

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039198.D
 Acq On : 29 Mar 2023 02:29
 Operator : CG/JU
 Sample : SP6173
 Misc : 8270/625 SPIKE
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6173

Quant Time: Mar 29 03:52:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 29 01:28:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	359770	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1438636	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	734911	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1205242	20.000	ng	0.00
76) Chrysene-d12	21.509	240	971837	20.000	ng	0.00
86) Perylene-d12	23.927	264	1116884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	525	0.022	ng	-0.26
7) Phenol-d6	7.357	99	57	0.002	ng	0.25
23) Nitrobenzene-d5	9.016	82	111902	3.821	ng	-0.09
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.092	172	1882	0.033	ng	-0.12
79) Terphenyl-d14	19.945	244	2368	0.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	420359	39.902	ng	99
3) Pyridine	3.769	79	1109898	37.988	ng	99
4) n-Nitrosodimethylamine	3.681	42	493142	41.478	ng	91
6) Aniline	7.263	93	1682519	41.661	ng	99
8) 2-Chlorophenol	7.504	128	1307264	51.854	ng	97
9) Benzaldehyde	7.075	77	1031400	70.467	ng	96
10) Phenol	7.134	94	1638280	50.157	ng	97
11) bis(2-Chloroethyl)ether	7.363	93	1255751	47.286	ng	98
12) 1,3-Dichlorobenzene	7.822	146	1361101	50.803	ng	98
13) 1,4-Dichlorobenzene	7.975	146	1386088	50.869	ng	99
14) 1,2-Dichlorobenzene	8.293	146	1327838	50.590	ng	100
15) Benzyl Alcohol	8.187	79	1105673	50.153	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1615676	48.173	ng	98
17) 2-Methylphenol	8.393	107	1064064	47.423	ng	99
18) Hexachloroethane	9.016	117	474636	47.212	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	950776	49.076	ng	96
20) 3+4-Methylphenols	8.722	107	1429720	47.721	ng	99
22) Acetophenone	8.769	105	1876344	46.487	ng	# 98
24) Nitrobenzene	9.151	77	1381503	44.878	ng	97
25) Isophorone	9.681	82	2564880	47.590	ng	99
26) 2-Nitrophenol	9.863	139	615628	45.461	ng	94
27) 2,4-Dimethylphenol	9.928	122	1174230	50.002	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	1635981	47.242	ng	99
29) 2,4-Dichlorophenol	10.404	162	1114186	50.044	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	1191926	48.991	ng	99
31) Naphthalene	10.798	128	3690922	44.993	ng	99
32) Benzoic acid	10.098	122	699477	41.481	ng	98
33) 4-Chloroaniline	10.916	127	861162	24.633	ng	99
34) Hexachlorobutadiene	11.081	225	692829	49.658	ng	99
35) Caprolactam	11.728	113	332348	49.046	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	1123367	47.384	ng	99
37) 2-Methylnaphthalene	12.410	142	2398730	43.627	ng	99
38) 1-Methylnaphthalene	12.628	142	2217535	43.037	ng	100
40) 1,2,4,5-Tetrachloroben...	12.775	216	1204652	50.422	ng	99
41) Hexachlorocyclopentadiene	12.751	237	700160	53.389	ng	98
43) 2,4,6-Trichlorophenol	13.022	196	789431	51.026	ng	99

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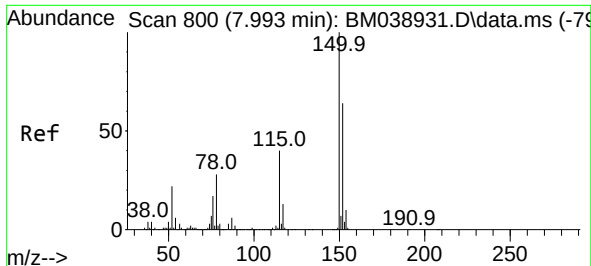
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	822217	45.404	ng	97
46) 1,1'-Biphenyl	13.416	154	2981881	47.894	ng	99
47) 2-Chloronaphthalene	13.463	162	2283577	48.640	ng	98
48) 2-Nitroaniline	13.669	65	714601	47.561	ng	96
49) Acenaphthylene	14.304	152	3393330	45.376	ng	99
50) Dimethylphthalate	14.045	163	2699545	47.737	ng	100
51) 2,6-Dinitrotoluene	14.169	165	559846	44.859	ng	92
52) Acenaphthene	14.645	154	2015733	43.860	ng	100
53) 3-Nitroaniline	14.492	138	450759	31.400	ng	96
54) 2,4-Dinitrophenol	14.704	184	172881	27.680	ng	92
55) Dibenzofuran	14.980	168	3092623	43.002	ng	100
56) 4-Nitrophenol	14.816	139	908596	80.899	ng	95
57) 2,4-Dinitrotoluene	14.951	165	691368	42.265	ng	99
58) Fluorene	15.627	166	2368215	42.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	606837	43.451	ng	97
60) Diethylphthalate	15.404	149	2613408	47.495	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1206287	43.586	ng	100
62) 4-Nitroaniline	15.657	138	585012	39.629	ng	96
63) Azobenzene	15.916	77	2521187	43.303	ng	97
65) 4,6-Dinitro-2-methylph...	15.716	198	128469	19.589	ng	94
66) n-Nitrosodiphenylamine	15.839	169	2077212	51.124	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	683114	52.475	ng	99
68) Hexachlorobenzene	16.633	284	730320	50.184	ng	99
69) Atrazine	16.792	200	661151	59.573	ng	98
70) Pentachlorophenol	16.980	266	873228	81.583	ng	100
71) Phenanthrene	17.374	178	3110377	43.971	ng	100
72) Anthracene	17.463	178	3186829	45.176	ng	100
73) Carbazole	17.733	167	2868398	44.554	ng	100
74) Di-n-butylphthalate	18.298	149	3771365	48.027	ng	99
75) Fluoranthene	19.386	202	3150537	42.183	ng	99
77) Benzidine	19.580	184	3926831	164.133	ng	98
78) Pyrene	19.751	202	3294990	45.141	ng	100
80) Butylbenzylphthalate	20.639	149	1514067	48.729	ng	99
81) Benzo(a)anthracene	21.492	228	3294658	47.075	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1350601	62.791	ng	100
83) Chrysene	21.551	228	3040484	44.668	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	2214171	49.271	ng	99
85) Di-n-octyl phthalate	22.345	149	3861181	51.544	ng	97
87) Indeno(1,2,3-cd)pyrene	26.456	276	3947405	46.447	ng	99
88) Benzo(b)fluoranthene	23.197	252	3313694	46.440	ng	100
89) Benzo(k)fluoranthene	23.245	252	3352285	45.144	ng	99
90) Benzo(a)pyrene	23.827	252	3016437	43.925	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	3286135	45.658	ng	99
92) Benzo(g,h,i)perylene	27.233	276	3248284	46.130	ng	100

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

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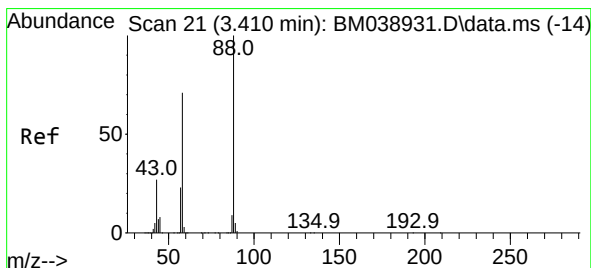
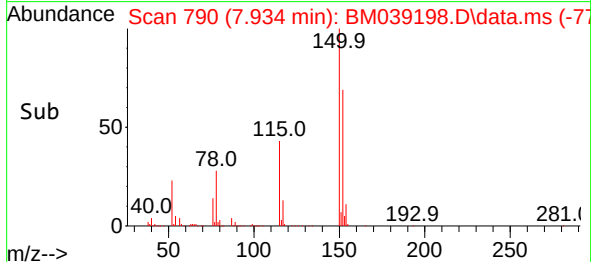
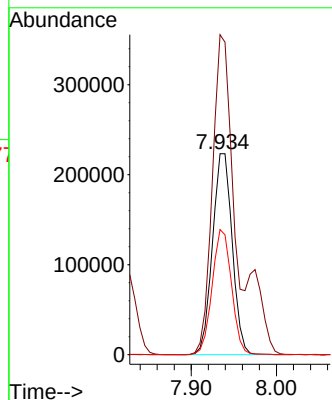
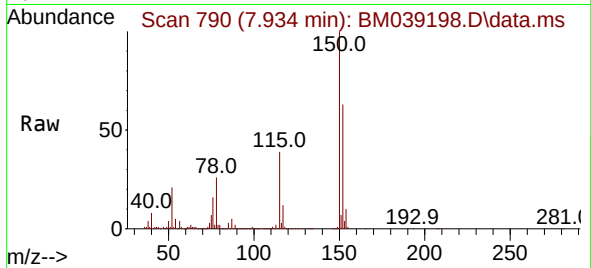




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

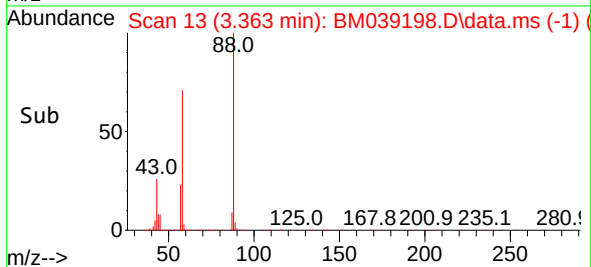
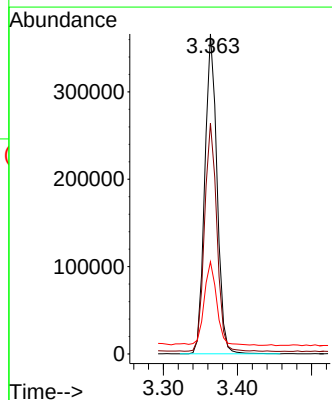
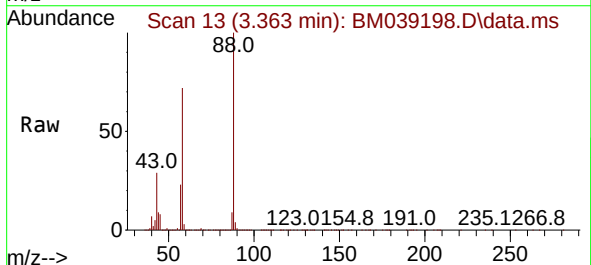
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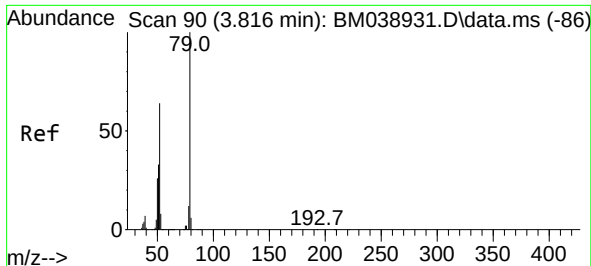
Tgt Ion:152 Resp: 359770
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.1 187.7
 115 62.2 49.6 74.4



#2
 1,4-Dioxane
 Concen: 39.902 ng
 RT: 3.363 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

Tgt Ion: 88 Resp: 420359
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.2 85.8
 43 26.7 22.0 33.0

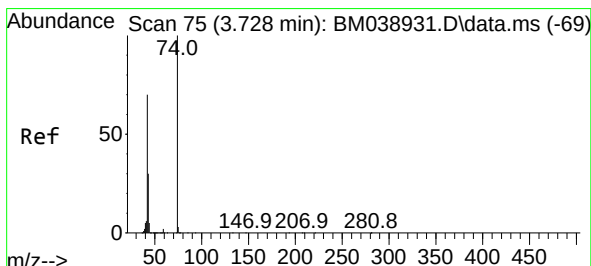
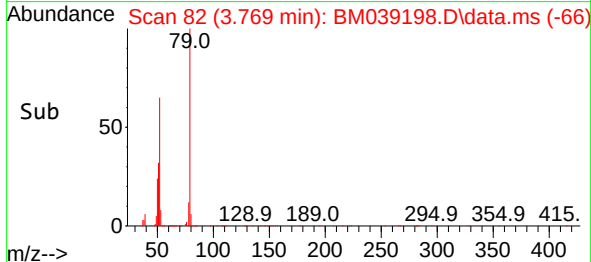
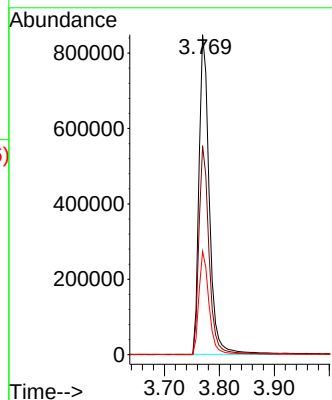
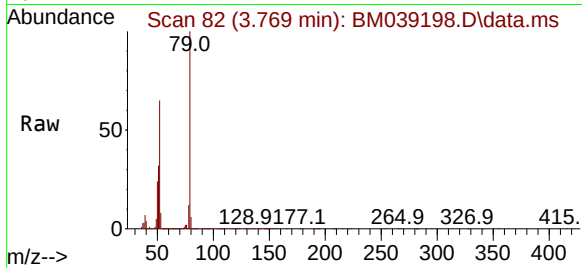




#3
Pyridine
Concen: 37.988 ng
RT: 3.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

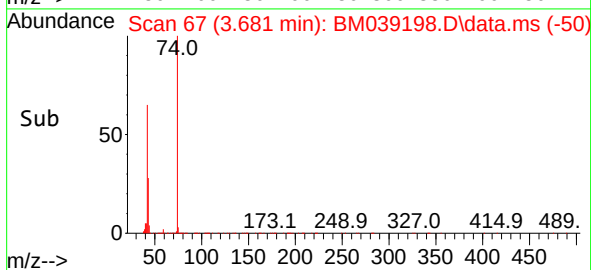
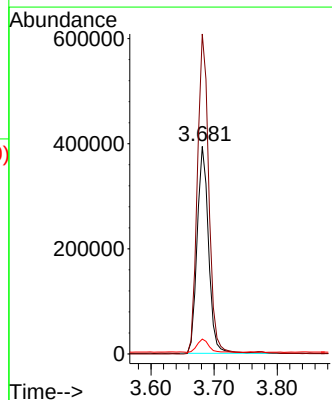
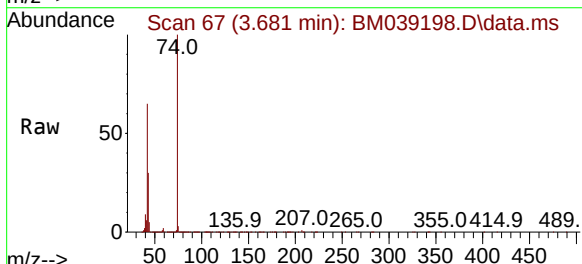
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ClientSampleId :
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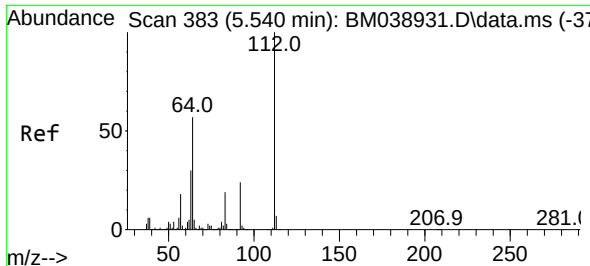
Tgt Ion: 79 Resp: 1109898
Ion Ratio Lower Upper
79 100
52 65.3 51.4 77.2
51 32.3 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 41.478 ng
RT: 3.681 min Scan# 67
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 42 Resp: 493142
Ion Ratio Lower Upper
42 100
74 154.2 113.8 170.8
44 7.2 6.2 9.2

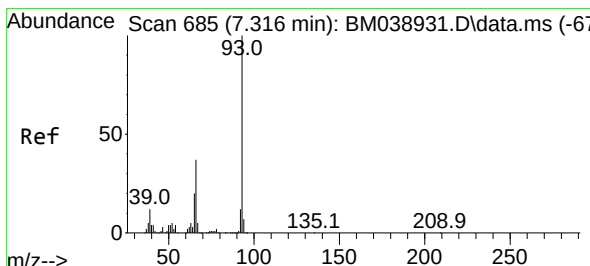
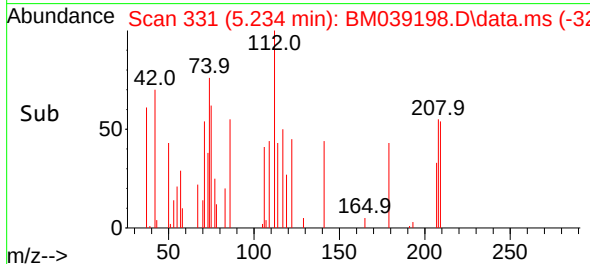
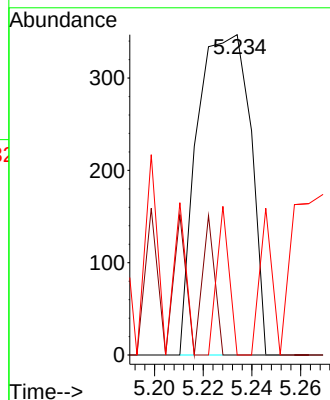
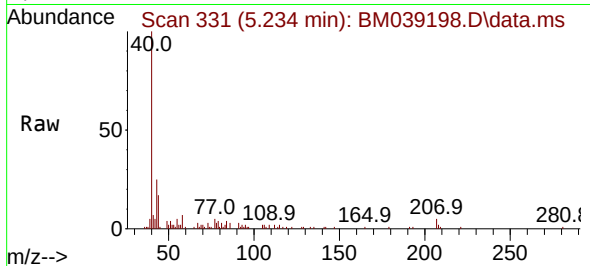




#5
2-Fluorophenol
Concen: 0.022 ng
RT: 5.234 min Scan# 31
Delta R.T. -0.265 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

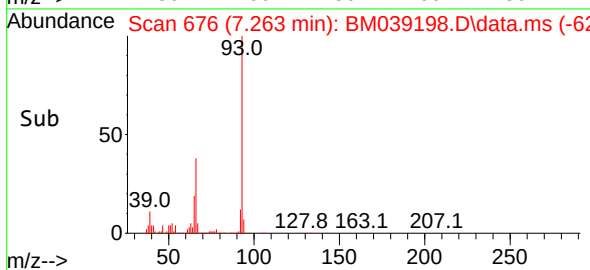
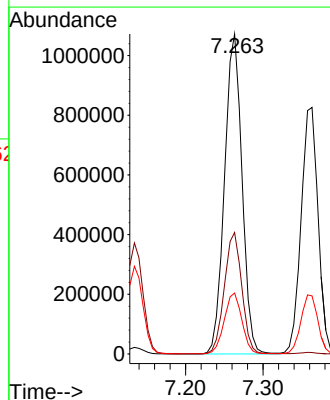
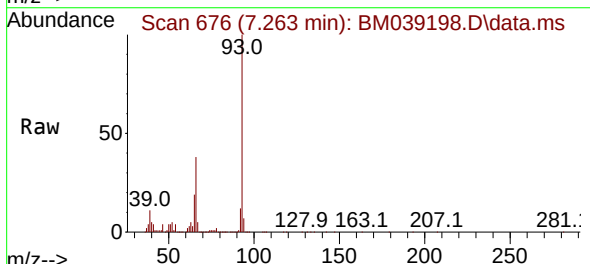
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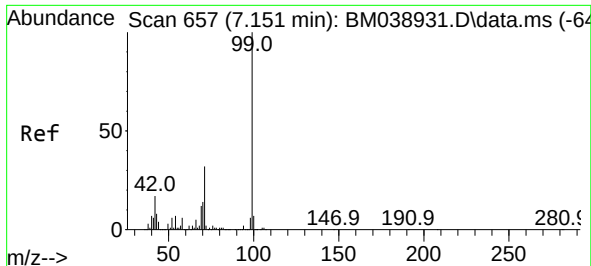
Tgt Ion:112 Resp: 525
Ion Ratio Lower Upper
112 100
64 0.0 45.9 68.9#
63 0.0 23.8 35.8#



#6
Aniline
Concen: 41.661 ng
RT: 7.263 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 93 Resp: 1682519
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.0 15.8 23.6

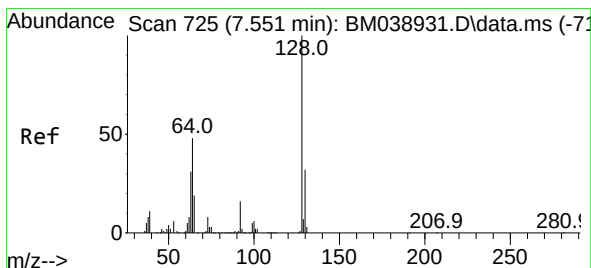
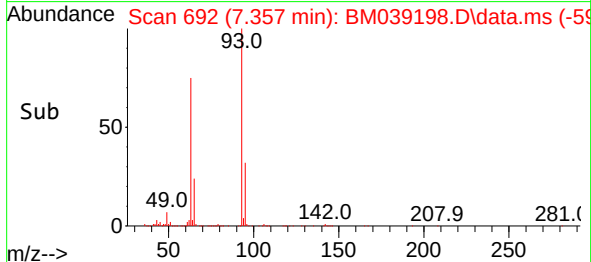
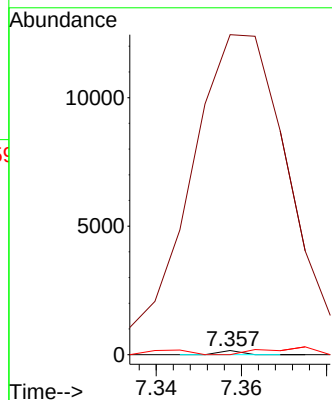
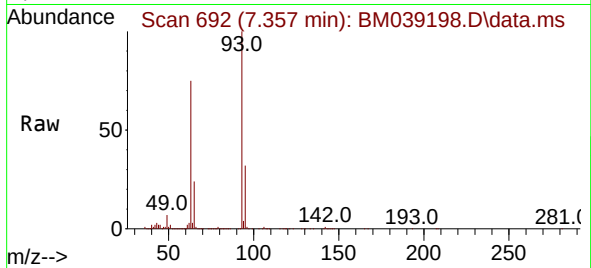




#7
Phenol-d6
Concen: 0.002 ng
RT: 7.357 min Scan# 61
Delta R.T. 0.247 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

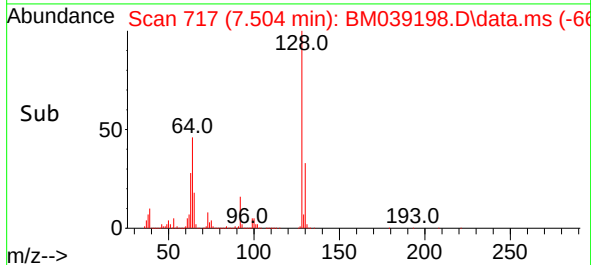
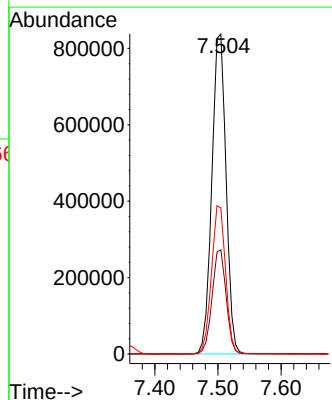
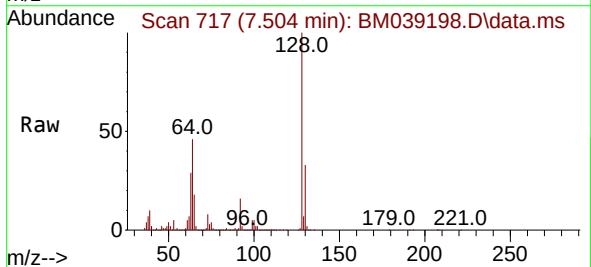
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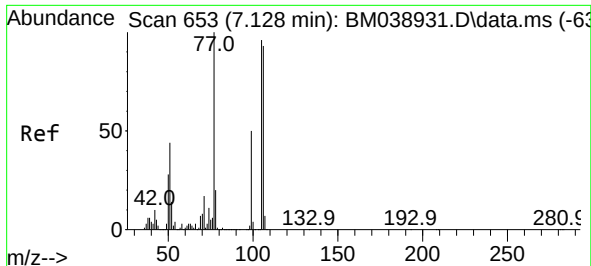
Tgt Ion: 99 Resp: 57
Ion Ratio Lower Upper
99 100
42 7685.8 13.5 20.3#
71 0.0 25.6 38.4#



#8
2-Chlorophenol
Concen: 51.854 ng
RT: 7.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:128 Resp: 1307264
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 45.6 28.6 68.6

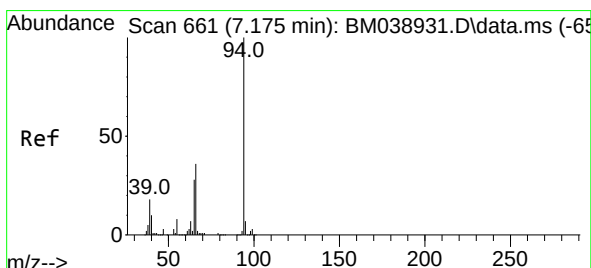
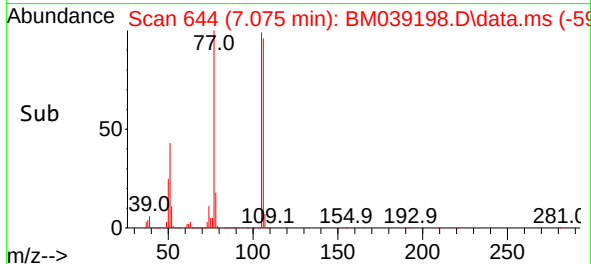
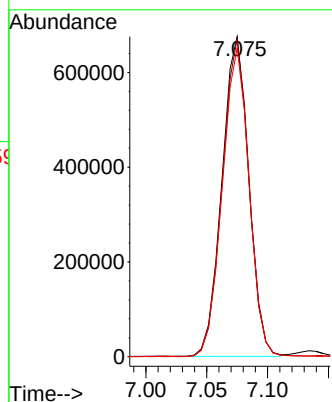
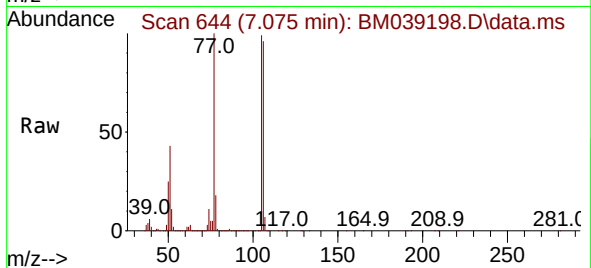




