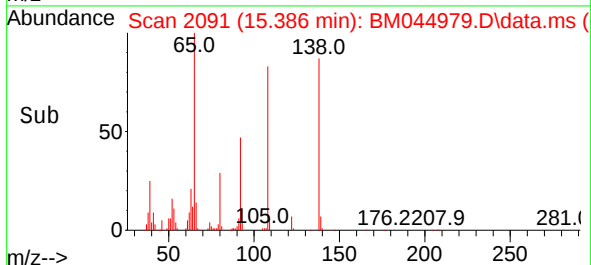
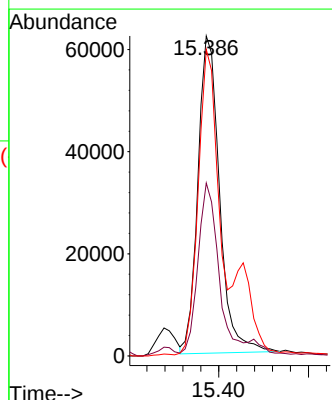
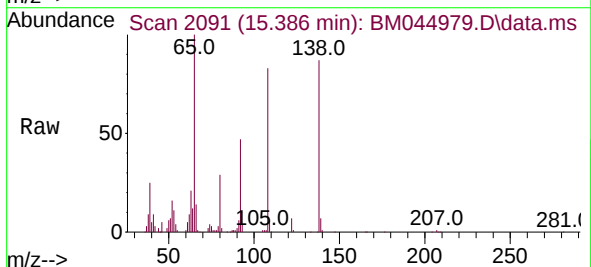
Instrument :
BNA_M
ClientSampleId :

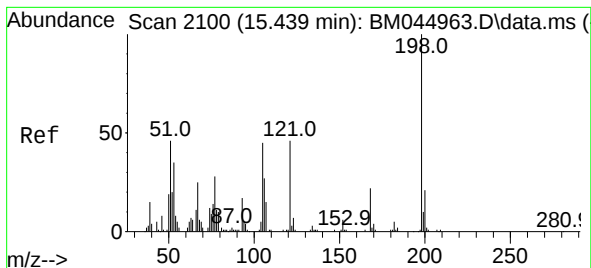
Tgt Ion:204 Resp: 229424
Ion Ratio Lower Upper
204 100
206 32.0 24.9 37.3
141 63.1 46.2 69.2



#63
4-Nitroaniline
Concen: 30.163 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:138 Resp: 103880
Ion Ratio Lower Upper
138 100
92 54.0 39.8 59.6
108 95.8 66.4 99.6

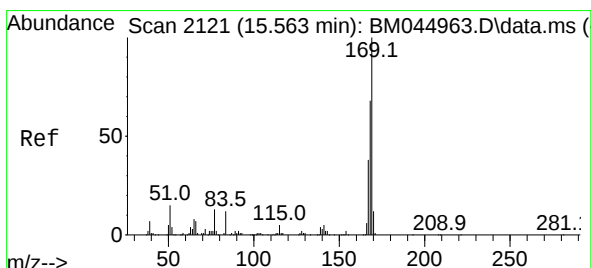
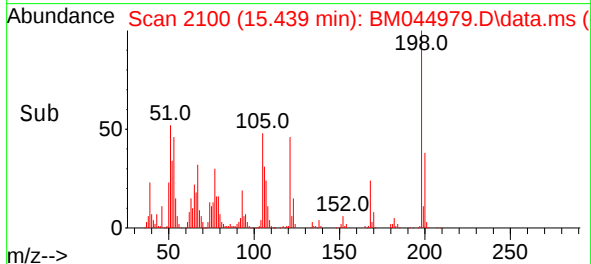
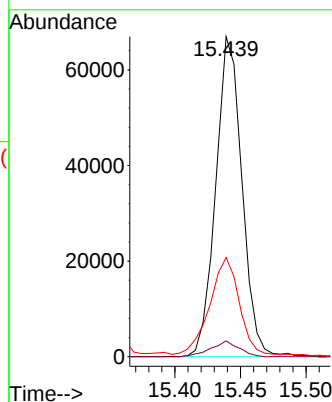
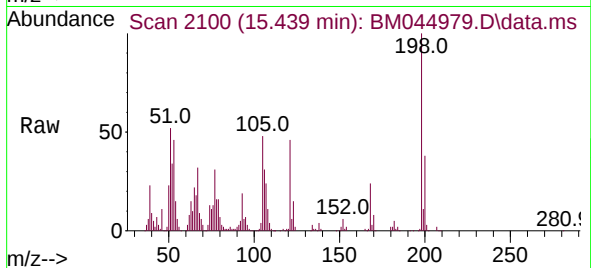




#66
4,6-Dinitro-2-methylphenol
Concen: 27.569 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

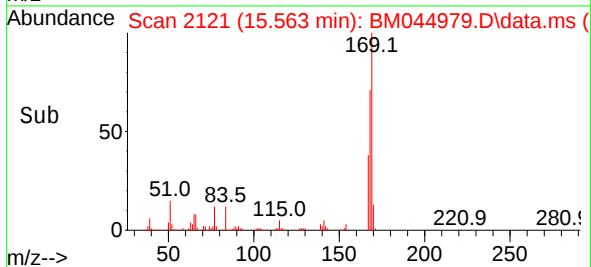
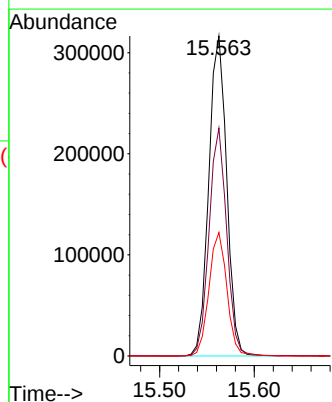
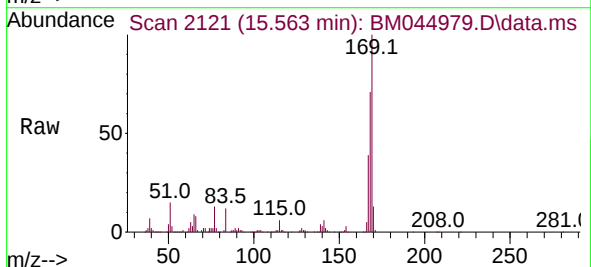
Instrument :
BNA_M
ClientSampleId :

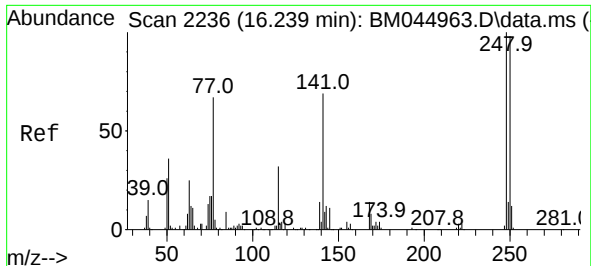
Tgt Ion:198 Resp: 92796
Ion Ratio Lower Upper
198 100
182 4.9 3.8 5.6
77 31.0 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 29.126 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

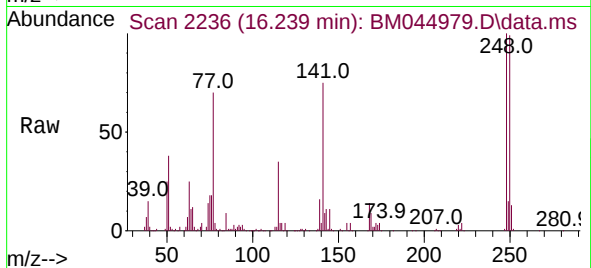
Tgt Ion:169 Resp: 416510
Ion Ratio Lower Upper
169 100
168 71.2 56.7 85.1
167 38.6 31.2 46.8



