

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039296.D
 Acq On : 04 Apr 2023 13:52
 Operator : CG/JU
 Sample : PB151822BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151822BS

Quant Time: Apr 04 17:39:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	327706	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1269733	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	657203	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1130195	20.000	ng	0.00
76) Chrysene-d12	21.498	240	717572	20.000	ng	0.00
86) Perylene-d12	23.903	264	722747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3156298	145.108	ng	0.00
7) Phenol-d6	7.093	99	3807606	135.340	ng	0.00
23) Nitrobenzene-d5	9.087	82	2363157	90.456	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1003541	120.292	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4379251	90.284	ng	0.00
79) Terphenyl-d14	19.933	244	4136689	106.509	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	327625	36.850	ng	99
3) Pyridine	3.752	79	908063	36.458	ng	99
4) n-Nitrosodimethylamine	3.663	42	451858	46.193	ng	98
6) Aniline	7.240	93	1439526	41.341	ng	99
8) 2-Chlorophenol	7.481	128	1052202	47.263	ng	98
9) Benzaldehyde	7.051	77	626846	39.125	ng	98
10) Phenol	7.116	94	1337128	47.426	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1045107	46.078	ng	99
12) 1,3-Dichlorobenzene	7.804	146	1105819	46.837	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1126819	47.200	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1089716	47.736	ng	98
15) Benzyl Alcohol	8.163	79	904542	46.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1350397	46.548	ng	99
17) 2-Methylphenol	8.369	107	852185	43.202	ng	99
18) Hexachloroethane	8.992	117	437154	47.339	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	769887	42.809	ng	100
20) 3+4-Methylphenols	8.698	107	1141182	43.054	ng	98
22) Acetophenone	8.745	105	1555923	45.831	ng	99
24) Nitrobenzene	9.128	77	1178162	45.340	ng	100
25) Isophorone	9.657	82	2054889	42.162	ng	99
26) 2-Nitrophenol	9.839	139	554260	46.142	ng	99
27) 2,4-Dimethylphenol	9.904	122	909902	45.590	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1275904	43.247	ng	100
29) 2,4-Dichlorophenol	10.375	162	879336	45.157	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	954623	45.823	ng	99
31) Naphthalene	10.775	128	3005553	43.929	ng	99
32) Benzoic acid	10.075	122	667675	42.922	ng	99
33) 4-Chloroaniline	10.892	127	630771	21.044	ng	99
34) Hexachlorobutadiene	11.057	225	551770	45.043	ng	99
35) Caprolactam	11.698	113	254324	37.615	ng	95
36) 4-Chloro-3-methylphenol	12.022	107	871365	40.558	ng	98
37) 2-Methylnaphthalene	12.386	142	1883824	39.552	ng	100
38) 1-Methylnaphthalene	12.604	142	1751245	39.268	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	960823	48.018	ng	99
41) Hexachlorocyclopentadiene	12.733	237	1278218	116.931	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	625077	45.806	ng	100

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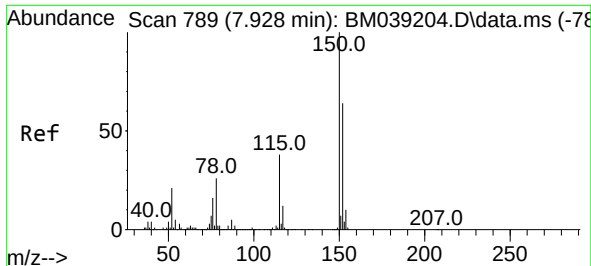
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	656477	41.036	ng	98
46) 1,1'-Biphenyl	13.398	154	2426335	46.752	ng	99
47) 2-Chloronaphthalene	13.439	162	1859309	47.316	ng	99
48) 2-Nitroaniline	13.651	65	570894	43.172	ng	100
49) Acenaphthylene	14.286	152	2823268	43.715	ng	99
50) Dimethylphthalate	14.027	163	2020483	39.892	ng	100
51) 2,6-Dinitrotoluene	14.145	165	451064	41.413	ng	97
52) Acenaphthene	14.627	154	1650377	43.276	ng	99
53) 3-Nitroaniline	14.474	138	324578	25.778	ng	96
54) 2,4-Dinitrophenol	14.686	184	551486	85.499	ng	98
55) Dibenzofuran	14.963	168	2569043	41.843	ng	99
56) 4-Nitrophenol	14.792	139	788839	81.244	ng	96
57) 2,4-Dinitrotoluene	14.933	165	594253	40.332	ng	94
58) Fluorene	15.610	166	1989467	40.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	527830	41.474	ng	100
60) Diethylphthalate	15.386	149	1954567	38.340	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	974959	40.464	ng	99
62) 4-Nitroaniline	15.639	138	460238	35.619	ng	99
63) Azobenzene	15.898	77	2093673	40.992	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	327650	44.067	ng	96
66) n-Nitrosodiphenylamine	15.821	169	1681602	47.217	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	559634	46.366	ng	99
68) Hexachlorobenzene	16.616	284	630953	48.212	ng	98
69) Atrazine	16.774	200	512005	45.391	ng	99
70) Pentachlorophenol	16.963	266	767842	81.777	ng	100
71) Phenanthrene	17.351	178	2721083	43.960	ng	100
72) Anthracene	17.445	178	2802695	44.405	ng	100
73) Carbazole	17.715	167	2480025	42.050	ng	100
74) Di-n-butylphthalate	18.274	149	2832232	38.821	ng	100
75) Fluoranthene	19.368	202	2620233	37.135	ng	100
77) Benzidine	19.557	184	1170818	61.860	ng	100
78) Pyrene	19.733	202	2703599	52.925	ng	100
80) Butylbenzylphthalate	20.627	149	1015922	43.410	ng	98
81) Benzo(a)anthracene	21.480	228	2257238	44.603	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	649603	38.532	ng	99
83) Chrysene	21.533	228	2137266	43.747	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	1384684	40.062	ng	99
85) Di-n-octyl phthalate	22.327	149	2237950	35.938	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	2439877	45.818	ng	100
88) Benzo(b)fluoranthene	23.174	252	2128925	48.140	ng	100
89) Benzo(k)fluoranthene	23.221	252	2024831	44.950	ng	99
90) Benzo(a)pyrene	23.797	252	1840341	42.362	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	2036830	45.552	ng	99
92) Benzo(g,h,i)perylene	27.185	276	2048400	46.582	ng	98

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

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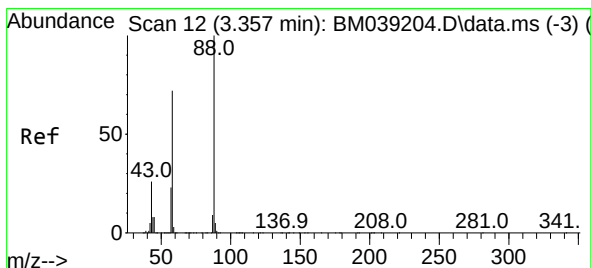
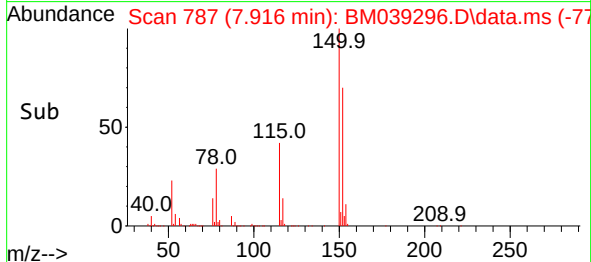
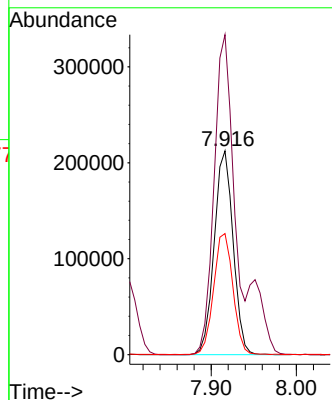
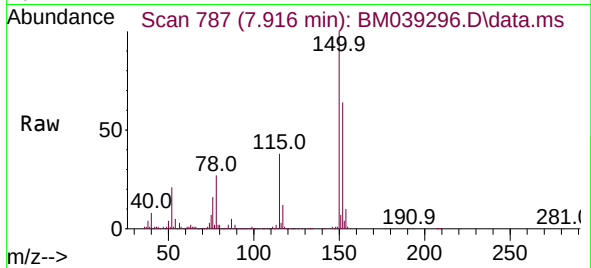




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

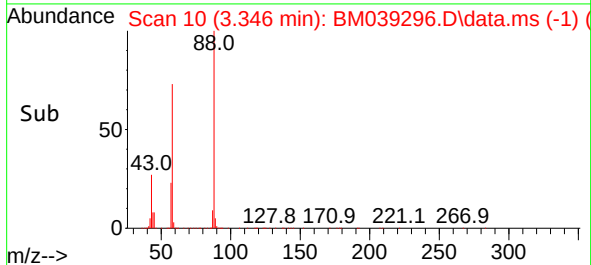
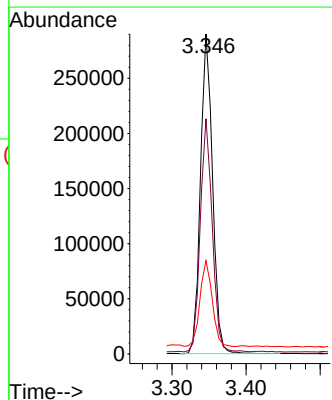
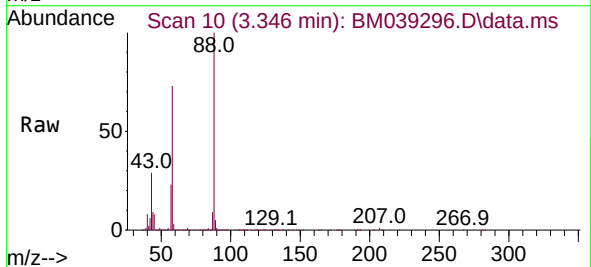
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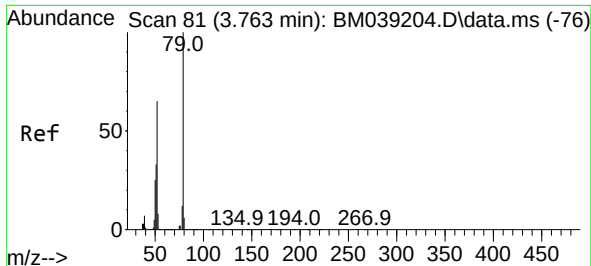
Tgt Ion:152 Resp: 327706
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.5 188.3
 115 59.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: 36.850 ng
 RT: 3.346 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

Tgt Ion: 88 Resp: 327625
 Ion Ratio Lower Upper
 88 100
 58 72.0 57.9 86.9
 43 27.2 21.4 32.2

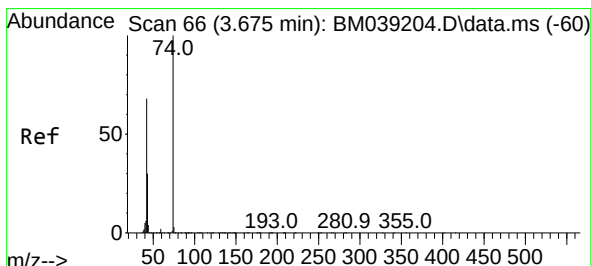
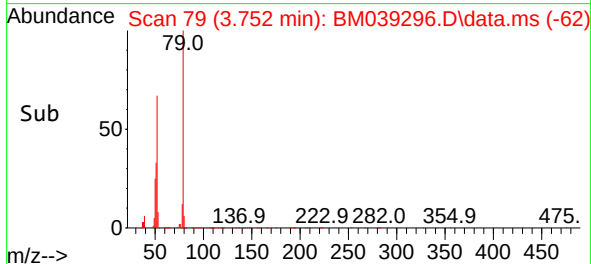
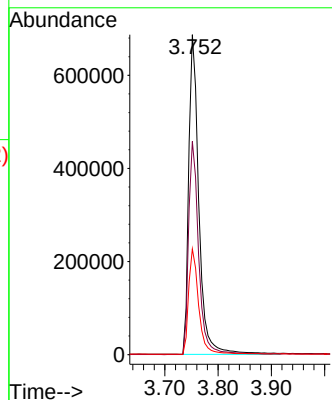
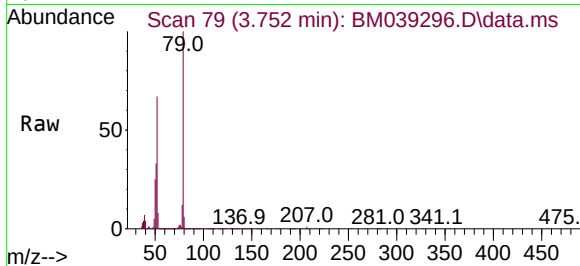




#3
 Pyridine
 Concen: 36.458 ng
 RT: 3.752 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

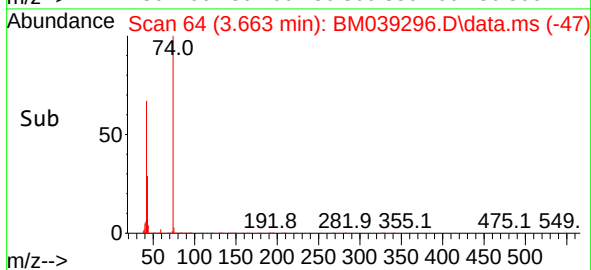
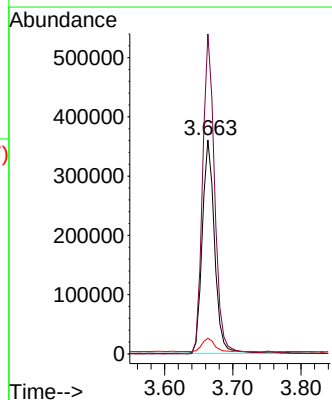
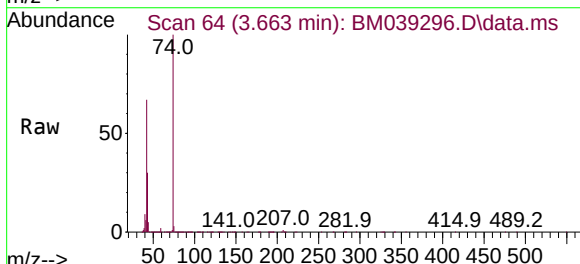
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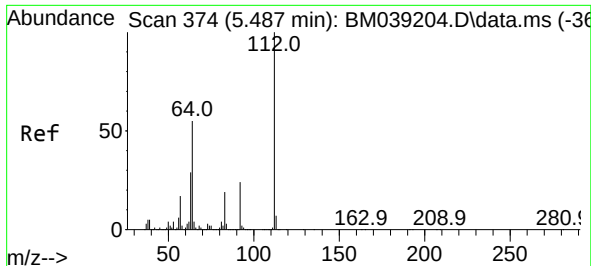
Tgt Ion: 79 Resp: 908063
 Ion Ratio Lower Upper
 79 100
 52 66.6 52.0 78.0
 51 33.0 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 46.193 ng
 RT: 3.663 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

Tgt Ion: 42 Resp: 451858
 Ion Ratio Lower Upper
 42 100
 74 149.7 118.1 177.1
 44 7.3 6.3 9.5

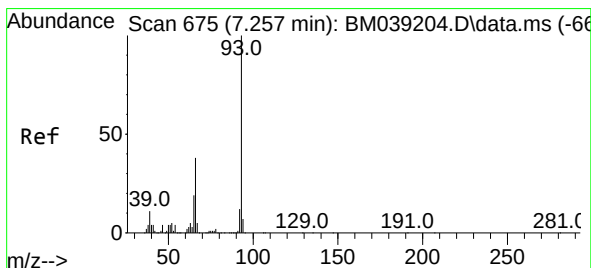
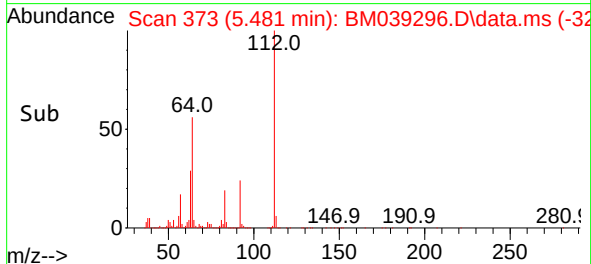
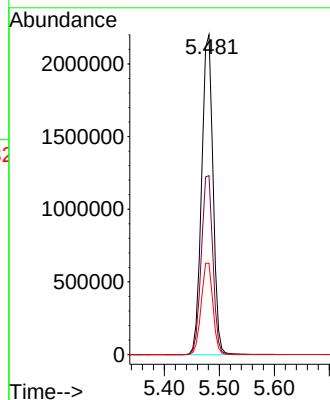
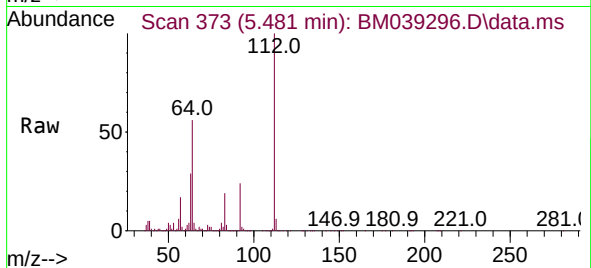




#5
2-Fluorophenol
Concen: 145.108 ng
RT: 5.481 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

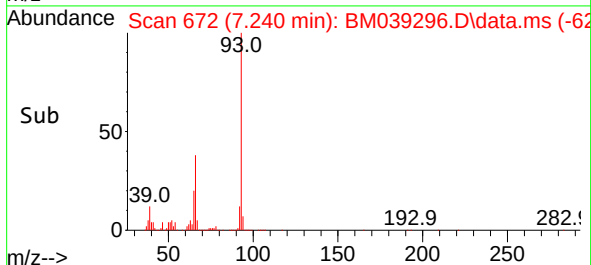
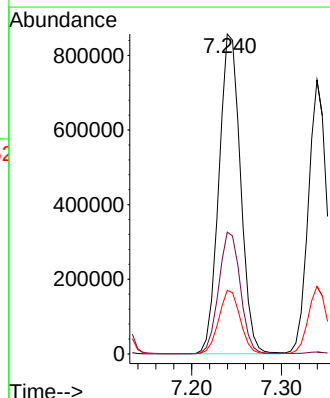
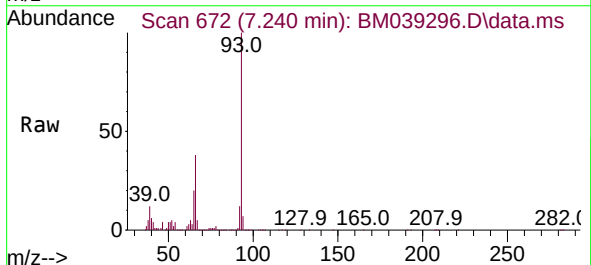
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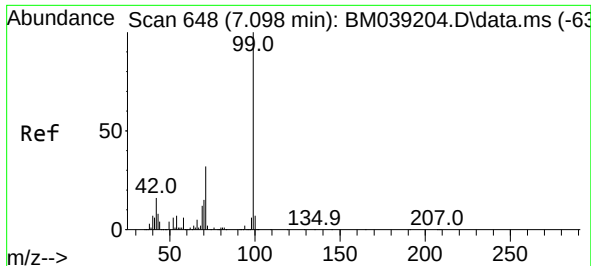
Tgt Ion:112 Resp: 3156298
Ion Ratio Lower Upper
112 100
64 55.9 44.3 66.5
63 28.6 23.0 34.6



#6
Aniline
Concen: 41.341 ng
RT: 7.240 min Scan# 672
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 93 Resp: 1439526
Ion Ratio Lower Upper
93 100
66 38.1 30.1 45.1
65 19.9 15.5 23.3



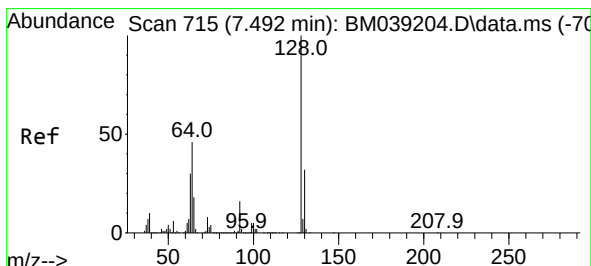
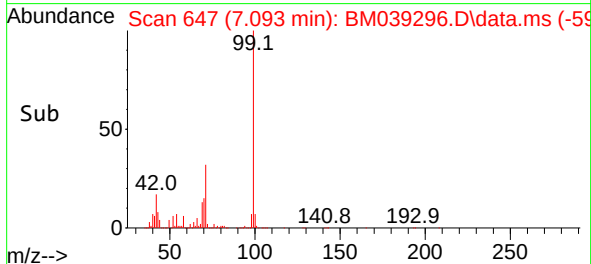
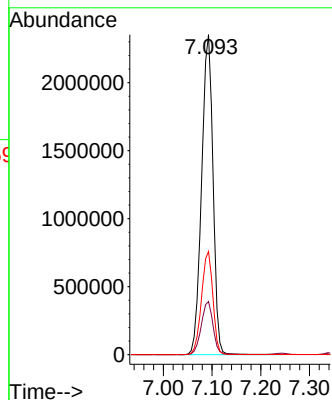
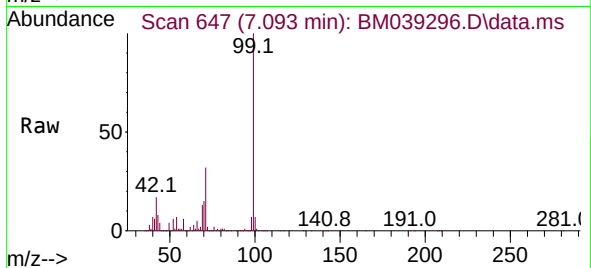


#7
Phenol-d6
Concen: 135.340 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Instrument :
BNA_M
ClientSampleId :
PB151822BS

Tgt Ion: 99 Resp: 3807606

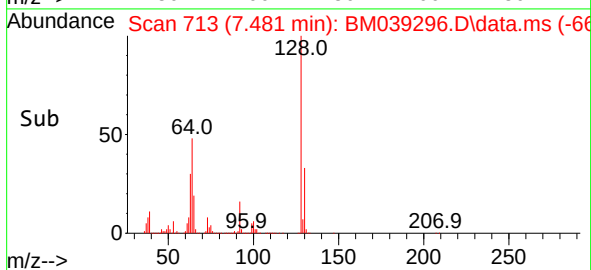
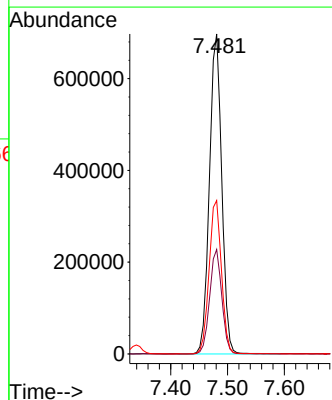
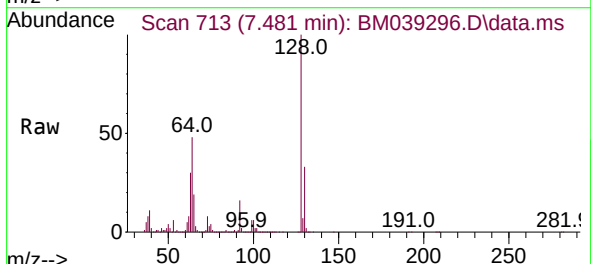
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	32.2	25.5	38.3

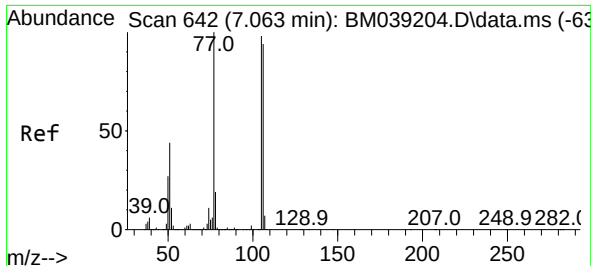


#8
2-Chlorophenol
Concen: 47.263 ng
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 128 Resp: 1052202

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	47.9	25.9	65.9

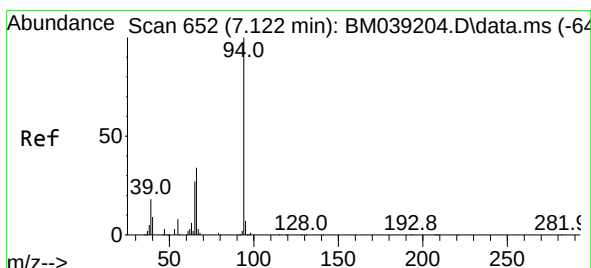
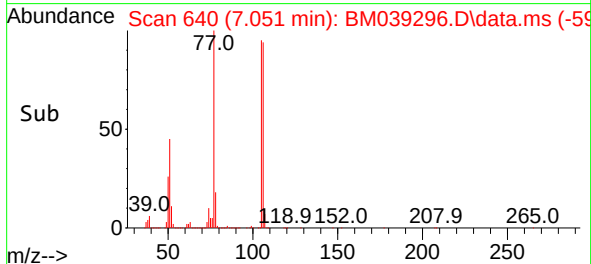
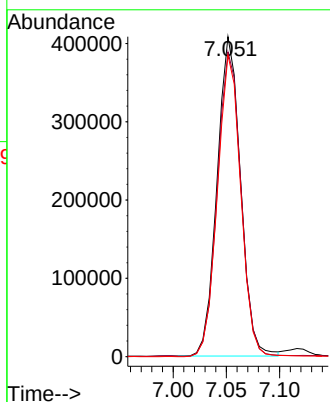
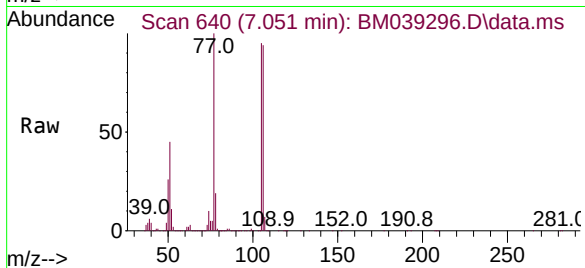