#9
Benzaldehyde
Concen: 70.467 ng
RT: 7.075 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

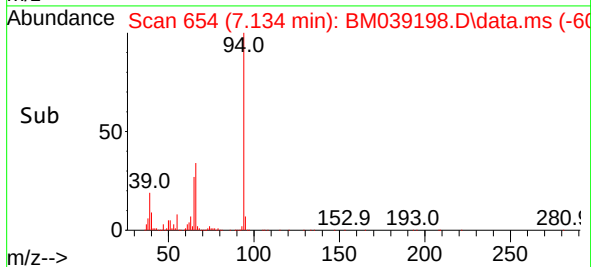
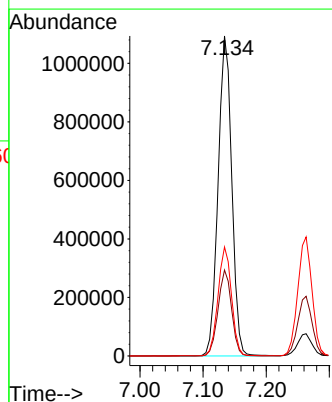
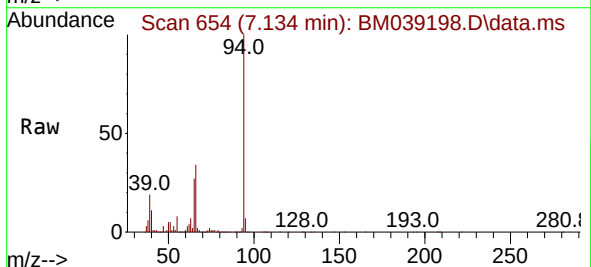
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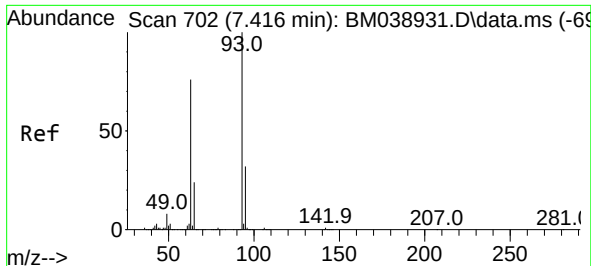
Tgt Ion: 77 Resp: 1031400
Ion Ratio Lower Upper
77 100
105 99.3 75.8 115.8
106 96.4 72.6 112.6



#10
Phenol
Concen: 50.157 ng
RT: 7.134 min Scan# 654
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 1638280
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 34.0 15.8 55.8



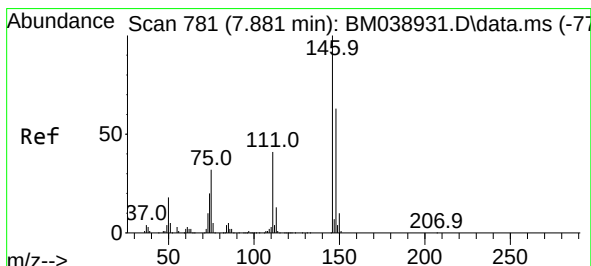
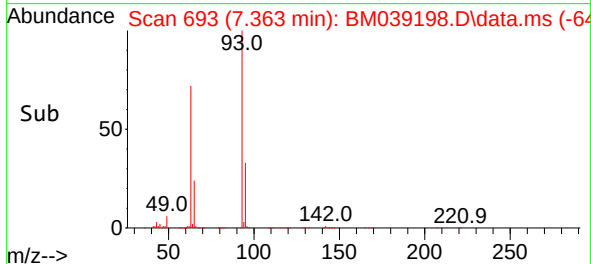
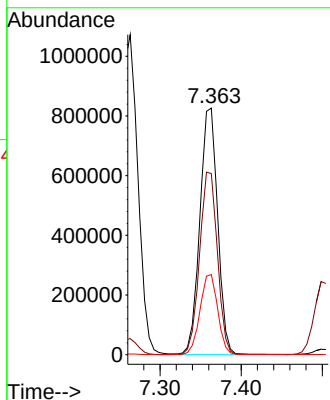
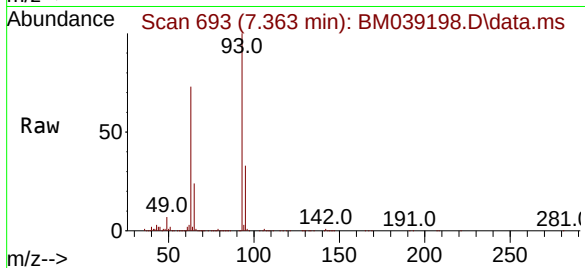


#11
bis(2-Chloroethyl)ether
Concen: 47.286 ng
RT: 7.363 min Scan# 693
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Instrument :
BNA_M
ClientSampleId :
SP6173

Tgt Ion: 93 Resp: 1255751

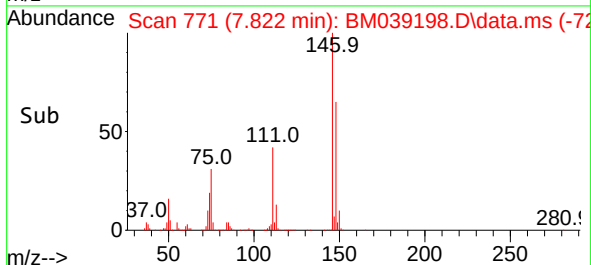
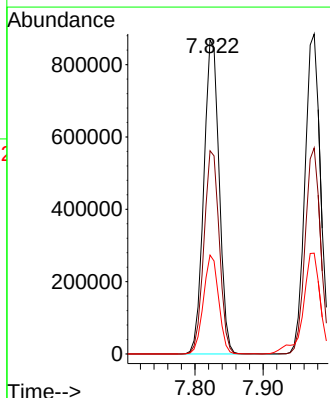
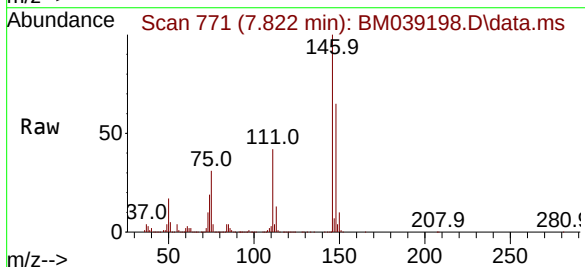
Ion	Ratio	Lower	Upper
93	100		
63	73.5	55.8	95.8
95	32.5	12.2	52.2

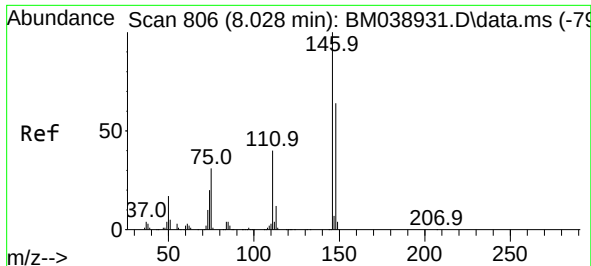


#12
1,3-Dichlorobenzene
Concen: 50.803 ng
RT: 7.822 min Scan# 771
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 146 Resp: 1361101

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	31.5	26.0	39.0

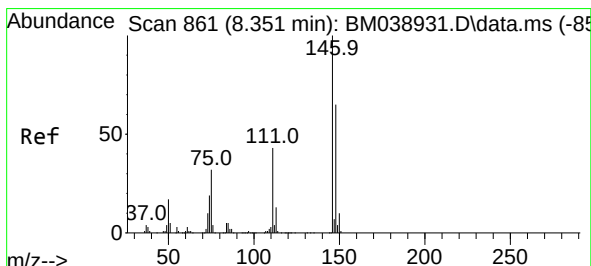
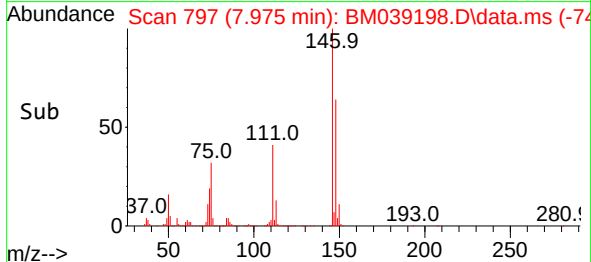
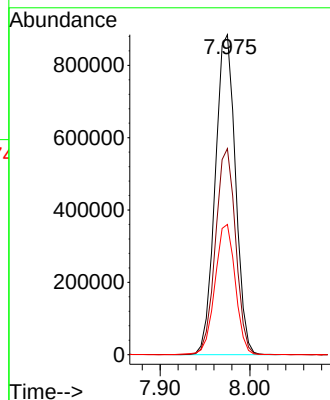
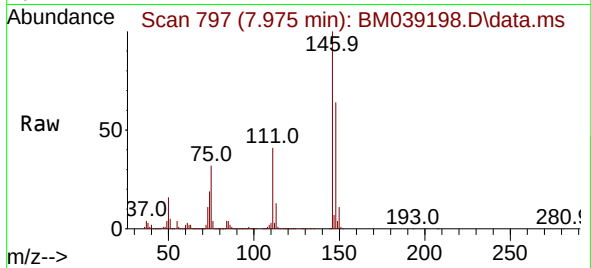




#13
1,4-Dichlorobenzene
Concen: 50.869 ng
RT: 7.975 min Scan# 797
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

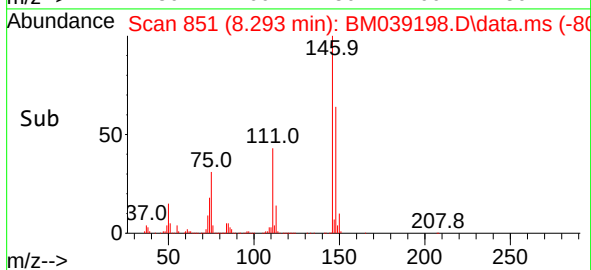
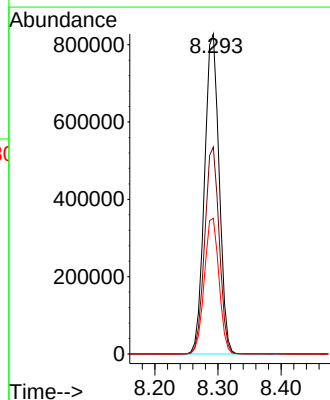
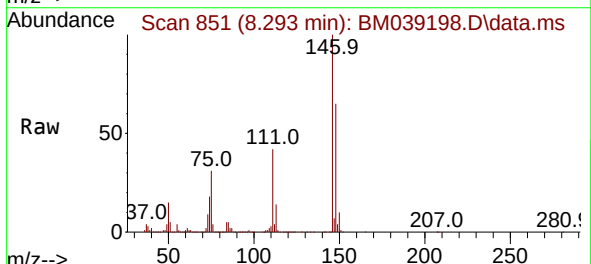
Instrument :
BNA_M
ClientSampleId :
SP6173

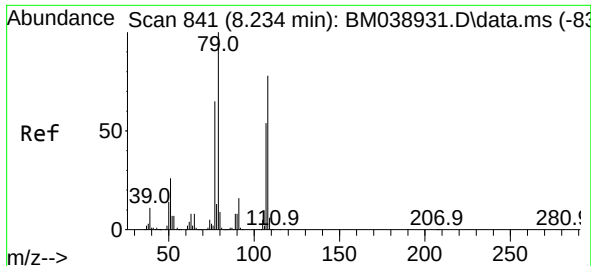
Tgt Ion:146 Resp: 1386088
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 40.7 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 50.590 ng
RT: 8.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:146 Resp: 1327838
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
111 42.4 34.2 51.4

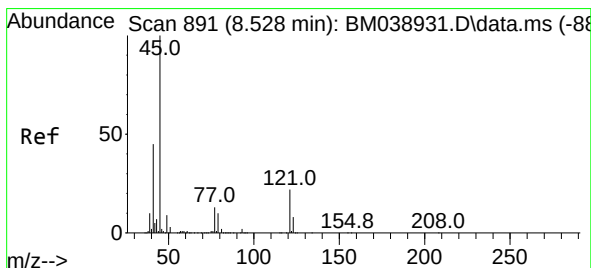
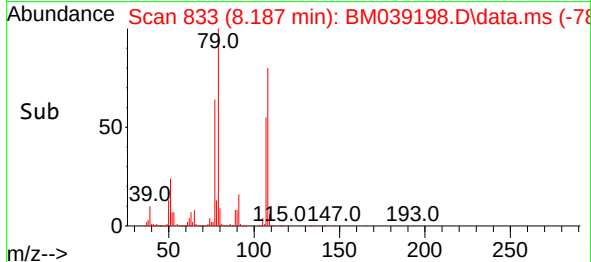
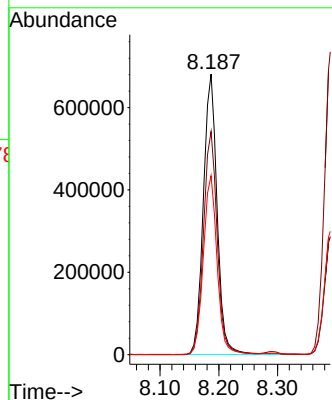
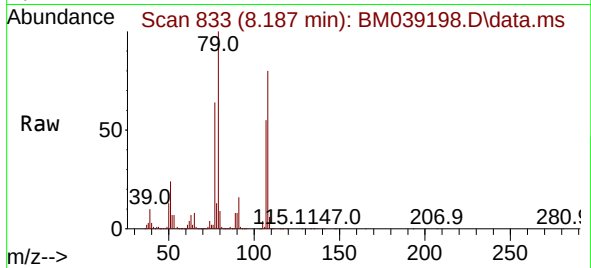




#15
Benzyl Alcohol
Concen: 50.153 ng
RT: 8.187 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

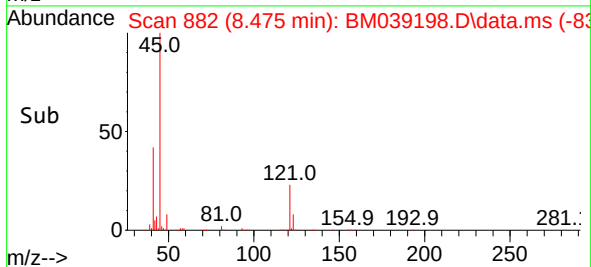
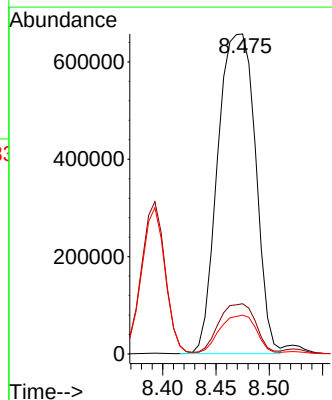
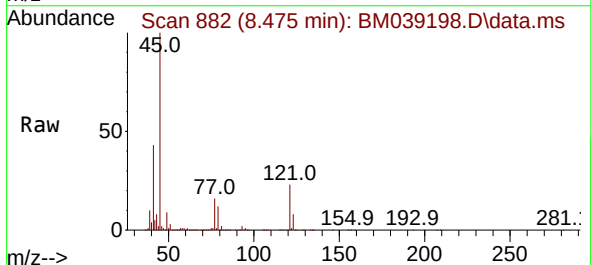
Instrument :
BNA_M
ClientSampleId :
SP6173

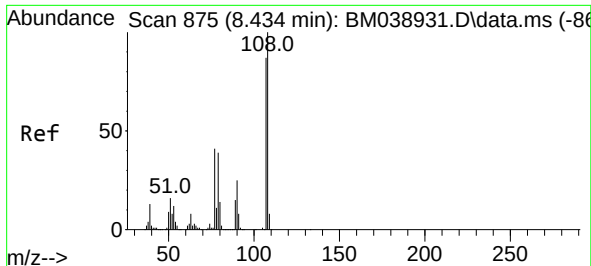
Tgt Ion: 79 Resp: 1105673
Ion Ratio Lower Upper
79 100
108 79.6 62.4 93.6
77 63.8 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.173 ng
RT: 8.475 min Scan# 882
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 45 Resp: 1615676
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.8
79 12.1 0.0 31.5



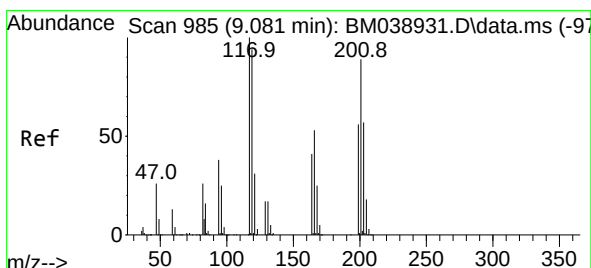
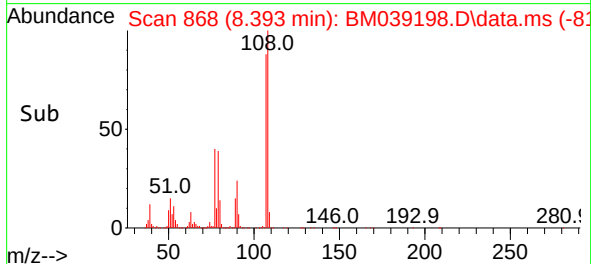
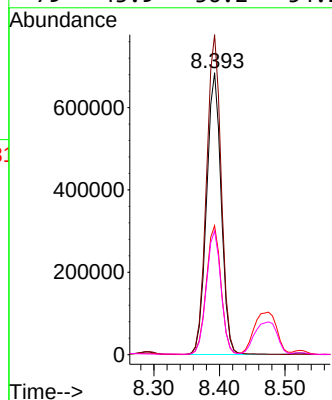
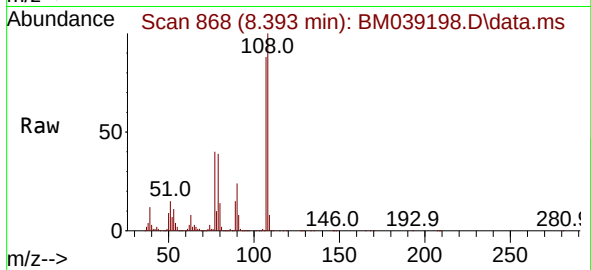


#17
2-Methylphenol
Concen: 47.423 ng
RT: 8.393 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Instrument :
BNA_M
ClientSampleId :
SP6173

Tgt Ion:107 Resp: 1064064

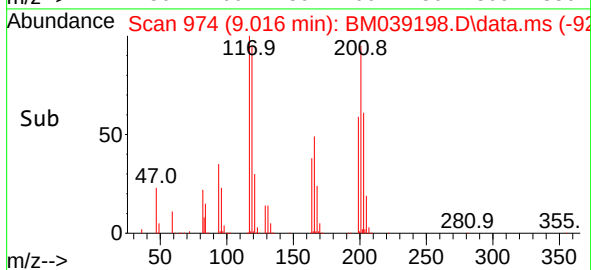
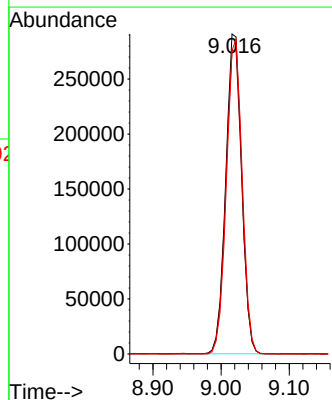
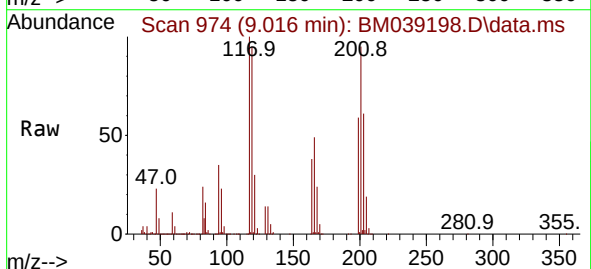
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	45.7	37.4	56.2
79	43.9	36.2	54.2

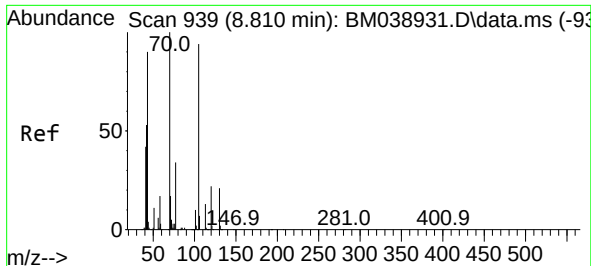


#18
Hexachloroethane
Concen: 47.212 ng
RT: 9.016 min Scan# 974
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:117 Resp: 474636

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.0
201	94.8	71.3	106.9

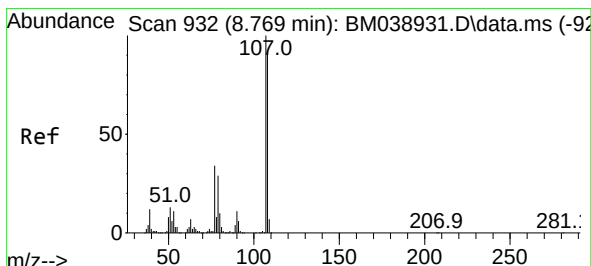
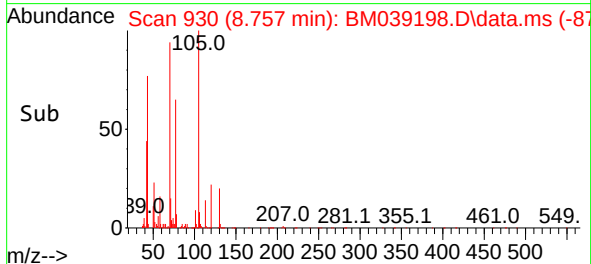
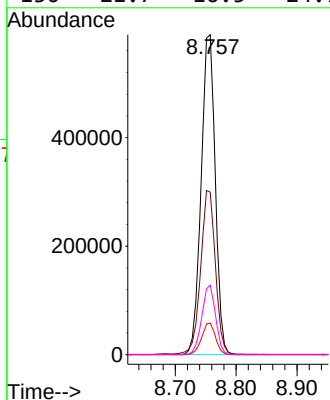
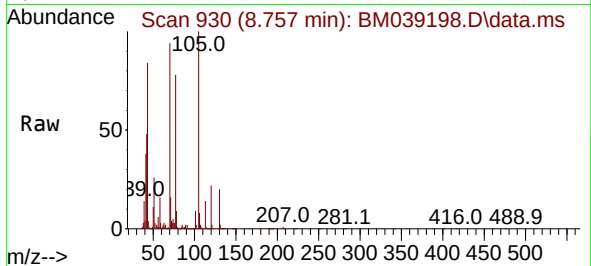




#19
n-Nitroso-di-n-propylamine
Concen: 49.076 ng
RT: 8.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

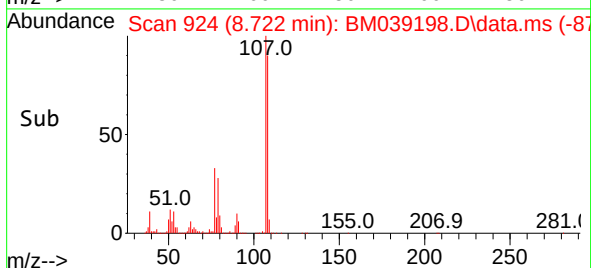
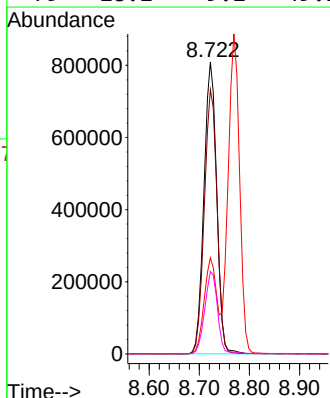
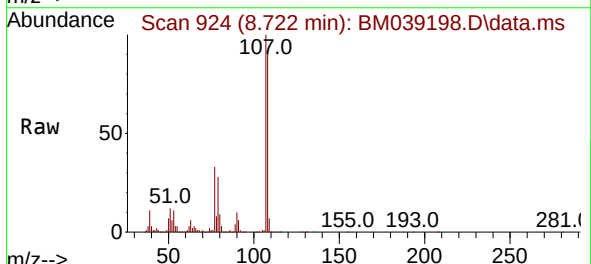
Instrument :
BNA_M
ClientSampleId :
SP6173

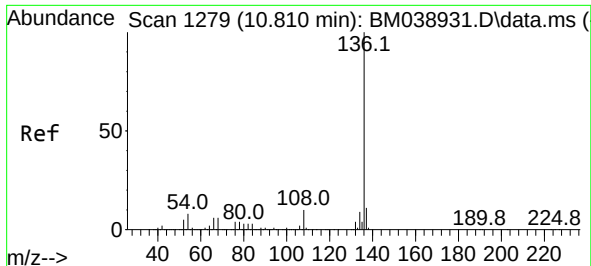
Tgt Ion: 70 Resp: 950776
Ion Ratio Lower Upper
70 100
42 50.8 43.4 65.2
101 9.8 7.6 11.4
130 21.7 16.5 24.7



#20
3+4-Methylphenols
Concen: 47.721 ng
RT: 8.722 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 107 Resp: 1429720
Ion Ratio Lower Upper
107 100
108 90.5 71.8 111.8
77 33.0 13.6 53.6
79 28.2 9.2 49.2