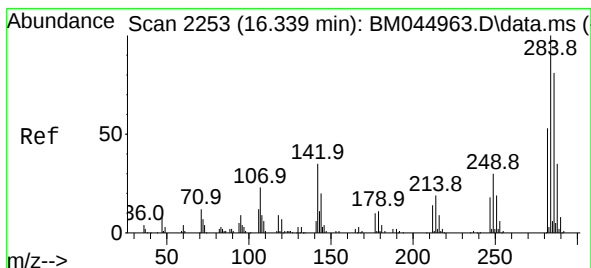
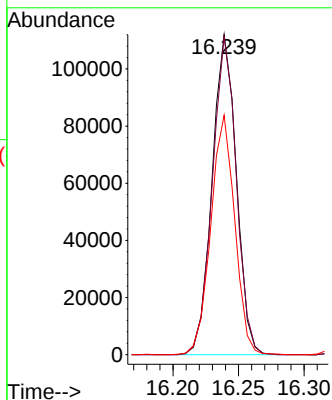
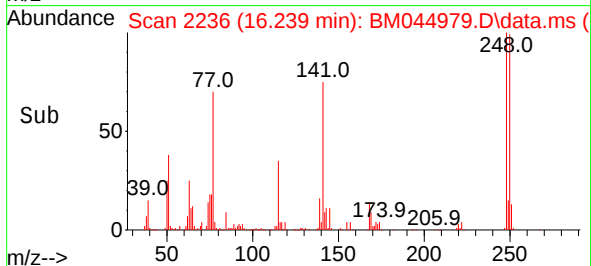


#68
4-Bromophenyl-phenylether
Concen: 27.816 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Instrument :
BNA_M
ClientSampleId :

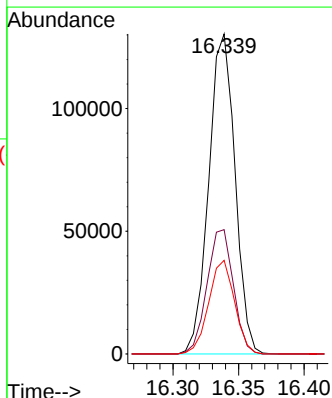
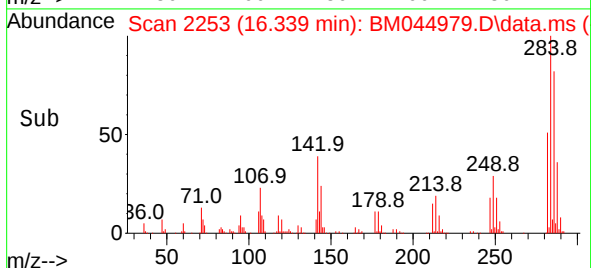
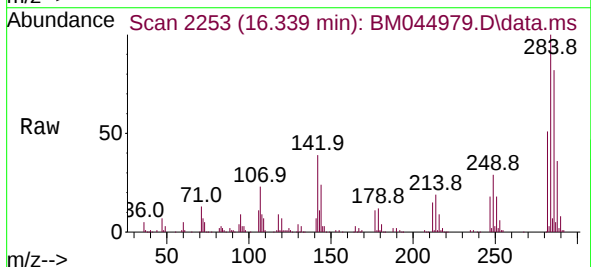


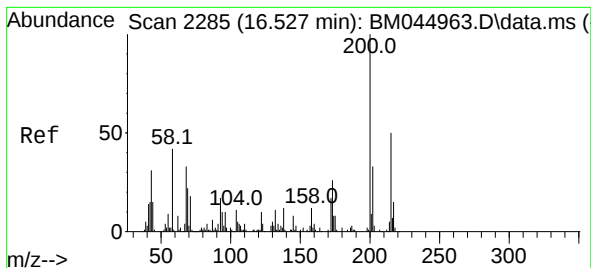
Tgt Ion:248 Resp: 143611
Ion Ratio Lower Upper
248 100
250 99.3 81.0 121.6
141 74.8 55.1 82.7



#69
Hexachlorobenzene
Concen: 27.073 ng/ul
RT: 16.339 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:284 Resp: 181817
Ion Ratio Lower Upper
284 100
142 38.9 27.3 40.9
249 29.3 23.6 35.4





#70

Atrazine

Concen: 28.354 ng/ul

RT: 16.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

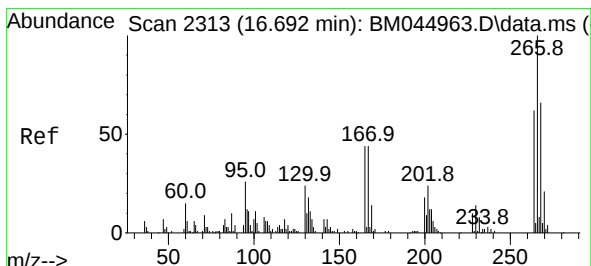
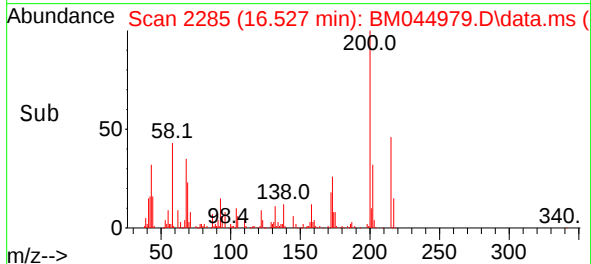
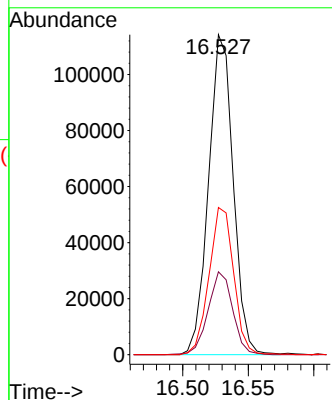
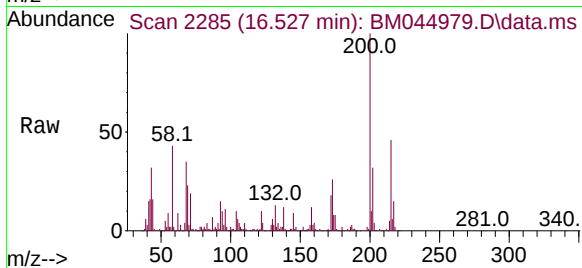
Tgt Ion:200 Resp: 149149

Ion Ratio Lower Upper

200 100

173 25.9 20.3 30.5

215 46.0 37.9 56.9



#71

Pentachlorophenol

Concen: 28.905 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

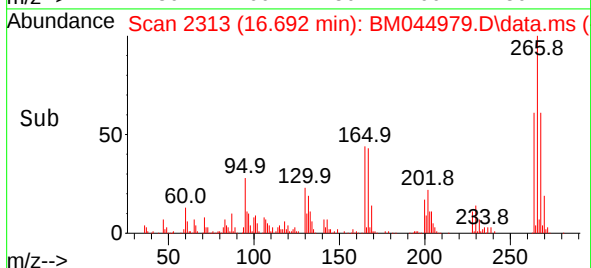
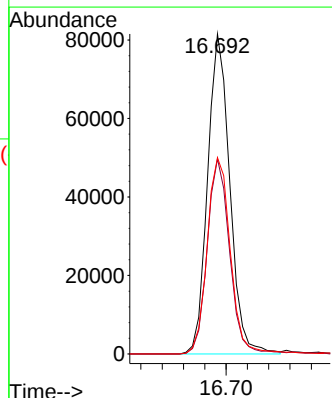
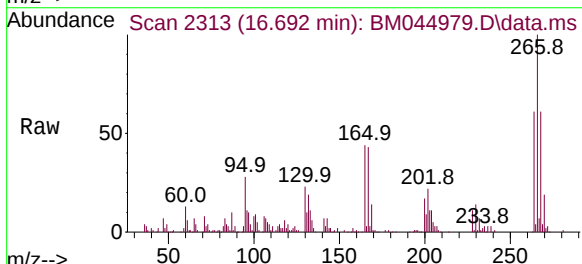
Tgt Ion:266 Resp: 117917

