

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036379.D
 Acq On : 22 Aug 2022 23:34
 Operator : CG/JU
 Sample : PB147176BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 01:08:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	217061	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	934001	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	570897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1149909	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1114426	20.000	ng/u1	0.00
88) Perylene-d12	23.685	264	1085598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	35306	6.199	ng/uL	0.00
4) Pyridine-d5	3.628	84	476049	30.309	ng/u1	0.00
7) Phenol-d5	6.969	99	623875	33.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	408624	35.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	492069	33.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	473995	34.263	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	242901	34.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	244679	34.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	452319	35.242	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	669161	33.631	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1283483	35.536	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1579874	35.071	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	249941	36.522	ng/u1	0.00
60) Fluorene-d10	15.427	176	1176004	36.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	194553	32.909	ng/u1	0.00
73) Anthracene-d10	17.280	188	1827994	35.751	ng/u1	0.00
81) Pyrene-d10	19.574	212	2015623	34.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	1925159	36.169	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	78912	13.154	ng/uL	98
5) Pyridine	3.652	79	484348	29.852	ng/u1	92
6) Benzaldehyde	6.940	77	245212	32.220	ng/u1	92
8) Phenol	6.998	94	660386	34.282	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	526496	34.171	ng/u1	99
12) 2-Chlorophenol	7.357	128	517368	33.986	ng/u1	97
13) 2-Methylphenol	8.251	108	486821	34.284	ng/u1	95
16) Acetophenone	8.628	105	781033	35.102	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.610	70	405097	36.579	ng/u1	97
18) 4-Methylphenol	8.581	108	529419	34.830	ng/u1	98
19) Hexachloroethane	8.863	117	217823	34.202	ng/u1	86
22) Nitrobenzene	9.004	77	597864	35.632	ng/u1	97
23) Isophorone	9.533	82	1104807	37.078	ng/u1	96
25) 2-Nitrophenol	9.716	139	277754	34.708	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	566491	35.396	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	697314	35.947	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	461387	35.137	ng/u1	99
30) Naphthalene	10.639	128	1679758	34.266	ng/u1	99
32) 4-Chloroaniline	10.769	127	456973	22.580	ng/u1	99
33) Hexachlorobutadiene	10.916	225	269296	32.644	ng/u1	99
34) Caprolactam	11.563	113	82720	21.025	ng/u1	98
35) 4-Chloro-3-methylphenol	11.898	107	503783	37.944	ng/u1	100
36) 2-Methylnaphthalene	12.257	142	1118531	36.367	ng/u1	99
37) 1-Methylnaphthalene	12.474	142	1114884	35.993	ng/u1#	99

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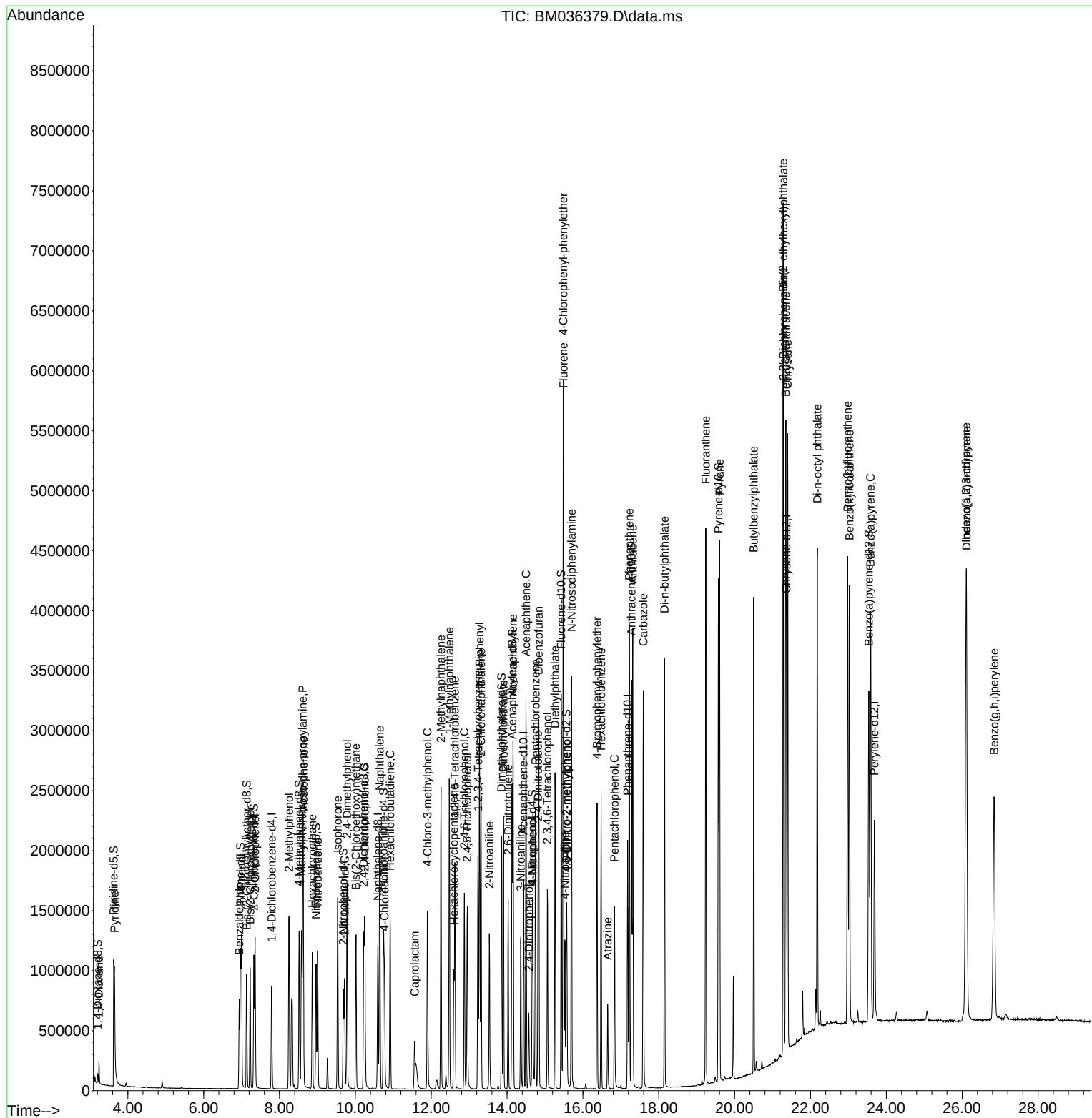
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.621	216	516414	32.727	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	229306	24.495	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	329706	33.205	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	355724	33.775	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1464058	34.098	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1110099	33.692	ng/ul	99
45) 2-Nitroaniline	13.533	65	343216	38.468	ng/ul	94
47) Dimethylphthalate	13.904	163	1333013	35.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	265995	37.920	ng/ul#	87
50) Acenaphthylene	14.157	152	1889331	35.566	ng/ul	100
51) 3-Nitroaniline	14.363	138	305395	39.811	ng/ul	98
52) Acenaphthene	14.498	153	1225200	35.385	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	129385	33.846	ng/ul	94
55) 4-Nitrophenol	14.680	109	199758	36.943	ng/ul	83
56) Dibenzofuran	14.833	168	1705315	35.495	ng/ul	96
57) 2,4-Dinitrotoluene	14.815	165	389046	39.108	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.063	232	284112	35.528	ng/ul#	87
59) Diethylphthalate	15.262	149	1399811	38.196	ng/ul	99
61) Fluorene	15.486	166	1405135	36.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	648064	36.407	ng/ul	100
63) 4-Nitroaniline	15.527	138	314769	43.987	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.574	198	200002	33.461	ng/ul#	89
67) N-Nitrosodiphenylamine	15.698	169	1162473	35.361	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	367980	34.560	ng/ul	96
69) Hexachlorobenzene	16.480	284	439916	34.093	ng/ul	94
70) Atrazine	16.651	200	110426	9.831	ng/ul	98
71) Pentachlorophenol	16.833	266	237954	33.450	ng/ul	99
72) Phenanthrene	17.221	178	2154154	35.634	ng/ul	98
74) Anthracene	17.315	178	2197950	36.267	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	510073	29.563	ng/uL	97
76) Pentachlorobenzene	14.751	250	509494	31.625	ng/uL	100
77) Carbazole	17.592	167	2036316	35.886	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2408773	38.811	ng/ul	99
80) Fluoranthene	19.239	202	2470030	35.354	ng/ul	99
82) Pyrene	19.603	202	2558574	35.093	ng/ul	99
83) Butylbenzylphthalate	20.503	149	1035847	37.977	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.286	252	821454	35.795	ng/ul	100
85) Benzo(a)anthracene	21.344	228	2377578	35.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1544099	41.002	ng/ul	98
87) Chrysene	21.397	228	2321588	35.280	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	2534082	39.267	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	2440850	36.878	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	2276531	36.153	ng/ul	98
93) Benzo(a)pyrene	23.586	252	2354875	36.166	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.103	276	2670177	34.878	ng/ul	98
95) Dibenzo(a,h)anthracene	26.115	278	2308085	34.998	ng/ul	98
96) Benzo(g,h,i)perylene	26.844	276	2236312	34.159	ng/ul	99

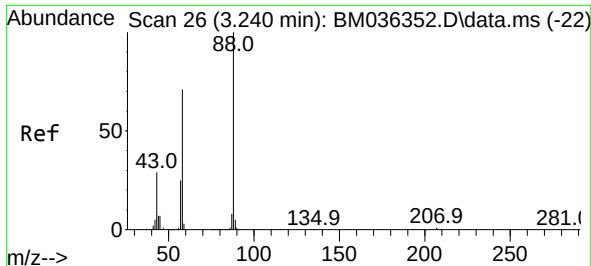
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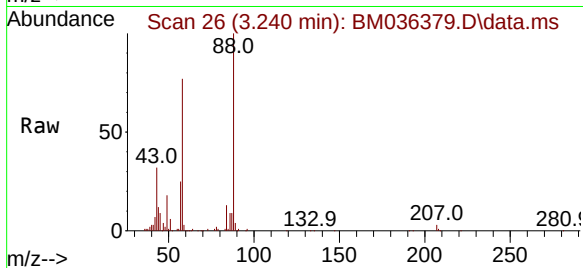
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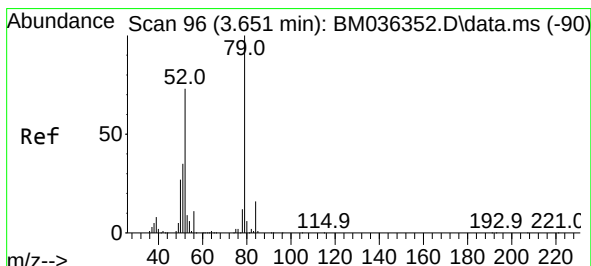
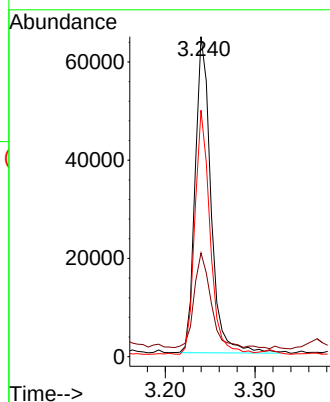
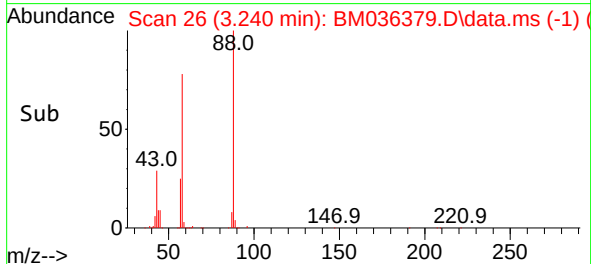


#2
1,4-Dioxane
Concen: 13.154 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Instrument :
BNA_M
ClientSampleId :

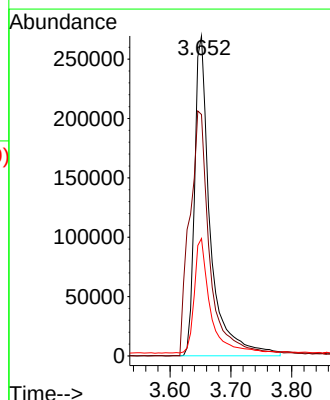
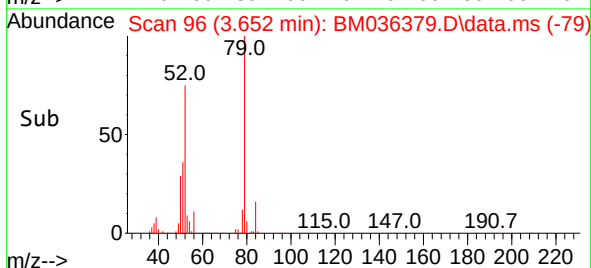
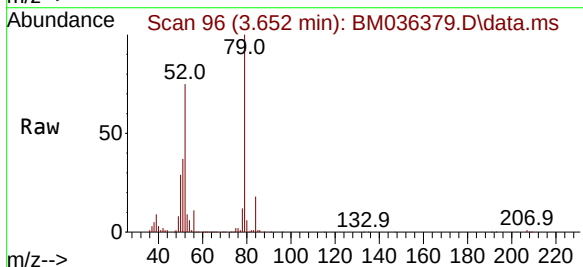


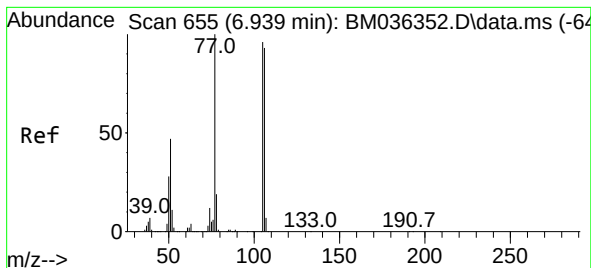
Tgt Ion: 88 Resp: 78912
Ion Ratio Lower Upper
88 100
43 32.4 27.8 41.8
58 77.0 61.8 92.8



#5
Pyridine
Concen: 29.852 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion: 79 Resp: 484348
Ion Ratio Lower Upper
79 100
52 75.4 67.8 101.6
51 36.7 31.4 47.0





#6

Benzaldehyde

Concen: 32.220 ng/ul

RT: 6.940 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

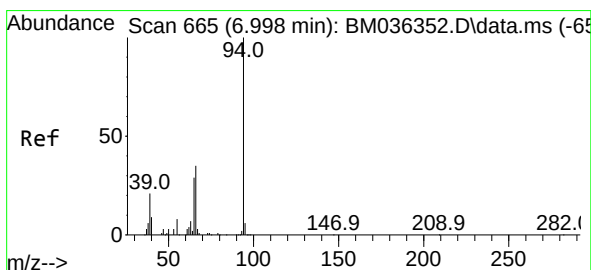
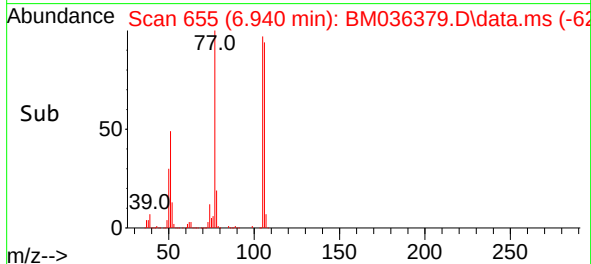
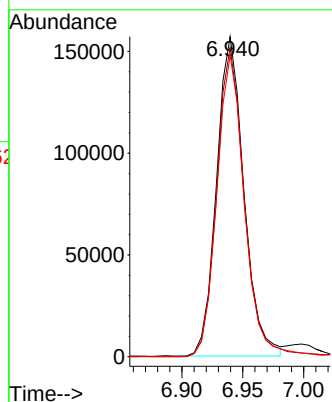
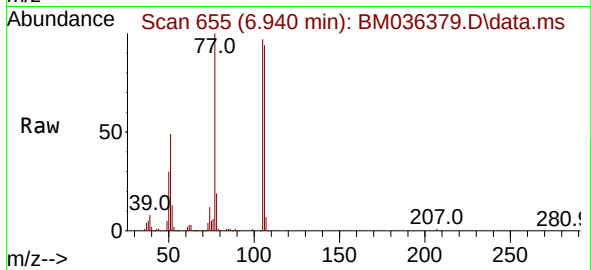
Tgt Ion: 77 Resp: 245212

Ion Ratio Lower Upper

77 100

105 96.6 84.6 127.0

106 94.2 80.3 120.5



#8

Phenol

Concen: 34.282 ng/ul

RT: 6.998 min Scan# 665

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

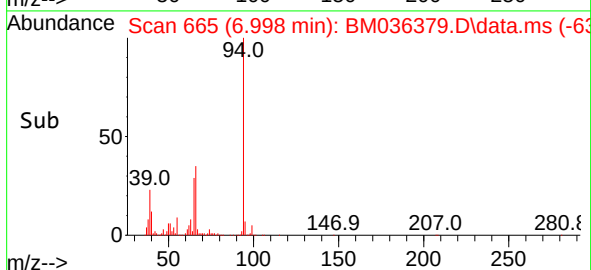
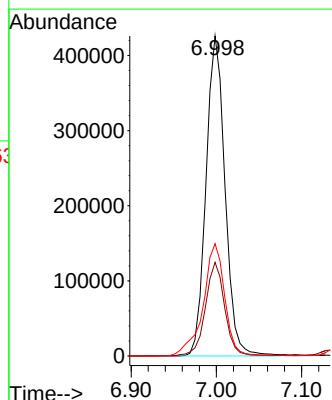
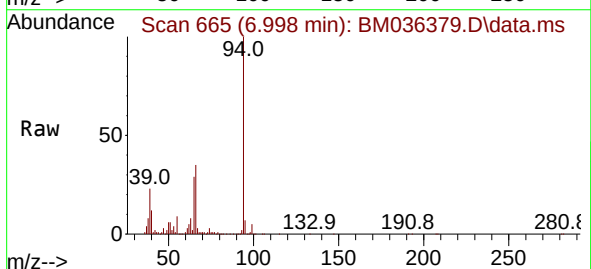
Tgt Ion: 94 Resp: 660386

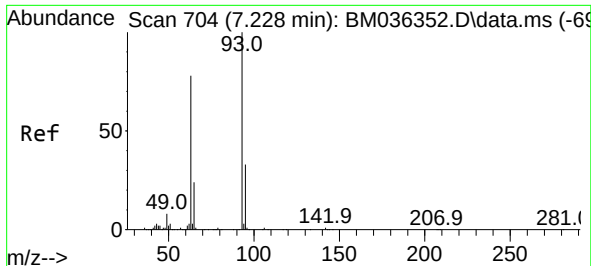
Ion Ratio Lower Upper

94 100

65 29.2 21.3 31.9

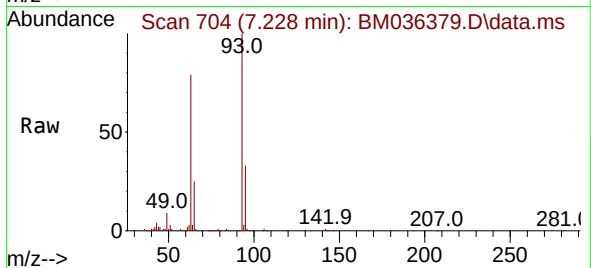
66 35.1 27.4 41.0



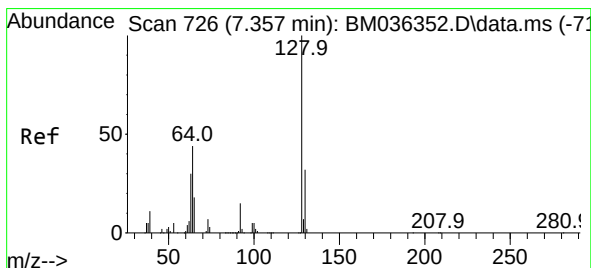
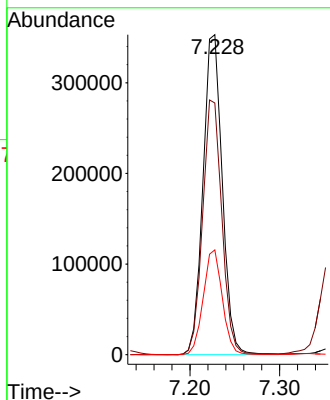
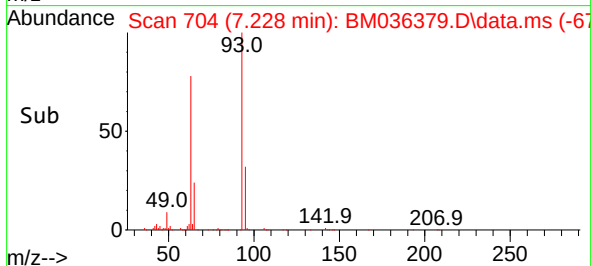


#10
Bis(2-Chloroethyl)ether
Concen: 34.171 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
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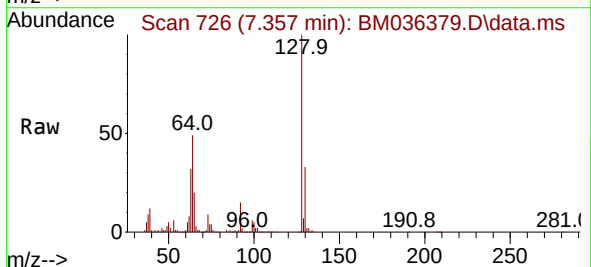
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ClientSampleId :



