

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039249.D
 Acq On : 31 Mar 2023 12:20
 Operator : CG/JU
 Sample : PB151721BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Quant Time: Mar 31 17:13:35 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	240528	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	932055	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	502830	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	946322	20.000	ng	0.00
76) Chrysene-d12	21.497	240	717284	20.000	ng	0.00
86) Perylene-d12	23.903	264	743370	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1721717	107.844	ng	0.00
7) Phenol-d6	7.092	99	2157555	104.485	ng	0.00
23) Nitrobenzene-d5	9.086	82	1293158	67.432	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	617810	96.791	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2604418	70.178	ng	0.00
79) Terphenyl-d14	19.933	244	2929452	75.456	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.346	88	264057	40.465	ng 99
3) Pyridine	3.757	79	648782	35.489	ng 99
4) n-Nitrosodimethylamine	3.663	42	294628	41.036	ng 100
6) Aniline	7.245	93	946956	37.052	ng 100
8) 2-Chlorophenol	7.481	128	726435	44.457	ng 98
9) Benzaldehyde	7.057	77	452099	38.445	ng 98
10) Phenol	7.116	94	927635	44.827	ng 100
11) bis(2-Chloroethyl)ether	7.345	93	711788	42.756	ng 99
12) 1,3-Dichlorobenzene	7.804	146	761761	43.958	ng 99
13) 1,4-Dichlorobenzene	7.951	146	776757	44.330	ng 98
14) 1,2-Dichlorobenzene	8.275	146	736690	43.968	ng 99
15) Benzyl Alcohol	8.163	79	598455	42.137	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	916855	43.058	ng 99
17) 2-Methylphenol	8.369	107	586407	40.503	ng 99
18) Hexachloroethane	8.998	117	297736	43.927	ng 98
19) n-Nitroso-di-n-propyla...	8.733	70	534287	40.476	ng 100
20) 3+4-Methylphenols	8.698	107	796873	40.960	ng 98
22) Acetophenone	8.751	105	1071146	42.982	ng # 99
24) Nitrobenzene	9.133	77	795158	41.687	ng 100
25) Isophorone	9.657	82	1432413	40.038	ng 100
26) 2-Nitrophenol	9.845	139	380414	43.143	ng 97
27) 2,4-Dimethylphenol	9.904	122	648677	44.277	ng 100
28) bis(2-Chloroethoxy)met...	10.139	93	910087	42.023	ng 100
29) 2,4-Dichlorophenol	10.380	162	622568	43.554	ng 99
30) 1,2,4-Trichlorobenzene	10.592	180	663191	43.368	ng 99
31) Naphthalene	10.780	128	2105973	41.933	ng 100
32) Benzoic acid	10.057	122	447744	39.212	ng 99
33) 4-Chloroaniline	10.898	127	371690	16.893	ng 99
34) Hexachlorobutadiene	11.063	225	382776	42.568	ng 98
35) Caprolactam	11.686	113	185514	37.378	ng 99
36) 4-Chloro-3-methylphenol	12.022	107	641787	40.694	ng 99
37) 2-Methylnaphthalene	12.392	142	1385225	39.621	ng 99
38) 1-Methylnaphthalene	12.610	142	1286095	39.286	ng 100
40) 1,2,4,5-Tetrachloroben...	12.757	216	697636	45.569	ng 99
41) Hexachlorocyclopentadiene	12.733	237	973334	116.376	ng 98
43) 2,4,6-Trichlorophenol	12.998	196	463612	44.404	ng 99

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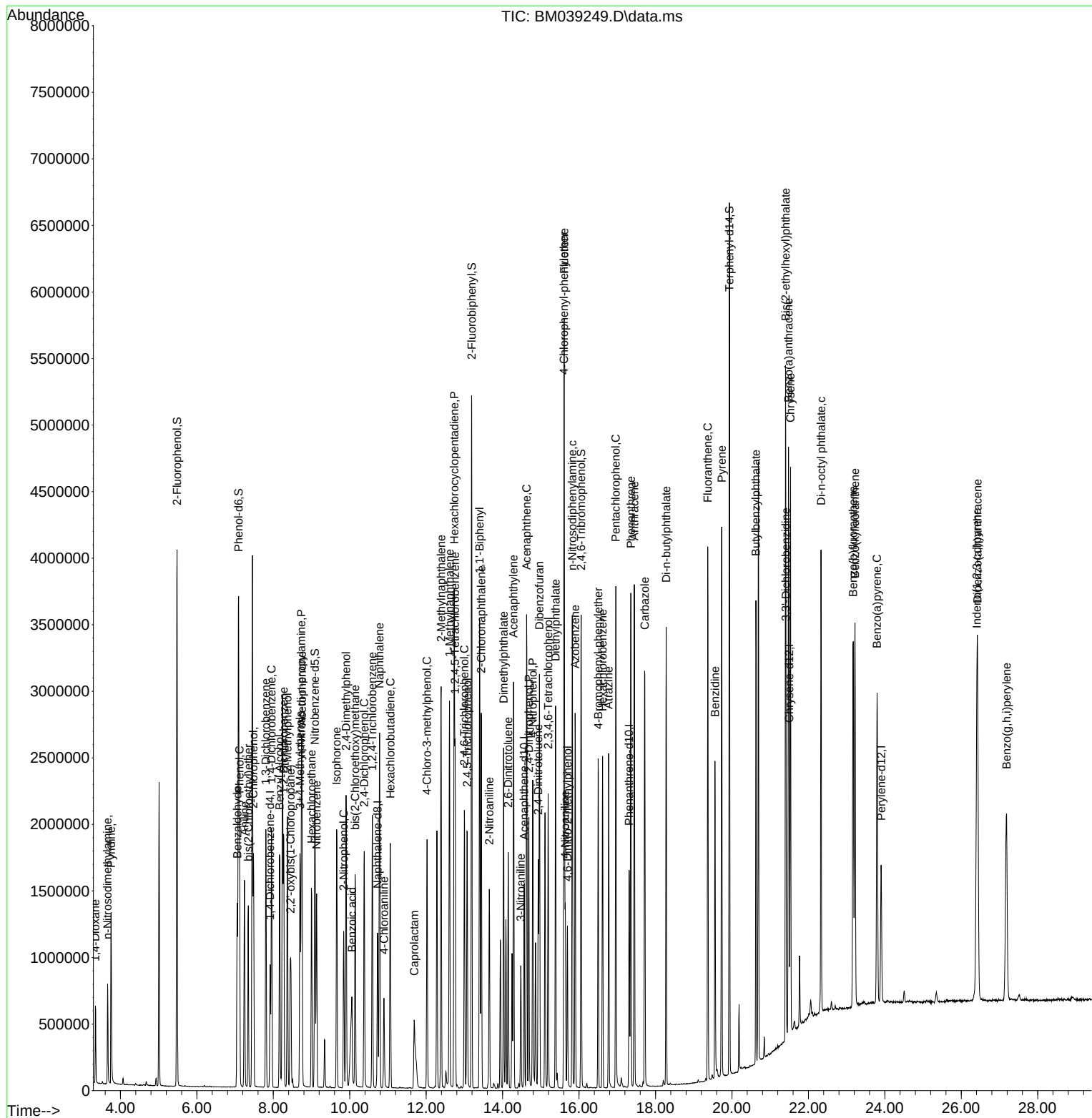
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	492490	40.237	ng	98
46) 1,1'-Biphenyl	13.398	154	1773659	44.668	ng	99
47) 2-Chloronaphthalene	13.445	162	1341911	44.633	ng	98
48) 2-Nitroaniline	13.651	65	407302	40.257	ng	99
49) Acenaphthylene	14.286	152	2069069	41.873	ng	100
50) Dimethylphthalate	14.027	163	1548135	39.950	ng	100
51) 2,6-Dinitrotoluene	14.145	165	339727	40.767	ng	95
52) Acenaphthene	14.627	154	1221621	41.868	ng	99
53) 3-Nitroaniline	14.474	138	225489	23.406	ng	96
54) 2,4-Dinitrophenol	14.686	184	421968	85.503	ng	96
55) Dibenzofuran	14.962	168	1928304	41.050	ng	99
56) 4-Nitrophenol	14.792	139	620670	83.549	ng	99
57) 2,4-Dinitrotoluene	14.933	165	450751	39.985	ng	94
58) Fluorene	15.610	166	1503799	40.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	402090	41.294	ng	100
60) Diethylphthalate	15.386	149	1509472	38.700	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	744245	40.372	ng	98
62) 4-Nitroaniline	15.639	138	353511	35.758	ng	98
63) Azobenzene	15.898	77	1570205	40.181	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	252473	40.554	ng	95
66) n-Nitrosodiphenylamine	15.821	169	1276250	42.798	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	431811	42.727	ng	97
68) Hexachlorobenzene	16.615	284	491809	44.881	ng	98
69) Atrazine	16.774	200	404692	42.848	ng	99
70) Pentachlorophenol	16.962	266	620506	78.926	ng	99
71) Phenanthrene	17.356	178	2163773	41.749	ng	100
72) Anthracene	17.445	178	2186050	41.365	ng	99
73) Carbazole	17.721	167	2007805	40.658	ng	99
74) Di-n-butylphthalate	18.280	149	2424674	39.693	ng	99
75) Fluoranthene	19.368	202	2266023	38.355	ng	100
77) Benzidine	19.556	184	1300659	68.747	ng	100
78) Pyrene	19.733	202	2377269	46.556	ng	100
80) Butylbenzylphthalate	20.627	149	979628	41.876	ng	95
81) Benzo(a)anthracene	21.480	228	2113668	41.783	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	549481	32.607	ng	99
83) Chrysene	21.533	228	1969847	40.336	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1388983	40.202	ng	100
85) Di-n-octyl phthalate	22.333	149	2297922	36.916	ng	100
87) Indeno(1,2,3-cd)pyrene	26.409	276	2226823	40.657	ng	100
88) Benzo(b)fluoranthene	23.174	252	2036371	44.770	ng	99
89) Benzo(k)fluoranthene	23.221	252	1927217	41.596	ng	99
90) Benzo(a)pyrene	23.797	252	1753271	39.238	ng	100
91) Dibenzo(a,h)anthracene	26.426	278	1880201	40.882	ng	99
92) Benzo(g,h,i)perylene	27.185	276	1815379	40.138	ng	99