#9
Benzaldehyde
Concen: 39.125 ng
RT: 7.051 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

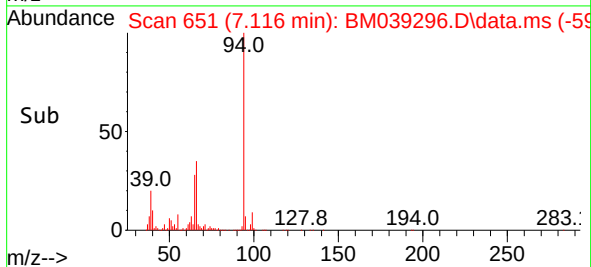
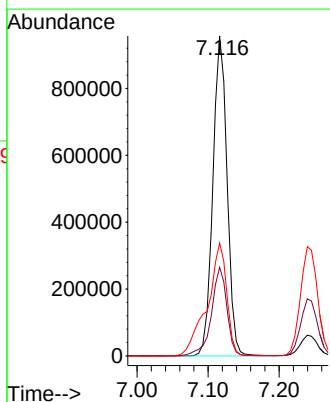
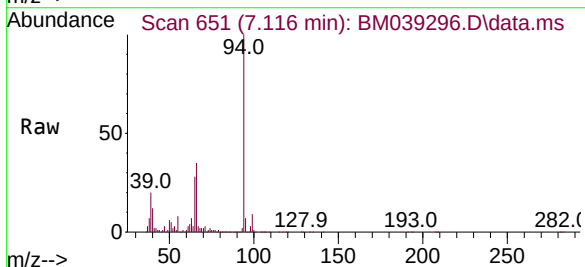
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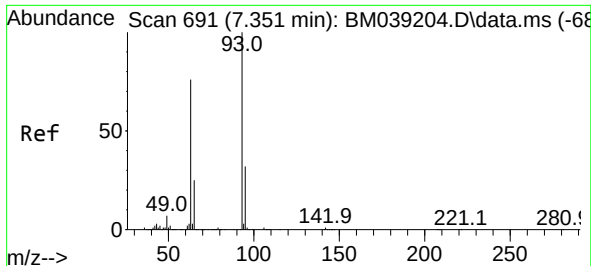
Tgt Ion: 77 Resp: 626846
Ion Ratio Lower Upper
77 100
105 95.2 78.2 118.2
106 94.2 73.8 113.8



#10
Phenol
Concen: 47.426 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 94 Resp: 1337128
Ion Ratio Lower Upper
94 100
65 27.7 7.2 47.2
66 35.3 15.2 55.2

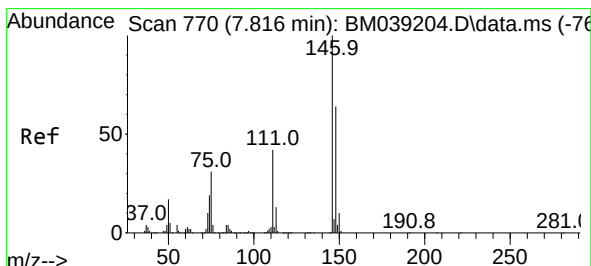
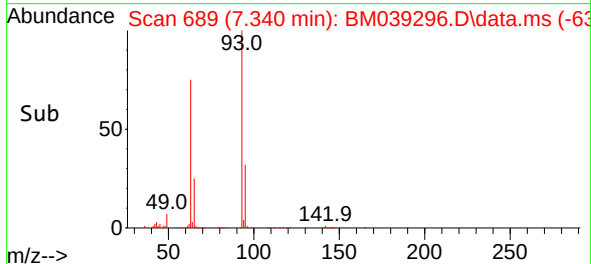
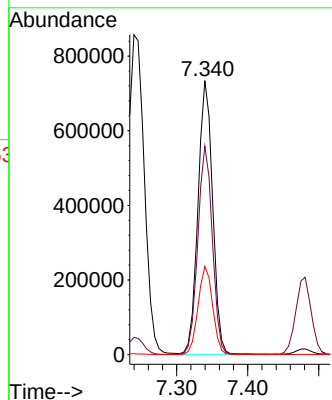
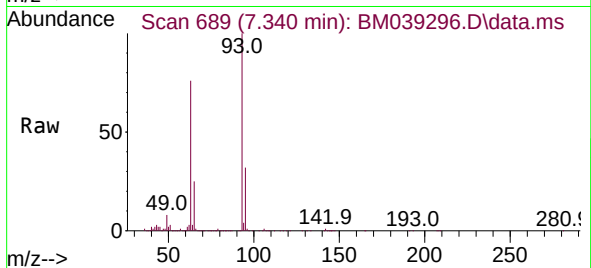




#11
bis(2-Chloroethyl)ether
Concen: 46.078 ng
RT: 7.340 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

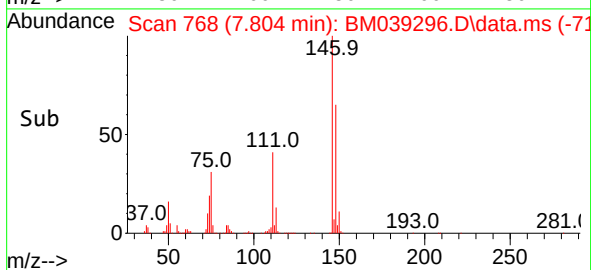
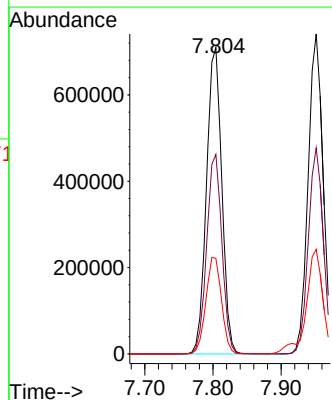
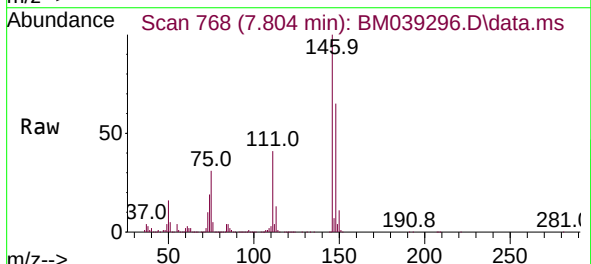
Instrument :
BNA_M
ClientSampleId :
PB151822BS

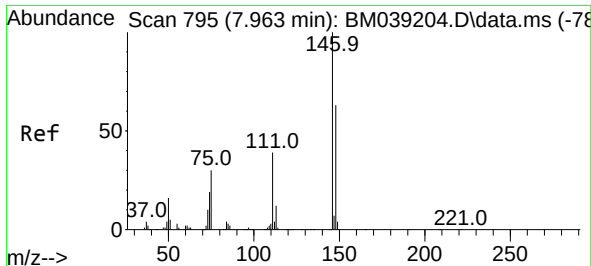
Tgt Ion: 93 Resp: 1045107
Ion Ratio Lower Upper
93 100
63 76.1 55.5 95.5
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.837 ng
RT: 7.804 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:146 Resp: 1105819
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 31.2 25.2 37.8

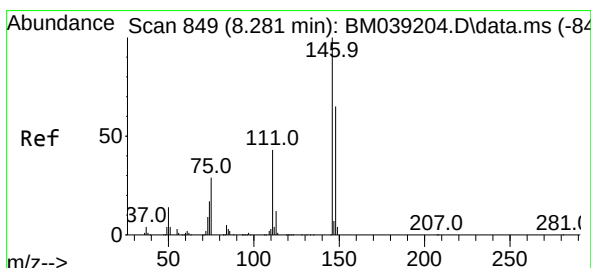
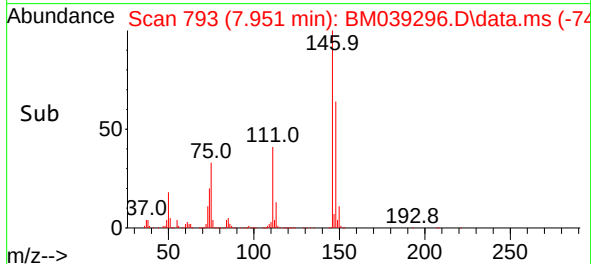
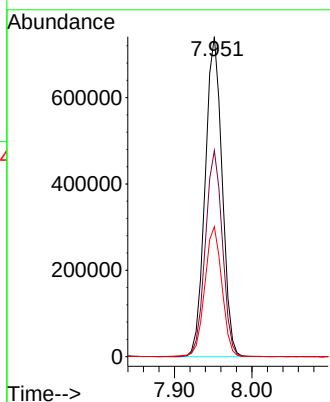
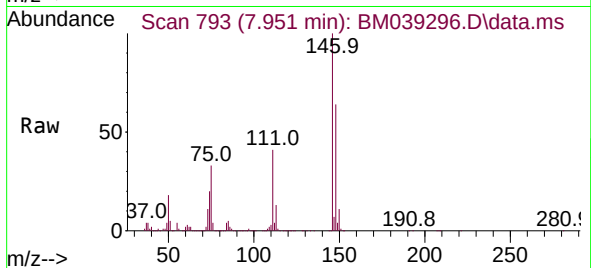




#13
1,4-Dichlorobenzene
Concen: 47.200 ng
RT: 7.951 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

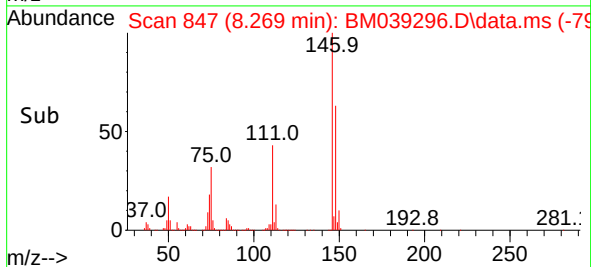
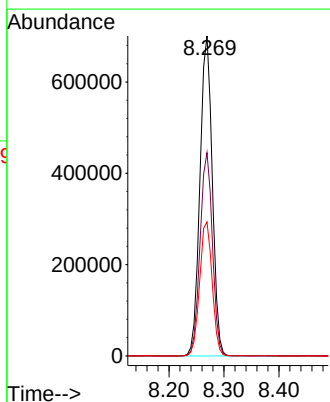
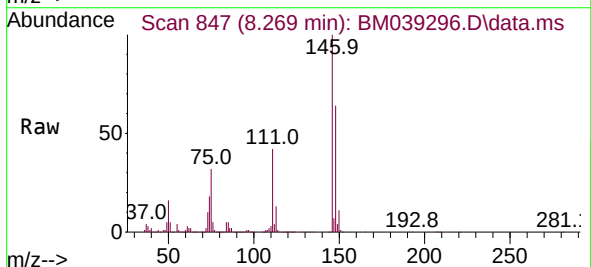
Instrument :
BNA_M
ClientSampleId :
PB151822BS

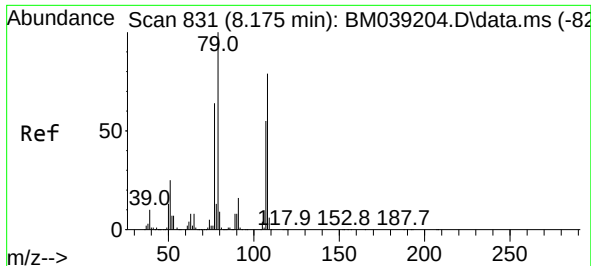
Tgt Ion:146 Resp: 1126819
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 47.736 ng
RT: 8.269 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:146 Resp: 1089716
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
111 41.9 34.5 51.7

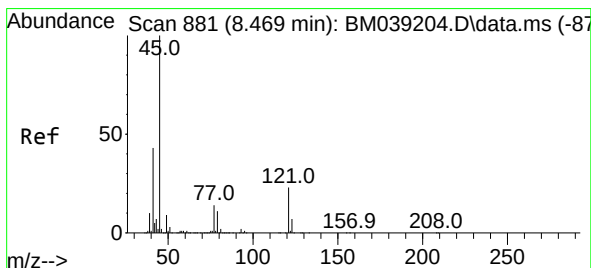
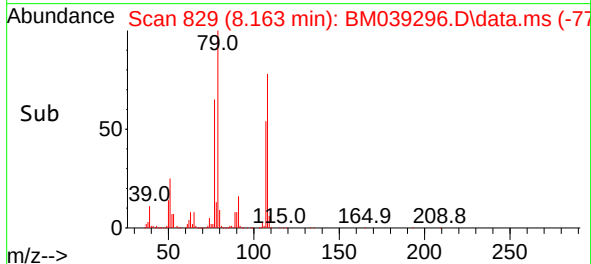
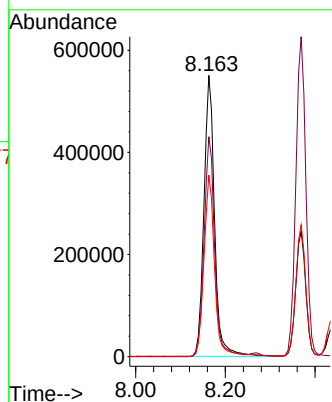
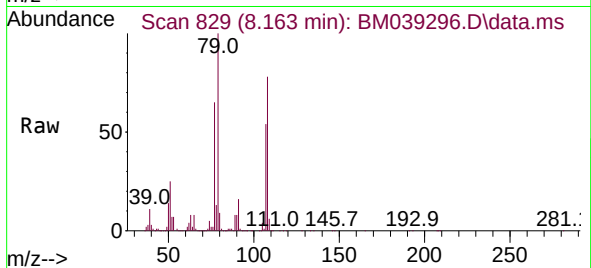




#15
Benzyl Alcohol
Concen: 46.745 ng
RT: 8.163 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

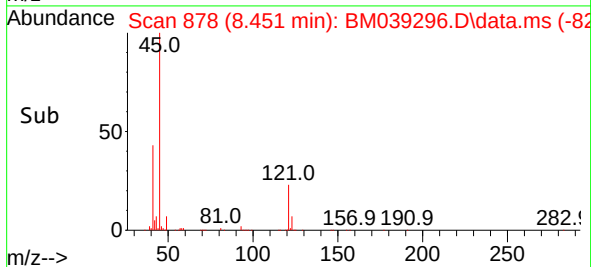
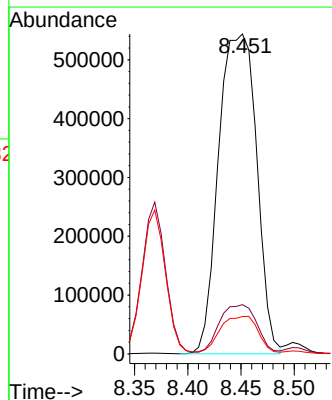
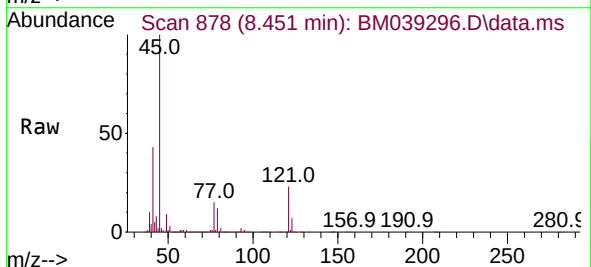
Instrument :
BNA_M
ClientSampleId :
PB151822BS

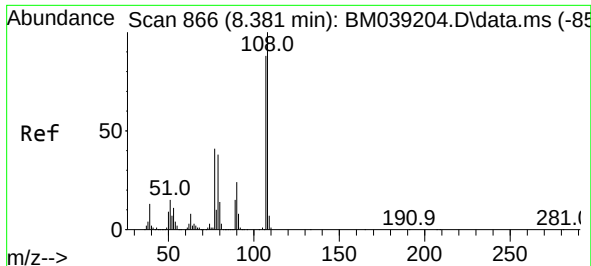
Tgt Ion: 79 Resp: 904542
Ion Ratio Lower Upper
79 100
108 78.2 63.4 95.0
77 64.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.548 ng
RT: 8.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 45 Resp: 1350397
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.7 0.0 32.2





#17

2-Methylphenol

Concen: 43.202 ng

RT: 8.369 min Scan# 864

Delta R.T. -0.000 min

Lab File: BM039296.D

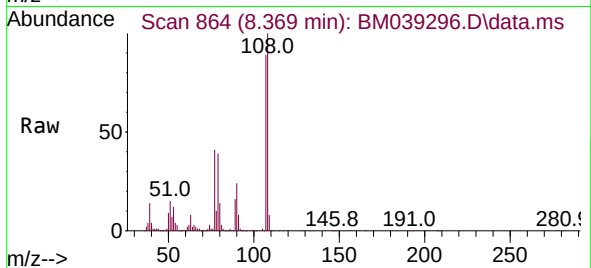
Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS



Tgt Ion:107 Resp: 852185

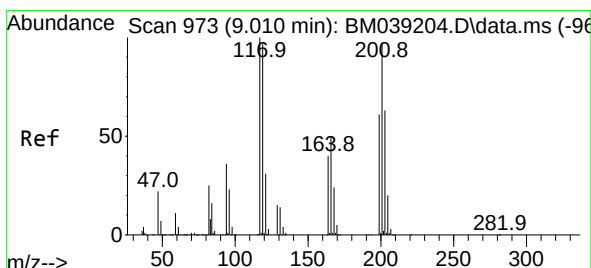
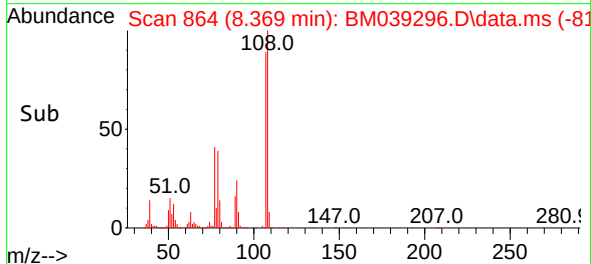
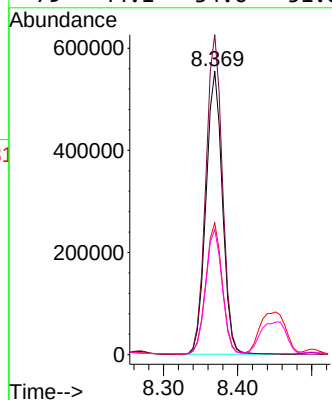
Ion Ratio Lower Upper

107 100

108 112.9 90.6 136.0

77 46.5 37.0 55.4

79 44.1 34.6 51.8



#18

Hexachloroethane

Concen: 47.339 ng

RT: 8.992 min Scan# 970

Delta R.T. -0.006 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

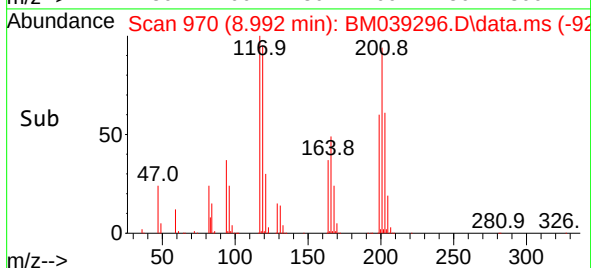
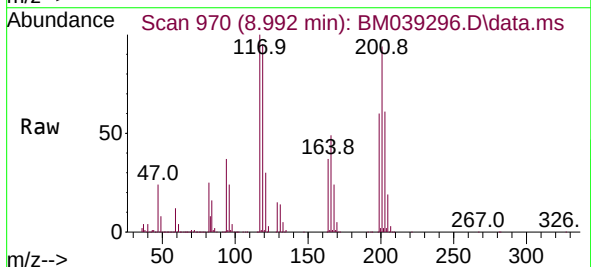
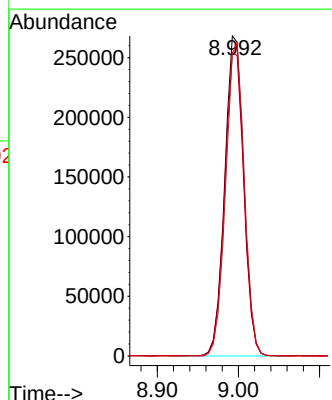
Tgt Ion:117 Resp: 437154

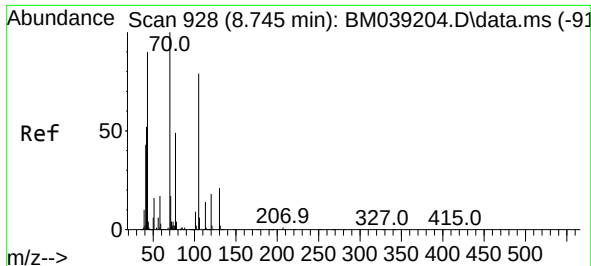
Ion Ratio Lower Upper

117 100

119 94.8 77.8 116.8

201 94.5 77.3 115.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.809 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

Tgt Ion: 70 Resp: 769887

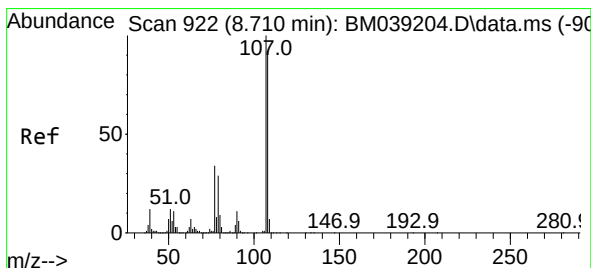
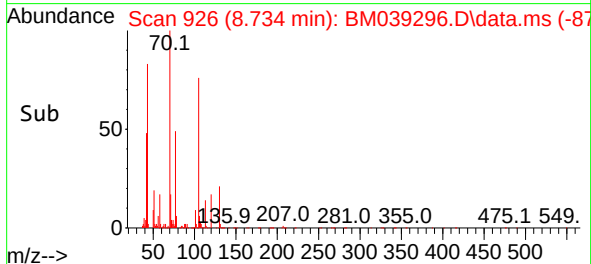
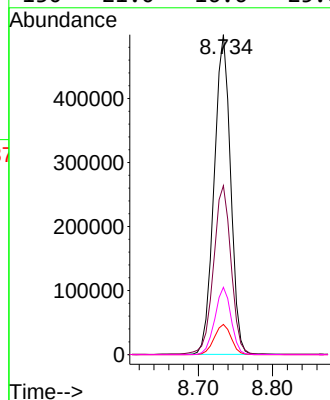
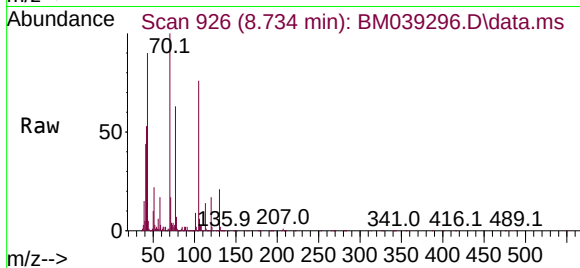
Ion Ratio Lower Upper

70 100

42 52.8 42.2 63.2

101 9.4 7.6 11.4

130 21.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.054 ng

RT: 8.698 min Scan# 920

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Tgt Ion: 107 Resp: 1141182

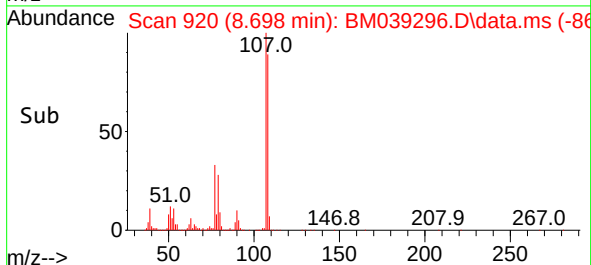
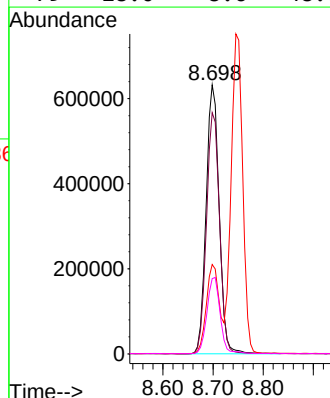
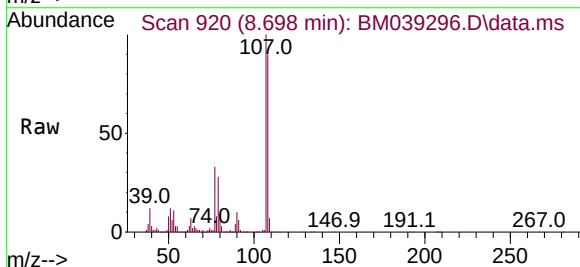
Ion Ratio Lower Upper

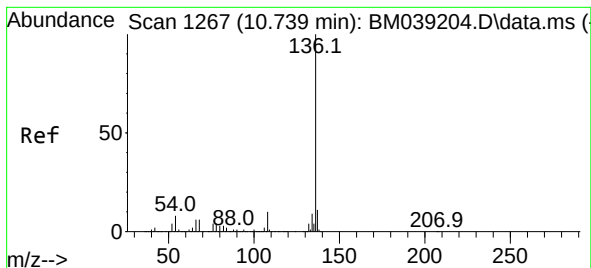
107 100

108 89.6 72.1 112.1

77 33.2 13.7 53.7

79 28.0 8.6 48.6

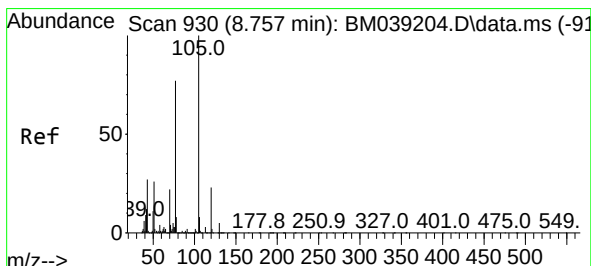
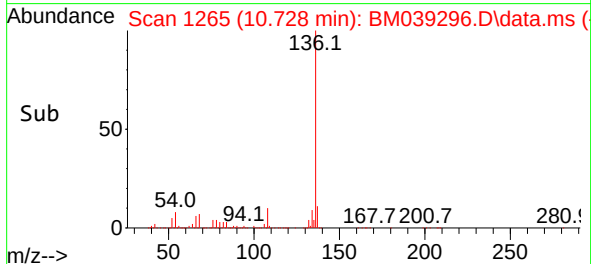
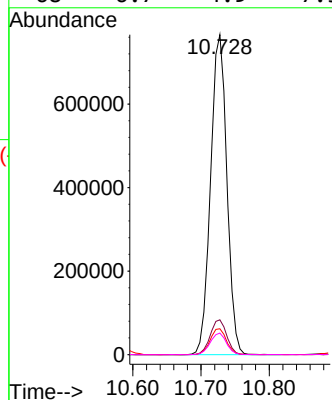
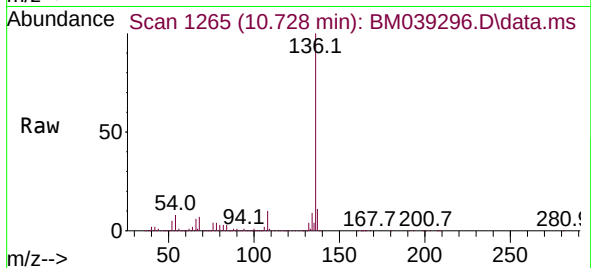