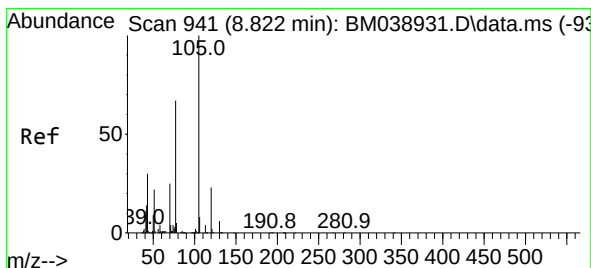
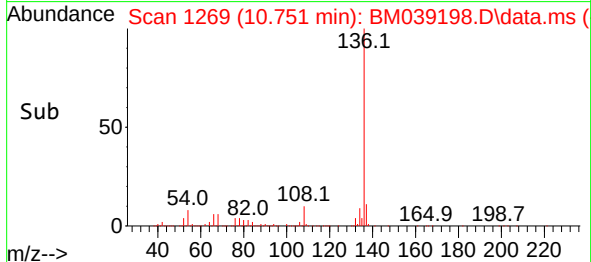
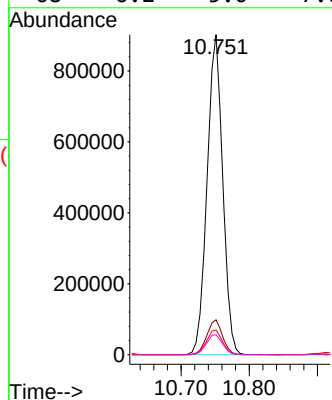
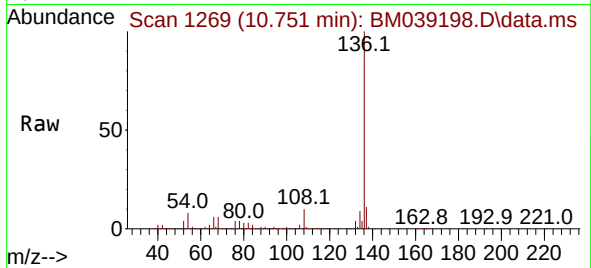




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

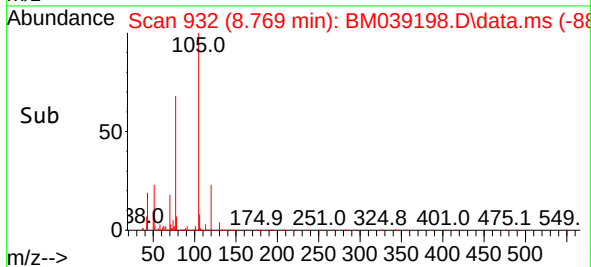
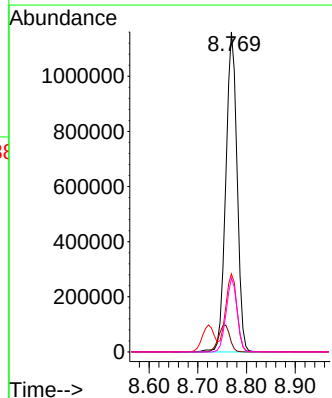
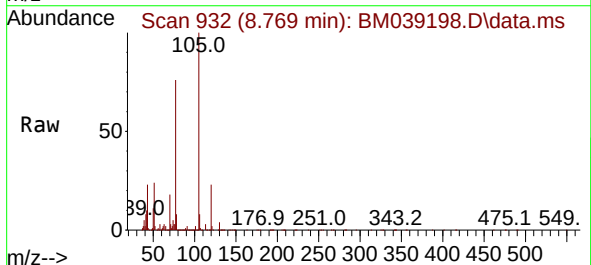
Instrument :
BNA_M
ClientSampleId :
SP6173

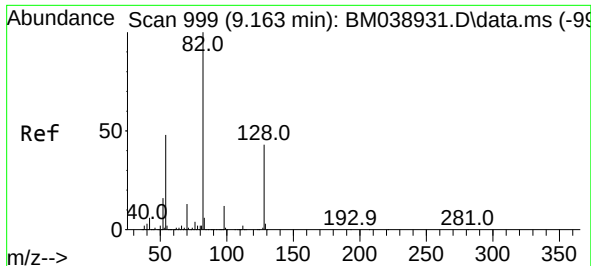
Tgt Ion:136 Resp: 1438636
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 46.487 ng
RT: 8.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:105 Resp: 1876344
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 24.4 21.0 31.4
120 23.1 18.1 27.1

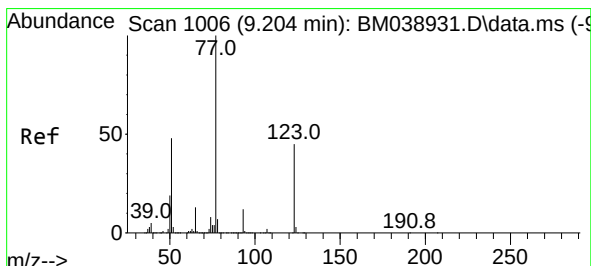
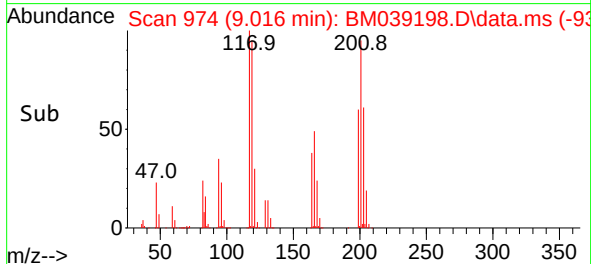
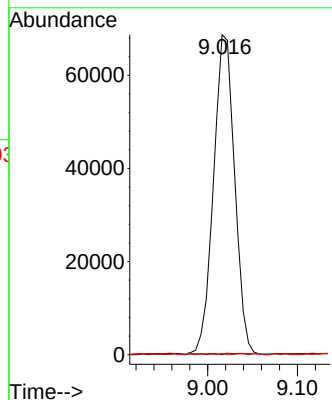
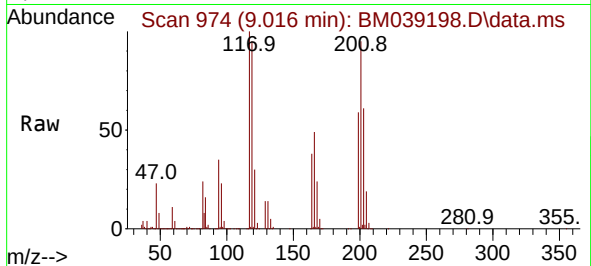




#23
Nitrobenzene-d5
Concen: 3.821 ng
RT: 9.016 min Scan# 91
Delta R.T. -0.094 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

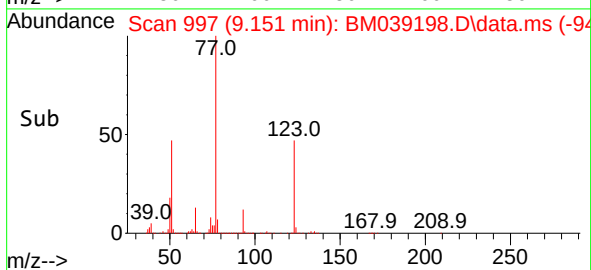
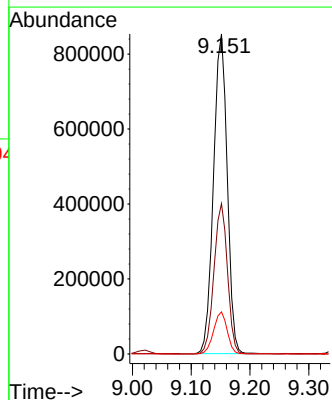
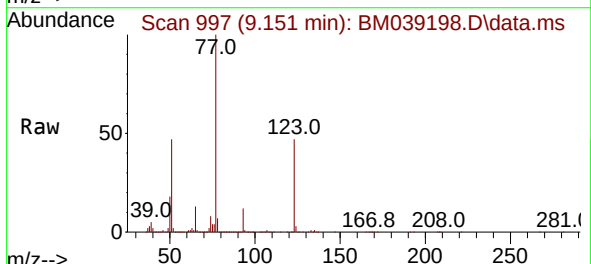
Instrument :
BNA_M
ClientSampleId :
SP6173

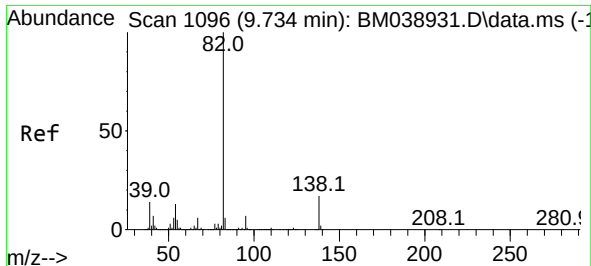
Tgt Ion: 82 Resp: 111902
Ion Ratio Lower Upper
82 100
128 0.0 34.4 51.6#
54 0.4 38.8 58.2#



#24
Nitrobenzene
Concen: 44.878 ng
RT: 9.151 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 77 Resp: 1381503
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.6
65 13.2 10.2 15.4





#25

Isophorone

Concen: 47.590 ng

RT: 9.681 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

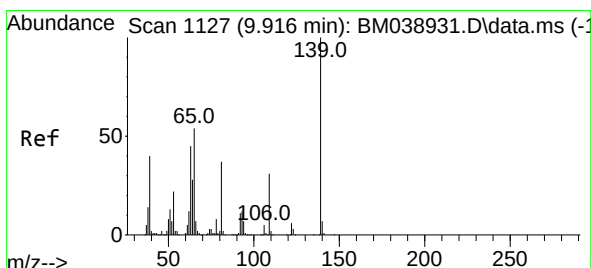
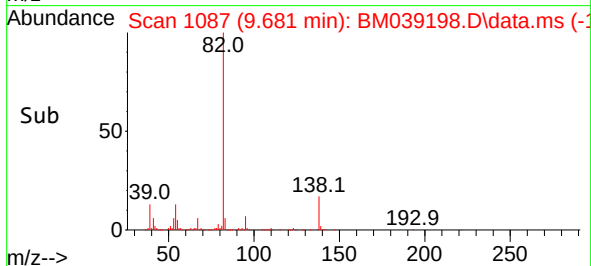
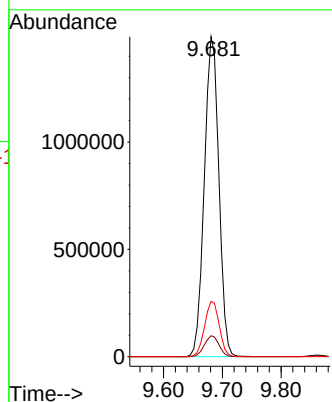
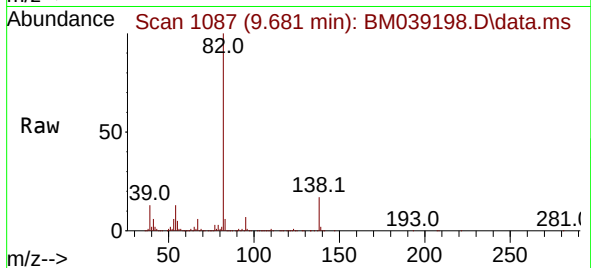
Tgt Ion: 82 Resp: 2564880

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 13.6 20.4



#26

2-Nitrophenol

Concen: 45.461 ng

RT: 9.863 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

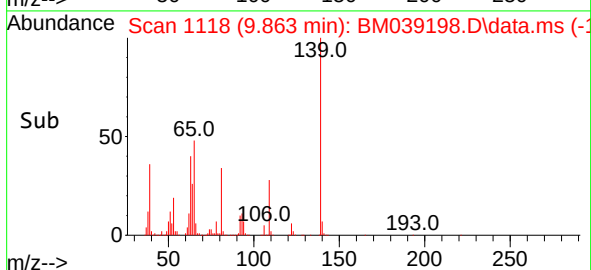
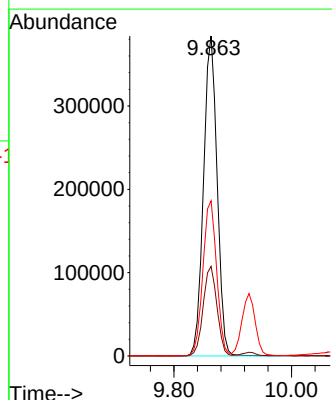
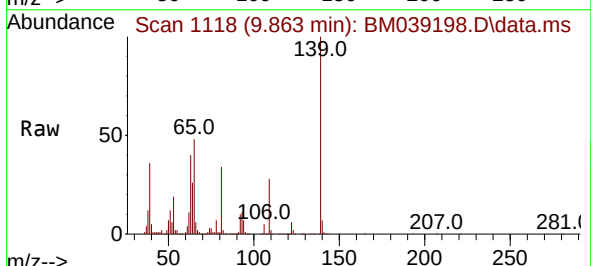
Tgt Ion:139 Resp: 615628

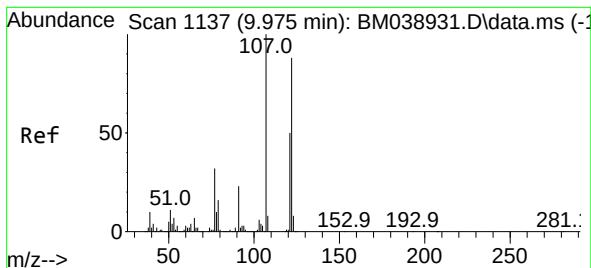
Ion Ratio Lower Upper

139 100

109 28.0 24.5 36.7

65 48.5 43.0 64.6

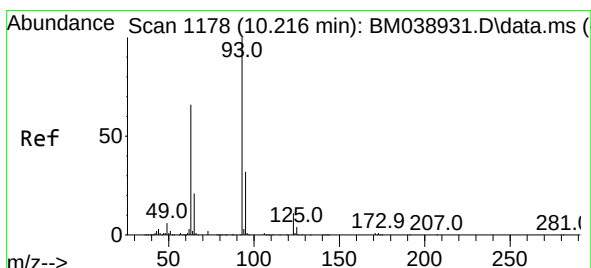
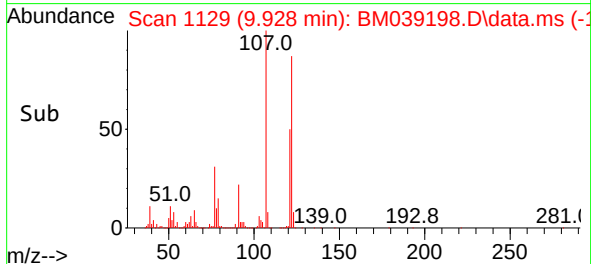
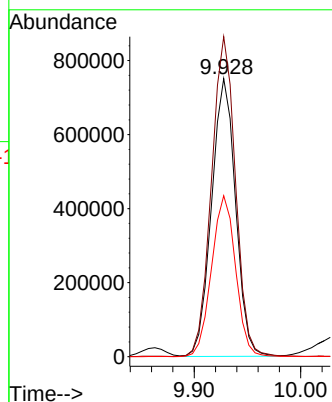
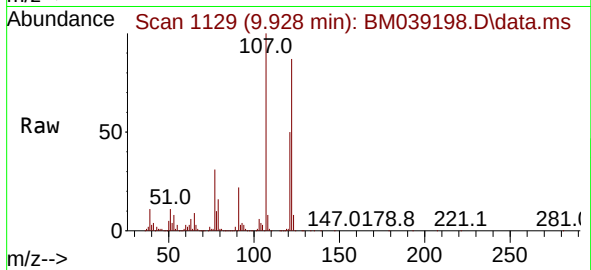




#27
 2,4-Dimethylphenol
 Concen: 50.002 ng
 RT: 9.928 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

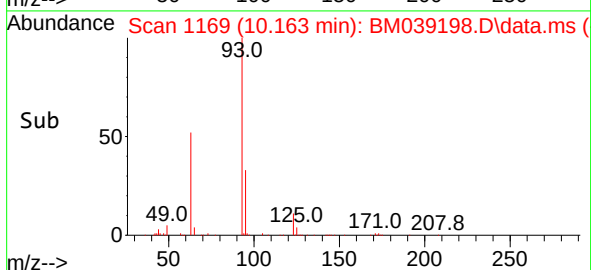
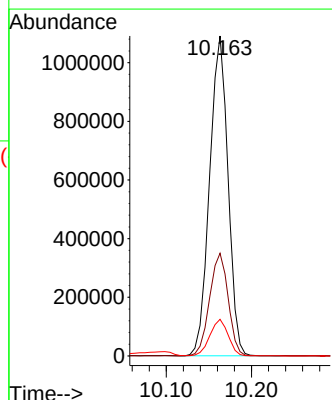
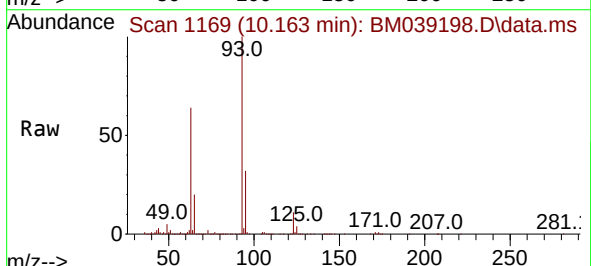
Instrument :
 BNA_M
 ClientSampleId :
 SP6173

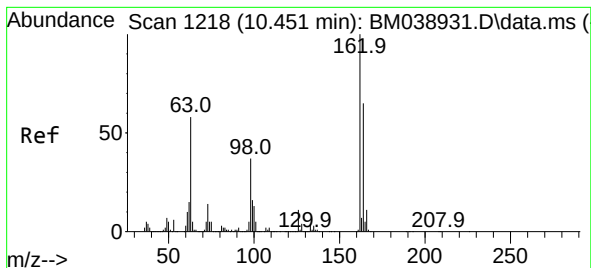
Tgt Ion:122 Resp: 1174230
 Ion Ratio Lower Upper
 122 100
 107 115.1 91.0 136.4
 121 57.9 45.1 67.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.242 ng
 RT: 10.163 min Scan# 1169
 Delta R.T. 0.000 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

Tgt Ion: 93 Resp: 1635981
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.9 38.9
 123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.044 ng

RT: 10.404 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

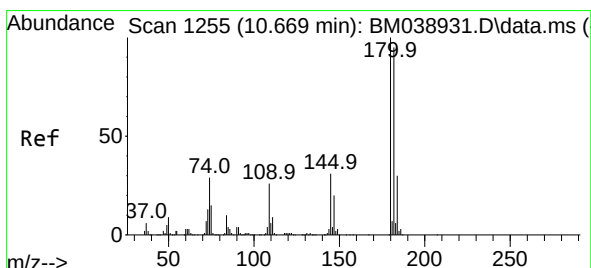
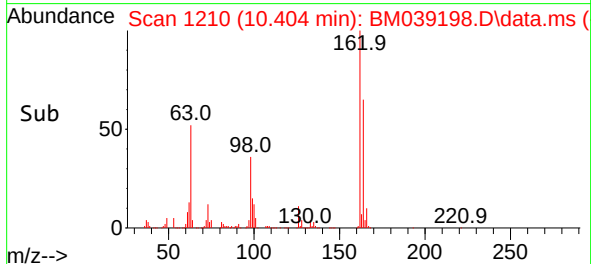
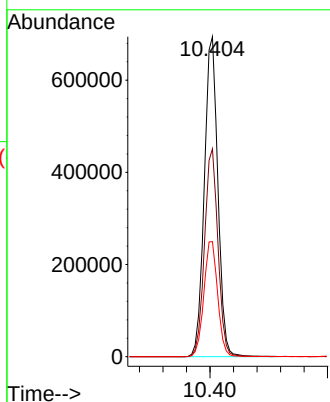
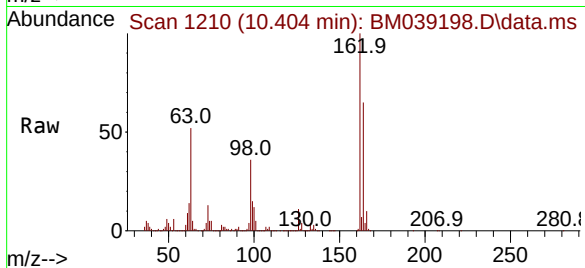
Tgt Ion:162 Resp: 1114186

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

98 35.9 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 48.991 ng

RT: 10.610 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

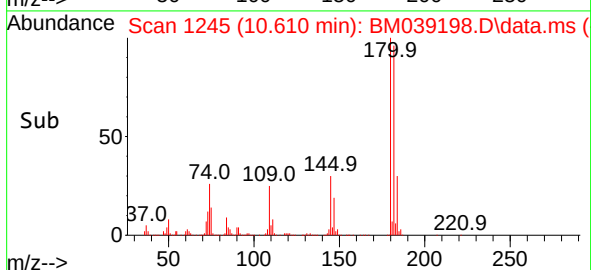
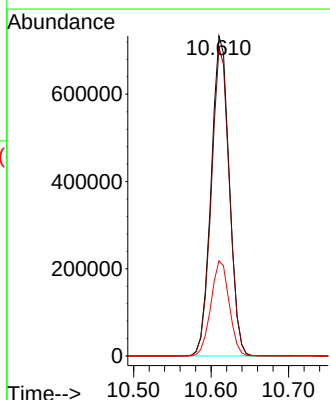
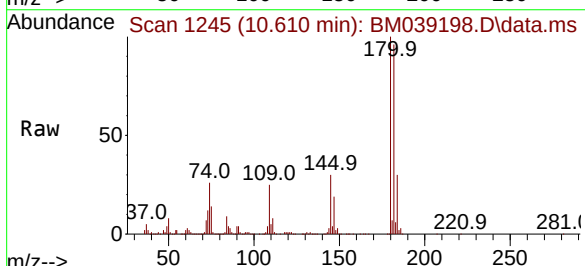
Tgt Ion:180 Resp: 1191926

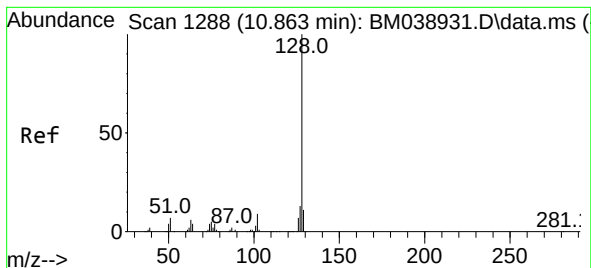
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

145 29.8 25.0 37.4

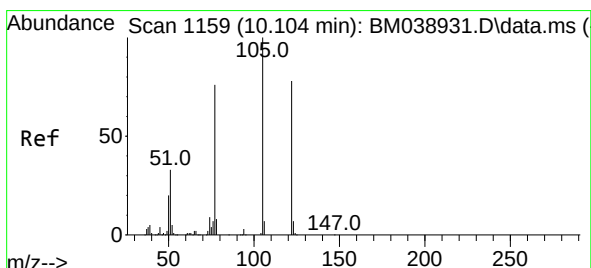
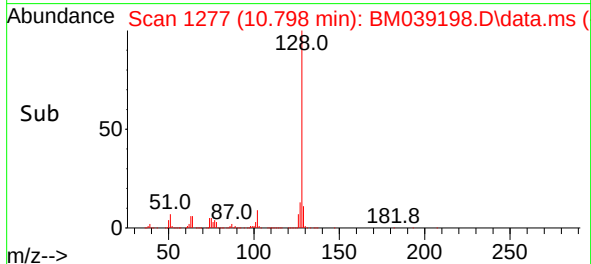
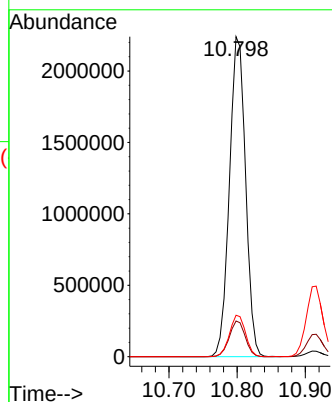
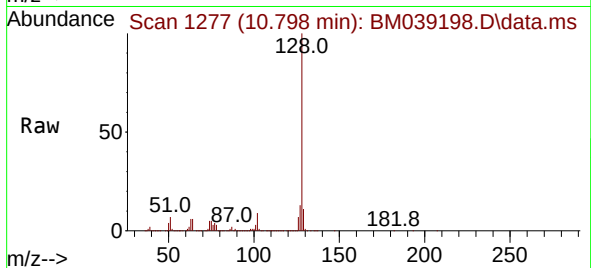




#31
Naphthalene
Concen: 44.993 ng
RT: 10.798 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

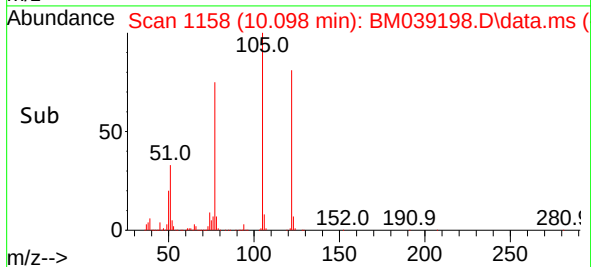
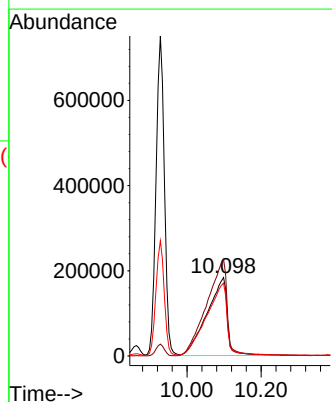
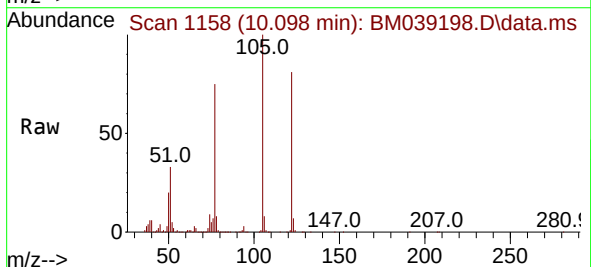
Instrument :
BNA_M
ClientSampleId :
SP6173

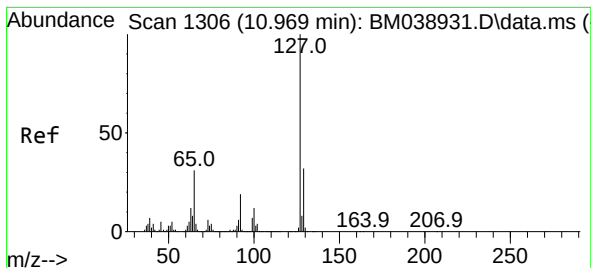
Tgt Ion:128 Resp: 3690922
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 41.481 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:122 Resp: 699477
Ion Ratio Lower Upper
122 100
105 123.1 104.2 144.2
77 92.9 75.1 115.1