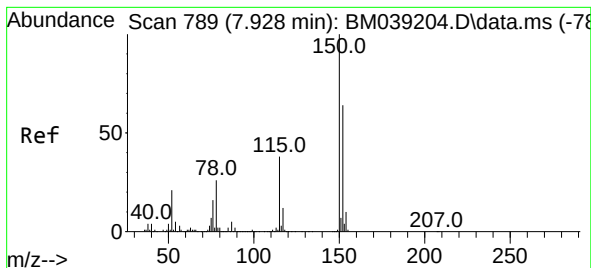
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.916 min Scan# 7

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

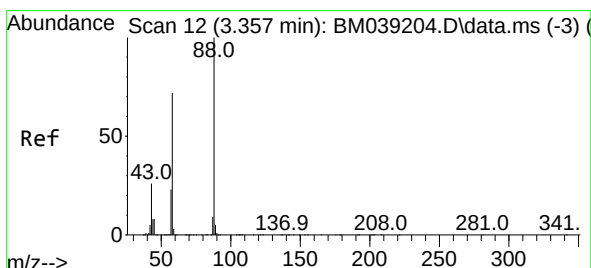
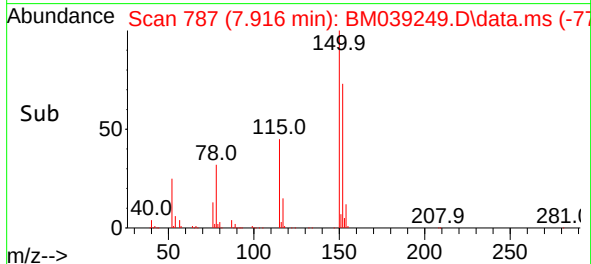
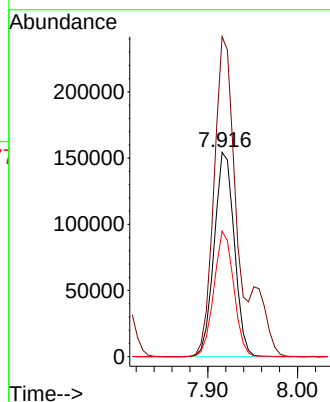
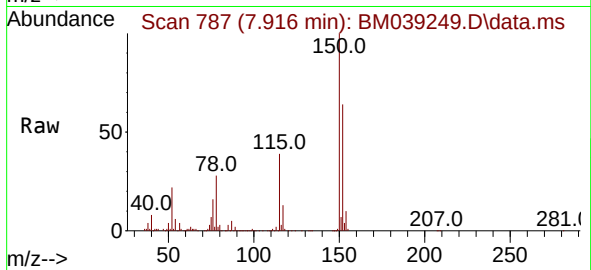
Tgt Ion:152 Resp: 240528

Ion Ratio Lower Upper

152 100

150 156.6 125.5 188.3

115 61.4 48.1 72.1



#2

1,4-Dioxane

Concen: 40.465 ng

RT: 3.346 min Scan# 10

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

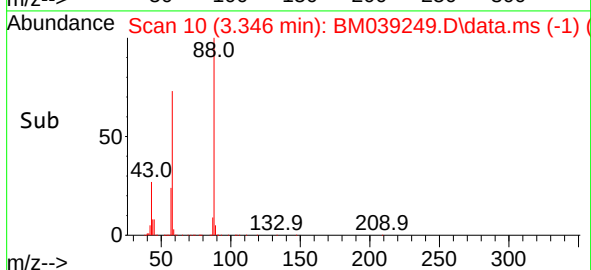
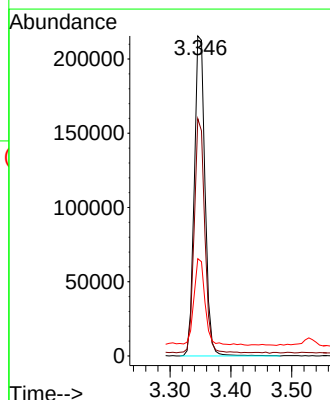
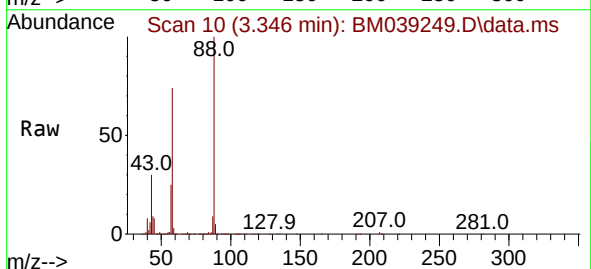
Tgt Ion: 88 Resp: 264057

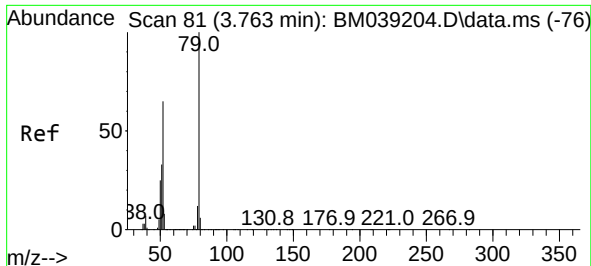
Ion Ratio Lower Upper

88 100

58 71.4 57.9 86.9

43 26.8 21.4 32.2



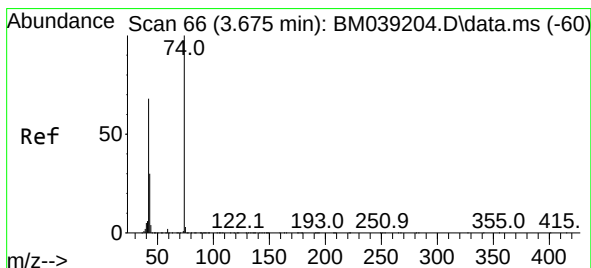
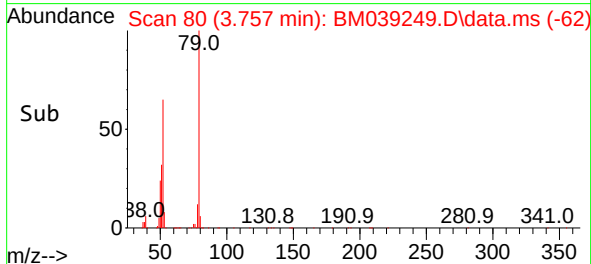
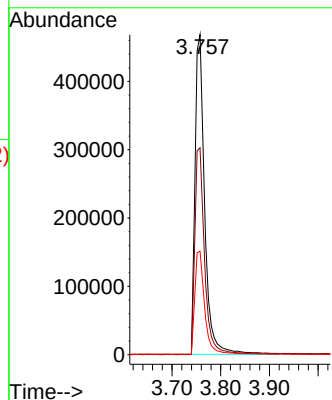
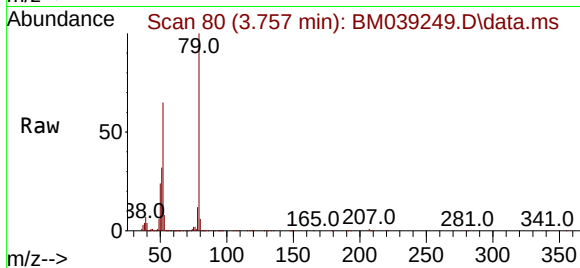


#3
 Pyridine
 Concen: 35.489 ng
 RT: 3.757 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Tgt Ion: 79 Resp: 648782