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

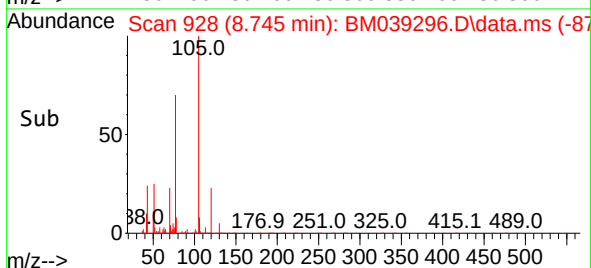
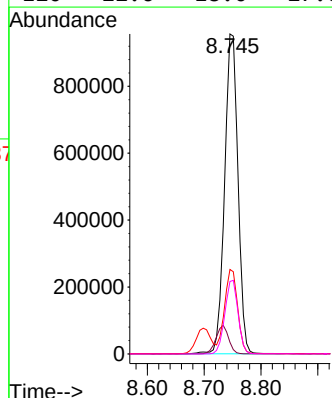
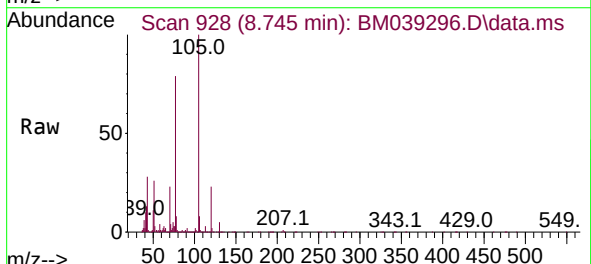
Instrument :
BNA_M
ClientSampleId :
PB151822BS

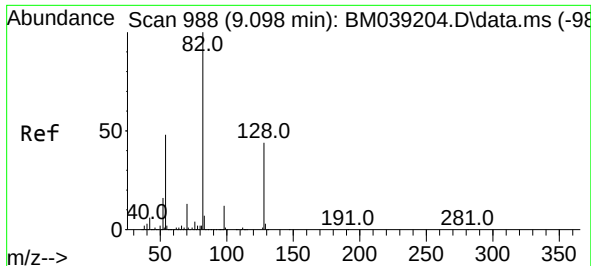
Tgt Ion:136 Resp: 1269733
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 6.2 9.4
68 6.7 4.9 7.3



#22
Acetophenone
Concen: 45.831 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:105 Resp: 1555923
Ion Ratio Lower Upper
105 100
71 3.6 2.8 4.2
51 26.4 20.6 31.0
120 22.6 18.0 27.0

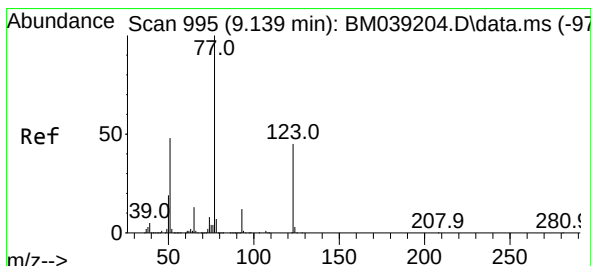
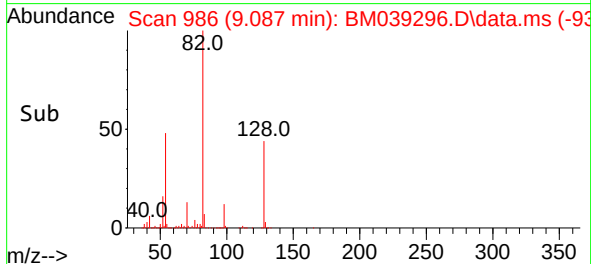
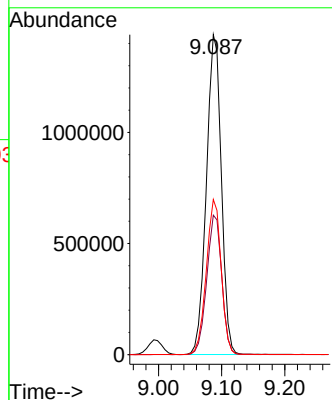
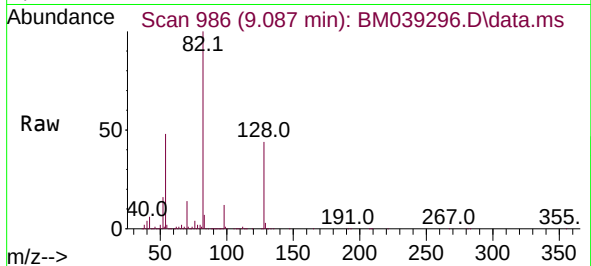




#23
Nitrobenzene-d5
Concen: 90.456 ng
RT: 9.087 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

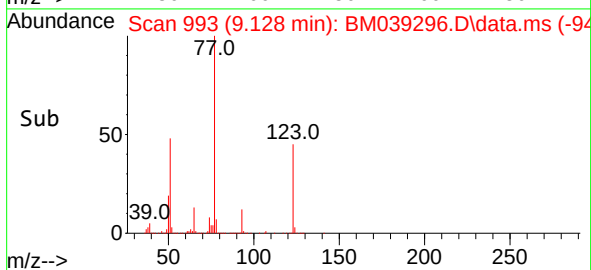
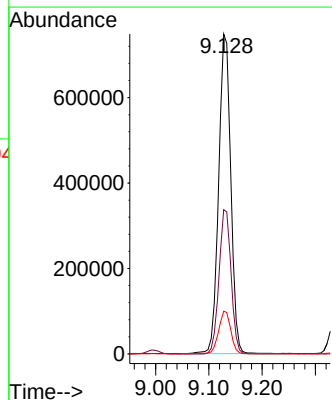
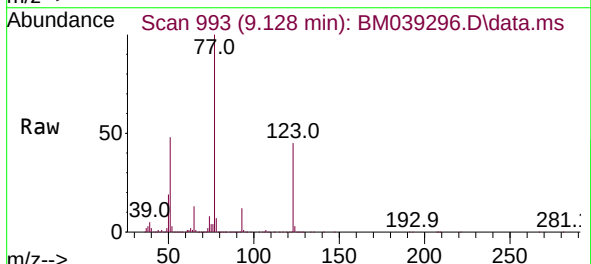
Instrument :
BNA_M
ClientSampleId :
PB151822BS

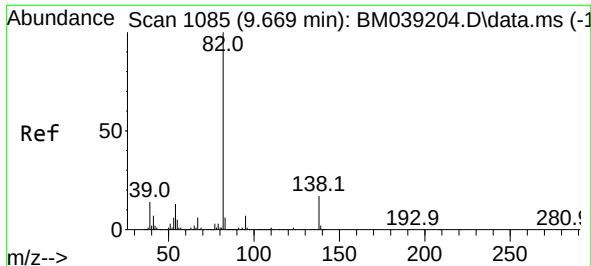
Tgt Ion: 82 Resp: 2363157
Ion Ratio Lower Upper
82 100
128 43.6 35.1 52.7
54 48.5 38.5 57.7



#24
Nitrobenzene
Concen: 45.340 ng
RT: 9.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 77 Resp: 1178162
Ion Ratio Lower Upper
77 100
123 45.1 36.2 54.2
65 13.3 10.6 15.8

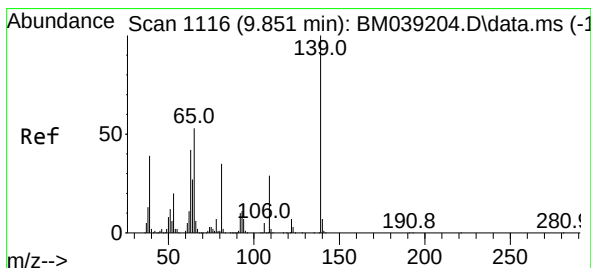
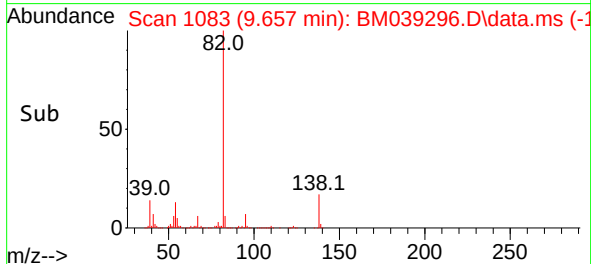
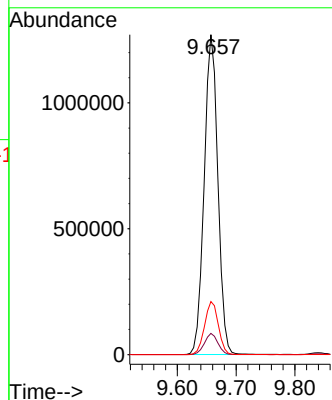
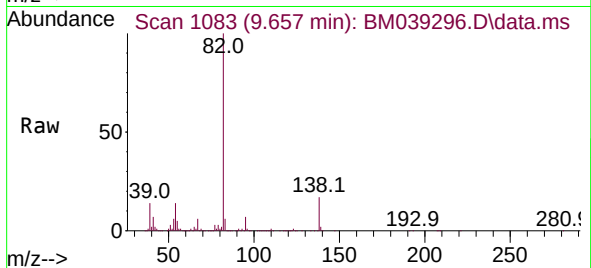




#25
Isophorone
Concen: 42.162 ng
RT: 9.657 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

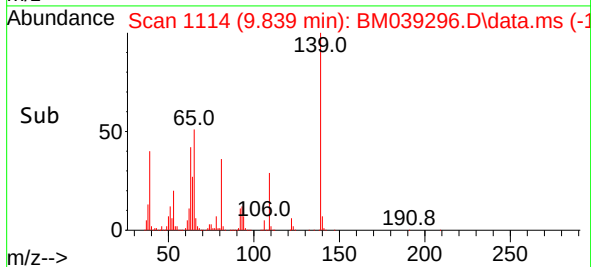
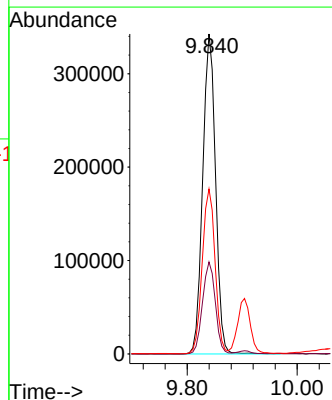
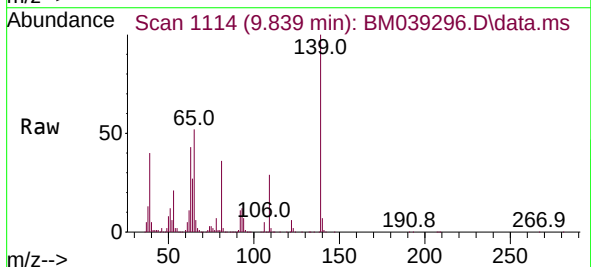
Instrument :
BNA_M
ClientSampleId :
PB151822BS

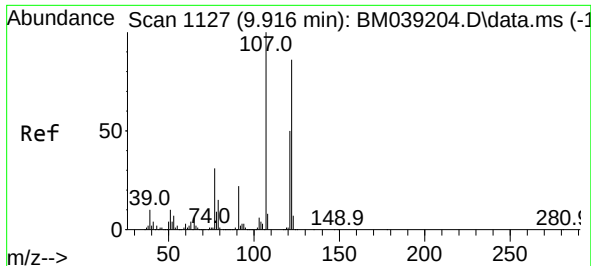
Tgt Ion: 82 Resp: 2054889
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.6 13.5 20.3



#26
2-Nitrophenol
Concen: 46.142 ng
RT: 9.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion: 139 Resp: 554260
Ion Ratio Lower Upper
139 100
109 28.7 23.4 35.0
65 51.5 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 45.590 ng

RT: 9.904 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BM039296.D

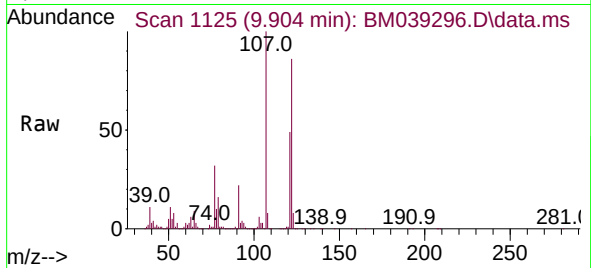
Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS



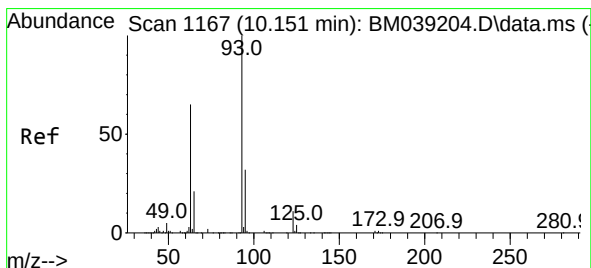
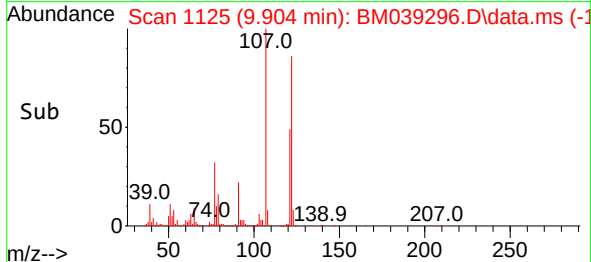
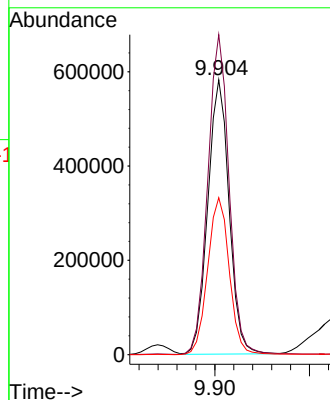
Tgt Ion:122 Resp: 909902

Ion Ratio Lower Upper

122 100

107 116.4 92.3 138.5

121 57.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.247 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

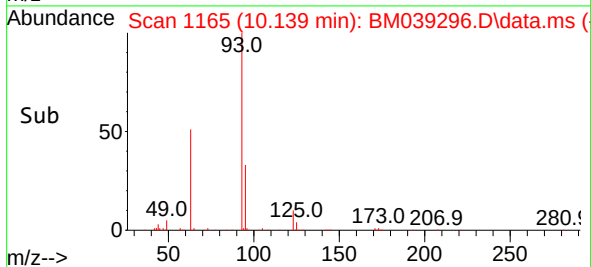
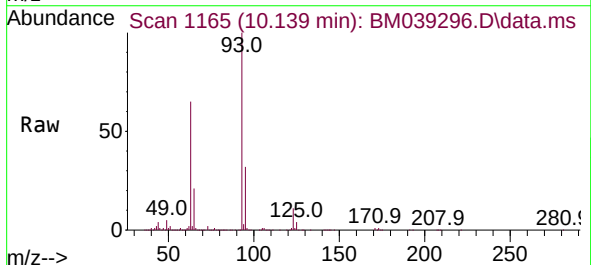
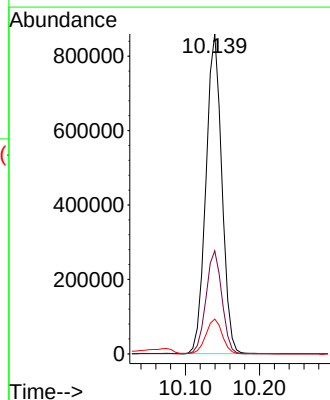
Tgt Ion: 93 Resp: 1275904

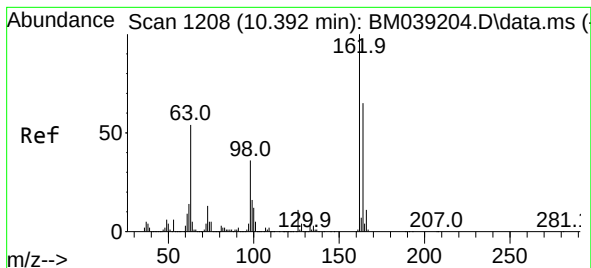
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 10.9 9.1 13.7

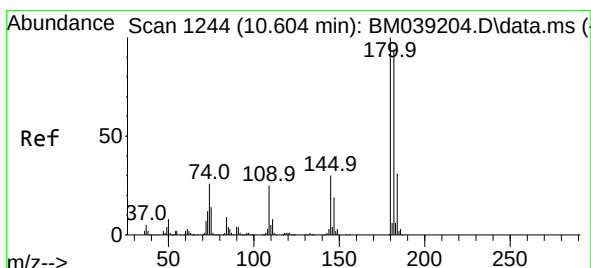
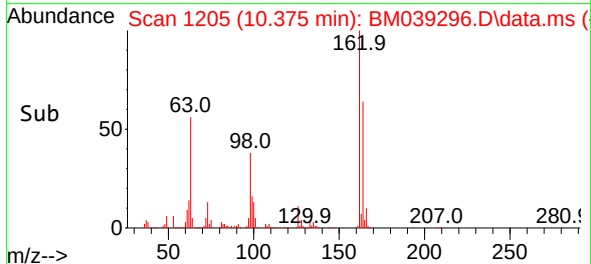
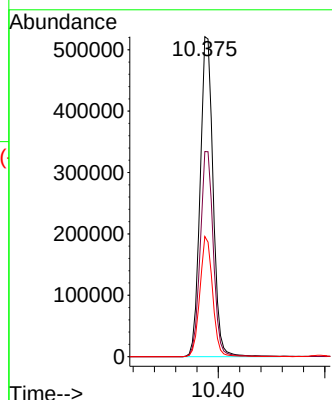
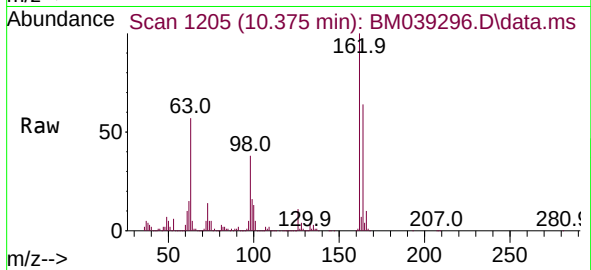




#29
2,4-Dichlorophenol
Concen: 45.157 ng
RT: 10.375 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

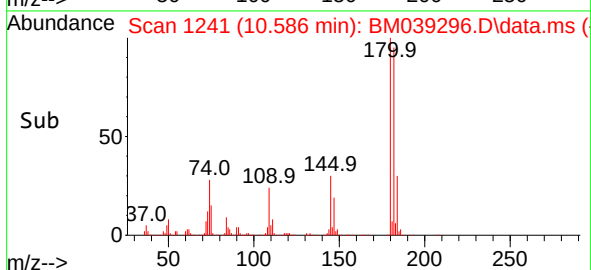
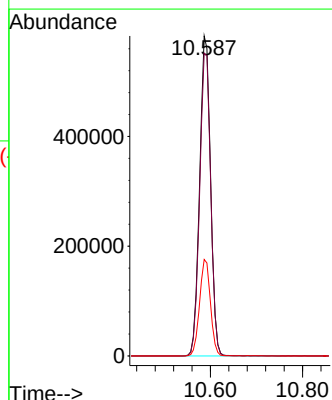
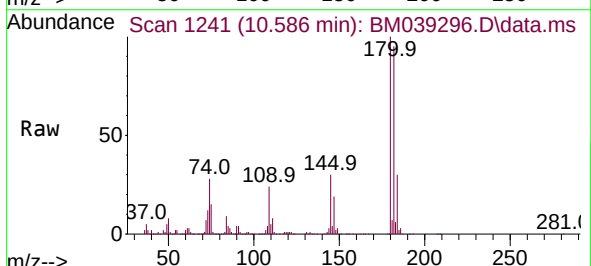
Instrument :
BNA_M
ClientSampleId :
PB151822BS

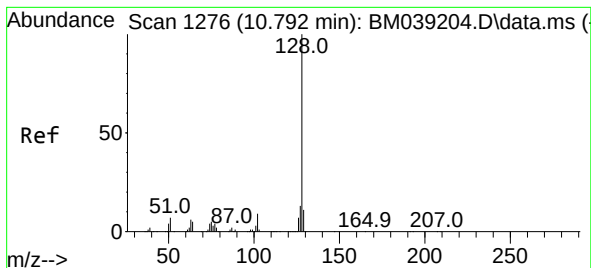
Tgt Ion:162 Resp: 879336
Ion Ratio Lower Upper
162 100
164 64.1 44.8 84.8
98 37.5 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 45.823 ng
RT: 10.586 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:180 Resp: 954623
Ion Ratio Lower Upper
180 100
182 94.6 75.2 112.8
145 30.1 23.9 35.9

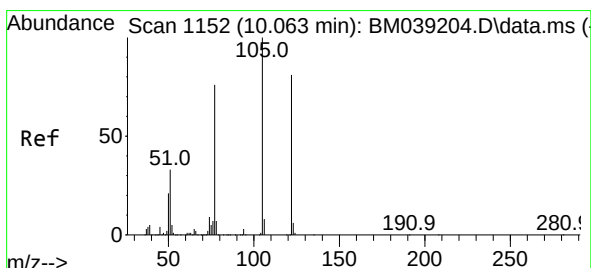
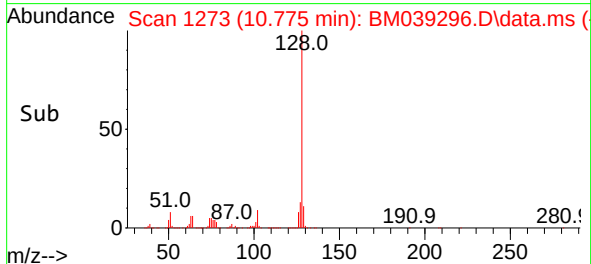
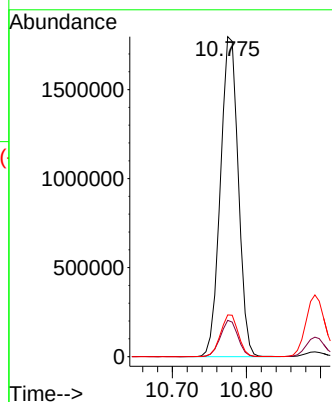
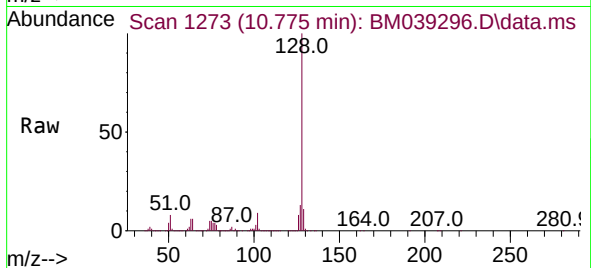




#31
Naphthalene
Concen: 43.929 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

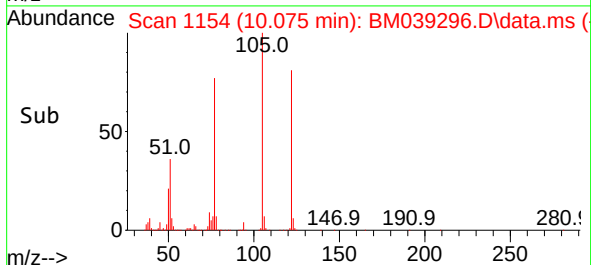
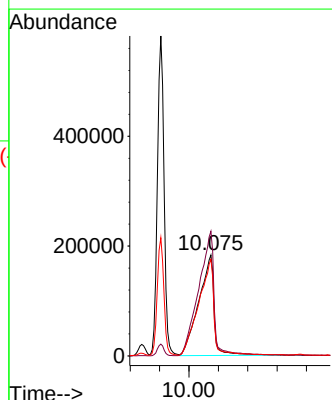
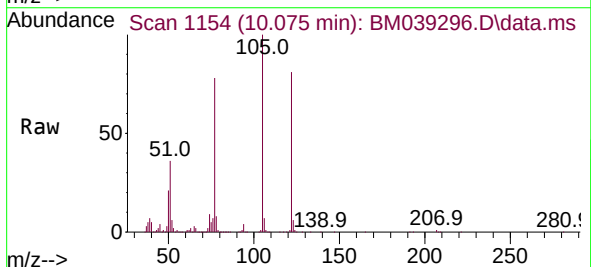
Instrument :
BNA_M
ClientSampleId :
PB151822BS

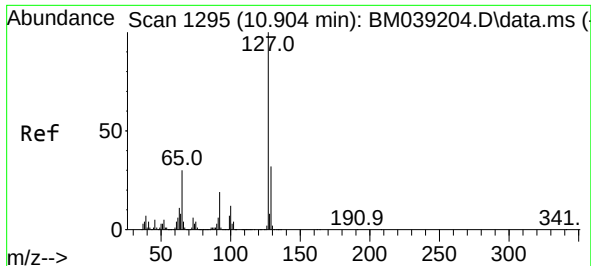
Tgt Ion:128 Resp: 3005553
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 42.922 ng
RT: 10.075 min Scan# 1154
Delta R.T. 0.023 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:122 Resp: 667675
Ion Ratio Lower Upper
122 100
105 123.4 103.1 143.1
77 95.7 74.6 114.6

