

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044996.D
 Acq On : 07 Apr 2024 07:01
 Operator : MA/JU
 Sample : PB160055BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 08 05:08:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:01:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	83350	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	366486	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	226778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	472725	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	468240	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	544668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	10659	4.775	ng/uL	0.00
4) Pyridine-d5	3.610	84	96777	15.944	ng/ul	0.00
7) Phenol-d5	6.816	99	117252	16.594	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	70289	16.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	96753	17.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	92018	16.637	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	45784	16.264	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	51164	17.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	99007	18.174	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	128203	14.781	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	259704	16.447	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	306642	16.439	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	48024	14.573	ng/ul	0.00
60) Fluorene-d10	15.280	176	226443	16.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	39544	14.108	ng/ul	0.00
73) Anthracene-d10	17.139	188	348321	16.380	ng/ul	0.00
81) Pyrene-d10	19.445	212	401529	17.415	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	445969	16.784	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	24310	10.429	ng/uL#	84
5) Pyridine	3.622	79	195560	30.407	ng/ul	97
6) Benzaldehyde	6.798	77	128713	39.295	ng/ul	95
8) Phenol	6.845	94	239735	32.763	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	177033	31.001	ng/ul	98
12) 2-Chlorophenol	7.198	128	197744	34.042	ng/ul	98
13) 2-Methylphenol	8.075	108	174867	32.377	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.157	45	216721	31.818	ng/ul	99
16) Acetophenone	8.457	105	278736	30.998	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.439	70	140676	33.134	ng/ul	94
18) 4-Methylphenol	8.404	108	191391	32.877	ng/ul	98
19) Hexachloroethane	8.681	117	83825	32.810	ng/ul	99
22) Nitrobenzene	8.833	77	214574	31.068	ng/ul	98
23) Isophorone	9.357	82	390248	30.754	ng/ul	99
25) 2-Nitrophenol	9.533	139	108695	32.959	ng/ul	89
26) 2,4-Dimethylphenol	9.598	107	180401	28.373	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.839	93	235275	31.275	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	183678	33.372	ng/ul	99
30) Naphthalene	10.457	128	592625	30.547	ng/ul	99
32) 4-Chloroaniline	10.586	127	235883	27.950	ng/ul	97
33) Hexachlorobutadiene	10.722	225	103749	30.317	ng/ul	91
34) Caprolactam	11.386	113	41016	22.073	ng/ul	97
35) 4-Chloro-3-methylphenol	11.716	107	184523	33.725	ng/ul	98
36) 2-Methylnaphthalene	12.074	142	398247	31.439	ng/ul	98

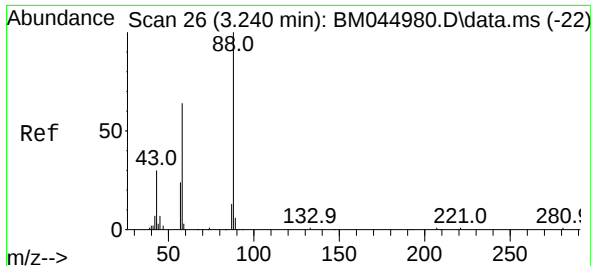
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
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 Quant Title : SVOA CALIBRATION
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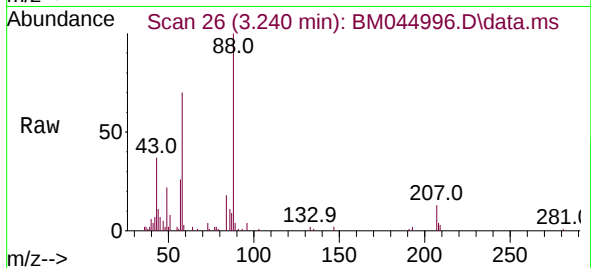
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	399641	31.176	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	203056	32.741	ng/ul	100
40) Hexachlorocyclopentadiene	12.410	237	85649	22.813	ng/ul	95
41) 2,4,6-Trichlorophenol	12.704	196	138625	34.265	ng/ul	98
42) 2,4,5-Trichlorophenol	12.774	196	154615	34.685	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	506731	31.643	ng/ul	98
44) 2-Chloronaphthalene	13.145	162	406961	31.280	ng/ul	99
45) 2-Nitroaniline	13.374	65	122012	33.974	ng/ul	96
47) Dimethylphthalate	13.757	163	498444	30.201	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	102847	31.793	ng/ul	89
50) Acenaphthylene	13.998	152	670990	30.799	ng/ul	99
51) 3-Nitroaniline	14.215	138	114832	32.544	ng/ul	95
52) Acenaphthene	14.345	153	445224	30.626	ng/ul	98
53) 2,4-Dinitrophenol	14.427	184	50856	26.443	ng/ul	96
55) 4-Nitrophenol	14.533	109	82917	28.610	ng/ul	89
56) Dibenzofuran	14.686	168	618423	31.087	ng/ul	99
57) 2,4-Dinitrotoluene	14.674	165	155518	32.118	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.915	232	126200	33.079	ng/ul	97
59) Diethylphthalate	15.127	149	515995	30.646	ng/ul	99
61) Fluorene	15.339	166	513579	30.631	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	239182	30.434	ng/ul	99
63) 4-Nitroaniline	15.386	138	107212	33.420	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.439	198	80860	26.938	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	421555	33.057	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	149664	32.507	ng/ul	94
69) Hexachlorobenzene	16.333	284	188452	31.467	ng/ul	97
70) Atrazine	16.527	200	148821	31.726	ng/ul	98
71) Pentachlorophenol	16.692	266	113560	31.215	ng/ul	97
72) Phenanthrene	17.080	178	784121	30.823	ng/ul	98
74) Anthracene	17.174	178	794946	30.549	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	198656	33.342	ng/uL	96
76) Pentachlorobenzene	14.598	250	205187	32.367	ng/uL	97
77) Carbazole	17.456	167	749483	29.870	ng/ul	99
78) Di-n-butylphthalate	18.027	149	948698	33.526	ng/ul	100
80) Fluoranthene	19.109	202	937747	34.484	ng/ul	99
82) Pyrene	19.474	202	999323	34.054	ng/ul	99
83) Butylbenzylphthalate	20.397	149	445933	36.270	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	323546	31.076	ng/ul	96
85) Benzo(a)anthracene	21.233	228	1000468	31.490	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	716895	37.302	ng/ul	99
87) Chrysene	21.286	228	945686	31.930	ng/ul	99
89) Di-n-octyl phthalate	22.056	149	1221830	35.654	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1073363	33.812	ng/ul	100
91) Benzo(k)fluoranthene	22.850	252	1037369	32.466	ng/ul	99
93) Benzo(a)pyrene	23.374	252	888821	28.768	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.709	276	1294712	32.351	ng/ul	99
95) Dibenzo(a,h)anthracene	25.721	278	1067543	31.905	ng/ul	99
96) Benzo(g,h,i)perylene	26.391	276	976784	30.938	ng/ul	99

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

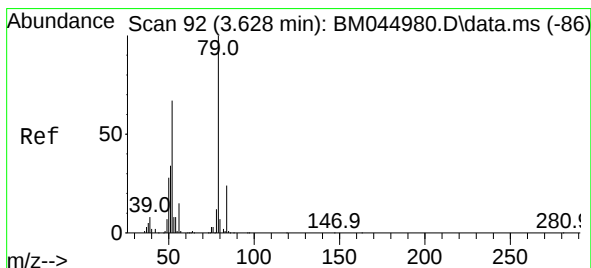
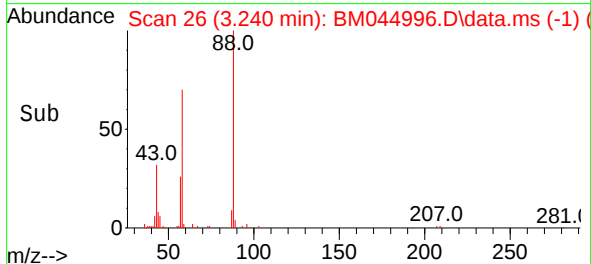
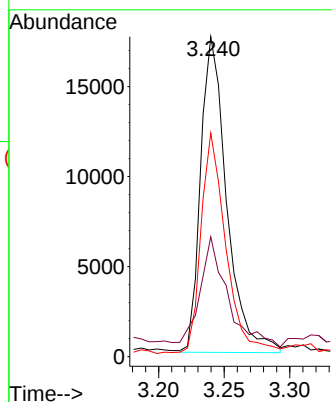


#2
1,4-Dioxane
Concen: 10.429 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Instrument :
BNA_M
ClientSampleId :

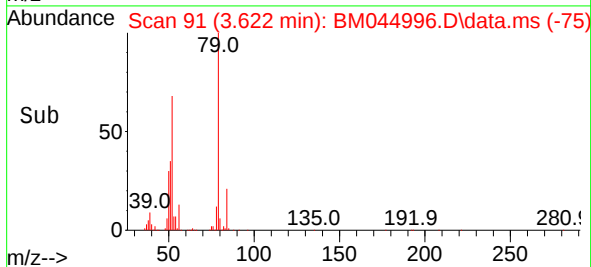
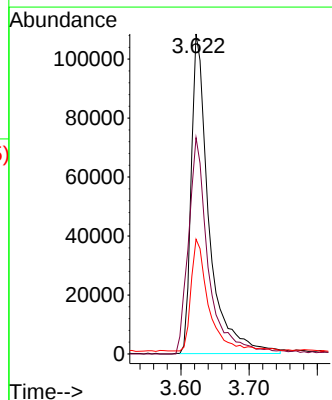
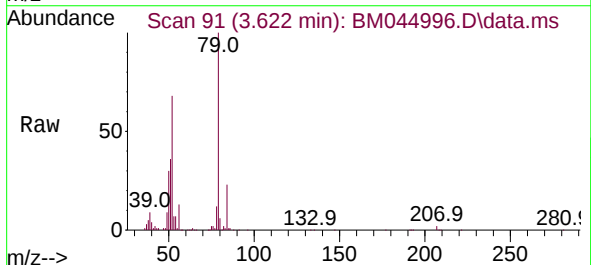


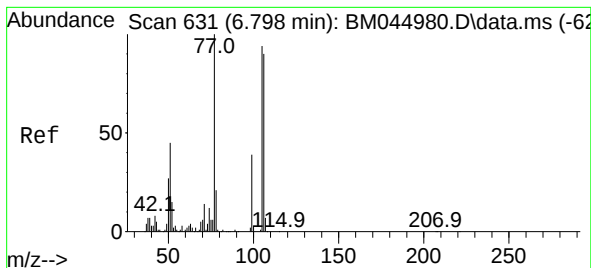
Tgt Ion: 88 Resp: 24310
Ion Ratio Lower Upper
88 100
43 37.5 24.0 36.0#
58 69.9 45.4 68.2#



#5
Pyridine
Concen: 30.407 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion: 79 Resp: 195560
Ion Ratio Lower Upper
79 100
52 67.6 56.0 84.0
51 35.8 27.6 41.4





#6

Benzaldehyde

Concen: 39.295 ng/ul

RT: 6.798 min Scan# 631

Delta R.T. -0.000 min

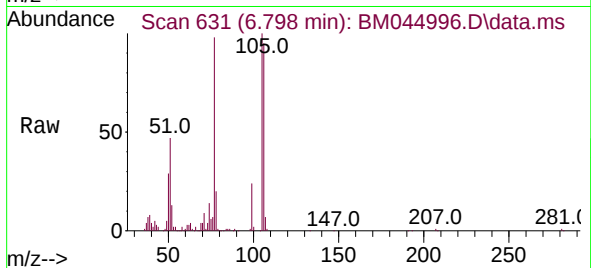
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Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



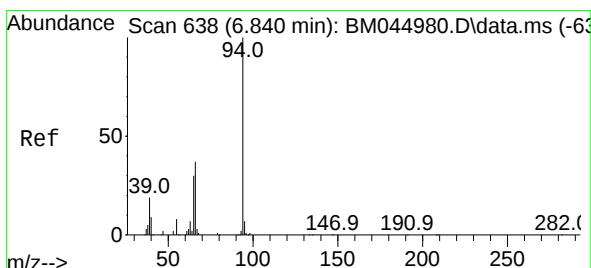
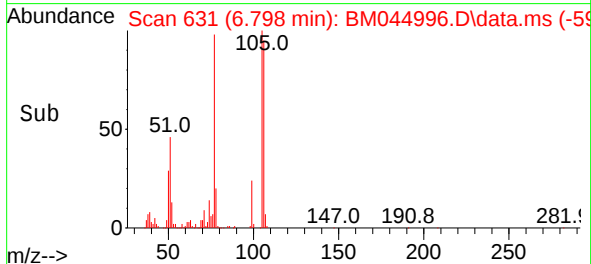
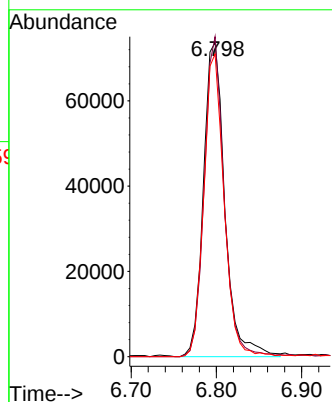
Tgt Ion: 77 Resp: 128713

Ion Ratio Lower Upper

77 100

105 101.9 75.8 113.6

106 96.4 74.6 112.0



#8

Phenol

Concen: 32.763 ng/ul

RT: 6.845 min Scan# 639

Delta R.T. 0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

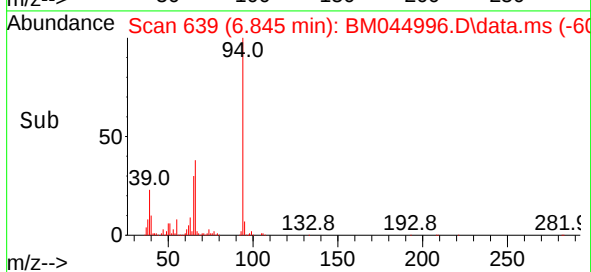
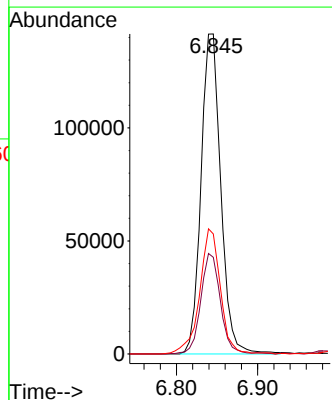
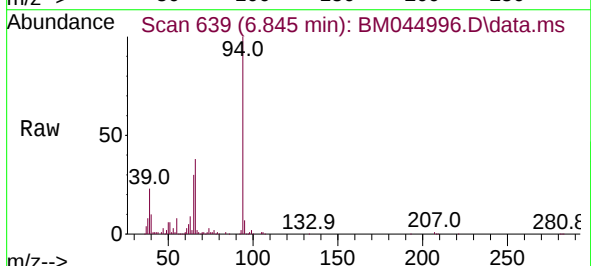
Tgt Ion: 94 Resp: 239735

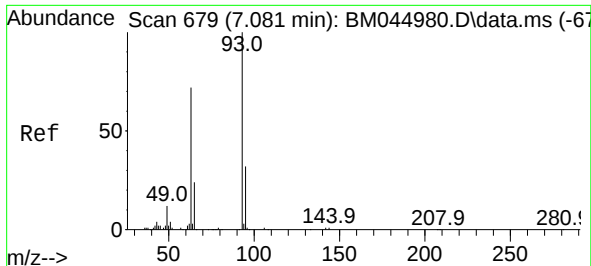
Ion Ratio Lower Upper

94 100

65 30.2 21.7 32.5

66 37.5 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 31.001 ng/ul

RT: 7.075 min Scan# 61

Delta R.T. -0.006 min

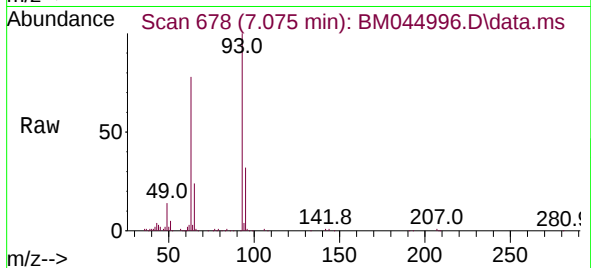
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Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



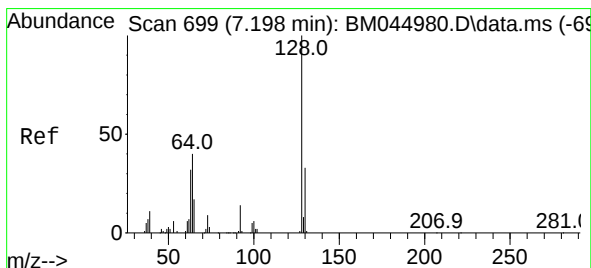
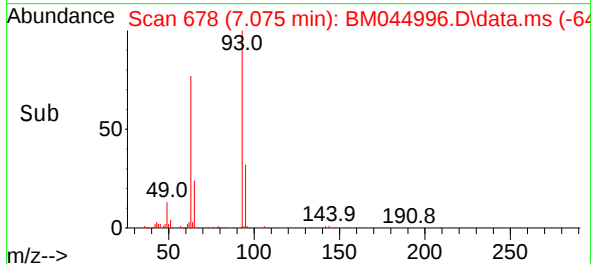
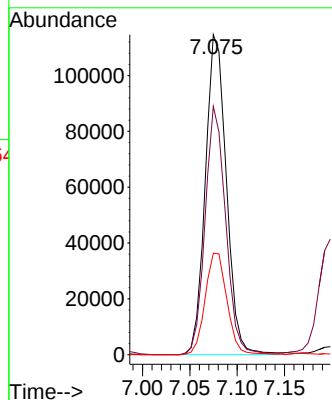
Tgt Ion: 93 Resp: 177033

Ion Ratio Lower Upper

93 100

63 77.6 61.3 91.9

95 31.7 27.6 41.4



#12

2-Chlorophenol

Concen: 34.042 ng/ul

RT: 7.198 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

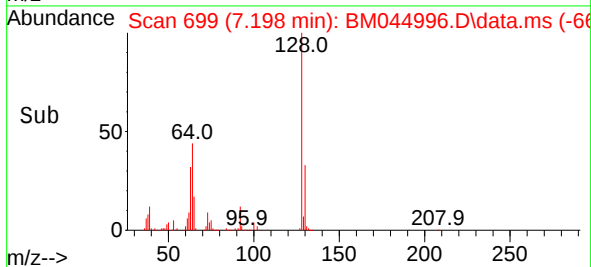
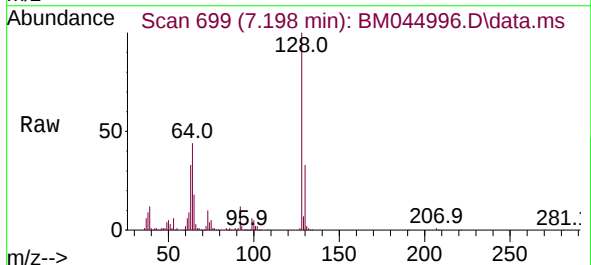
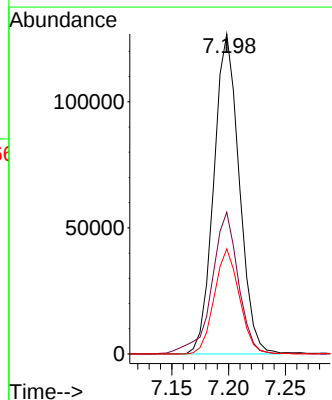
Tgt Ion: 128 Resp: 197744

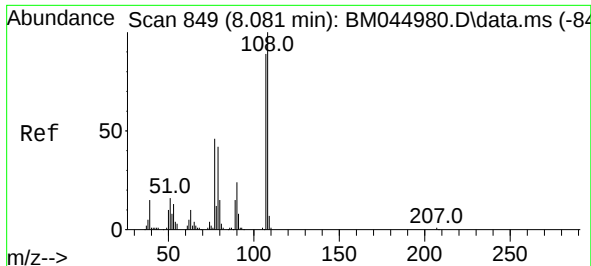
Ion Ratio Lower Upper

128 100

64 44.3 33.3 49.9

130 32.8 26.2 39.4





#13

2-Methylphenol

Concen: 32.377 ng/ul

RT: 8.075 min Scan# 84

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

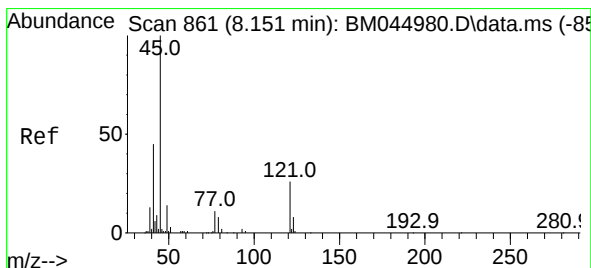
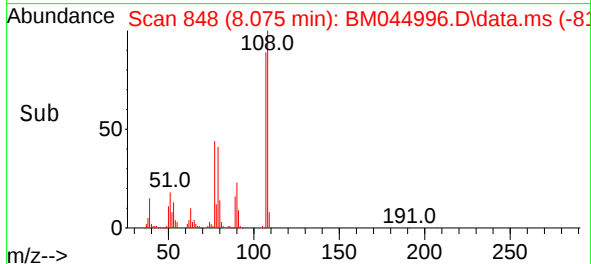
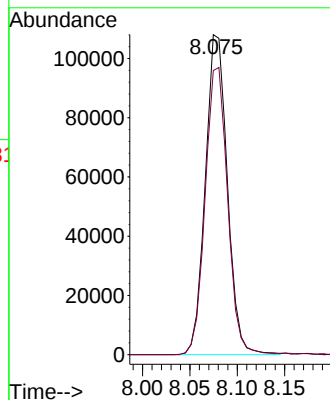
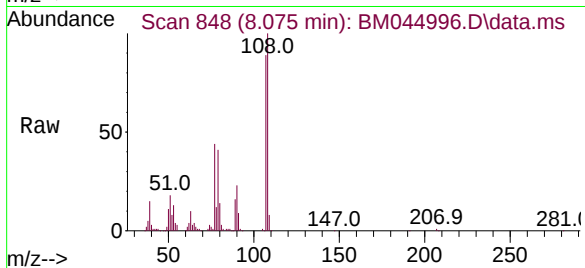
ClientSampleId :