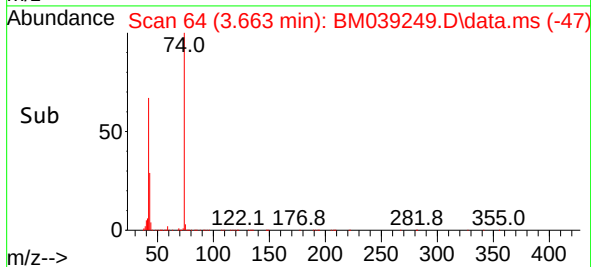
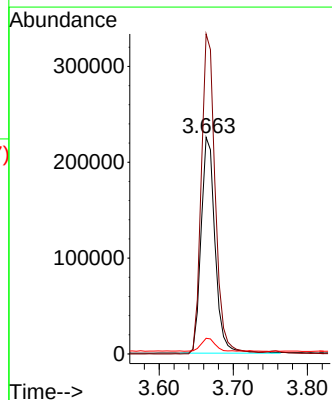
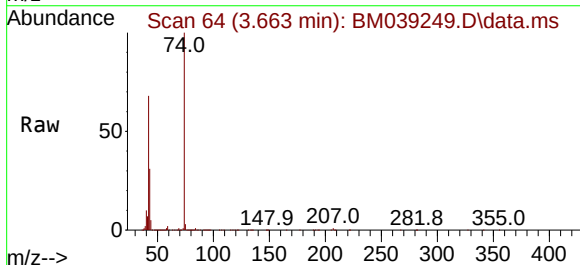
Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.0	78.0
51	32.4	26.4	39.6

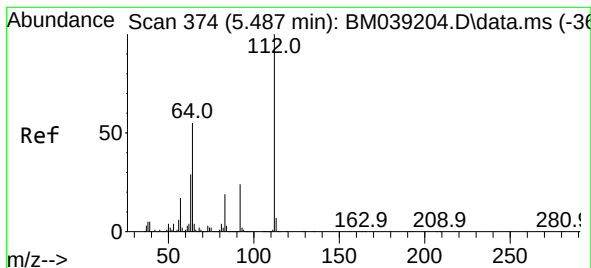


#4
 n-Nitrosodimethylamine
 Concen: 41.036 ng
 RT: 3.663 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Tgt Ion: 42 Resp: 294628

Ion	Ratio	Lower	Upper
42	100		
74	147.7	118.1	177.1
44	7.3	6.3	9.5





#5

2-Fluorophenol

Concen: 107.844 ng

RT: 5.481 min Scan# 31

Delta R.T. 0.005 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

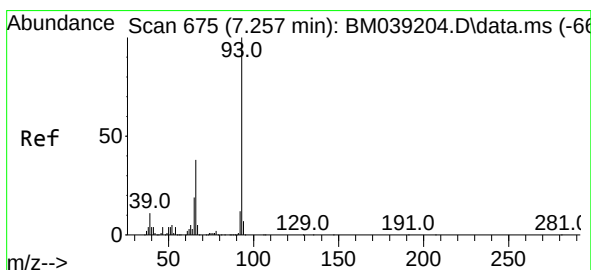
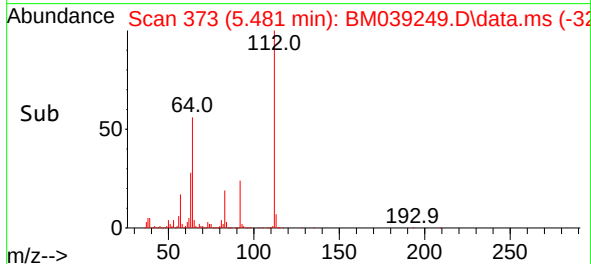
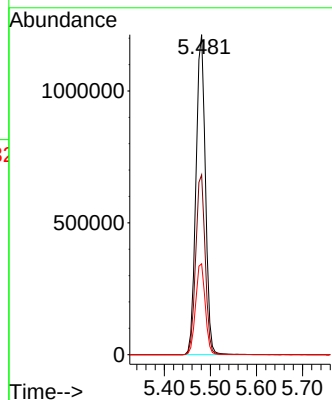
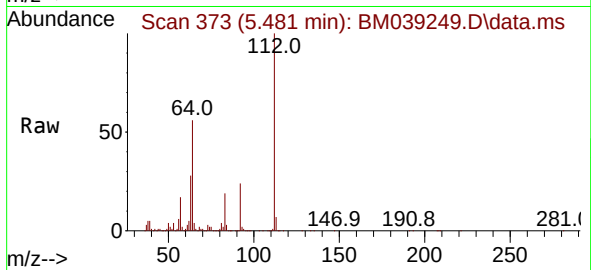
Tgt Ion:112 Resp: 1721717

Ion Ratio Lower Upper

112 100

64 56.2 44.3 66.5

63 28.4 23.0 34.6



#6

Aniline

Concen: 37.052 ng

RT: 7.245 min Scan# 673

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

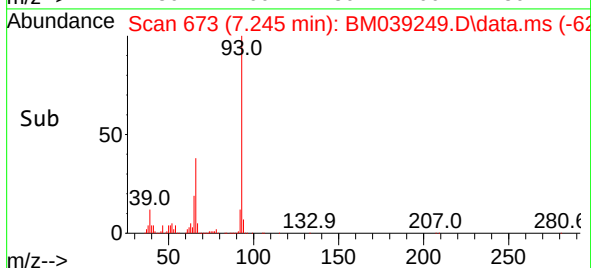
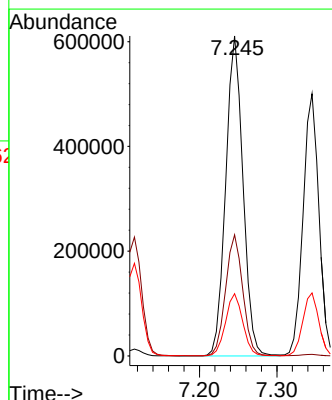
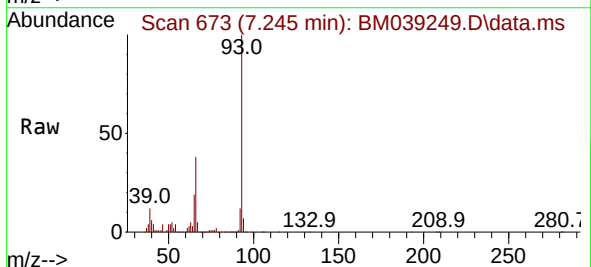
Tgt Ion: 93 Resp: 946956

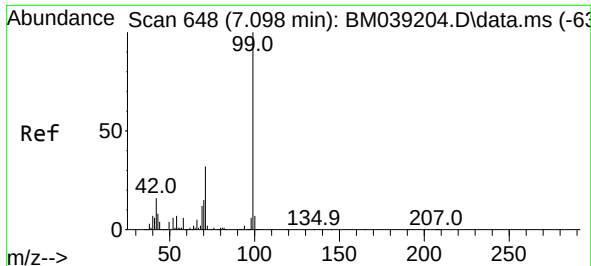
Ion Ratio Lower Upper

93 100

66 37.8 30.1 45.1

65 19.5 15.5 23.3

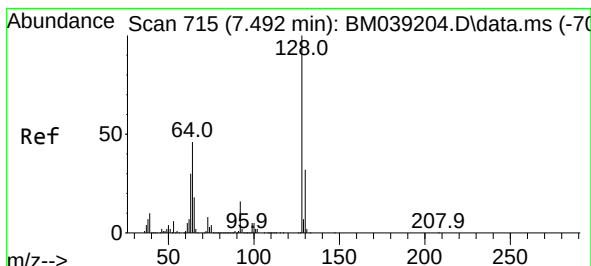
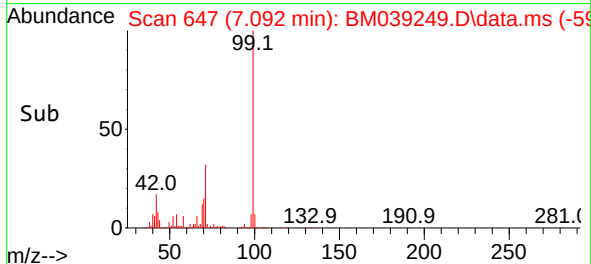
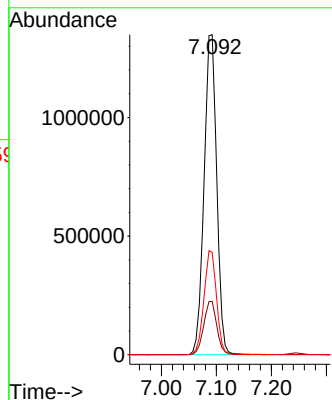
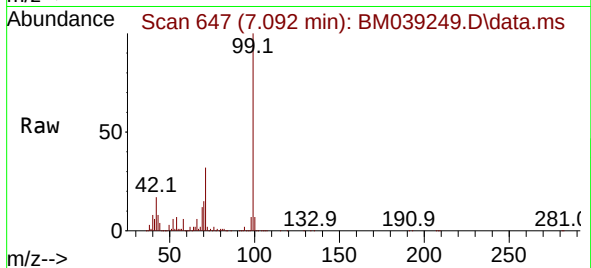




#7
Phenol-d6
Concen: 104.485 ng
RT: 7.092 min Scan# 64
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