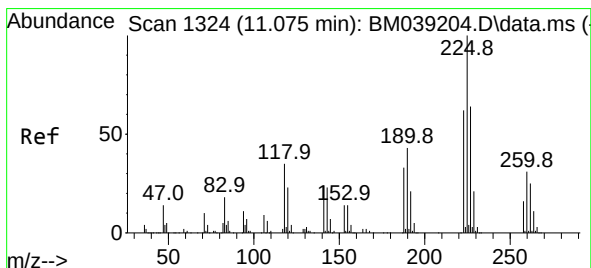
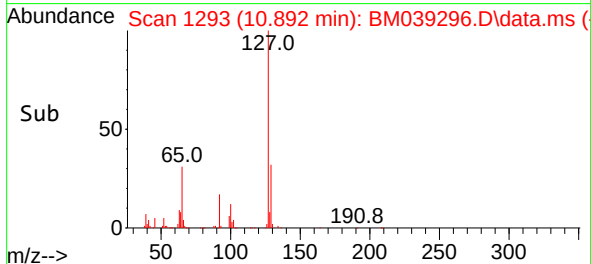
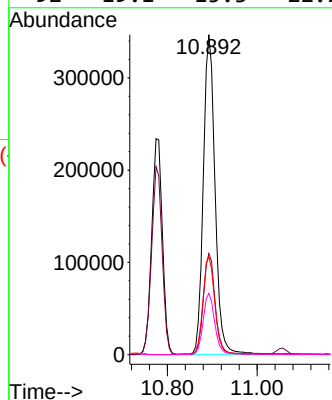
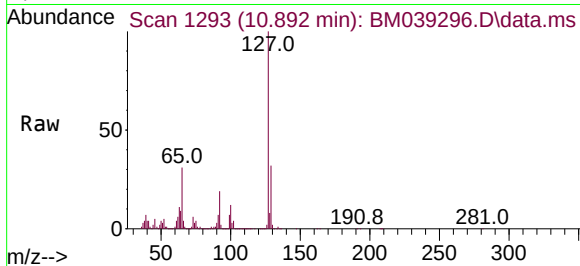




#33
4-Chloroaniline
Concen: 21.044 ng
RT: 10.892 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

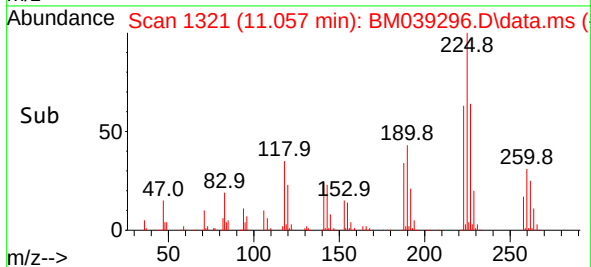
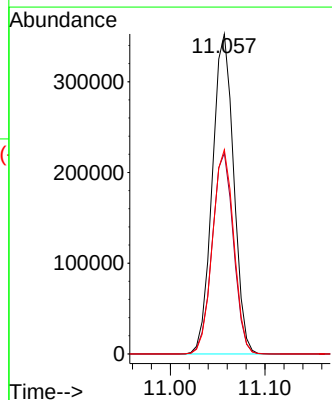
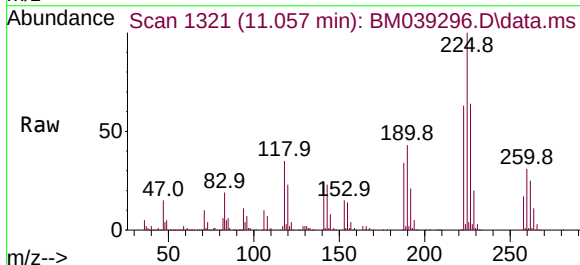
Instrument :
BNA_M
ClientSampleId :
PB151822BS

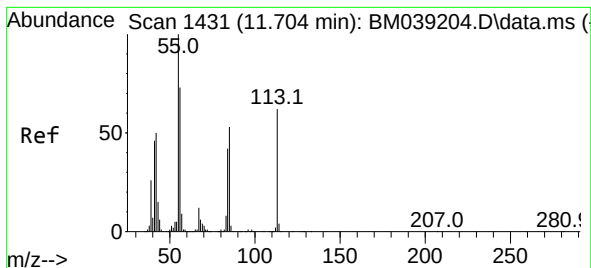
Tgt Ion:	127	Resp:	630771
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	30.7	24.1	36.1
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.043 ng
RT: 11.057 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:	225	Resp:	551770
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.8	51.6	77.4

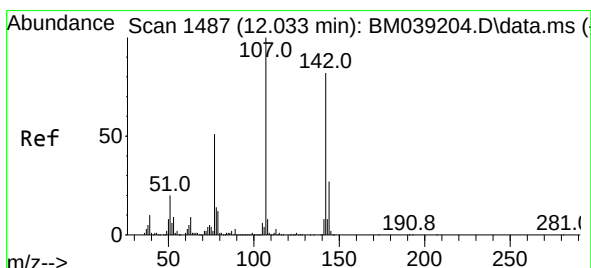
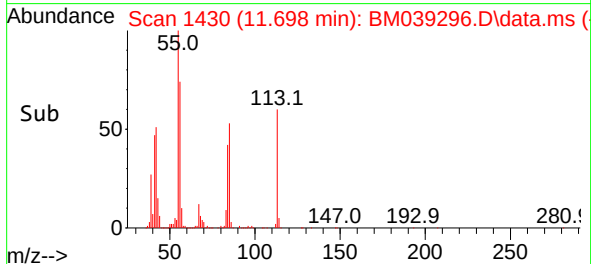
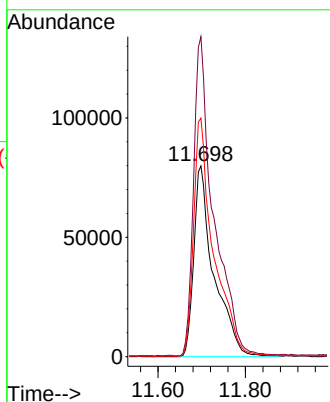
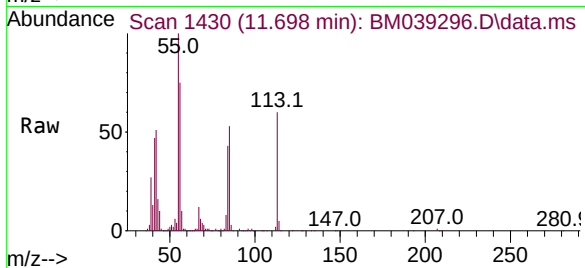




#35
Caprolactam
Concen: 37.615 ng
RT: 11.698 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

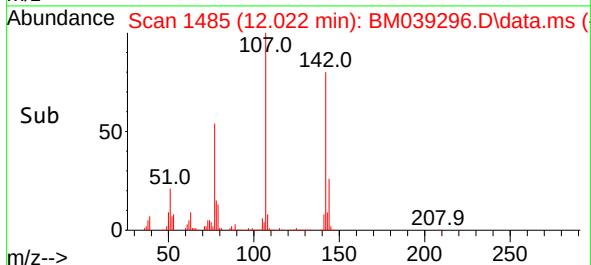
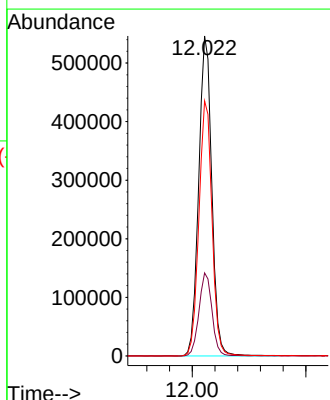
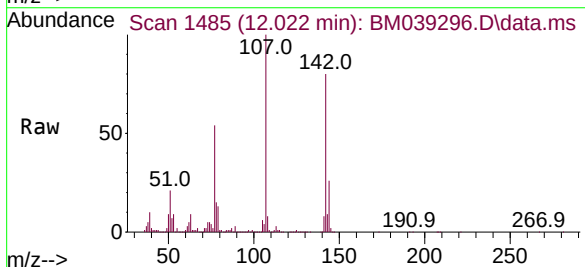
Instrument :
BNA_M
ClientSampleId :
PB151822BS

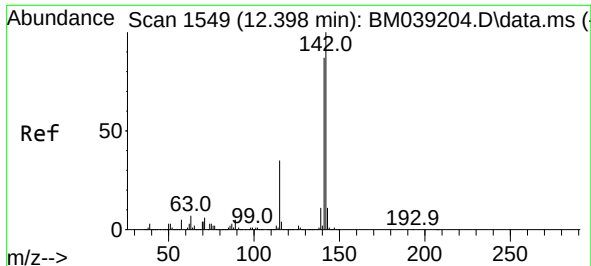
Tgt Ion:113 Resp: 254324
Ion Ratio Lower Upper
113 100
55 167.9 141.8 181.8
56 125.1 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 40.558 ng
RT: 12.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:107 Resp: 871365
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.2
142 79.7 65.2 97.8

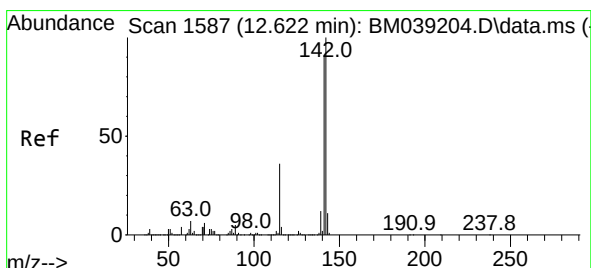
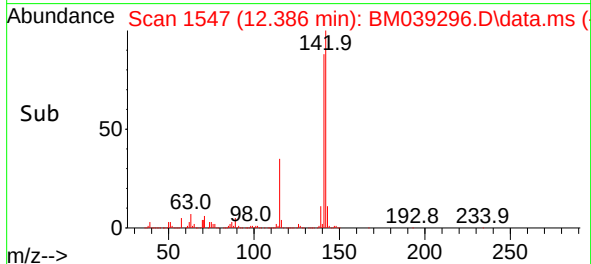
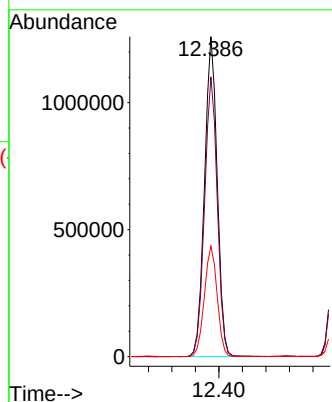
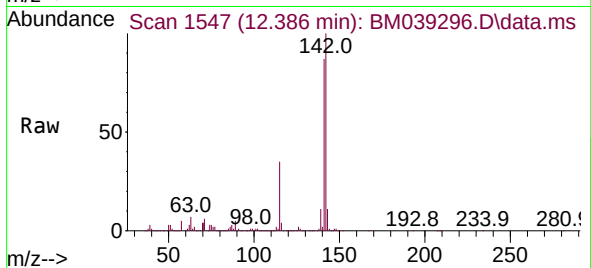




#37
2-Methylnaphthalene
Concen: 39.552 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

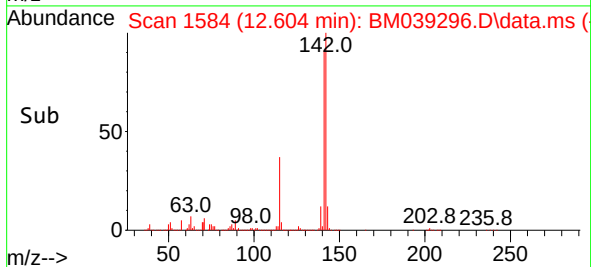
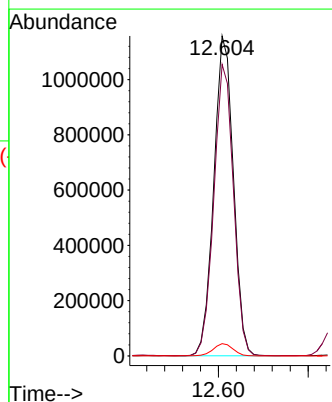
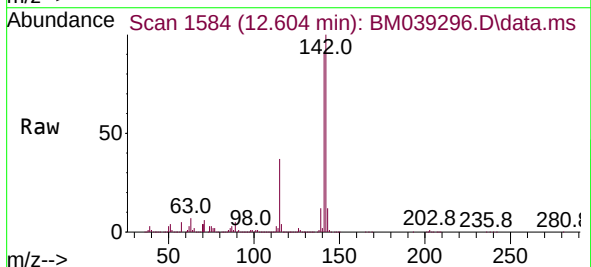
Instrument :
BNA_M
ClientSampleId :
PB151822BS

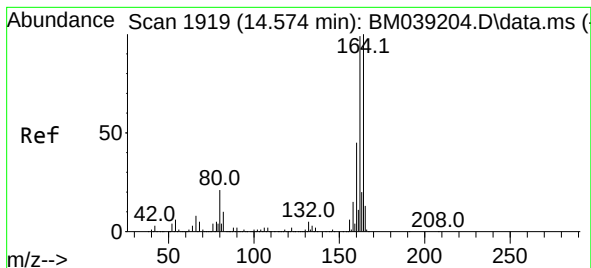
Tgt Ion:142 Resp: 1883824
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.8
115 34.5 27.8 41.8



#38
1-Methylnaphthalene
Concen: 39.268 ng
RT: 12.604 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:142 Resp: 1751245
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

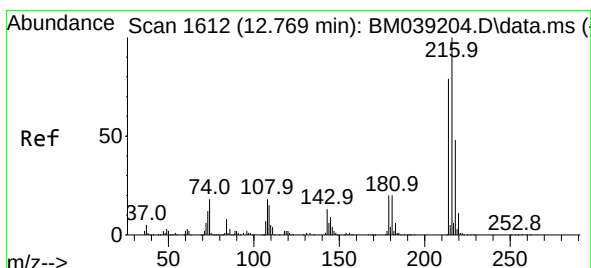
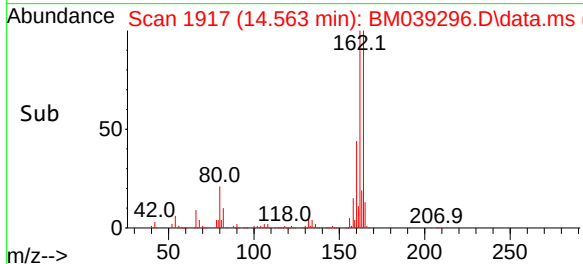
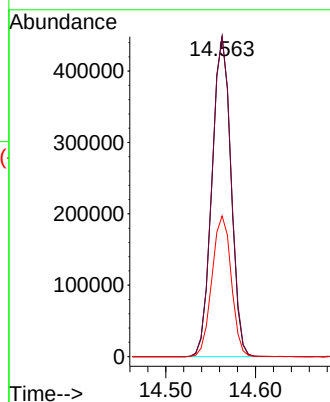
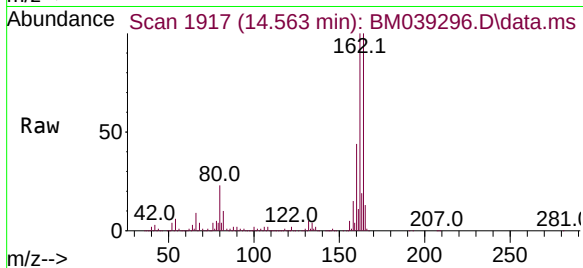
Tgt Ion:164 Resp: 657203

Ion Ratio Lower Upper

164 100

162 100.0 79.1 118.7

160 44.0 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.018 ng

RT: 12.757 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Tgt Ion:216 Resp: 960823

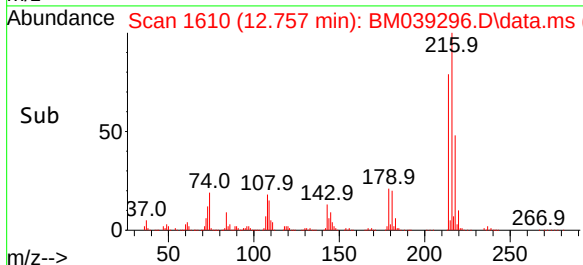
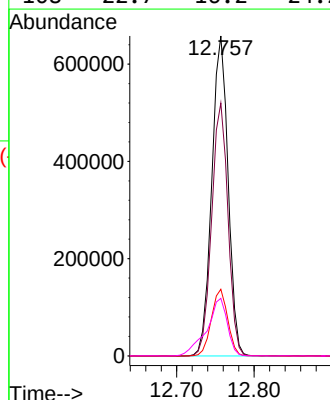
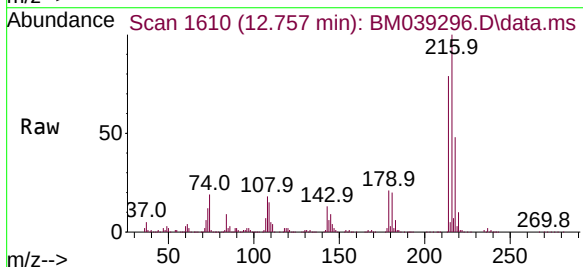
Ion Ratio Lower Upper

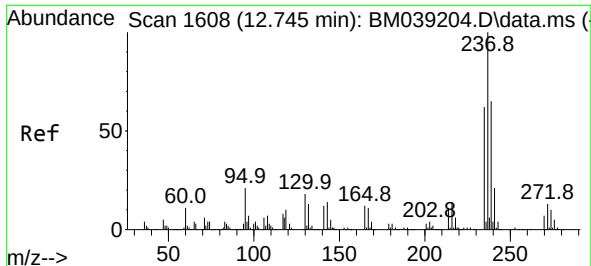
216 100

214 79.0 62.8 94.2

179 20.8 16.8 25.2

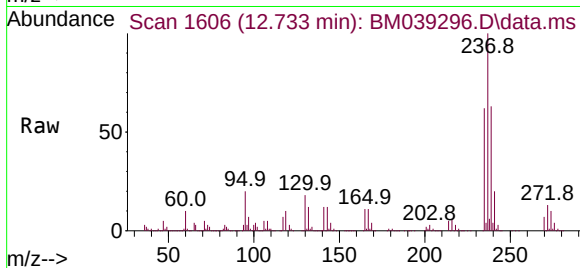
108 22.7 16.2 24.2



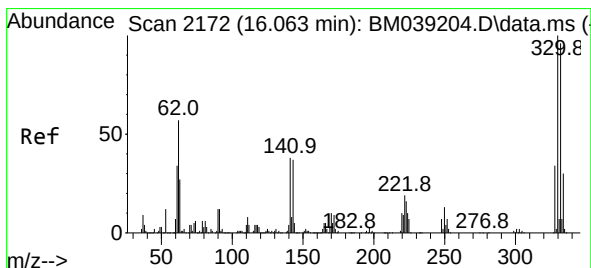
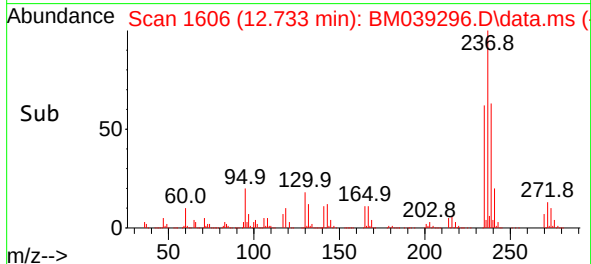
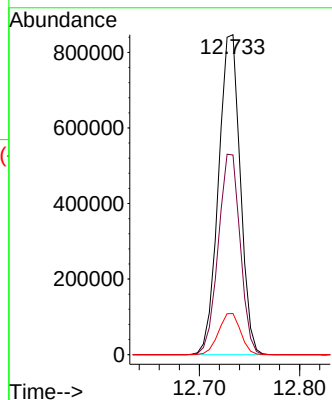


#41
Hexachlorocyclopentadiene
Concen: 116.931 ng
RT: 12.733 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Instrument :
BNA_M
ClientSampleId :
PB151822BS

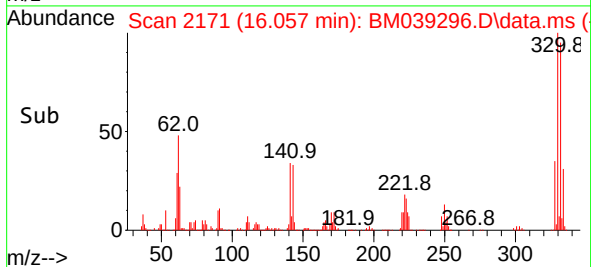
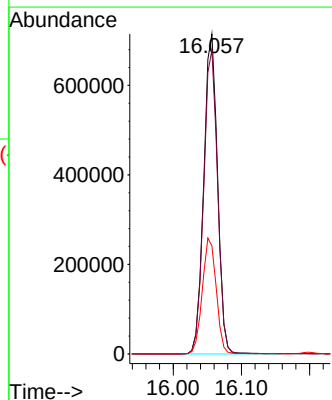
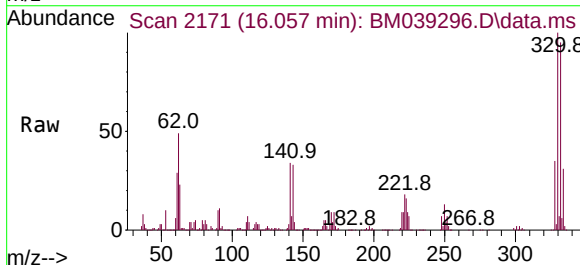


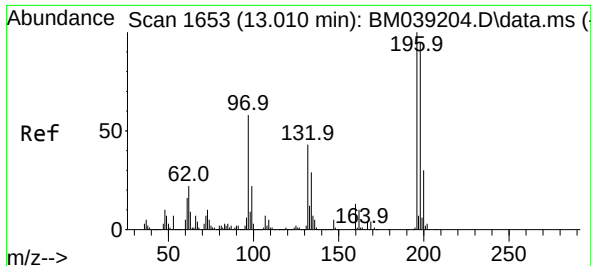
Tgt Ion:237 Resp: 1278218
Ion Ratio Lower Upper
237 100
235 62.4 41.6 81.6
272 12.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 120.292 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:330 Resp: 1003541
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 36.7 29.8 44.6

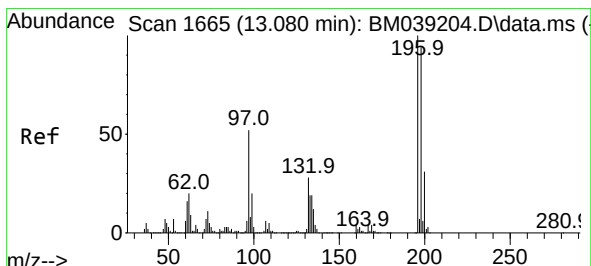
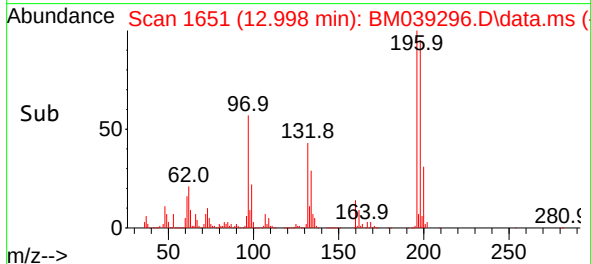
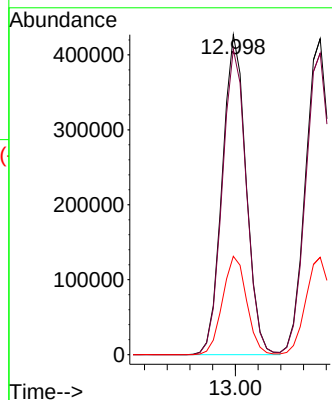
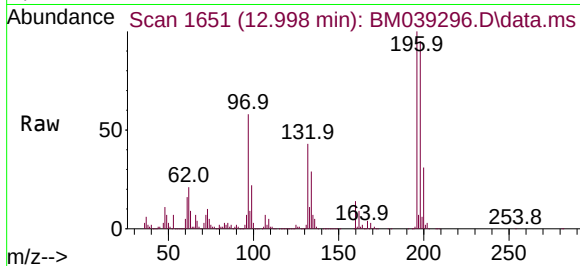




#43
2,4,6-Trichlorophenol
Concen: 45.806 ng
RT: 12.998 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

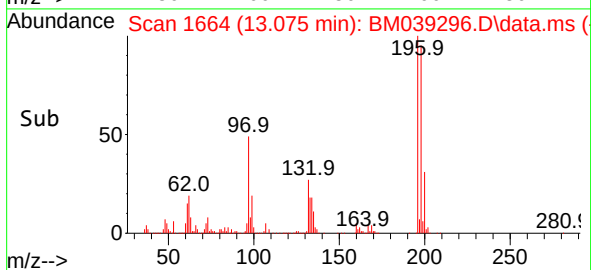
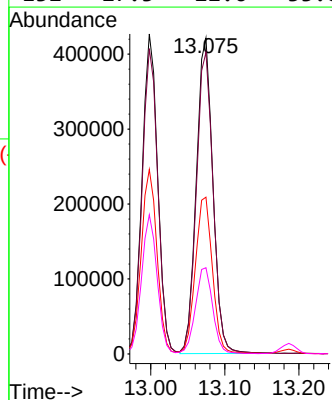
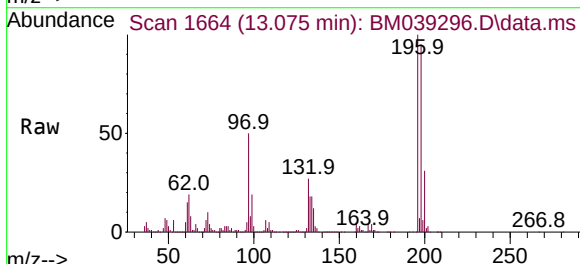
Instrument :
BNA_M
ClientSampleId :
PB151822BS

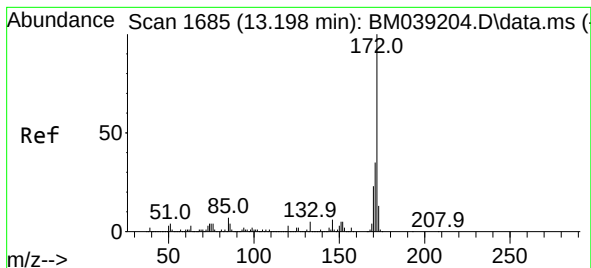
Tgt Ion:196 Resp: 625077
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
200 30.7 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 41.036 ng
RT: 13.075 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:196 Resp: 656477
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
97 49.6 41.4 62.0
132 27.3 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 90.284 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