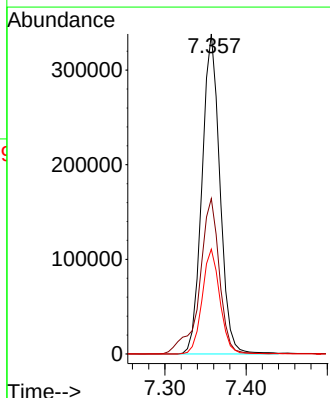
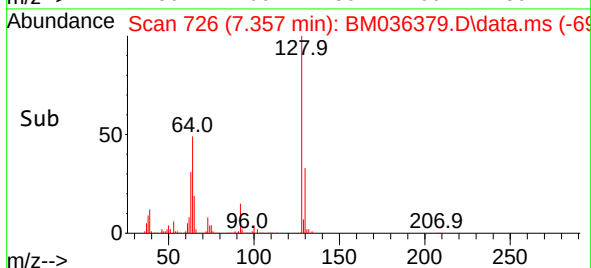
Tgt Ion: 93 Resp: 526496
Ion Ratio Lower Upper
93 100
63 78.6 64.0 96.0
95 32.8 25.8 38.6

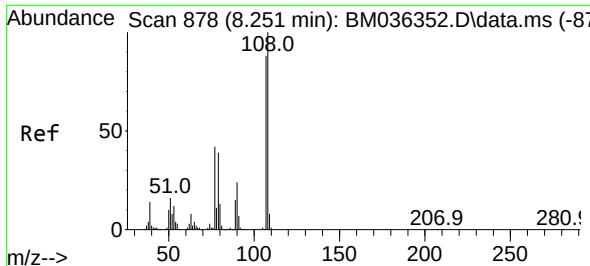


#12
2-Chlorophenol
Concen: 33.986 ng/ul
RT: 7.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34



Tgt Ion: 128 Resp: 517368
Ion Ratio Lower Upper
128 100
64 48.6 36.9 55.3
130 32.8 25.6 38.4

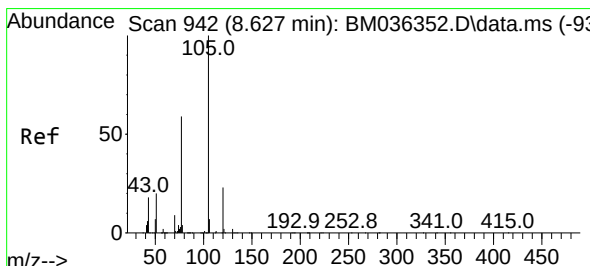
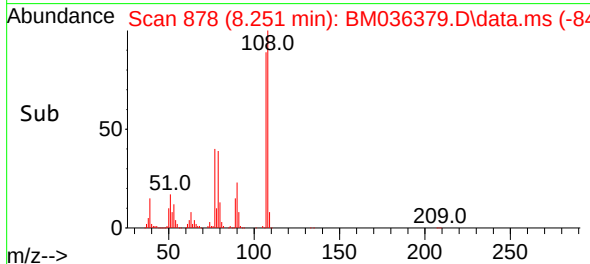
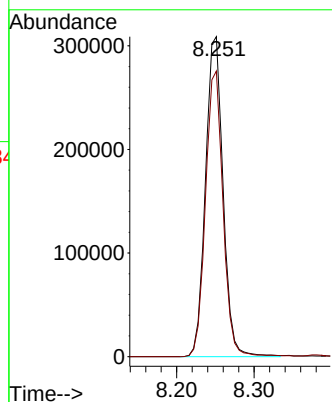
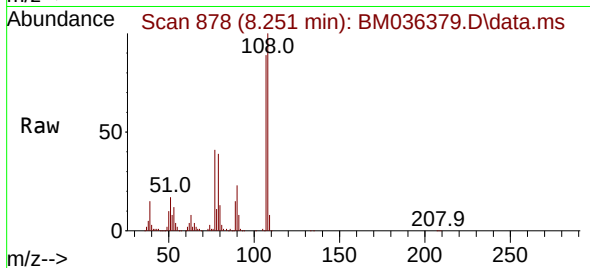




#13
2-Methylphenol
Concen: 34.284 ng/ul
RT: 8.251 min Scan# 878
Delta R.T. 0.000 min
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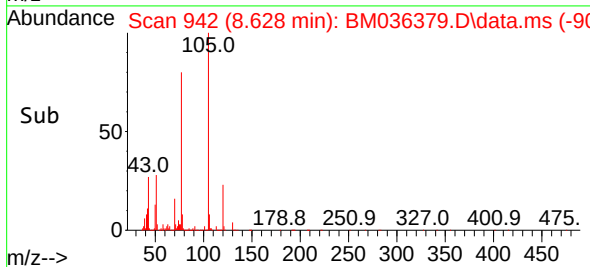
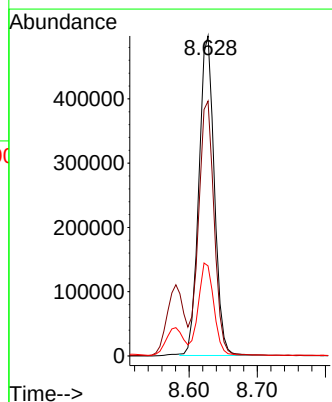
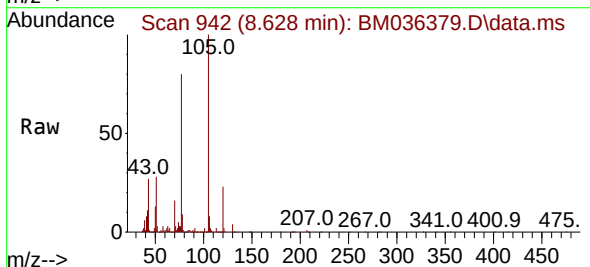
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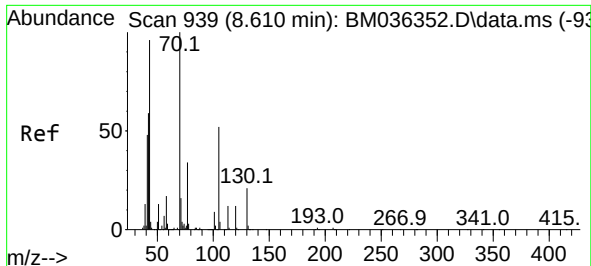
Tgt Ion:108 Resp: 486821
Ion Ratio Lower Upper
108 100
107 89.3 75.0 112.4



#16
Acetophenone
Concen: 35.102 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:105 Resp: 781033
Ion Ratio Lower Upper
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77 79.6 59.8 89.6
51 28.1 22.1 33.1

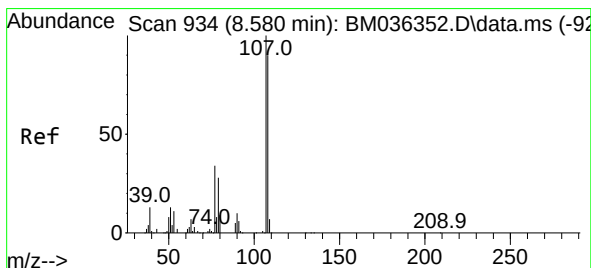
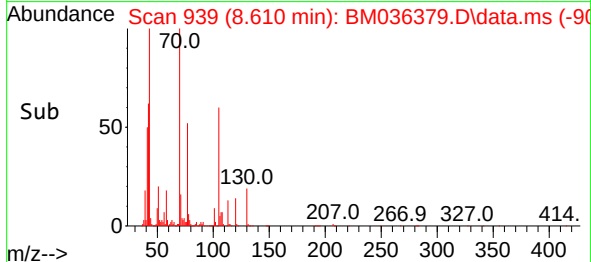
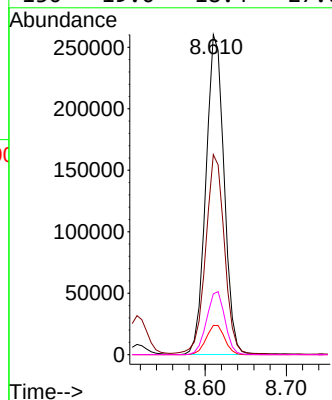
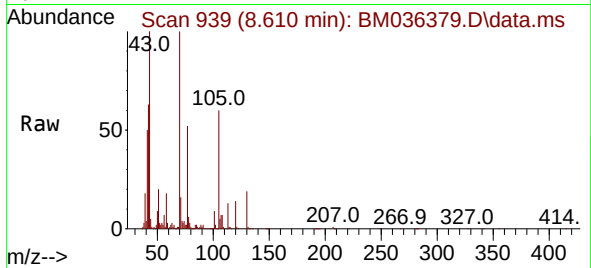




#17
N-Nitroso-di-n-propylamine
Concen: 36.579 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.000 min
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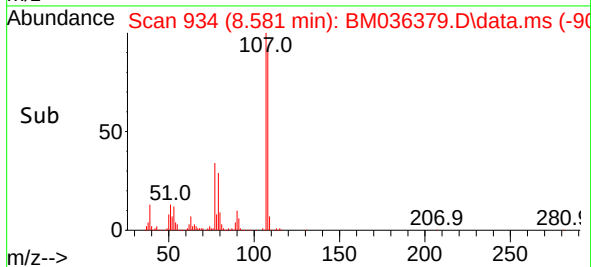
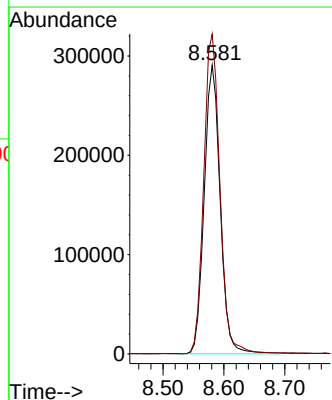
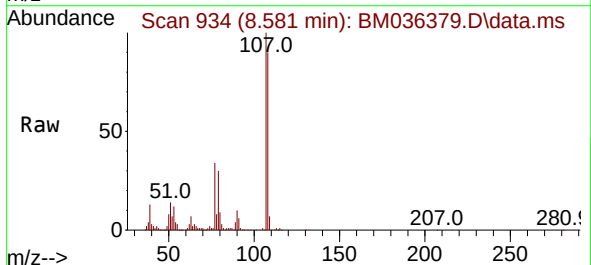
Instrument :
BNA_M
ClientSampleId :

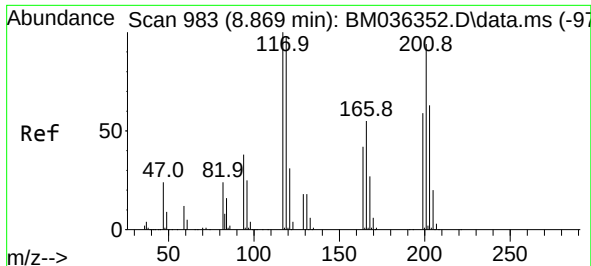
Tgt Ion: 70 Resp: 405097
Ion Ratio Lower Upper
70 100
42 62.5 49.6 74.4
101 9.2 8.1 12.1
130 19.0 18.4 27.6



#18
4-Methylphenol
Concen: 34.830 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

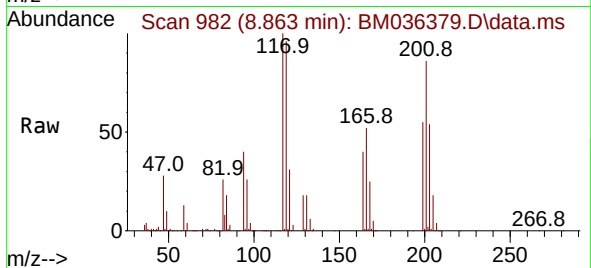
Tgt Ion: 108 Resp: 529419
Ion Ratio Lower Upper
108 100
107 110.8 90.3 135.5



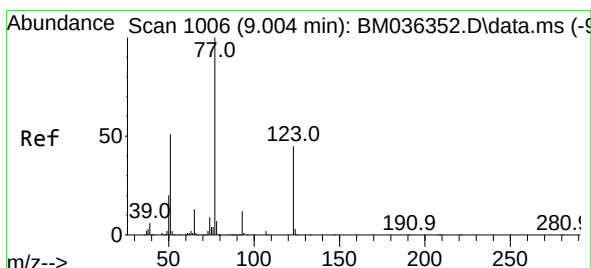
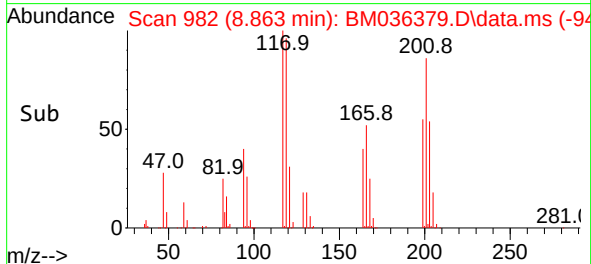
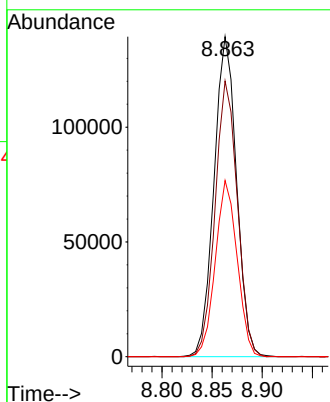


#19
Hexachloroethane
Concen: 34.202 ng/ul
RT: 8.863 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Instrument :
BNA_M
ClientSampleId :

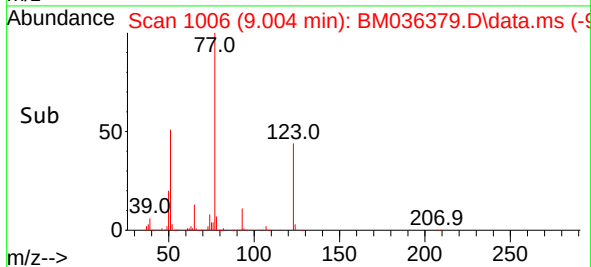
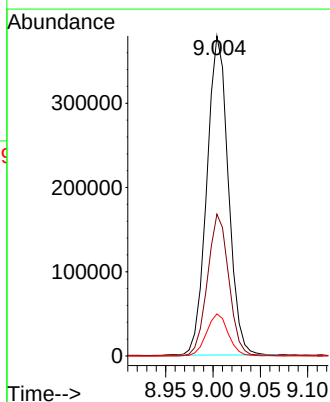
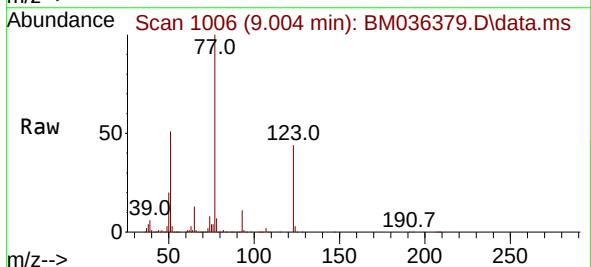


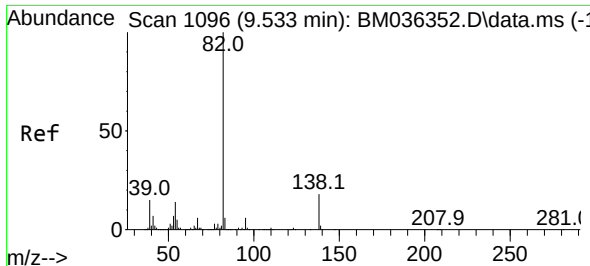
Tgt Ion:117 Resp: 217823
Ion Ratio Lower Upper
117 100
201 86.2 81.8 122.6
199 55.0 51.6 77.4



#22
Nitrobenzene
Concen: 35.632 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

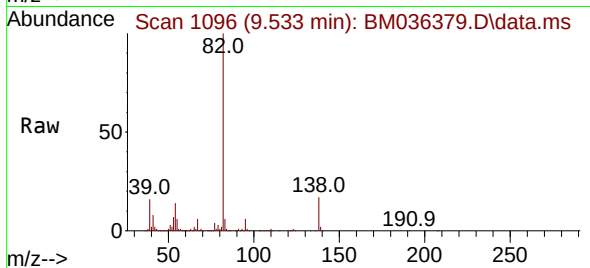
Tgt Ion: 77 Resp: 597864
Ion Ratio Lower Upper
77 100
123 44.3 37.4 56.0
65 13.2 10.8 16.2



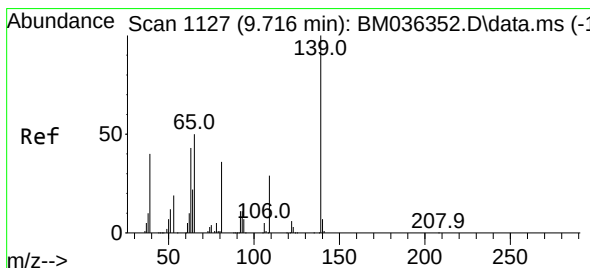
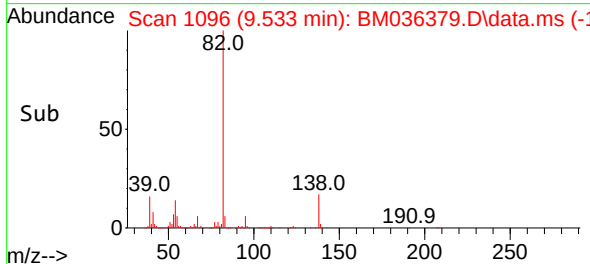
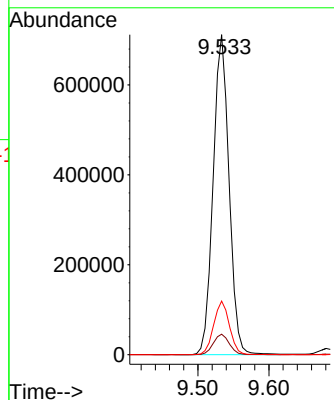


#23
Isophorone
Concen: 37.078 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Instrument :
BNA_M
ClientSampleId :

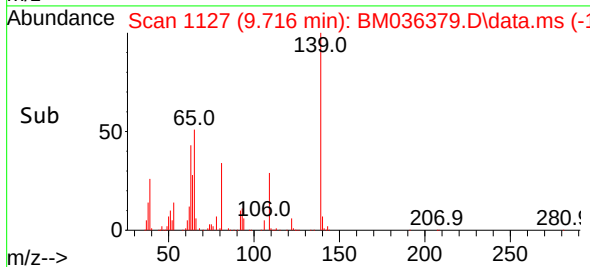
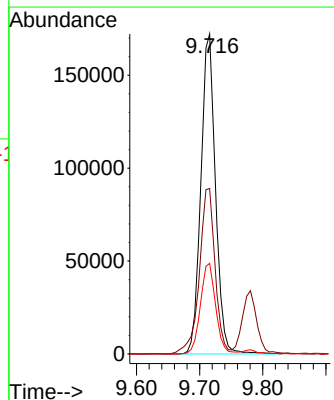
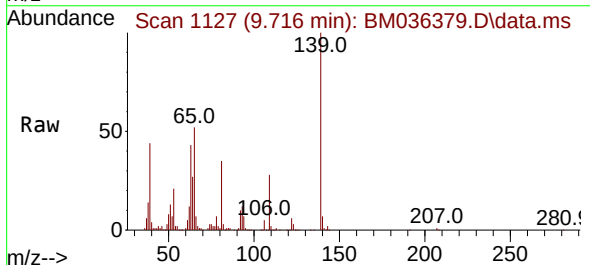


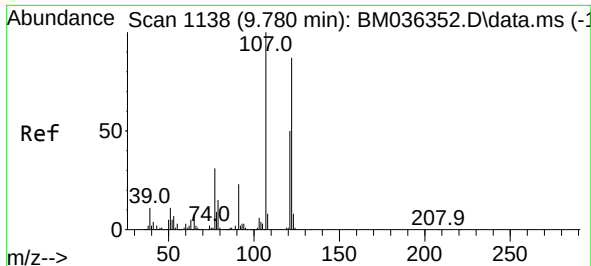
Tgt Ion: 82 Resp: 1104807
Ion Ratio Lower Upper
82 100
95 6.4 5.5 8.3
138 16.7 15.3 22.9



#25
2-Nitrophenol
Concen: 34.708 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

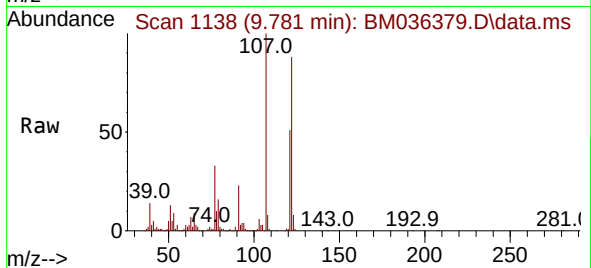
Tgt Ion:139 Resp: 277754
Ion Ratio Lower Upper
139 100
65 51.7 39.8 59.6
109 28.3 22.2 33.4