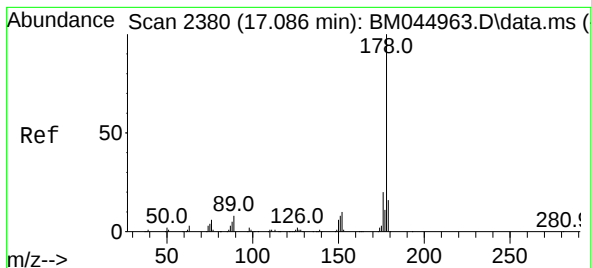
Ion Ratio Lower Upper

266 100

264 61.0 49.3 73.9

268 61.3 53.3 79.9





#72

Phenanthrene

Concen: 27.142 ng/ul

RT: 17.086 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

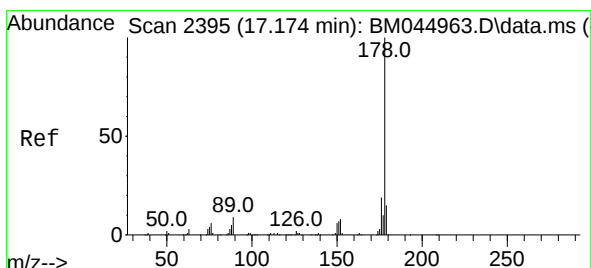
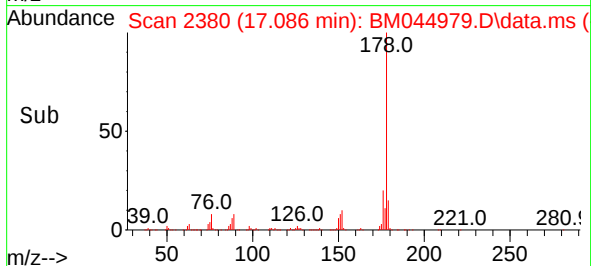
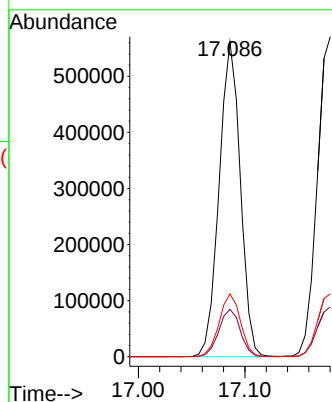
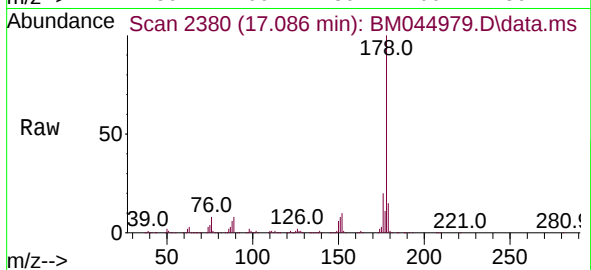
Tgt Ion:178 Resp: 774279

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

176 19.9 15.4 23.2



#74

Anthracene

Concen: 26.854 ng/ul

RT: 17.180 min Scan# 2396

Delta R.T. 0.006 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

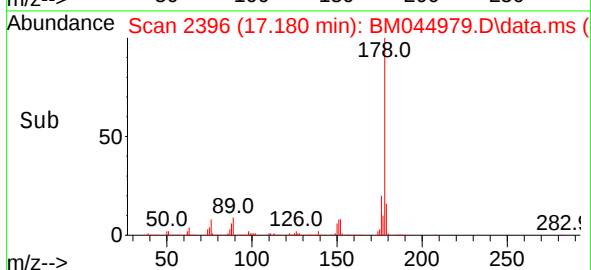
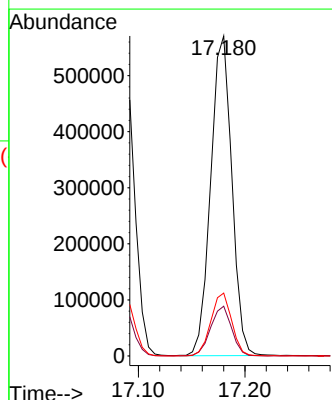
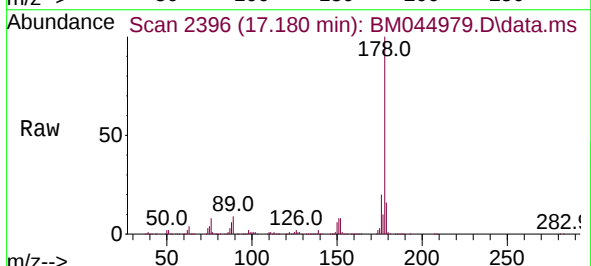
Tgt Ion:178 Resp: 783624

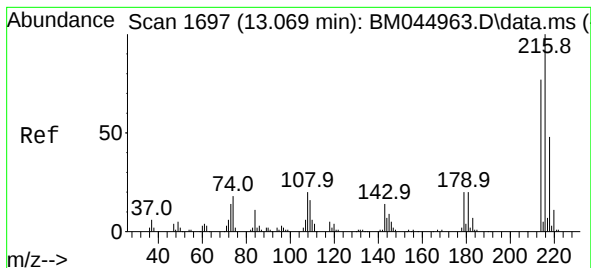
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

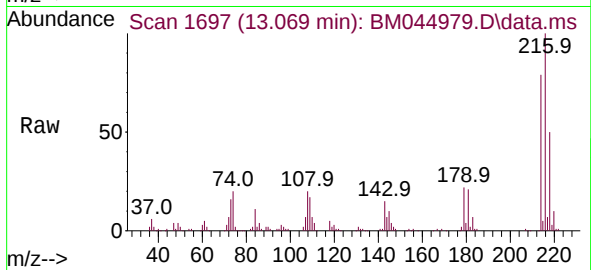
176 19.7 15.8 23.6



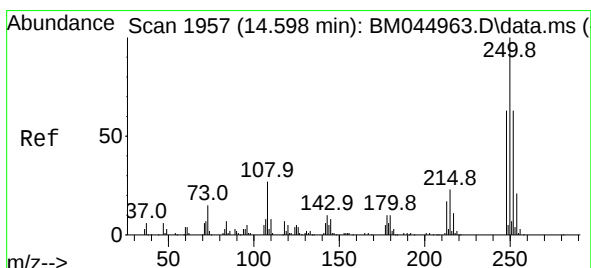
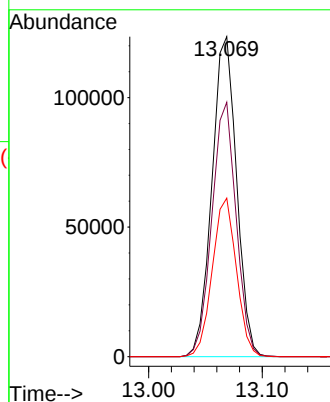
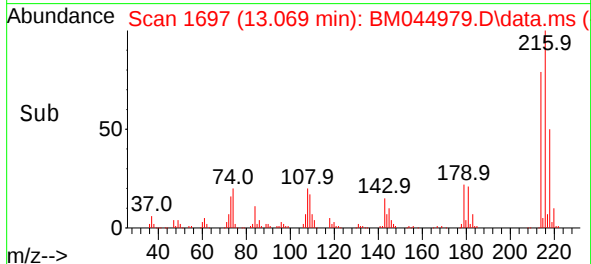