Tgt Ion:108 Resp: 174867

Ion Ratio Lower Upper

108 100

107 88.8 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.818 ng/ul

RT: 8.157 min Scan# 862

Delta R.T. 0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

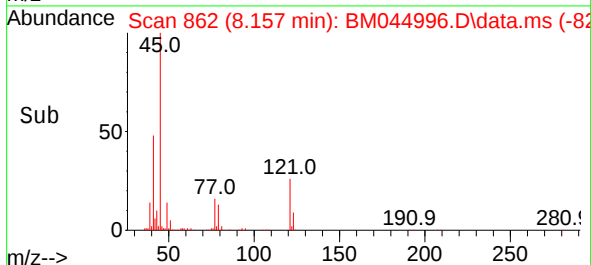
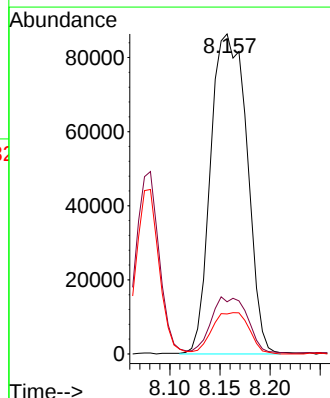
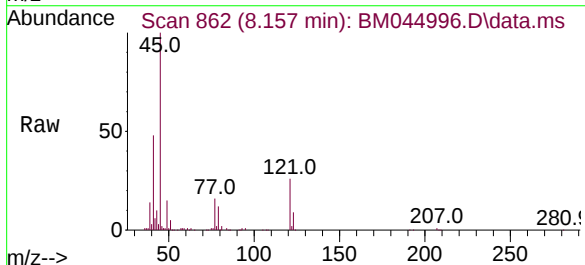
Tgt Ion: 45 Resp: 216721

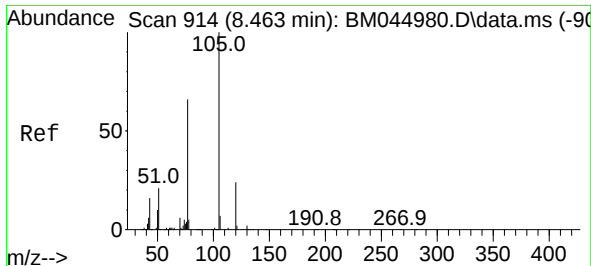
Ion Ratio Lower Upper

45 100

77 16.3 13.4 20.0

79 12.5 10.1 15.1

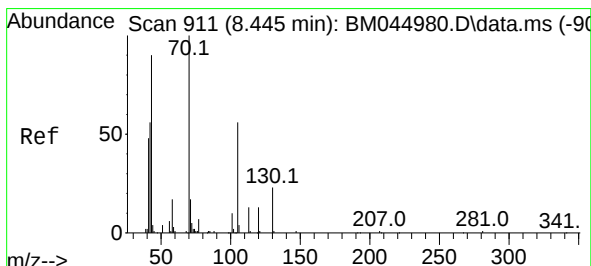
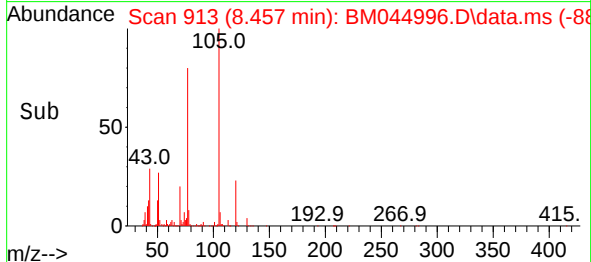
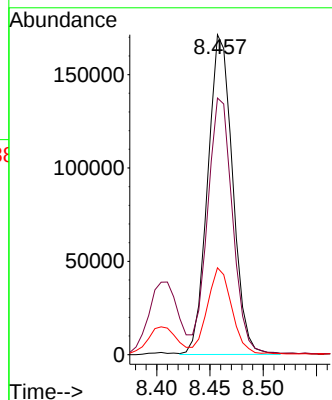
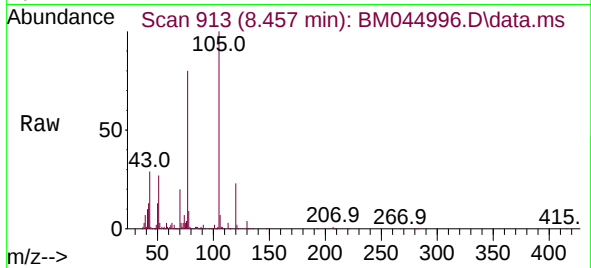




#16
Acetophenone
Concen: 30.998 ng/ul
RT: 8.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

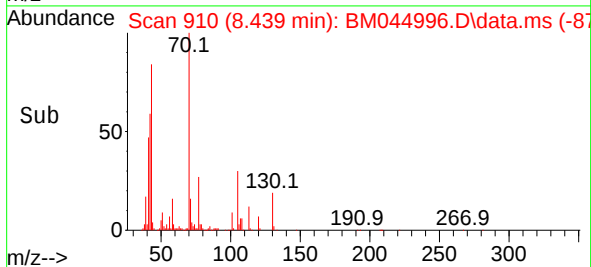
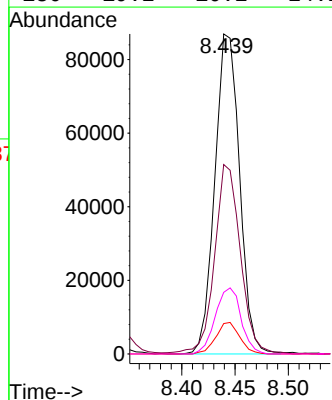
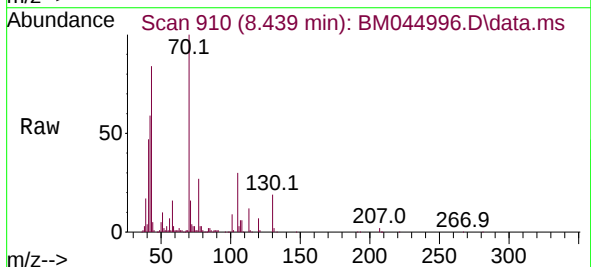
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BNA_M
ClientSampleId :

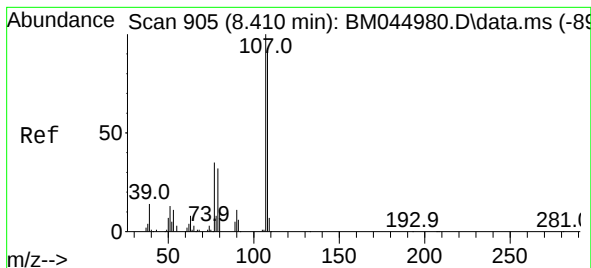
Tgt Ion:105 Resp: 278736
Ion Ratio Lower Upper
105 100
77 80.2 65.8 98.6
51 27.2 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 33.134 ng/ul
RT: 8.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion: 70 Resp: 140676
Ion Ratio Lower Upper
70 100
42 59.2 43.2 64.8
101 9.5 6.4 9.6
130 19.2 16.2 24.2





#18

4-Methylphenol

Concen: 32.877 ng/ul

RT: 8.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

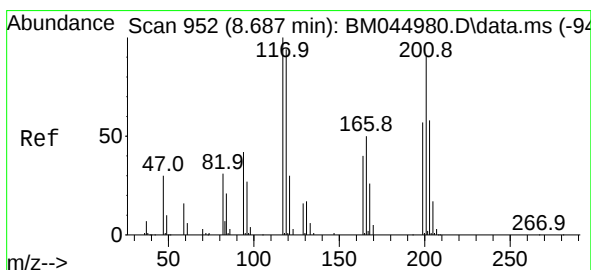
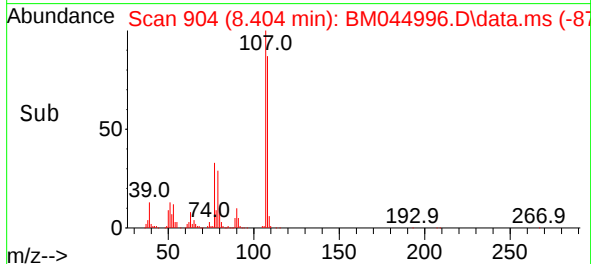
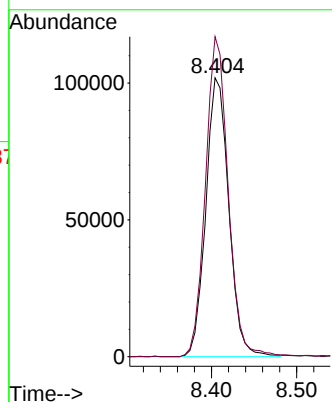
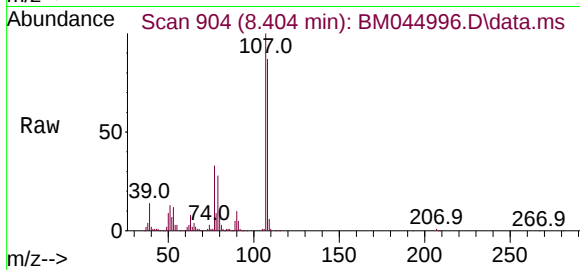
ClientSampleId :

Tgt Ion:108 Resp: 191391

Ion Ratio Lower Upper

108 100

107 114.8 90.0 135.0



#19

Hexachloroethane

Concen: 32.810 ng/ul

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

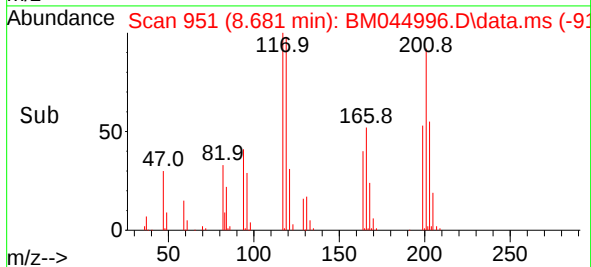
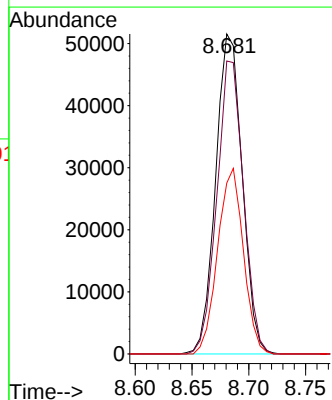
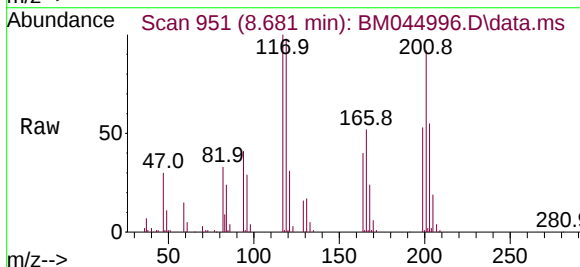
Tgt Ion:117 Resp: 83825

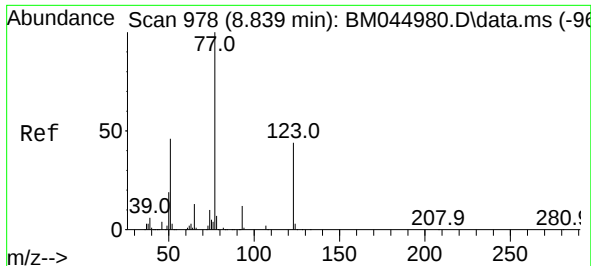
Ion Ratio Lower Upper

117 100

201 91.6 73.0 109.4

199 53.4 44.4 66.6

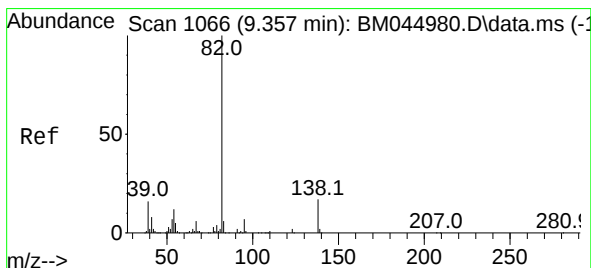
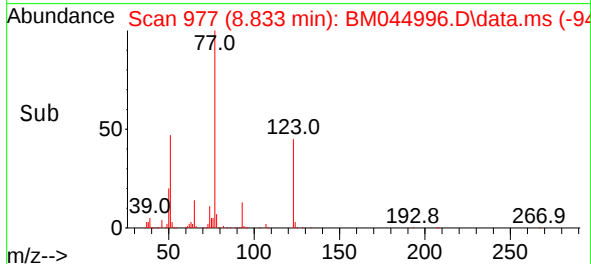
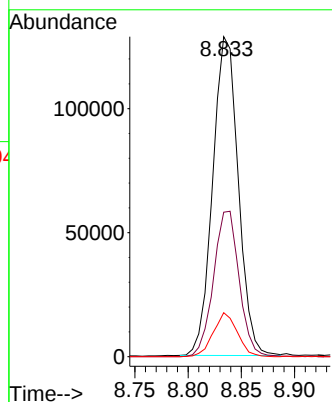
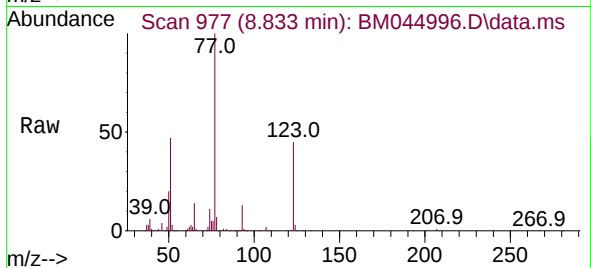




#22
Nitrobenzene
Concen: 31.068 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

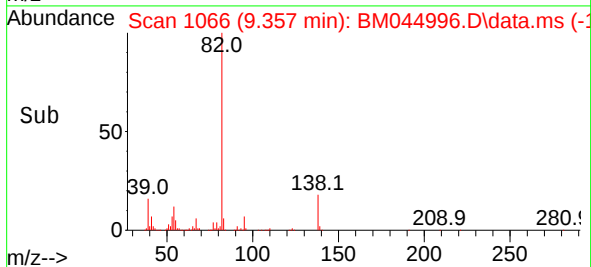
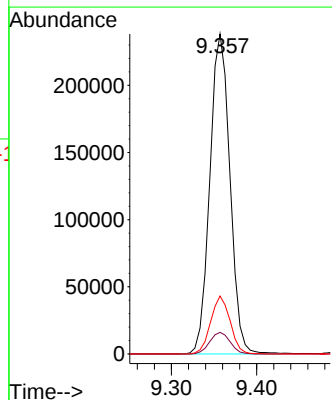
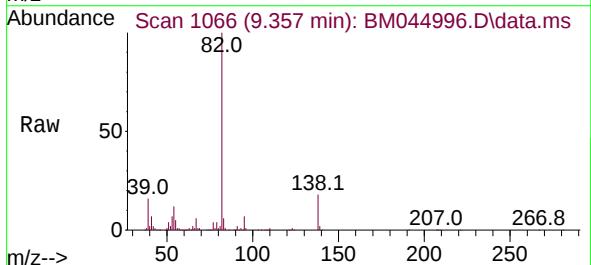
Instrument :
BNA_M
ClientSampleId :

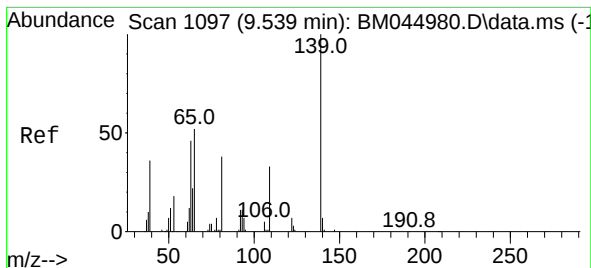
Tgt Ion: 77 Resp: 214574
Ion Ratio Lower Upper
77 100
123 45.2 37.4 56.2
65 13.8 10.7 16.1



#23
Isophorone
Concen: 30.754 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion: 82 Resp: 390248
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 18.1 14.2 21.4

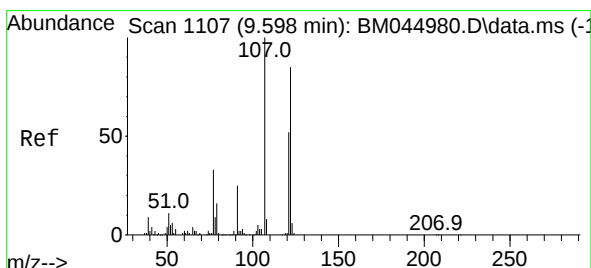
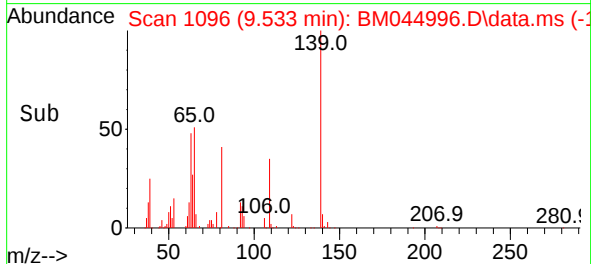
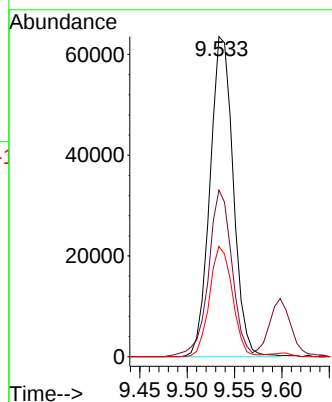
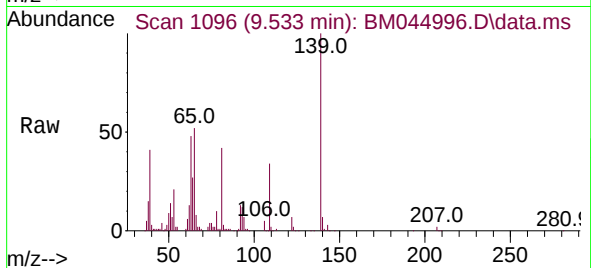




#25
2-Nitrophenol
Concen: 32.959 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

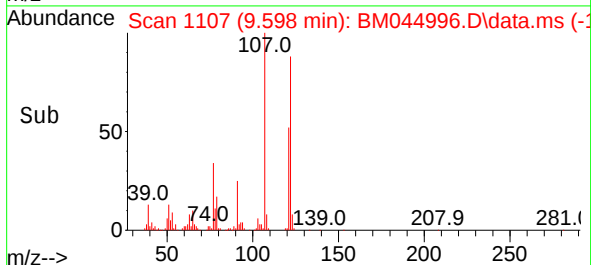
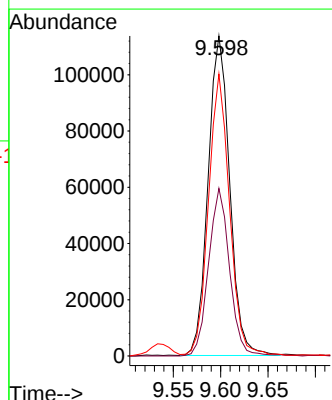
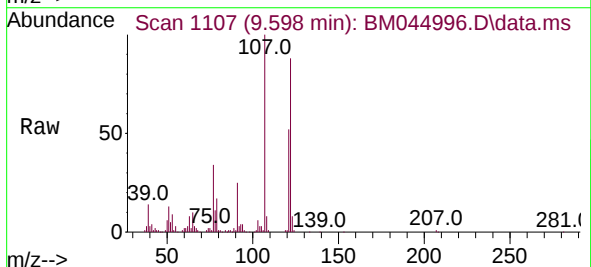
Instrument :
BNA_M
ClientSampleId :