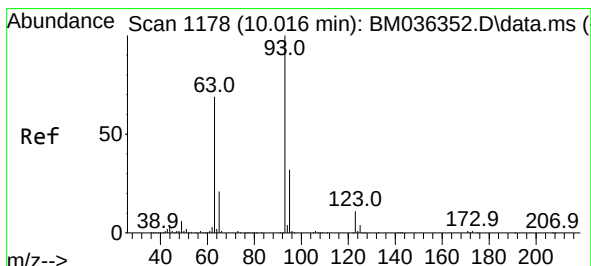
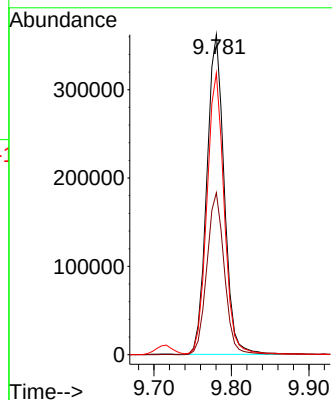
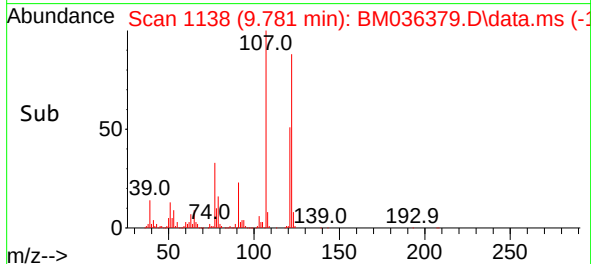


#26
2,4-Dimethylphenol
Concen: 35.396 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

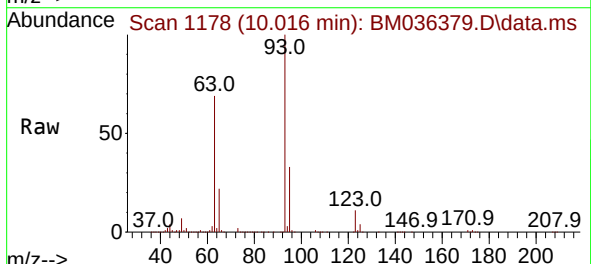
Instrument :
BNA_M
ClientSampleId :



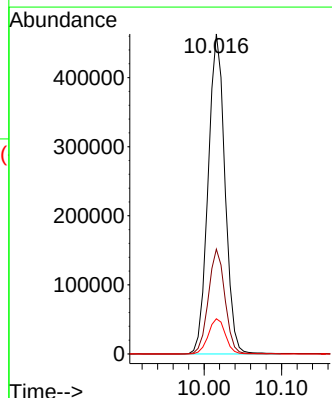
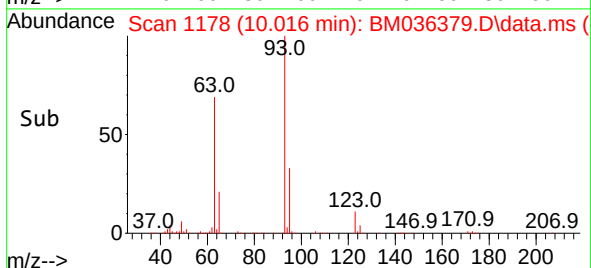
Tgt Ion:107 Resp: 566491
Ion Ratio Lower Upper
107 100
121 50.6 42.7 64.1
122 88.0 71.5 107.3

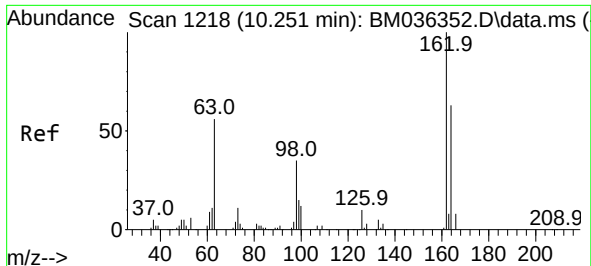


#27
Bis(2-Chloroethoxy)methane
Concen: 35.947 ng/ul
RT: 10.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34



Tgt Ion: 93 Resp: 697314
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 35.137 ng/ul

RT: 10.245 min Scan# 1

Delta R.T. -0.006 min

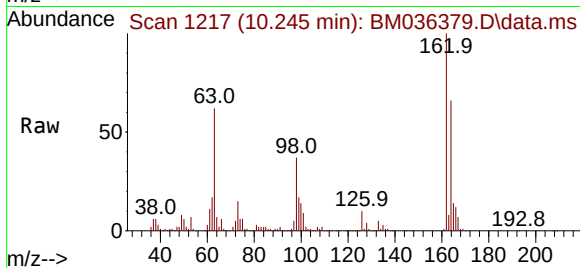
Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :



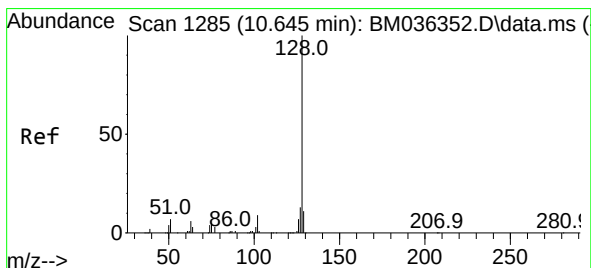
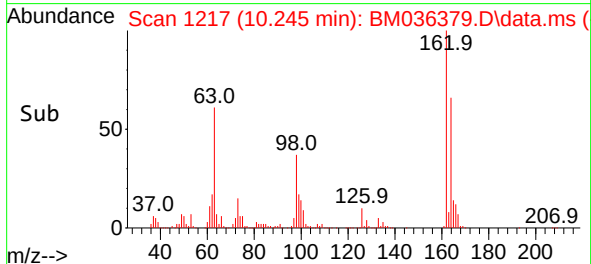
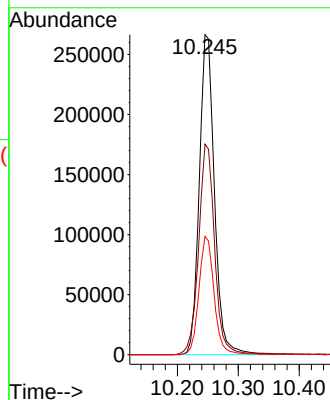
Tgt Ion:162 Resp: 461387

Ion Ratio Lower Upper

162 100

164 65.8 51.8 77.6

98 36.9 29.5 44.3



#30

Naphthalene

Concen: 34.266 ng/ul

RT: 10.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

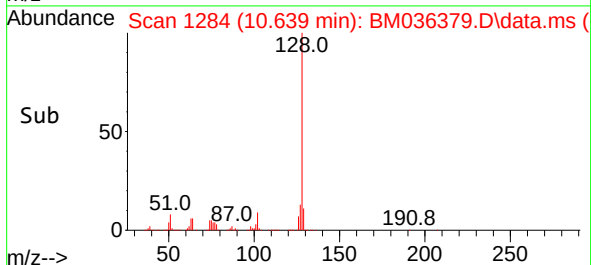
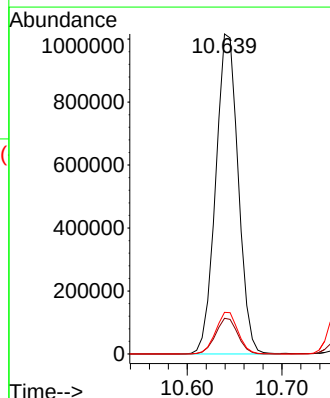
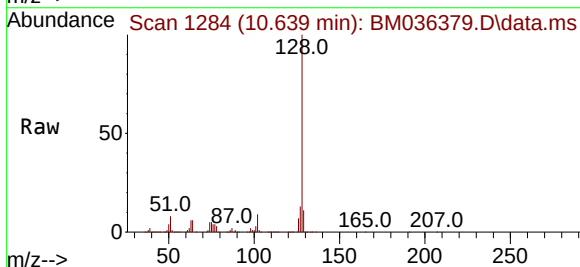
Tgt Ion:128 Resp: 1679758

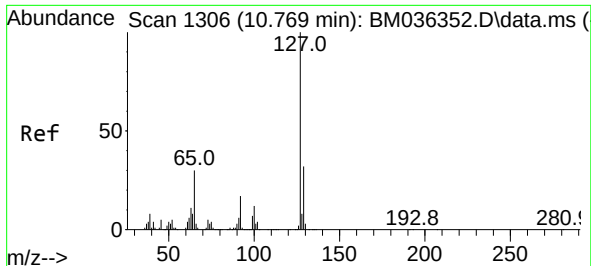
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.6 16.0

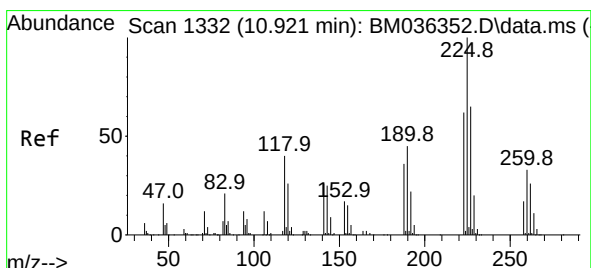
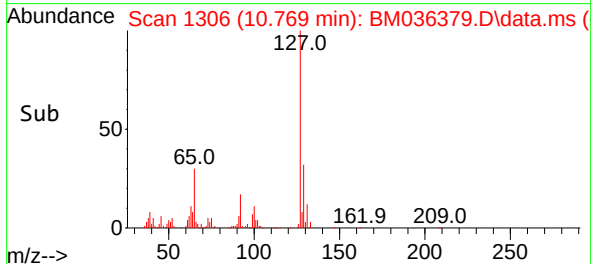
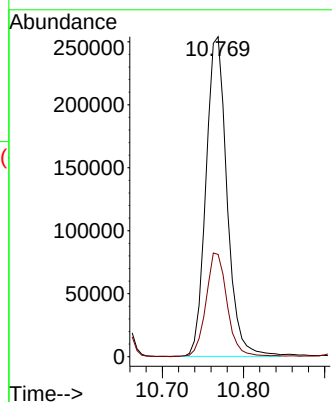
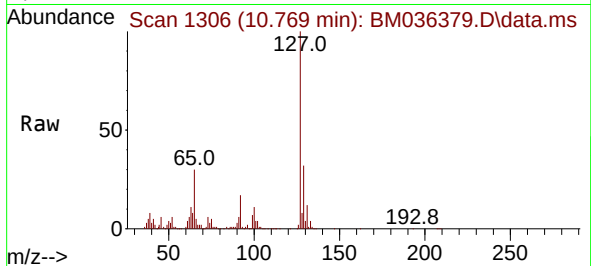




#32
4-Chloroaniline
Concen: 22.580 ng/ul
RT: 10.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

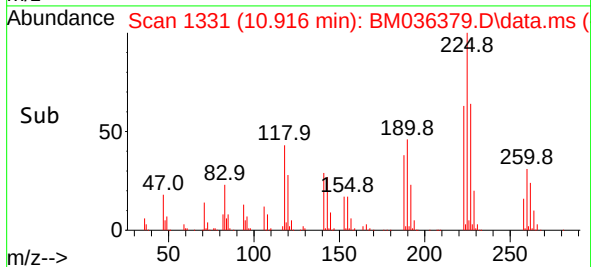
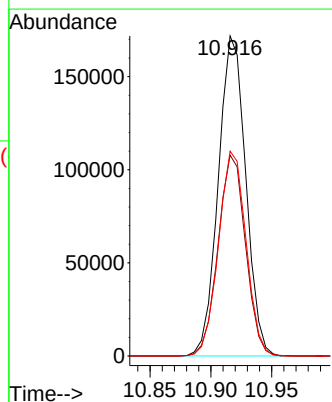
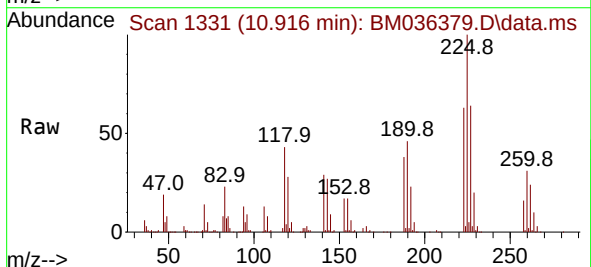
Instrument :
BNA_M
ClientSampleId :

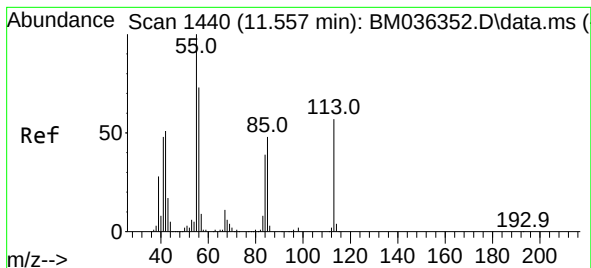
Tgt Ion:127 Resp: 456973
Ion Ratio Lower Upper
127 100
129 31.9 25.3 37.9



#33
Hexachlorobutadiene
Concen: 32.644 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:225 Resp: 269296
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 64.0 49.9 74.9





#34

Caprolactam

Concen: 21.025 ng/ul

RT: 11.563 min Scan# 1441

Delta R.T. 0.006 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

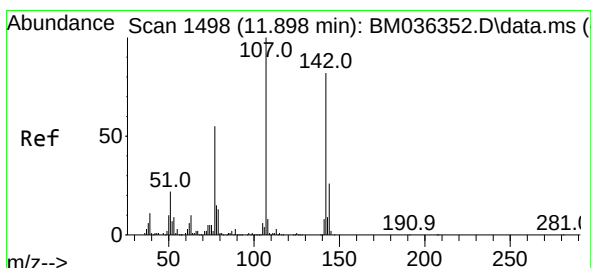
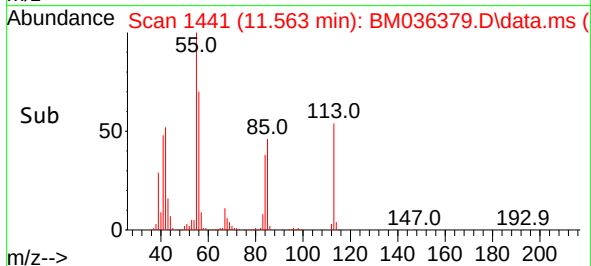
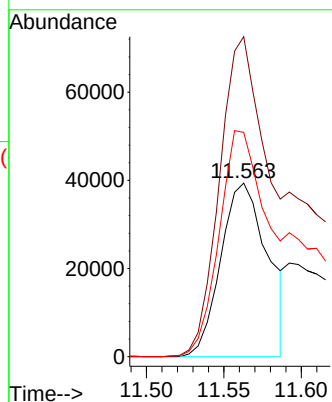
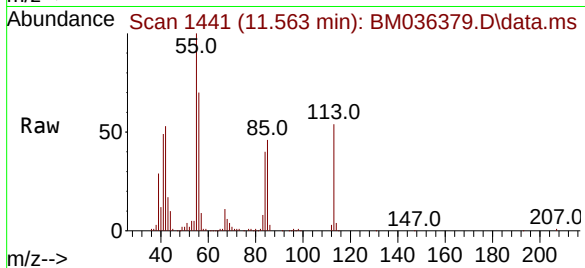
Tgt Ion:113 Resp: 82720

Ion Ratio Lower Upper

113 100

55 184.3 150.2 225.4

56 129.2 102.1 153.1



#35

4-Chloro-3-methylphenol

Concen: 37.944 ng/ul

RT: 11.898 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

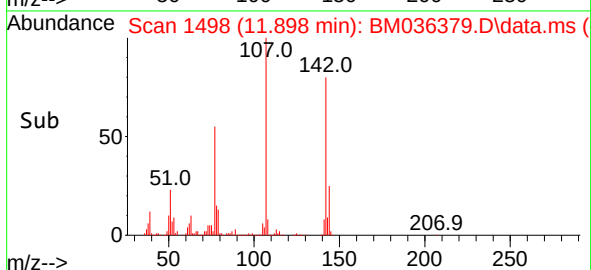
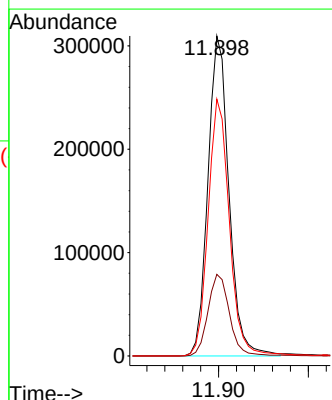
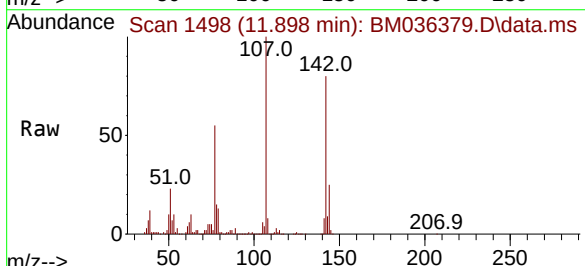
Tgt Ion:107 Resp: 503783

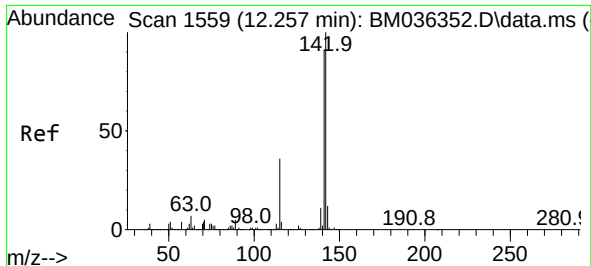
Ion Ratio Lower Upper

107 100

144 25.5 20.3 30.5

142 80.3 64.4 96.6





#36

2-Methylnaphthalene

Concen: 36.367 ng/ul

RT: 12.257 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

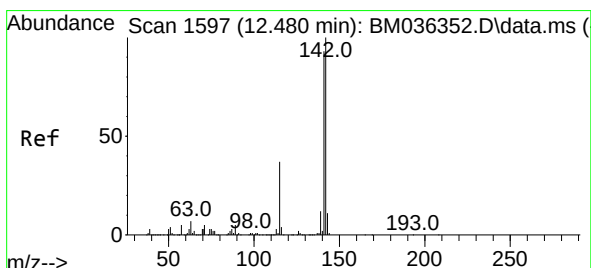
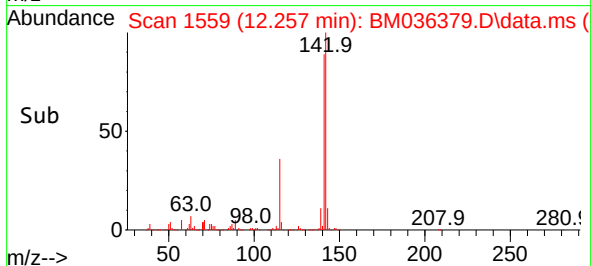
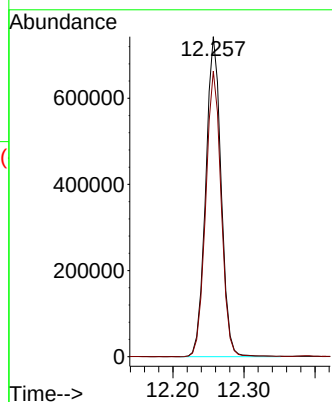
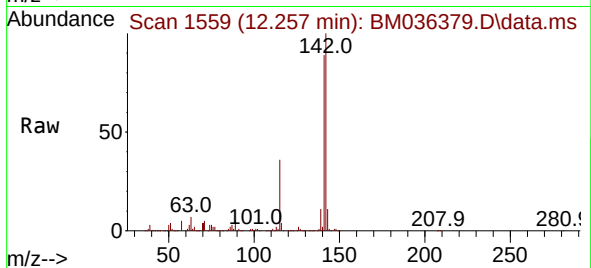
ClientSampleId :

Tgt Ion:142 Resp: 1118531

Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1



#37

1-Methylnaphthalene

Concen: 35.993 ng/ul

RT: 12.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

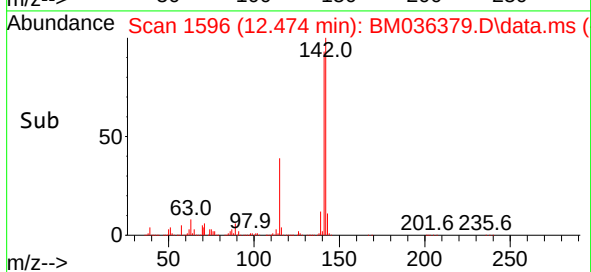
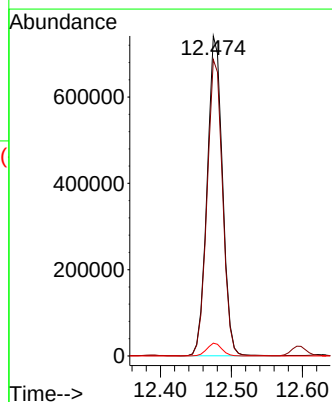
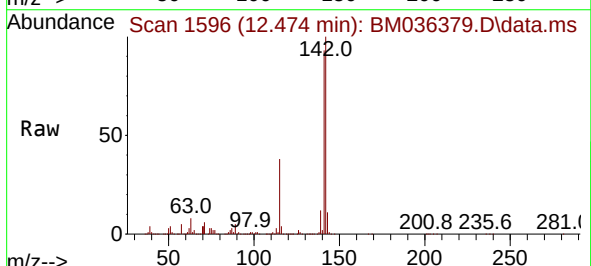
Tgt Ion:142 Resp: 1114884