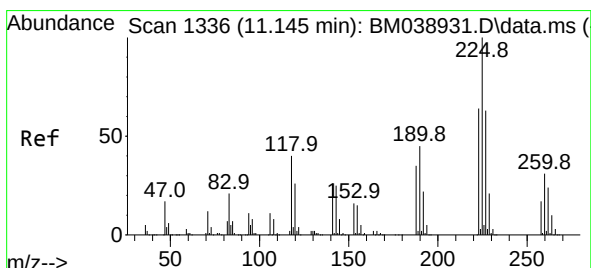
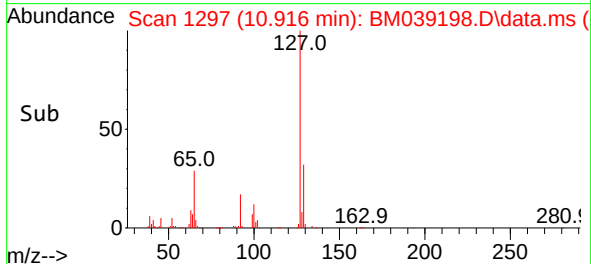
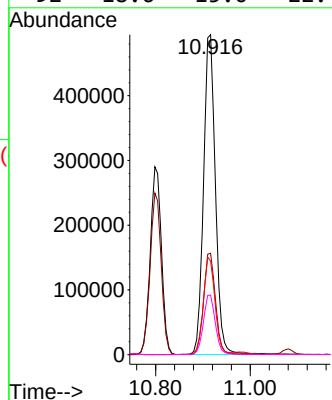
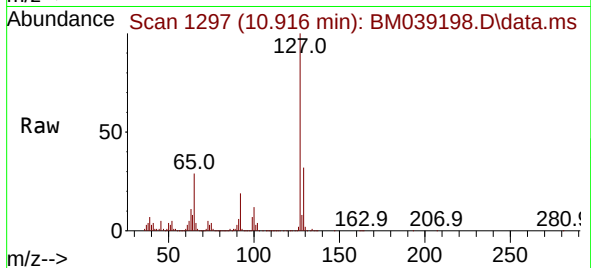




#33
4-Chloroaniline
Concen: 24.633 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

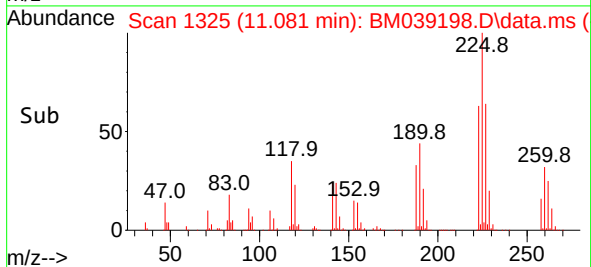
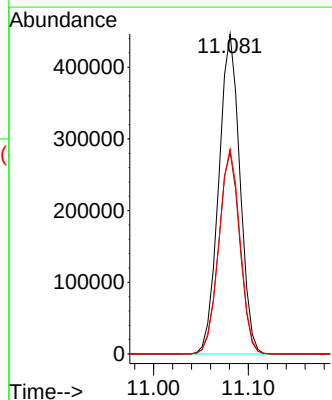
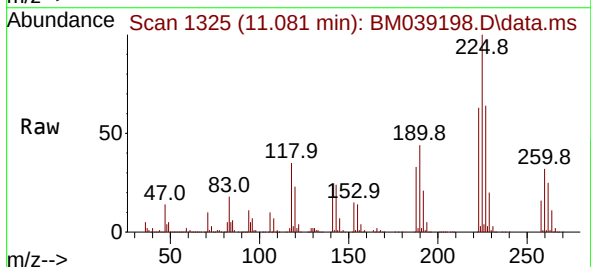
Instrument :
BNA_M
ClientSampleId :
SP6173

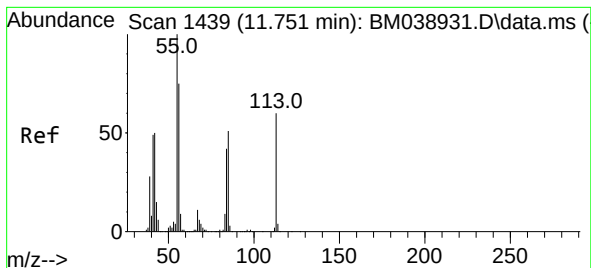
Tgt Ion:	127	Resp:	861162
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	29.3	24.4	36.6
92	18.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.658 ng
RT: 11.081 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:	225	Resp:	692829
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.3	76.9
227	64.0	50.6	76.0





#35

Caprolactam

Concen: 49.046 ng

RT: 11.728 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

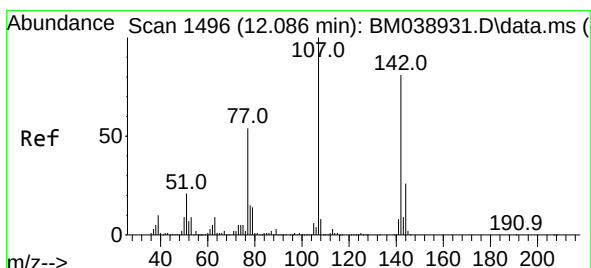
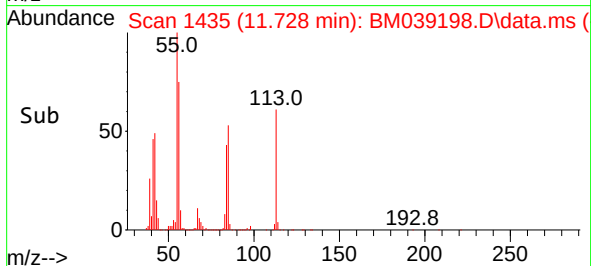
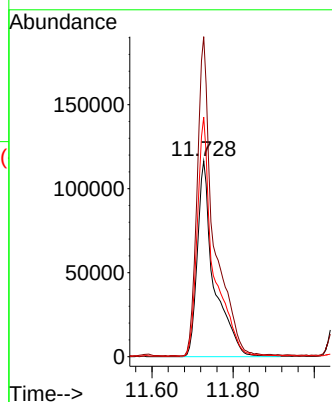
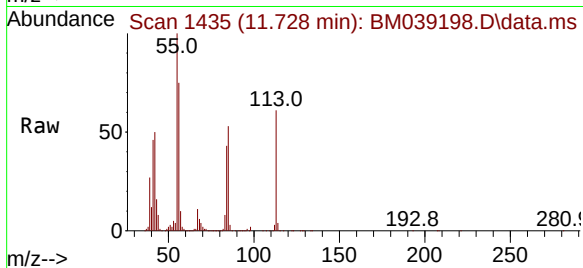
Tgt Ion:113 Resp: 332348

Ion Ratio Lower Upper

113 100

55 163.5 147.0 187.0

56 122.4 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 47.384 ng

RT: 12.045 min Scan# 1489

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

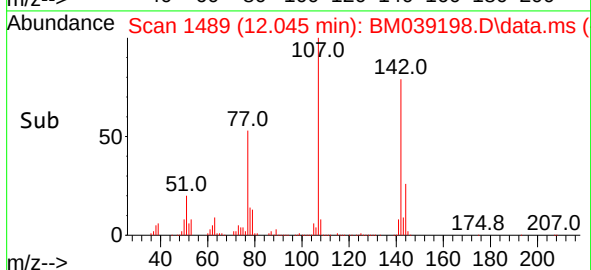
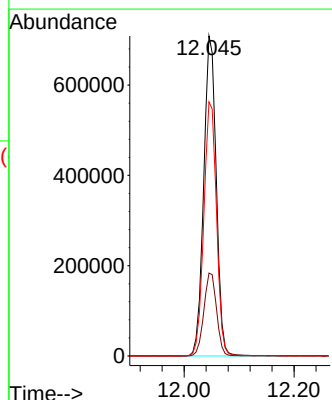
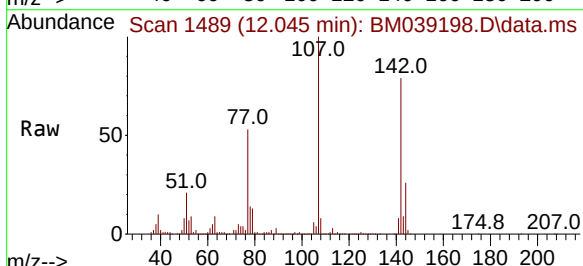
Tgt Ion:107 Resp: 1123367

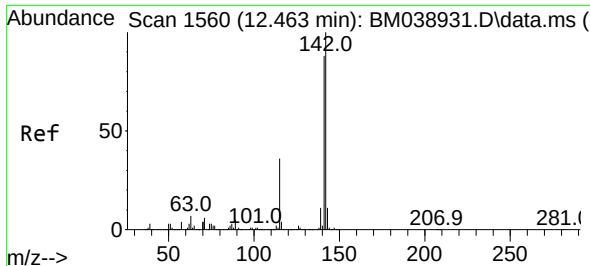
Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

142 79.4 64.6 97.0

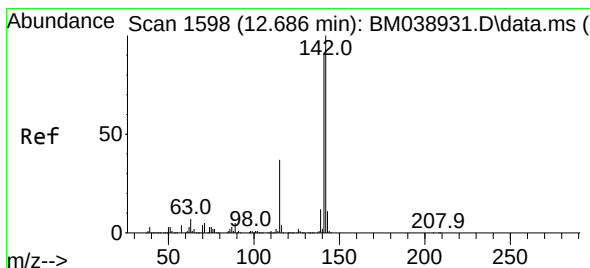
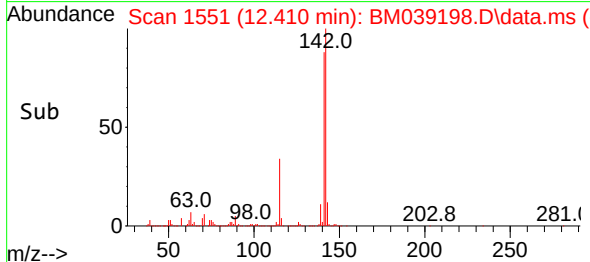
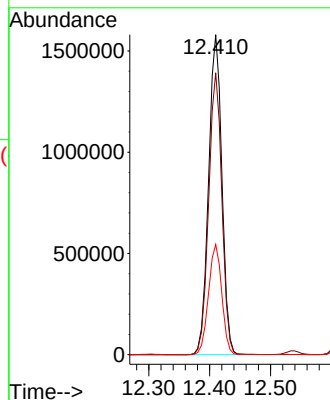
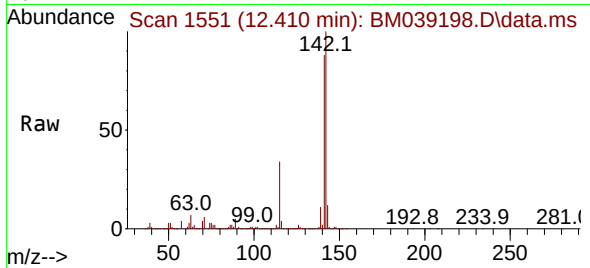




#37
2-Methylnaphthalene
Concen: 43.627 ng
RT: 12.410 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

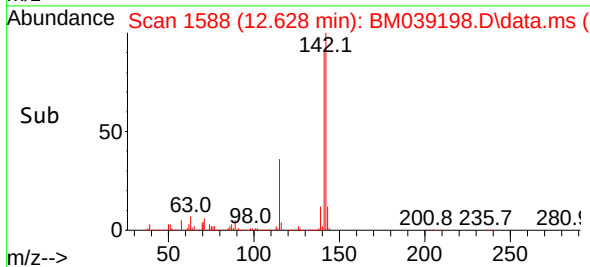
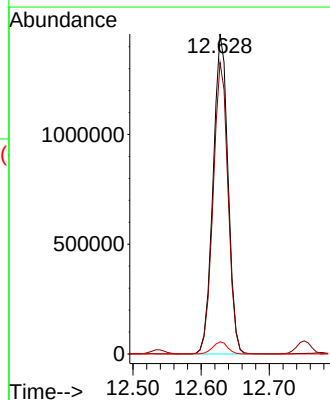
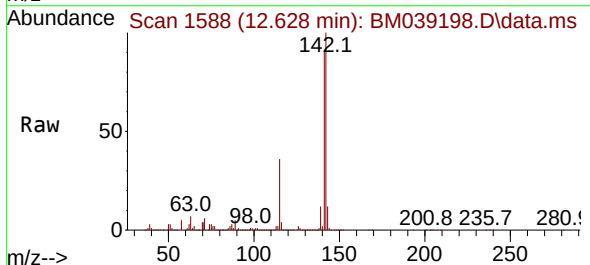
Instrument :
BNA_M
ClientSampleId :
SP6173

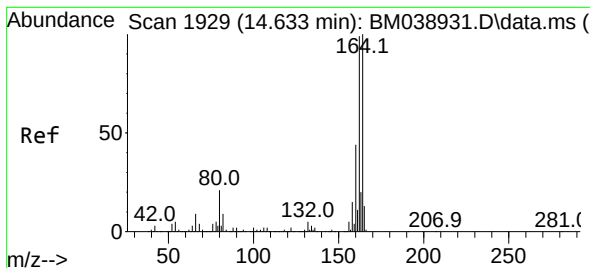
Tgt Ion:142 Resp: 2398730
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0
115 34.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 43.037 ng
RT: 12.628 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:142 Resp: 2217535
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

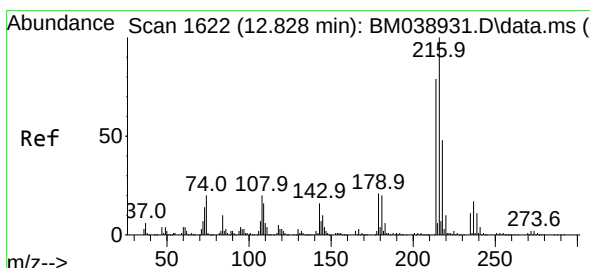
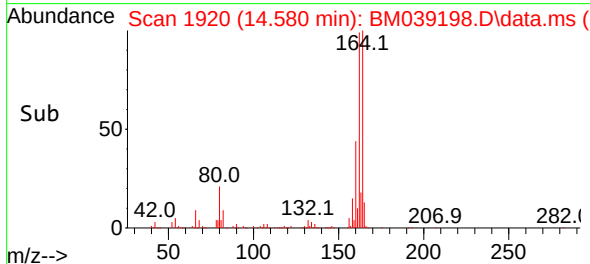
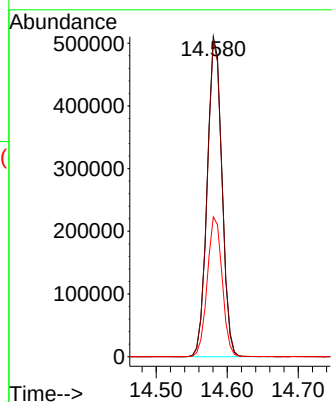
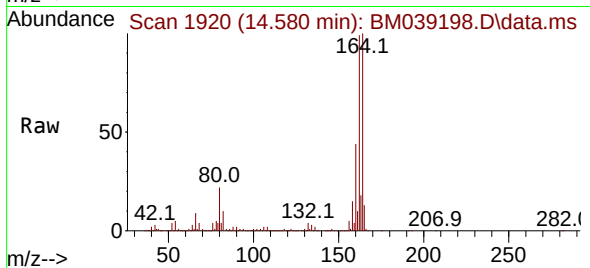
Tgt Ion:164 Resp: 734911

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 43.7 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.422 ng

RT: 12.775 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Tgt Ion:216 Resp: 1204652

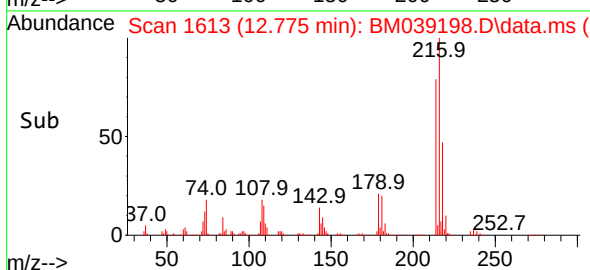
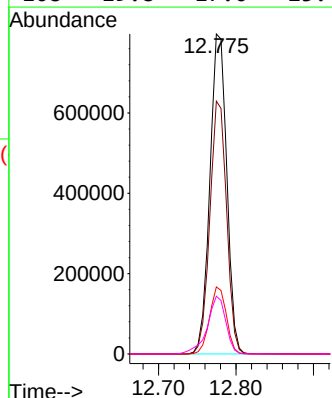
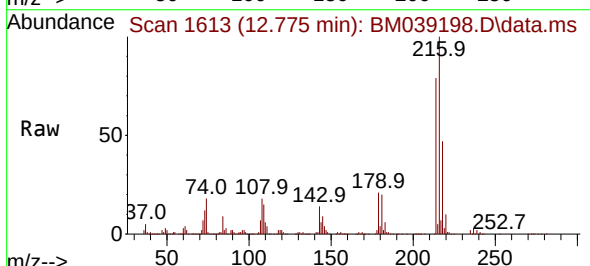
Ion Ratio Lower Upper

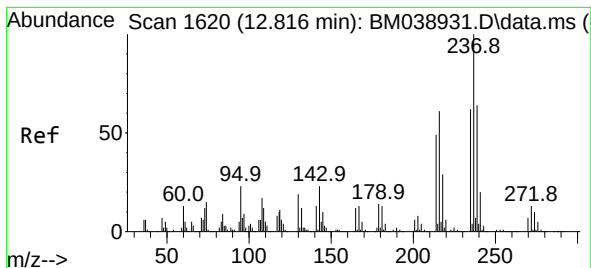
216 100

214 78.4 63.0 94.4

179 20.7 16.8 25.2

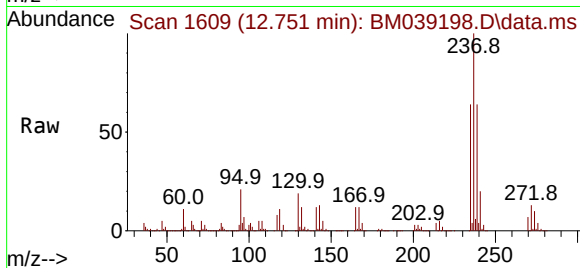
108 19.8 17.0 25.4



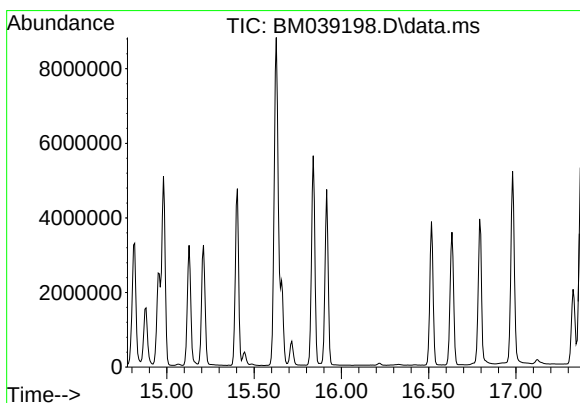
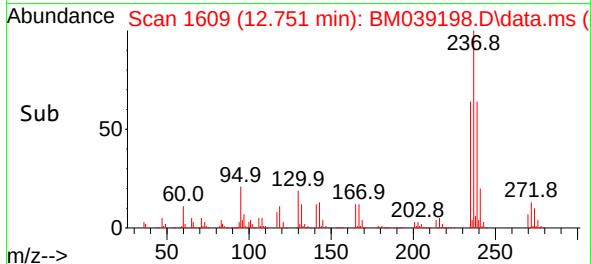
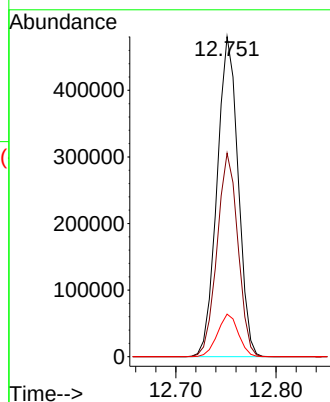


#41
Hexachlorocyclopentadiene
Concen: 53.389 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Instrument :
BNA_M
ClientSampleId :
SP6173



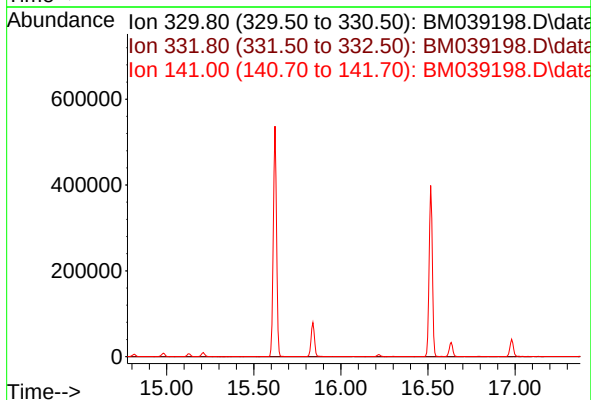
Tgt Ion: 237 Resp: 700160
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 13.3 0.0 33.2

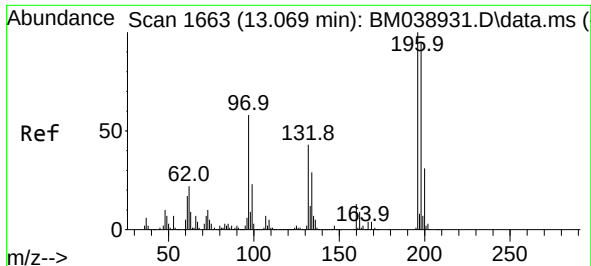


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.07 min

Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.7
141 40.3





#43

2,4,6-Trichlorophenol

Concen: 51.026 ng

RT: 13.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

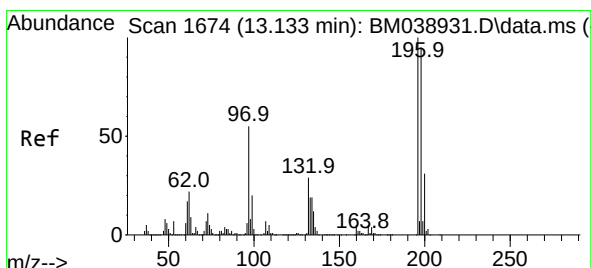
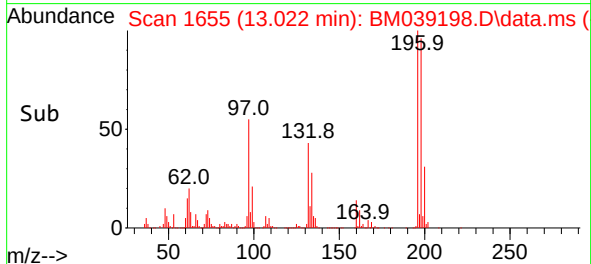
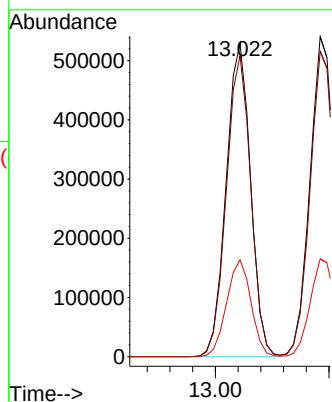
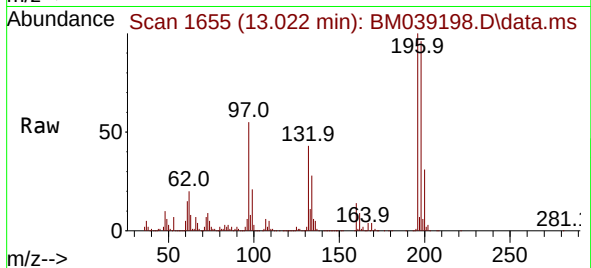
Tgt Ion:196 Resp: 789431

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.8

200 31.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 45.404 ng

RT: 13.092 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Tgt Ion:196 Resp: 822217

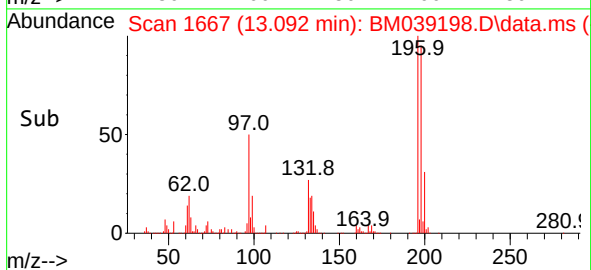
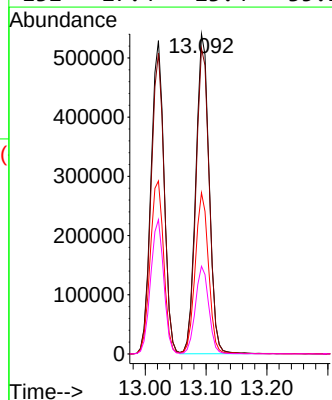
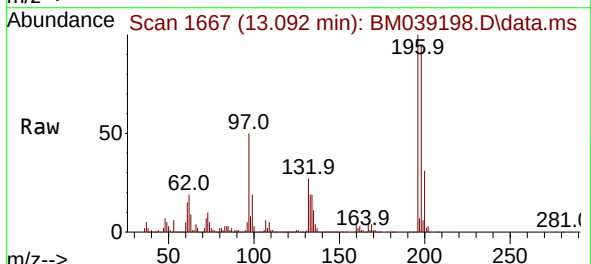
Ion Ratio Lower Upper