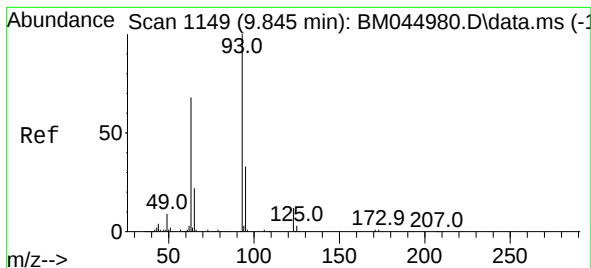
Tgt Ion:139 Resp: 108695
Ion Ratio Lower Upper
139 100
65 52.1 34.9 52.3
109 34.4 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 28.373 ng/ul
RT: 9.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:107 Resp: 180401
Ion Ratio Lower Upper
107 100
121 52.3 41.1 61.7
122 88.1 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 31.275 ng/ul

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

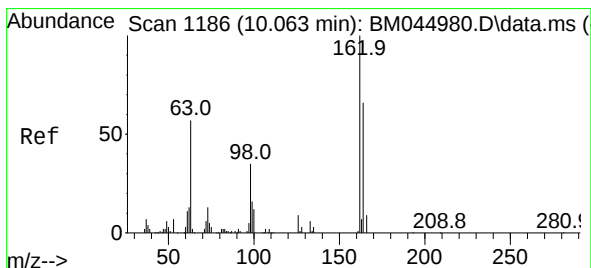
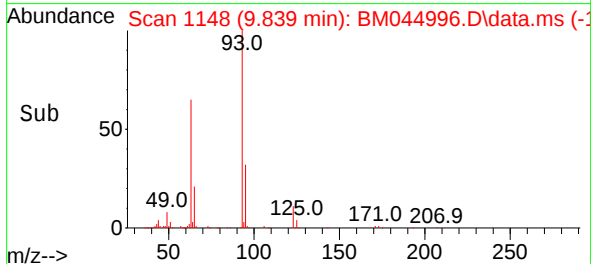
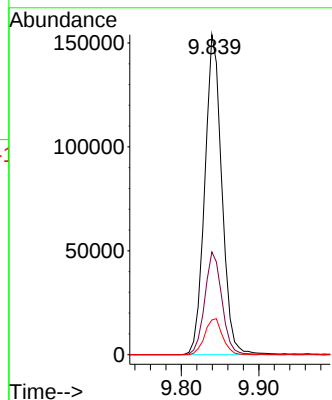
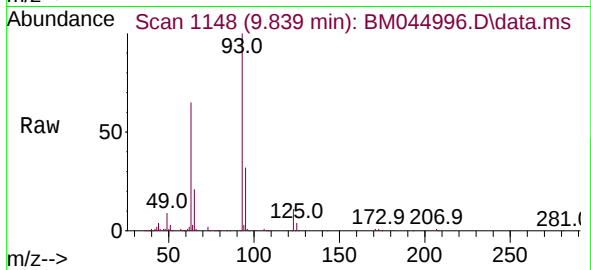
Tgt Ion: 93 Resp: 235275

Ion Ratio Lower Upper

93 100

95 32.1 26.9 40.3

123 10.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 33.372 ng/ul

RT: 10.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

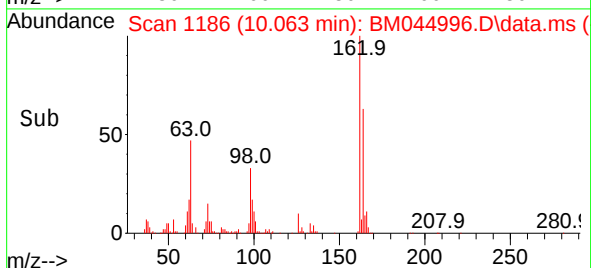
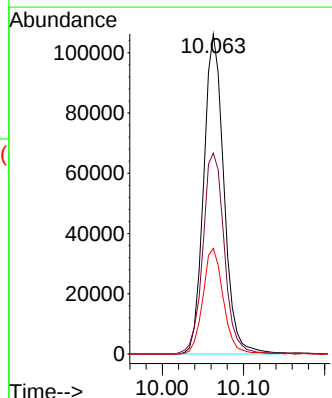
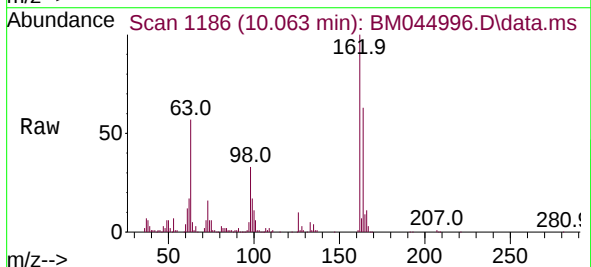
Tgt Ion:162 Resp: 183678

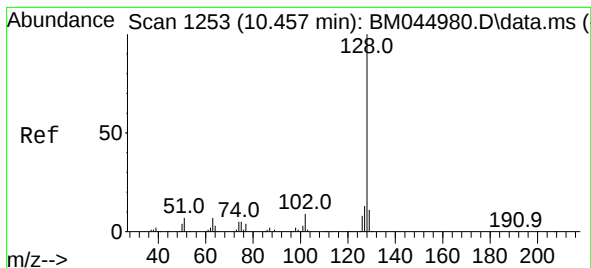
Ion Ratio Lower Upper

162 100

164 62.8 50.4 75.6

98 33.0 27.0 40.4

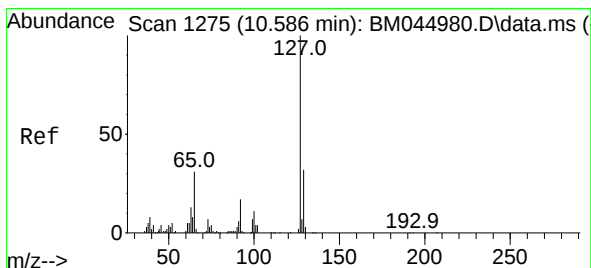
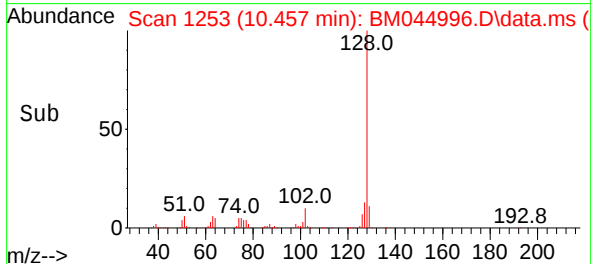
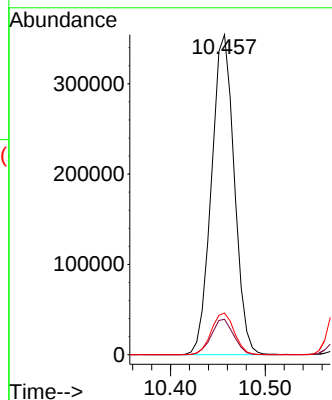
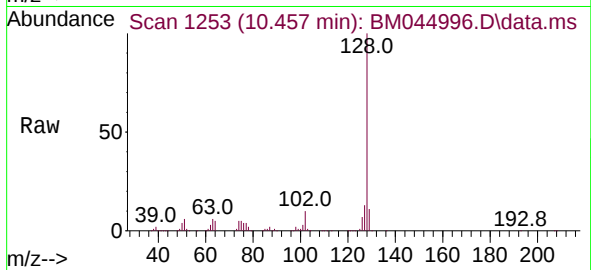




#30
Naphthalene
Concen: 30.547 ng/ul
RT: 10.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

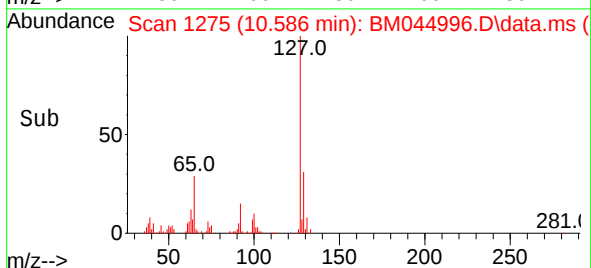
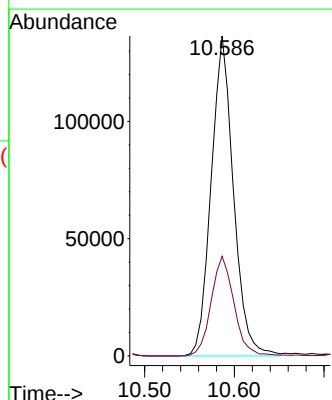
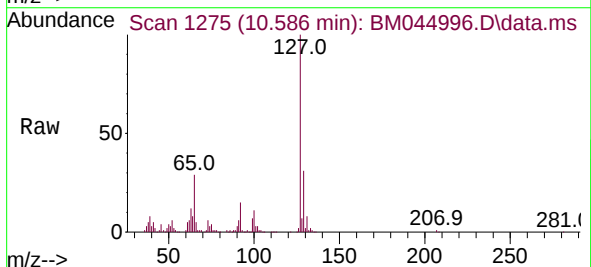
Instrument :
BNA_M
ClientSampleId :

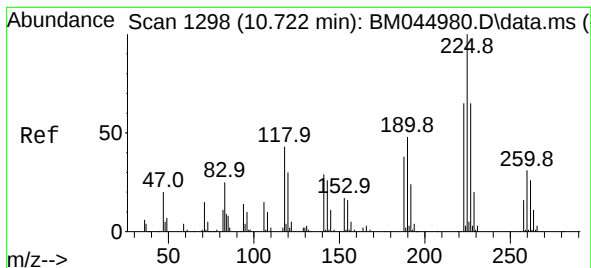
Tgt Ion:128 Resp: 592625
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 27.950 ng/ul
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:127 Resp: 235883
Ion Ratio Lower Upper
127 100
129 31.1 26.2 39.2





#33

Hexachlorobutadiene

Concen: 30.317 ng/ul

RT: 10.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

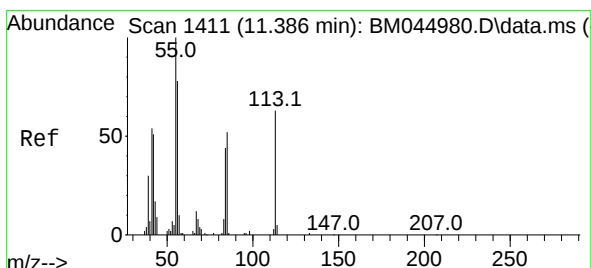
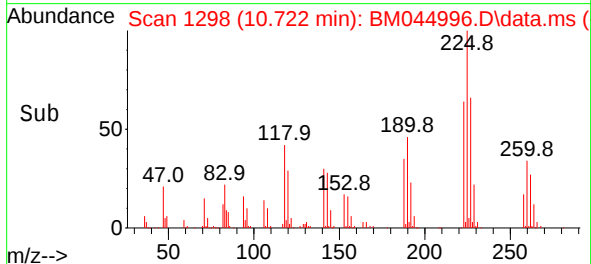
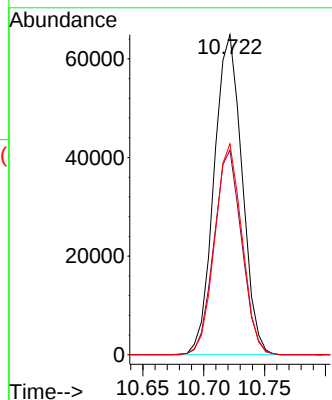
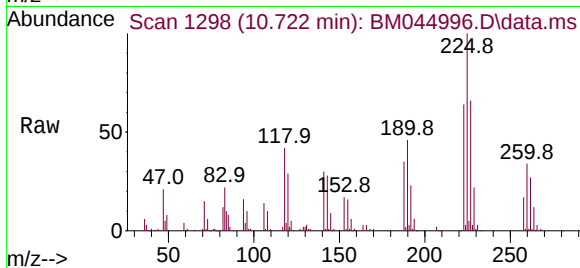
Tgt Ion:225 Resp: 103749

Ion Ratio Lower Upper

225 100

223 64.0 45.3 67.9

227 65.9 47.6 71.4



#34

Caprolactam

Concen: 22.073 ng/ul

RT: 11.386 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

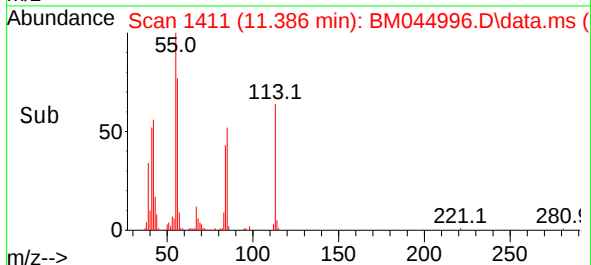
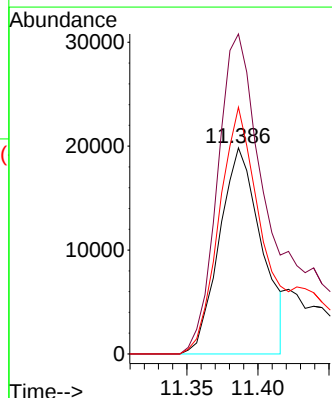
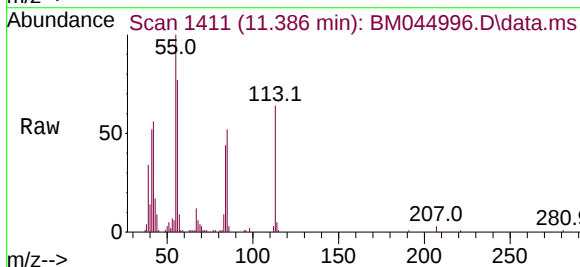
Tgt Ion:113 Resp: 41016

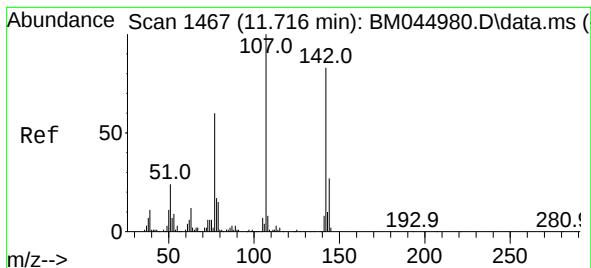
Ion Ratio Lower Upper

113 100

55 155.2 125.4 188.0

56 119.7 91.8 137.8

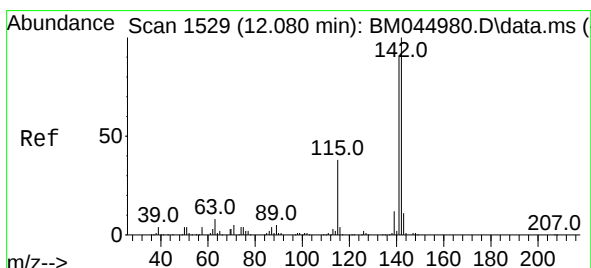
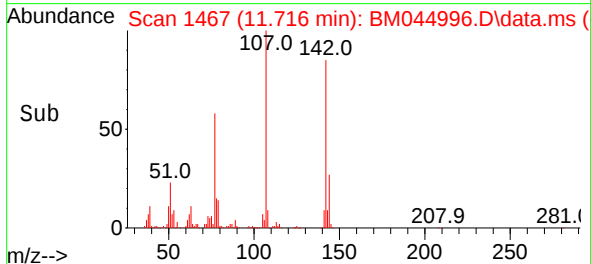
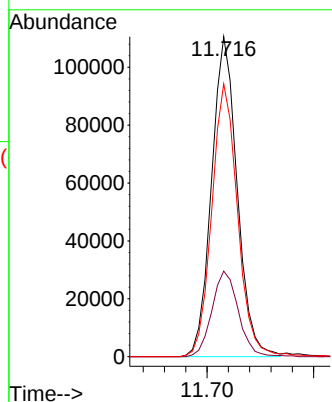
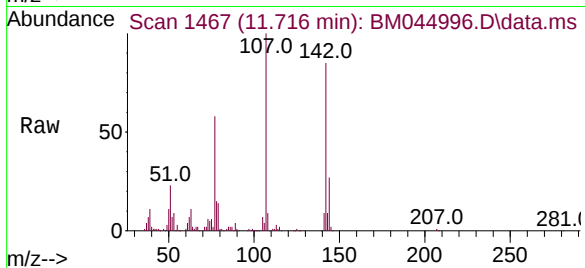




#35
4-Chloro-3-methylphenol
Concen: 33.725 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

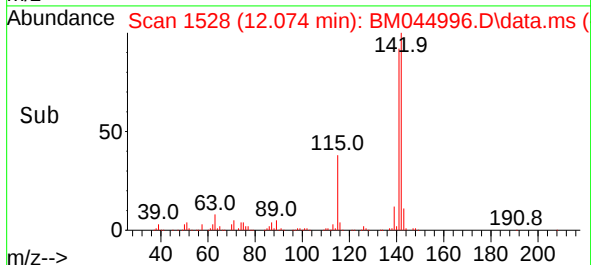
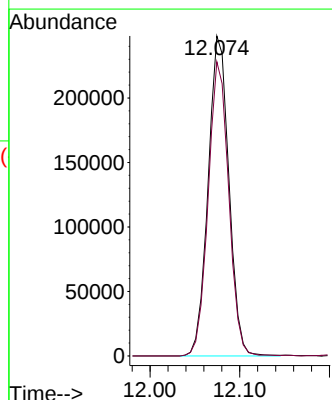
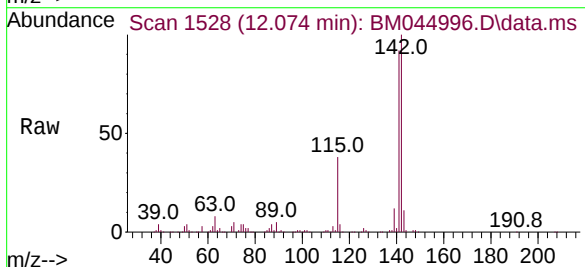
Instrument :
BNA_M
ClientSampleId :

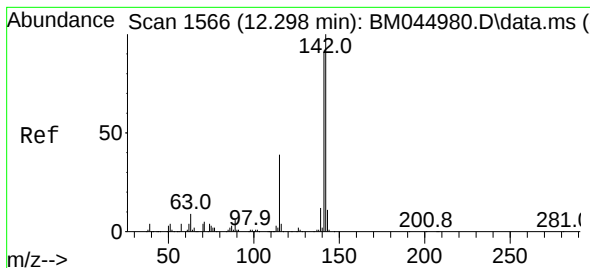
Tgt Ion:107 Resp: 184523
Ion Ratio Lower Upper
107 100
144 26.8 22.8 34.2
142 85.3 69.8 104.6



#36
2-Methylnaphthalene
Concen: 31.439 ng/ul
RT: 12.074 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:142 Resp: 398247
Ion Ratio Lower Upper
142 100
141 92.0 72.3 108.5





#37

1-Methylnaphthalene

Concen: 31.176 ng/ul

RT: 12.298 min Scan# 1566

Delta R.T. -0.000 min

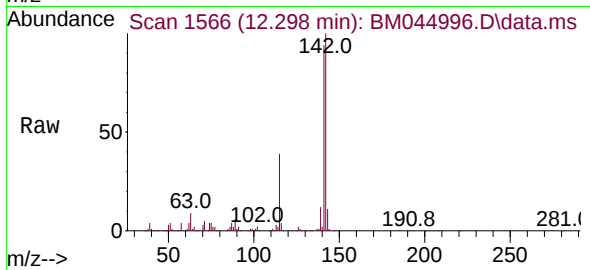
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



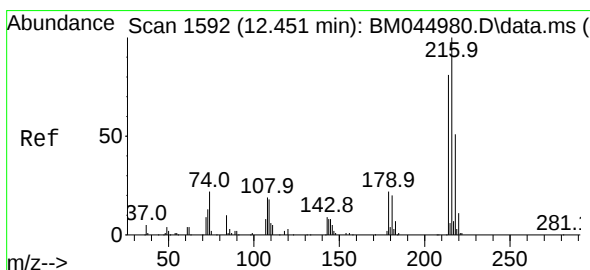
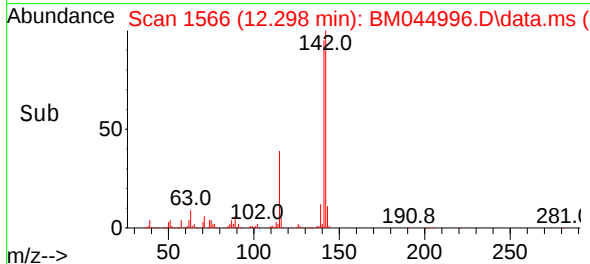
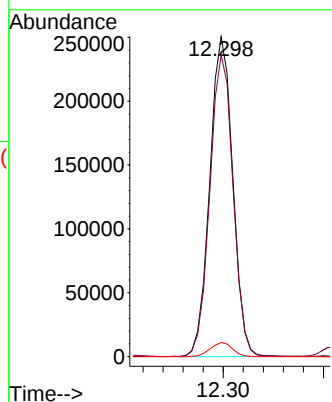
Tgt Ion:142 Resp: 399641