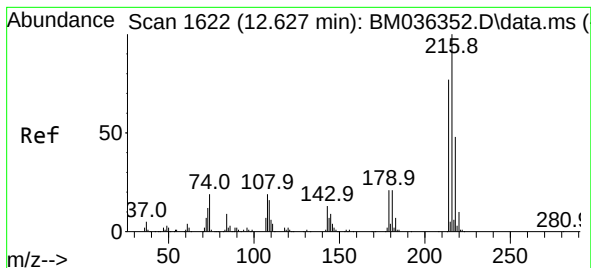
Ion Ratio Lower Upper

142 100

141 92.6 75.2 112.8

116 4.0 2.6 3.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.727 ng/ul

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

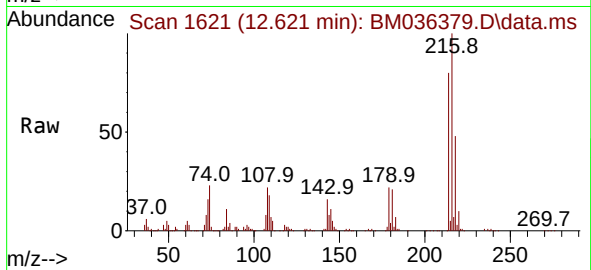
Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:216 Resp: 516414

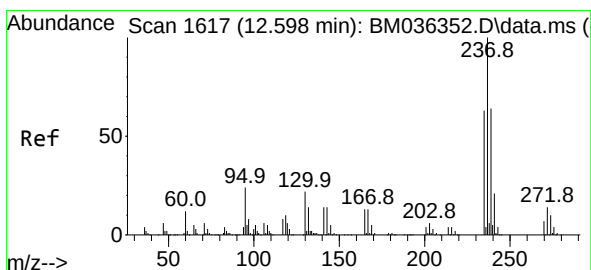
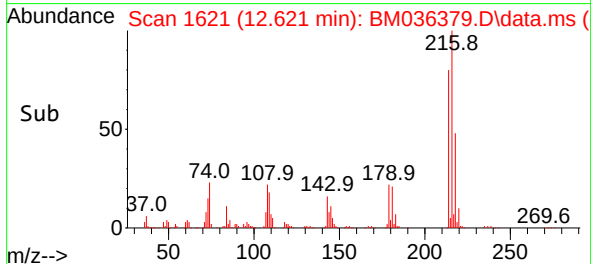
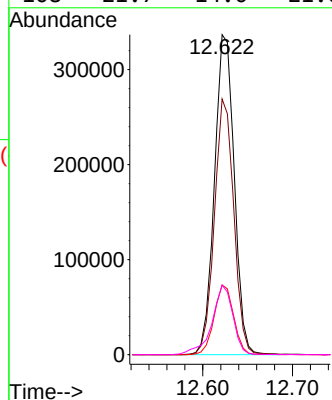
Ion Ratio Lower Upper

216 100

214 79.9 62.4 93.6

179 21.8 17.3 25.9

108 21.7 14.0 21.0#



#40

Hexachlorocyclopentadiene

Concen: 24.495 ng/ul

RT: 12.598 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

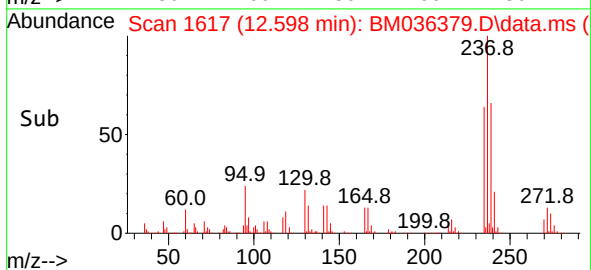
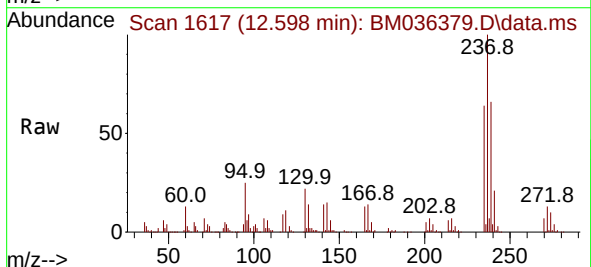
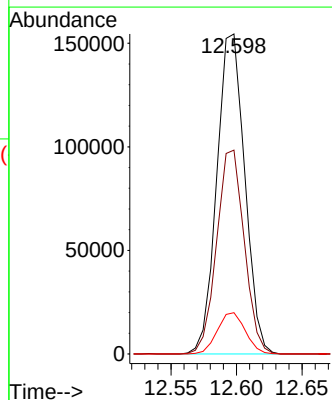
Tgt Ion:237 Resp: 229306

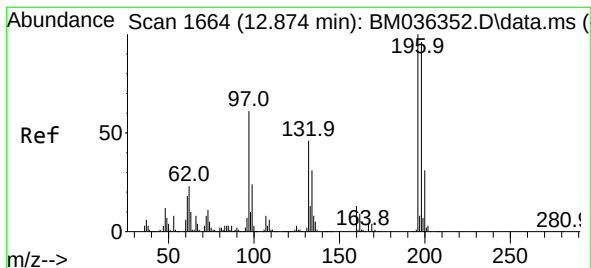
Ion Ratio Lower Upper

237 100

235 63.7 48.4 72.6

272 13.5 11.6 17.4





#41

2,4,6-Trichlorophenol

Concen: 33.205 ng/uI

RT: 12.874 min Scan# 1

Delta R.T. 0.000 min

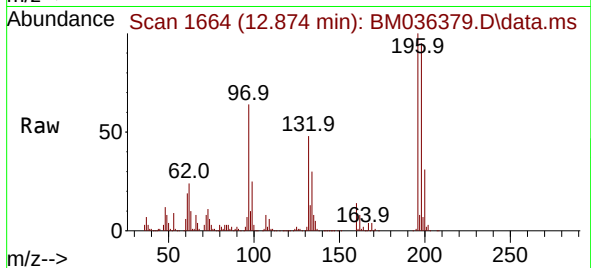
Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :



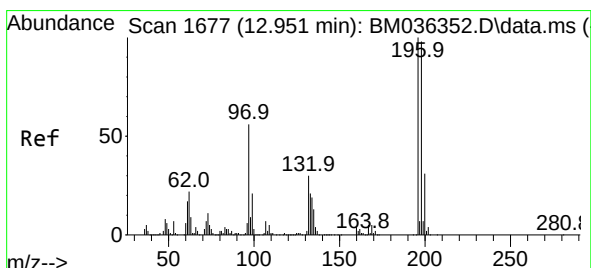
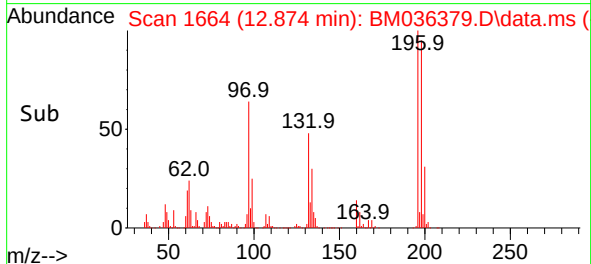
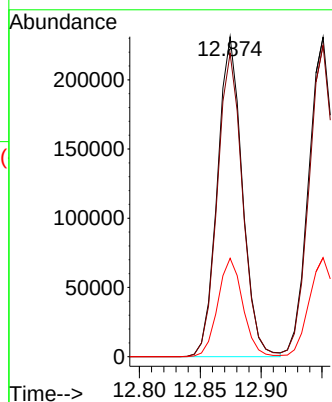
Tgt Ion:196 Resp: 329706

Ion Ratio Lower Upper

196 100

198 94.8 77.8 116.6

200 30.7 25.0 37.6



#42

2,4,5-Trichlorophenol

Concen: 33.775 ng/uI

RT: 12.951 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

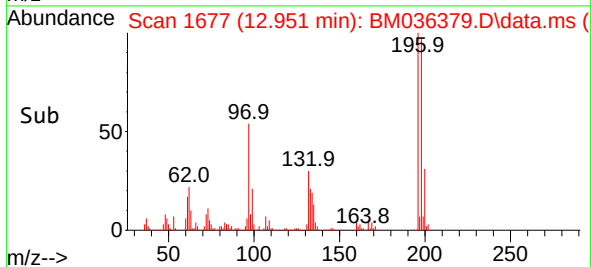
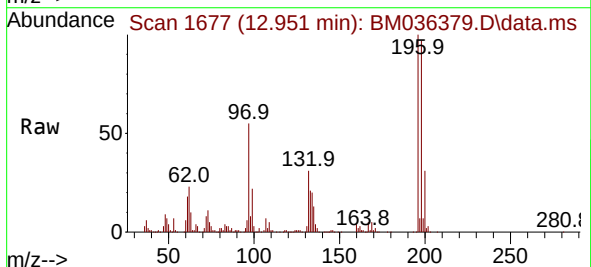
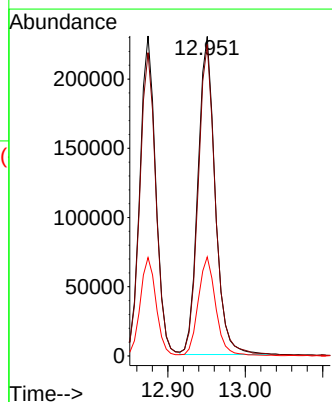
Tgt Ion:196 Resp: 355724

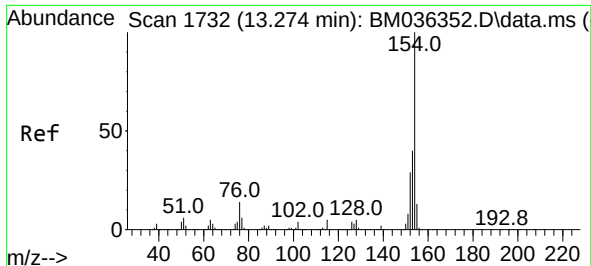
Ion Ratio Lower Upper

196 100

198 97.4 76.8 115.2

200 31.0 24.9 37.3

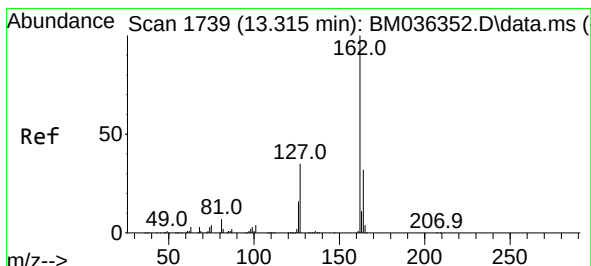
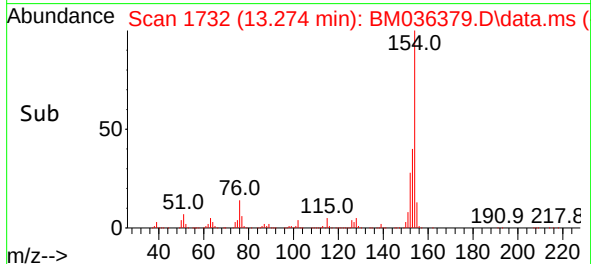
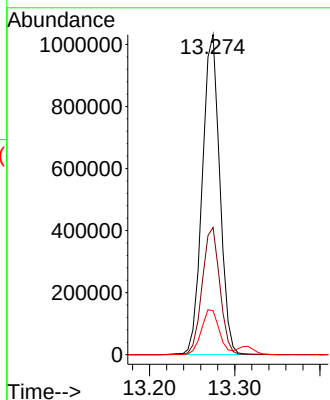
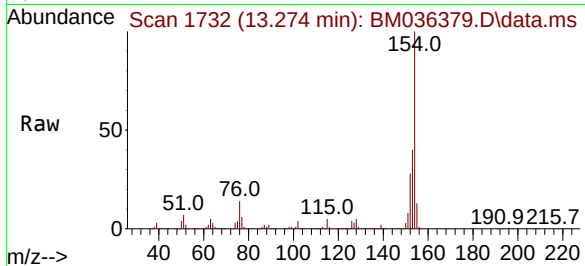




#43
1,1'-Biphenyl
Concen: 34.098 ng/ul
RT: 13.274 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

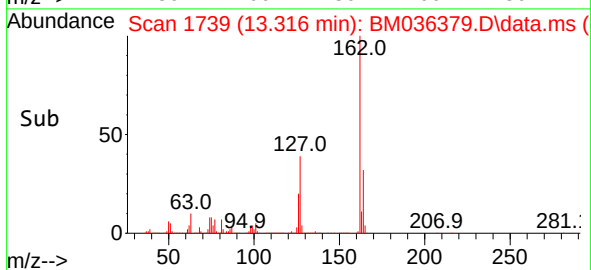
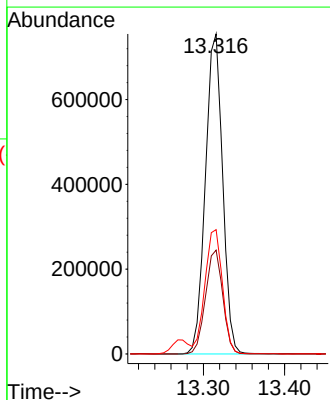
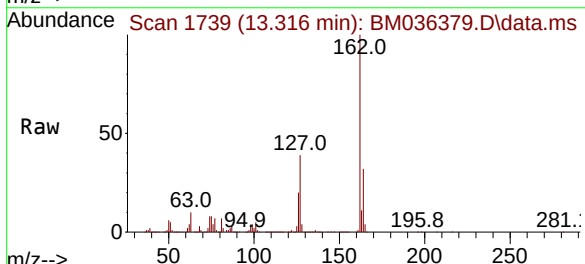
Instrument :
BNA_M
ClientSampleId :

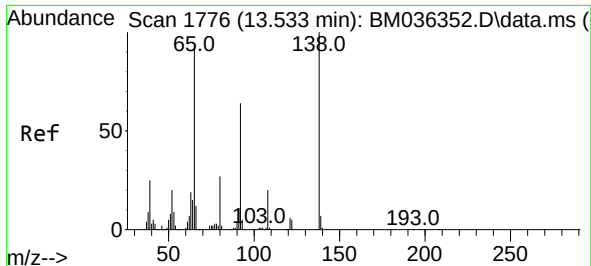
Tgt Ion:154 Resp: 1464058
Ion Ratio Lower Upper
154 100
153 39.8 32.4 48.6
76 13.8 10.1 15.1



#44
2-Chloronaphthalene
Concen: 33.692 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:162 Resp: 1110099
Ion Ratio Lower Upper
162 100
164 32.4 25.4 38.0
127 38.8 31.6 47.4

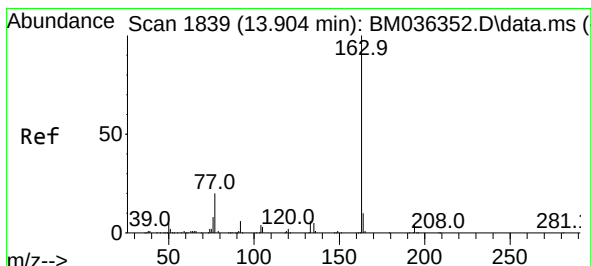
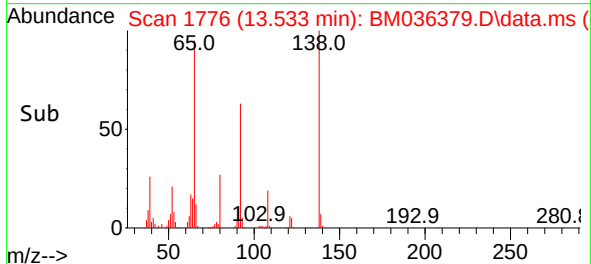
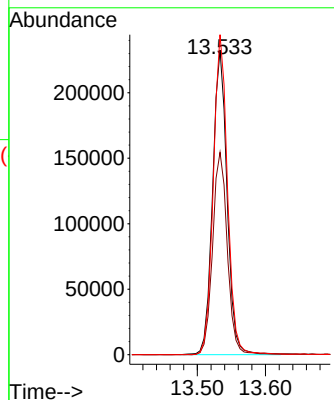
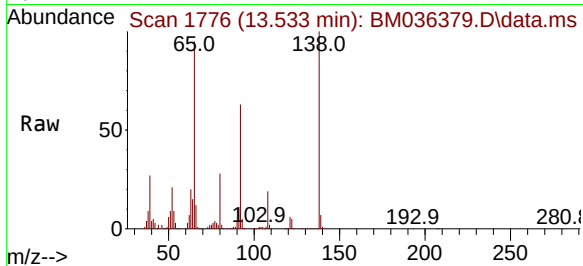




#45
2-Nitroaniline
Concen: 38.468 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

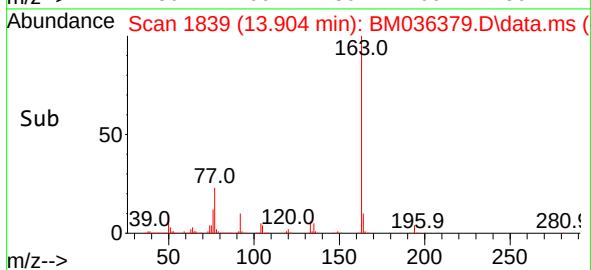
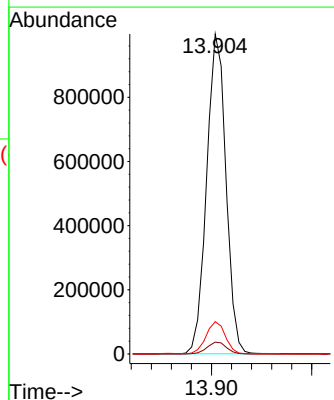
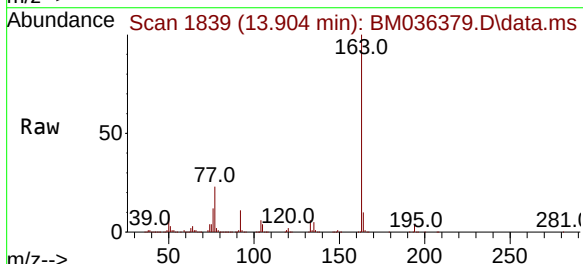
Instrument :
BNA_M
ClientSampleId :

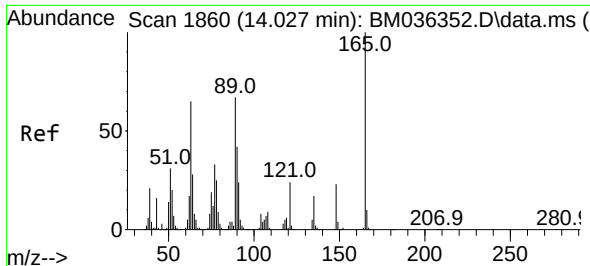
Tgt Ion: 65 Resp: 343216
Ion Ratio Lower Upper
65 100
92 66.4 54.5 81.7
138 105.0 91.2 136.8



#47
Dimethylphthalate
Concen: 35.855 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion: 163 Resp: 1333013
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 7.9 11.9

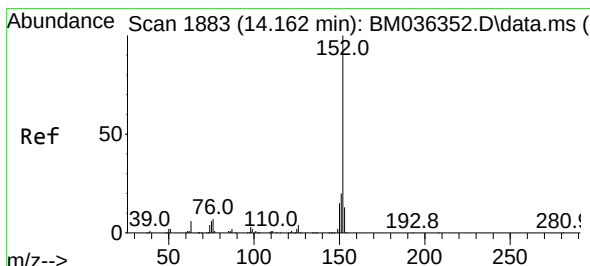
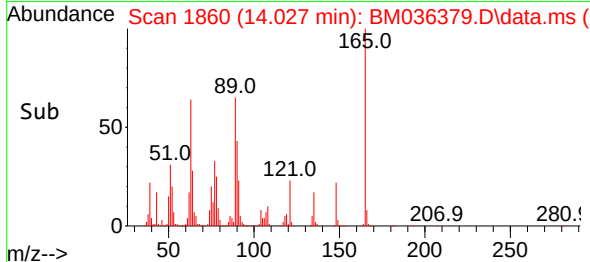
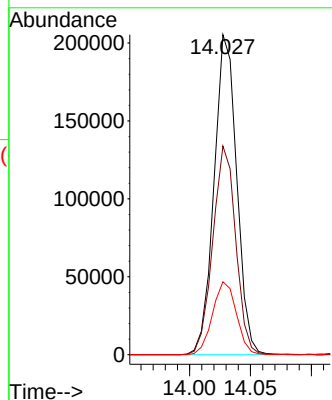
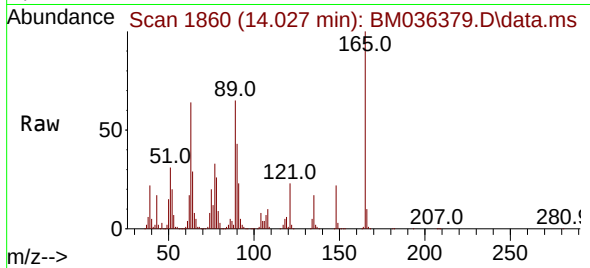




#48
2,6-Dinitrotoluene
Concen: 37.920 ng/ul
RT: 14.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