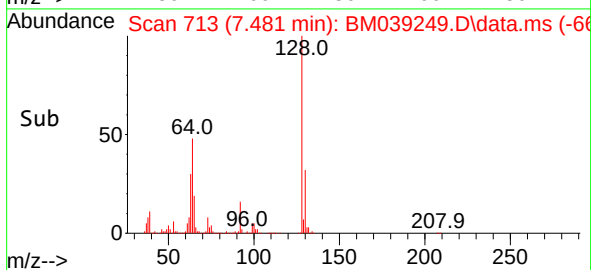
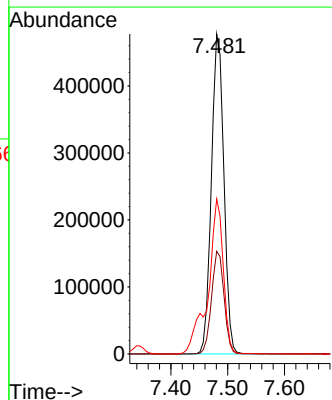
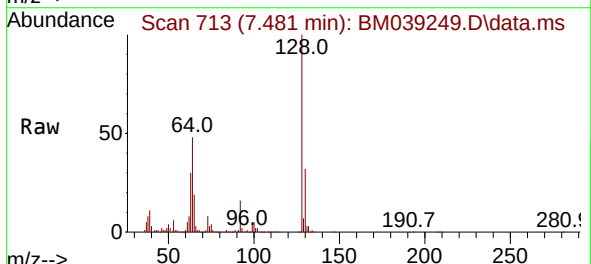
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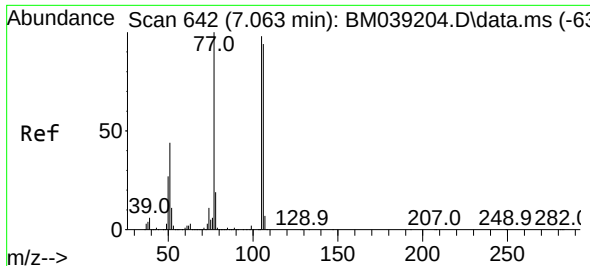
Tgt Ion: 99 Resp: 2157555
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.0 25.5 38.3



#8
2-Chlorophenol
Concen: 44.457 ng
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 128 Resp: 726435
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 48.5 25.9 65.9

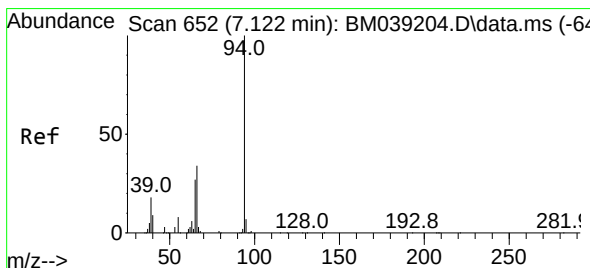
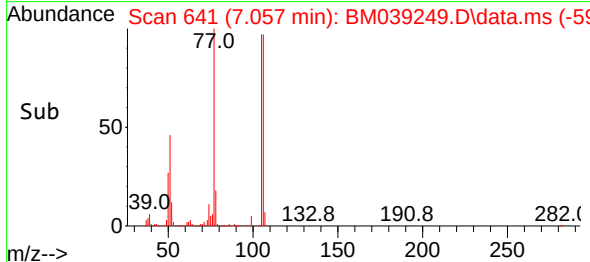
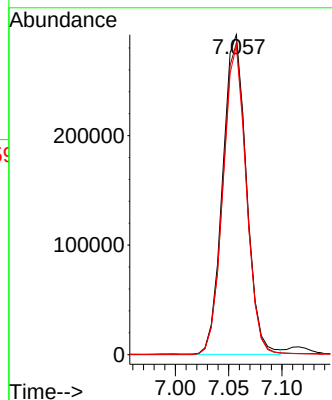
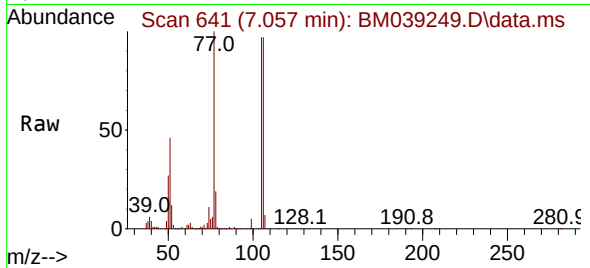




#9
Benzaldehyde
Concen: 38.445 ng
RT: 7.057 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

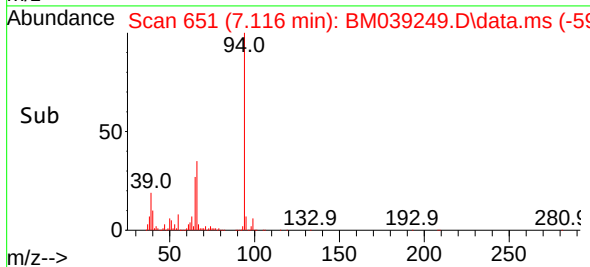
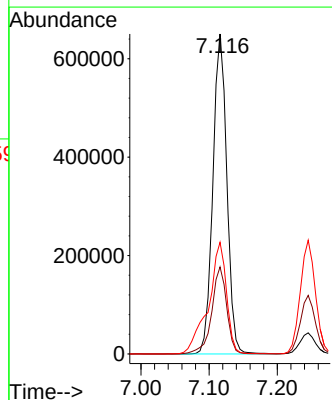
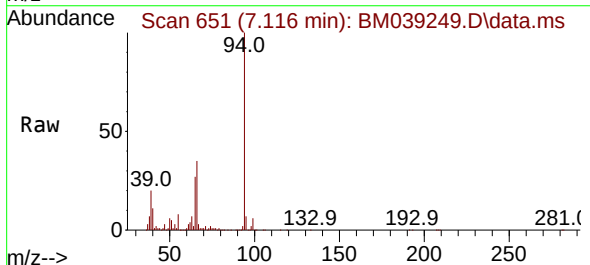
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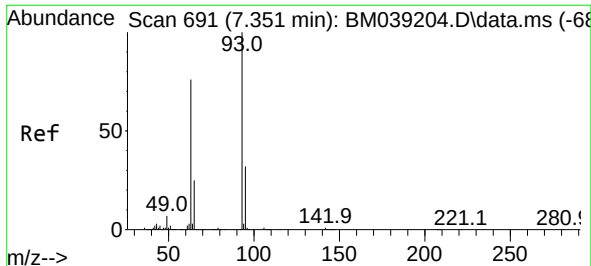
Tgt Ion: 77 Resp: 452099
Ion Ratio Lower Upper
77 100
105 97.3 78.2 118.2
106 96.6 73.8 113.8



#10
Phenol
Concen: 44.827 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 94 Resp: 927635
Ion Ratio Lower Upper
94 100
65 27.2 7.2 47.2
66 34.9 15.2 55.2

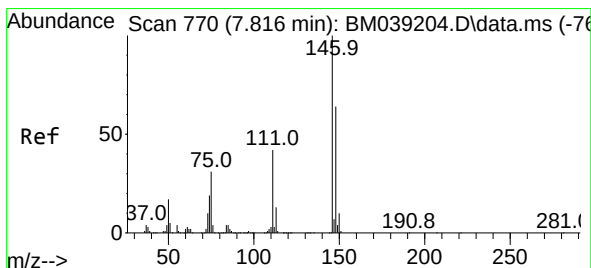
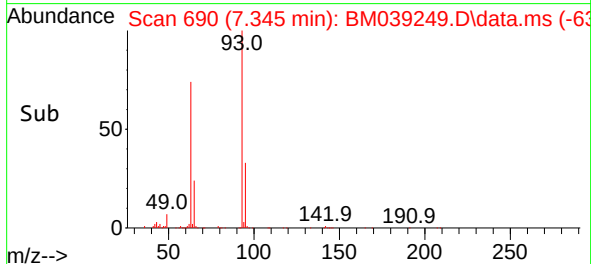
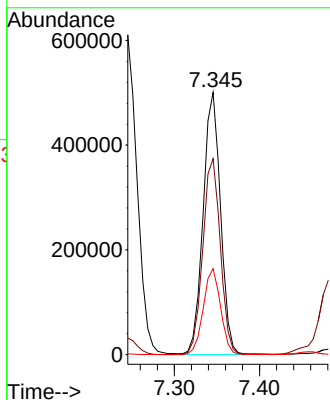
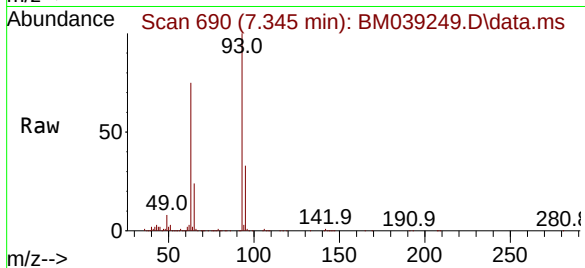