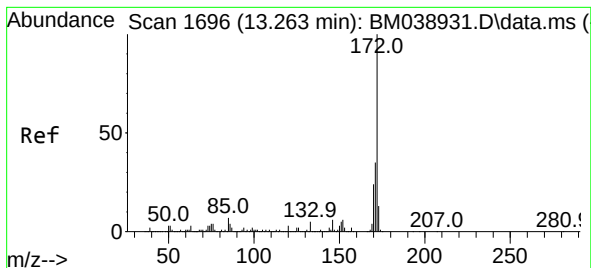
196 100

198 95.5 76.3 114.5

97 50.4 44.2 66.4

132 27.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 0.033 ng

RT: 13.092 min Scan# 1

Delta R.T. -0.117 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

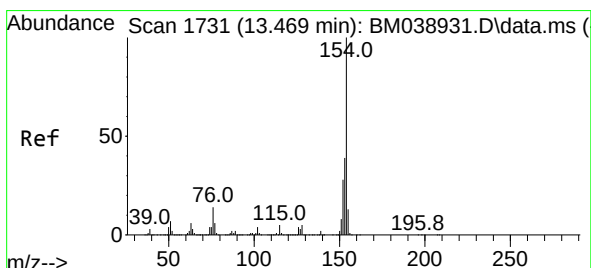
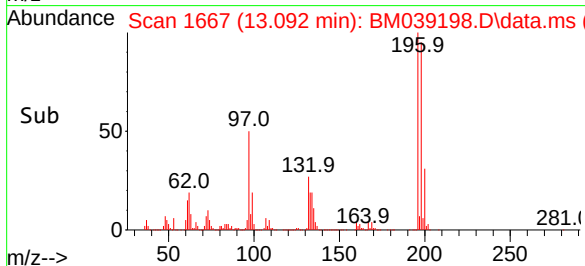
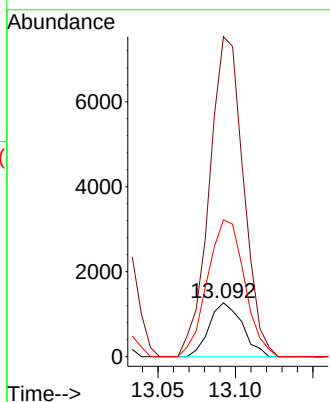
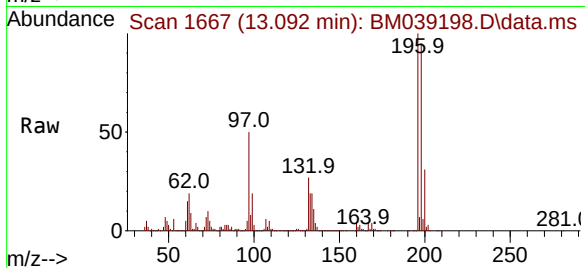
Tgt Ion:172 Resp: 1882

Ion Ratio Lower Upper

172 100

171 593.1 28.2 42.2#

170 253.5 19.1 28.7#



#46

1,1'-Biphenyl

Concen: 47.894 ng

RT: 13.416 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

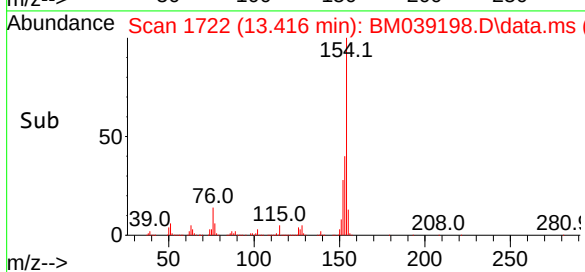
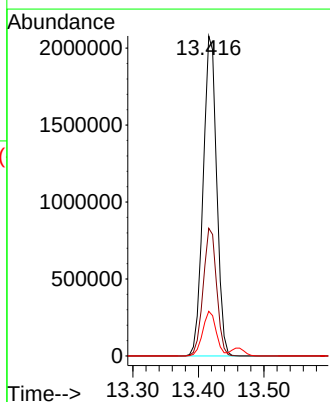
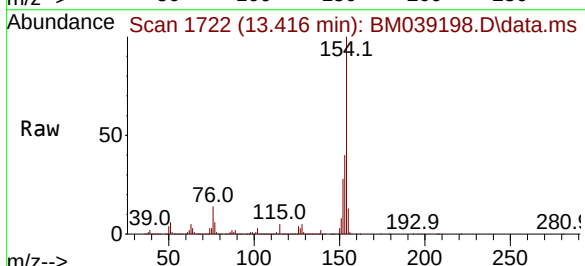
Tgt Ion:154 Resp: 2981881

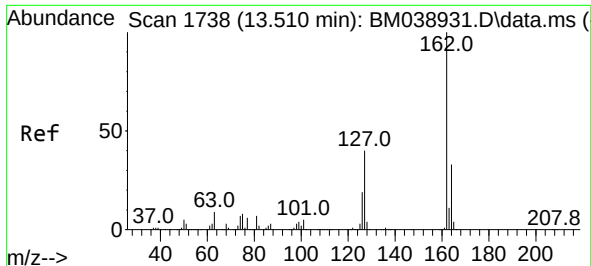
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 14.0 0.0 34.0

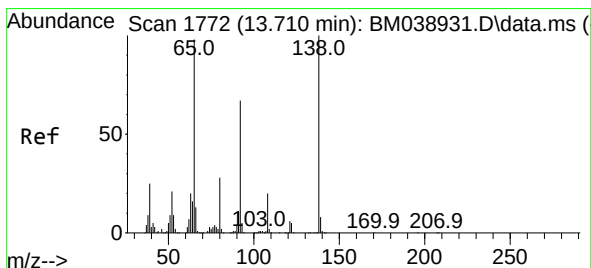
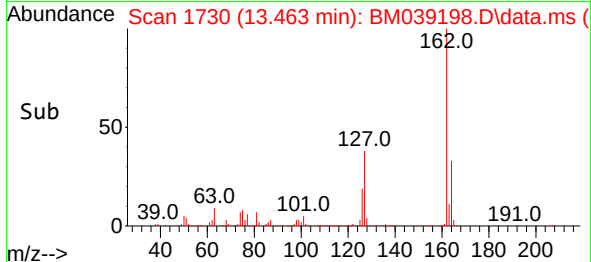
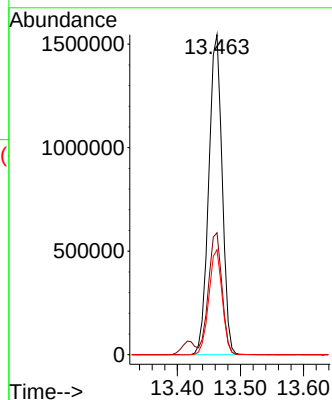
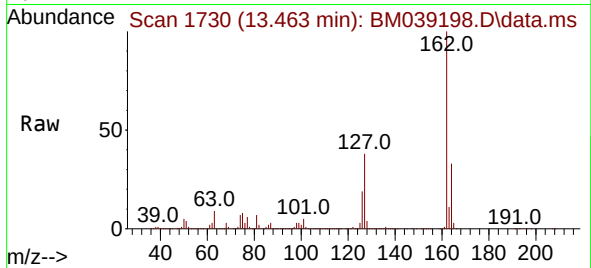




#47
2-Chloronaphthalene
Concen: 48.640 ng
RT: 13.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

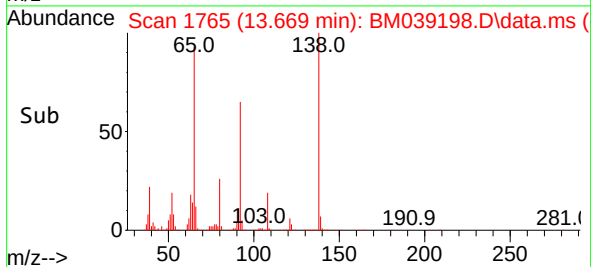
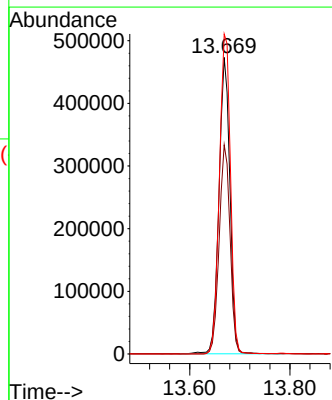
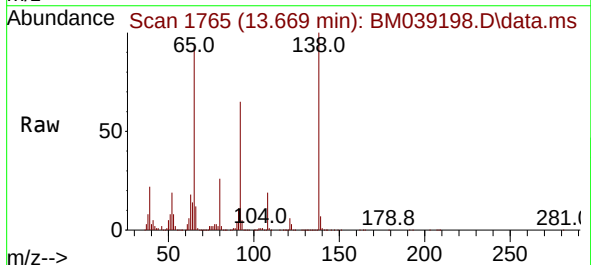
Instrument :
BNA_M
ClientSampleId :
SP6173

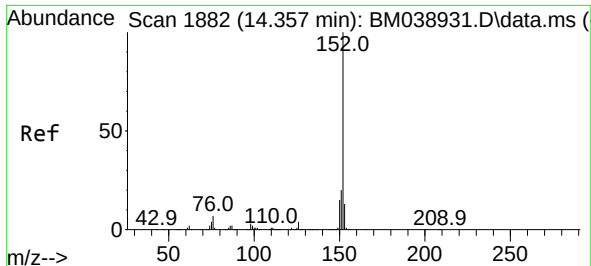
Tgt Ion:162 Resp: 2283577
Ion Ratio Lower Upper
162 100
127 38.1 32.1 48.1
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 47.561 ng
RT: 13.669 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion: 65 Resp: 714601
Ion Ratio Lower Upper
65 100
92 70.5 54.9 82.3
138 107.9 81.6 122.4

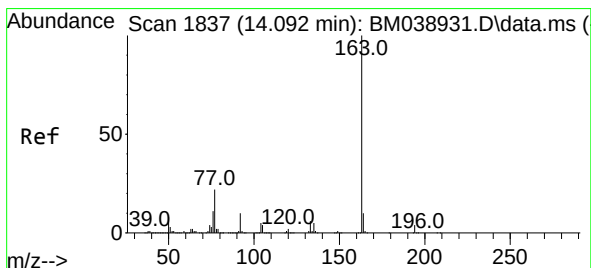
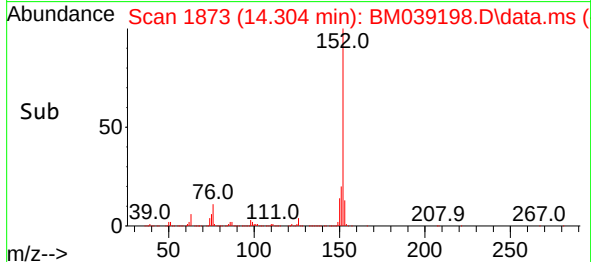
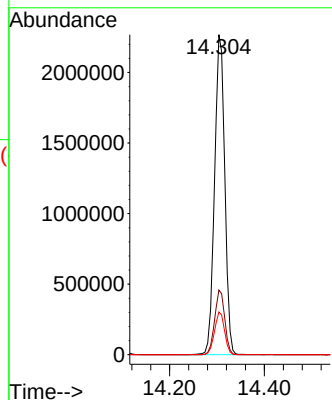
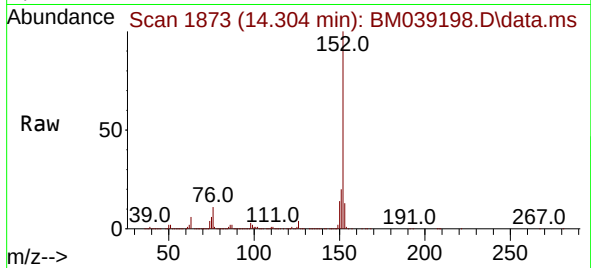




#49
Acenaphthylene
Concen: 45.376 ng
RT: 14.304 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

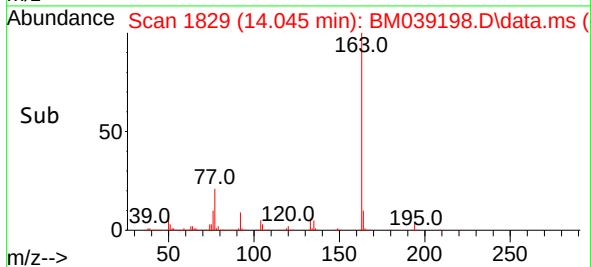
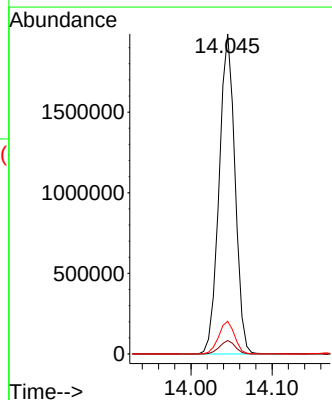
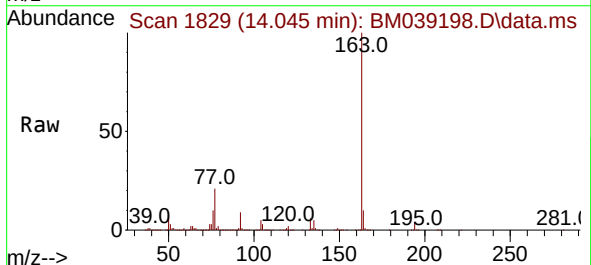
Instrument :
BNA_M
ClientSampleId :
SP6173

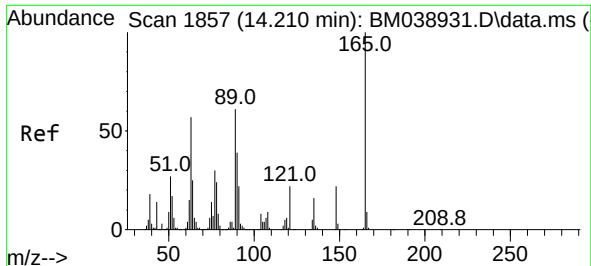
Tgt Ion:152 Resp: 3393330
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 47.737 ng
RT: 14.045 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:163 Resp: 2699545
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.859 ng

RT: 14.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

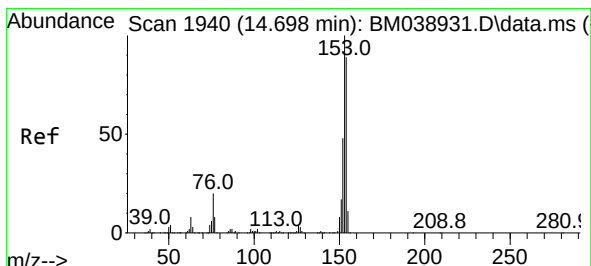
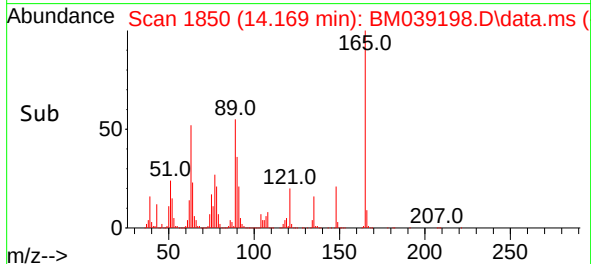
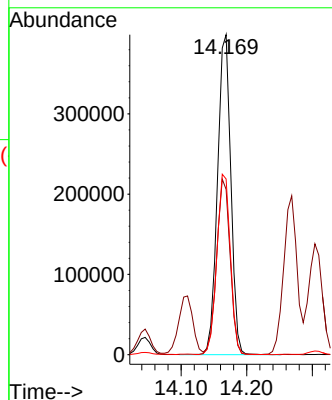
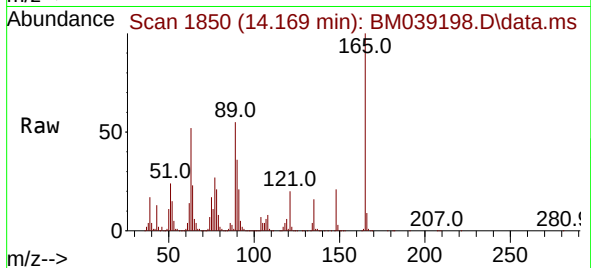
Tgt Ion:165 Resp: 559846

Ion Ratio Lower Upper

165 100

63 51.6 46.6 70.0

89 54.9 48.6 73.0



#52

Acenaphthene

Concen: 43.860 ng

RT: 14.645 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

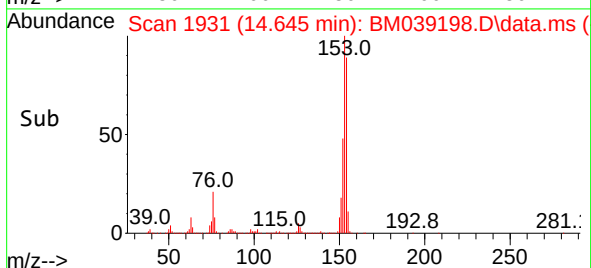
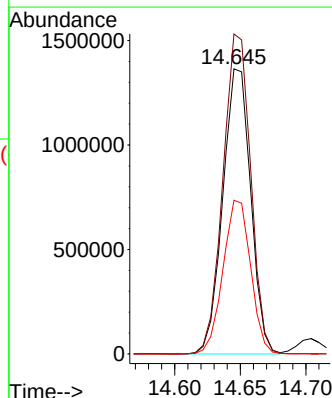
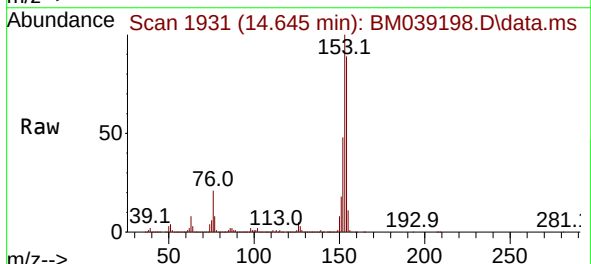
Tgt Ion:154 Resp: 2015733

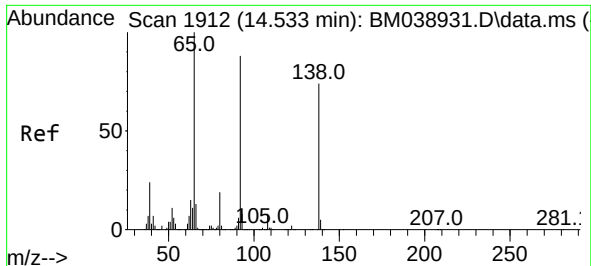
Ion Ratio Lower Upper

154 100

153 112.2 90.2 135.2

152 54.0 43.4 65.2

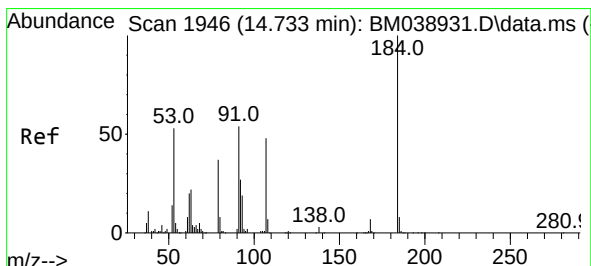
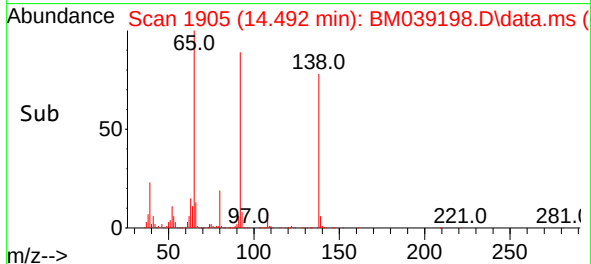
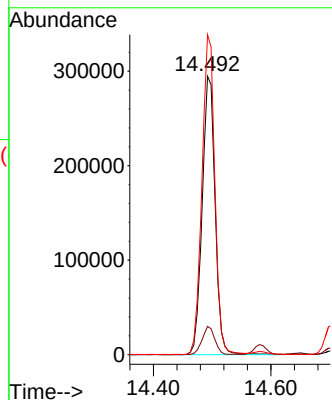
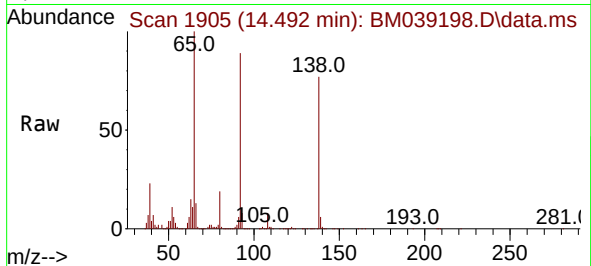




#53
3-Nitroaniline
Concen: 31.400 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

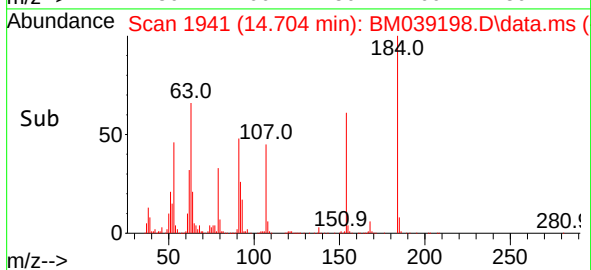
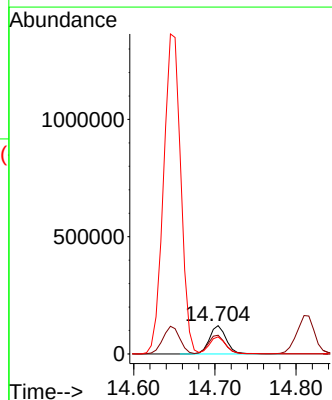
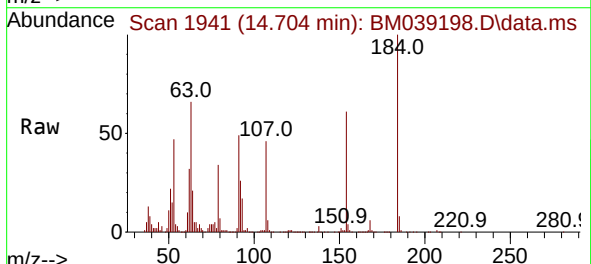
Instrument :
BNA_M
ClientSampleId :
SP6173

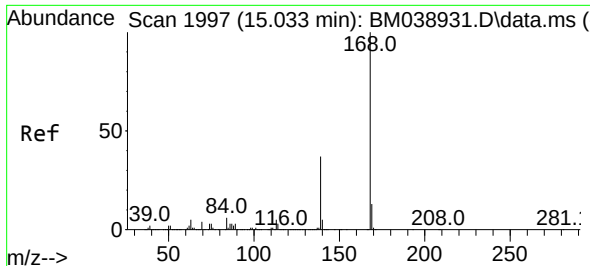
Tgt Ion:138 Resp: 450759
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 114.9 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 27.680 ng
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:184 Resp: 172881
Ion Ratio Lower Upper
184 100
63 66.1 60.6 90.8
154 60.6 51.4 77.2

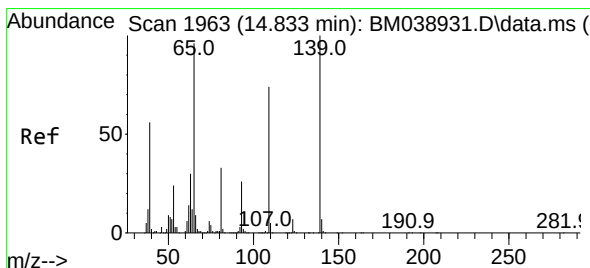
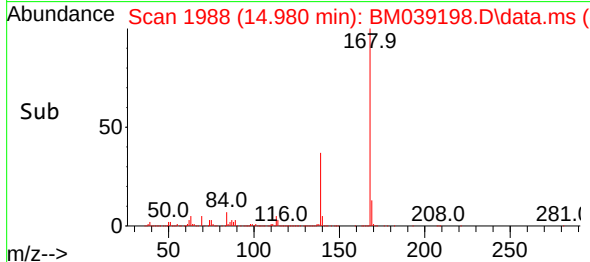
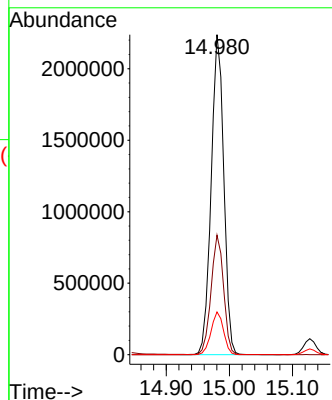
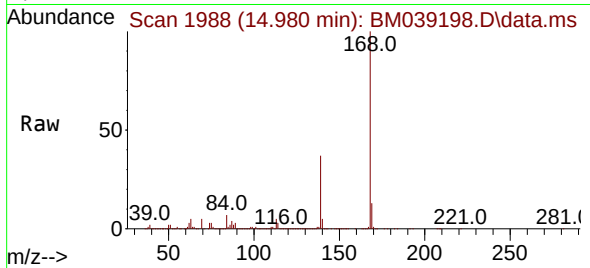




#55
Dibenzenofuran
Concen: 43.002 ng
RT: 14.980 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

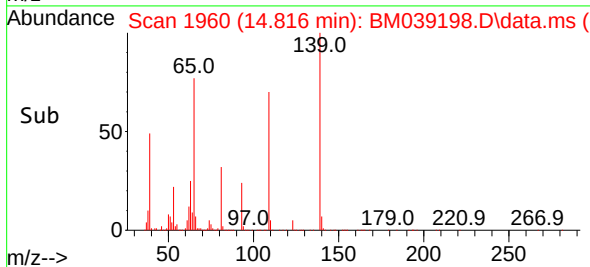
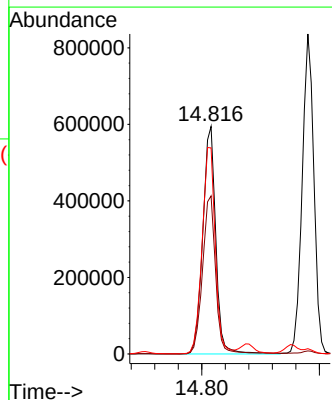
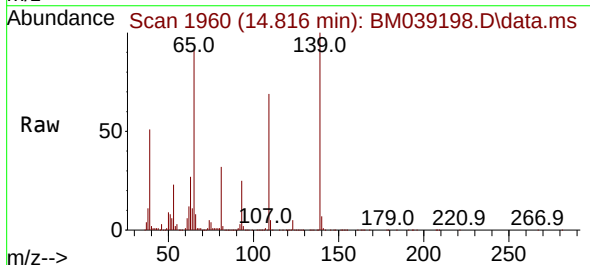
Instrument :
BNA_M
ClientSampleId :
SP6173