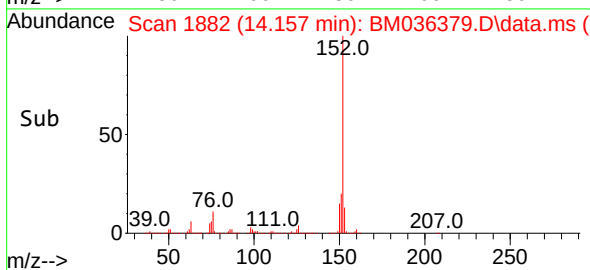
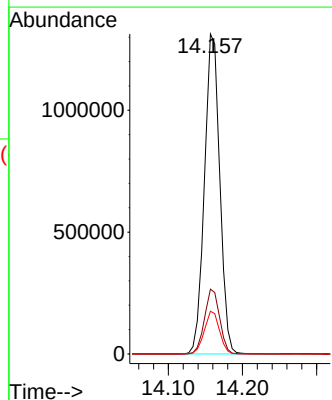
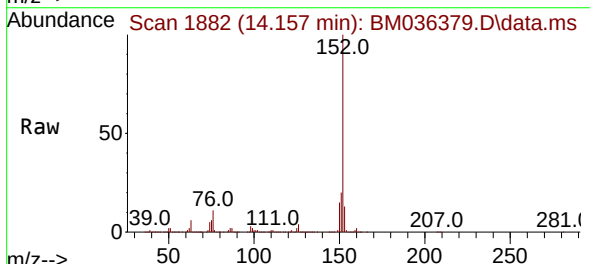
Instrument :
BNA_M
ClientSampleId :

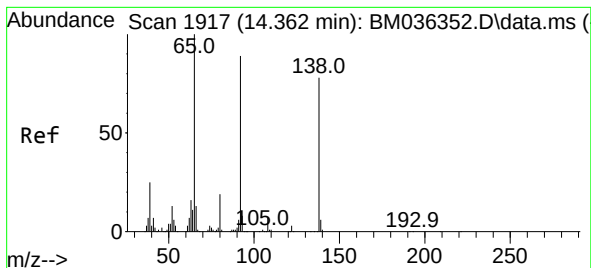
Tgt Ion:165 Resp: 265995
Ion Ratio Lower Upper
165 100
89 65.2 42.5 63.7#
121 22.8 17.2 25.8



#50
Acenaphthylene
Concen: 35.566 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:152 Resp: 1889331
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.6 15.8

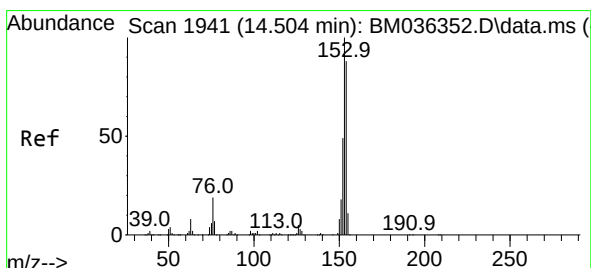
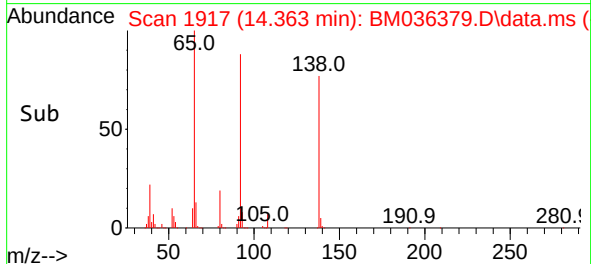
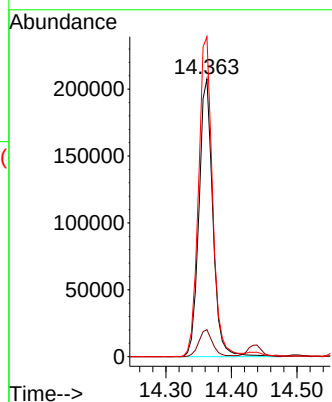
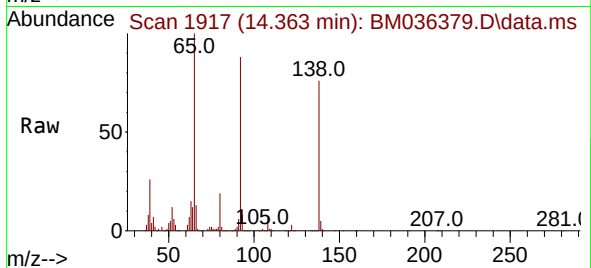




#51
3-Nitroaniline
Concen: 39.811 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

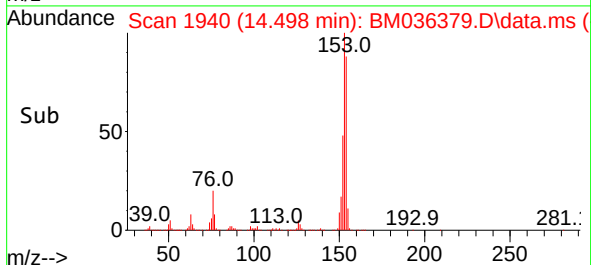
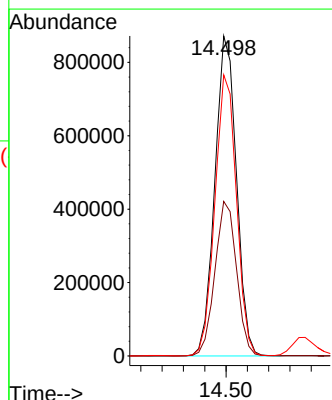
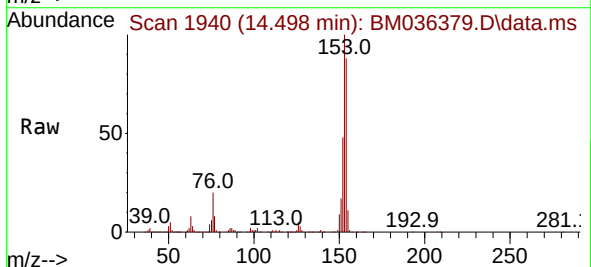
Instrument :
BNA_M
ClientSampleId :

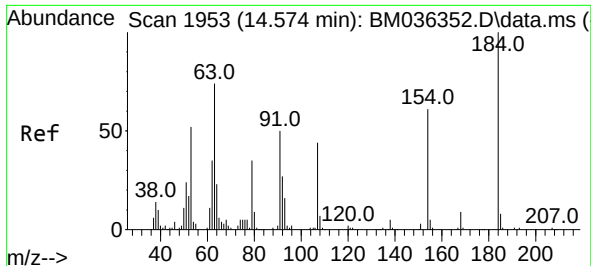
Tgt Ion:138 Resp: 305395
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 115.2 90.4 135.6



#52
Acenaphthene
Concen: 35.385 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:153 Resp: 1225200
Ion Ratio Lower Upper
153 100
152 48.3 37.1 55.7
154 87.9 71.3 106.9

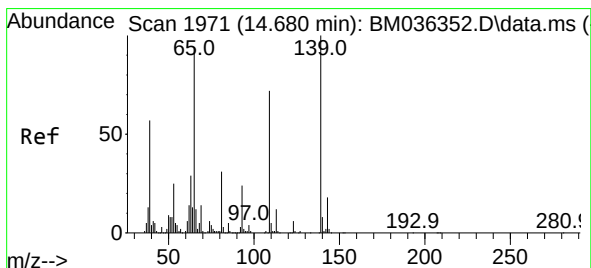
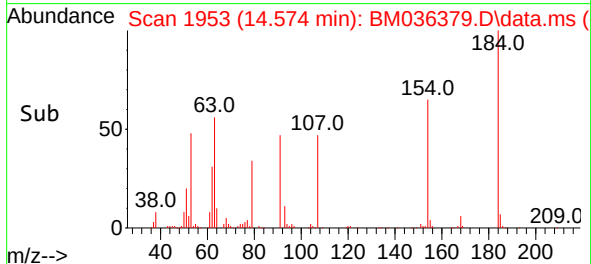
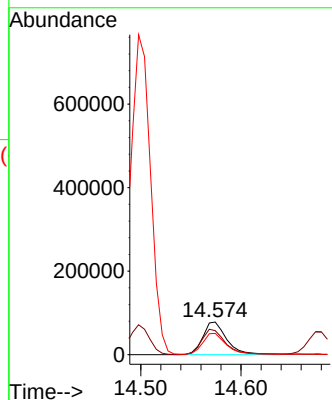
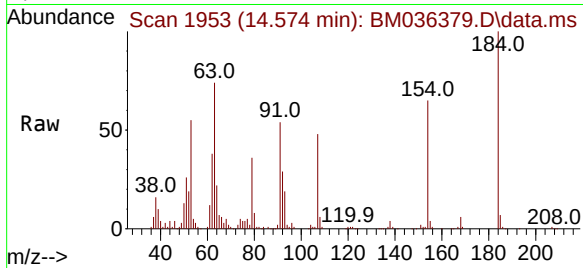




#53
2,4-Dinitrophenol
Concen: 33.846 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

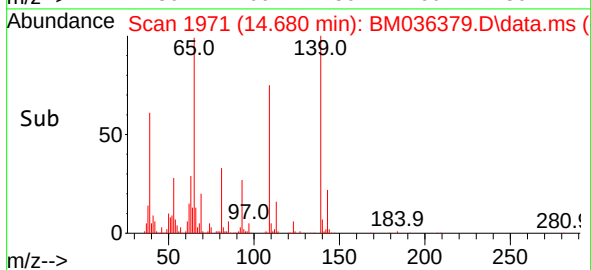
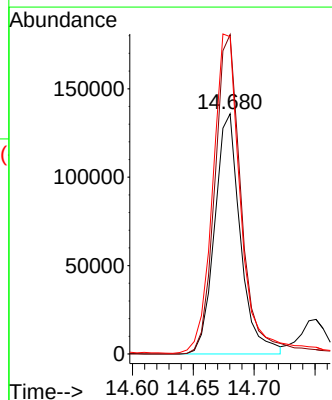
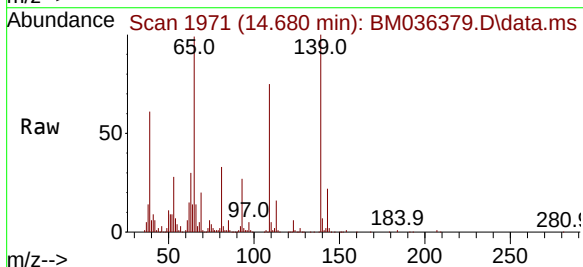
Instrument :
BNA_M
ClientSampleId :

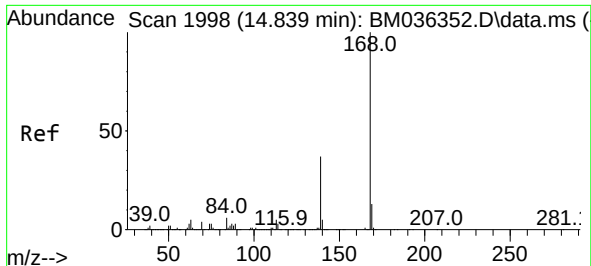
Tgt Ion:184 Resp: 129385
Ion Ratio Lower Upper
184 100
63 73.7 54.2 81.4
154 65.1 49.3 73.9



#55
4-Nitrophenol
Concen: 36.943 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:109 Resp: 199758
Ion Ratio Lower Upper
109 100
139 133.0 124.9 187.3
65 132.1 122.2 183.4

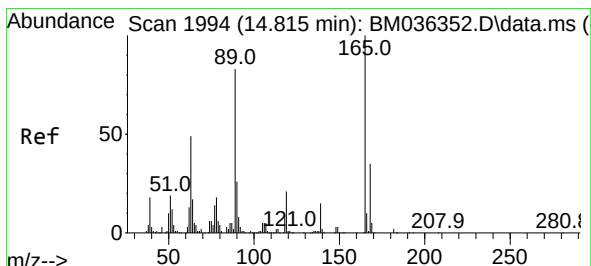
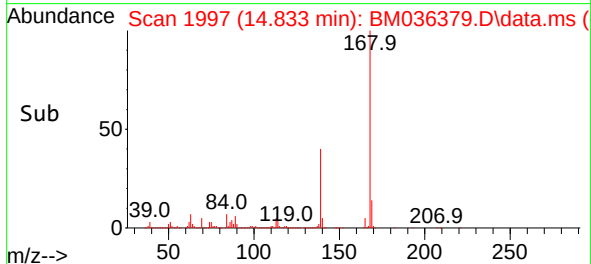
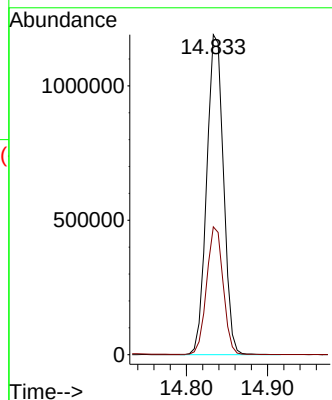
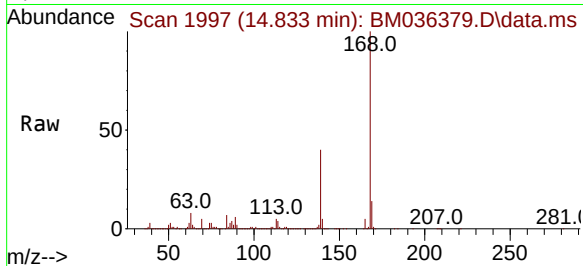




#56
Dibenzofuran
Concen: 35.495 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

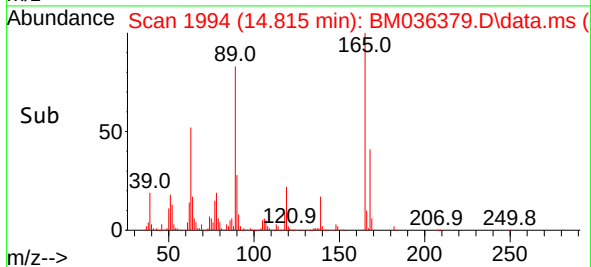
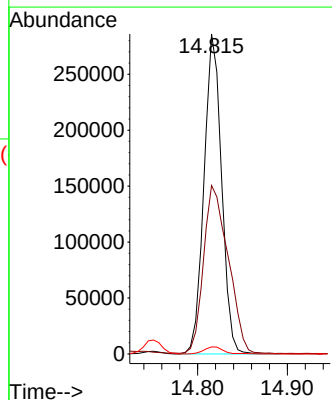
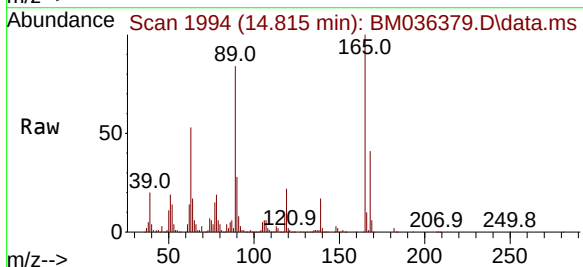
Instrument :
BNA_M
ClientSampleId :

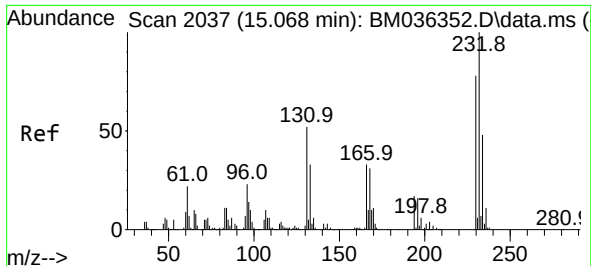
Tgt Ion:168 Resp: 1705315
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 39.108 ng/ul
RT: 14.815 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

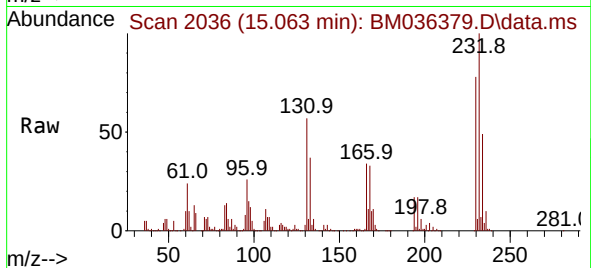
Tgt Ion:165 Resp: 389046
Ion Ratio Lower Upper
165 100
63 52.7 35.9 53.9
182 2.2 2.5 3.7#



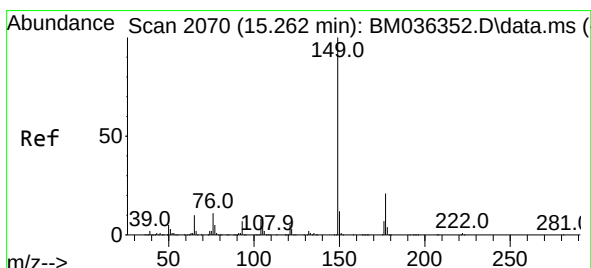
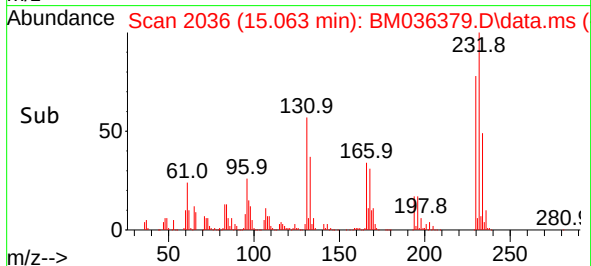
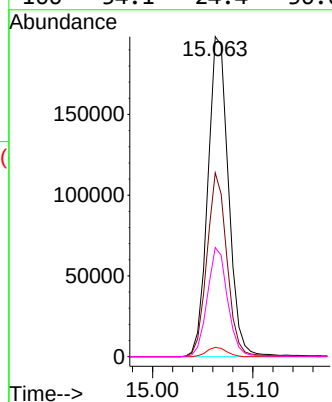


#58
2,3,4,6-Tetrachlorophenol
Concen: 35.528 ng/ul
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Instrument :
BNA_M
ClientSampleId :

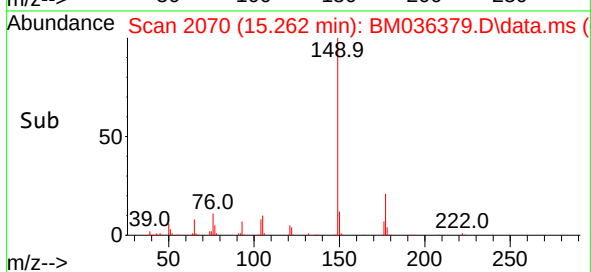
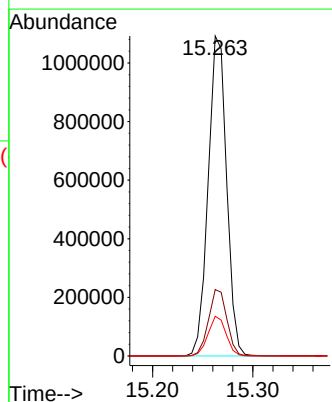
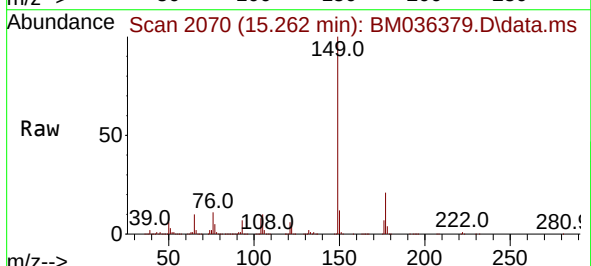


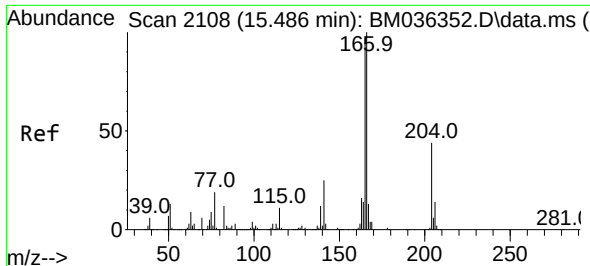
Tgt Ion:232 Resp: 284112
Ion Ratio Lower Upper
232 100
131 57.5 36.7 55.1#
130 2.9 1.7 2.5#
166 34.1 24.4 36.6



#59
Diethylphthalate
Concen: 38.196 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:149 Resp: 1399811
Ion Ratio Lower Upper
149 100
177 20.8 16.8 25.2
150 12.4 10.2 15.4