#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.917 ng/uL
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

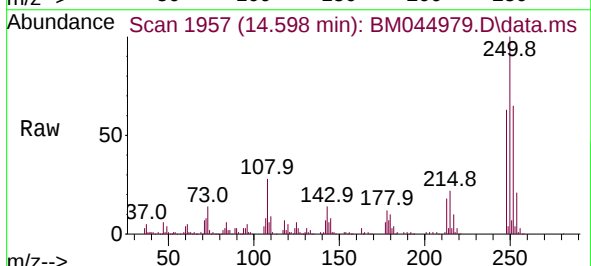
Instrument :
BNA_M
ClientSampleId :



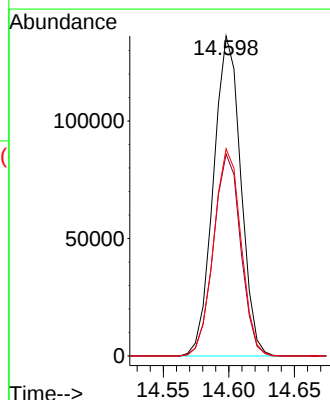
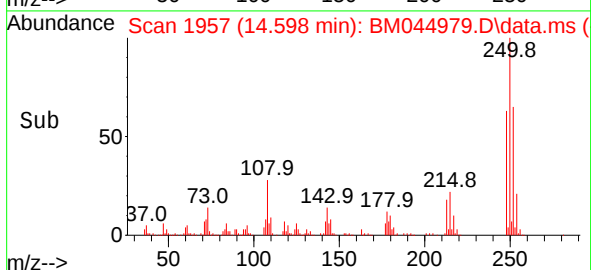
Tgt Ion:216 Resp: 186523
Ion Ratio Lower Upper
216 100
214 79.5 64.1 96.1
218 49.6 38.6 58.0

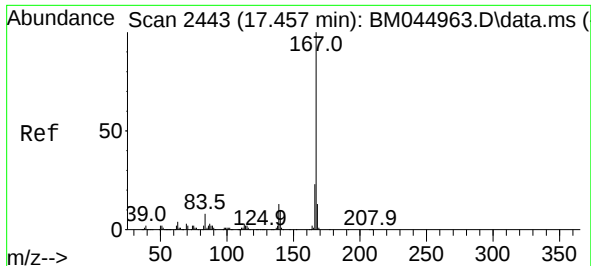


#76
Pentachlorobenzene
Concen: 27.734 ng/uL
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15



Tgt Ion:250 Resp: 197156
Ion Ratio Lower Upper
250 100
248 63.1 49.8 74.6
252 64.7 49.4 74.2

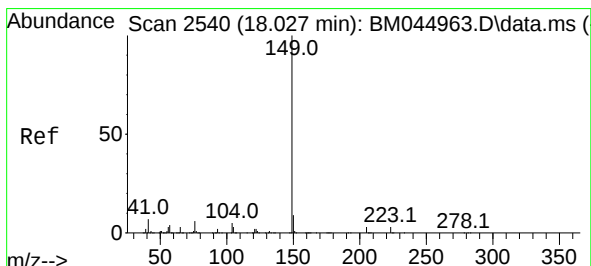
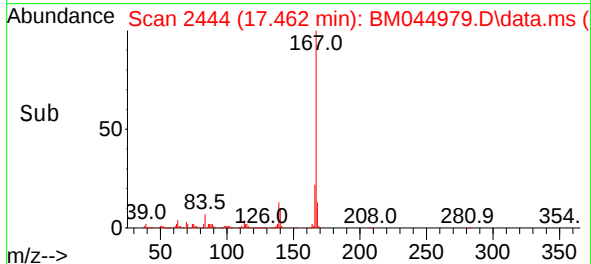
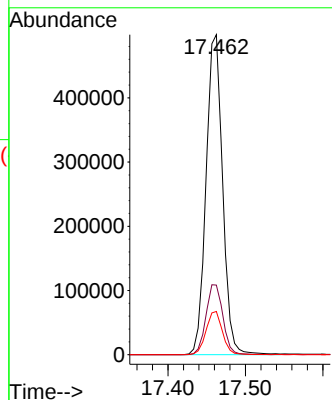
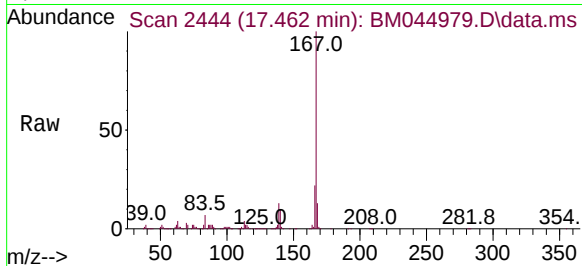




#77
Carbazole
Concen: 26.266 ng/ul
RT: 17.462 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

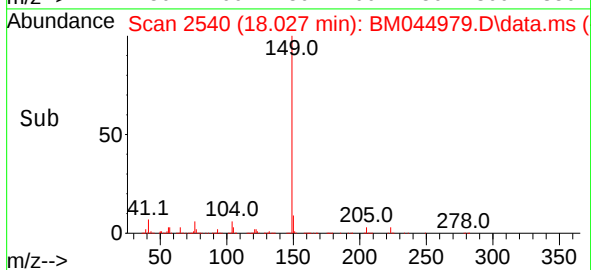
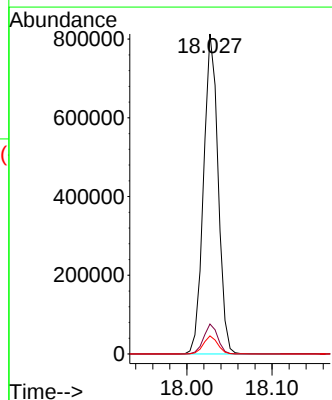
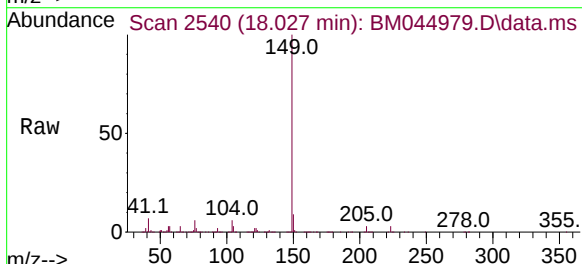
Instrument :
BNA_M
ClientSampleId :

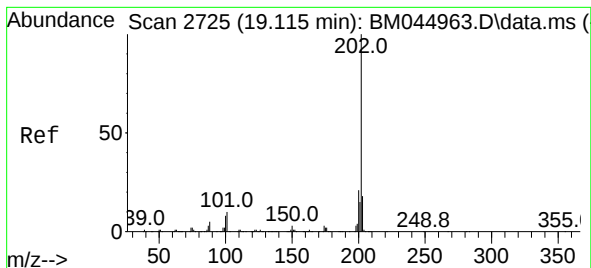
Tgt Ion:167 Resp: 739070
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.5 10.7 16.1