Ion Ratio Lower Upper

142 100

141 94.4 77.2 115.8

116 4.5 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.741 ng/ul

RT: 12.445 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Tgt Ion:216 Resp: 203056

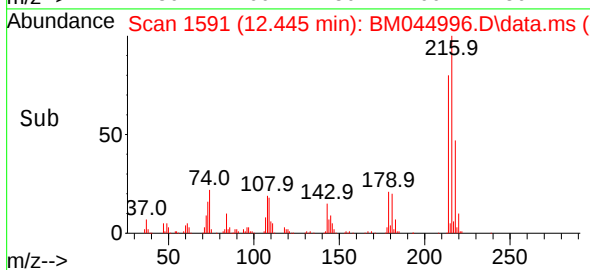
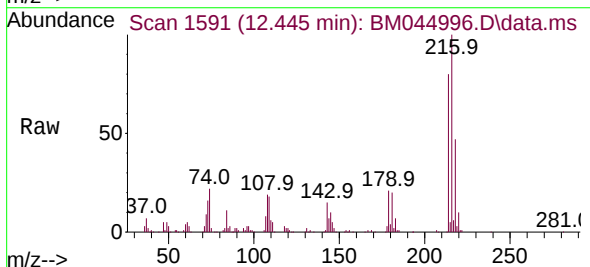
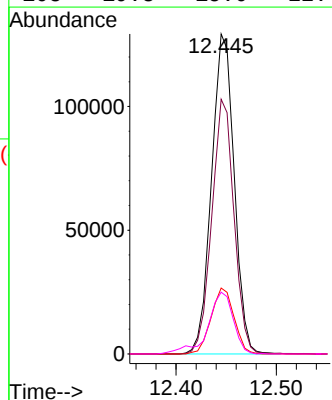
Ion Ratio Lower Upper

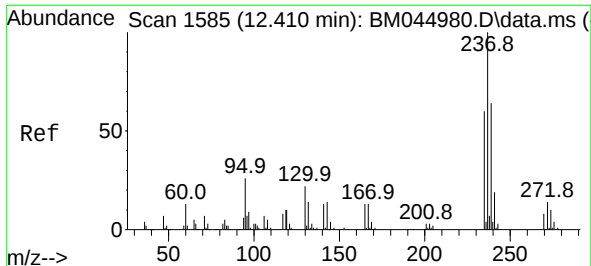
216 100

214 79.6 63.5 95.3

179 20.6 16.6 25.0

108 19.3 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 22.813 ng/ul

RT: 12.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

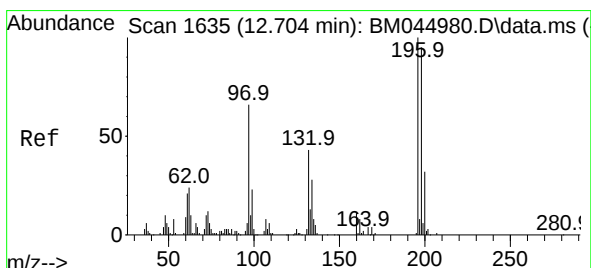
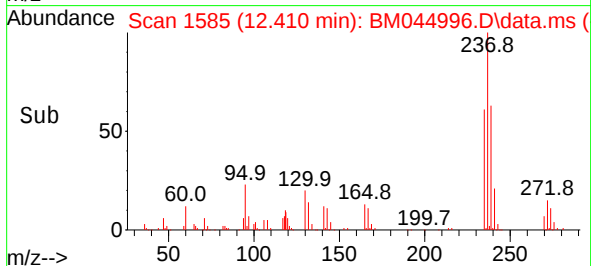
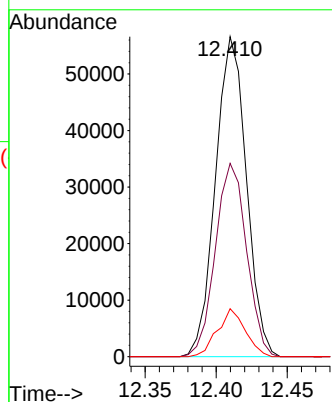
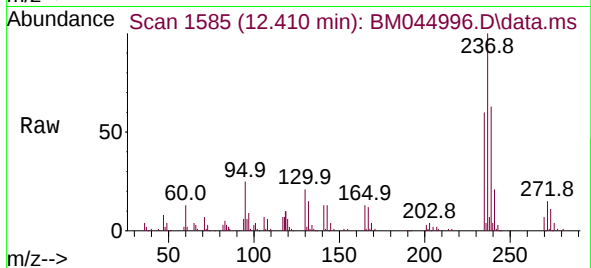
Tgt Ion:237 Resp: 85649

Ion Ratio Lower Upper

237 100

235 60.4 51.3 76.9

272 15.0 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 34.265 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

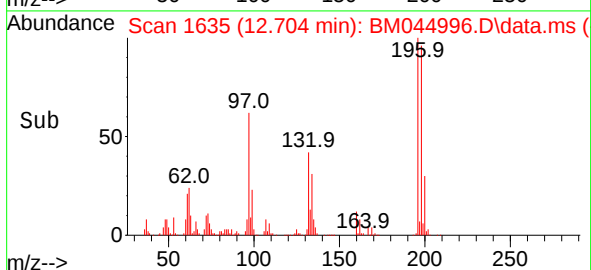
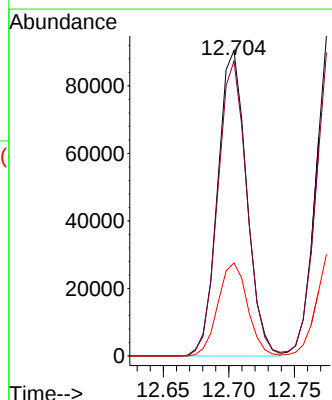
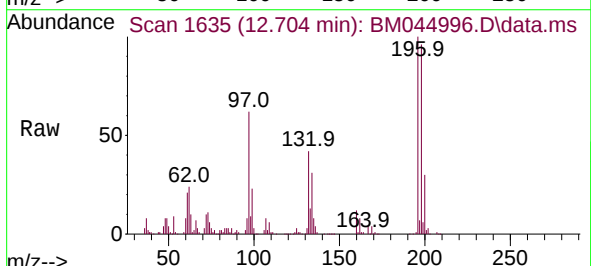
Tgt Ion:196 Resp: 138625

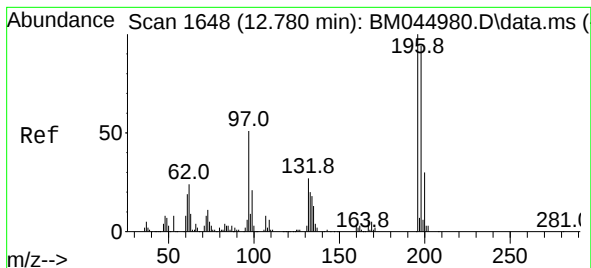
Ion Ratio Lower Upper

196 100

198 96.5 79.4 119.2

200 30.5 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 34.685 ng/ul

RT: 12.774 min Scan# 1

Delta R.T. -0.006 min

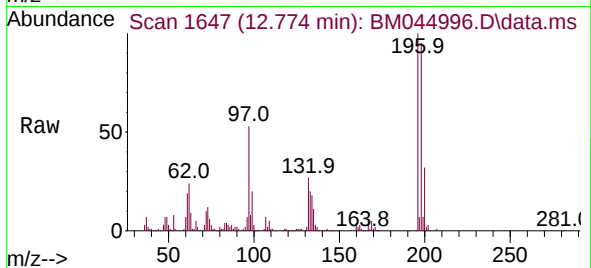
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



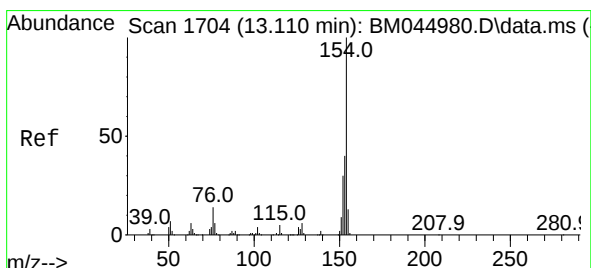
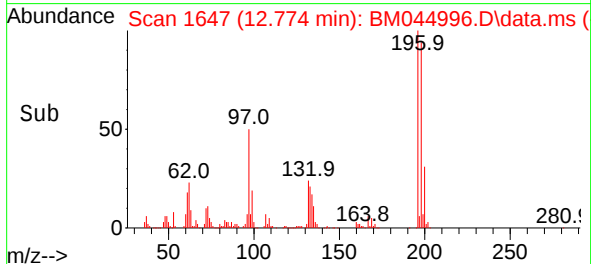
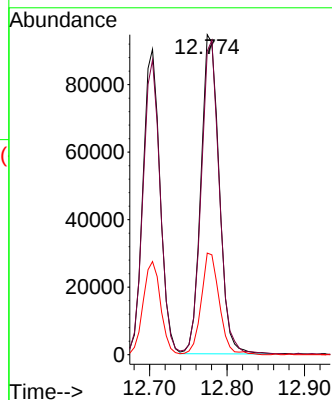
Tgt Ion:196 Resp: 154615

Ion Ratio Lower Upper

196 100

198 94.8 79.9 119.9

200 31.7 25.6 38.4



#43

1,1'-Biphenyl

Concen: 31.643 ng/ul

RT: 13.110 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

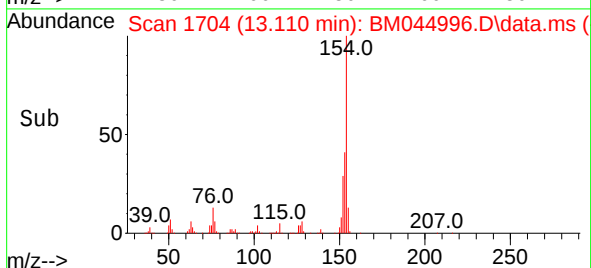
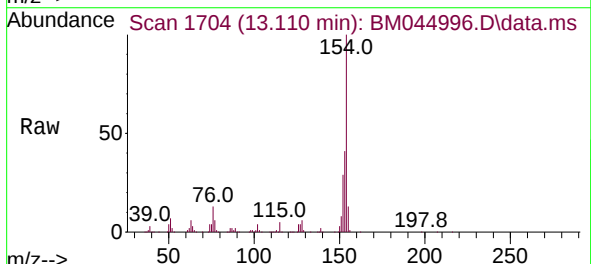
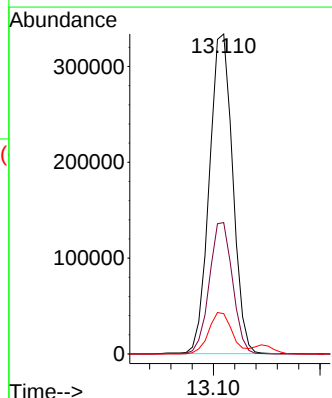
Tgt Ion:154 Resp: 506731

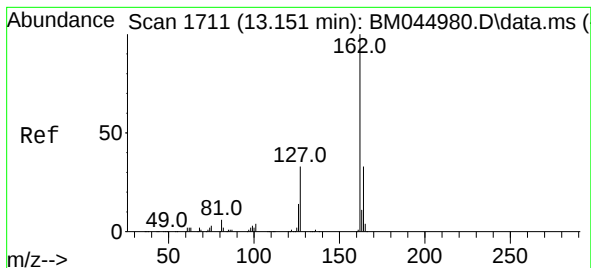
Ion Ratio Lower Upper

154 100

153 41.0 31.6 47.4

76 12.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 31.280 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

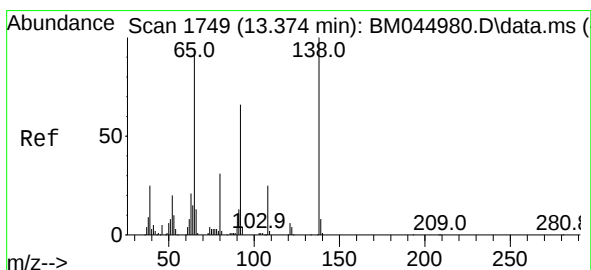
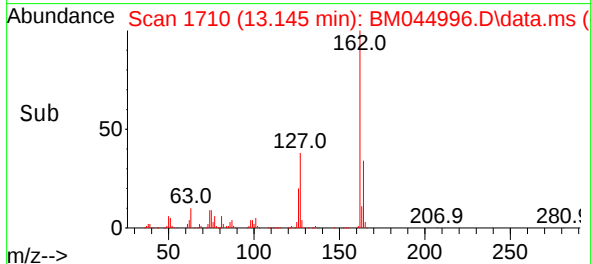
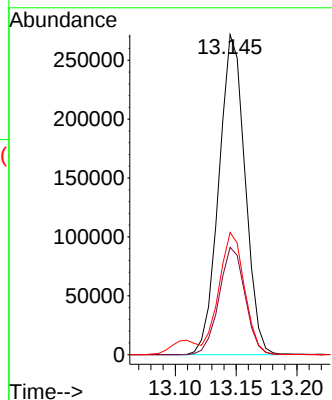
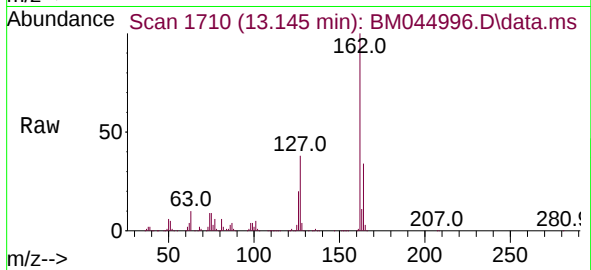
Tgt Ion:162 Resp: 406961

Ion Ratio Lower Upper

162 100

164 33.6 26.1 39.1

127 38.2 30.1 45.1



#45

2-Nitroaniline

Concen: 33.974 ng/ul

RT: 13.374 min Scan# 1749

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

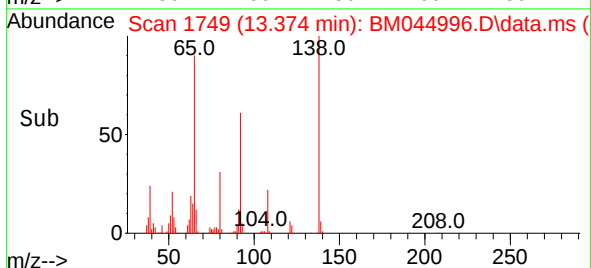
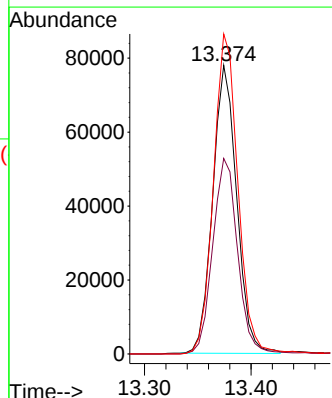
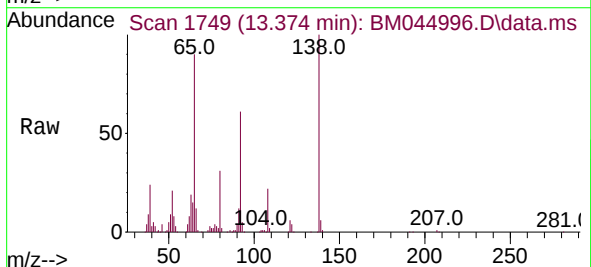
Tgt Ion: 65 Resp: 122012

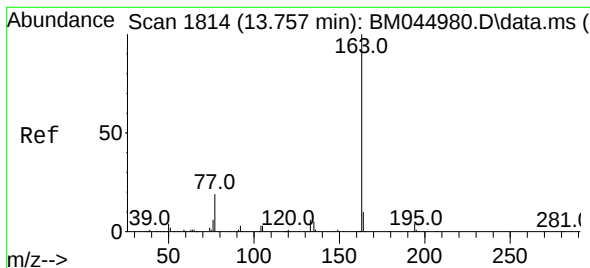
Ion Ratio Lower Upper

65 100

92 67.7 55.2 82.8

138 110.9 93.0 139.4





#47

Dimethylphthalate

Concen: 30.201 ng/ul

RT: 13.757 min Scan# 1814

Delta R.T. -0.000 min

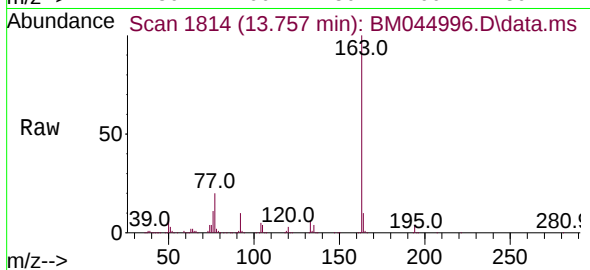
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



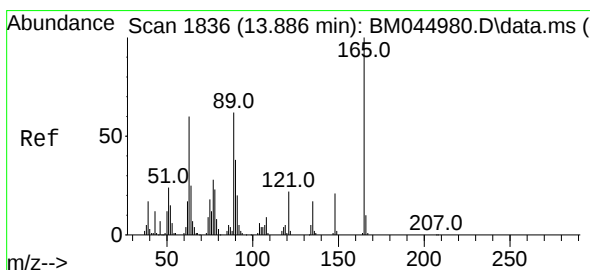
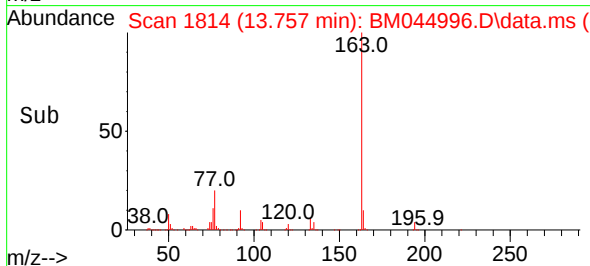
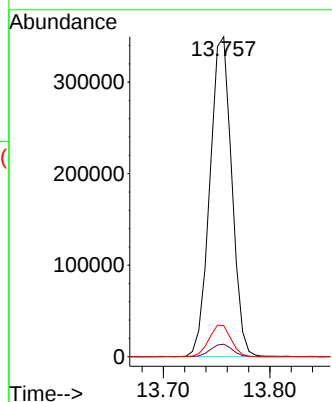
Tgt Ion:163 Resp: 498444

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

164 9.7 7.8 11.8



#48

2,6-Dinitrotoluene

Concen: 31.793 ng/ul

RT: 13.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

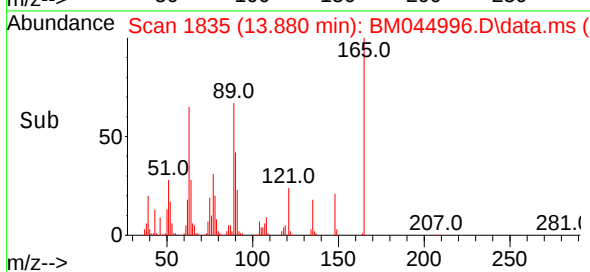
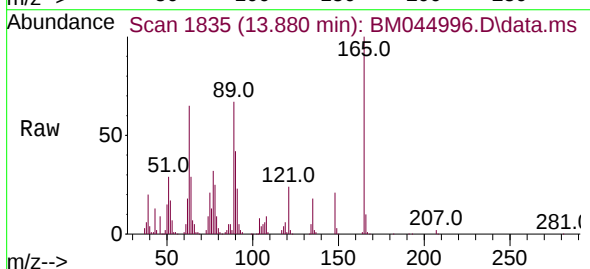
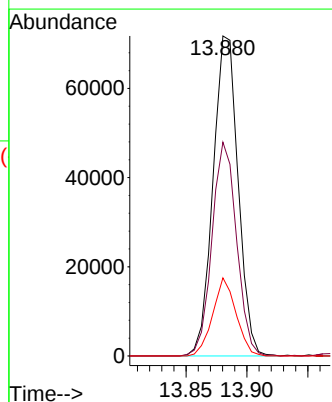
Tgt Ion:165 Resp: 102847