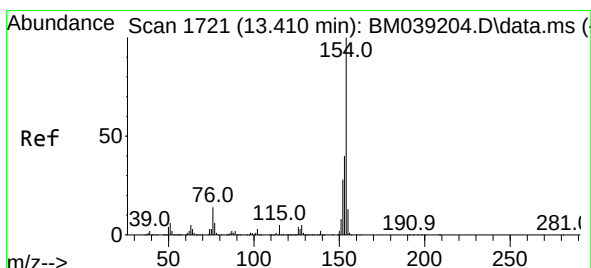
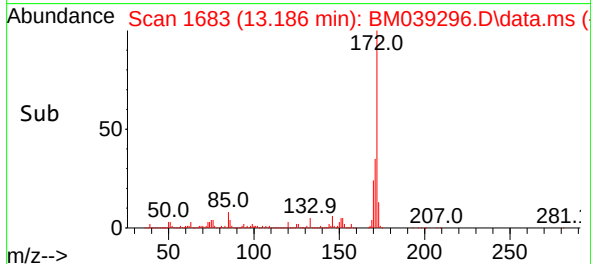
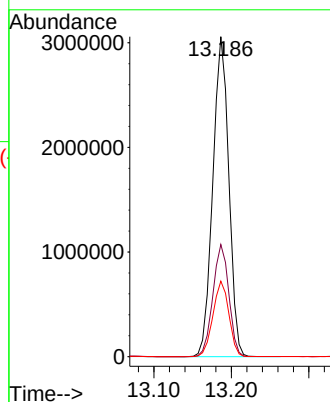
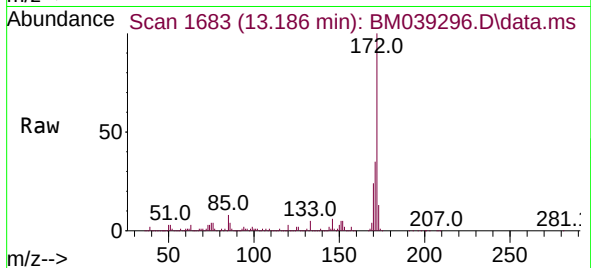
Tgt Ion:172 Resp: 4379251

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 46.752 ng

RT: 13.398 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

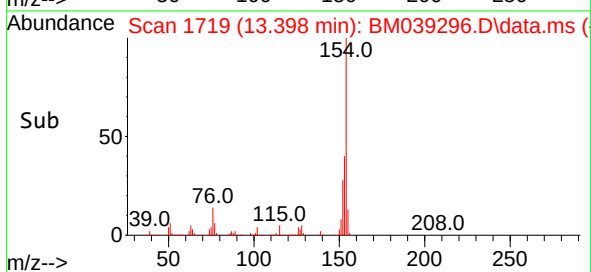
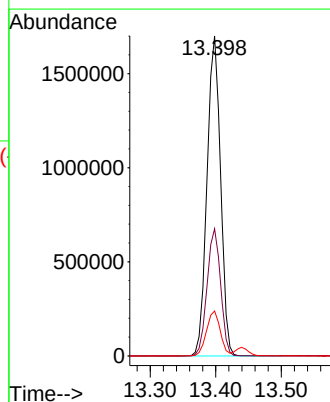
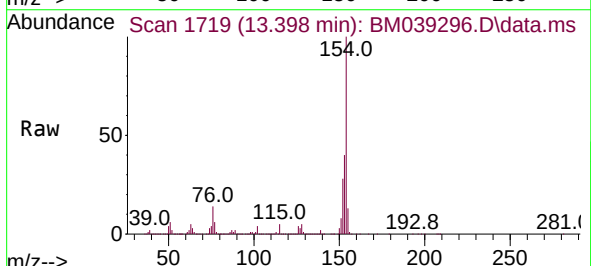
Tgt Ion:154 Resp: 2426335

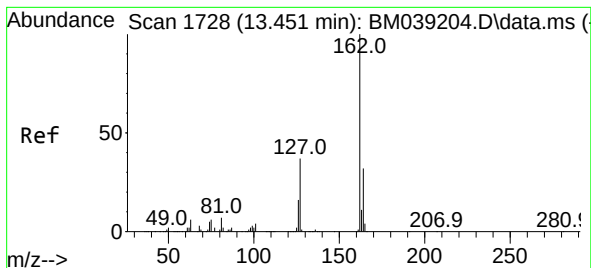
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

76 14.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 47.316 ng

RT: 13.439 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

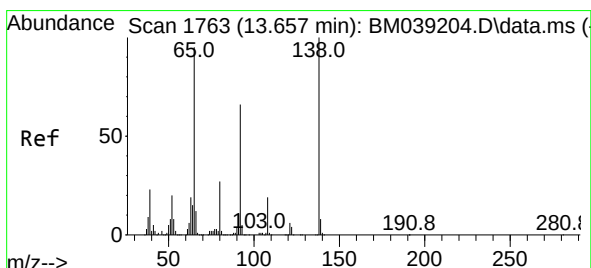
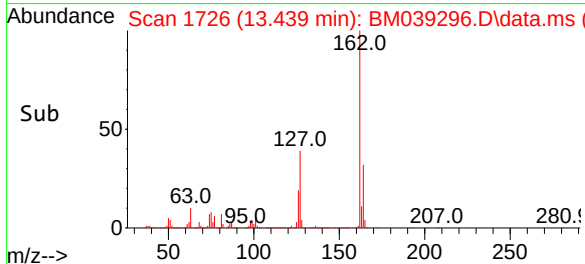
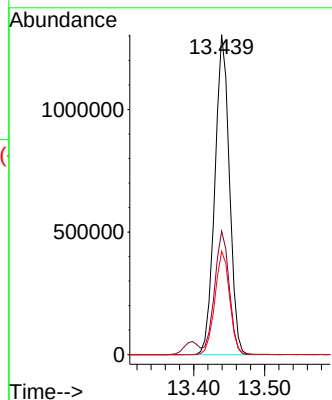
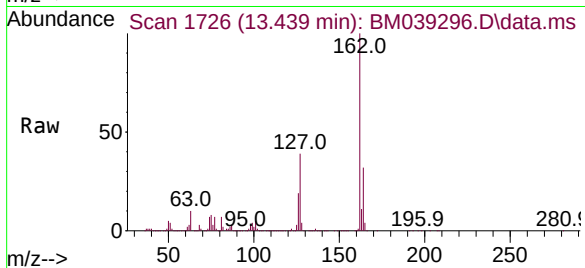
Tgt Ion:162 Resp: 1859309

Ion Ratio Lower Upper

162 100

127 38.6 31.4 47.0

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 43.172 ng

RT: 13.651 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

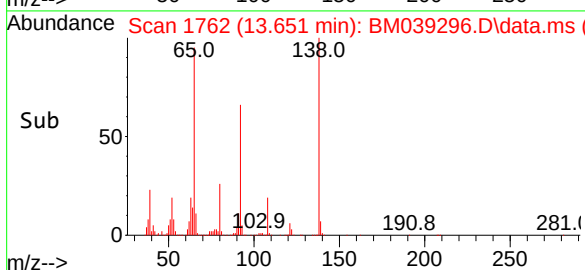
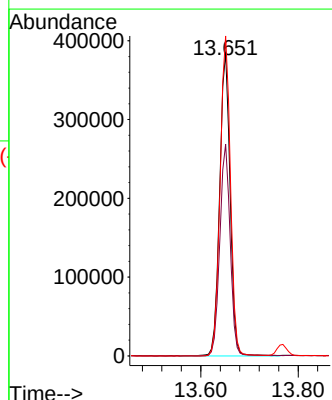
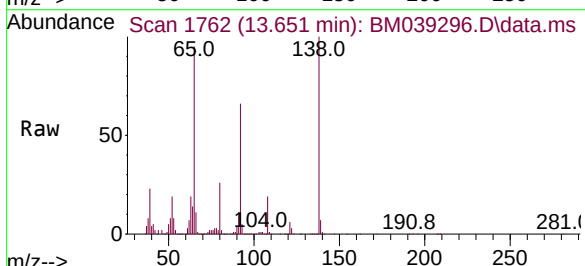
Tgt Ion: 65 Resp: 570894

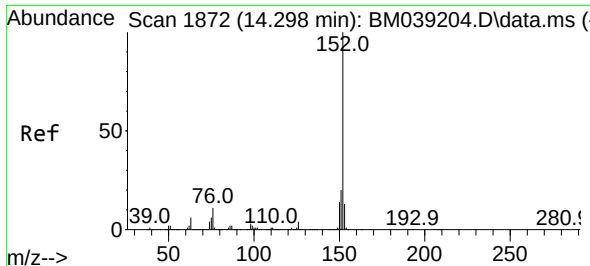
Ion Ratio Lower Upper

65 100

92 69.8 55.7 83.5

138 105.6 84.5 126.7

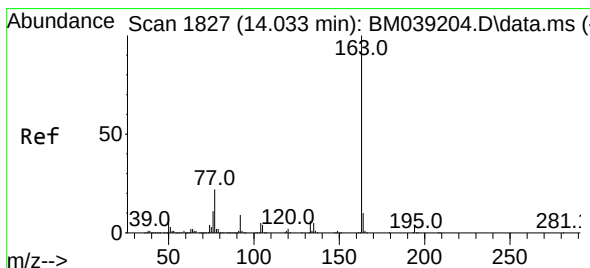
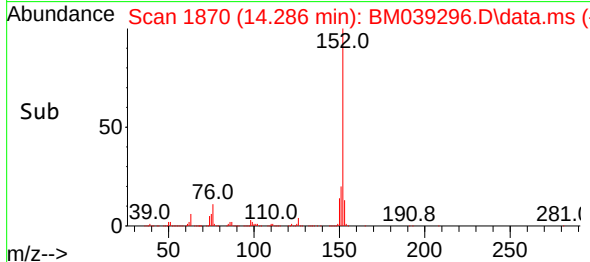
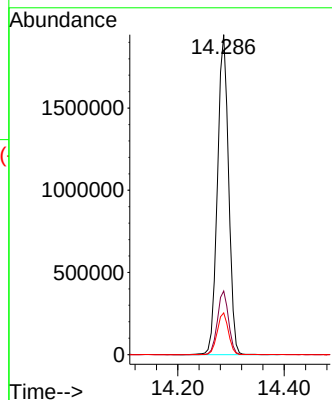
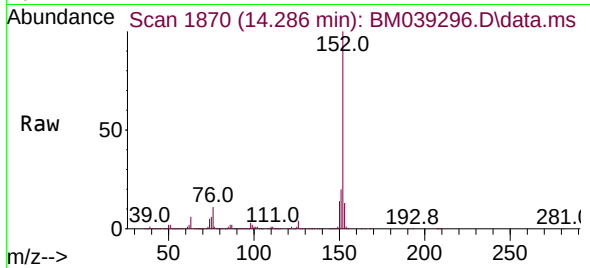




#49
Acenaphthylene
Concen: 43.715 ng
RT: 14.286 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

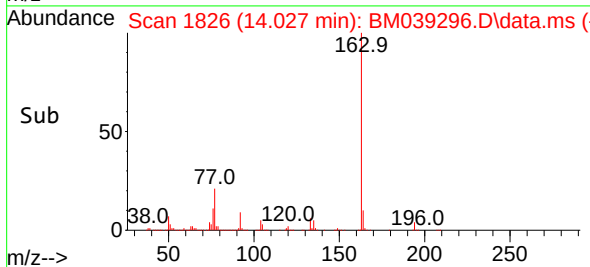
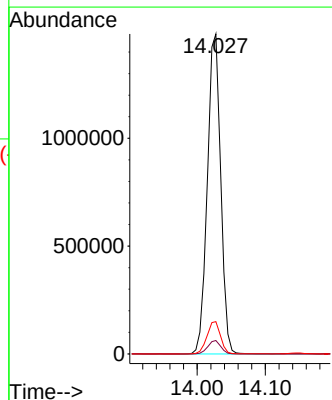
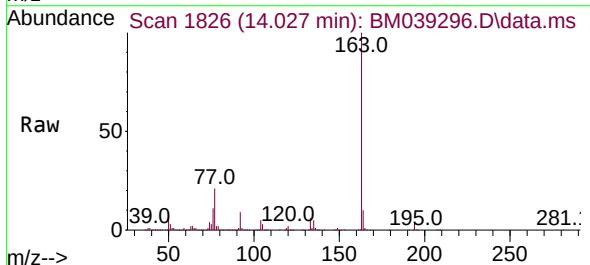
Instrument :
BNA_M
ClientSampleId :
PB151822BS

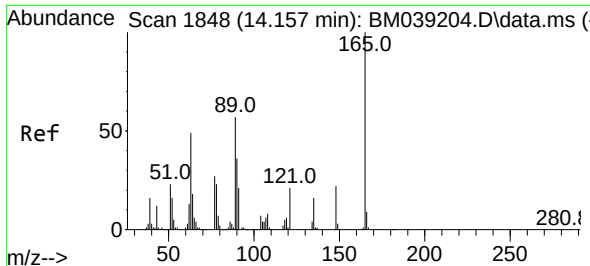
Tgt Ion:152 Resp: 2823268
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 39.892 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:163 Resp: 2020483
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.2 12.2

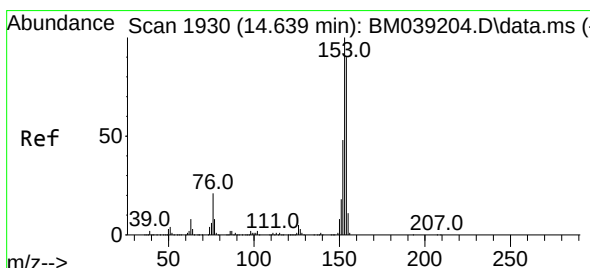
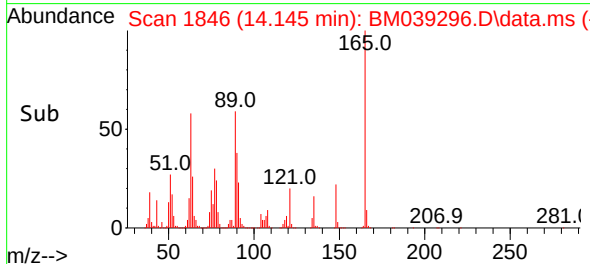
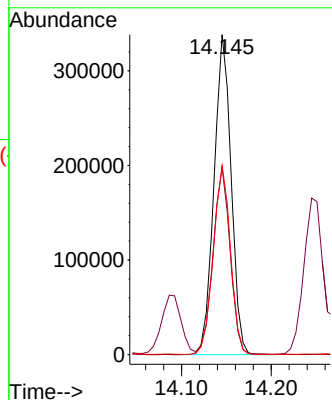
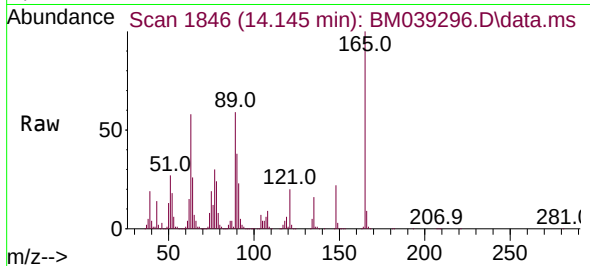




#51
2,6-Dinitrotoluene
Concen: 41.413 ng
RT: 14.145 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

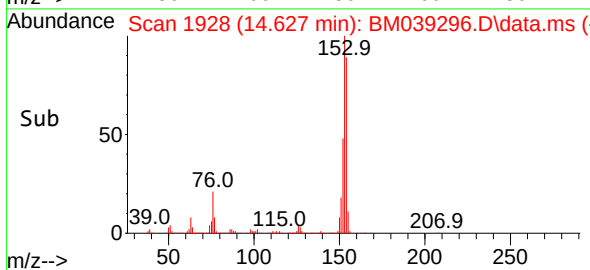
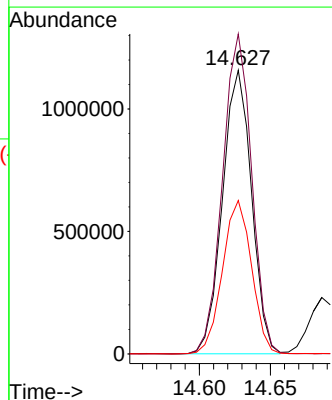
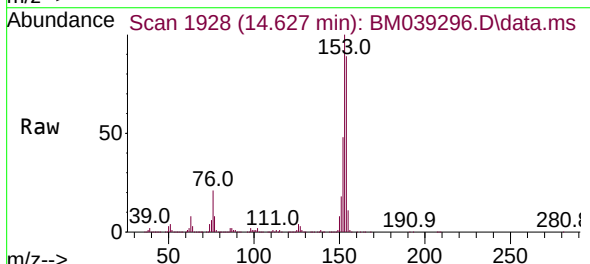
Instrument :
BNA_M
ClientSampleId :
PB151822BS

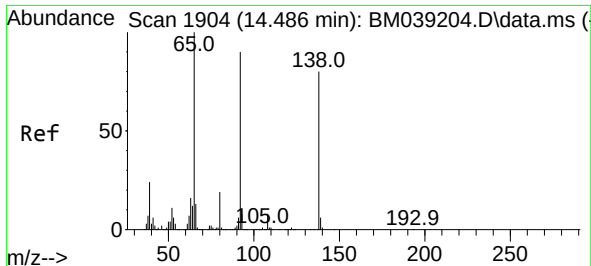
Tgt Ion:165 Resp: 451064
Ion Ratio Lower Upper
165 100
63 58.4 44.9 67.3
89 59.1 45.4 68.0



#52
Acenaphthene
Concen: 43.276 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:154 Resp: 1650377
Ion Ratio Lower Upper
154 100
153 112.8 89.1 133.7
152 54.1 42.6 64.0

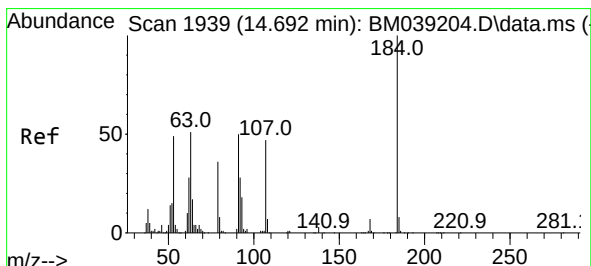
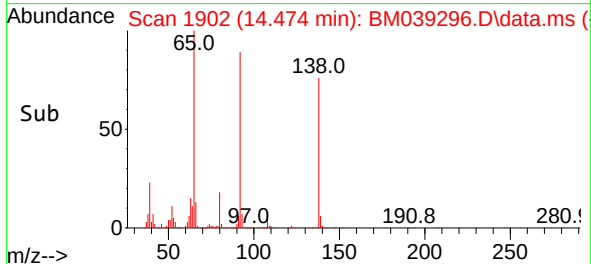
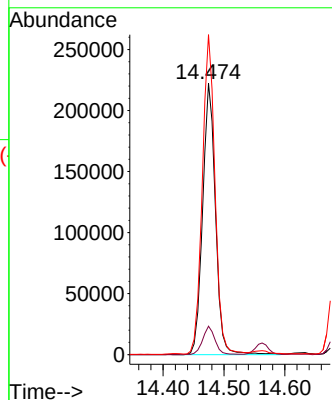
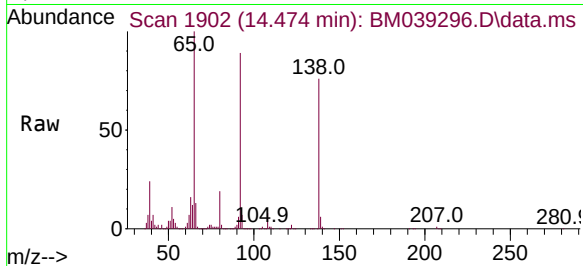




#53
3-Nitroaniline
Concen: 25.778 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

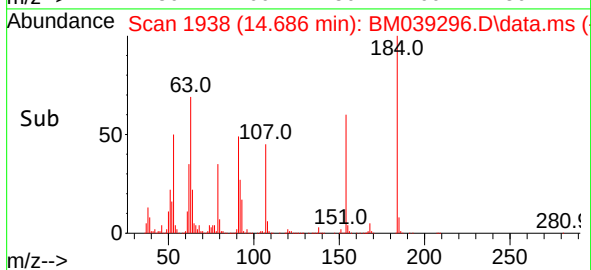
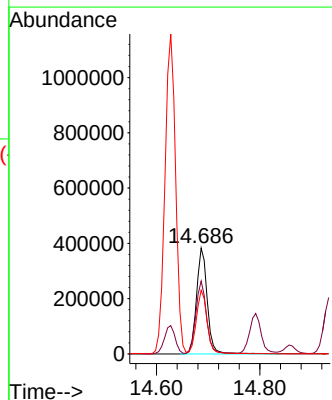
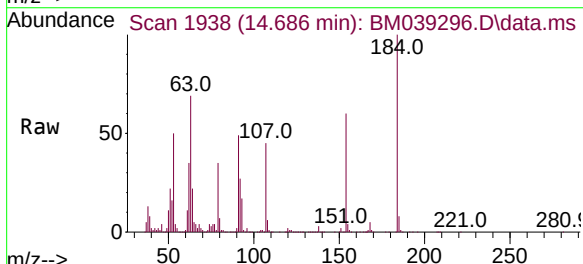
Instrument :
BNA_M
ClientSampleId :
PB151822BS

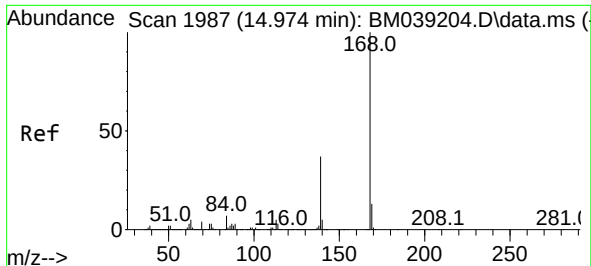
Tgt Ion:138 Resp: 324578
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 118.0 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 85.499 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:184 Resp: 551486
Ion Ratio Lower Upper
184 100
63 68.8 56.4 84.6
154 60.1 48.7 73.1

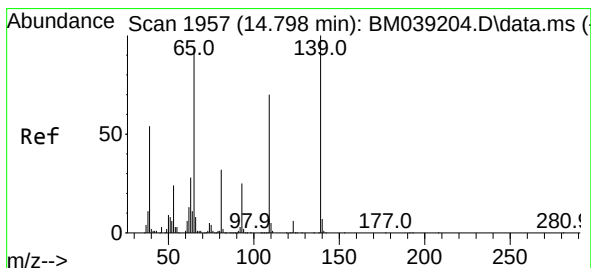
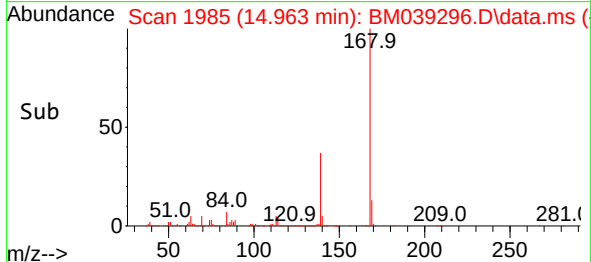
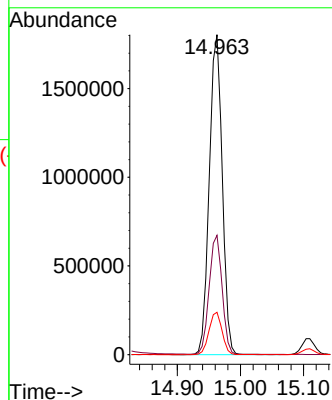
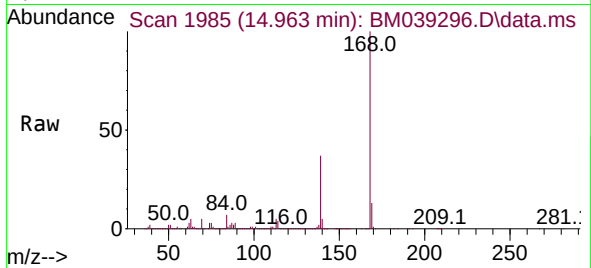




#55
Dibenzenofuran
Concen: 41.843 ng
RT: 14.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

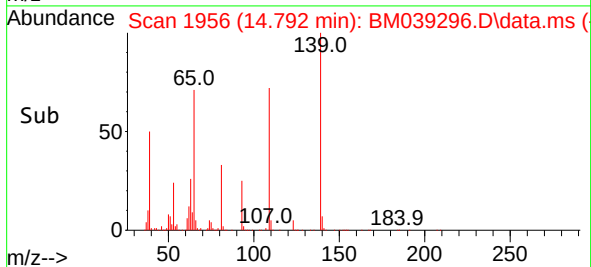
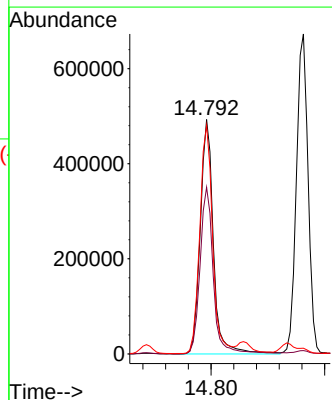
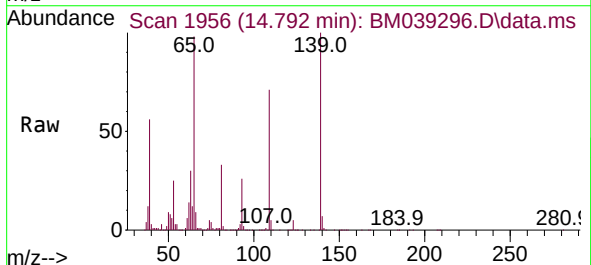
Instrument :
BNA_M
ClientSampleId :
PB151822BS