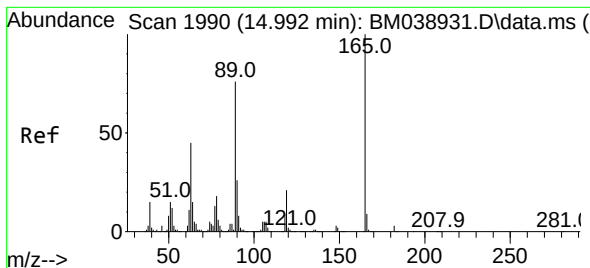
Tgt Ion:168 Resp: 3092623
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 80.899 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:139 Resp: 908596
Ion Ratio Lower Upper
139 100
109 69.5 53.5 93.5
65 90.5 76.4 116.4

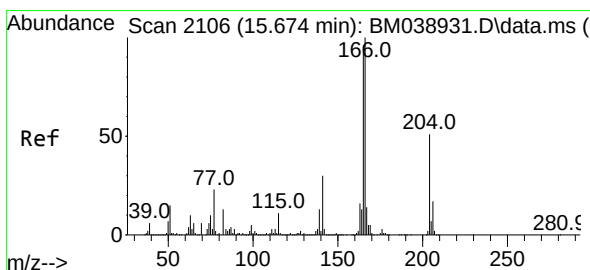
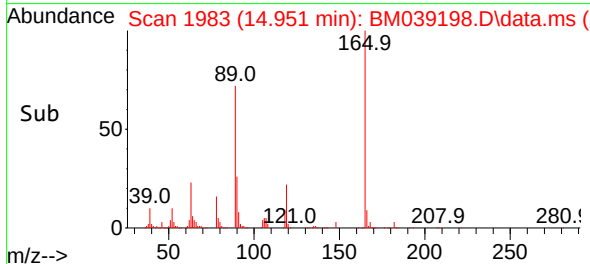
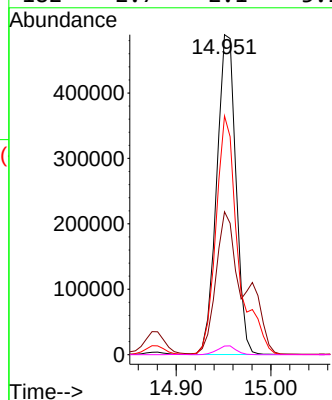
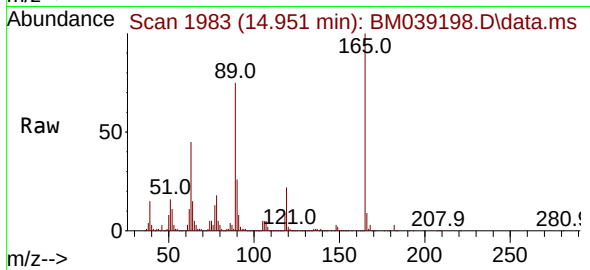




#57
2,4-Dinitrotoluene
Concen: 42.265 ng
RT: 14.951 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

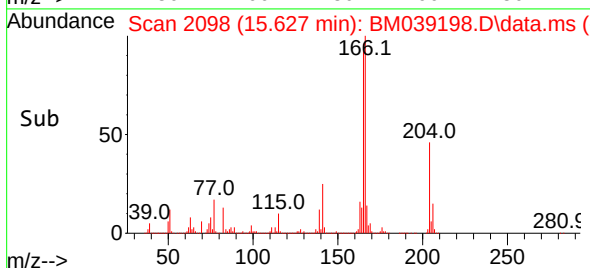
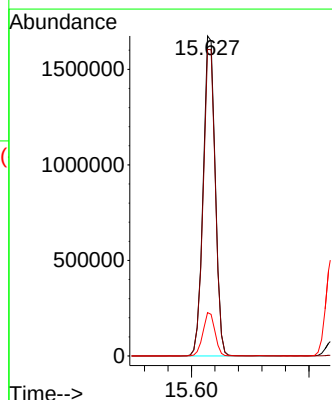
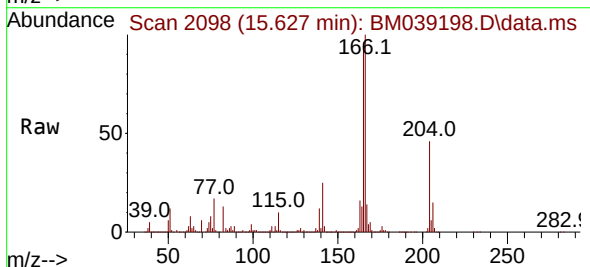
Instrument :
BNA_M
ClientSampleId :
SP6173

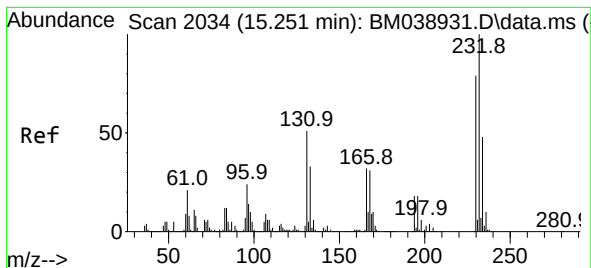
Tgt Ion:165 Resp: 691368
Ion Ratio Lower Upper
165 100
63 44.6 35.9 53.9
89 74.6 61.0 91.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.038 ng
RT: 15.627 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:166 Resp: 2368215
Ion Ratio Lower Upper
166 100
165 95.8 77.1 115.7
167 13.5 10.9 16.3

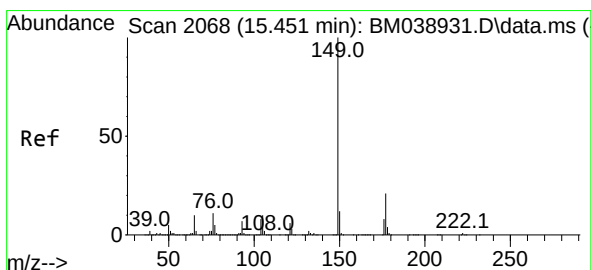
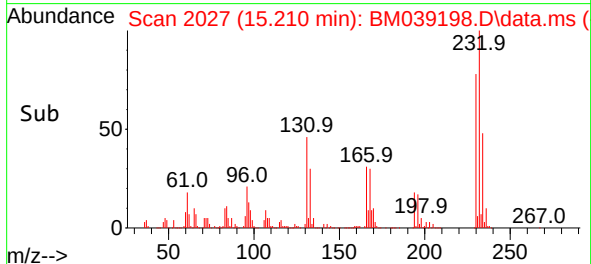
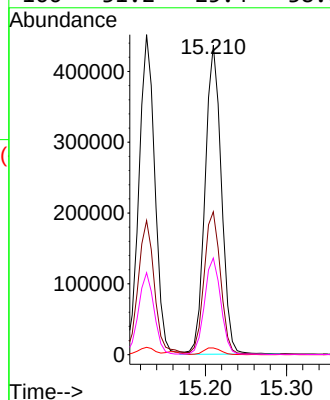
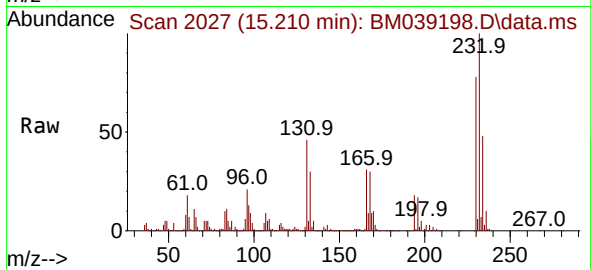




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.451 ng
RT: 15.210 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

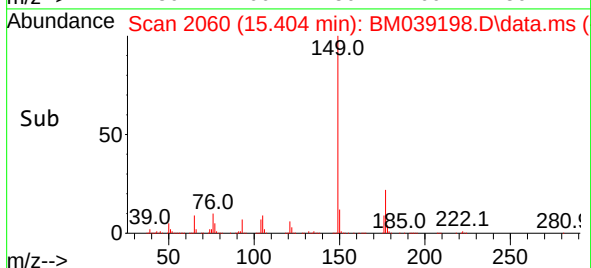
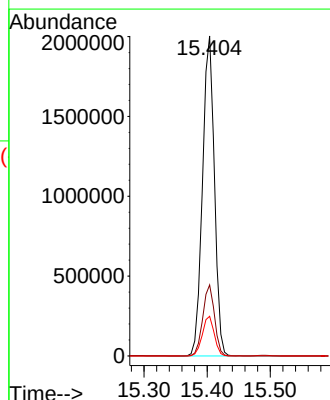
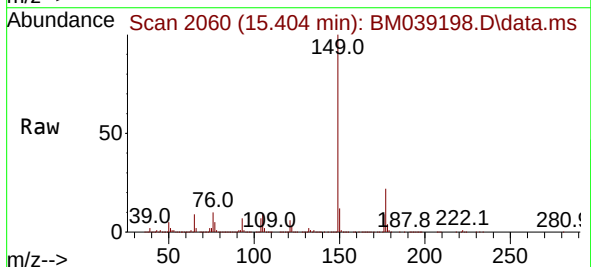
Instrument :
BNA_M
ClientSampleId :
SP6173

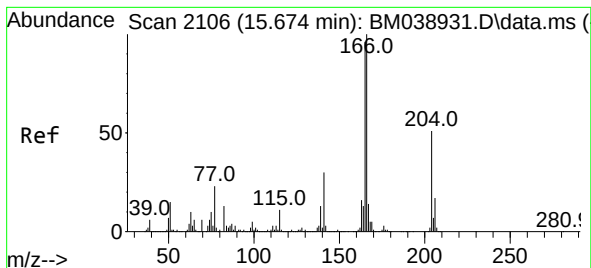
Tgt Ion:232 Resp: 606837
Ion Ratio Lower Upper
232 100
131 46.6 40.0 60.0
130 2.4 2.0 3.0
166 31.2 25.4 38.0



#60
Diethylphthalate
Concen: 47.495 ng
RT: 15.404 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:149 Resp: 2613408
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.4 9.7 14.5

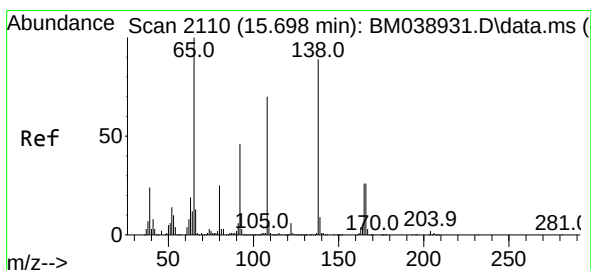
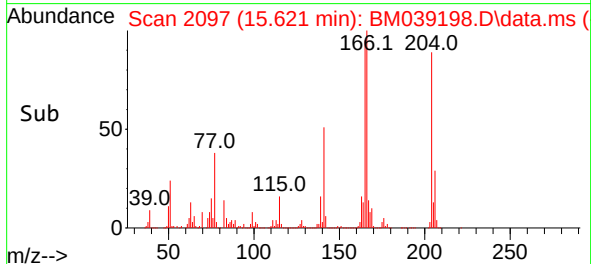
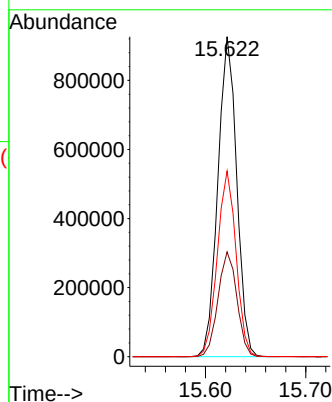
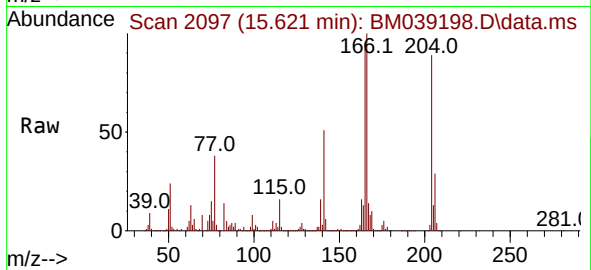




#61
4-Chlorophenyl-phenylether
Concen: 43.586 ng
RT: 15.621 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

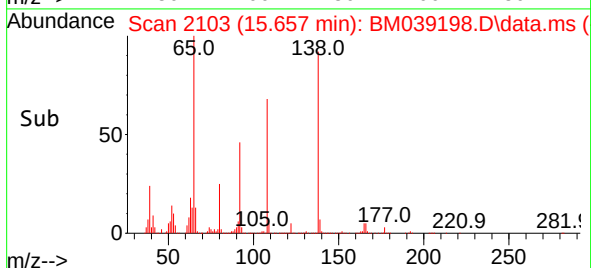
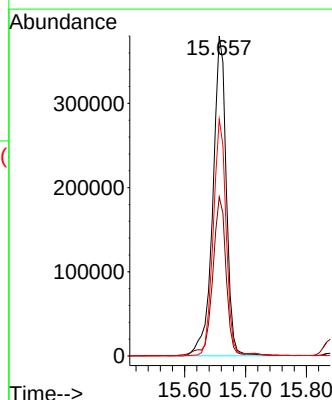
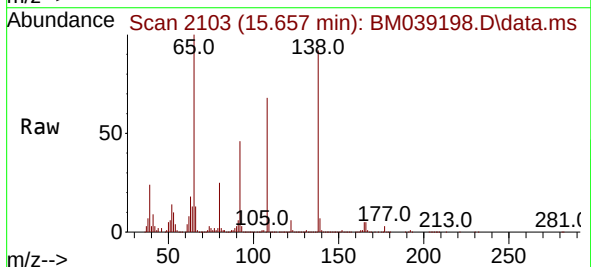
Instrument :
BNA_M
ClientSampleId :
SP6173

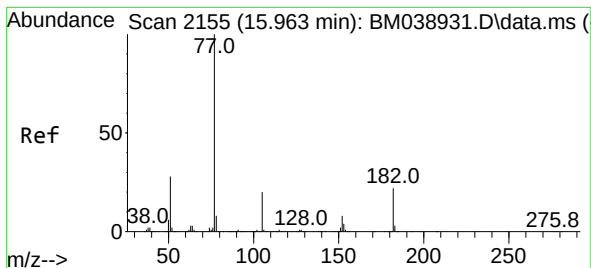
Tgt Ion:204 Resp: 1206287
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.0 46.4 69.6



#62
4-Nitroaniline
Concen: 39.629 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:138 Resp: 585012
Ion Ratio Lower Upper
138 100
92 49.7 31.6 71.6
108 74.0 58.6 98.6





#63

Azobenzene

Concen: 43.303 ng

RT: 15.916 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

Tgt Ion: 77 Resp: 2521187

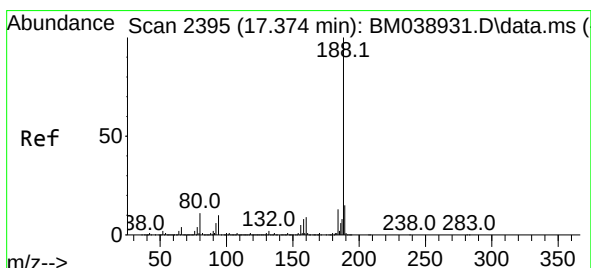
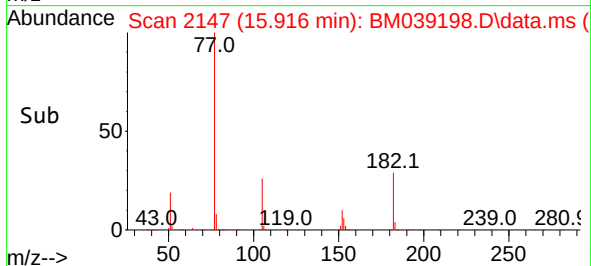
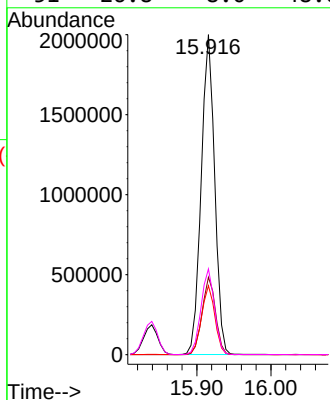
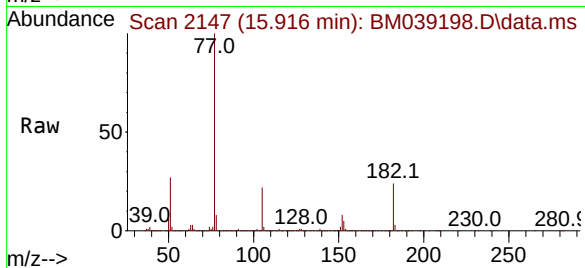
Ion Ratio Lower Upper

77 100

182 24.2 2.0 42.0

105 21.6 0.4 40.4

51 26.8 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2387

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

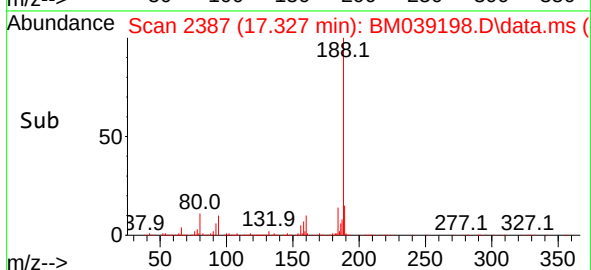
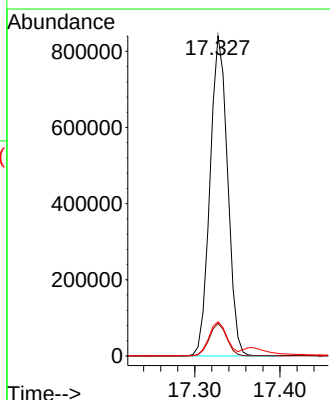
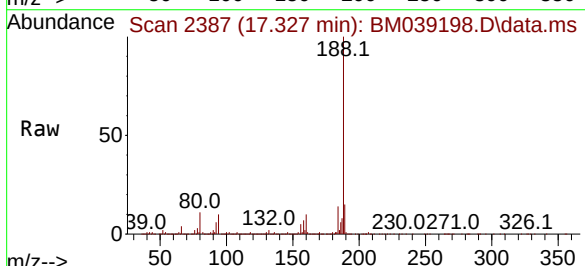
Tgt Ion:188 Resp: 1205242

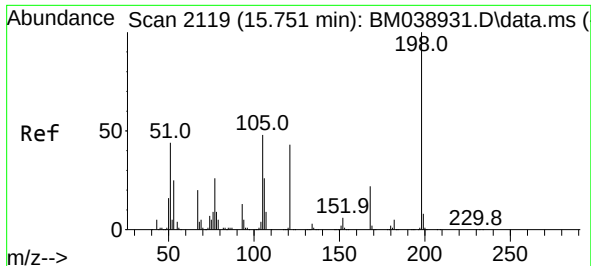
Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 10.7 8.5 12.7

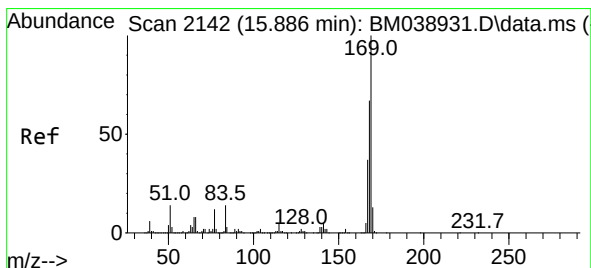
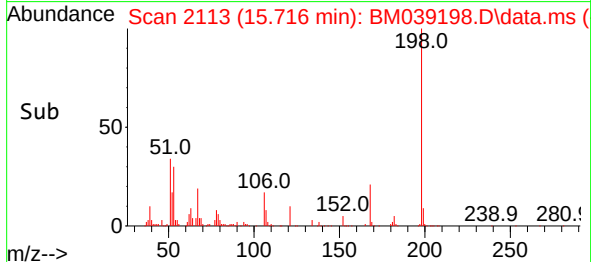
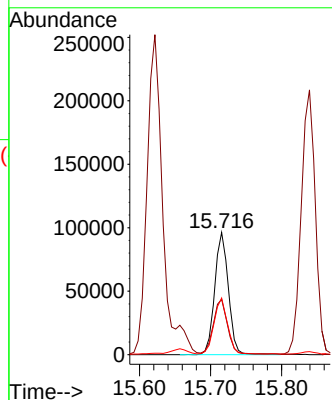
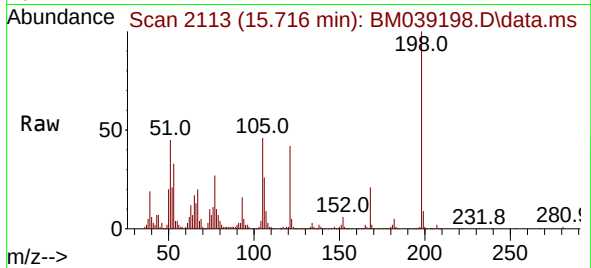




#65
4,6-Dinitro-2-methylphenol
Concen: 19.589 ng
RT: 15.716 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

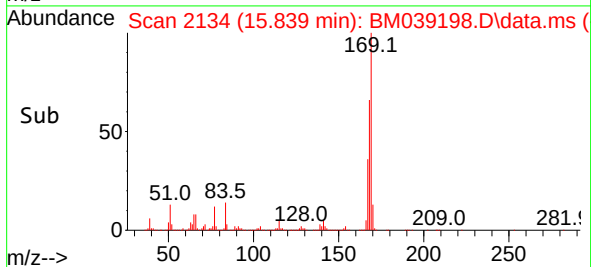
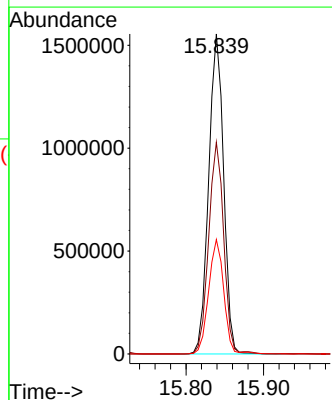
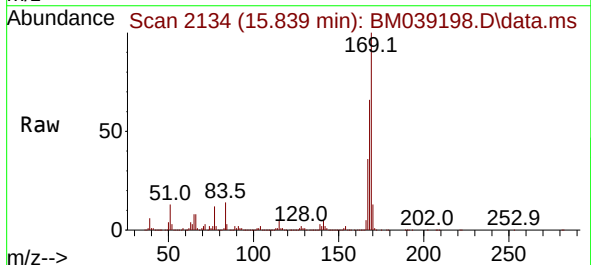
Instrument :
BNA_M
ClientSampleId :
SP6173

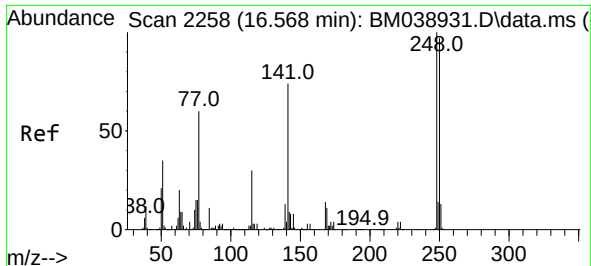
Tgt Ion:198 Resp: 128469
Ion Ratio Lower Upper
198 100
51 45.3 30.1 70.1
105 46.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 51.124 ng
RT: 15.839 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:169 Resp: 2077212
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 35.7 29.4 44.0

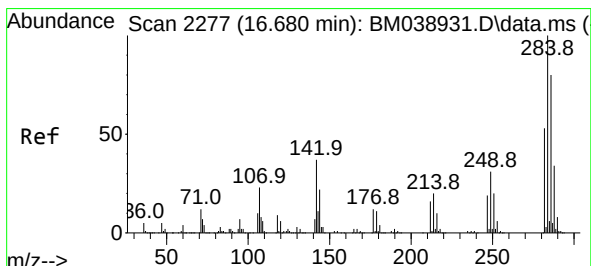
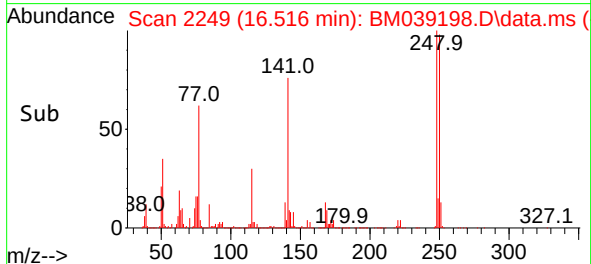
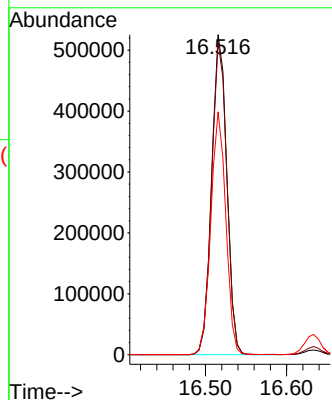
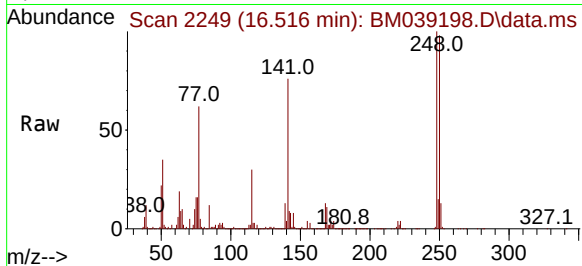




#67
4-Bromophenyl-phenylether
Concen: 52.475 ng
RT: 16.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