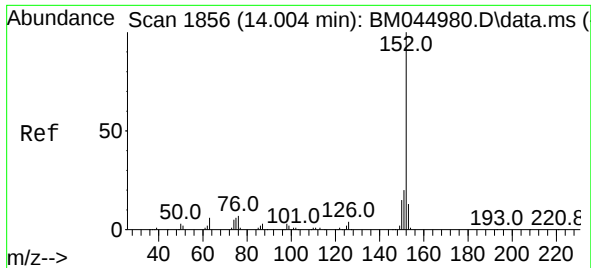
Ion Ratio Lower Upper

165 100

89 66.8 45.0 67.4

121 24.4 18.0 27.0

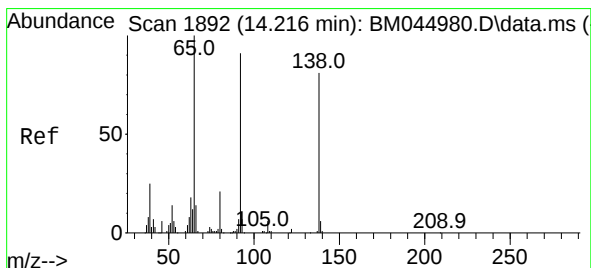
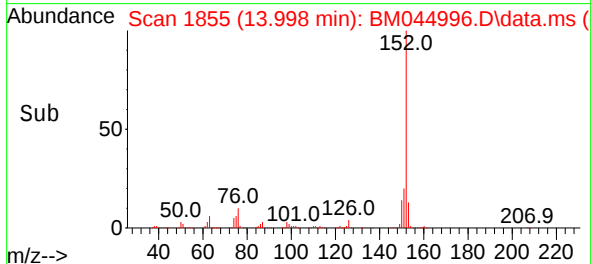
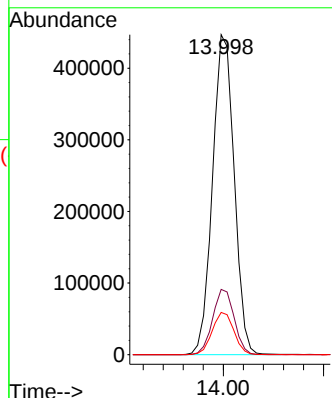
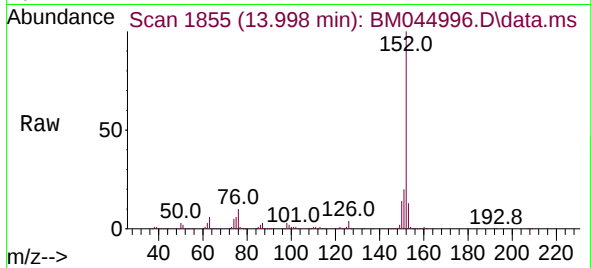




#50
Acenaphthylene
Concen: 30.799 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

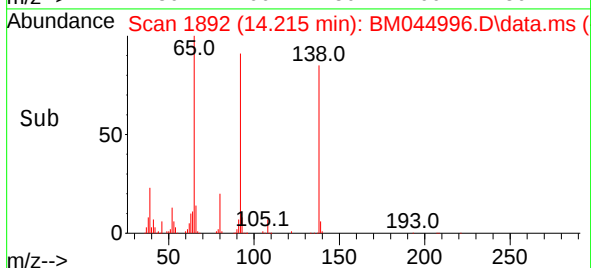
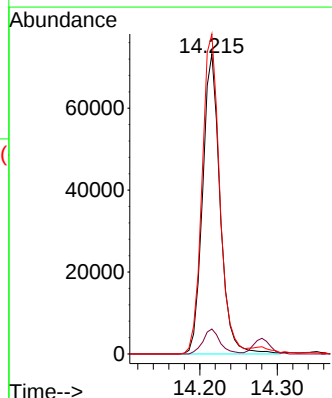
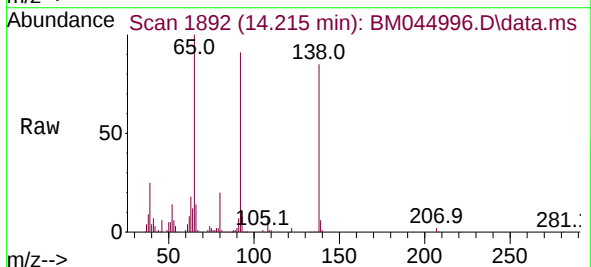
Instrument :
BNA_M
ClientSampleId :

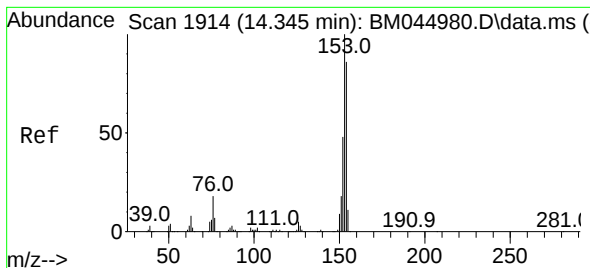
Tgt Ion:152 Resp: 670990
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.2 10.2 15.2



#51
3-Nitroaniline
Concen: 32.544 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:138 Resp: 114832
Ion Ratio Lower Upper
138 100
108 8.3 6.5 9.7
92 106.7 81.4 122.0





#52

Acenaphthene

Concen: 30.626 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.000 min

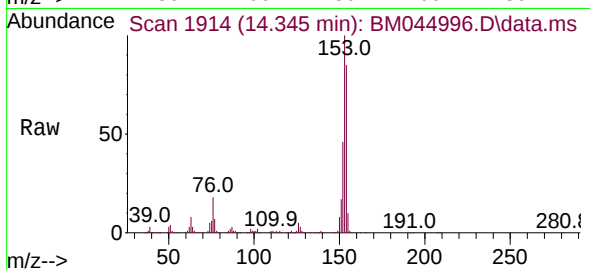
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



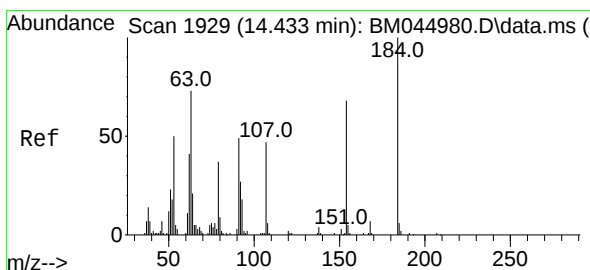
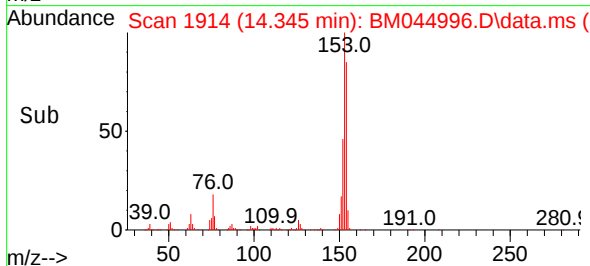
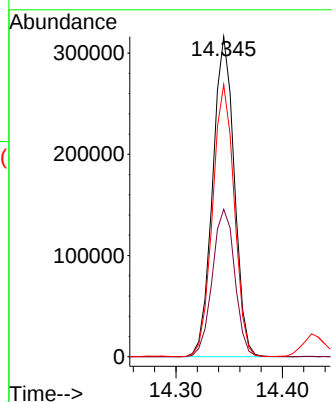
Tgt Ion:153 Resp: 445224

Ion Ratio Lower Upper

153 100

152 46.0 38.6 58.0

154 85.0 69.4 104.2



#53

2,4-Dinitrophenol

Concen: 26.443 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

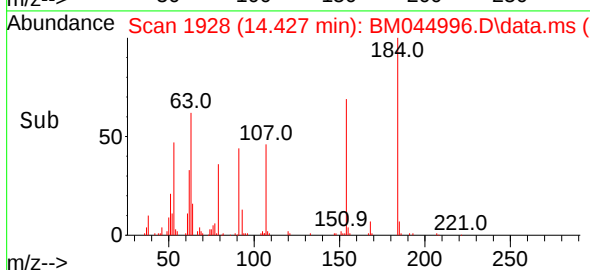
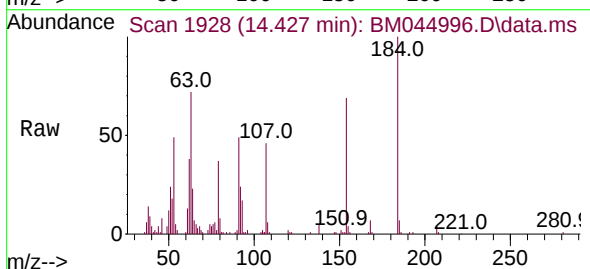
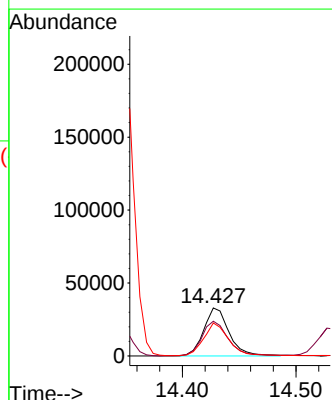
Tgt Ion:184 Resp: 50856

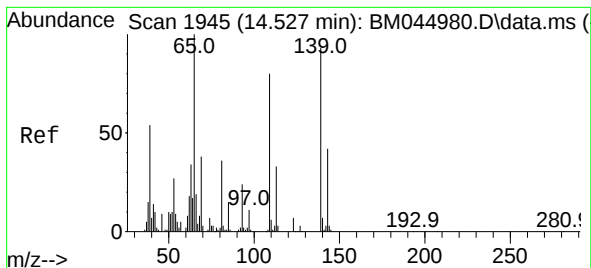
Ion Ratio Lower Upper

184 100

63 72.2 56.9 85.3

154 68.7 50.3 75.5

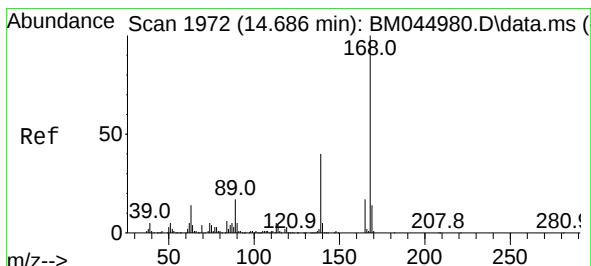
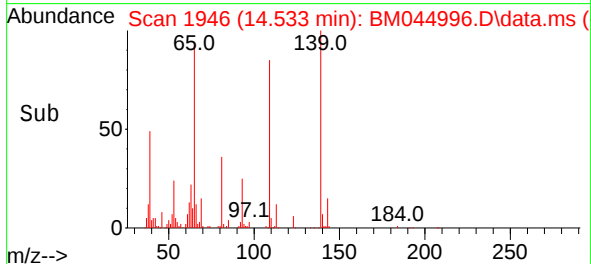
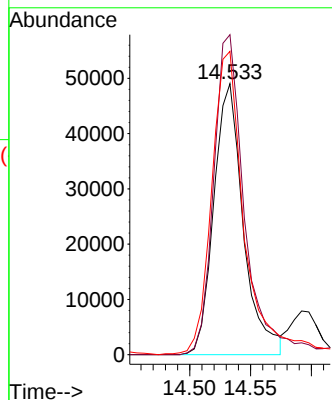
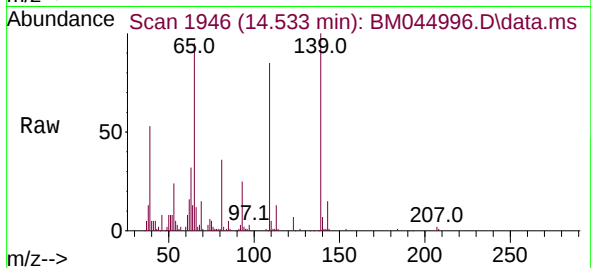




#55
4-Nitrophenol
Concen: 28.610 ng/ul
RT: 14.533 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

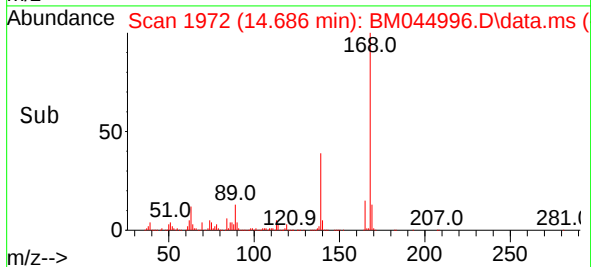
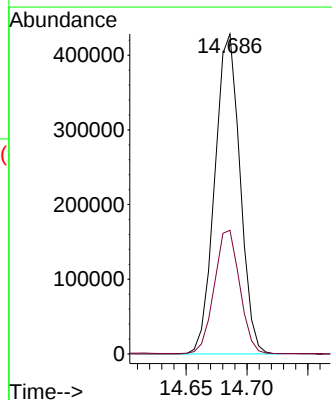
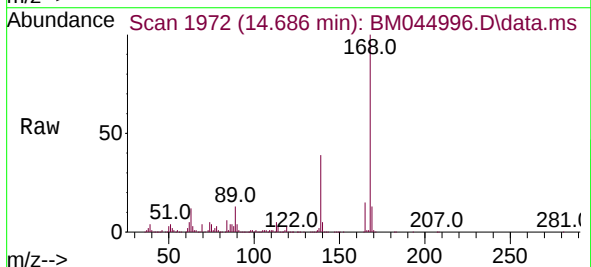
Instrument :
BNA_M
ClientSampleId :

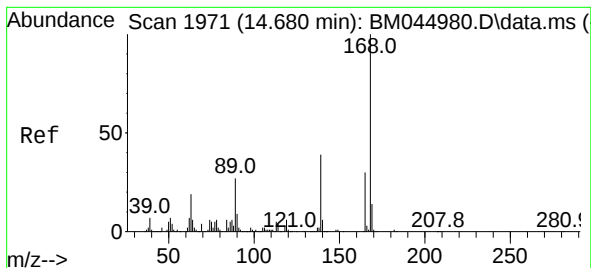
Tgt Ion:109 Resp: 82917
Ion Ratio Lower Upper
109 100
139 118.1 107.7 161.5
65 111.9 96.3 144.5



#56
Dibenzofuran
Concen: 31.087 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:168 Resp: 618423
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0





#57

2,4-Dinitrotoluene

Concen: 32.118 ng/ul

RT: 14.674 min Scan# 1

Delta R.T. -0.006 min

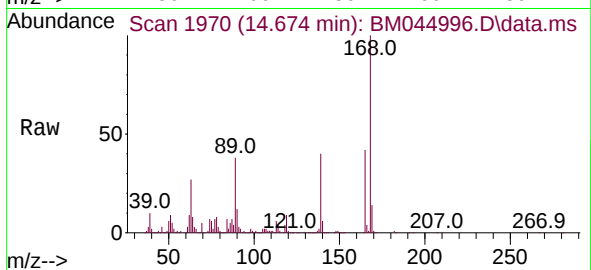
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



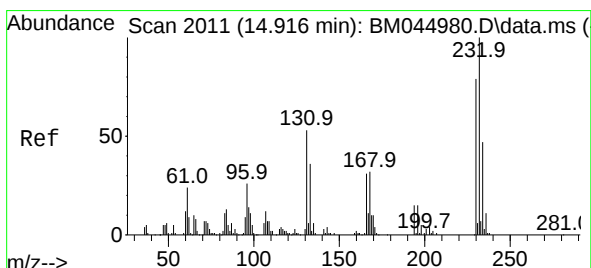
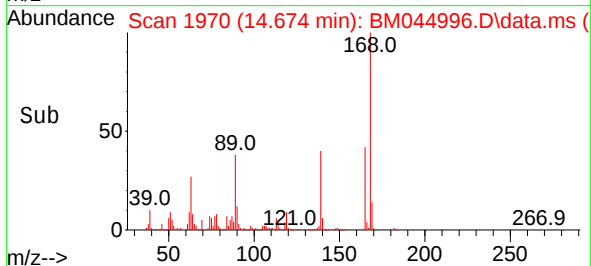
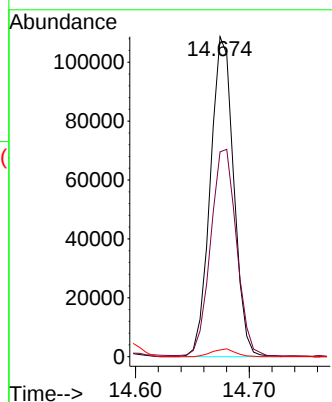
Tgt Ion:165 Resp: 155518

Ion Ratio Lower Upper

165 100

63 64.0 52.0 78.0

182 2.1 2.3 3.5#



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.079 ng/ul

RT: 14.915 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Tgt Ion:232 Resp: 126200

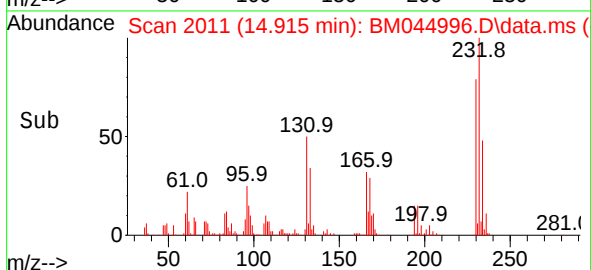
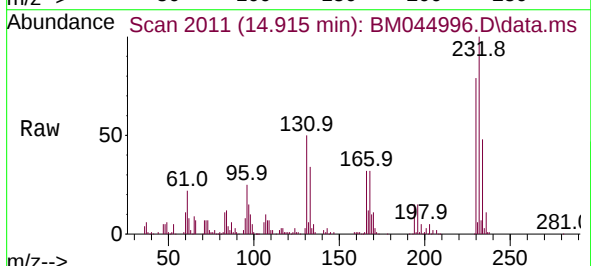
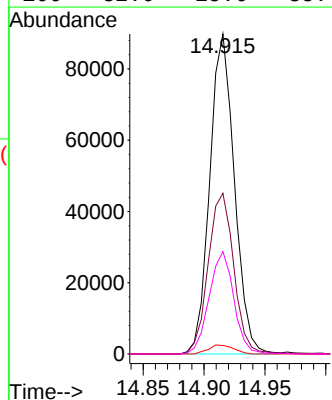
Ion Ratio Lower Upper

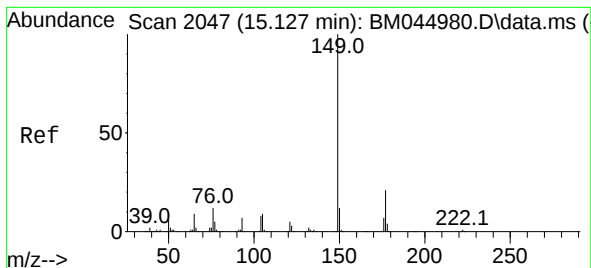
232 100

131 50.2 43.4 65.0

130 2.7 2.6 4.0

166 32.0 25.6 38.4





#59

Diethylphthalate

Concen: 30.646 ng/ul

RT: 15.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

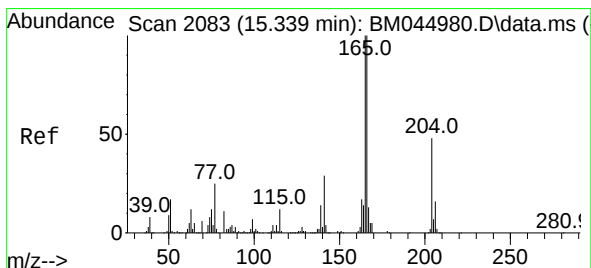
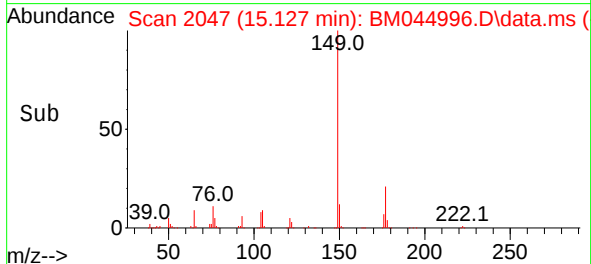
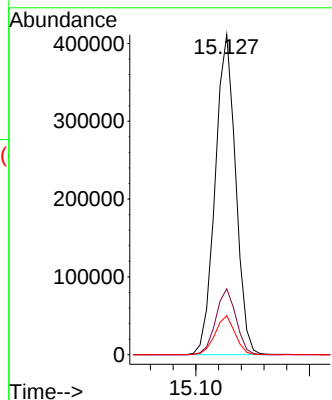
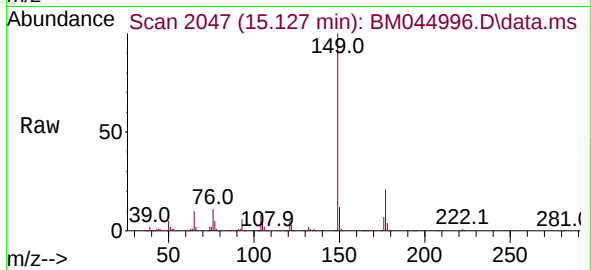
Tgt Ion:149 Resp: 515995

Ion Ratio Lower Upper

149 100

177 20.6 16.4 24.6

150 12.2 10.3 15.5



#61

Fluorene

Concen: 30.631 ng/ul

RT: 15.339 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

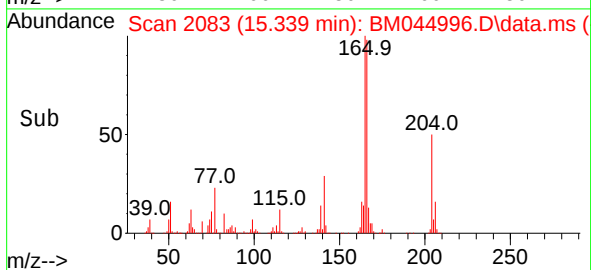
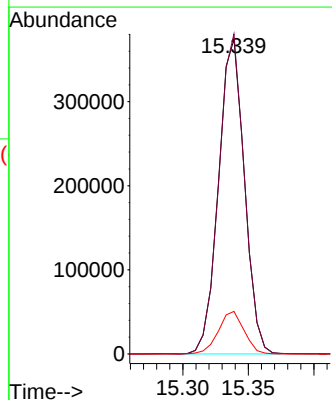
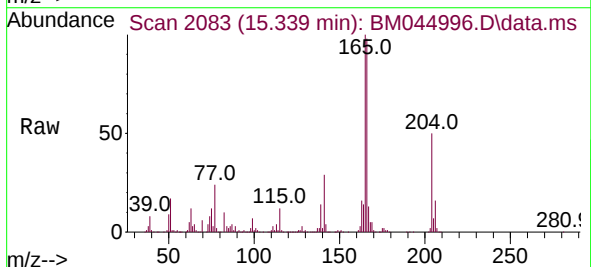
Tgt Ion:166 Resp: 513579