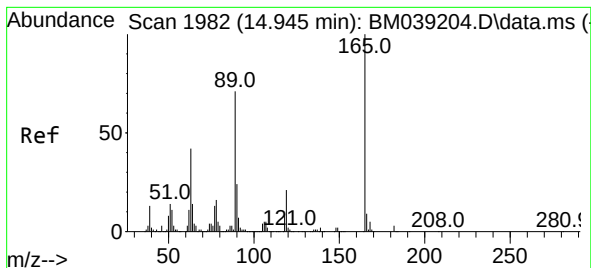
Tgt Ion:168 Resp: 2569043
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.2
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 81.244 ng
RT: 14.792 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:139 Resp: 788839
Ion Ratio Lower Upper
139 100
109 71.1 49.6 89.6
65 97.5 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 40.332 ng

RT: 14.933 min Scan# 1982

Delta R.T. -0.000 min

Lab File: BM039296.D

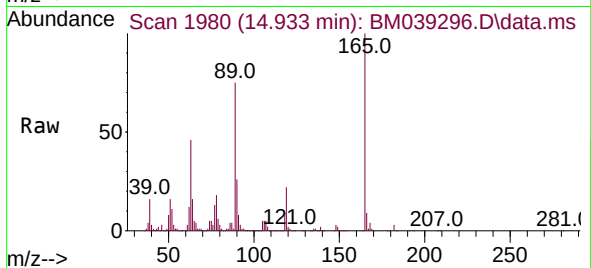
Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS



Tgt Ion:165 Resp: 594253

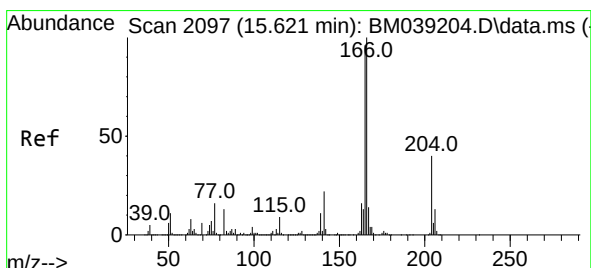
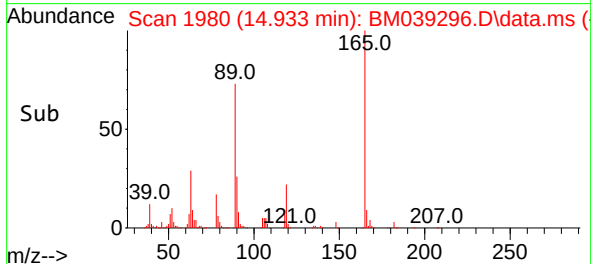
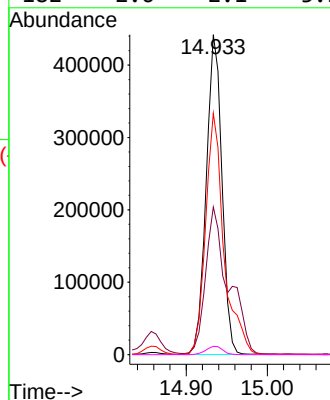
Ion Ratio Lower Upper

165 100

63 46.1 33.5 50.3

89 75.4 56.7 85.1

182 2.6 2.1 3.1



#58

Fluorene

Concen: 40.921 ng

RT: 15.610 min Scan# 2095

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

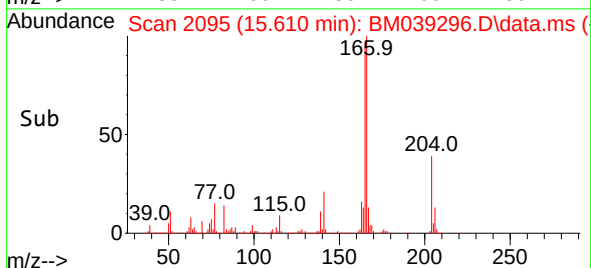
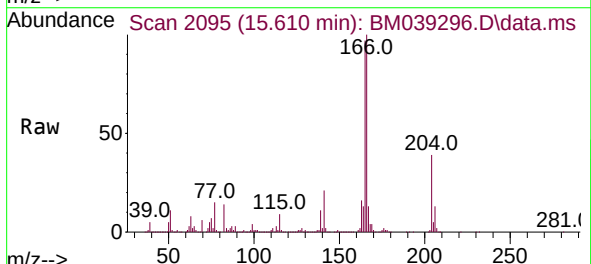
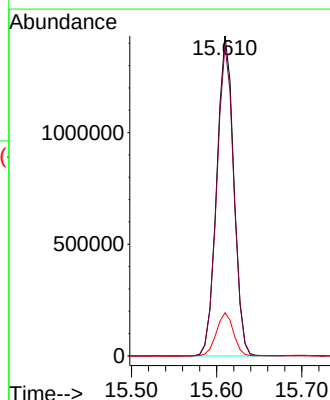
Tgt Ion:166 Resp: 1989467

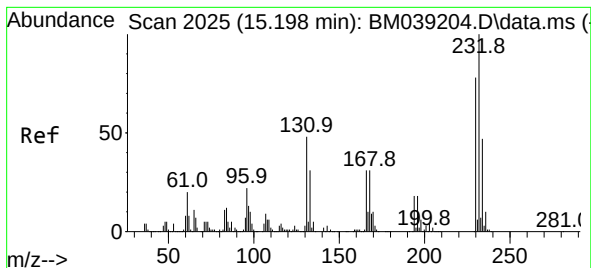
Ion Ratio Lower Upper

166 100

165 97.1 76.9 115.3

167 13.5 10.8 16.2

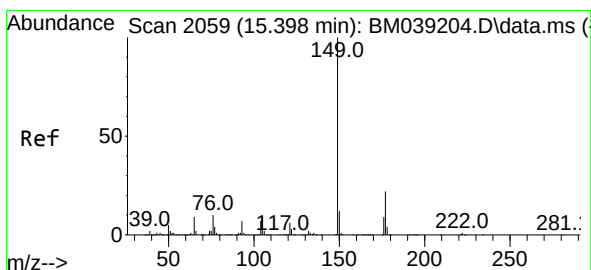
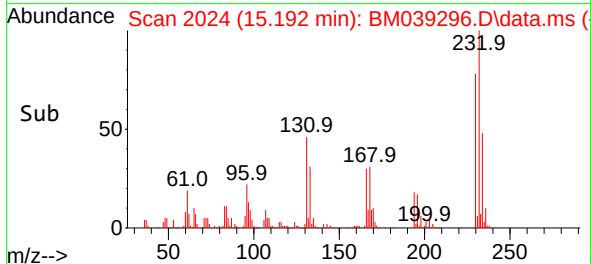
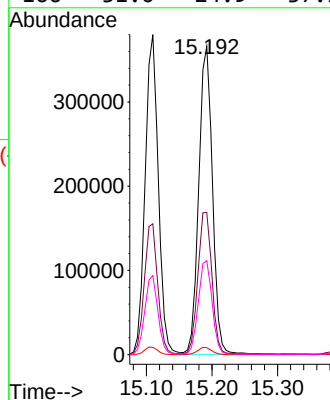
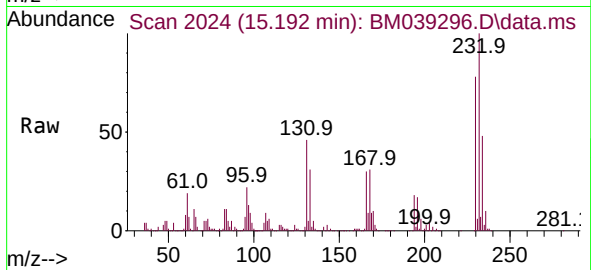




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.474 ng
RT: 15.192 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

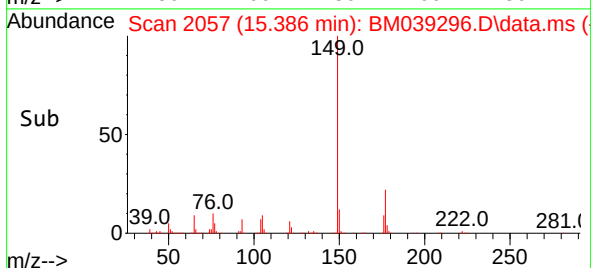
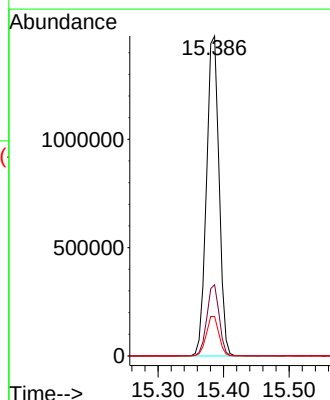
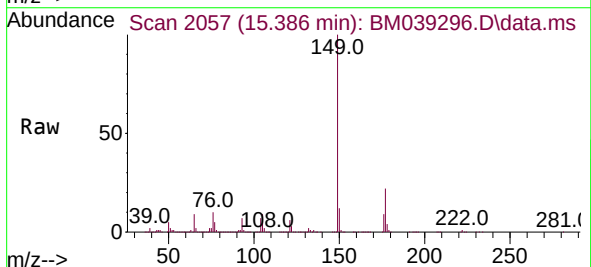
Instrument :
BNA_M
ClientSampleId :
PB151822BS

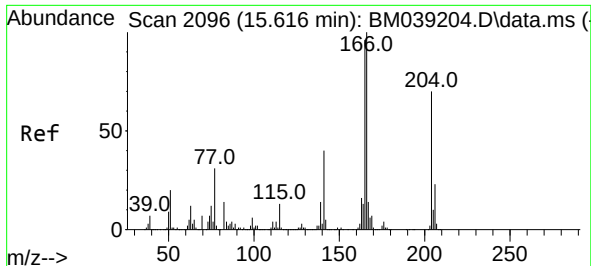
Tgt Ion:232 Resp: 527830
Ion Ratio Lower Upper
232 100
131 47.2 37.7 56.5
130 2.4 1.9 2.9
166 31.0 24.9 37.3



#60
Diethylphthalate
Concen: 38.340 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:149 Resp: 1954567
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.3 9.8 14.6

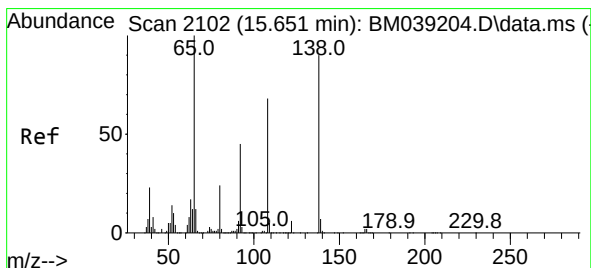
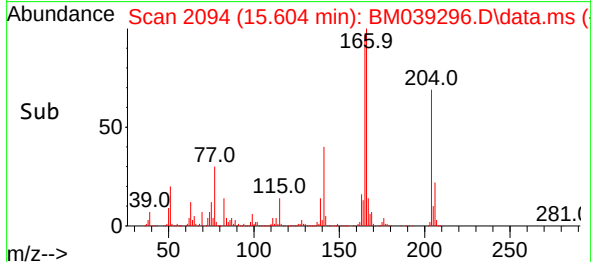
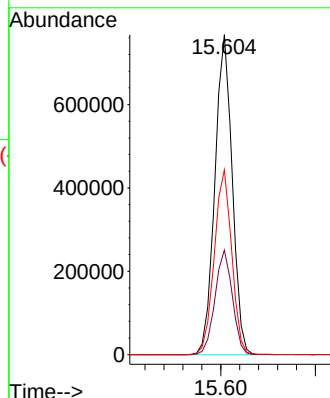
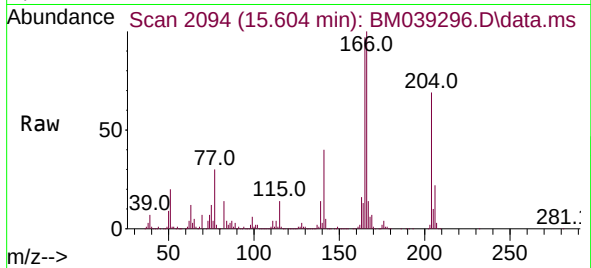




#61
4-Chlorophenyl-phenylether
Concen: 40.464 ng
RT: 15.604 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

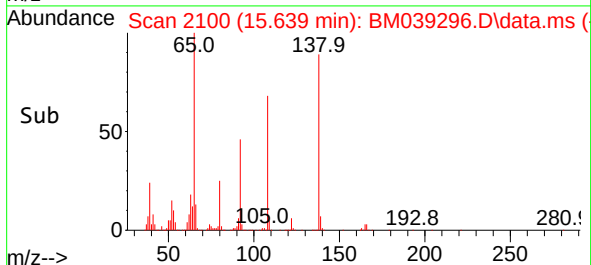
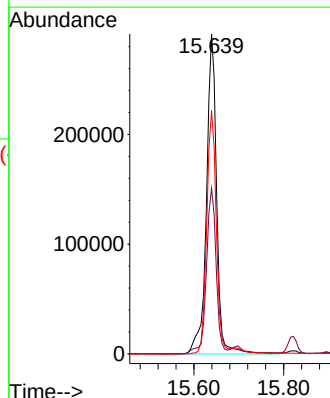
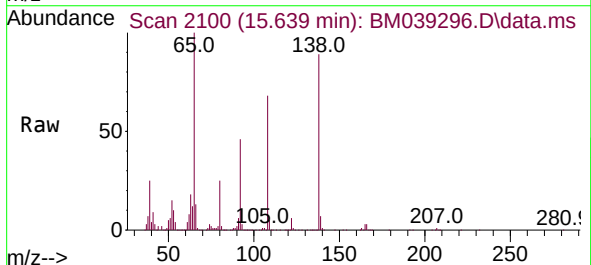
Instrument :
BNA_M
ClientSampleId :
PB151822BS

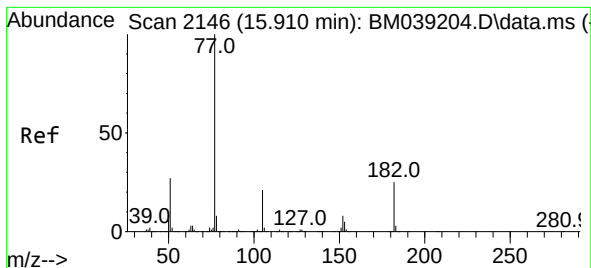
Tgt Ion:204 Resp: 974959
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.7 45.8 68.6



#62
4-Nitroaniline
Concen: 35.619 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:138 Resp: 460238
Ion Ratio Lower Upper
138 100
92 51.8 30.5 70.5
108 76.0 55.5 95.5





#63

Azobenzene

Concen: 40.992 ng

RT: 15.898 min Scan# 2144

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

Tgt Ion: 77 Resp: 2093673

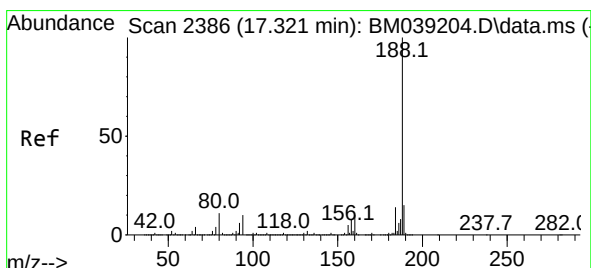
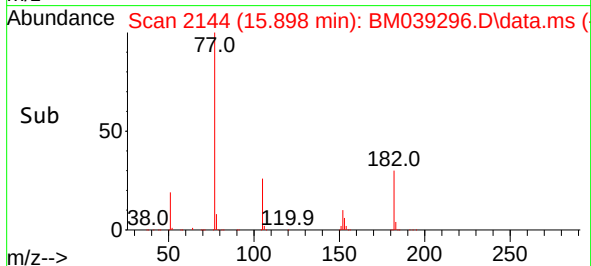
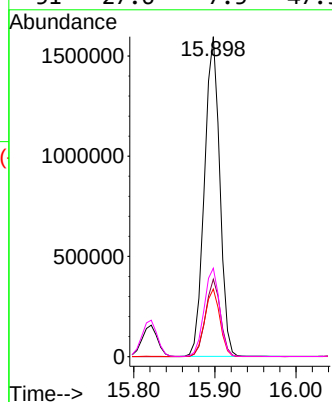
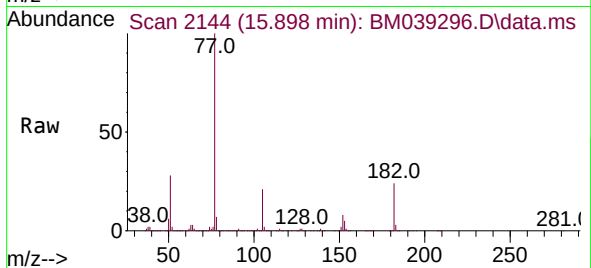
Ion Ratio Lower Upper

77 100

182 24.2 4.8 44.8

105 21.1 1.4 41.4

51 27.6 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

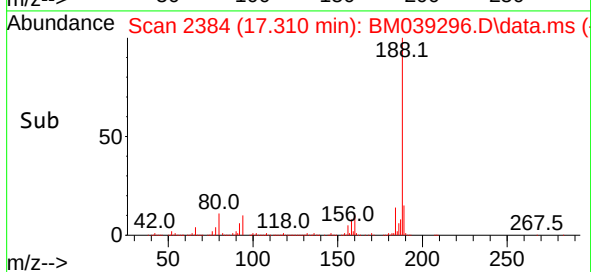
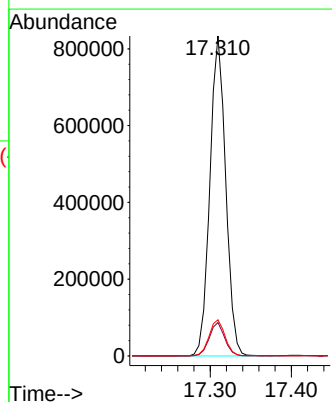
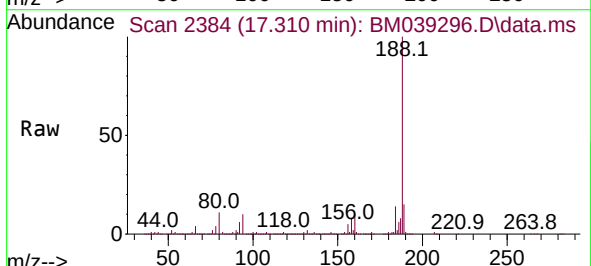
Tgt Ion:188 Resp: 1130195

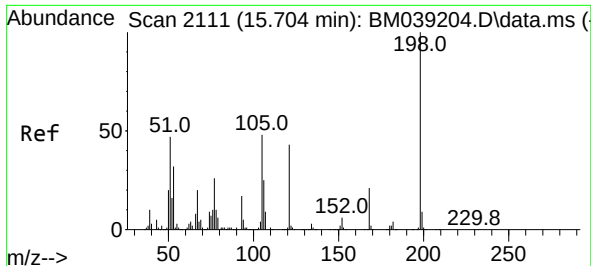
Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.3 8.9 13.3

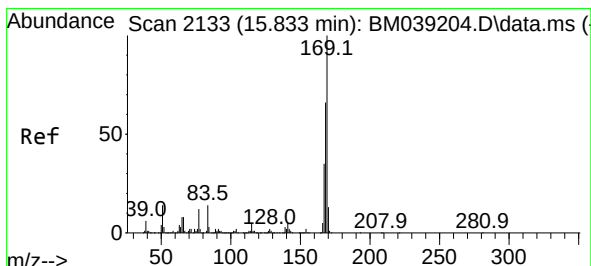
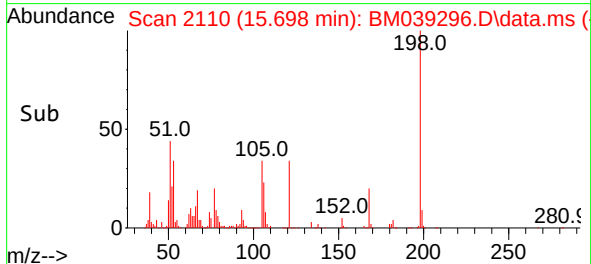
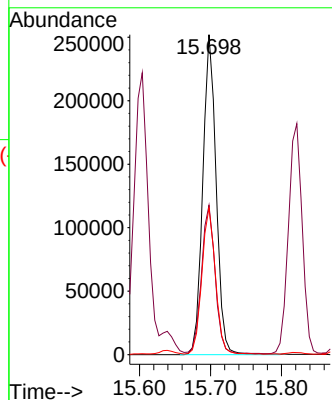
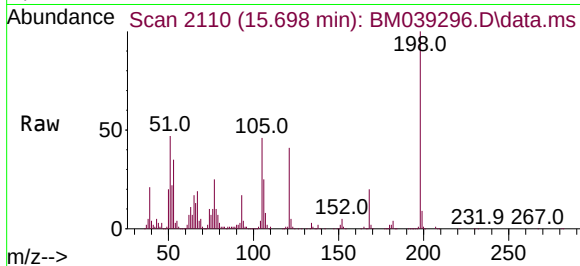




#65
4,6-Dinitro-2-methylphenol
Concen: 44.067 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

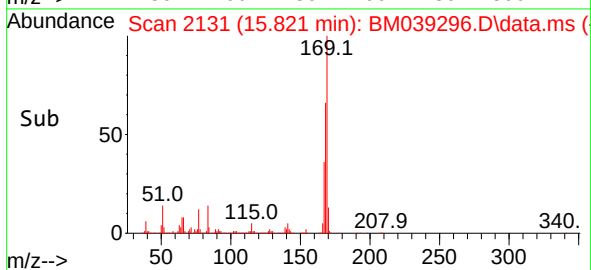
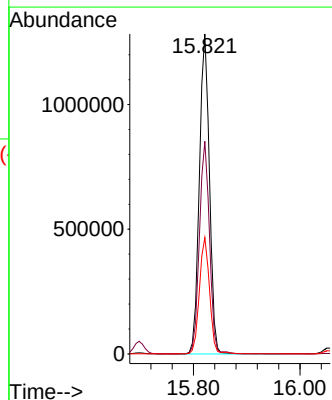
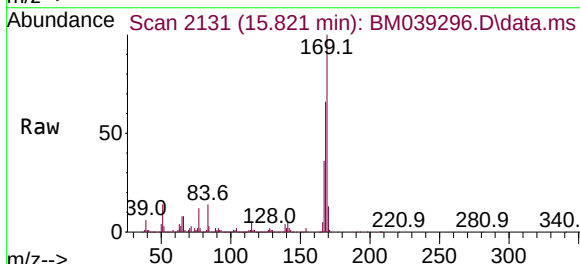
Instrument :
BNA_M
ClientSampleId :
PB151822BS

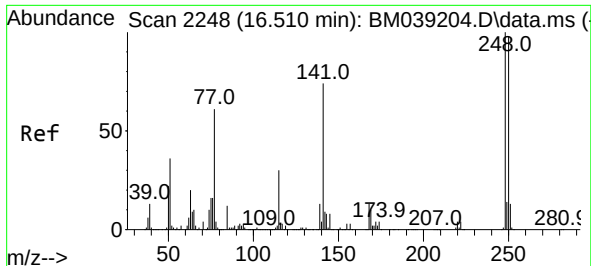
Tgt Ion:198 Resp: 327650
Ion Ratio Lower Upper
198 100
51 46.7 28.9 68.9
105 45.9 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 47.217 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

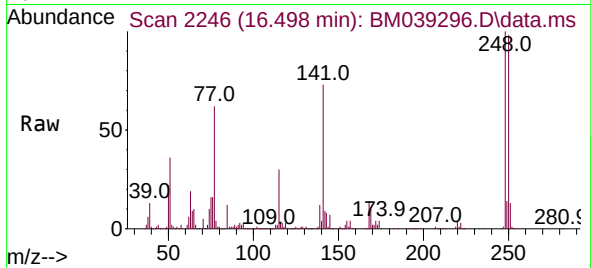
Tgt Ion:169 Resp: 1681602
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.3 28.4 42.6



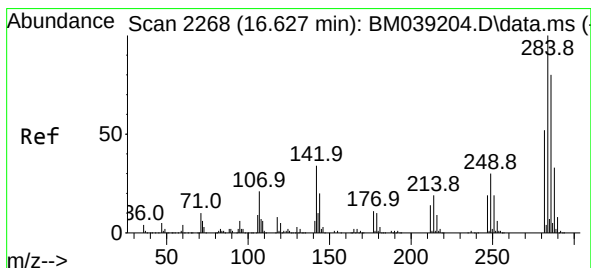
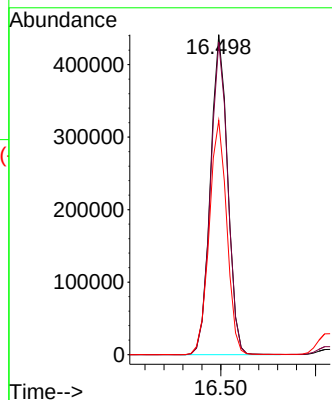
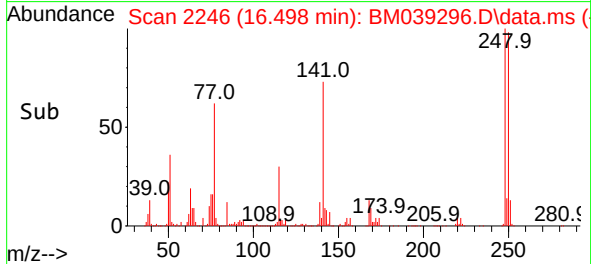


#67
4-Bromophenyl-phenylether
Concen: 46.366 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

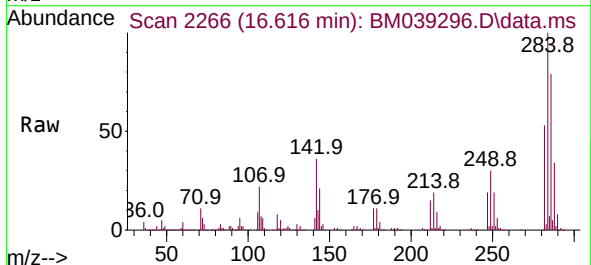
Instrument :
BNA_M
ClientSampleId :
PB151822BS