#78
Di-n-butylphthalate
Concen: 30.378 ng/ul
RT: 18.027 min Scan# 2540
Delta R.T. -0.000 min
Lab File: BM044979.D
Acq: 06 Apr 2024 20:15

Tgt Ion:149 Resp: 963953
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.7 4.3 6.5





#80

Fluoranthene

Concen: 31.226 ng/ul

RT: 19.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

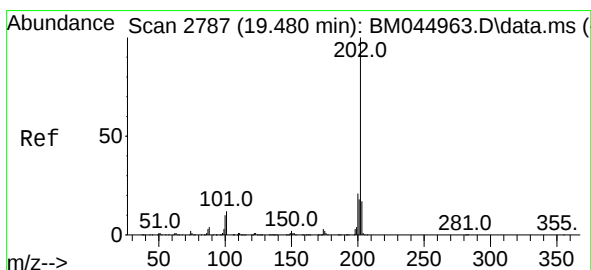
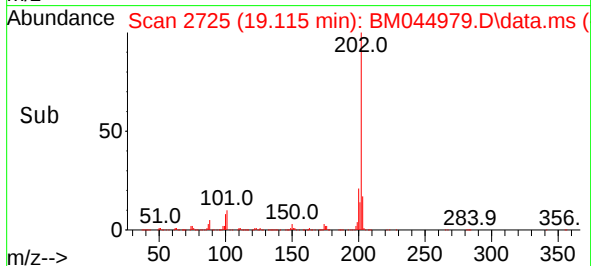
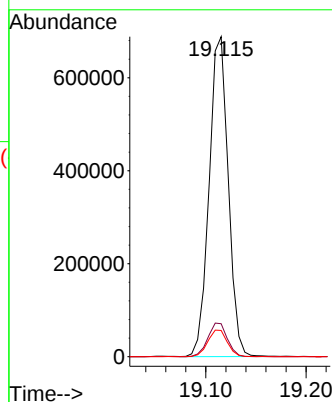
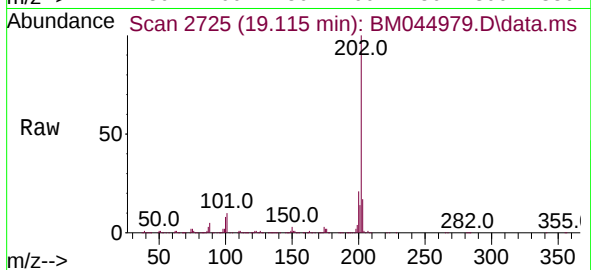
Tgt Ion:202 Resp: 913330

Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

100 8.2 6.3 9.5



#82

Pyrene

Concen: 31.003 ng/ul

RT: 19.480 min Scan# 2787

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

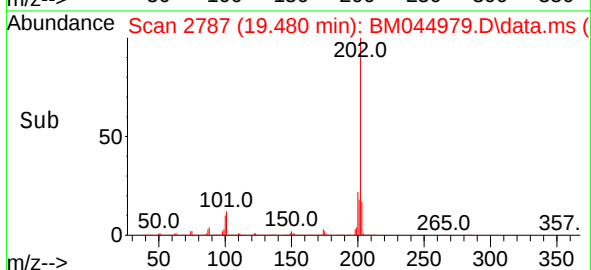
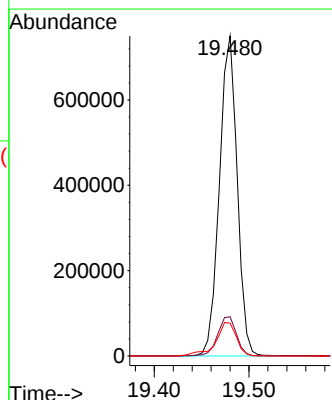
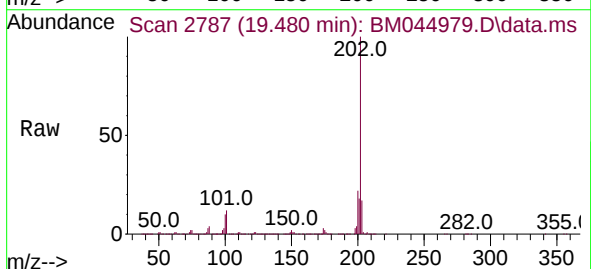
Tgt Ion:202 Resp: 978552

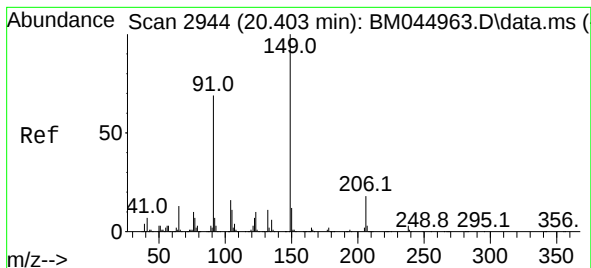
Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.4

100 10.3 8.5 12.7





#83

Butylbenzylphthalate

Concen: 34.322 ng/ul

RT: 20.403 min Scan# 2944

Delta R.T. -0.000 min

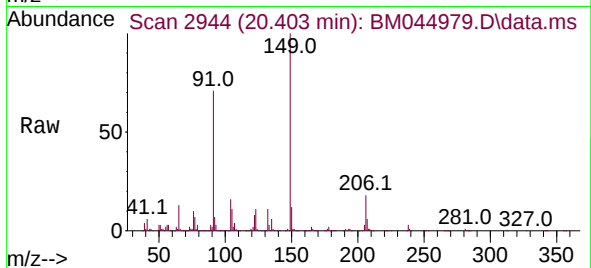
Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :



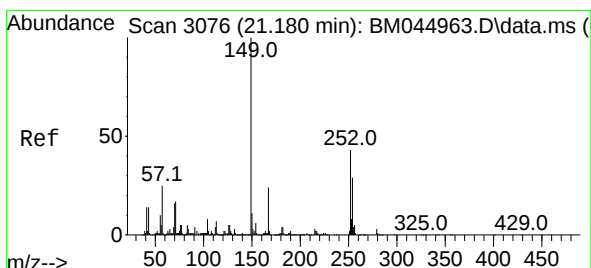
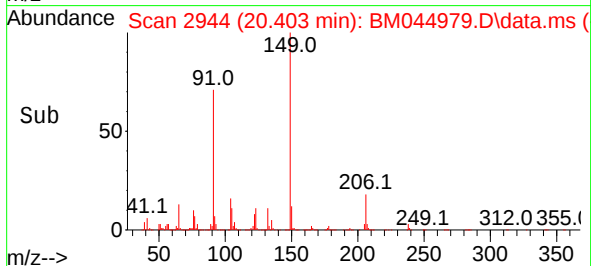
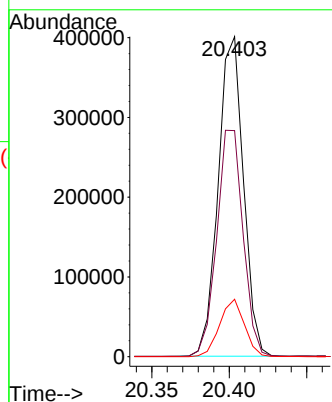
Tgt Ion:149 Resp: 453875

Ion Ratio Lower Upper

149 100

91 70.6 56.2 84.4

206 18.0 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 30.614 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