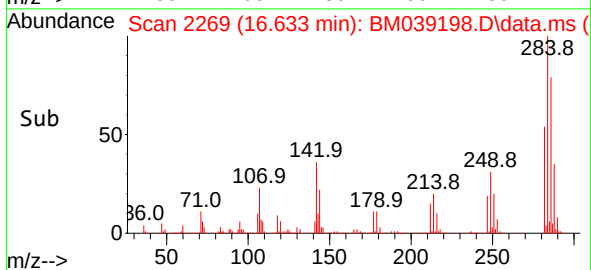
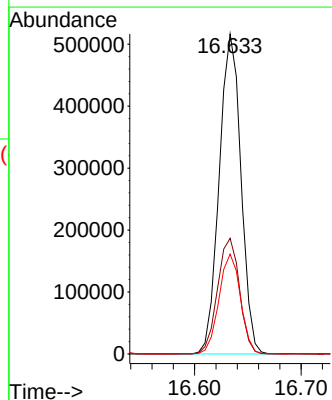
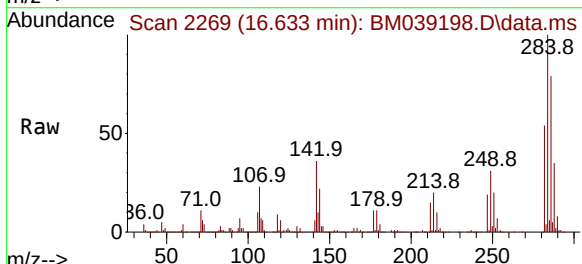
Instrument :
BNA_M
ClientSampleId :
SP6173

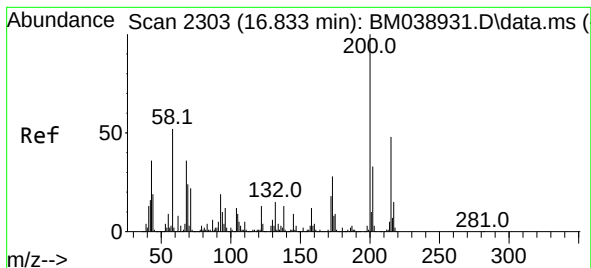
Tgt Ion:248 Resp: 683114
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 75.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.184 ng
RT: 16.633 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:284 Resp: 730320
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 31.2 25.0 37.4





#69

Atrazine

Concen: 59.573 ng

RT: 16.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

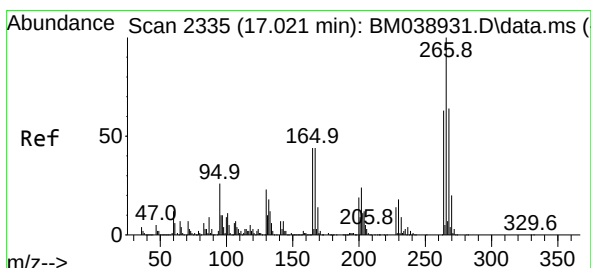
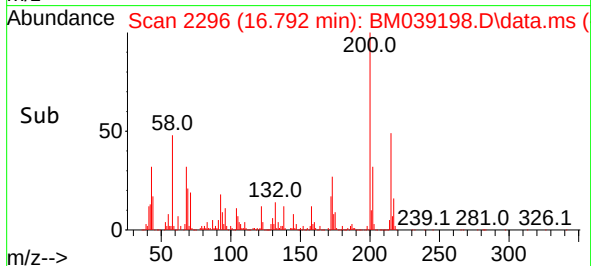
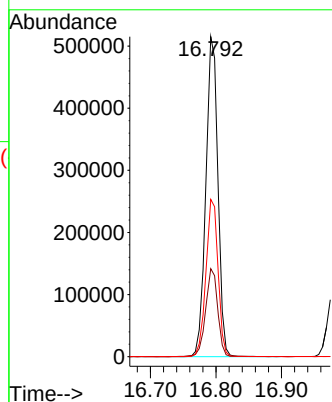
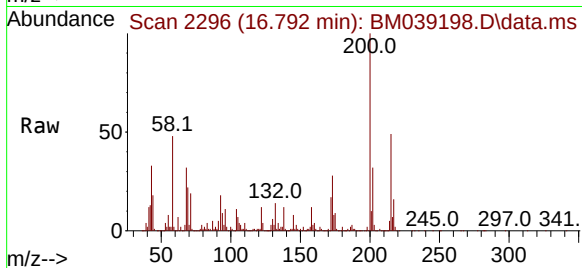
Tgt Ion:200 Resp: 661151

Ion Ratio Lower Upper

200 100

173 27.5 8.2 48.2

215 49.1 27.8 67.8



#70

Pentachlorophenol

Concen: 81.583 ng

RT: 16.980 min Scan# 2328

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

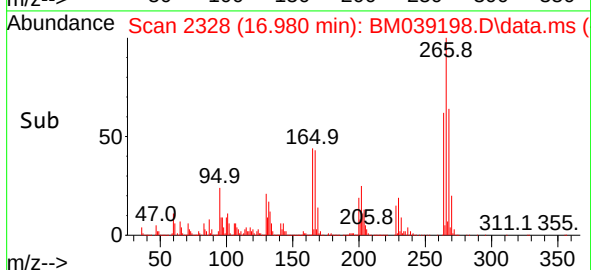
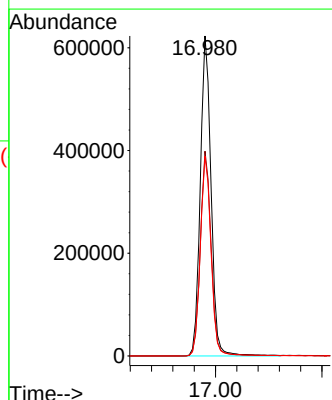
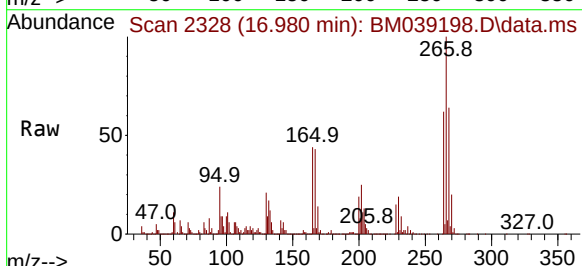
Tgt Ion:266 Resp: 873228

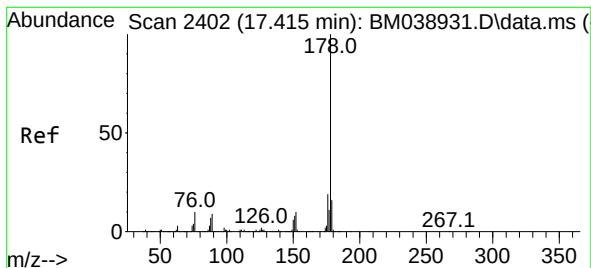
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 62.5 50.3 75.5





#71

Phenanthrene

Concen: 43.971 ng

RT: 17.374 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

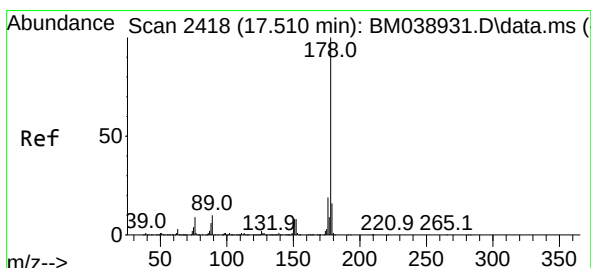
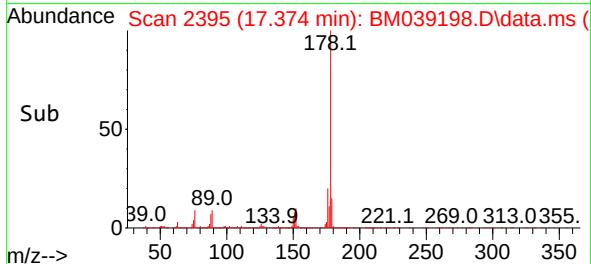
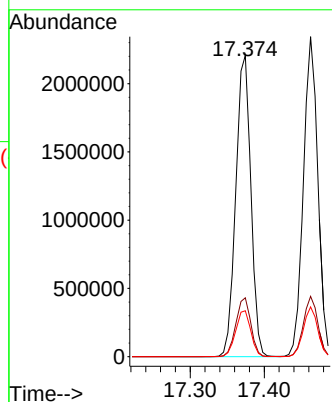
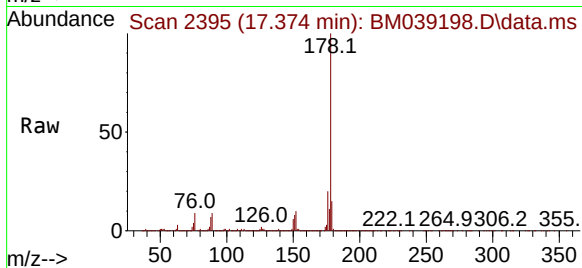
Tgt Ion:178 Resp: 3110377

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 45.176 ng

RT: 17.463 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

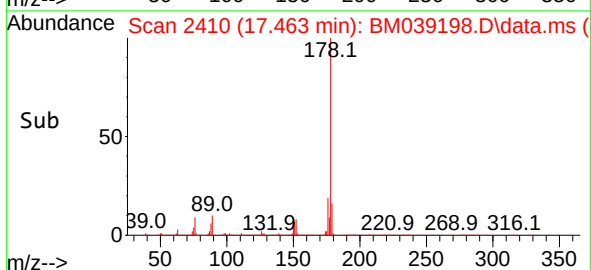
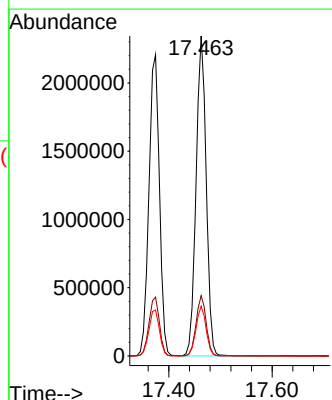
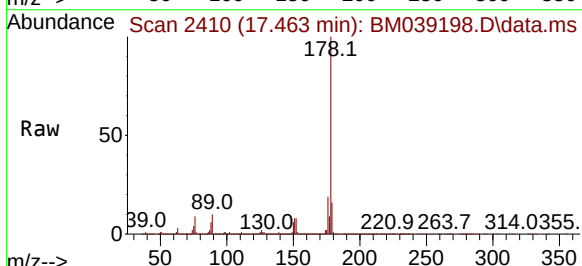
Tgt Ion:178 Resp: 3186829

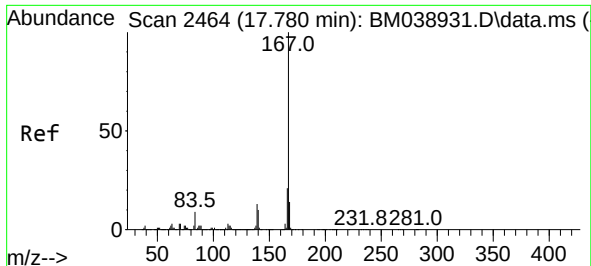
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.6 12.5 18.7

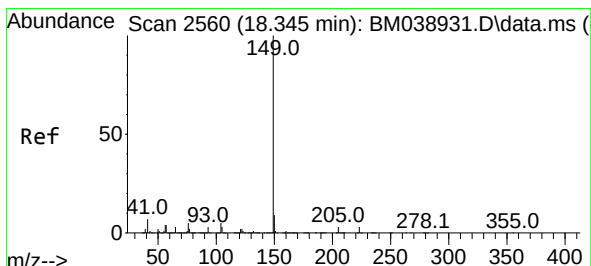
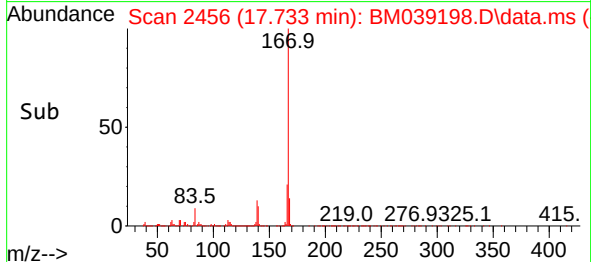
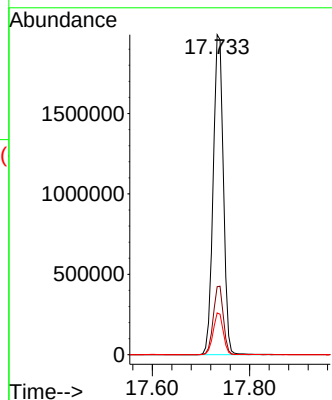
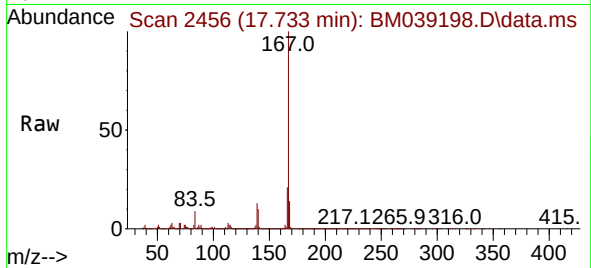




#73
 Carbazole
 Concen: 44.554 ng
 RT: 17.733 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

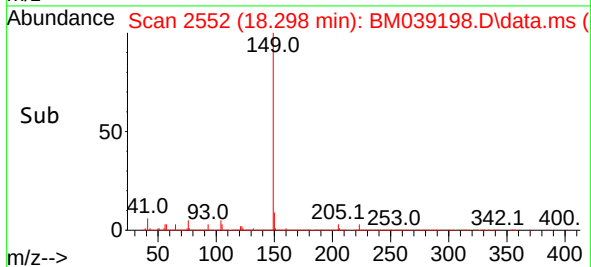
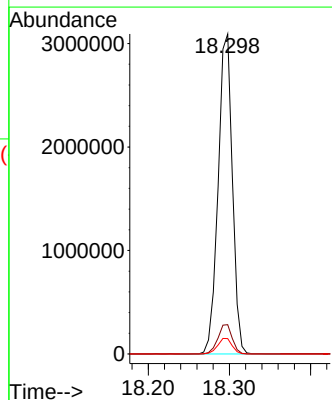
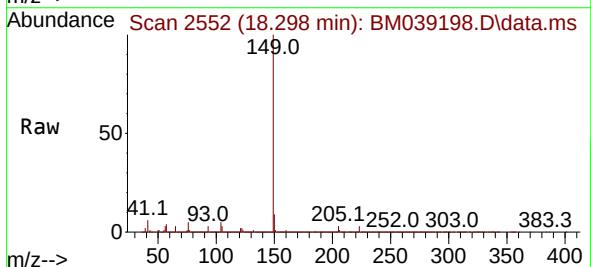
Instrument :
 BNA_M
 ClientSampleId :
 SP6173

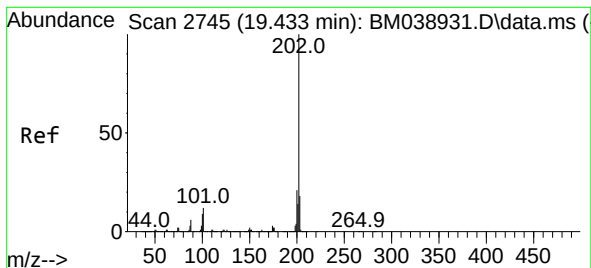
Tgt Ion:167 Resp: 2868398
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.0 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.027 ng
 RT: 18.298 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM039198.D
 Acq: 29 Mar 2023 02:29

Tgt Ion:149 Resp: 3771365
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 42.183 ng

RT: 19.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

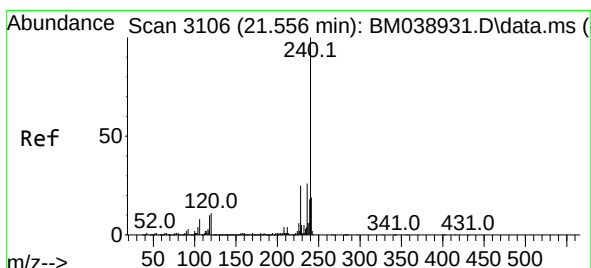
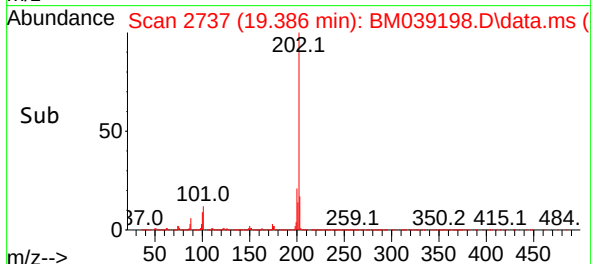
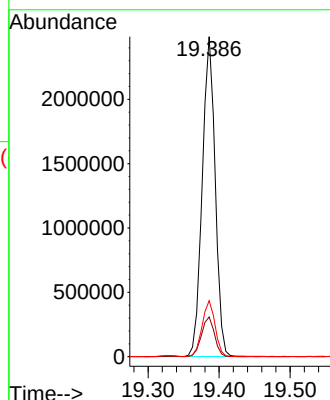
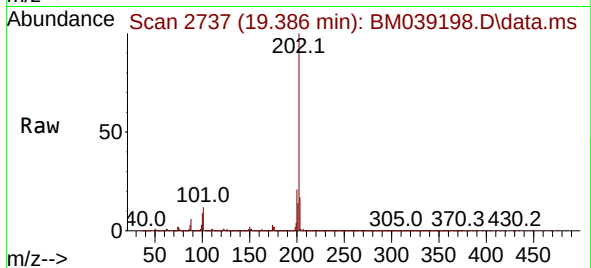
Tgt Ion:202 Resp: 3150537

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

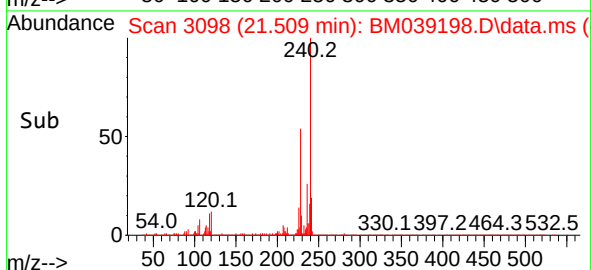
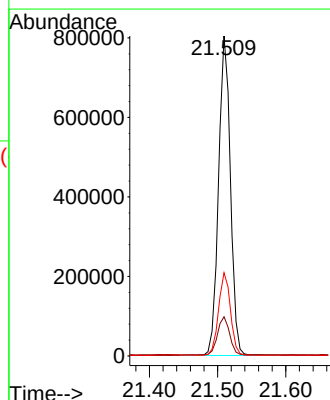
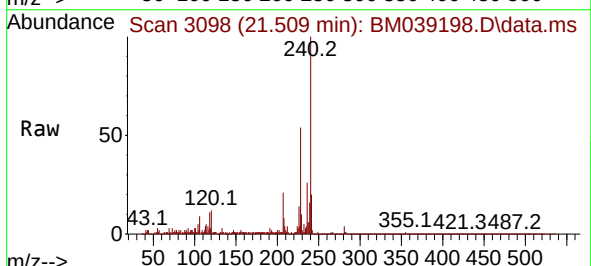
Tgt Ion:240 Resp: 971837

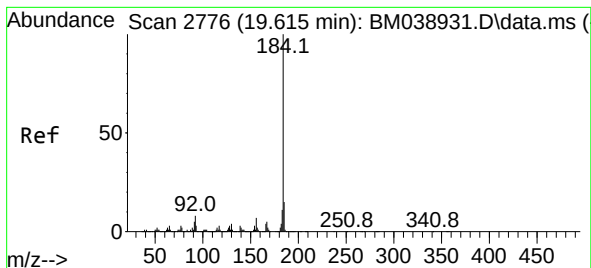
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.0 20.8 31.2





#77

Benzidine

Concen: 164.133 ng

RT: 19.580 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

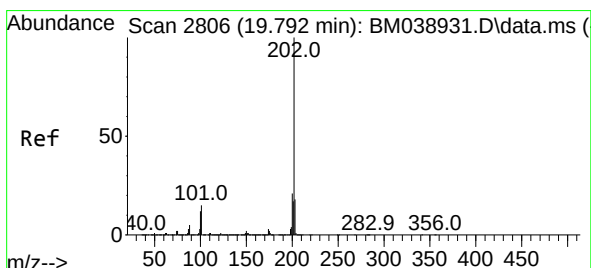
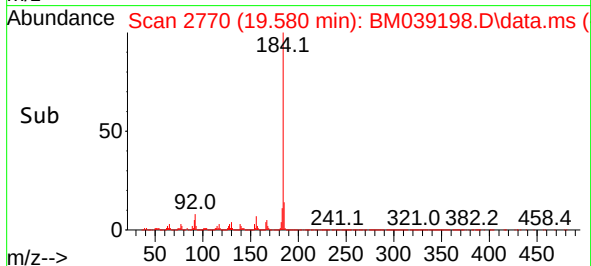
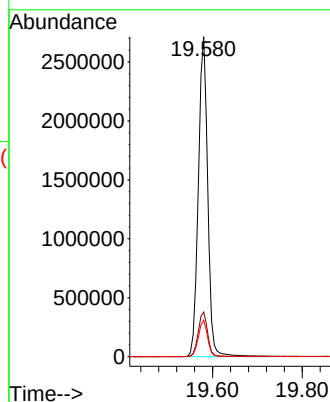
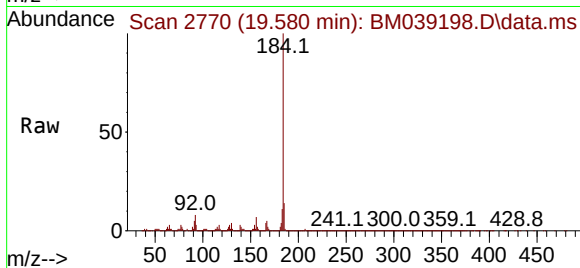
Tgt Ion:184 Resp: 3926831

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.4

183 11.3 8.8 13.2



#78

Pyrene

Concen: 45.141 ng

RT: 19.751 min Scan# 2799

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

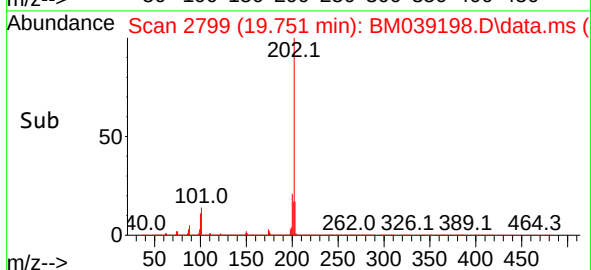
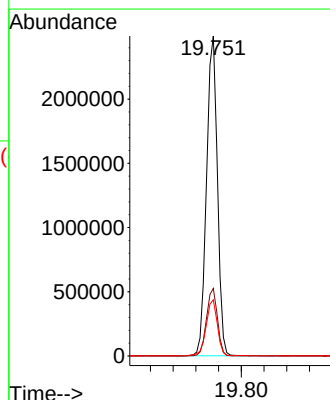
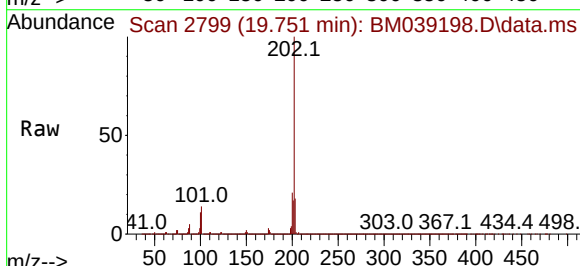
Tgt Ion:202 Resp: 3294990

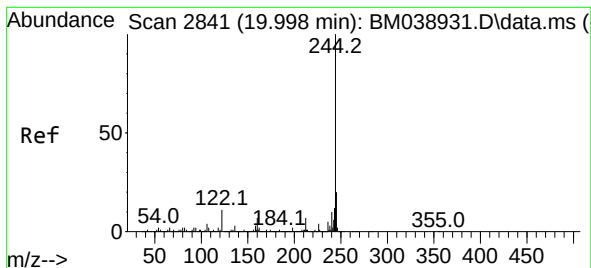
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 0.045 ng

RT: 19.945 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

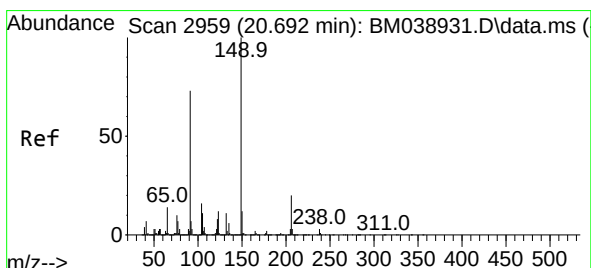
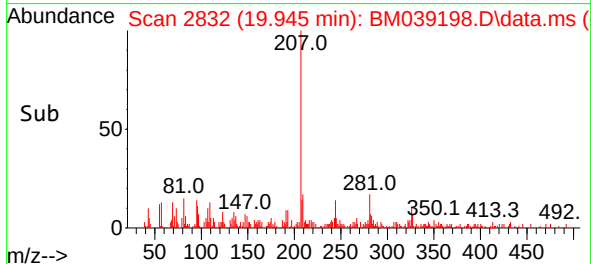
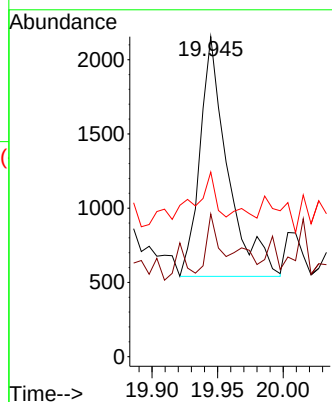
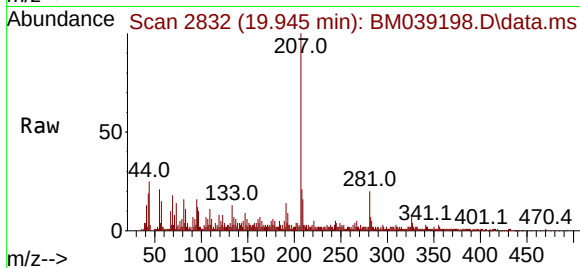
Tgt Ion:244 Resp: 2368