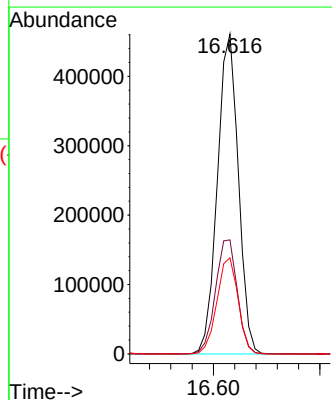
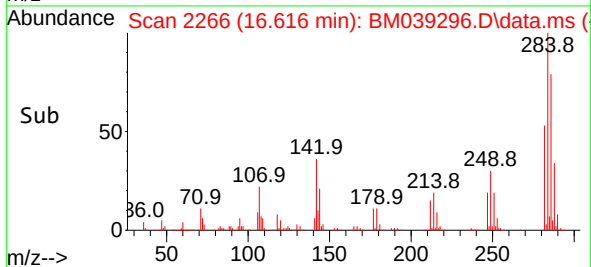
Tgt Ion:248 Resp: 559634
Ion Ratio Lower Upper
248 100
250 97.6 78.8 118.2
141 73.2 58.8 88.2

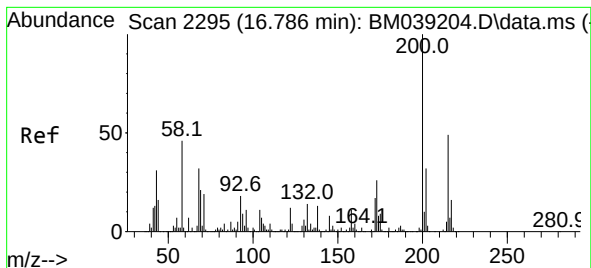


#68
Hexachlorobenzene
Concen: 48.212 ng
RT: 16.616 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52



Tgt Ion:284 Resp: 630953
Ion Ratio Lower Upper
284 100
142 35.6 27.4 41.2
249 30.0 24.4 36.6





#69

Atrazine

Concen: 45.391 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

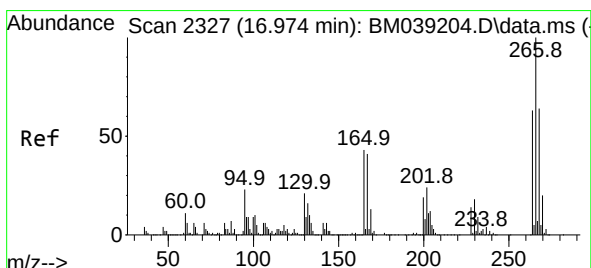
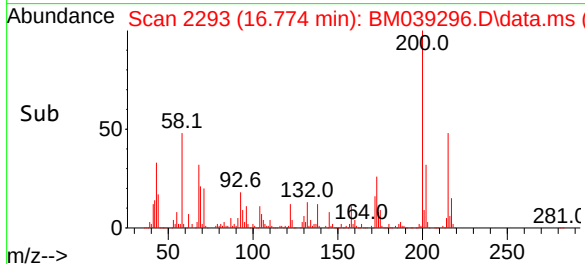
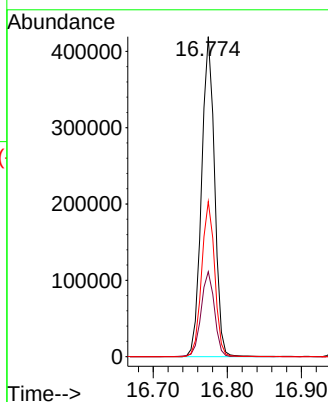
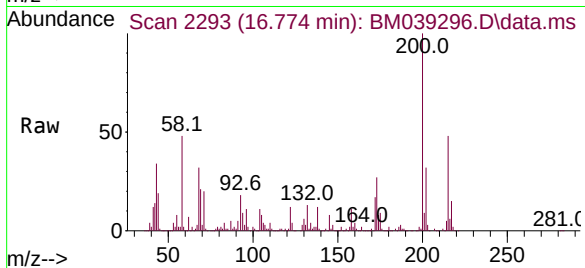
Tgt Ion:200 Resp: 512005

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

215 48.4 28.9 68.9



#70

Pentachlorophenol

Concen: 81.777 ng

RT: 16.963 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

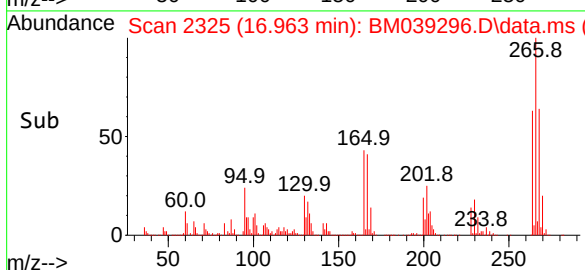
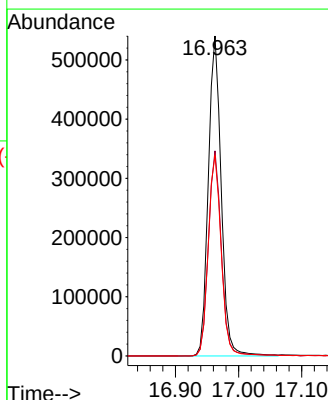
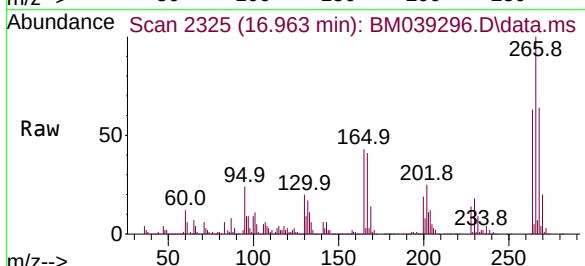
Tgt Ion:266 Resp: 767842

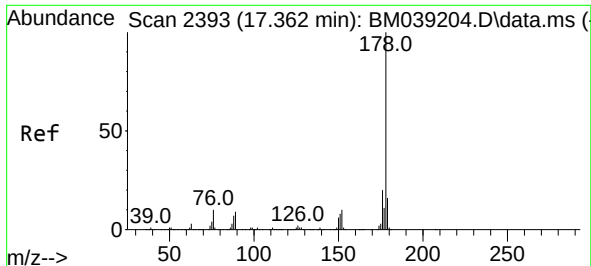
Ion Ratio Lower Upper

266 100

268 64.1 51.4 77.2

264 62.6 50.2 75.4

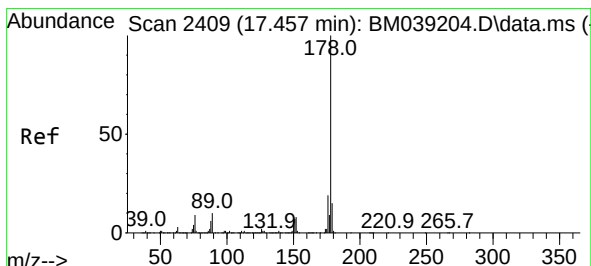
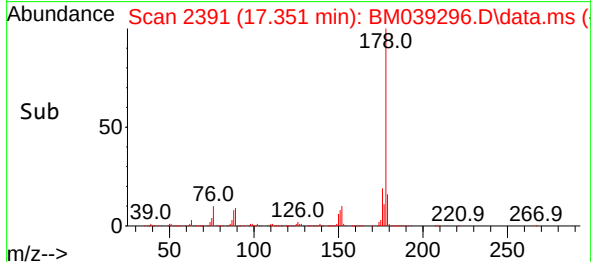
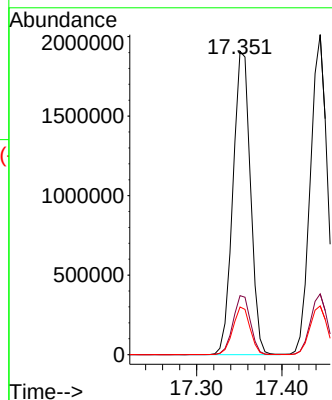
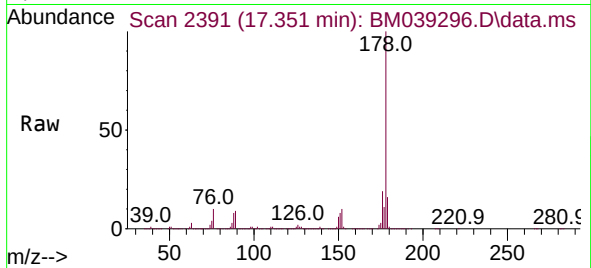




#71
Phenanthrene
Concen: 43.960 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

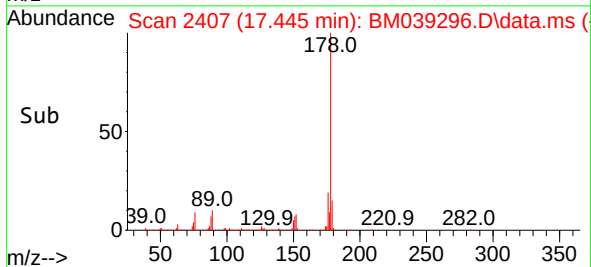
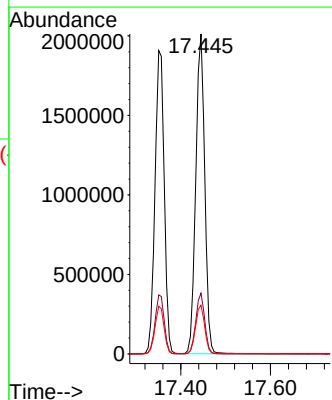
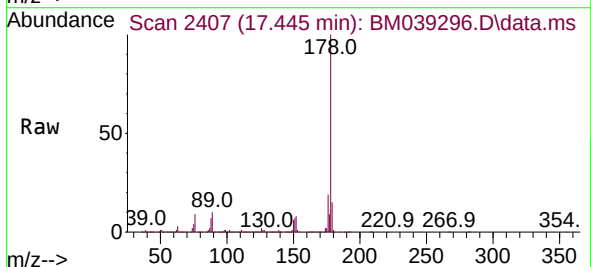
Instrument :
BNA_M
ClientSampleId :
PB151822BS

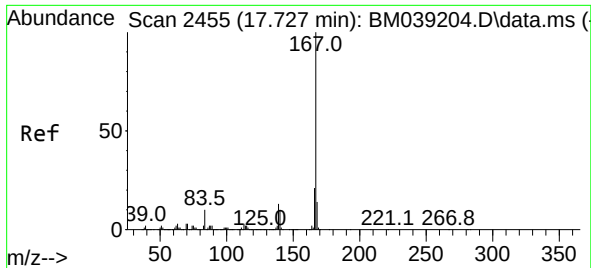
Tgt Ion:178 Resp: 2721083
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.4 18.6



#72
Anthracene
Concen: 44.405 ng
RT: 17.445 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:178 Resp: 2802695
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.2 12.2 18.2

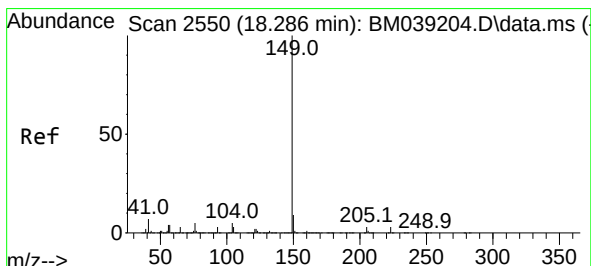
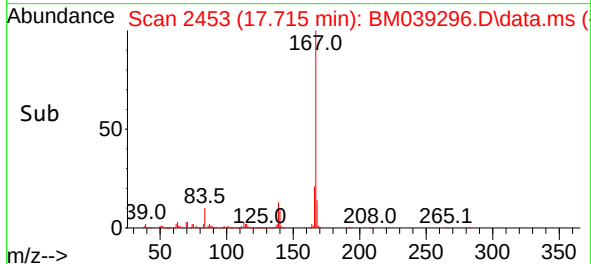
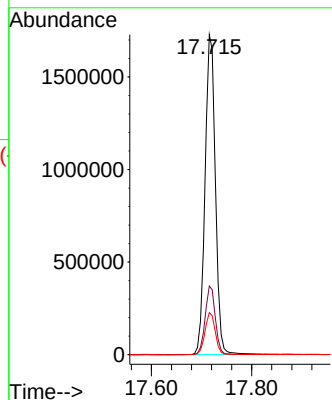
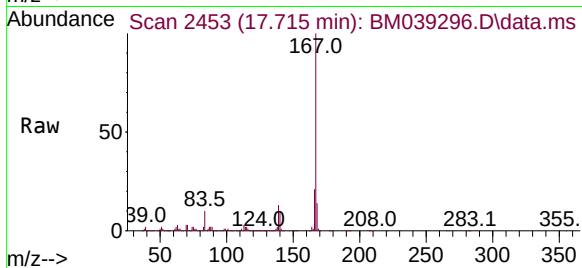




#73
 Carbazole
 Concen: 42.050 ng
 RT: 17.715 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

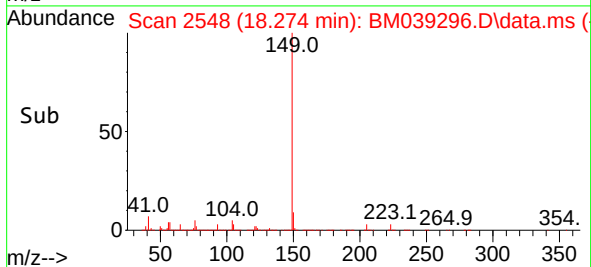
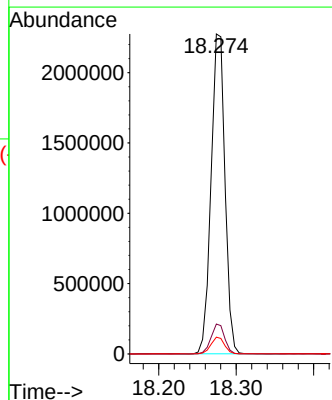
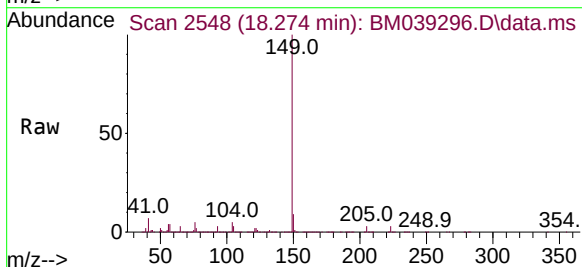
Instrument :
 BNA_M
 ClientSampleId :
 PB151822BS

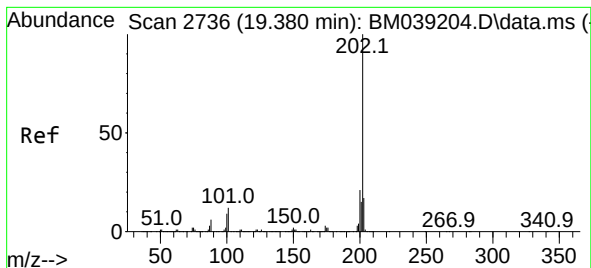
Tgt Ion:167 Resp: 2480025
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.821 ng
 RT: 18.274 min Scan# 2548
 Delta R.T. -0.006 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

Tgt Ion:149 Resp: 2832232
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 37.135 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

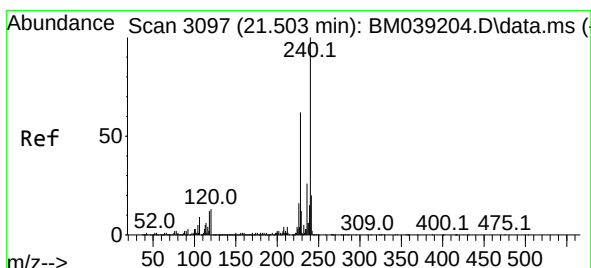
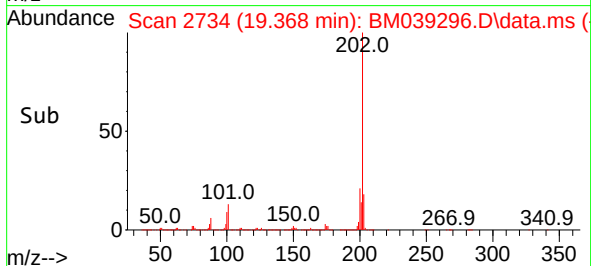
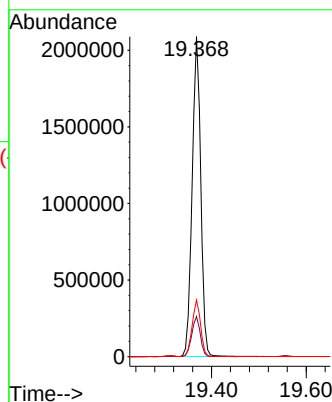
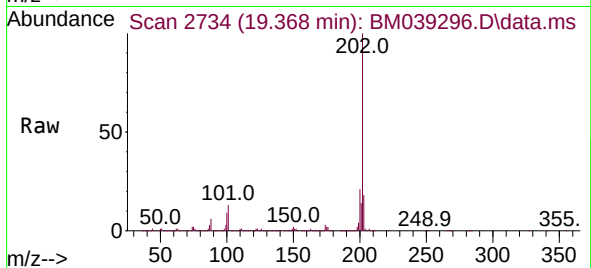
Tgt Ion:202 Resp: 2620233

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.5

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

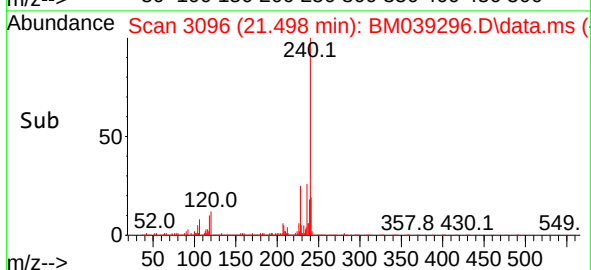
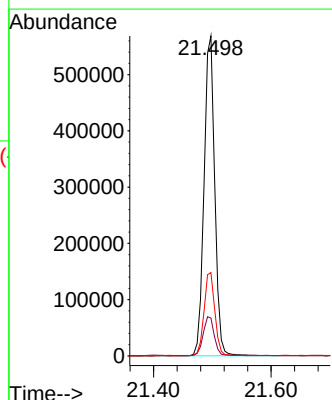
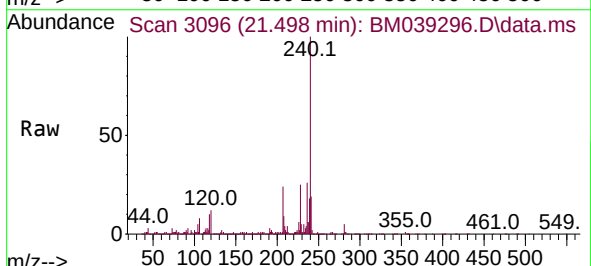
Tgt Ion:240 Resp: 717572

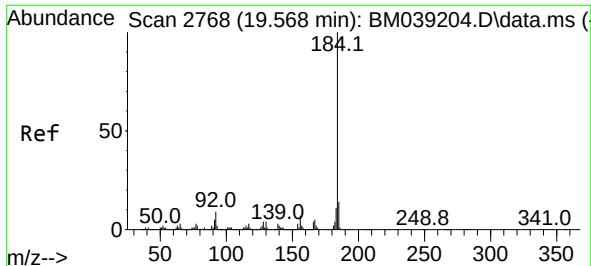
Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.2

236 26.0 20.9 31.3

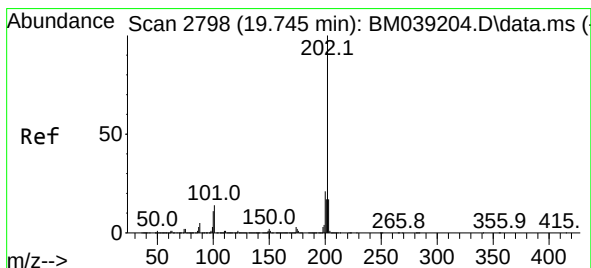
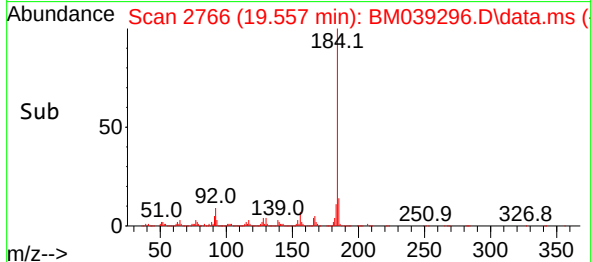
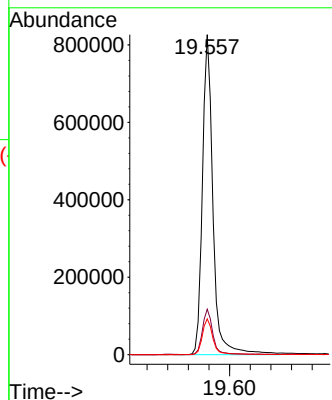
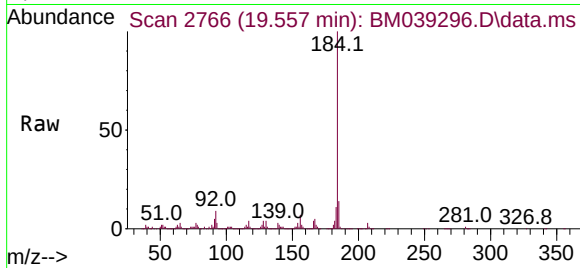




#77
Benzidine
Concen: 61.860 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

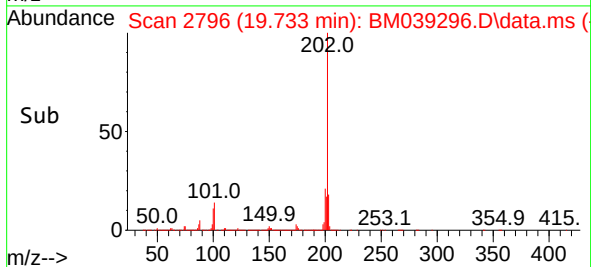
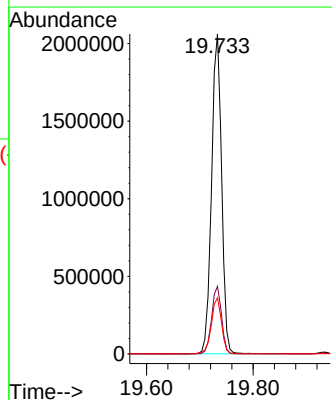
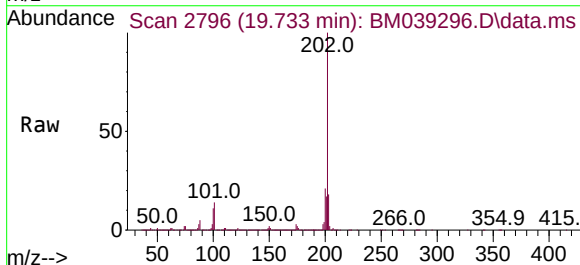
Instrument :
BNA_M
ClientSampleId :
PB151822BS

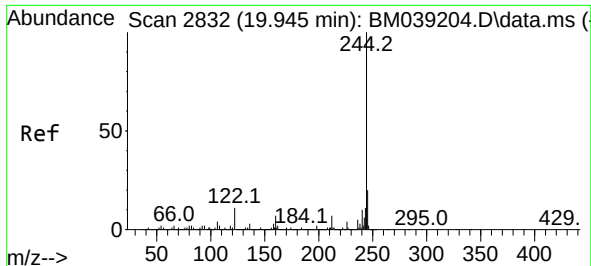
Tgt Ion:184 Resp: 1170818
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.2 9.0 13.4



#78
Pyrene
Concen: 52.925 ng
RT: 19.733 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:202 Resp: 2703599
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.5 13.9 20.9

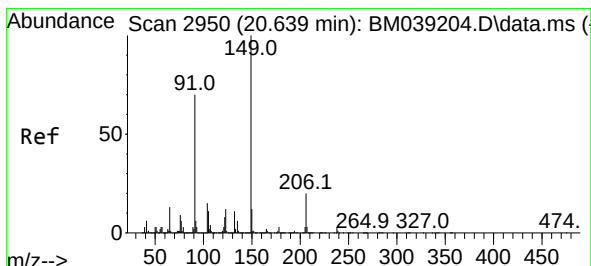
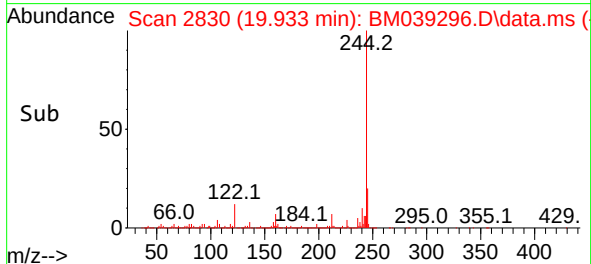
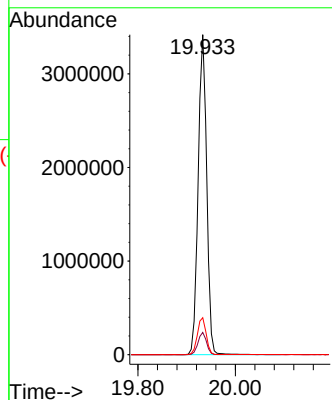
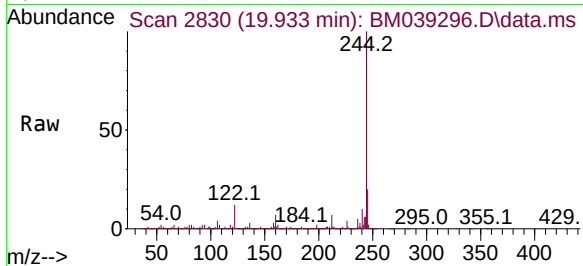




#79
 Terphenyl-d14
 Concen: 106.509 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