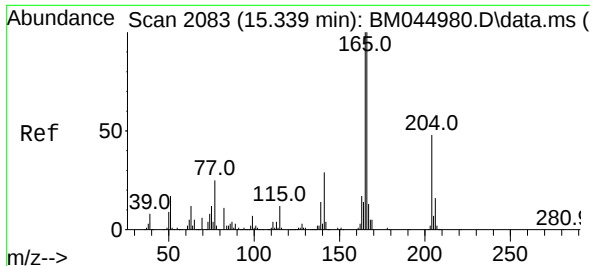
Ion Ratio Lower Upper

166 100

165 101.7 80.5 120.7

167 13.5 11.0 16.6

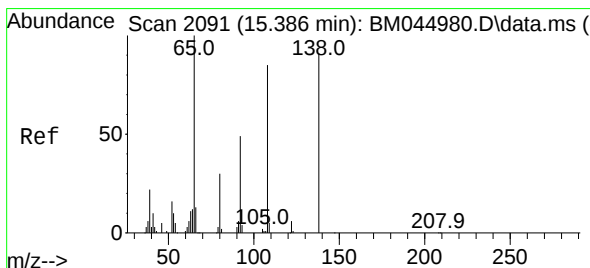
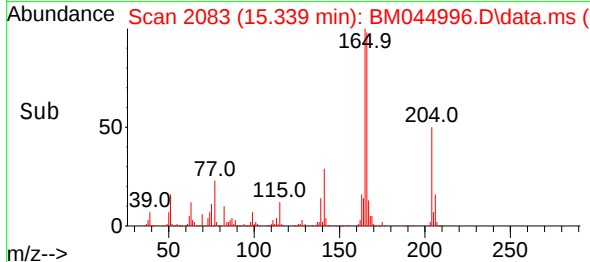
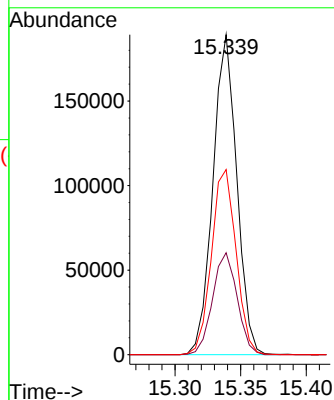
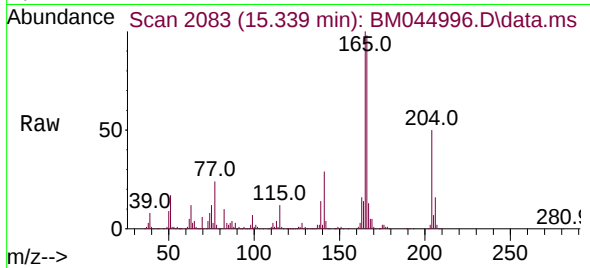




#62
4-Chlorophenyl-phenylether
Concen: 30.434 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

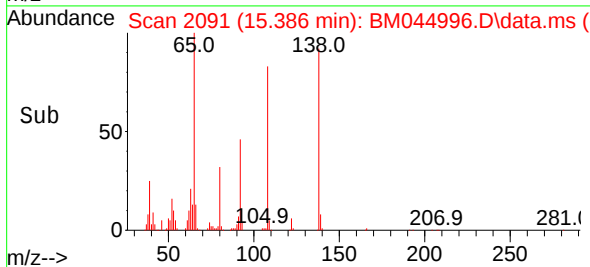
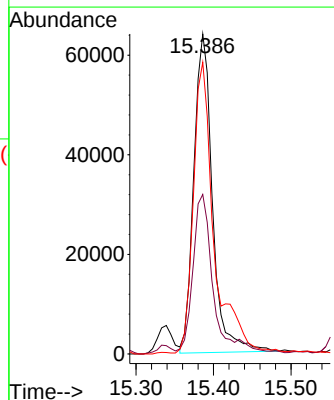
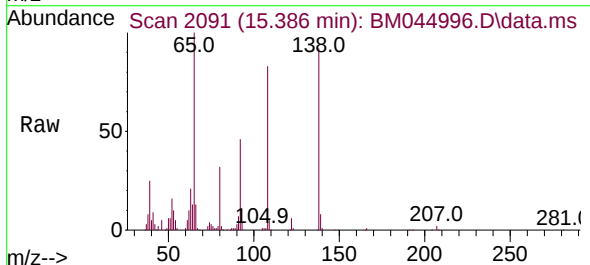
Instrument :
BNA_M
ClientSampleId :

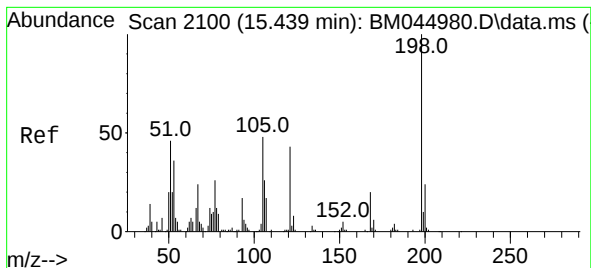
Tgt Ion:204 Resp: 239182
Ion Ratio Lower Upper
204 100
206 31.9 24.9 37.3
141 57.9 46.2 69.2



#63
4-Nitroaniline
Concen: 33.420 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

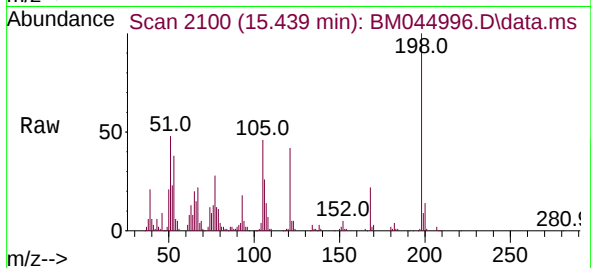
Tgt Ion:138 Resp: 107212
Ion Ratio Lower Upper
138 100
92 49.8 39.8 59.6
108 91.2 66.4 99.6



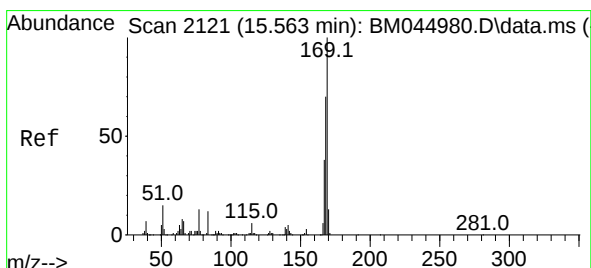
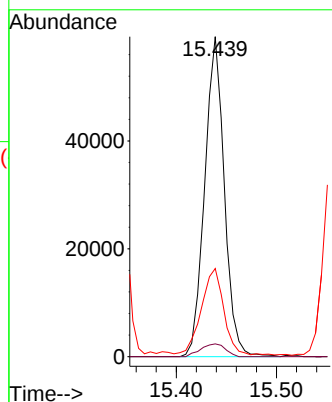
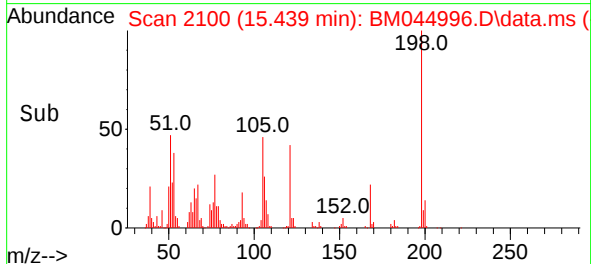


#66
4,6-Dinitro-2-methylphenol
Concen: 26.938 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

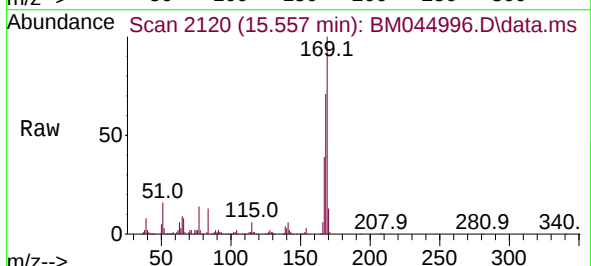
Instrument :
BNA_M
ClientSampleId :



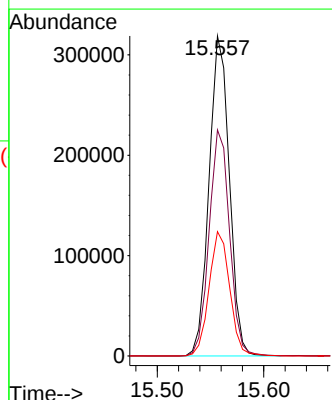
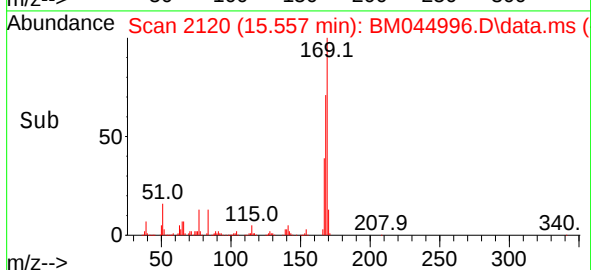
Tgt Ion:198 Resp: 80860
Ion Ratio Lower Upper
198 100
182 4.0 3.8 5.6
77 27.6 24.6 37.0

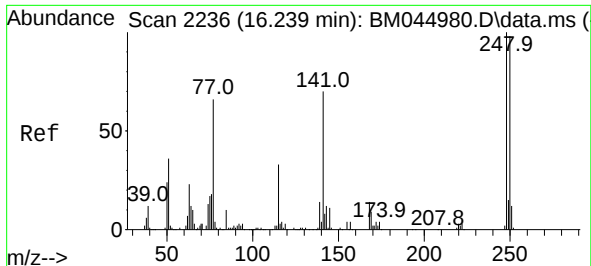


#67
N-Nitrosodiphenylamine
Concen: 33.057 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01



Tgt Ion:169 Resp: 421555
Ion Ratio Lower Upper
169 100
168 70.6 56.7 85.1
167 38.9 31.2 46.8





#68

4-Bromophenyl-phenylether

Concen: 32.507 ng/ul

RT: 16.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

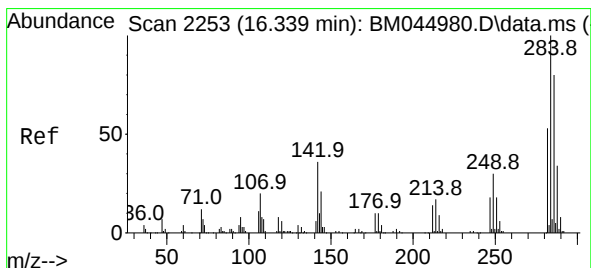
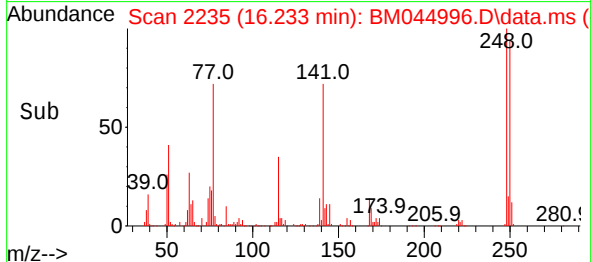
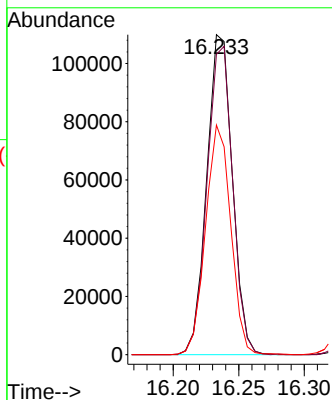
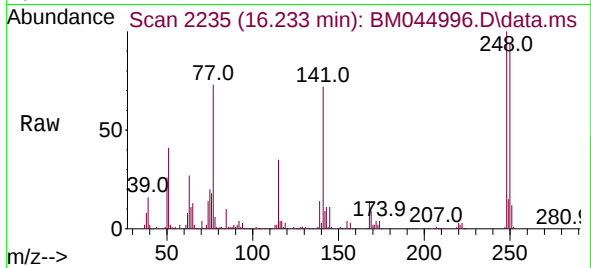
Tgt Ion:248 Resp: 149664

Ion Ratio Lower Upper

248 100

250 93.8 81.0 121.6

141 71.7 55.1 82.7



#69

Hexachlorobenzene

Concen: 31.467 ng/ul

RT: 16.333 min Scan# 2252

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

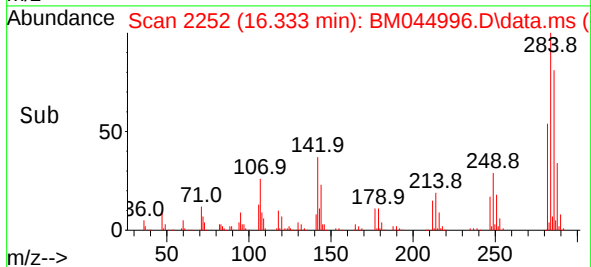
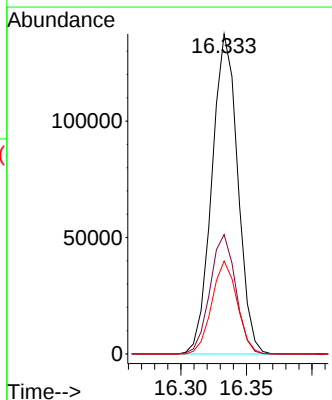
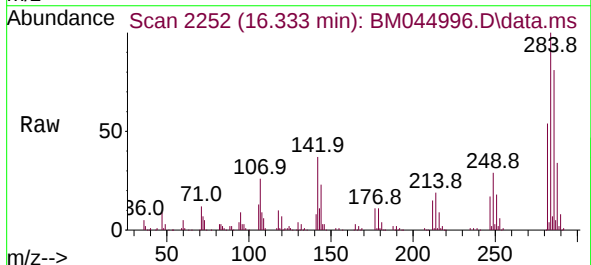
Tgt Ion:284 Resp: 188452

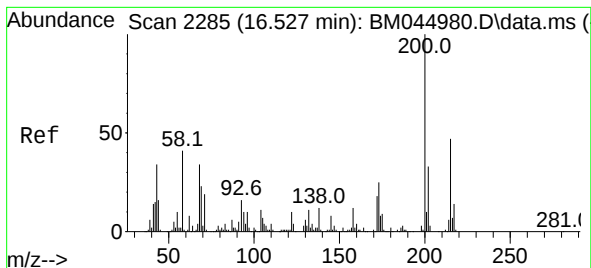
Ion Ratio Lower Upper

284 100

142 37.3 27.3 40.9

249 29.1 23.6 35.4





#70

Atrazine

Concen: 31.726 ng/ul

RT: 16.527 min Scan# 2285

Delta R.T. -0.000 min

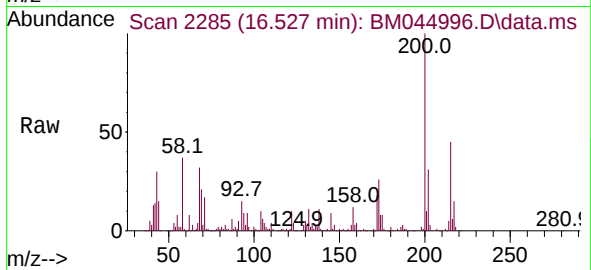
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



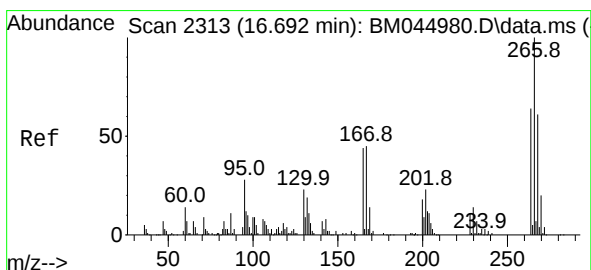
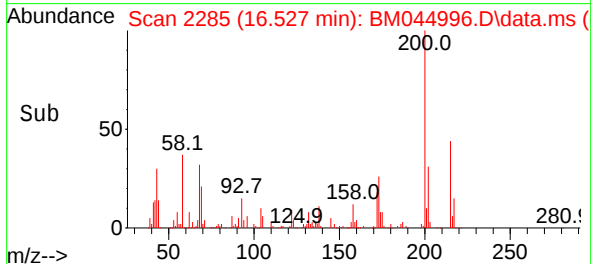
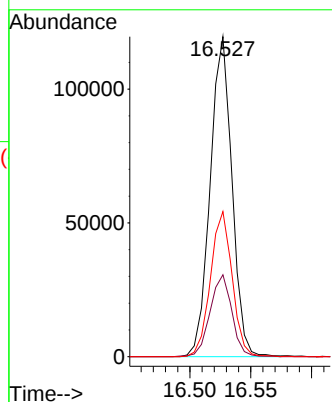
Tgt Ion:200 Resp: 148821

Ion Ratio Lower Upper

200 100

173 25.6 20.3 30.5

215 45.3 37.9 56.9



#71

Pentachlorophenol

Concen: 31.215 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

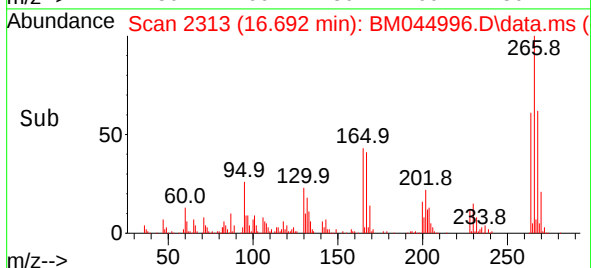
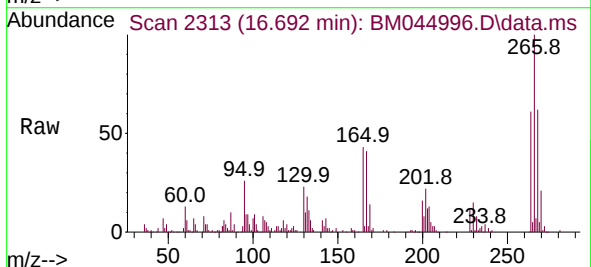
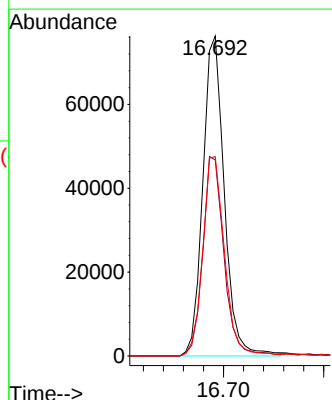
Tgt Ion:266 Resp: 113560

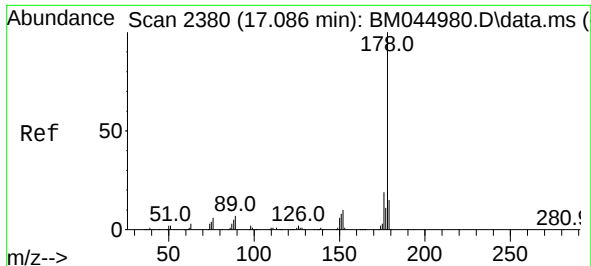
Ion Ratio Lower Upper

266 100

264 61.3 49.3 73.9

268 62.3 53.3 79.9

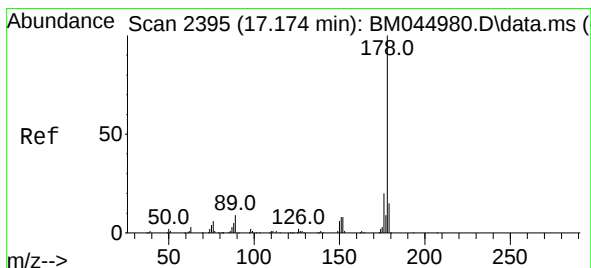
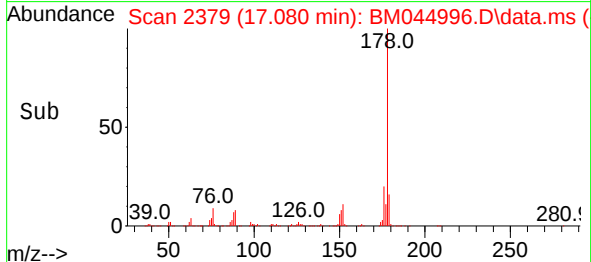
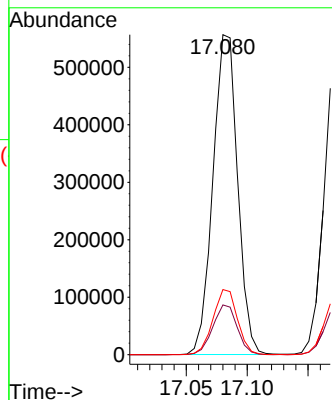
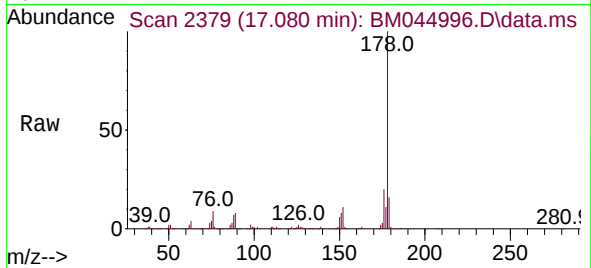