Ion Ratio Lower Upper

244 100

212 44.6 5.5 8.3#

122 57.7 9.0 13.4#



#80

Butylbenzylphthalate

Concen: 48.729 ng

RT: 20.639 min Scan# 2950

Delta R.T. -0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

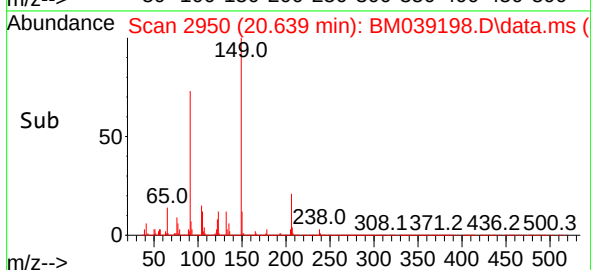
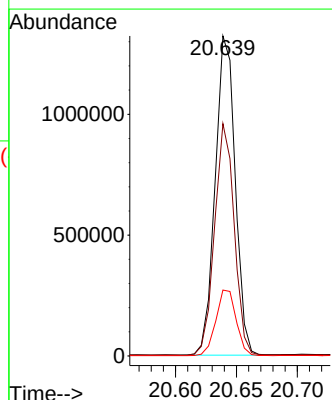
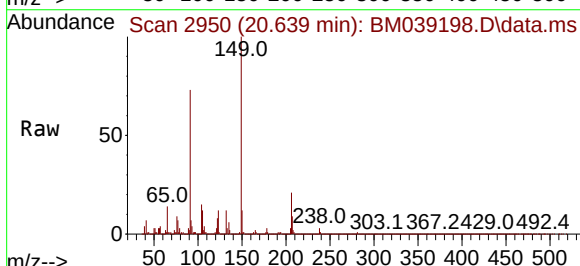
Tgt Ion:149 Resp: 1514067

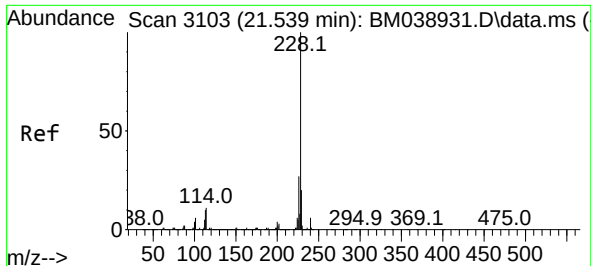
Ion Ratio Lower Upper

149 100

91 72.6 58.4 87.6

206 20.6 16.1 24.1

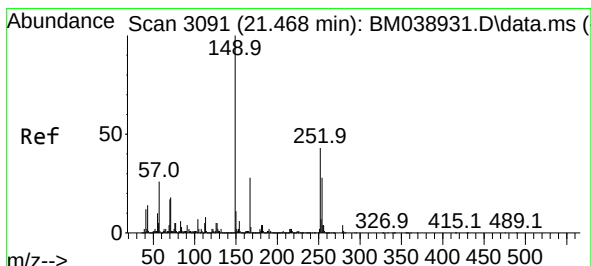
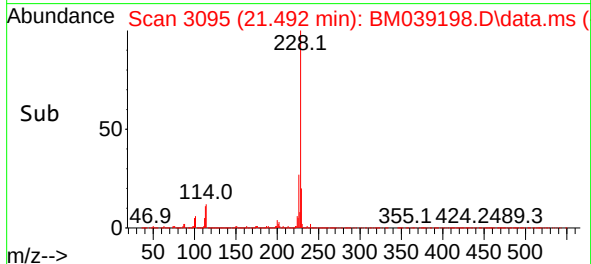
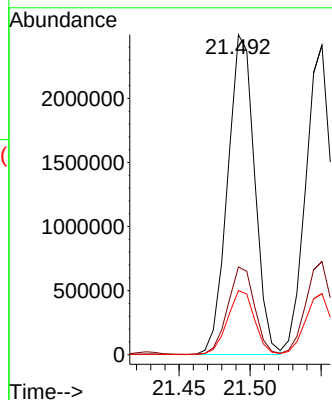
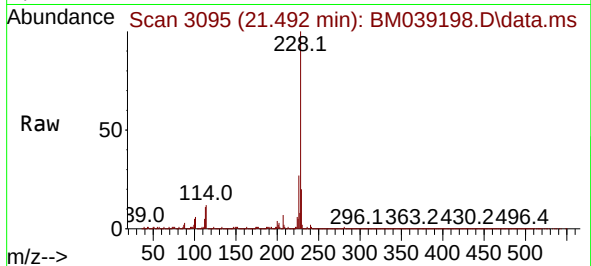




#81
Benzo(a)anthracene
Concen: 47.075 ng
RT: 21.492 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

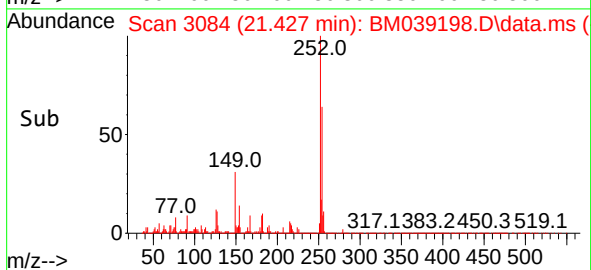
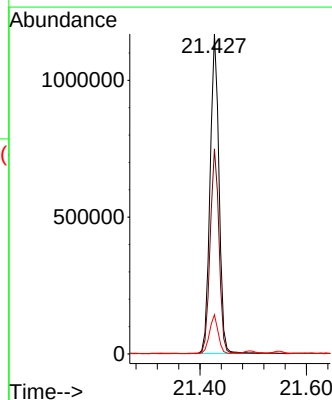
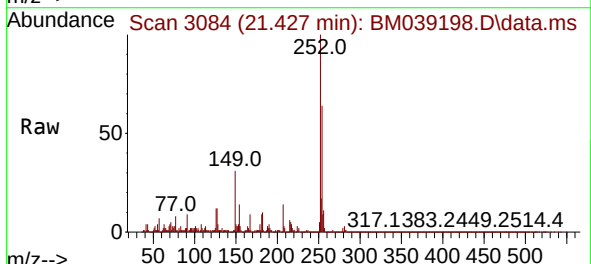
Instrument :
BNA_M
ClientSampleId :
SP6173

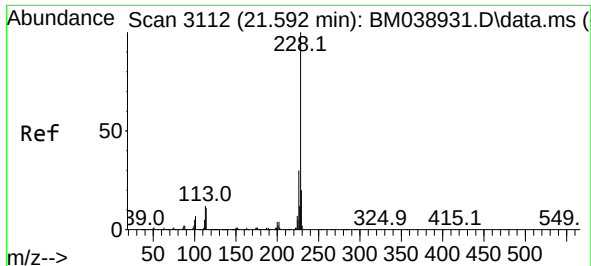
Tgt Ion:228 Resp: 3294658
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 62.791 ng
RT: 21.427 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:252 Resp: 1350601
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 12.2 9.9 14.9

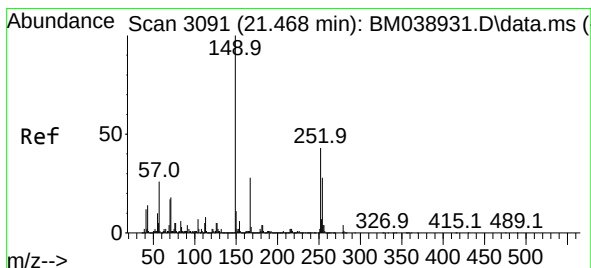
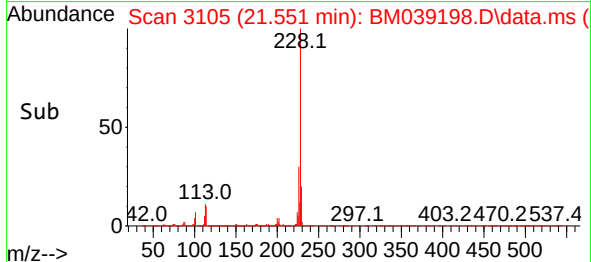
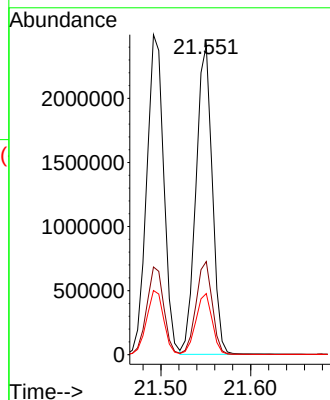
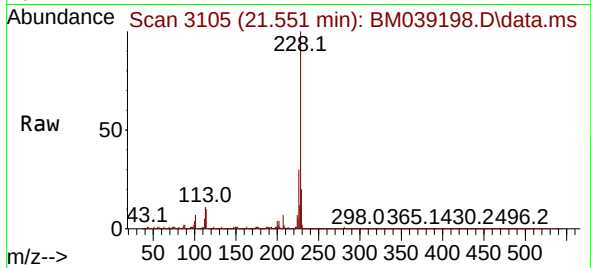




#83
Chrysene
Concen: 44.668 ng
RT: 21.551 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

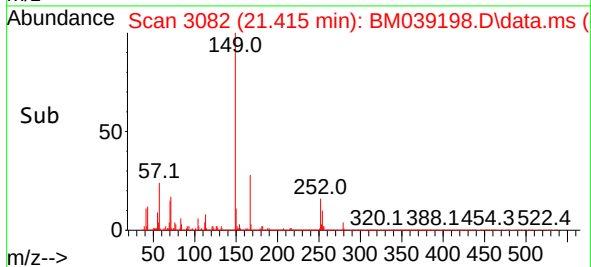
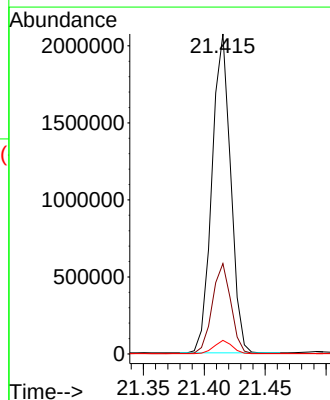
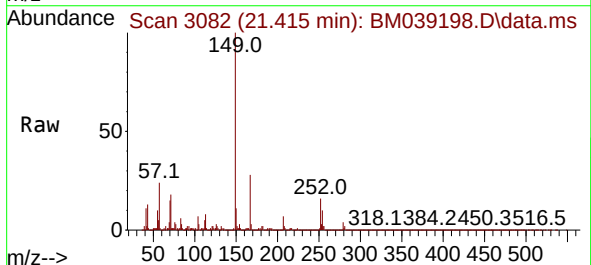
Instrument :
BNA_M
ClientSampleId :
SP6173

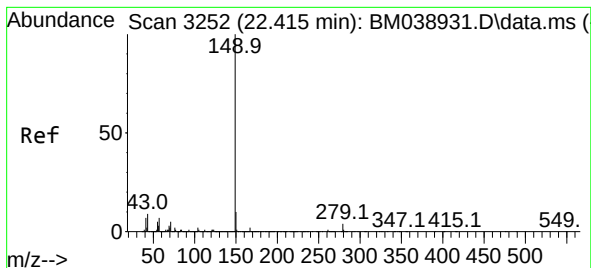
Tgt Ion:228 Resp: 3040484
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.271 ng
RT: 21.415 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BM039198.D
Acq: 29 Mar 2023 02:29

Tgt Ion:149 Resp: 2214171
Ion Ratio Lower Upper
149 100
167 28.2 22.3 33.5
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.544 ng

RT: 22.345 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

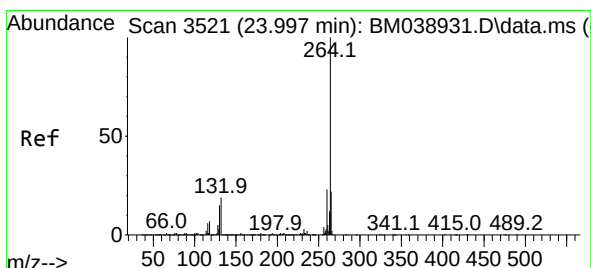
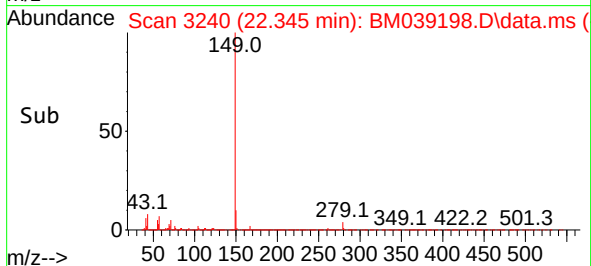
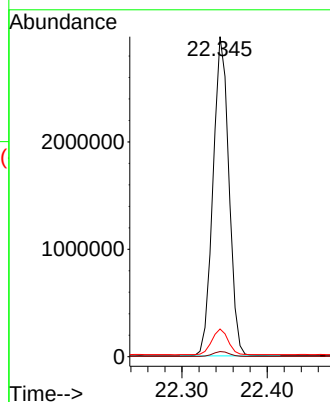
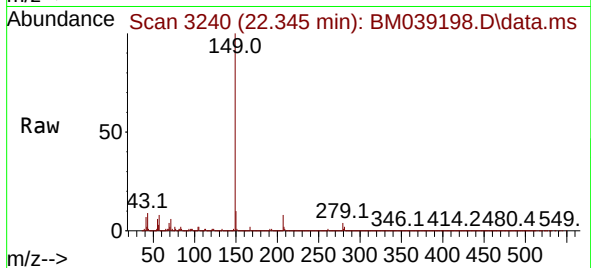
Tgt Ion:149 Resp: 3861181

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3509

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

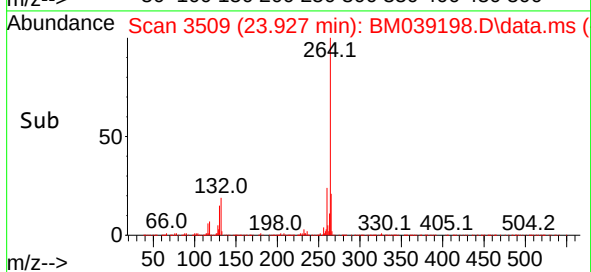
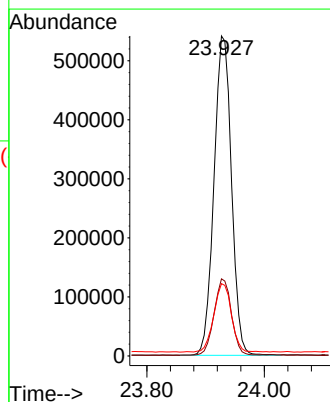
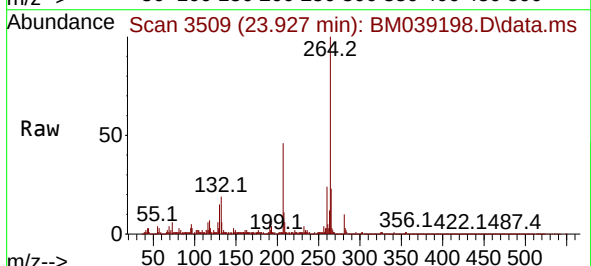
Tgt Ion:264 Resp: 1116884

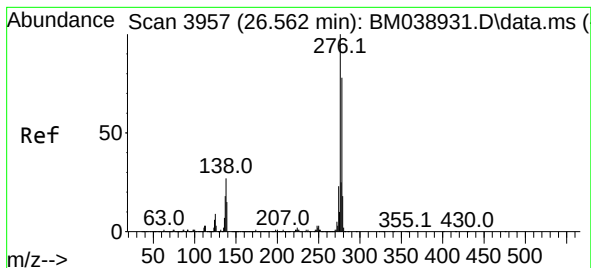
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.447 ng

RT: 26.456 min Scan# 3957

Delta R.T. 0.000 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

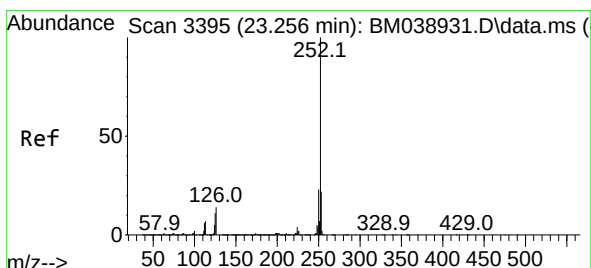
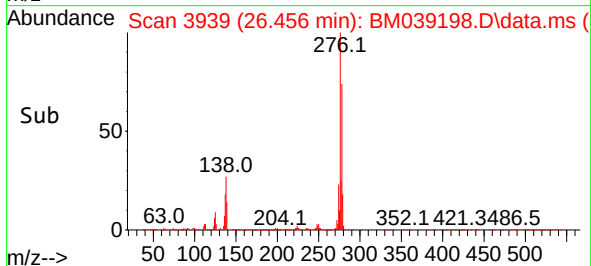
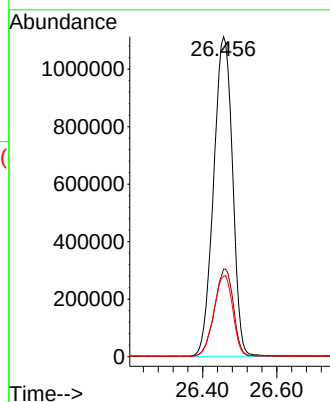
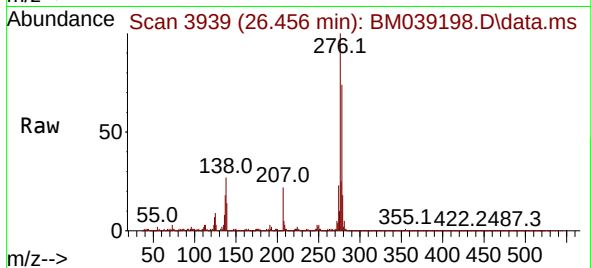
Tgt Ion:276 Resp: 3947405

Ion Ratio Lower Upper

276 100

138 27.2 22.1 33.1

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.440 ng

RT: 23.197 min Scan# 3385

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

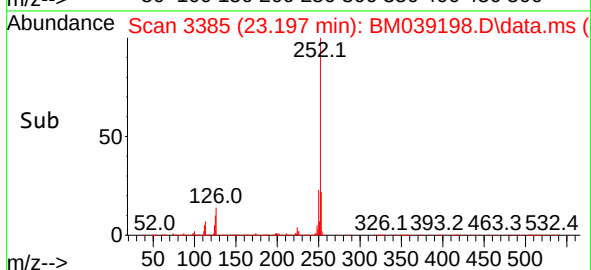
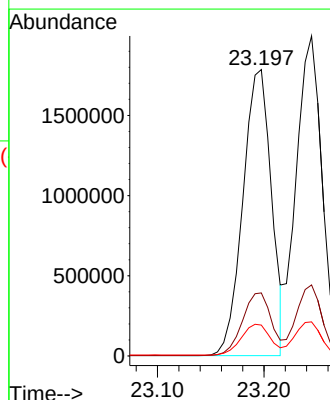
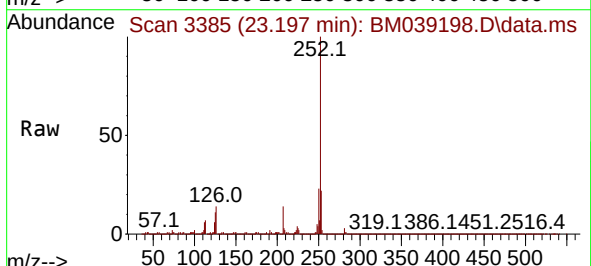
Tgt Ion:252 Resp: 3313694

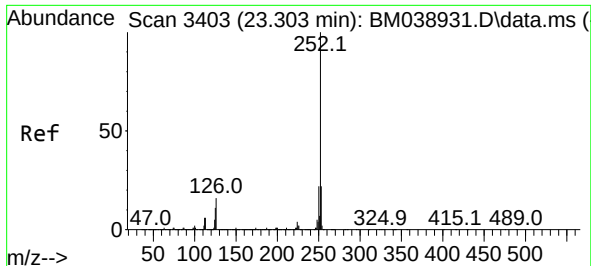
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.8 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 45.144 ng

RT: 23.245 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

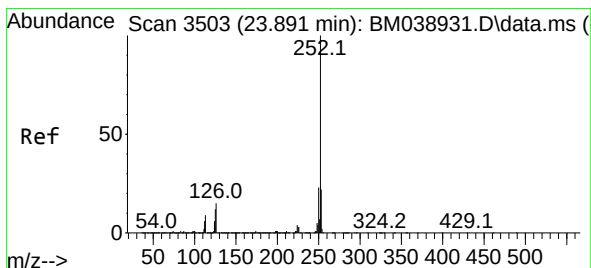
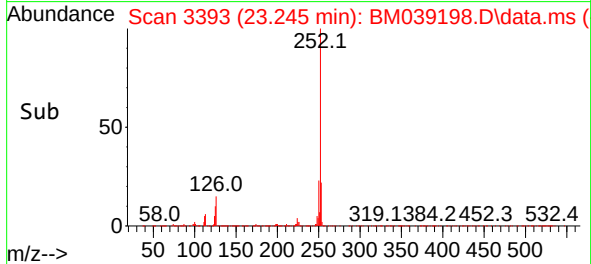
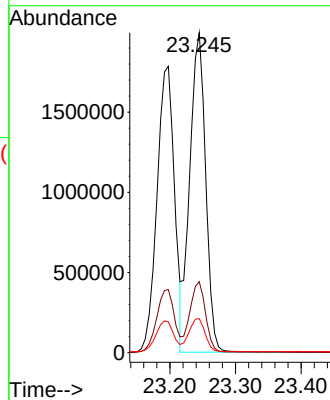
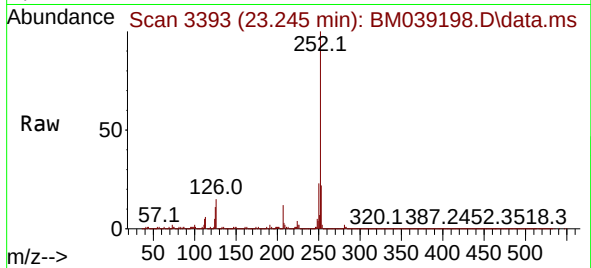
Tgt Ion:252 Resp: 3352285

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 43.925 ng

RT: 23.827 min Scan# 3492

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

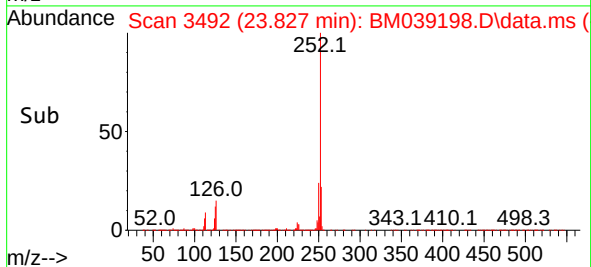
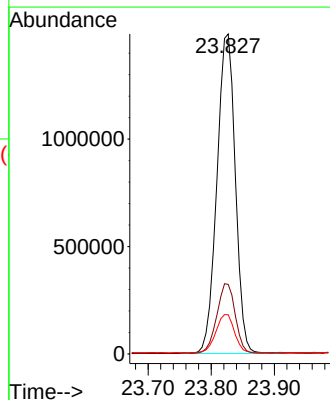
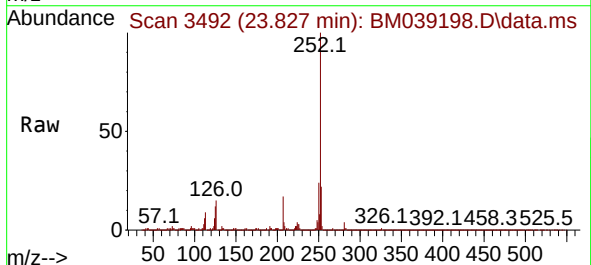
Tgt Ion:252 Resp: 3016437

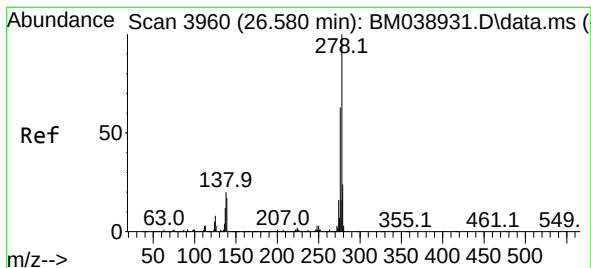
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 45.658 ng

RT: 26.474 min Scan# 3960

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Instrument :

BNA_M

ClientSampleId :

SP6173

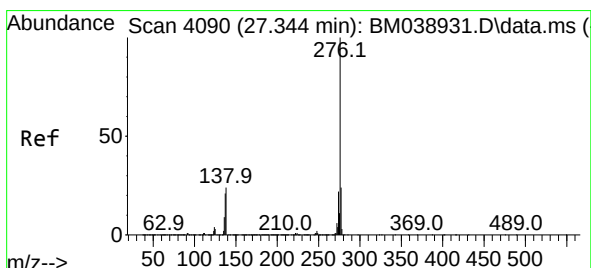
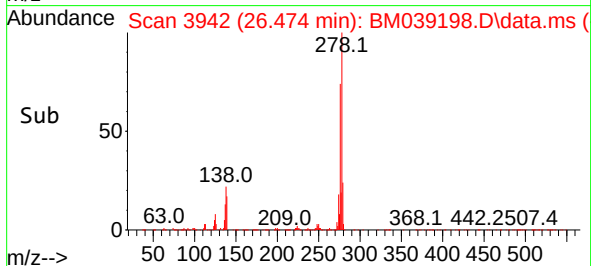
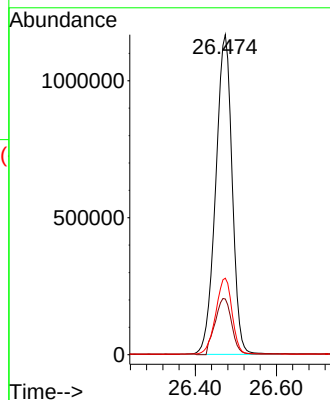
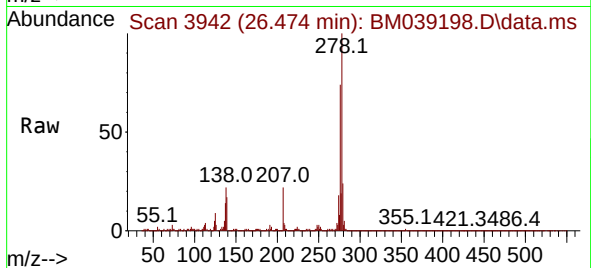
Tgt Ion:278 Resp: 3286135

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.130 ng

RT: 27.233 min Scan# 4071

Delta R.T. 0.006 min

Lab File: BM039198.D

Acq: 29 Mar 2023 02:29

Tgt Ion:276 Resp: 3248284

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 23.9 19.0 28.6