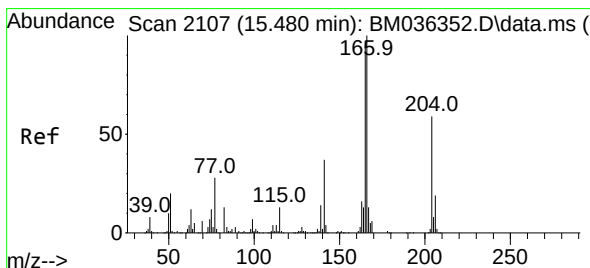
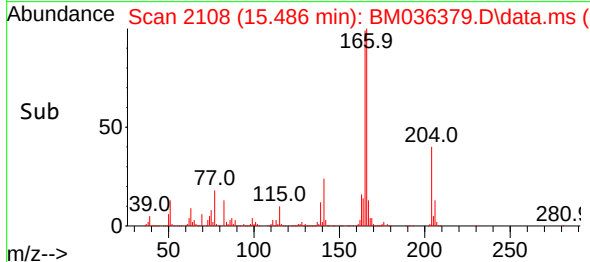
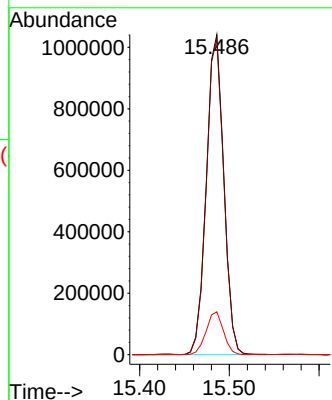
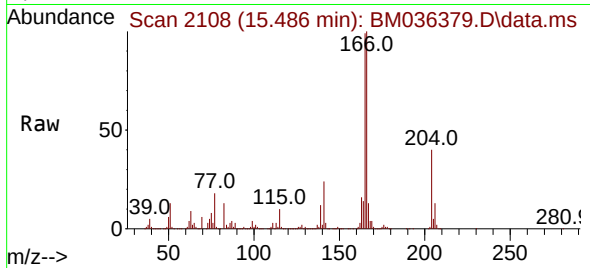




#61
 Fluorene
 Concen: 36.874 ng/ul
 RT: 15.486 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

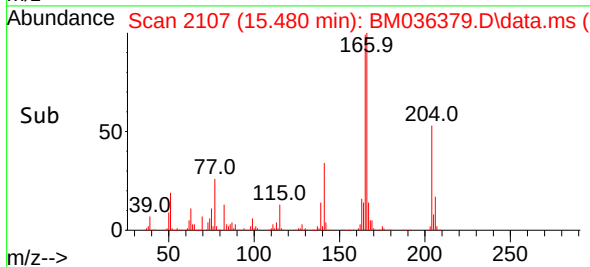
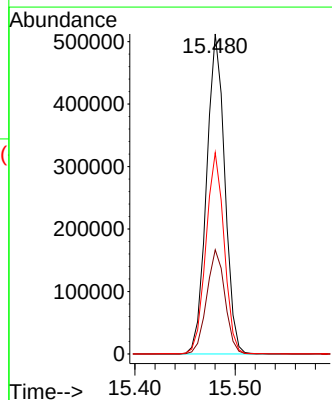
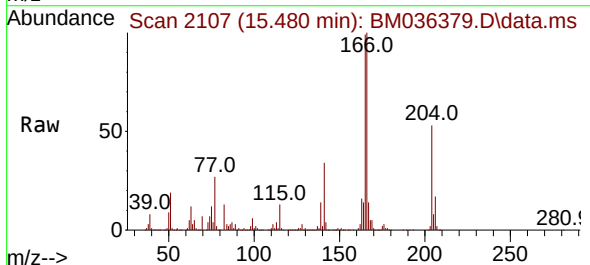
Instrument :
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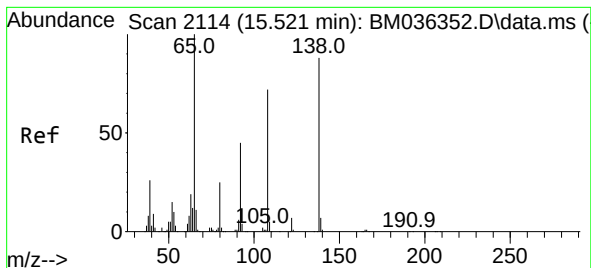
Tgt Ion:166 Resp: 1405135
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.2 115.8
 167 13.4 11.0 16.4



#62
 4-Chlorophenyl-phenylether
 Concen: 36.407 ng/ul
 RT: 15.480 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

Tgt Ion:204 Resp: 648064
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.9 38.9
 141 62.9 50.6 75.8

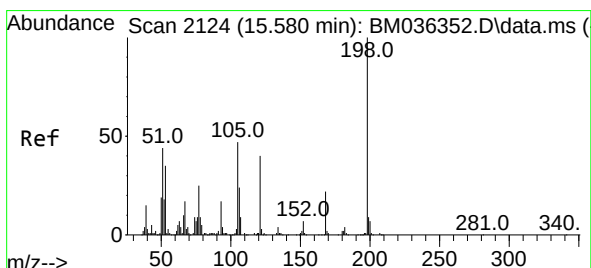
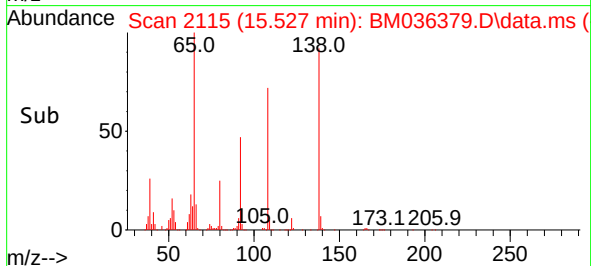
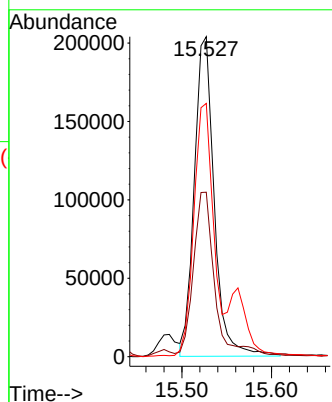
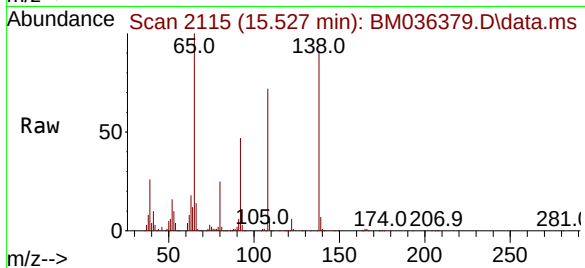




#63
4-Nitroaniline
Concen: 43.987 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

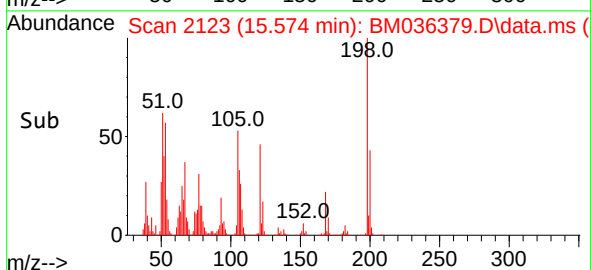
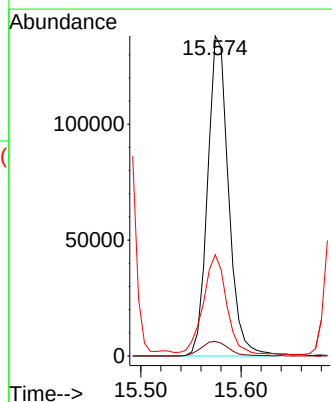
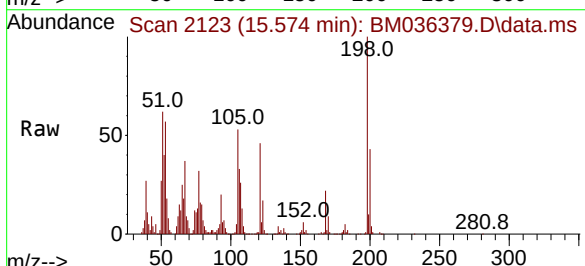
Instrument :
BNA_M
ClientSampleId :

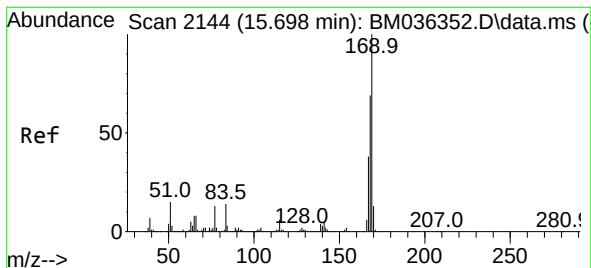
Tgt Ion:138 Resp: 314769
Ion Ratio Lower Upper
138 100
92 51.4 39.2 58.8
108 79.2 51.6 77.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 33.461 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:198 Resp: 200002
Ion Ratio Lower Upper
198 100
182 4.6 4.2 6.4
77 31.6 19.9 29.9#





#67

N-Nitrosodiphenylamine

Concen: 35.361 ng/ul

RT: 15.698 min Scan# 2144

Delta R.T. 0.000 min

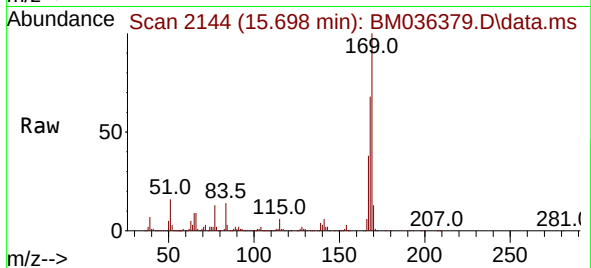
Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :



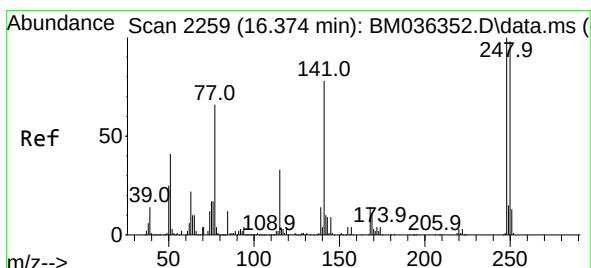
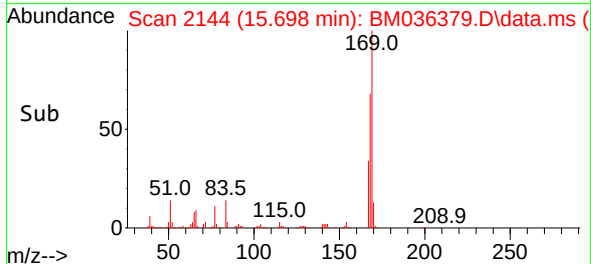
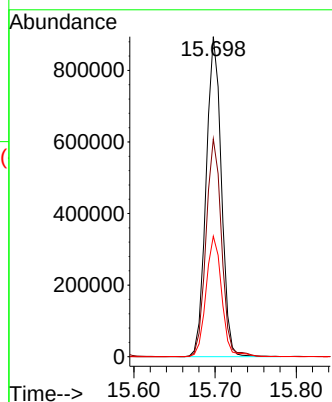
Tgt Ion:169 Resp: 1162473

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.6

167 37.7 28.7 43.1



#68

4-Bromophenyl-phenylether

Concen: 34.560 ng/ul

RT: 16.374 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

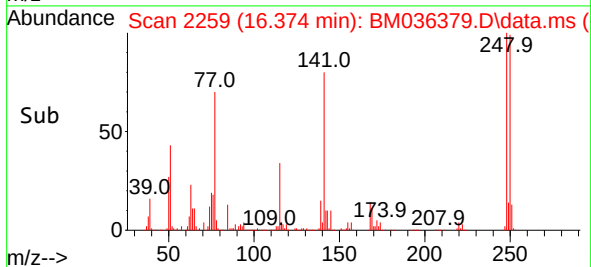
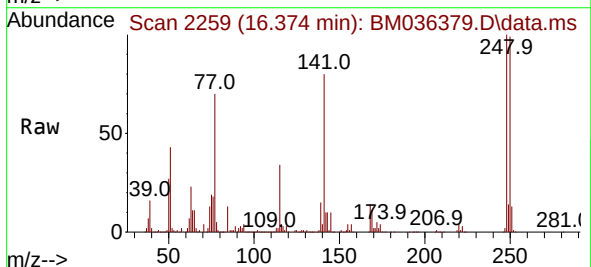
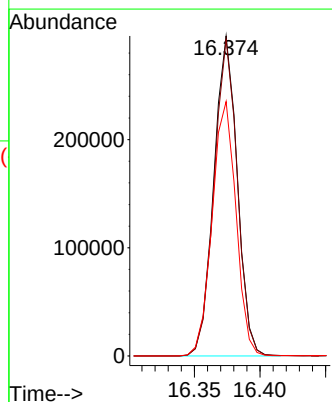
Tgt Ion:248 Resp: 367980

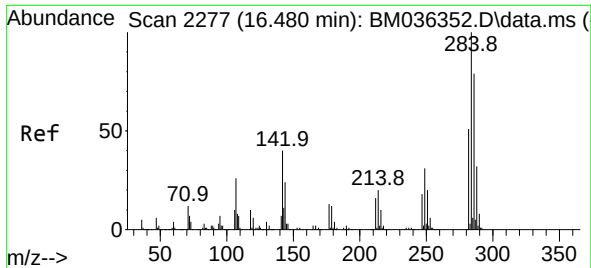
Ion Ratio Lower Upper

248 100

250 98.9 77.3 115.9

141 79.5 59.8 89.8

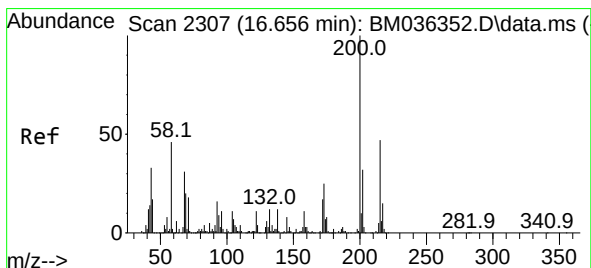
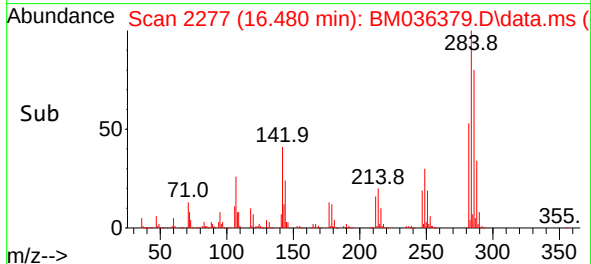
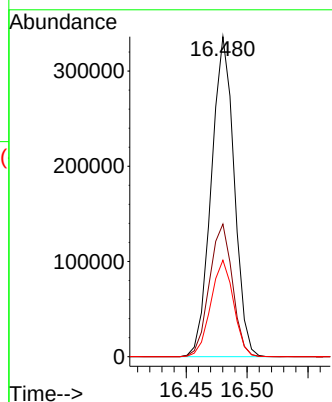
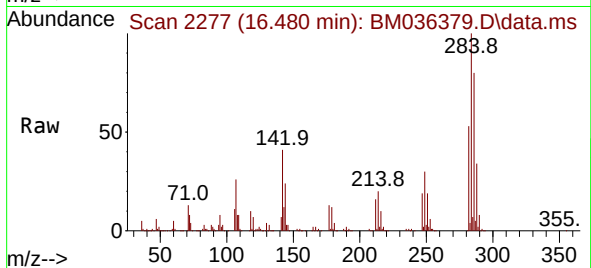




#69
Hexachlorobenzene
Concen: 34.093 ng/u1
RT: 16.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

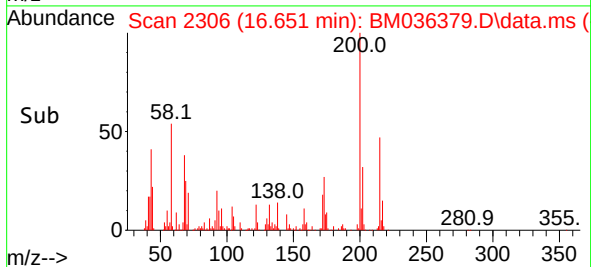
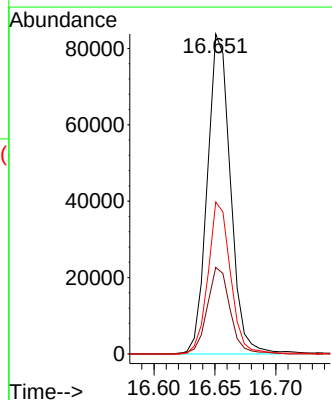
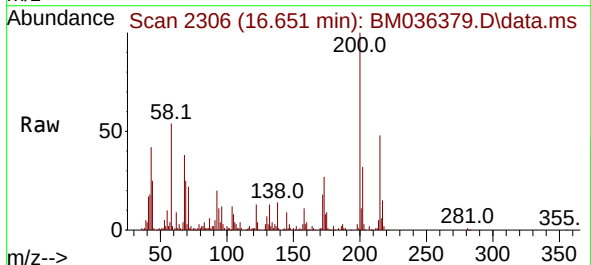
Instrument :
BNA_M
ClientSampleId :

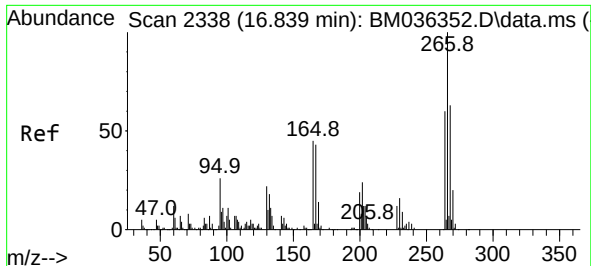
Tgt Ion:284 Resp: 439916
Ion Ratio Lower Upper
284 100
142 41.5 28.6 42.8
249 30.1 24.6 37.0



#70
Atrazine
Concen: 9.831 ng/u1
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:200 Resp: 110426
Ion Ratio Lower Upper
200 100
173 27.0 21.3 31.9
215 47.5 39.0 58.6

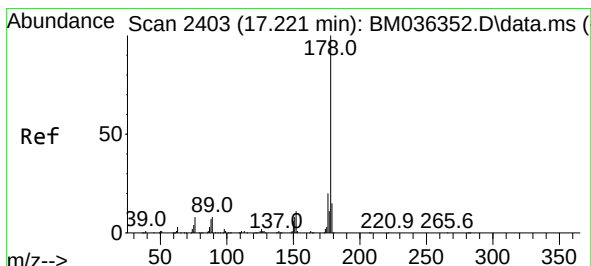
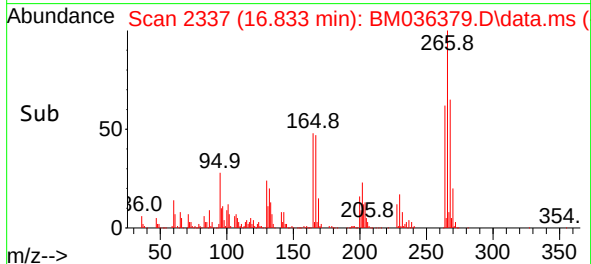
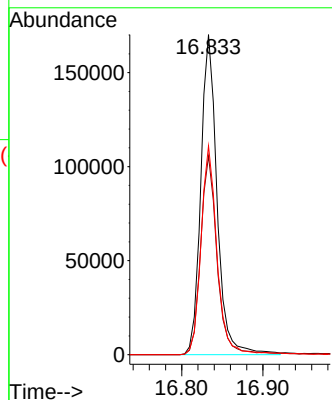
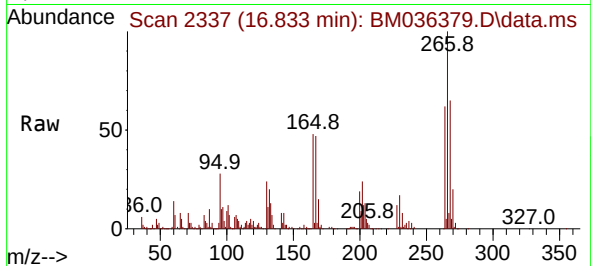




#71
 Pentachlorophenol
 Concen: 33.450 ng/ul
 RT: 16.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

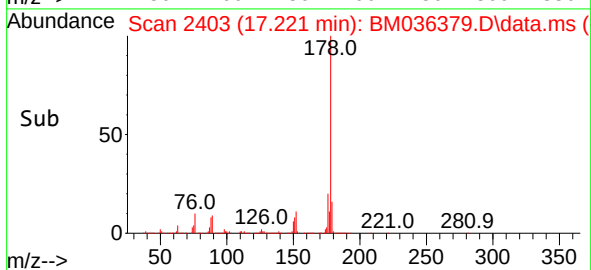
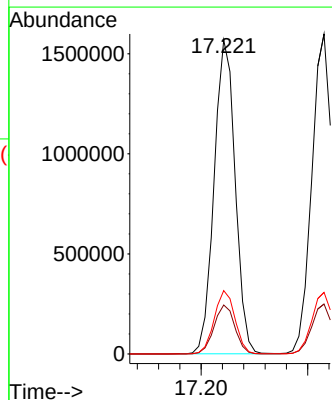
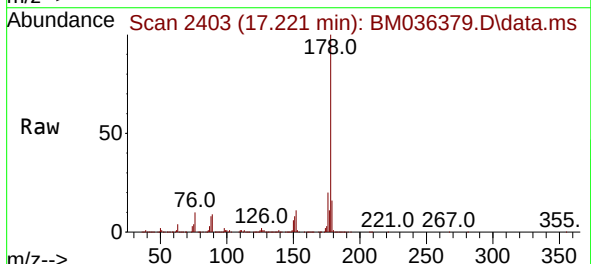
Instrument :
 BNA_M
 ClientSampleId :