#11
bis(2-Chloroethyl)ether
Concen: 42.756 ng
RT: 7.345 min Scan# 691
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

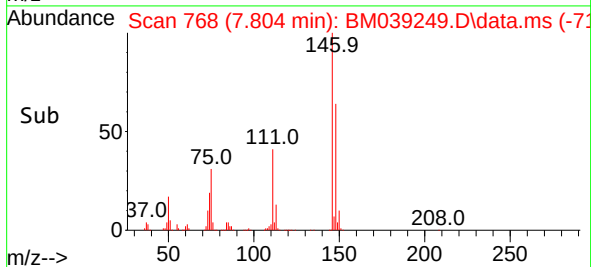
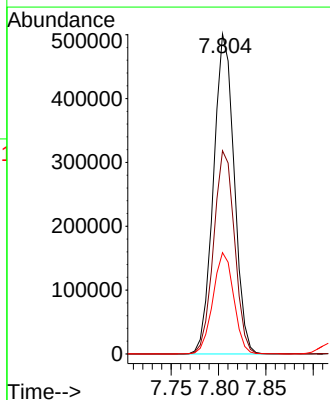
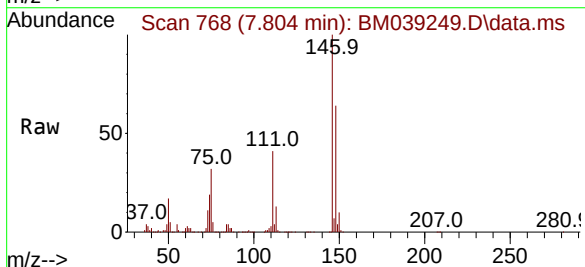
Instrument :
BNA_M
ClientSampleId :
PB151721BS

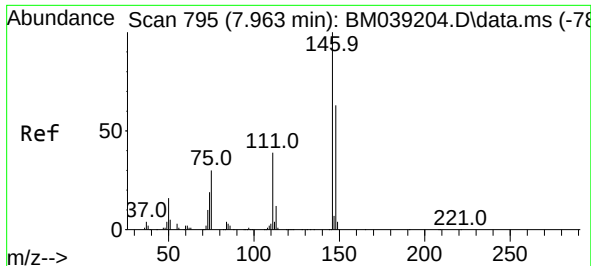
Tgt Ion: 93 Resp: 711788
Ion Ratio Lower Upper
93 100
63 74.7 55.5 95.5
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.958 ng
RT: 7.804 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 146 Resp: 761761
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 31.7 25.2 37.8

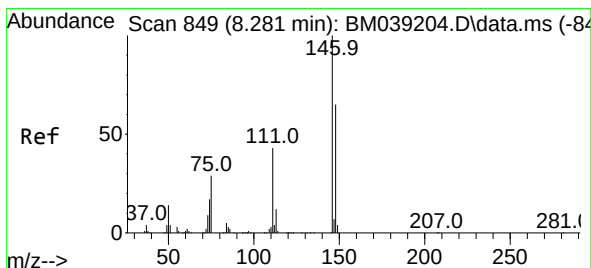
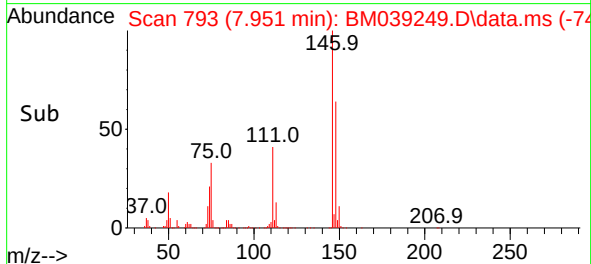
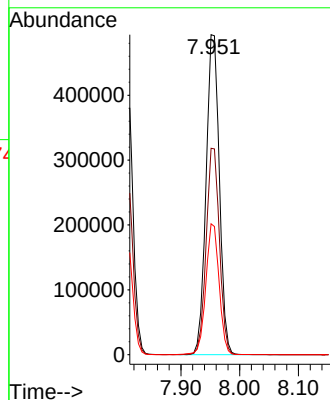
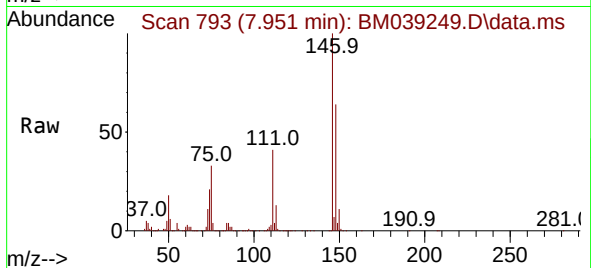




#13
1,4-Dichlorobenzene
Concen: 44.330 ng
RT: 7.951 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

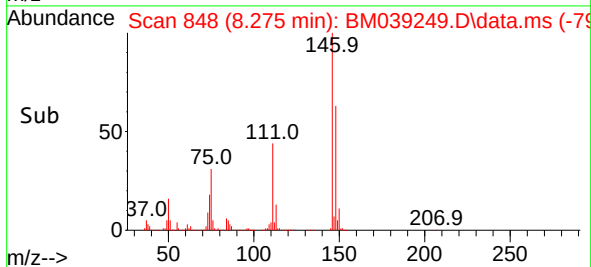
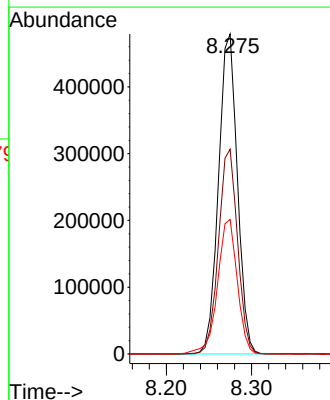
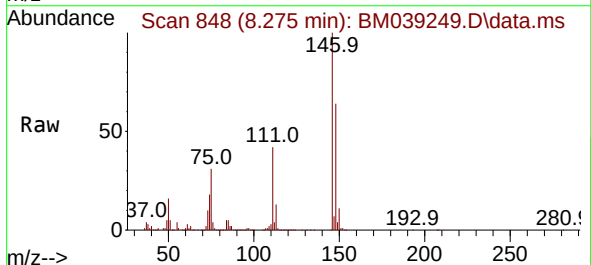
Instrument :
BNA_M
ClientSampleId :
PB151721BS

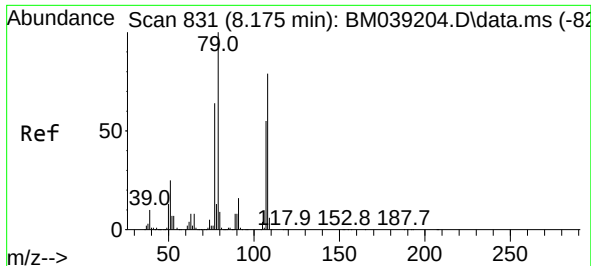
Tgt Ion:146 Resp: 776757
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 40.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 43.968 ng
RT: 8.275 min Scan# 848
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:146 Resp: 736690
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
111 42.1 34.5 51.7

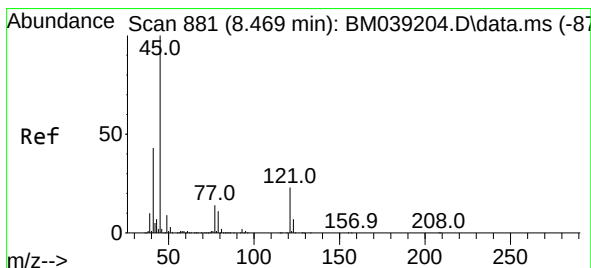
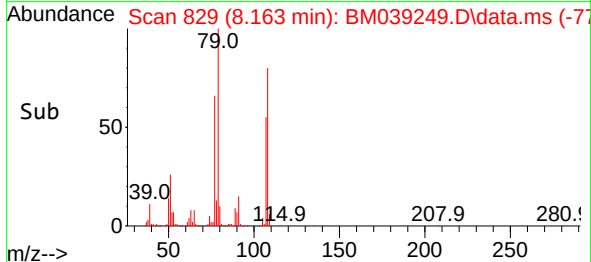
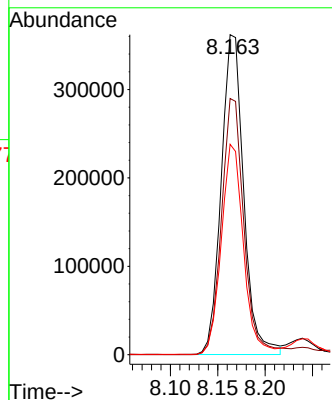
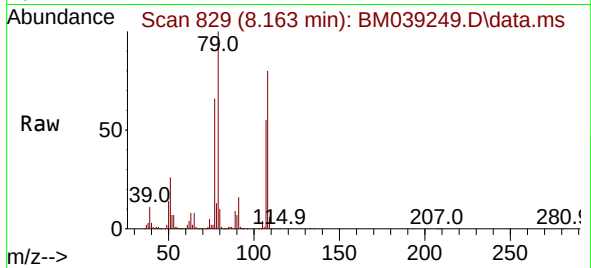