#72
Phenanthrene
Concen: 30.823 ng/ul
RT: 17.080 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

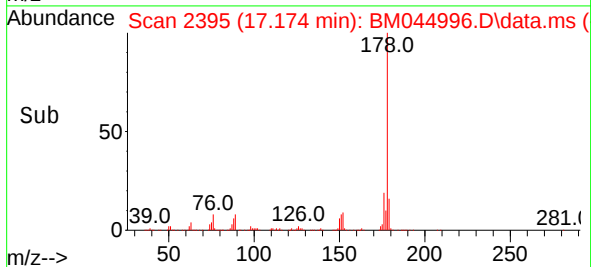
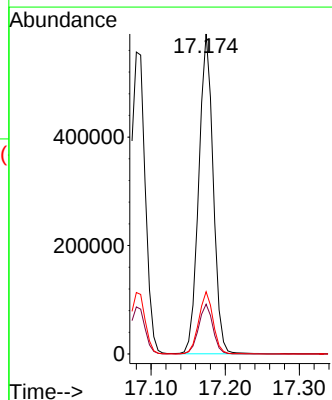
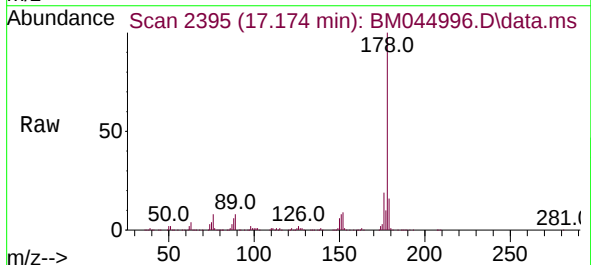
Instrument :
BNA_M
ClientSampleId :

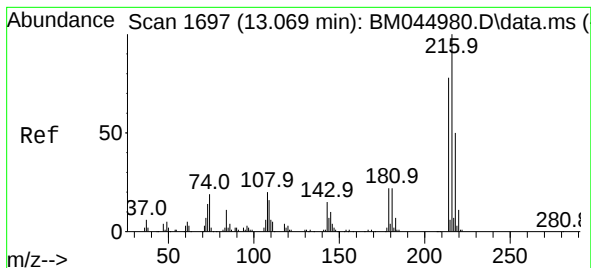
Tgt Ion:178 Resp: 784121
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 20.4 15.4 23.2



#74
Anthracene
Concen: 30.549 ng/ul
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:178 Resp: 794946
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.5 15.8 23.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.342 ng/uL

RT: 13.063 min Scan# 1

Delta R.T. -0.006 min

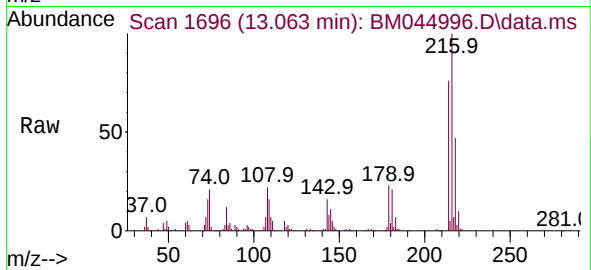
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



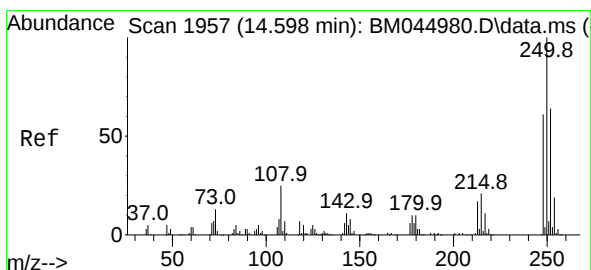
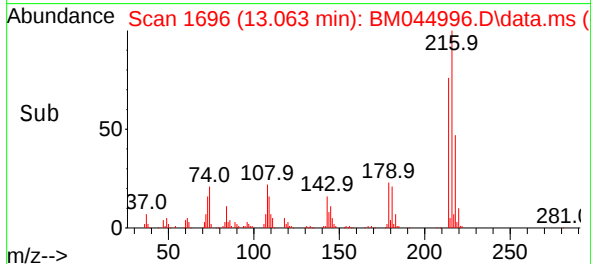
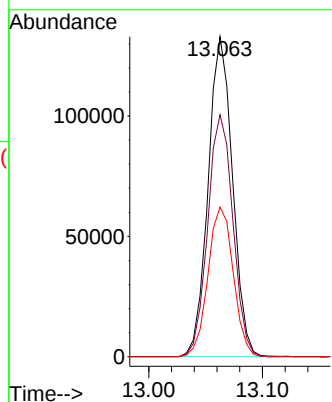
Tgt Ion:216 Resp: 198656

Ion Ratio Lower Upper

216 100

214 75.6 64.1 96.1

218 46.8 38.6 58.0



#76

Pentachlorobenzene

Concen: 32.367 ng/uL

RT: 14.598 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

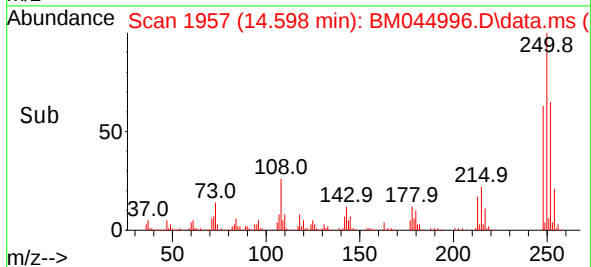
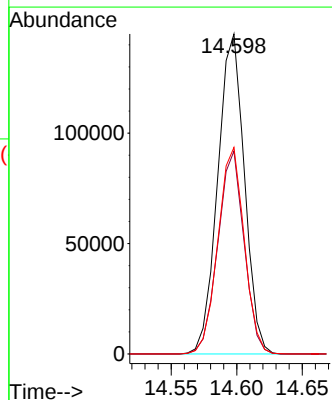
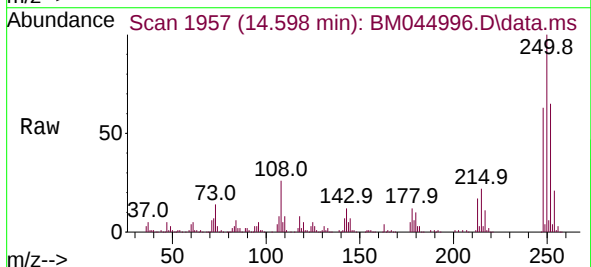
Tgt Ion:250 Resp: 205187

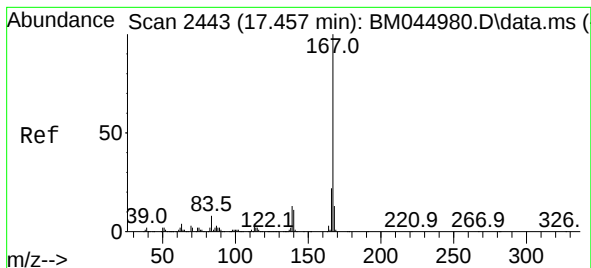
Ion Ratio Lower Upper

250 100

248 63.4 49.8 74.6

252 64.5 49.4 74.2





#77

Carbazole

Concen: 29.870 ng/ul

RT: 17.456 min Scan# 2443

Delta R.T. -0.000 min

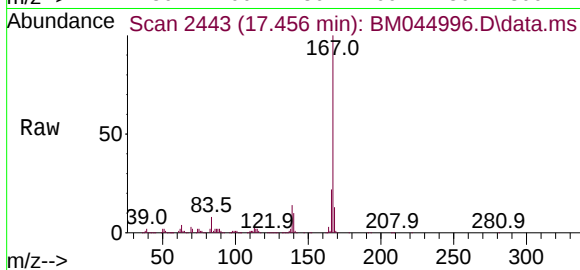
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



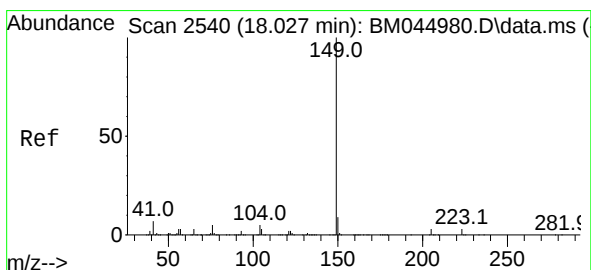
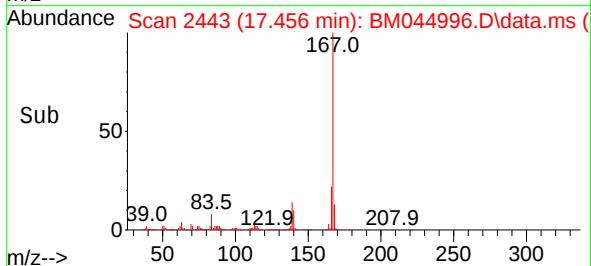
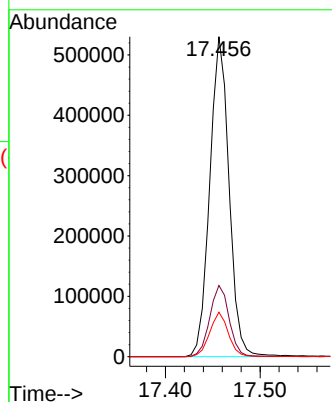
Tgt Ion:167 Resp: 749483

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 13.9 10.7 16.1



#78

Di-n-butylphthalate

Concen: 33.526 ng/ul

RT: 18.027 min Scan# 2540

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

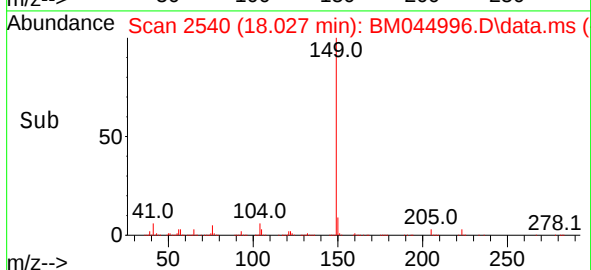
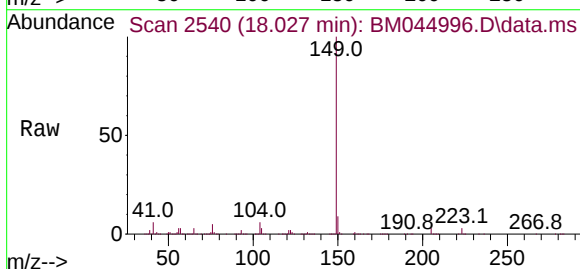
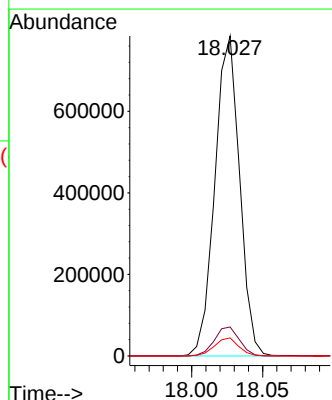
Tgt Ion:149 Resp: 948698

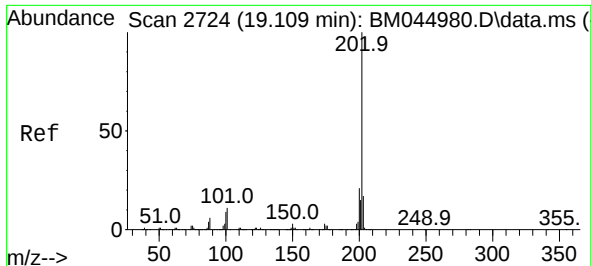
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.6 4.3 6.5

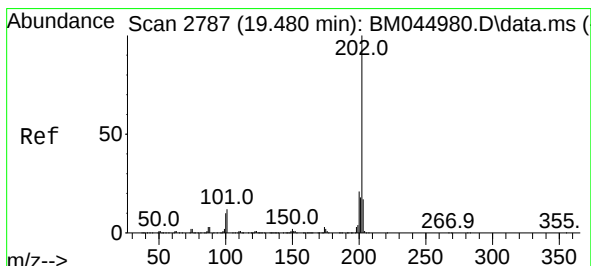
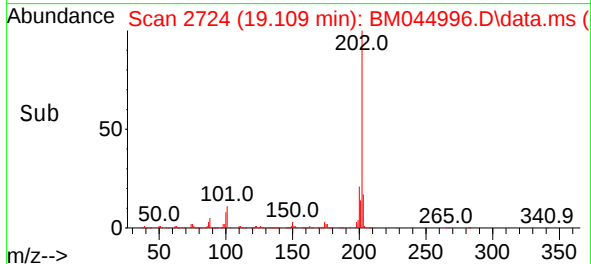
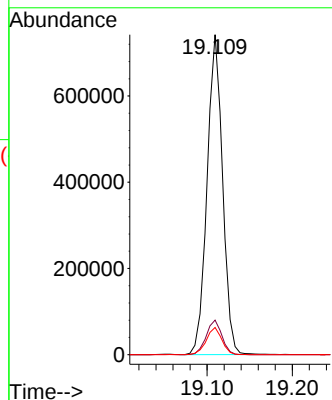
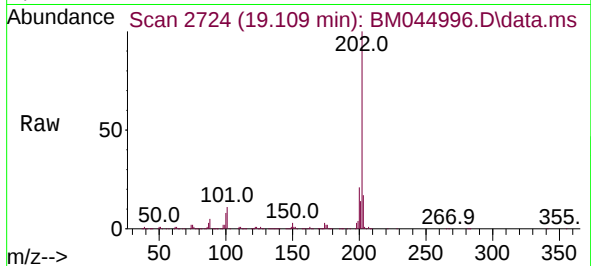




#80
Fluoranthene
Concen: 34.484 ng/ul
RT: 19.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

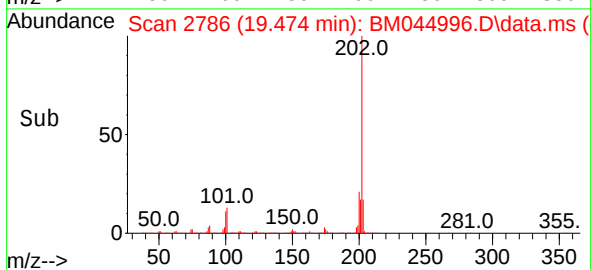
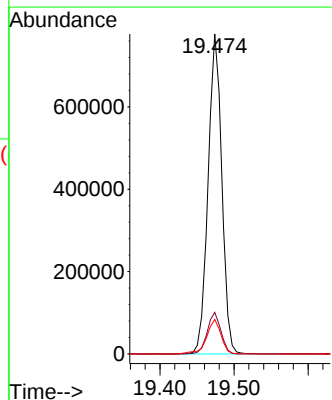
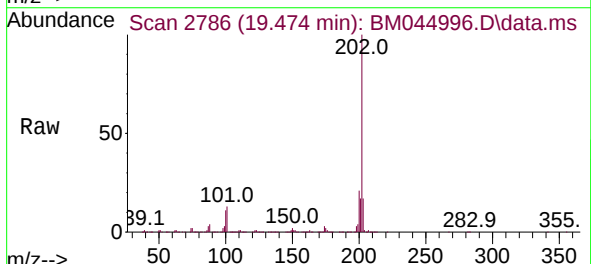
Instrument :
BNA_M
ClientSampleId :

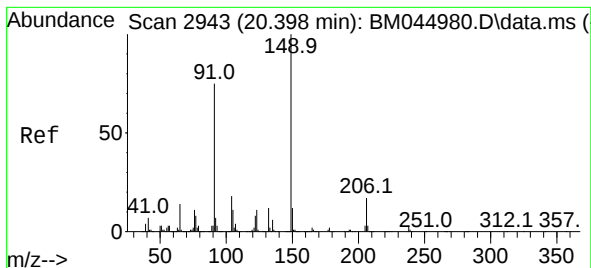
Tgt Ion:202 Resp: 937747
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.5 6.3 9.5



#82
Pyrene
Concen: 34.054 ng/ul
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:202 Resp: 999323
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.4
100 10.8 8.5 12.7





#83

Butylbenzylphthalate

Concen: 36.270 ng/ul

RT: 20.397 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

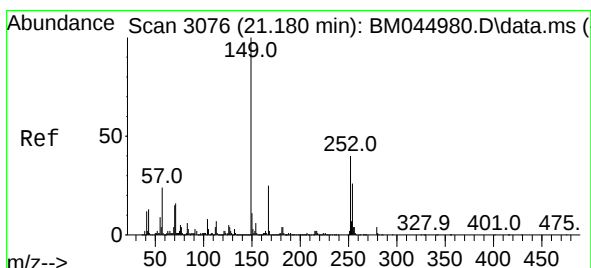
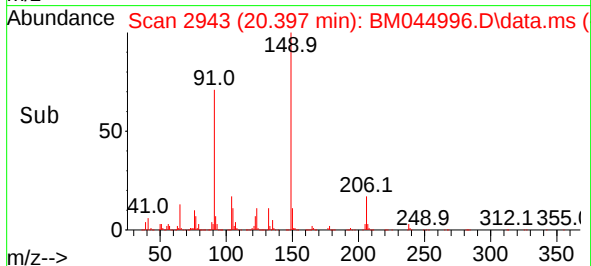
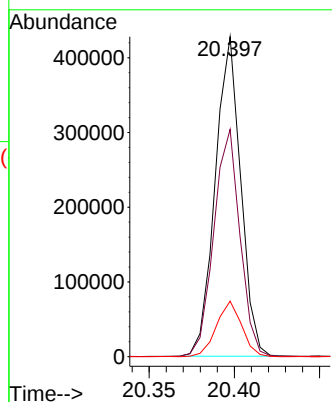
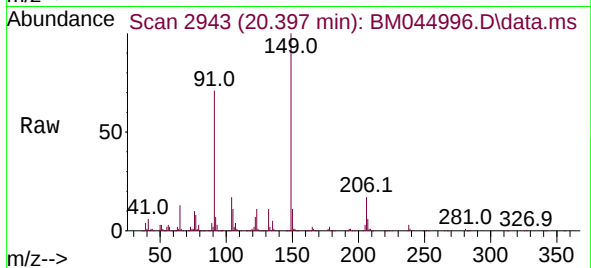
Tgt Ion:149 Resp: 445933

Ion Ratio Lower Upper

149 100

91 71.1 56.2 84.4

206 17.4 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 31.076 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

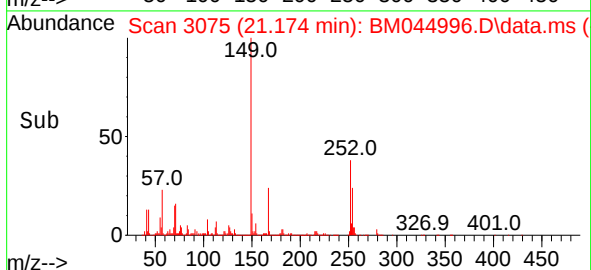
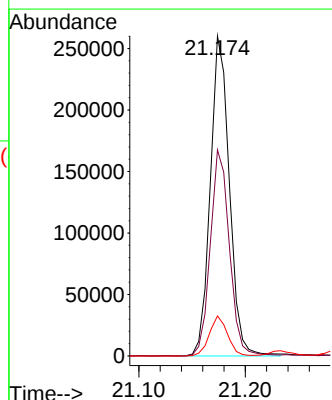
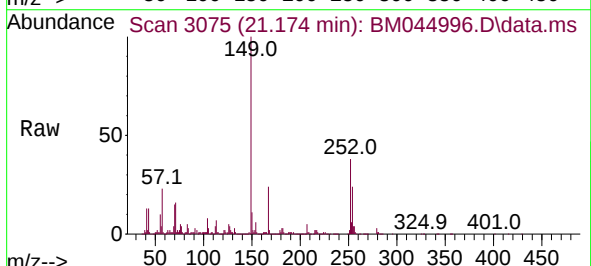
Tgt Ion:252 Resp: 323546