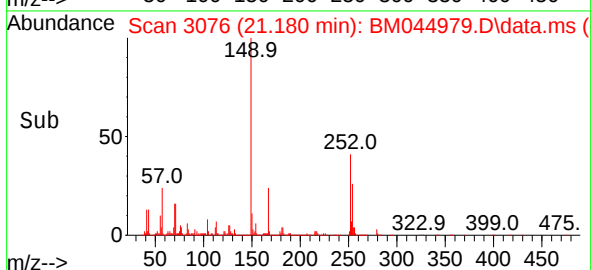
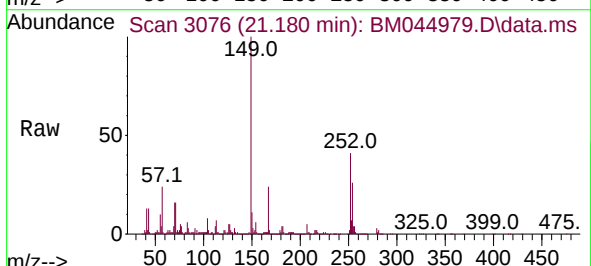
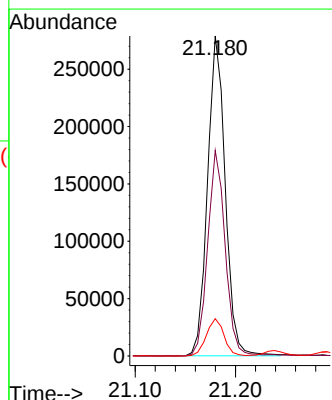
Tgt Ion:252 Resp: 342823

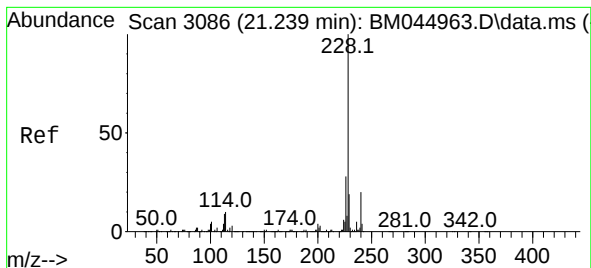
Ion Ratio Lower Upper

252 100

254 64.2 53.9 80.9

126 11.7 9.0 13.4





#85

Benzo(a)anthracene

Concen: 28.317 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

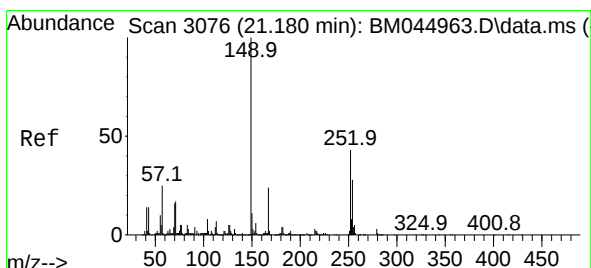
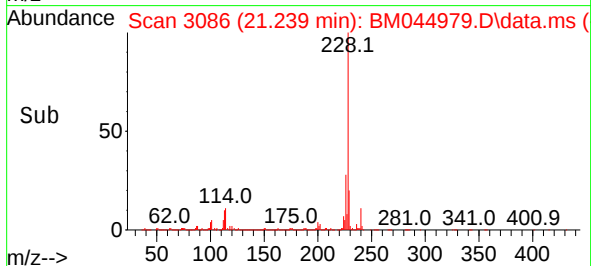
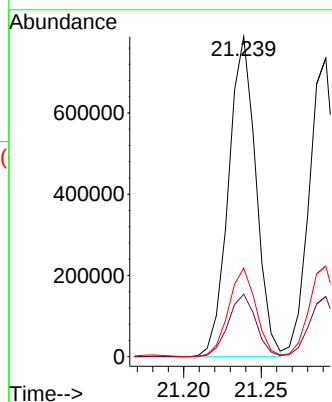
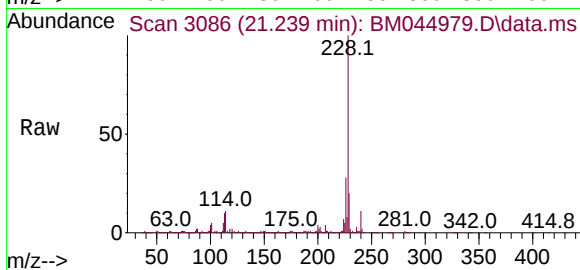
Tgt Ion:228 Resp: 967671

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.7 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.730 ng/ul

RT: 21.180 min Scan# 3076

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

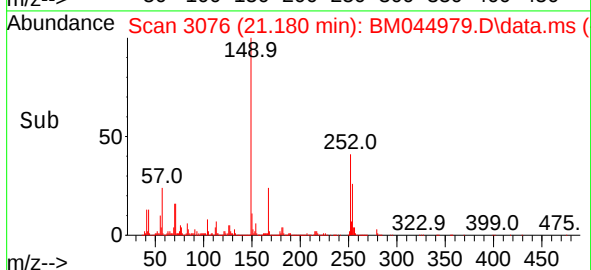
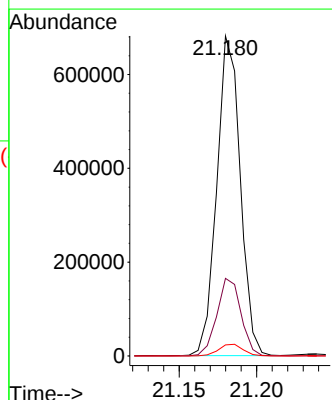
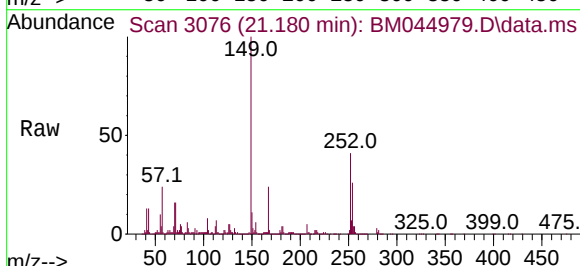
Tgt Ion:149 Resp: 717911