#15
Benzyl Alcohol
Concen: 42.137 ng
RT: 8.163 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

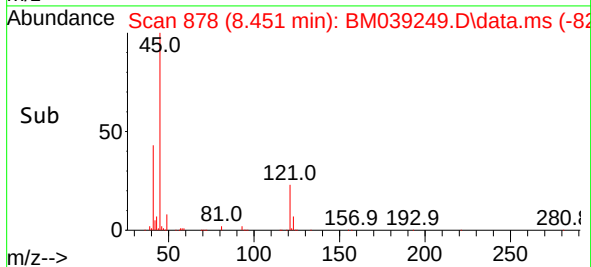
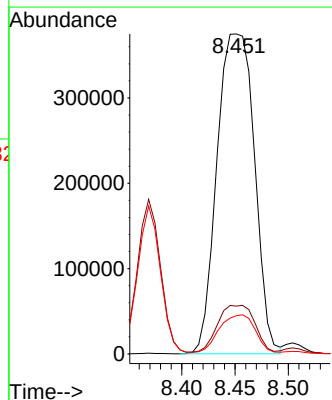
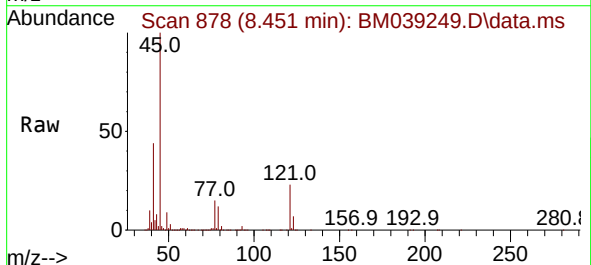
Instrument :
BNA_M
ClientSampleId :
PB151721BS

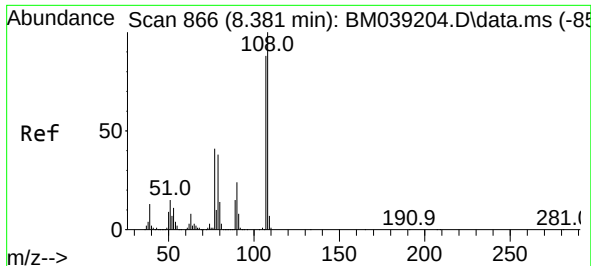
Tgt Ion: 79 Resp: 598455
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 65.7 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.058 ng
RT: 8.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 45 Resp: 916855
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.1
79 12.0 0.0 32.2

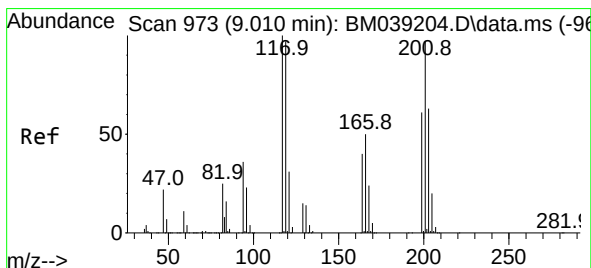
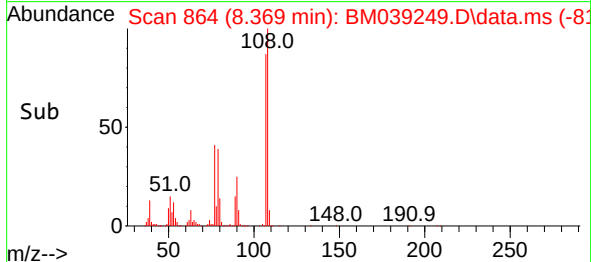
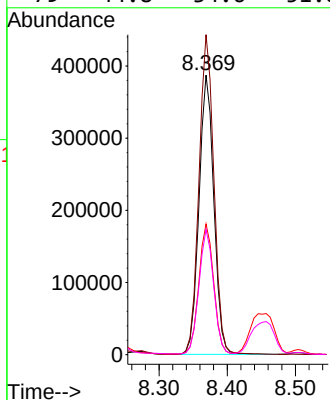
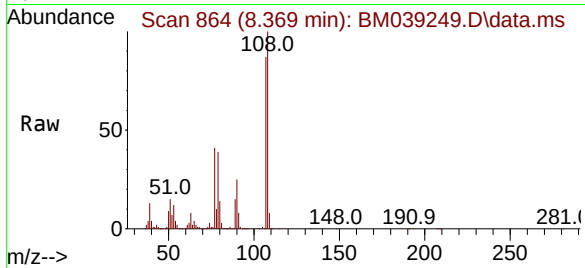




#17
2-Methylphenol
Concen: 40.503 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

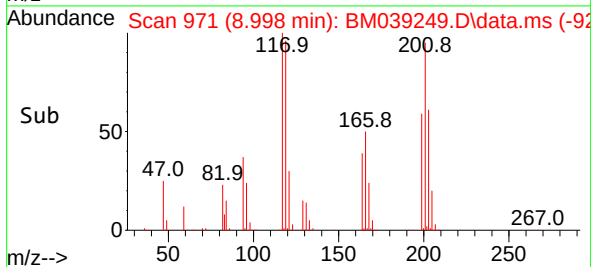
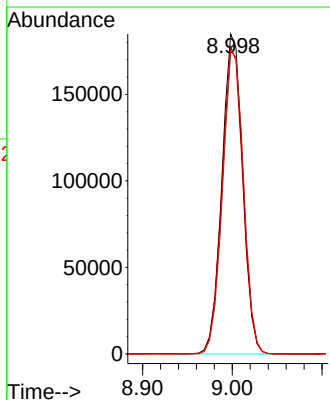
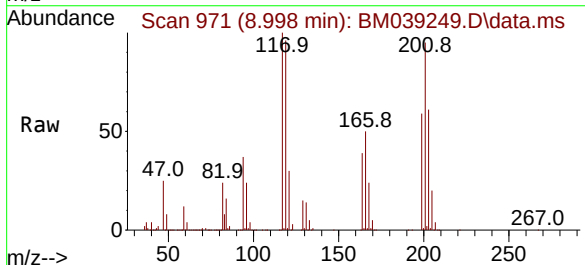
Instrument :
BNA_M
ClientSampleId :
PB151721BS

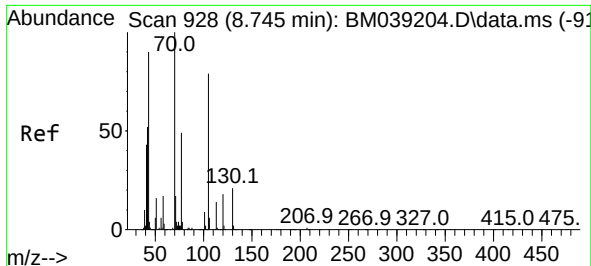
Tgt Ion:107 Resp: 586407
Ion Ratio Lower Upper
107 100
108 114.5 90.6 136.0
77 46.8 37.0 55.4
79 44.8 34.6 51.8



#18
Hexachloroethane
Concen: 43.927 ng
RT: 8.998 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:117 Resp: 297736
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 94.6 77.3 115.9



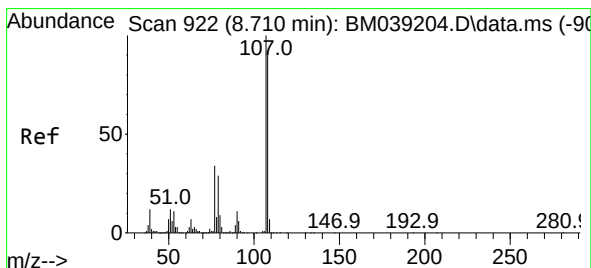
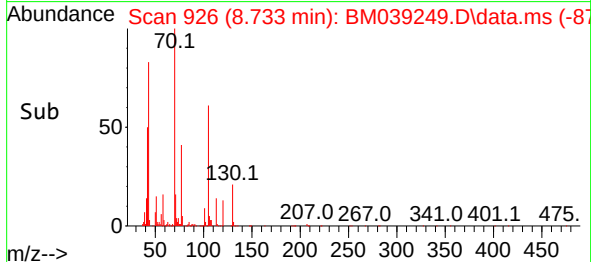
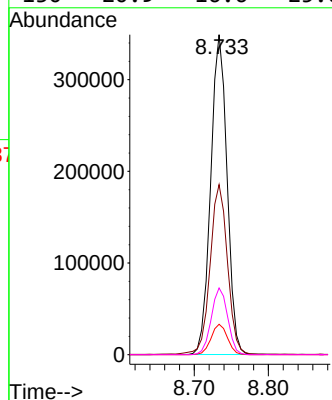
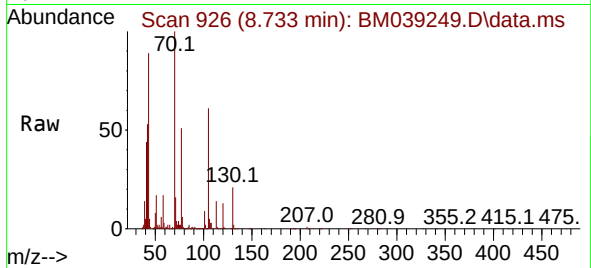