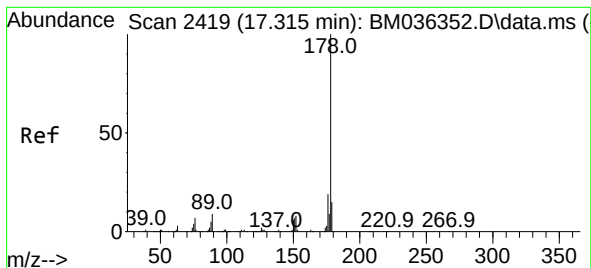
Tgt Ion:266 Resp: 237954
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.5 74.3
 268 65.2 51.0 76.4



#72
 Phenanthrene
 Concen: 35.634 ng/ul
 RT: 17.221 min Scan# 2403
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

Tgt Ion:178 Resp: 2154154
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.2
 176 20.2 14.9 22.3





#74

Anthracene

Concen: 36.267 ng/uI

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

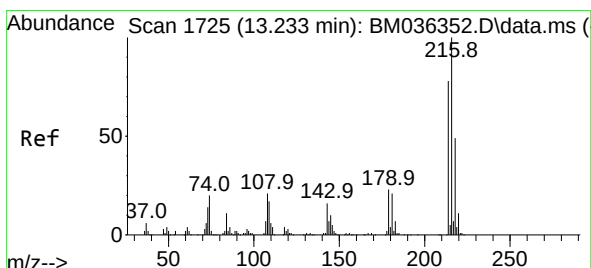
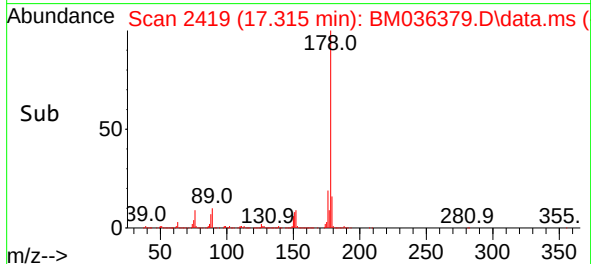
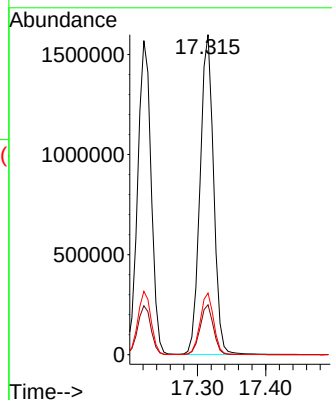
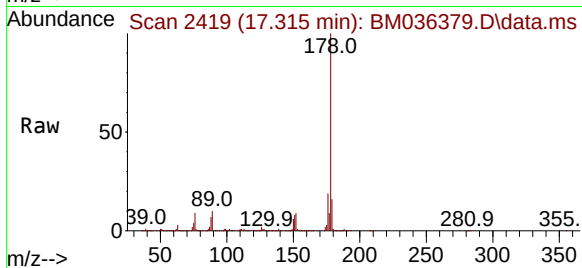
Tgt Ion:178 Resp: 2197950

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.3 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.563 ng/uI

RT: 13.233 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

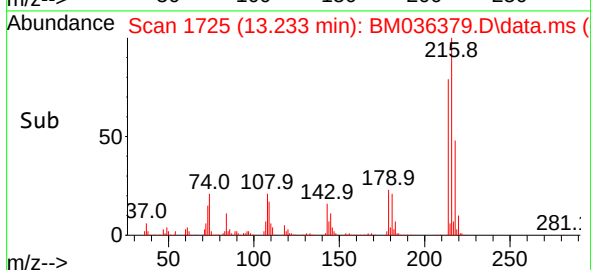
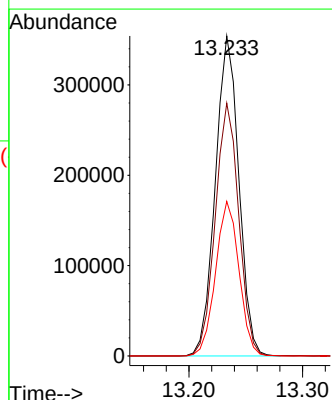
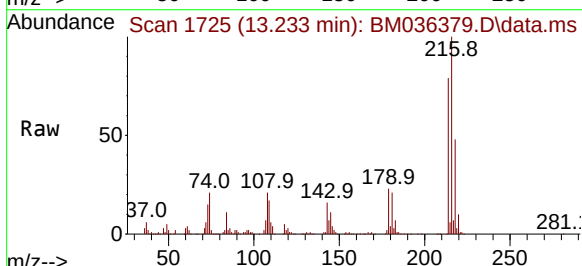
Tgt Ion:216 Resp: 510073

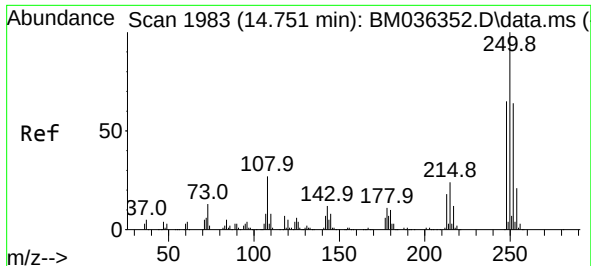
Ion Ratio Lower Upper

216 100

214 79.0 60.9 91.3

218 48.3 37.5 56.3

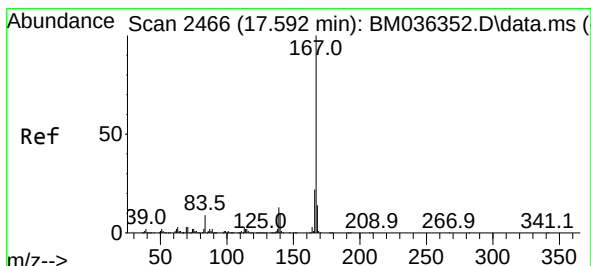
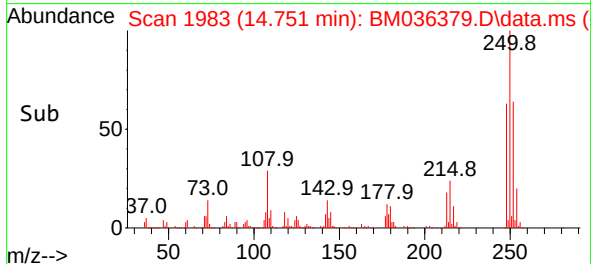
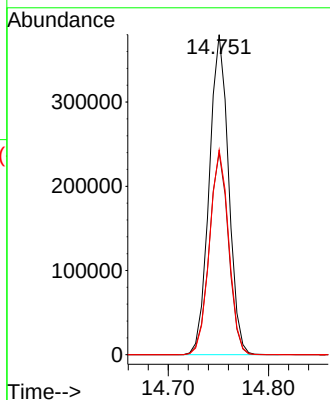
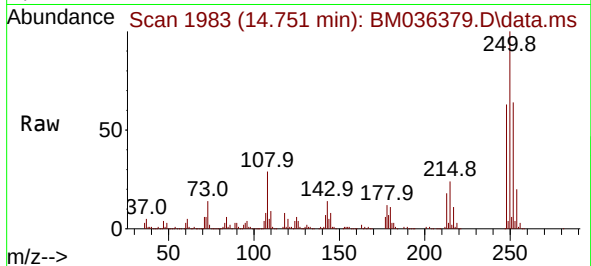




#76
 Pentachlorobenzene
 Concen: 31.625 ng/uL
 RT: 14.751 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

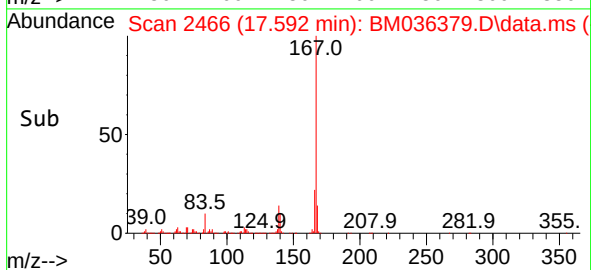
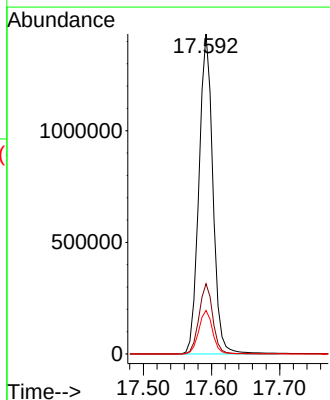
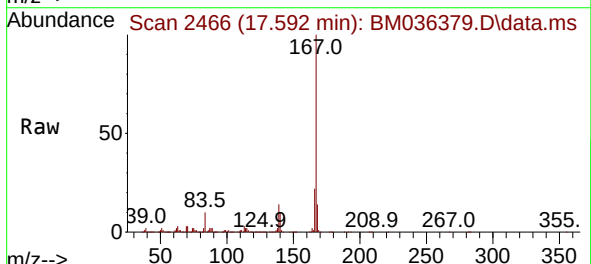
Instrument :
 BNA_M
 ClientSampleId :

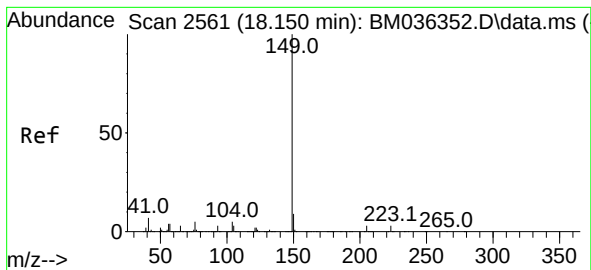
Tgt Ion:250 Resp: 509494
 Ion Ratio Lower Upper
 250 100
 248 63.2 50.4 75.6
 252 64.0 51.1 76.7



#77
 Carbazole
 Concen: 35.886 ng/uL
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

Tgt Ion:167 Resp: 2036316
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.6 10.1 15.1





#78

Di-n-butylphthalate

Concen: 38.811 ng/ul

RT: 18.151 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

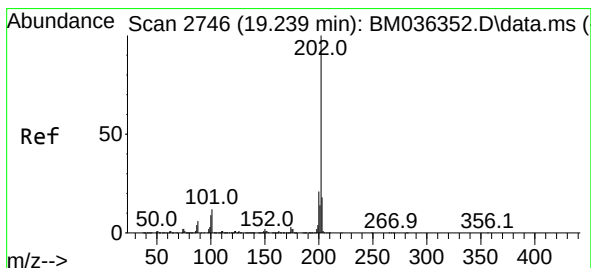
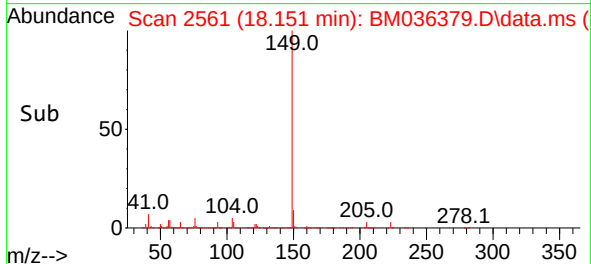
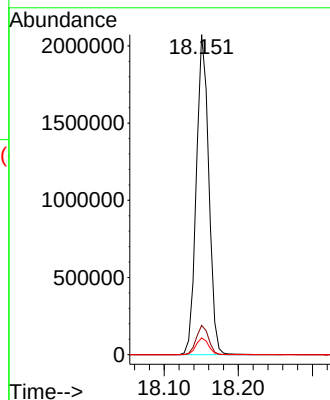
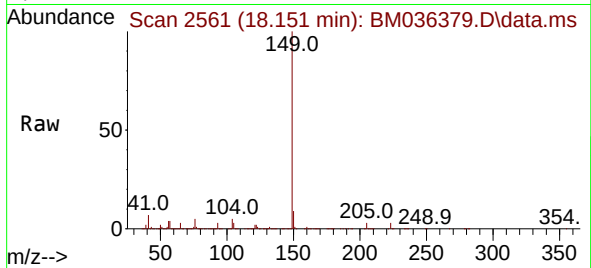
Tgt Ion:149 Resp: 2408773

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.2 3.7 5.5



#80

Fluoranthene

Concen: 35.354 ng/ul

RT: 19.239 min Scan# 2746

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

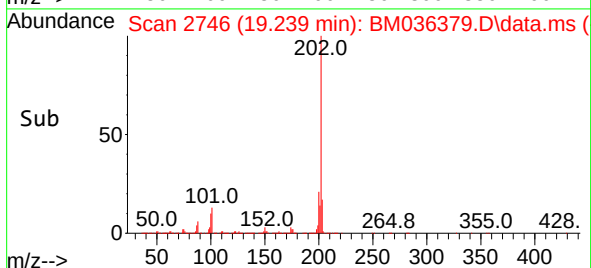
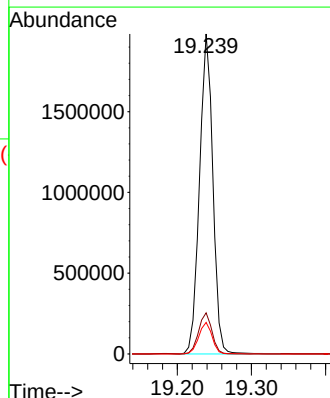
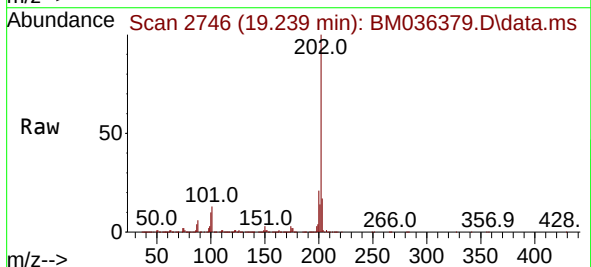
Tgt Ion:202 Resp: 2470030

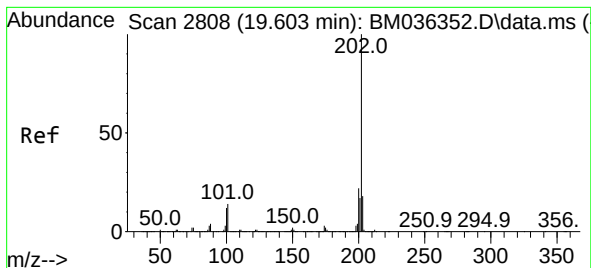
Ion Ratio Lower Upper

202 100

101 12.8 10.1 15.1

100 9.8 7.8 11.6





#82

Pyrene

Concen: 35.093 ng/ul

RT: 19.603 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

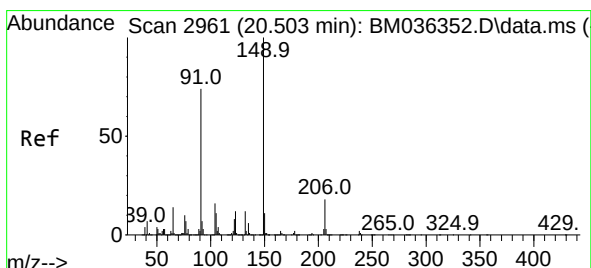
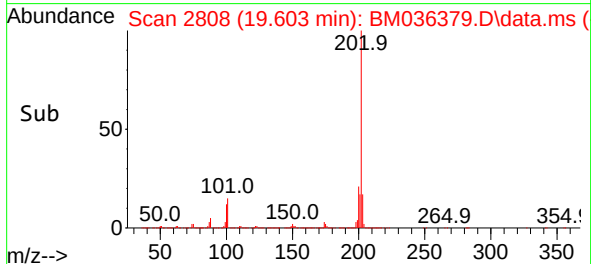
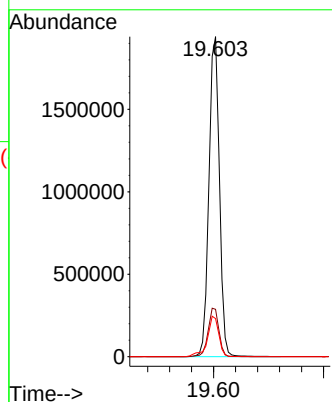
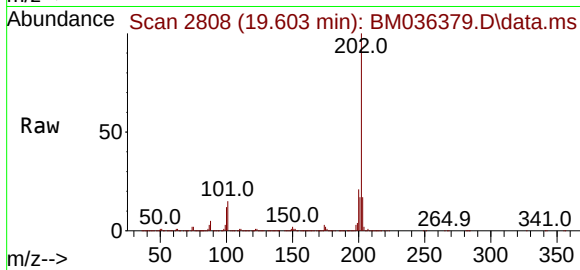
Tgt Ion:202 Resp: 2558574

Ion Ratio Lower Upper

202 100

101 14.8 11.9 17.9

100 11.9 10.2 15.4



#83

Butylbenzylphthalate

Concen: 37.977 ng/ul

RT: 20.503 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

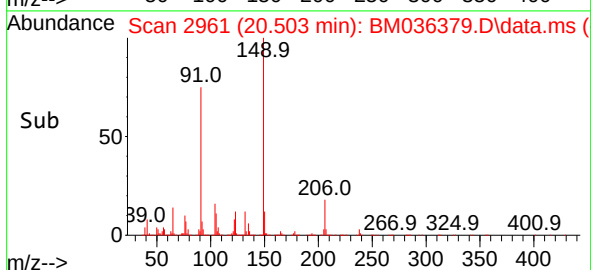
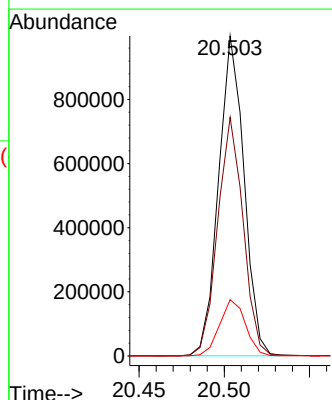
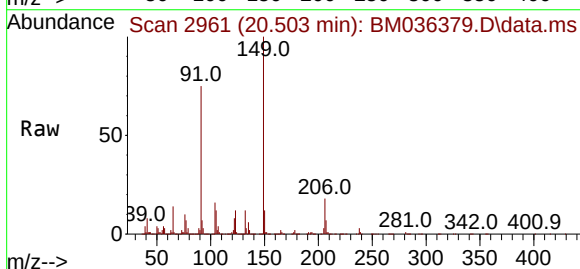
Tgt Ion:149 Resp: 1035847

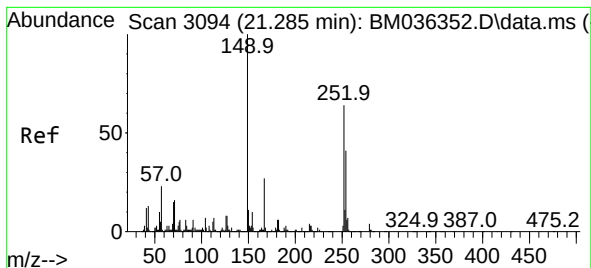
Ion Ratio Lower Upper

149 100

91 74.6 53.2 79.8

206 17.6 16.0 24.0





#84

3,3'-Dichlorobenzidine

Concen: 35.795 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

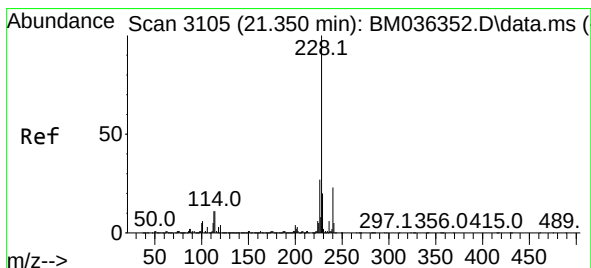
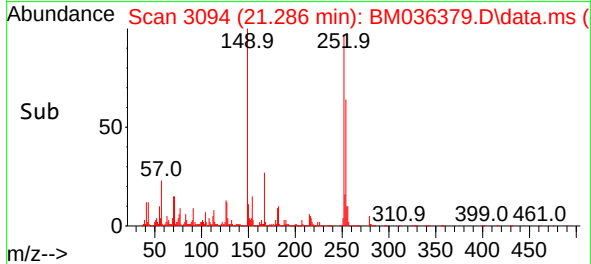
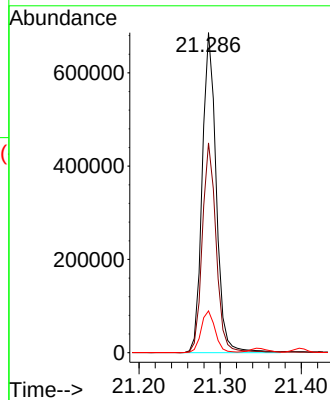
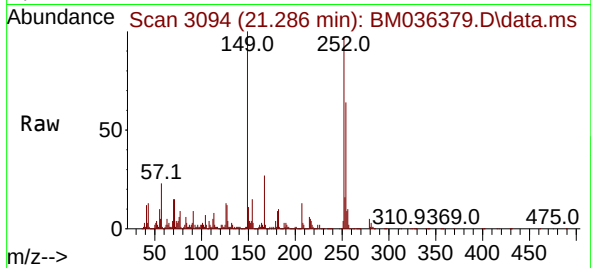
Tgt Ion:252 Resp: 821454