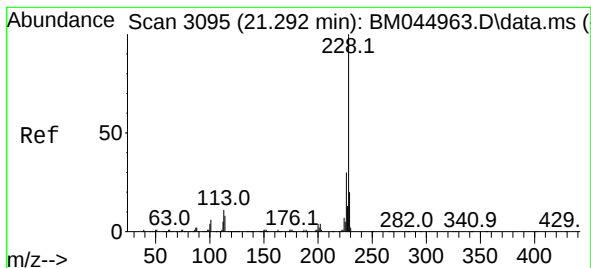
Ion Ratio Lower Upper

149 100

167 24.2 19.7 29.5

279 3.5 3.3 4.9





#87

Chrysene

Concen: 28.316 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

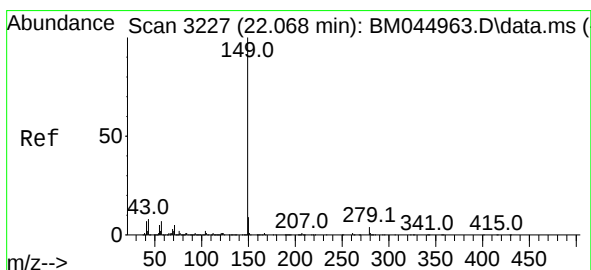
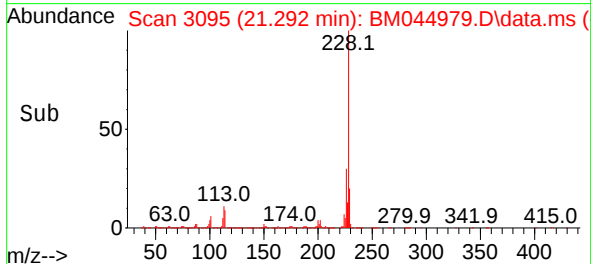
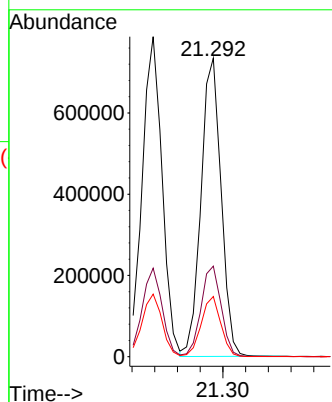
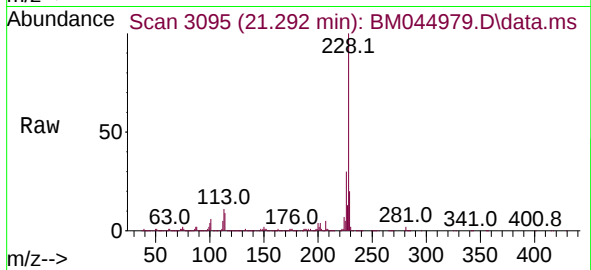
Tgt Ion:228 Resp: 902032

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.2 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 34.357 ng/ul

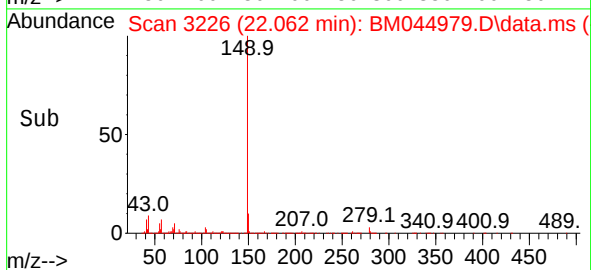
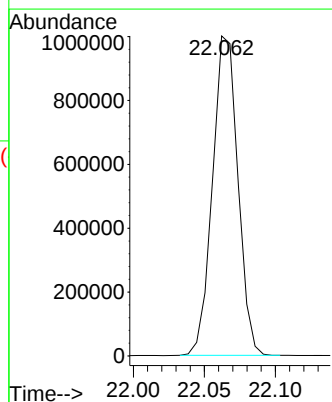
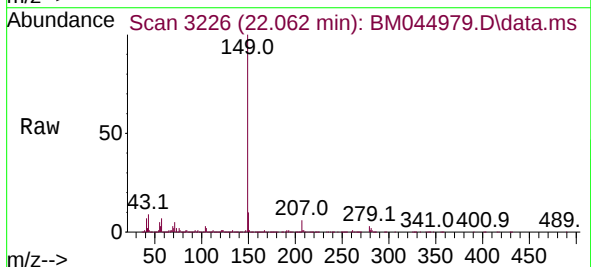
RT: 22.062 min Scan# 3226

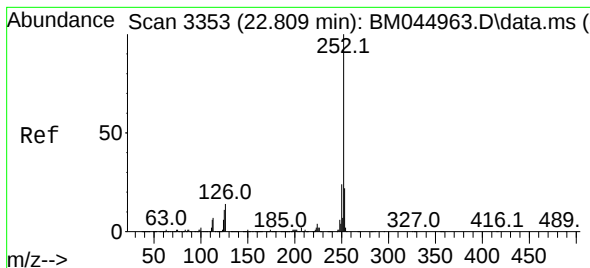
Delta R.T. -0.006 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Tgt Ion:149 Resp: 1245107





#90

Benzo(b)fluoranthene

Concen: 29.866 ng/ul

RT: 22.809 min Scan# 3353

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

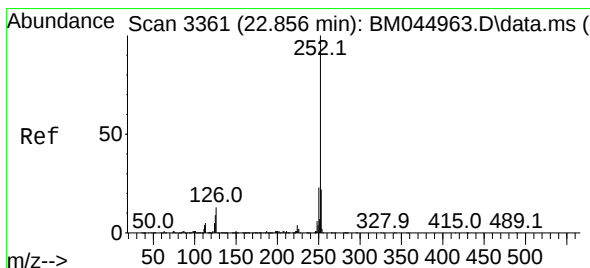
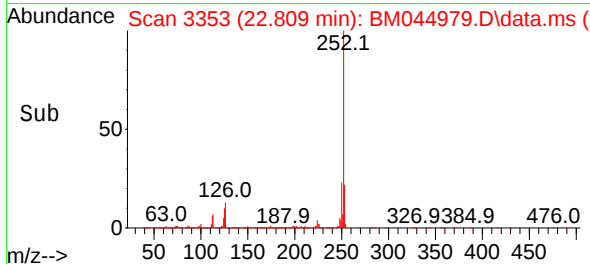
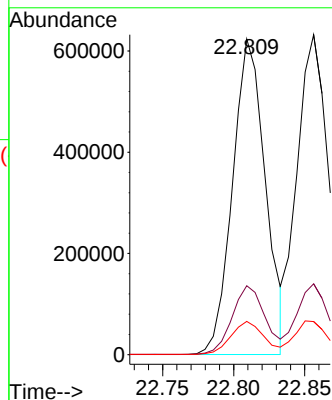
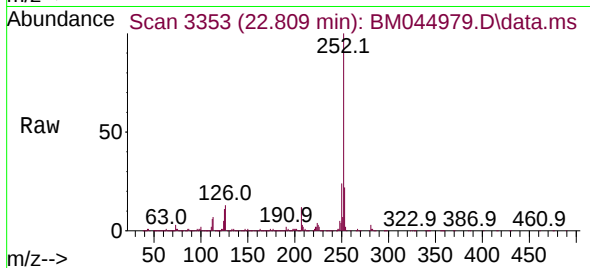
Tgt Ion:252 Resp: 1002641

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 10.5 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 28.979 ng/ul

RT: 22.856 min Scan# 3361

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

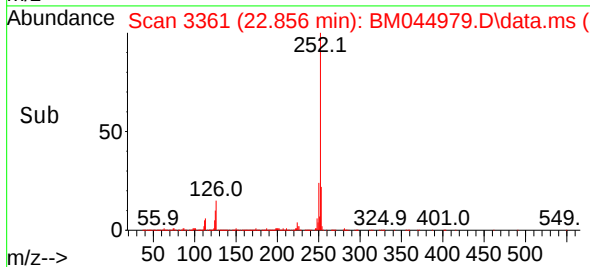
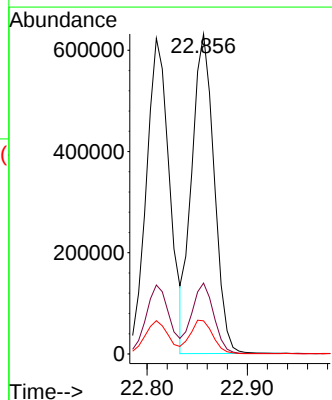
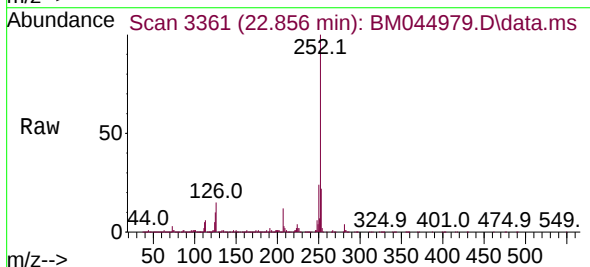
Tgt Ion:252 Resp: 979207