#19
n-Nitroso-di-n-propylamine
Concen: 40.476 ng
RT: 8.733 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Instrument :
BNA_M
ClientSampleId :
PB151721BS

Tgt Ion: 70 Resp: 534287

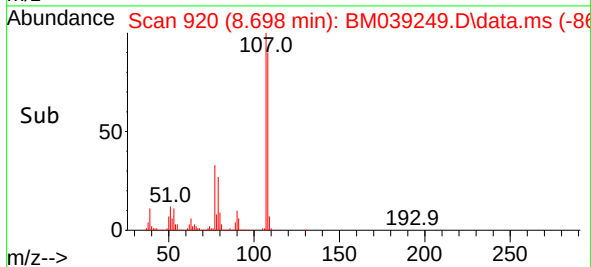
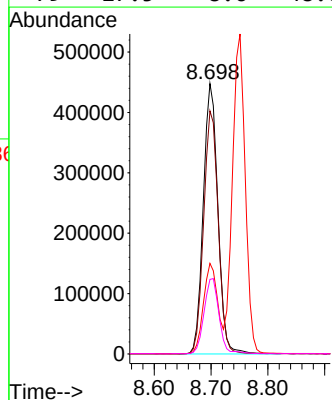
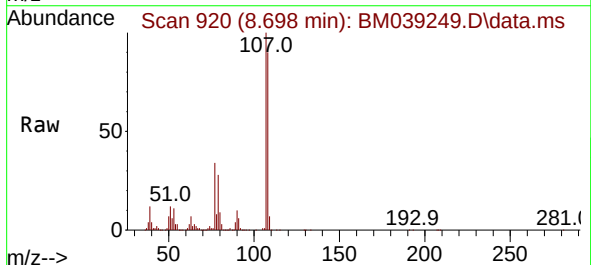
Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.2	63.2
101	9.5	7.6	11.4
130	20.9	16.6	25.0

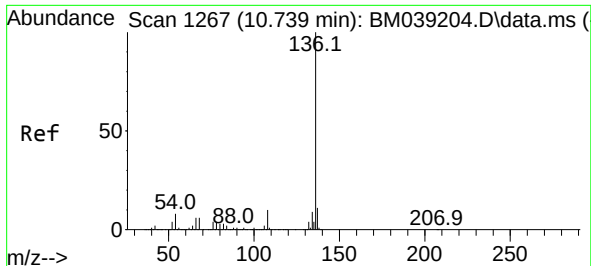


#20
3+4-Methylphenols
Concen: 40.960 ng
RT: 8.698 min Scan# 920
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 107 Resp: 796873

Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.1	112.1
77	33.5	13.7	53.7
79	27.5	8.6	48.6

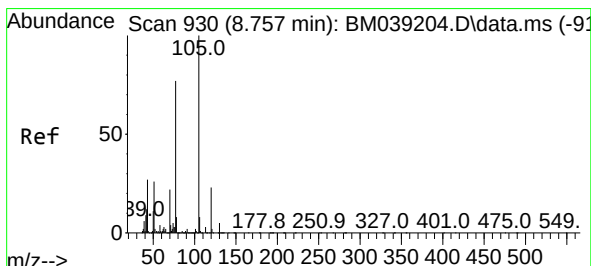
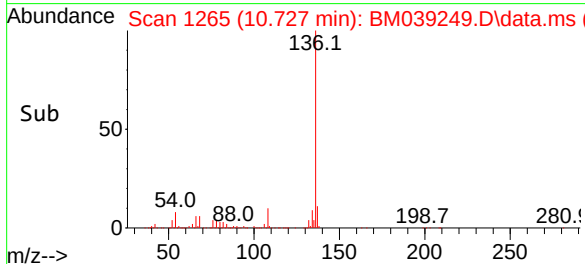
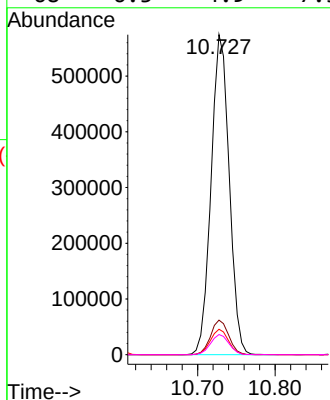
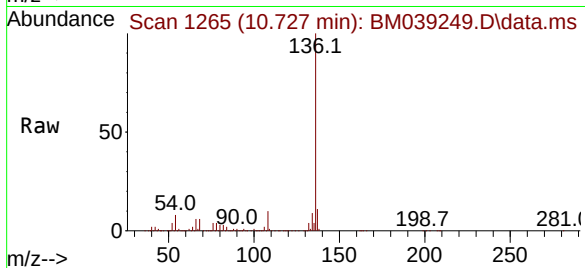




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

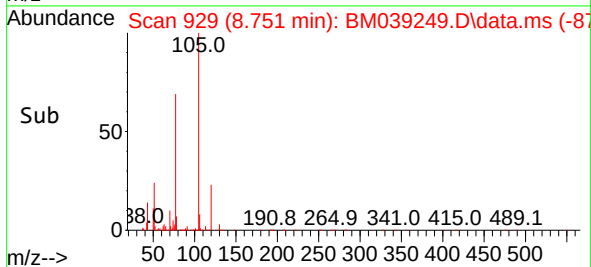
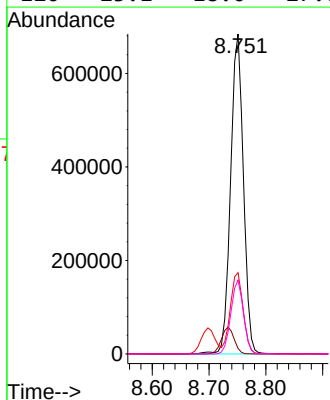
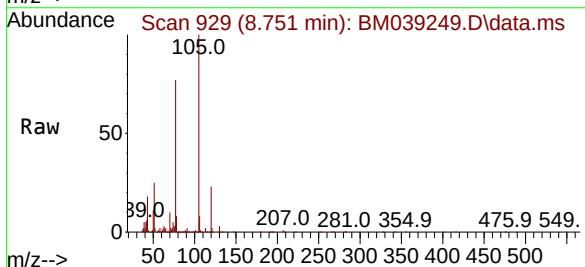
Instrument :
BNA_M
ClientSampleId :
PB151721BS

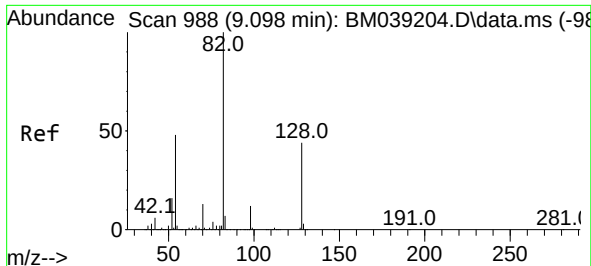
Tgt Ion:	136	Resp:	932055
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.2	9.4
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 42.982 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:	105	Resp:	1071146
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.8	4.2#
51	25.4	20.6	31.0
120	23.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 67.432 ng

RT: 9.086 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

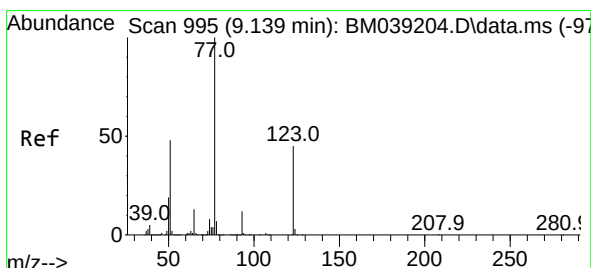
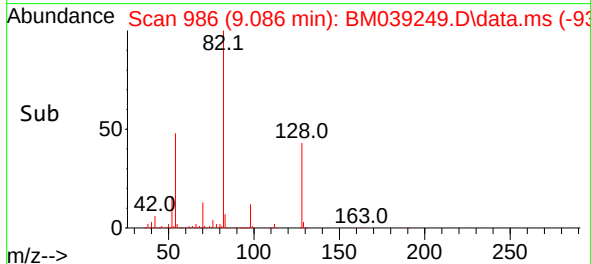
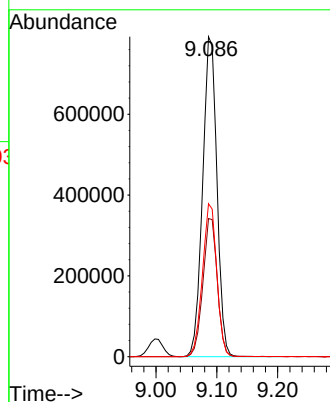
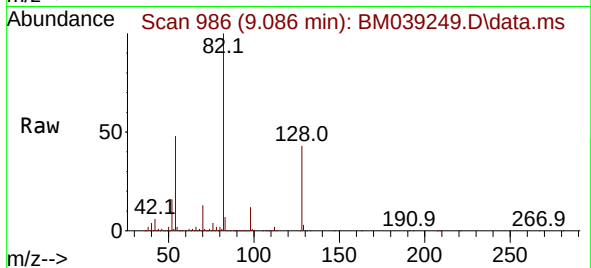
BNA_M