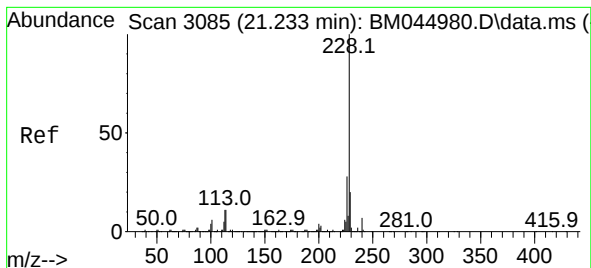
Ion Ratio Lower Upper

252 100

254 64.4 53.9 80.9

126 12.5 9.0 13.4





#85

Benzo(a)anthracene

Concen: 31.490 ng/ul

RT: 21.233 min Scan# 3085

Delta R.T. -0.000 min

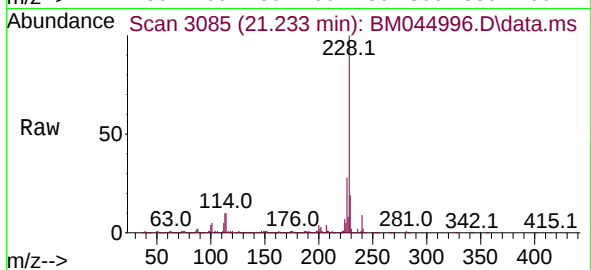
Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :



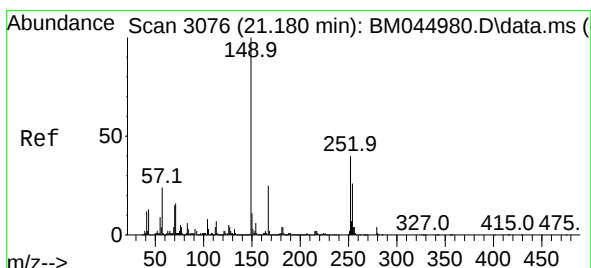
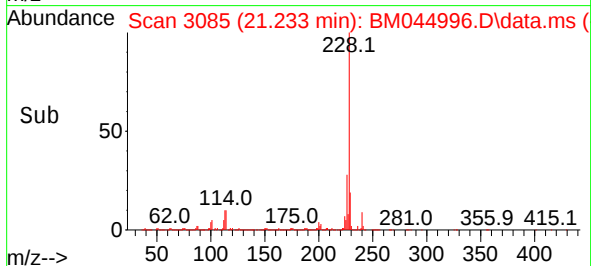
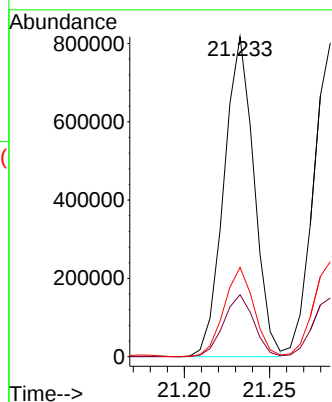
Tgt Ion:228 Resp: 1000468

Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 27.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.302 ng/ul

RT: 21.174 min Scan# 3075

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

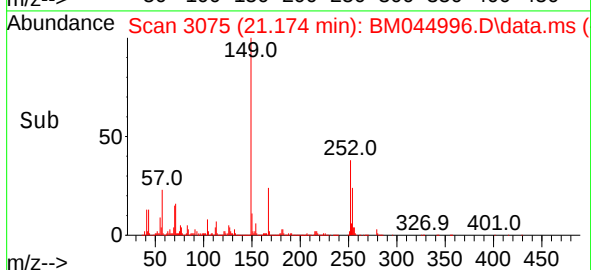
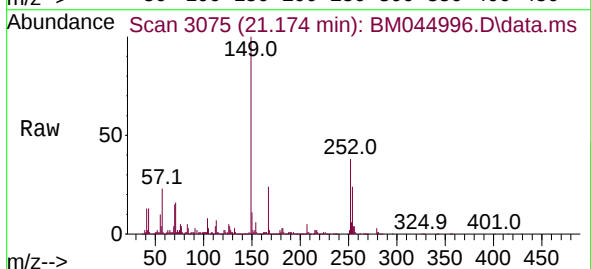
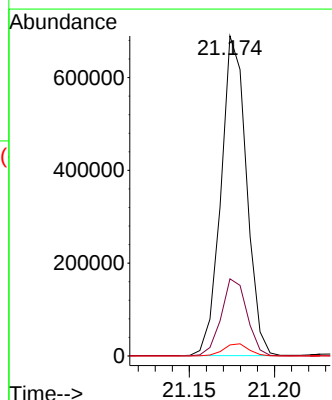
Tgt Ion:149 Resp: 716895

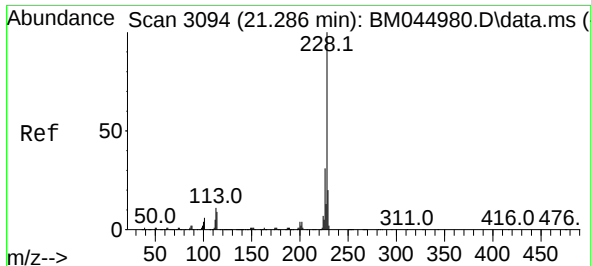
Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

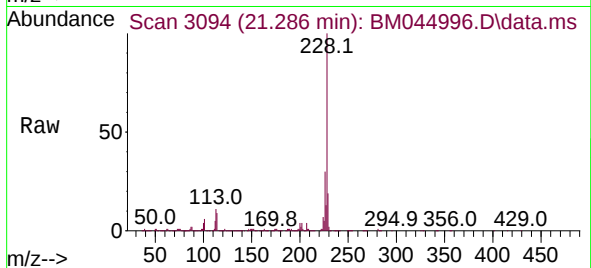
279 3.4 3.3 4.9



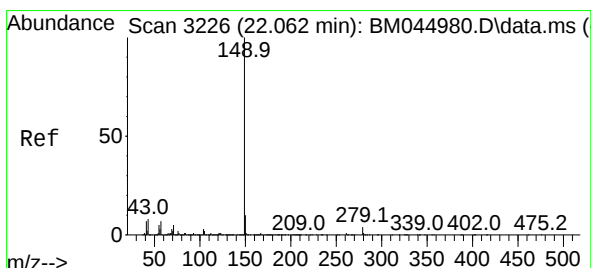
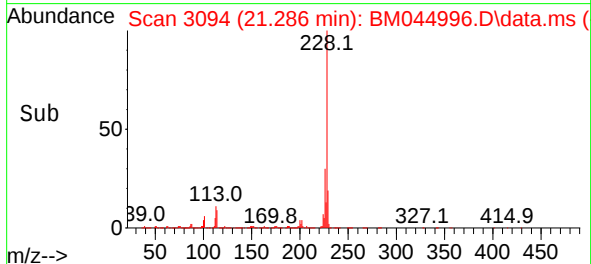
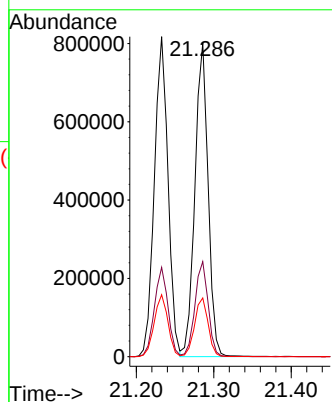


#87
Chrysene
Concen: 31.930 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Instrument :
BNA_M
ClientSampleId :

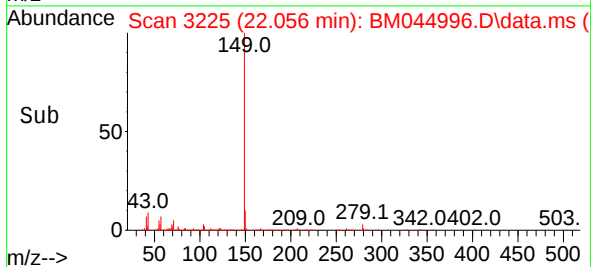
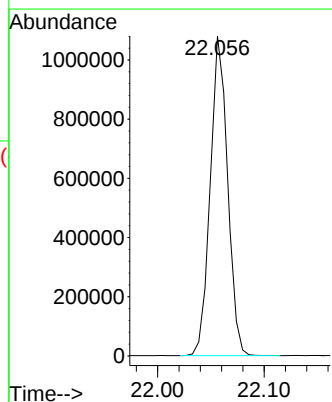
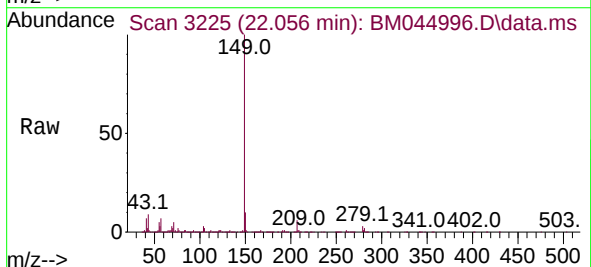


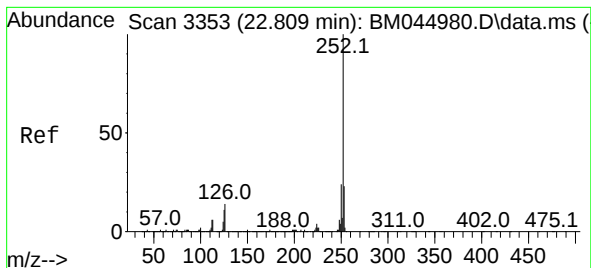
Tgt Ion:228 Resp: 945686
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 18.7 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 35.654 ng/ul
RT: 22.056 min Scan# 3225
Delta R.T. -0.006 min
Lab File: BM044996.D
Acq: 07 Apr 2024 07:01

Tgt Ion:149 Resp: 1221830





#90

Benzo(b)fluoranthene

Concen: 33.812 ng/ul

RT: 22.803 min Scan# 3352

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

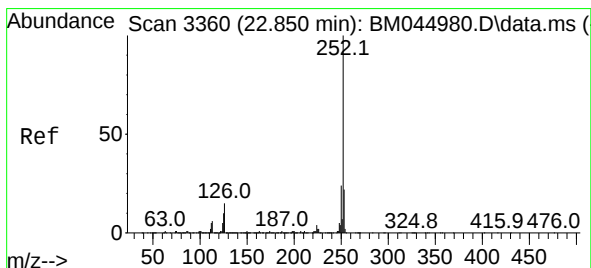
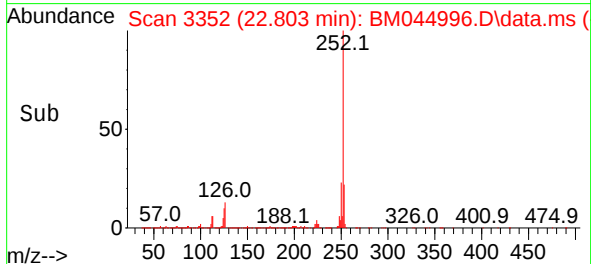
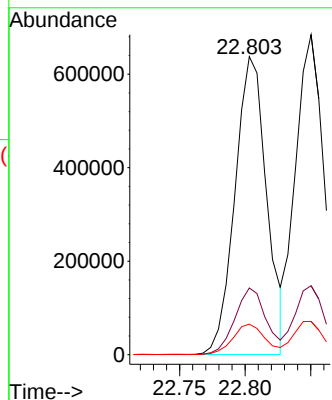
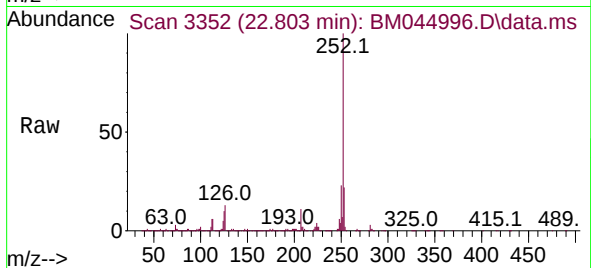
Tgt Ion:252 Resp: 1073363

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 10.3 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 32.466 ng/ul

RT: 22.850 min Scan# 3360

Delta R.T. -0.000 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

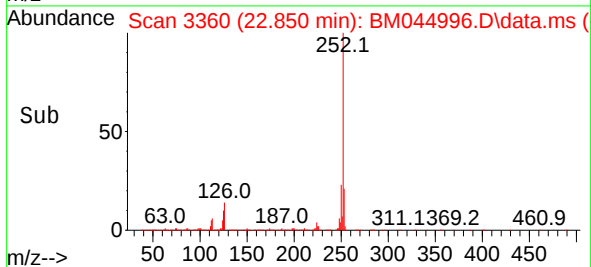
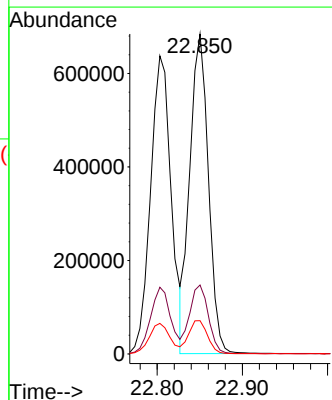
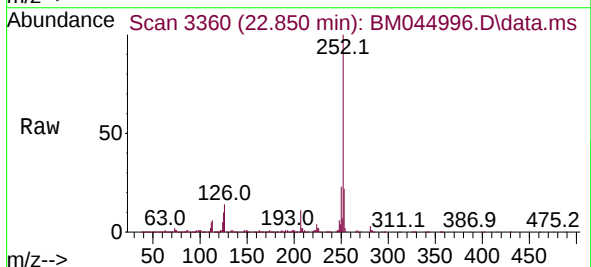
Tgt Ion:252 Resp: 1037369

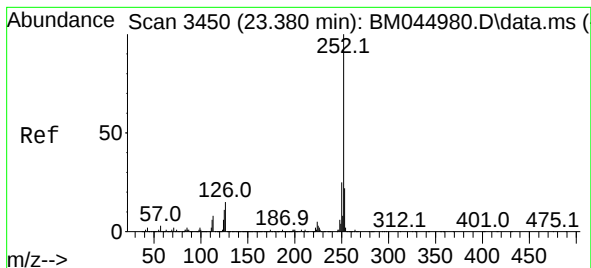
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.4 8.5 12.7





#93

Benzo(a)pyrene

Concen: 28.768 ng/ul

RT: 23.374 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

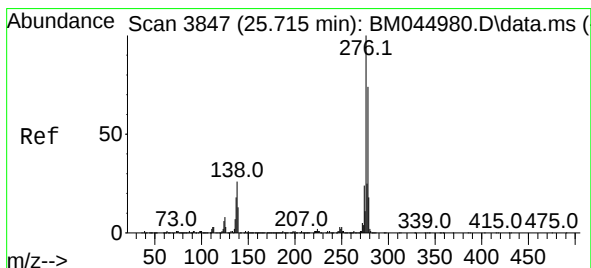
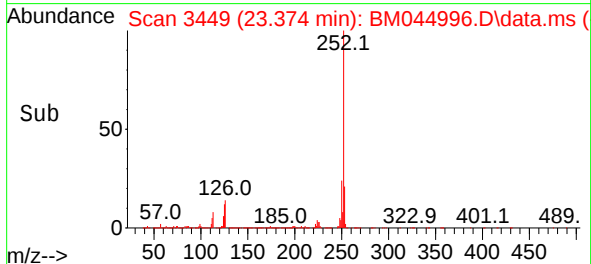
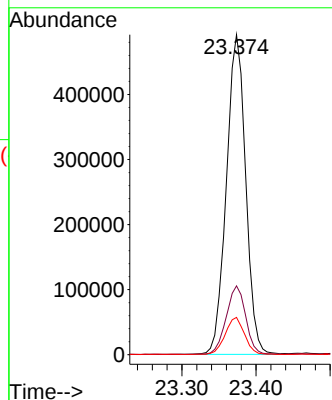
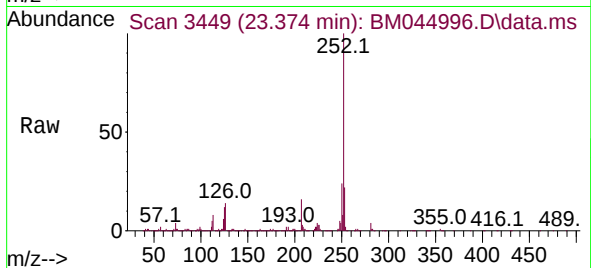
Tgt Ion:252 Resp: 888821

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.6 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.351 ng/ul

RT: 25.709 min Scan# 3846

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

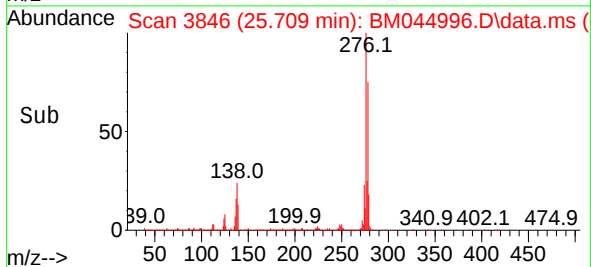
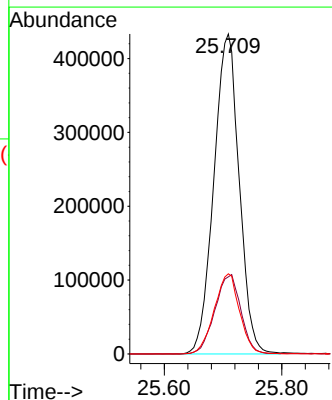
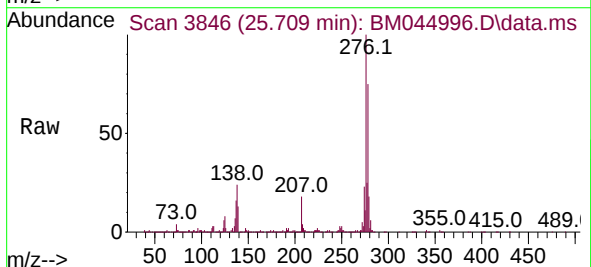
Tgt Ion:276 Resp: 1294712

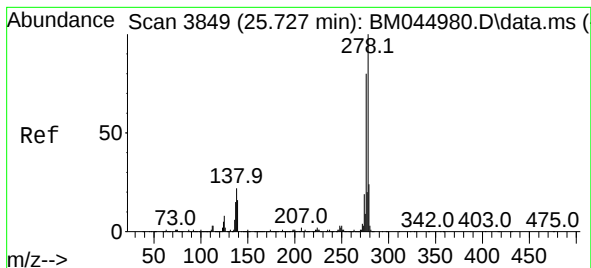
Ion Ratio Lower Upper

276 100

138 24.1 19.0 28.6

277 25.1 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 31.905 ng/ul

RT: 25.721 min Scan# 3849

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Instrument :

BNA_M

ClientSampleId :

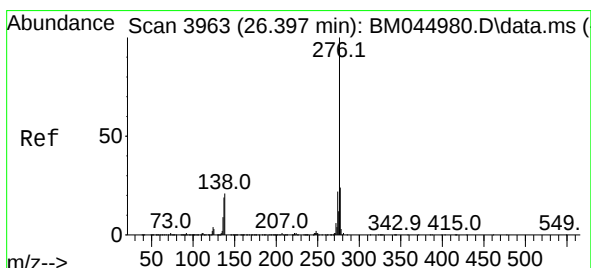
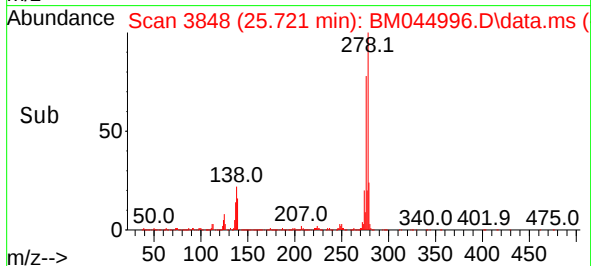
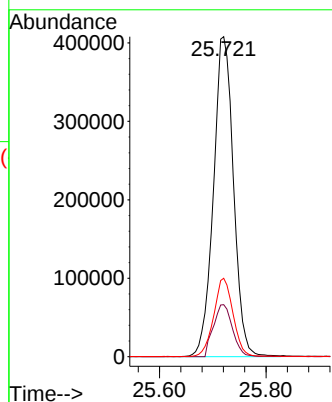
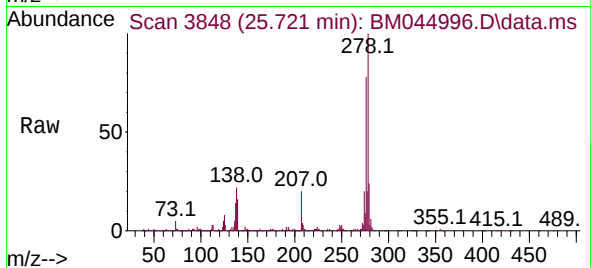
Tgt Ion:278 Resp: 1067543

Ion Ratio Lower Upper

278 100

139 16.2 11.9 17.9

279 24.5 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 30.938 ng/ul

RT: 26.391 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BM044996.D

Acq: 07 Apr 2024 07:01

Tgt Ion:276 Resp: 976784

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.6

277 23.5 18.7 28.1