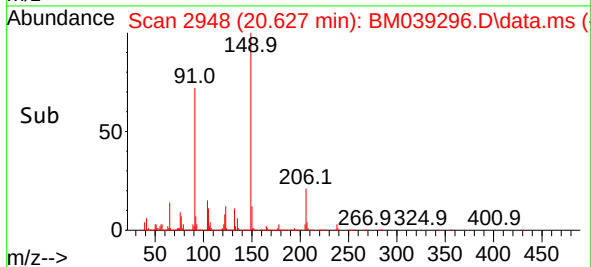
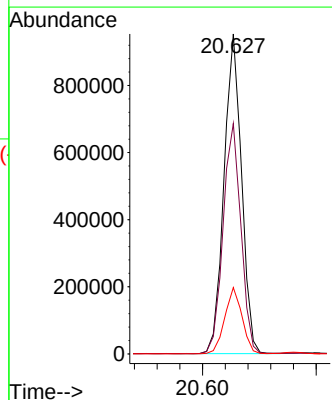
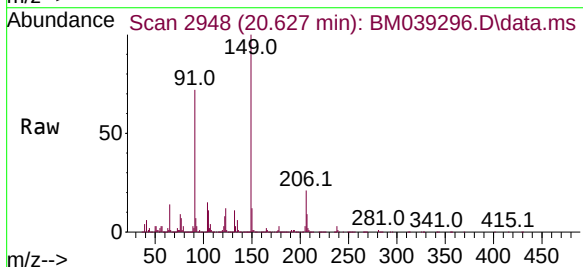
Instrument :
 BNA_M
 ClientSampleId :
 PB151822BS

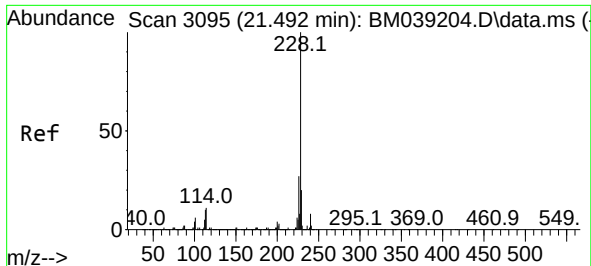
Tgt Ion:244 Resp: 4136689
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.5 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 43.410 ng
 RT: 20.627 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM039296.D
 Acq: 04 Apr 2023 13:52

Tgt Ion:149 Resp: 1015922
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.3 84.5
 206 20.7 16.4 24.6

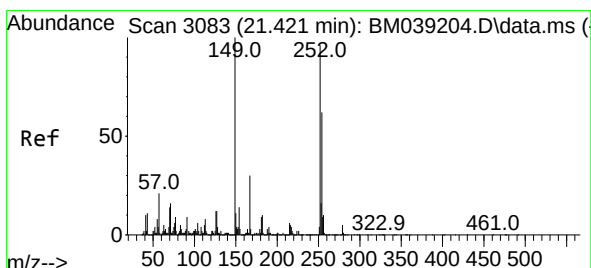
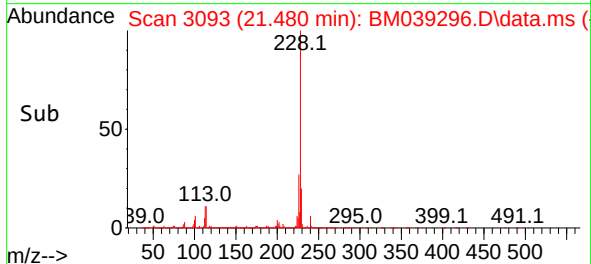
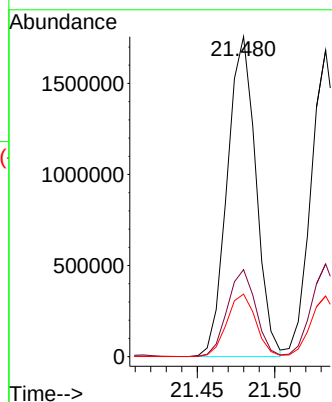
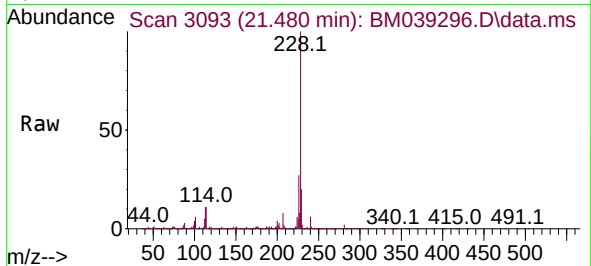




#81
Benzo(a)anthracene
Concen: 44.603 ng
RT: 21.480 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

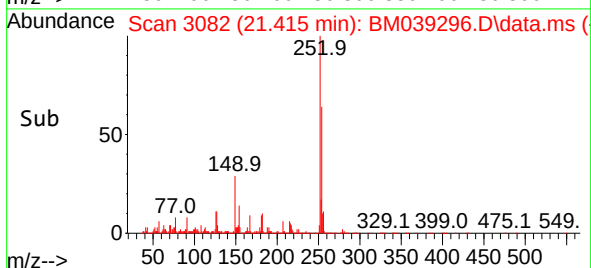
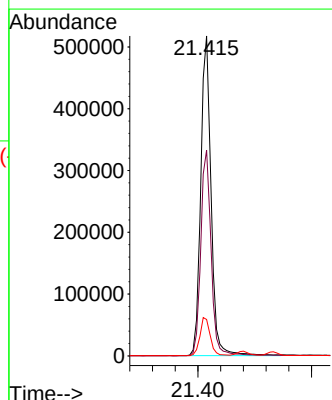
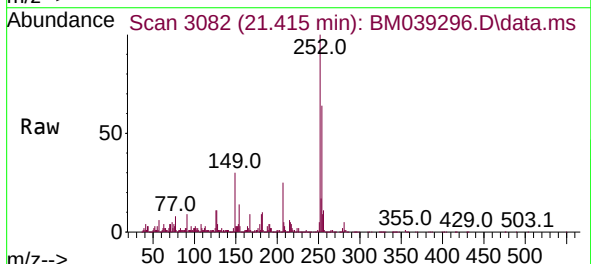
Instrument :
BNA_M
ClientSampleId :
PB151822BS

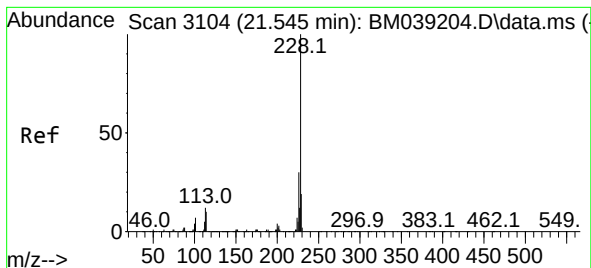
Tgt Ion:228 Resp: 2257238
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.532 ng
RT: 21.415 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:252 Resp: 649603
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.8
126 11.4 10.1 15.1





#83

Chrysene

Concen: 43.747 ng

RT: 21.533 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

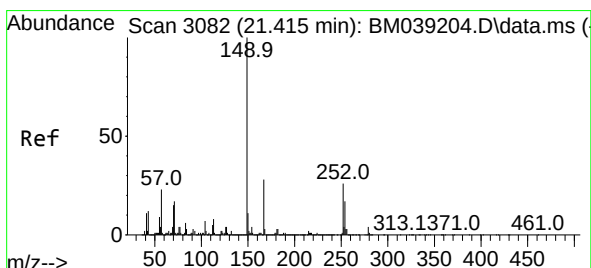
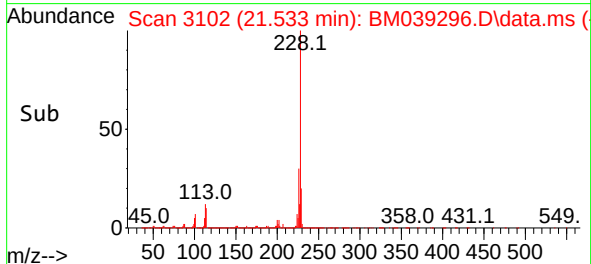
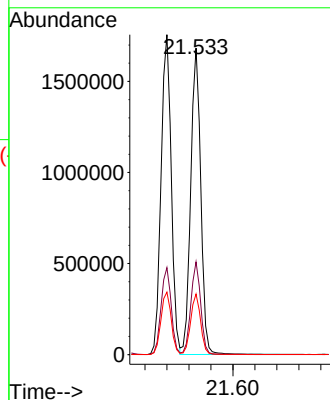
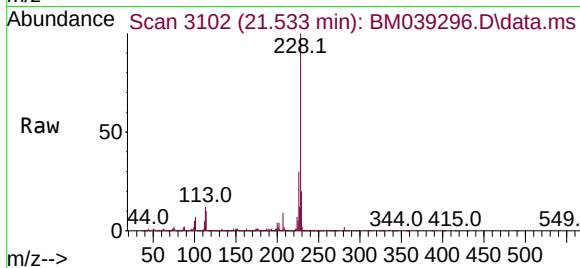
Tgt Ion:228 Resp: 2137266

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.062 ng

RT: 21.403 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

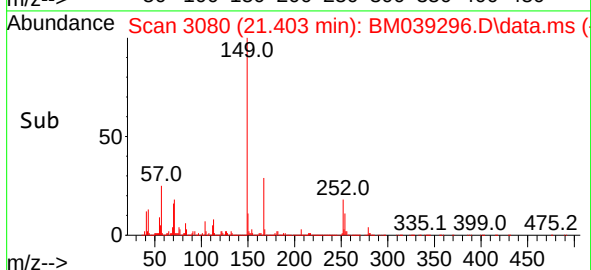
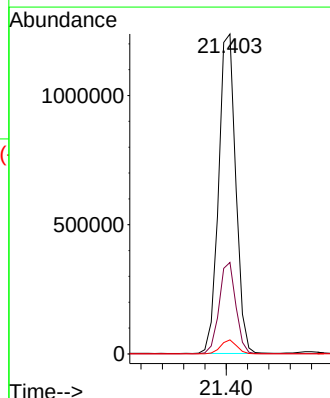
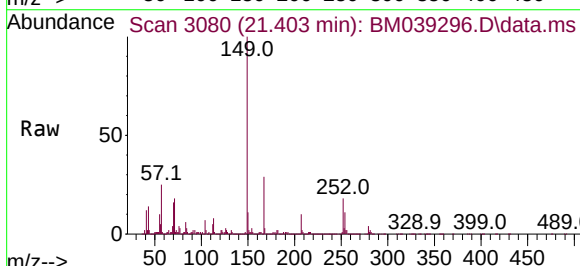
Tgt Ion:149 Resp: 1384684

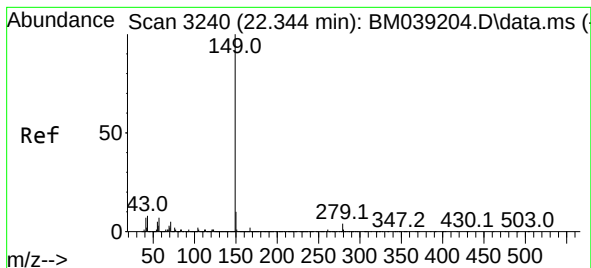
Ion Ratio Lower Upper

149 100

167 28.6 22.3 33.5

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 35.938 ng

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

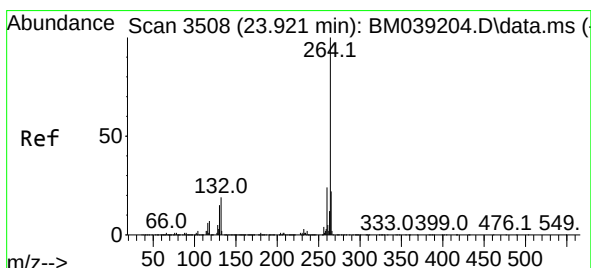
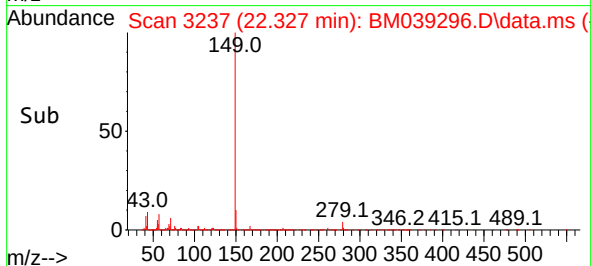
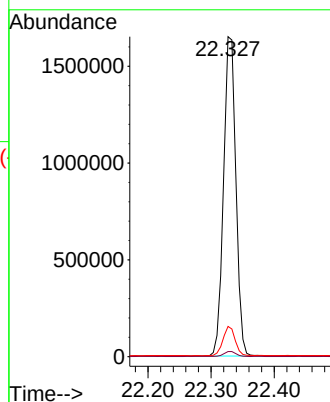
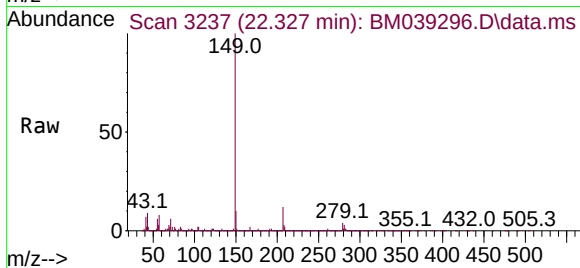
Tgt Ion:149 Resp: 2237950

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

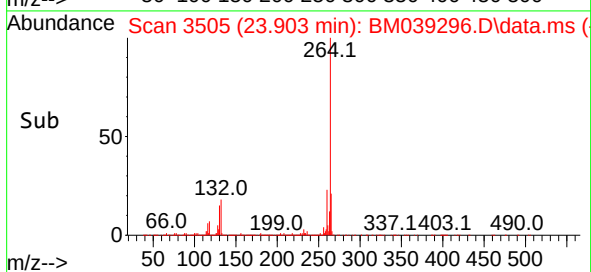
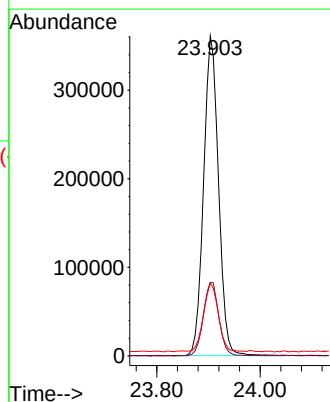
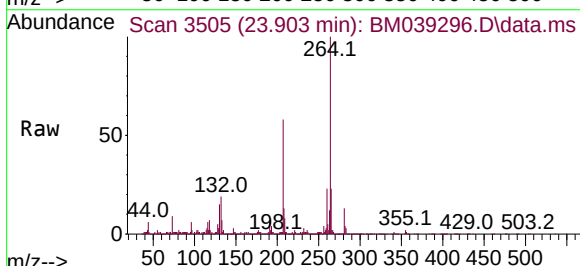
Tgt Ion:264 Resp: 722747

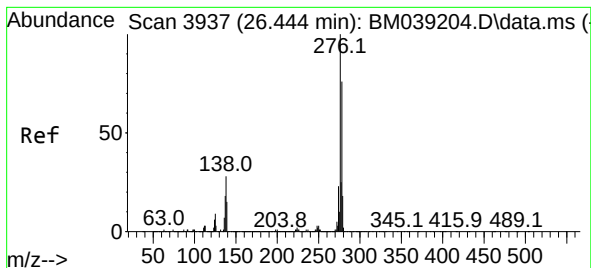
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.8 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.818 ng

RT: 26.415 min Scan# 3937

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

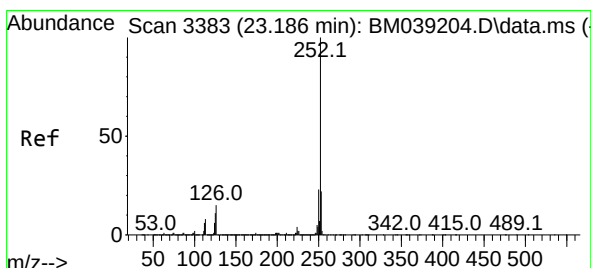
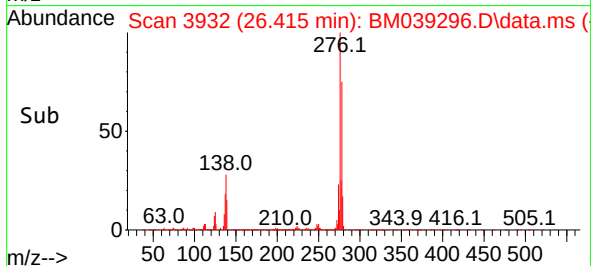
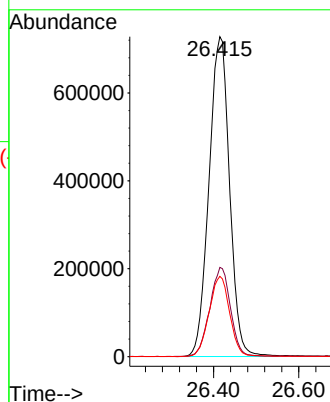
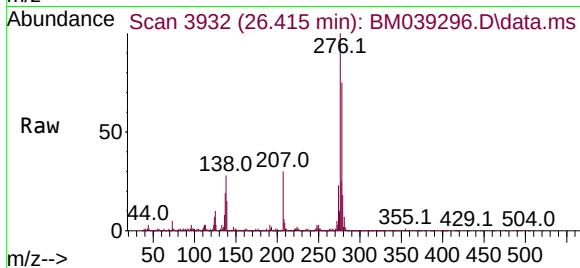
Tgt Ion:276 Resp: 2439877

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.140 ng

RT: 23.174 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

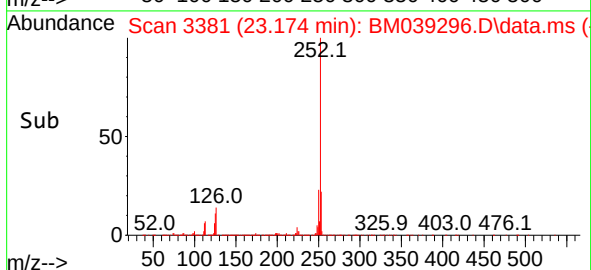
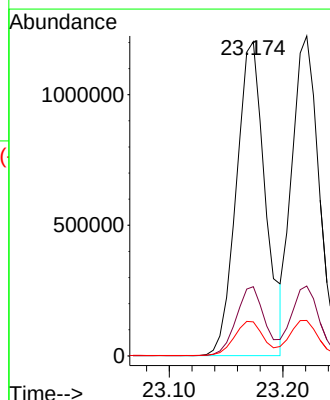
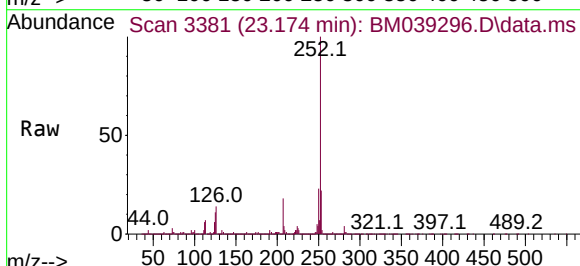
Tgt Ion:252 Resp: 2128925

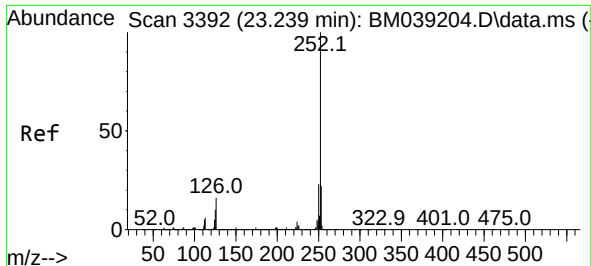
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.8 9.0 13.6

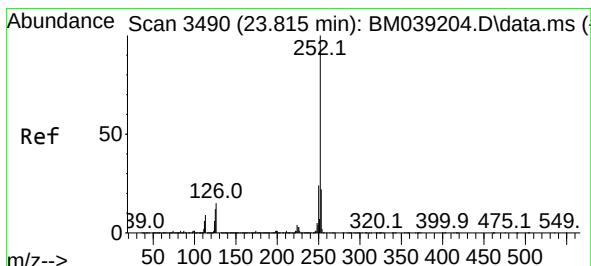
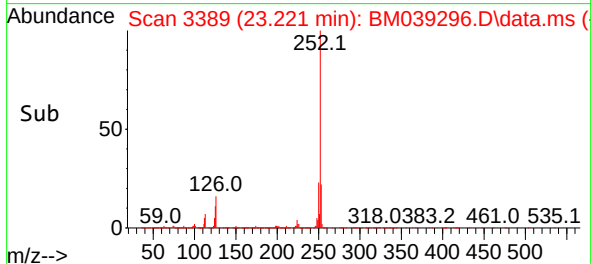
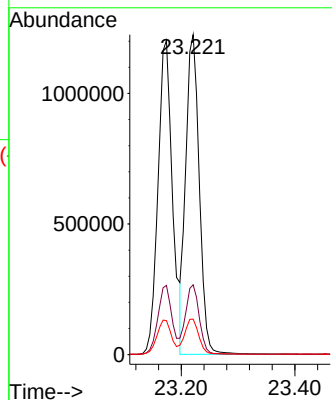
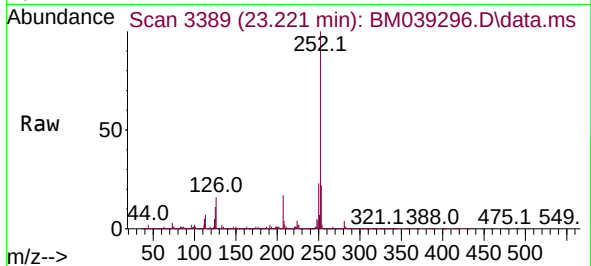




#89
Benzo(k)fluoranthene
Concen: 44.950 ng
RT: 23.221 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

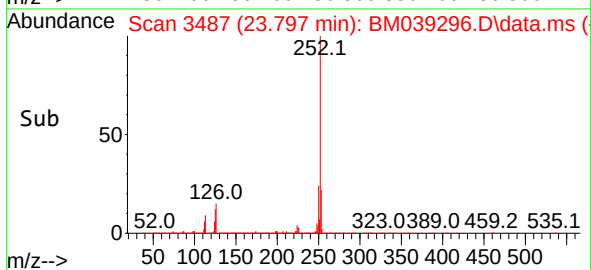
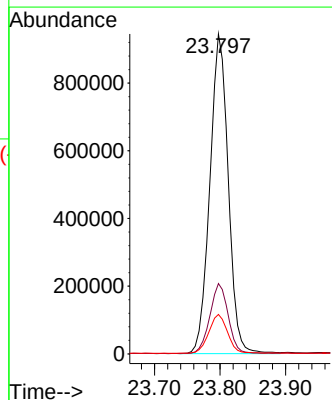
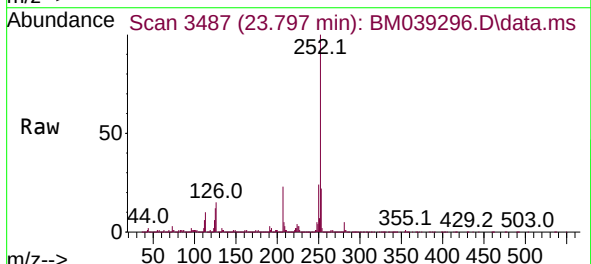
Instrument :
BNA_M
ClientSampleId :
PB151822BS

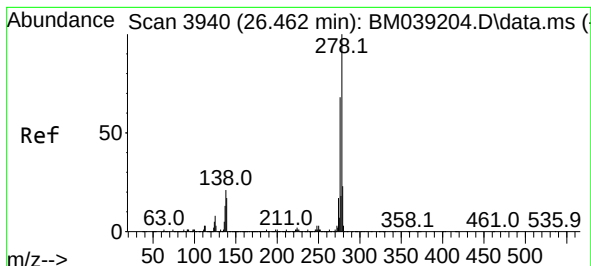
Tgt Ion:252 Resp: 2024831
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 42.362 ng
RT: 23.797 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM039296.D
Acq: 04 Apr 2023 13:52

Tgt Ion:252 Resp: 1840341
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.3 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 45.552 ng

RT: 26.427 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Instrument :

BNA_M

ClientSampleId :

PB151822BS

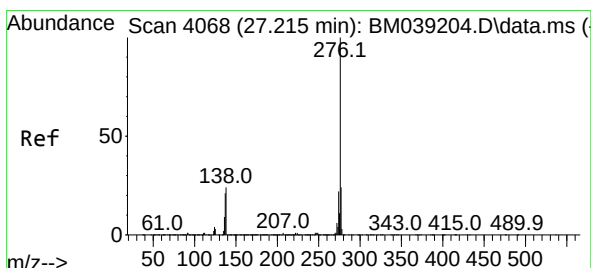
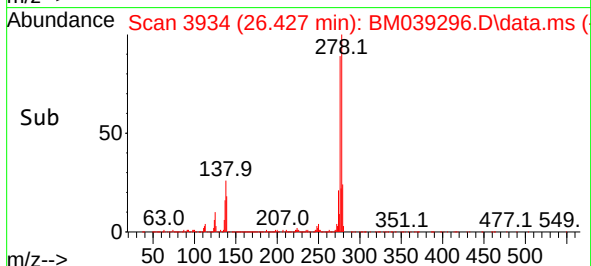
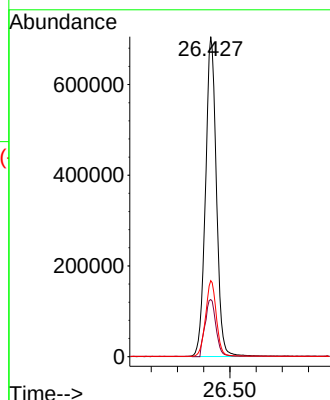
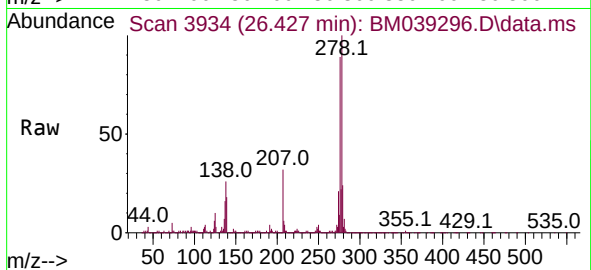
Tgt Ion:278 Resp: 2036830

Ion Ratio Lower Upper

278 100

139 17.8 13.9 20.9

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.582 ng

RT: 27.185 min Scan# 4063

Delta R.T. -0.000 min

Lab File: BM039296.D

Acq: 04 Apr 2023 13:52

Tgt Ion:276 Resp: 2048400

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.1 19.5 29.3