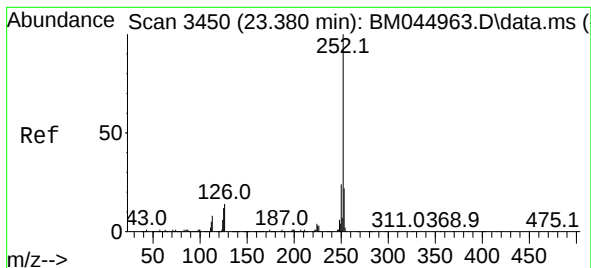
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.3 8.5 12.7





#93

Benzo(a)pyrene

Concen: 25.783 ng/ul

RT: 23.380 min Scan# 3450

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

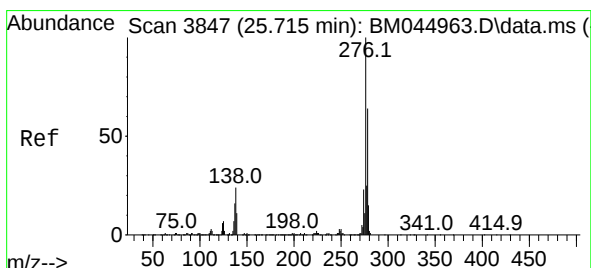
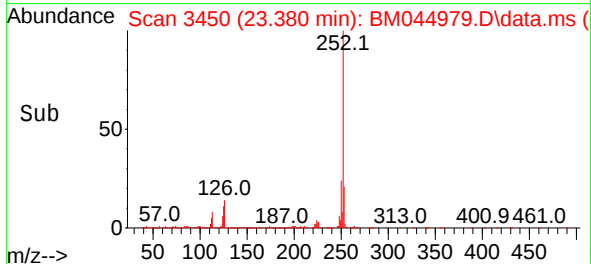
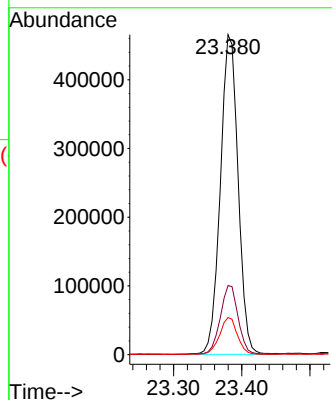
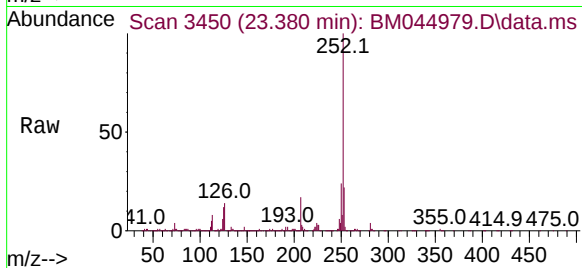
Tgt Ion:252 Resp: 842418

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.6 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.290 ng/ul

RT: 25.715 min Scan# 3847

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

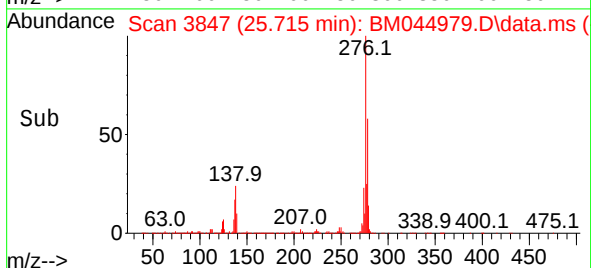
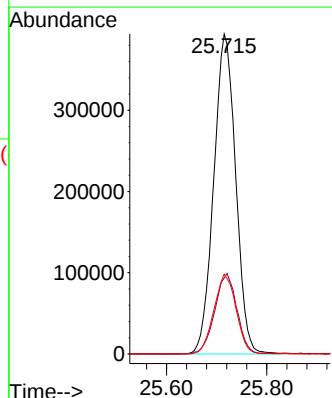
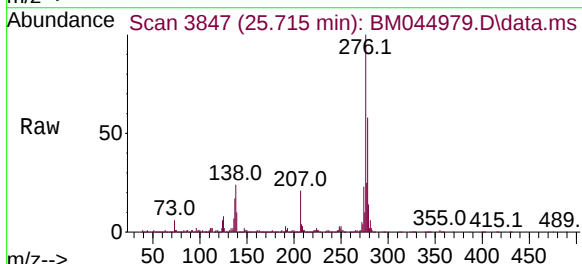
Tgt Ion:276 Resp: 1197305

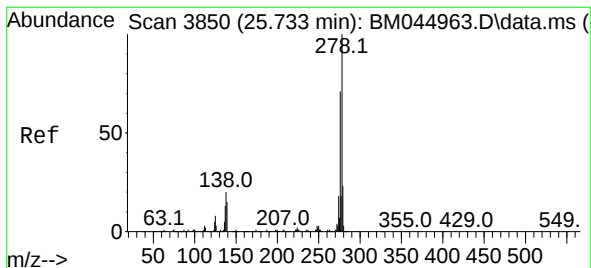
Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

277 25.0 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 27.906 ng/ul

RT: 25.733 min Scan# 3850

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Instrument :

BNA_M

ClientSampleId :

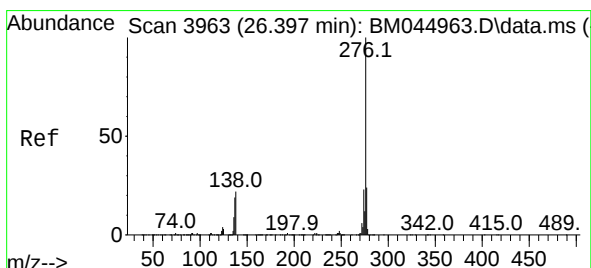
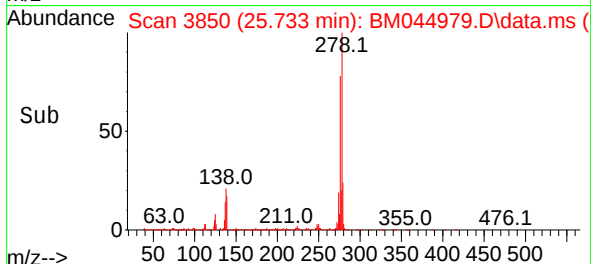
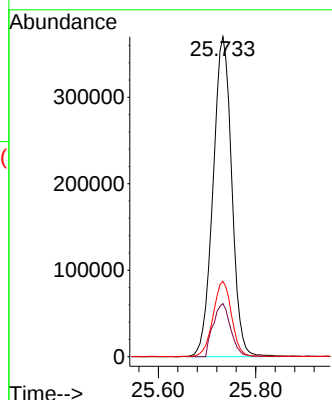
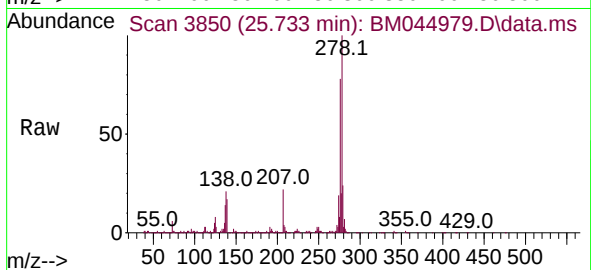
Tgt Ion:278 Resp: 987450

Ion Ratio Lower Upper

278 100

139 16.6 11.9 17.9

279 23.6 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 27.181 ng/ul

RT: 26.397 min Scan# 3963

Delta R.T. -0.000 min

Lab File: BM044979.D

Acq: 06 Apr 2024 20:15

Tgt Ion:276 Resp: 907534

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.6

277 23.9 18.7 28.1