Ion Ratio Lower Upper

252 100

254 65.5 52.4 78.6

126 13.1 10.8 16.2



#85

Benzo(a)anthracene

Concen: 35.502 ng/ul

RT: 21.344 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

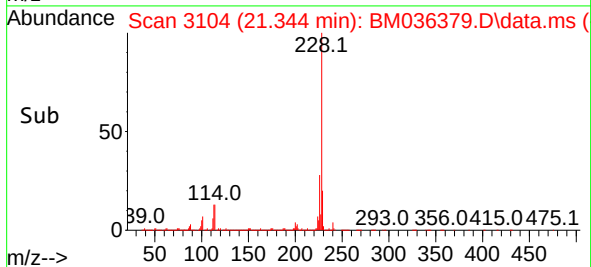
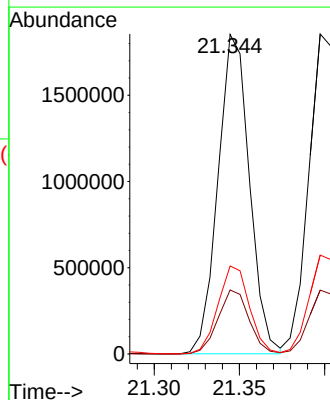
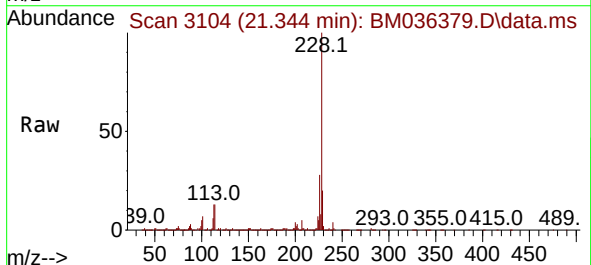
Tgt Ion:228 Resp: 2377578

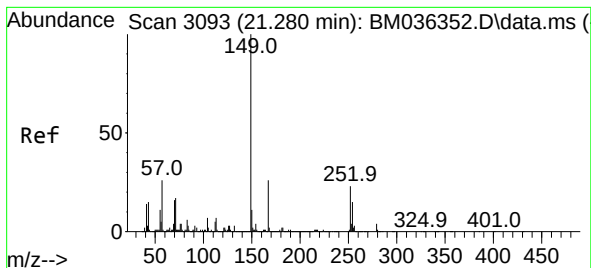
Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 27.5 21.7 32.5

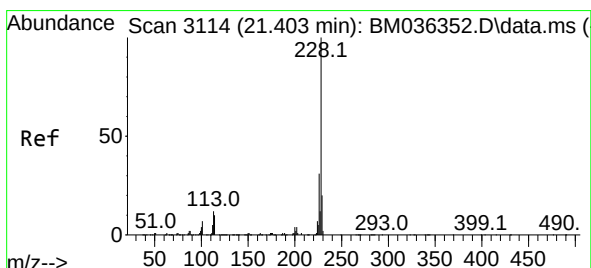
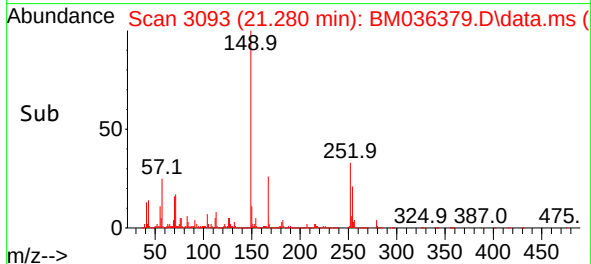
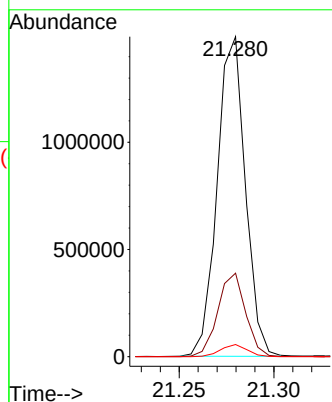
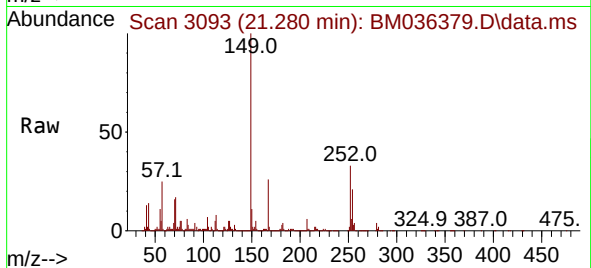




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 41.002 ng/ul
 RT: 21.280 min Scan# 3093
 Delta R.T. 0.000 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

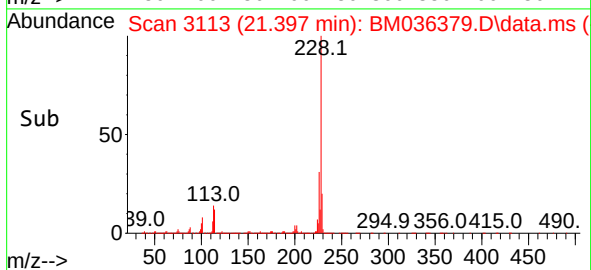
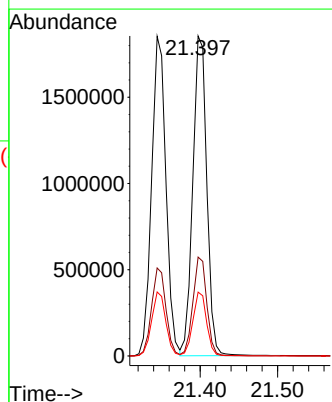
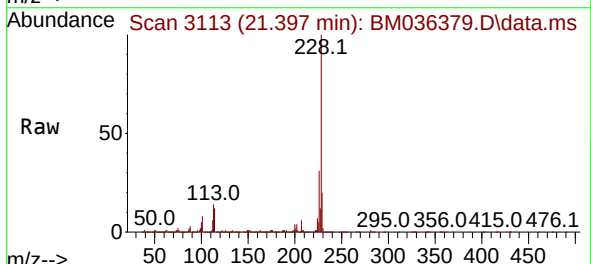
Instrument :
 BNA_M
 ClientSampleId :

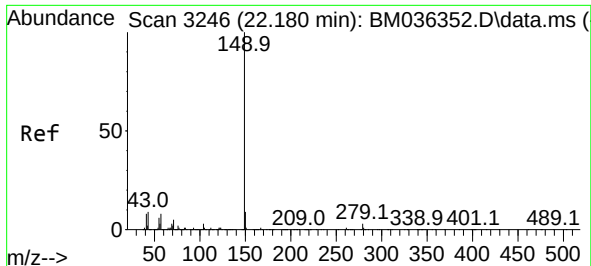
Tgt Ion:149 Resp: 1544099
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.5 32.3
 279 3.8 3.4 5.2



#87
 Chrysene
 Concen: 35.280 ng/ul
 RT: 21.397 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BM036379.D
 Acq: 22 Aug 2022 23:34

Tgt Ion:228 Resp: 2321588
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.7 35.5
 229 19.9 15.5 23.3

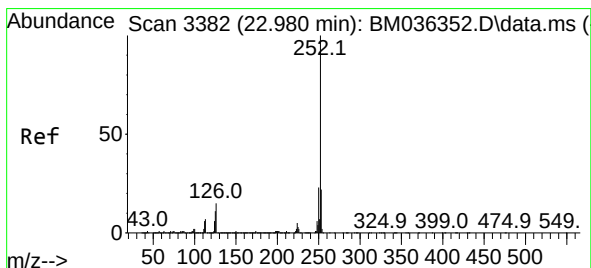
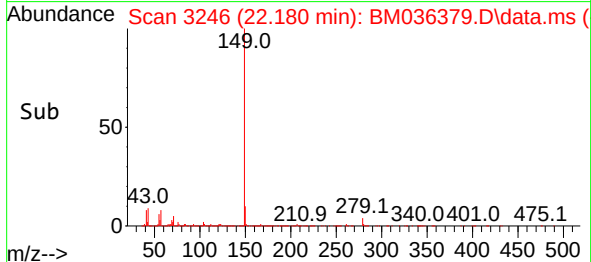
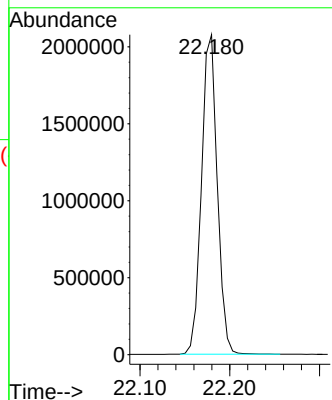
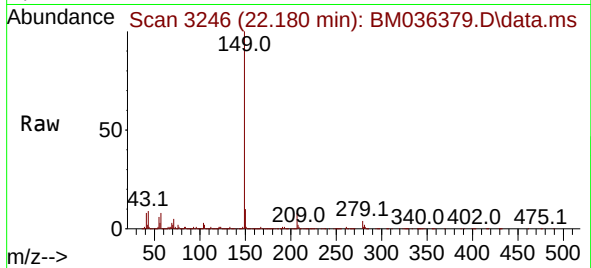




#89
Di-n-octyl phthalate
Concen: 39.267 ng/ul
RT: 22.180 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

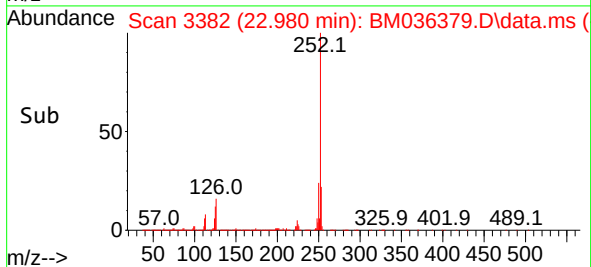
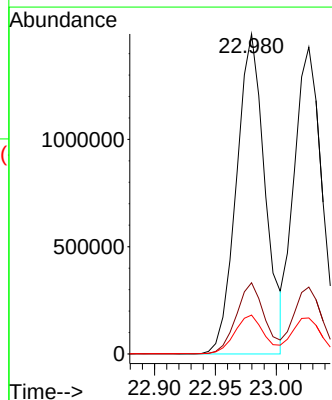
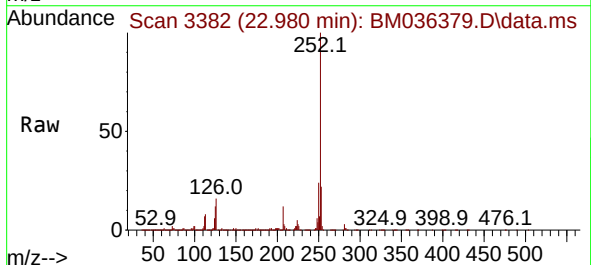
Instrument :
BNA_M
ClientSampleId :

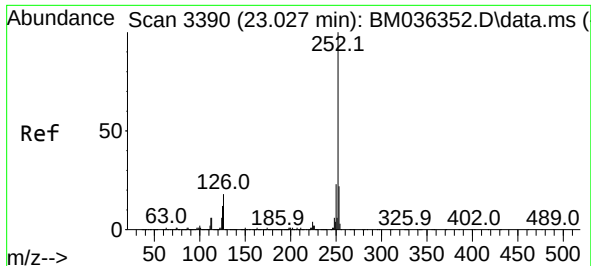
Tgt Ion:149 Resp: 2534082



#90
Benzo(b)fluoranthene
Concen: 36.878 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

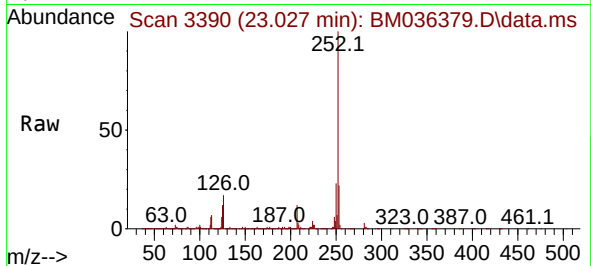
Tgt Ion:252 Resp: 2440850
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.2 10.7 16.1



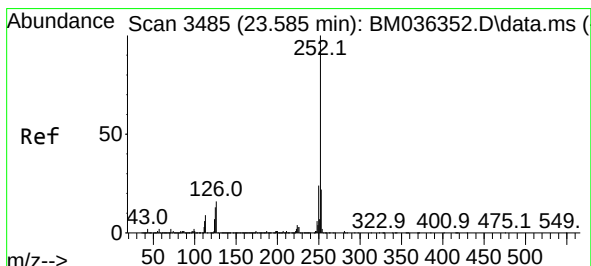
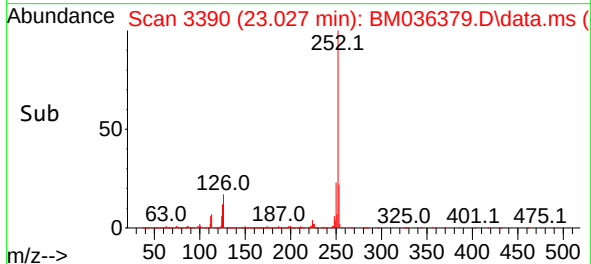
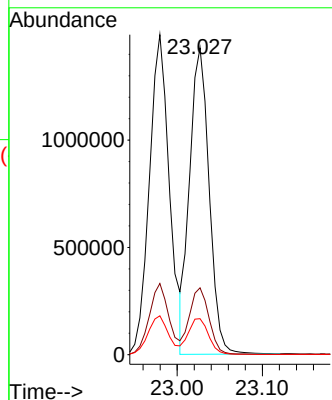


#91
Benzo(k)fluoranthene
Concen: 36.153 ng/u1
RT: 23.027 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Instrument :
BNA_M
ClientSampleId :

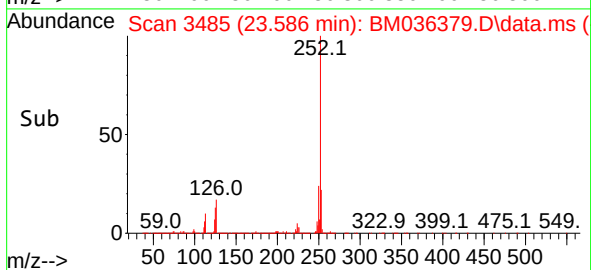
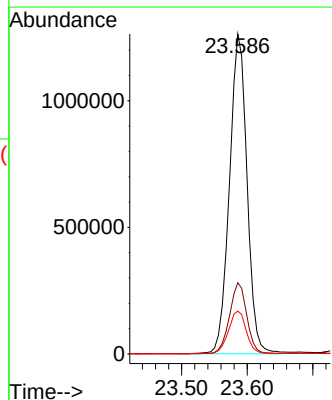
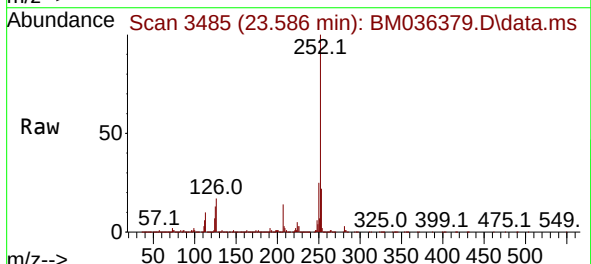


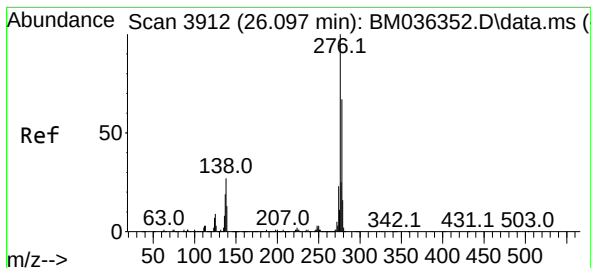
Tgt Ion:252 Resp: 2276531
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.8 10.6 15.8



#93
Benzo(a)pyrene
Concen: 36.166 ng/u1
RT: 23.586 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM036379.D
Acq: 22 Aug 2022 23:34

Tgt Ion:252 Resp: 2354875
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.4 11.8 17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 34.878 ng/ul

RT: 26.103 min Scan# 3912

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :

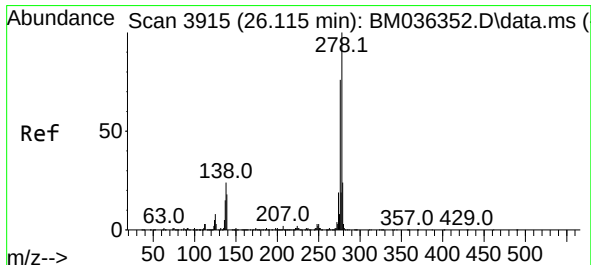
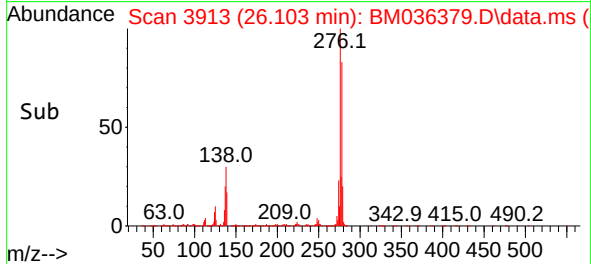
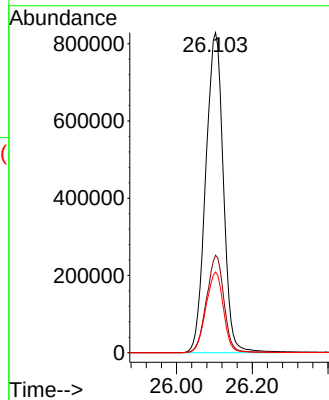
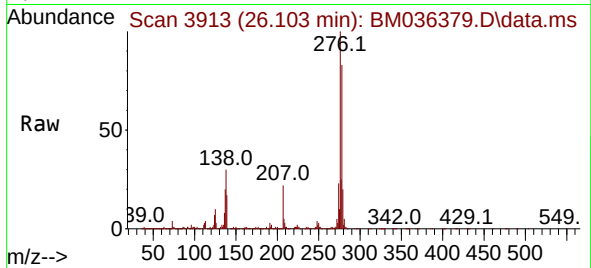
Tgt Ion:276 Resp: 2670177

Ion Ratio Lower Upper

276 100

138 30.5 25.6 38.4

277 25.2 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 34.998 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

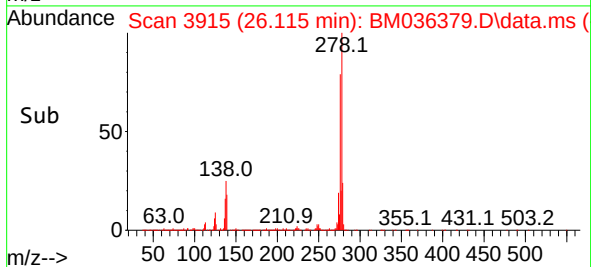
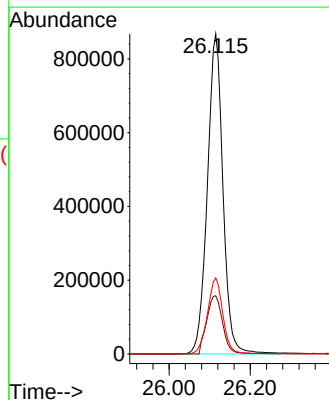
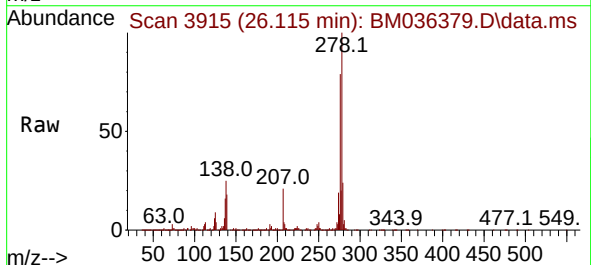
Tgt Ion:278 Resp: 2308085

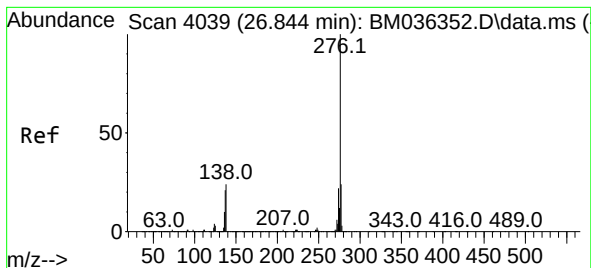
Ion Ratio Lower Upper

278 100

139 18.2 16.2 24.2

279 23.8 18.7 28.1





#96

Benzo(g,h,i)perylene

Concen: 34.159 ng/ul

RT: 26.844 min Scan# 4039

Delta R.T. 0.006 min

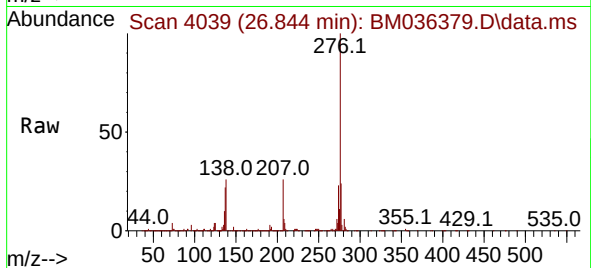
Lab File: BM036379.D

Acq: 22 Aug 2022 23:34

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 2236312

Ion Ratio Lower Upper

276 100

138 25.6 21.3 31.9

277 23.7 18.6 28.0