ClientSampleId :

PB151721BS

Tgt Ion: 82 Resp: 1293158

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.1	52.7
54	47.8	38.5	57.7



#24

Nitrobenzene

Concen: 41.687 ng

RT: 9.133 min Scan# 994

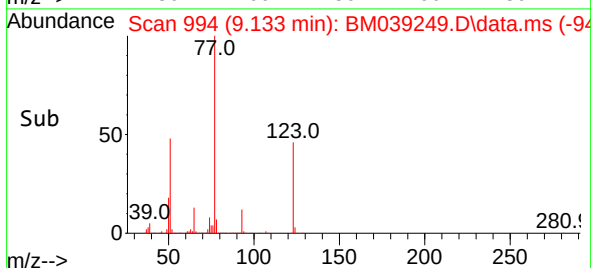
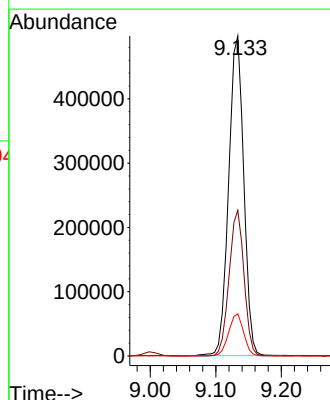
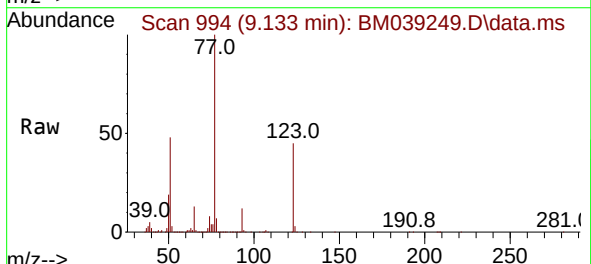
Delta R.T. 0.005 min

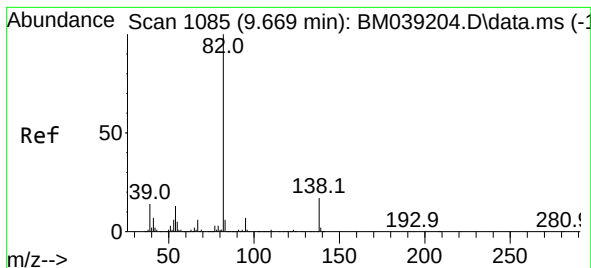
Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Tgt Ion: 77 Resp: 795158

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.2	54.2
65	13.2	10.6	15.8





#25

Isophorone

Concen: 40.038 ng

RT: 9.657 min Scan# 1083

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

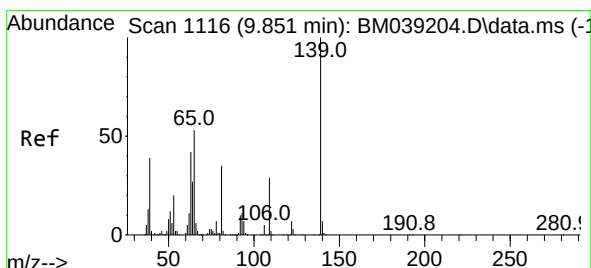
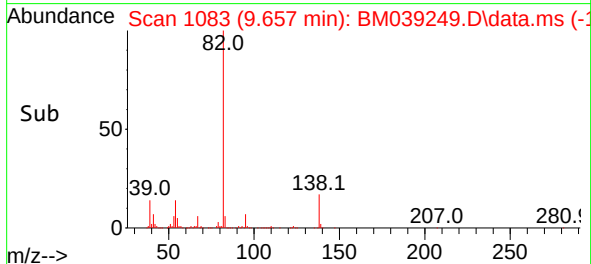
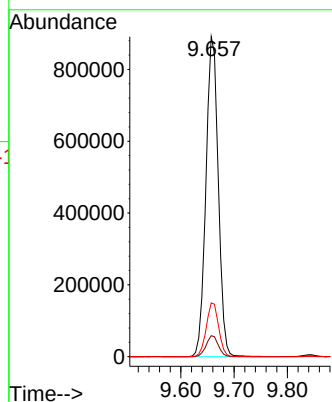
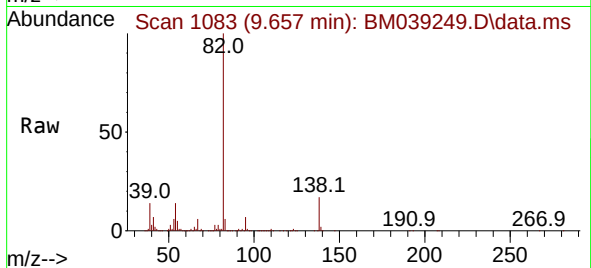
Tgt Ion: 82 Resp: 1432413

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 43.143 ng

RT: 9.845 min Scan# 1115

Delta R.T. 0.005 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

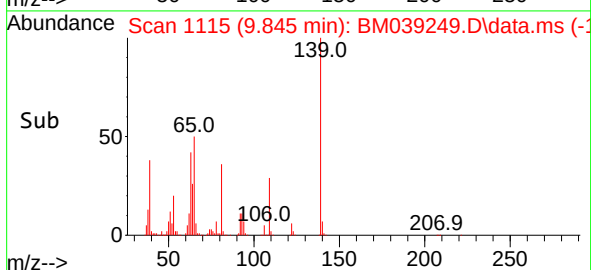
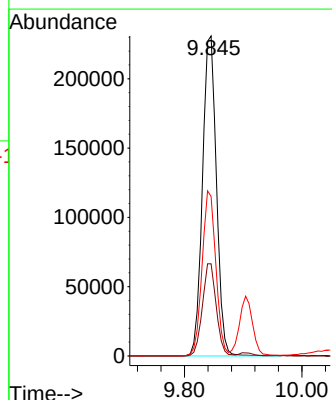
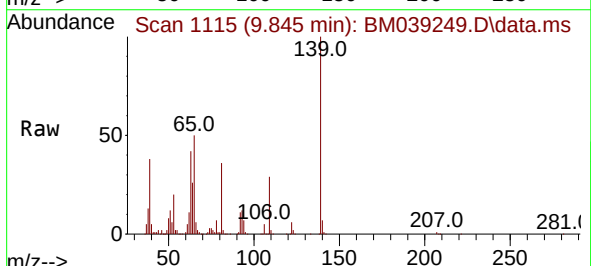
Tgt Ion:139 Resp: 380414

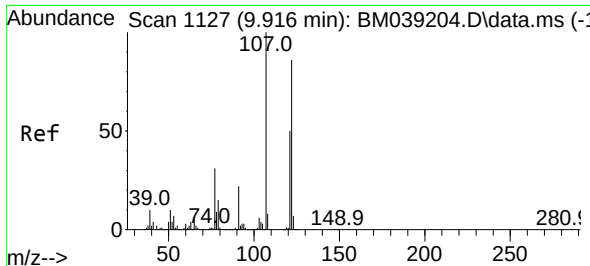
Ion Ratio Lower Upper

139 100

109 28.8 23.4 35.0

65 49.8 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 44.277 ng

RT: 9.904 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

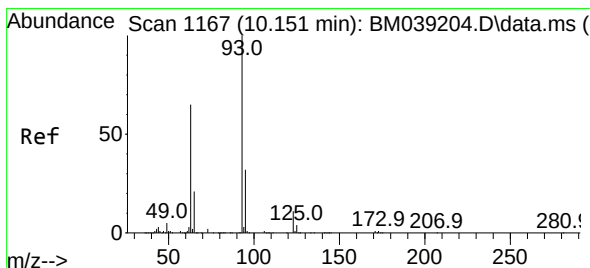
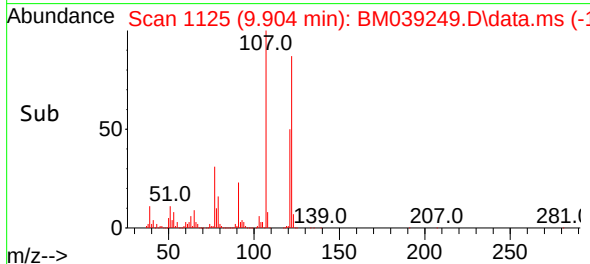
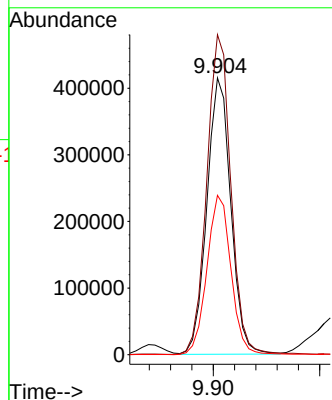
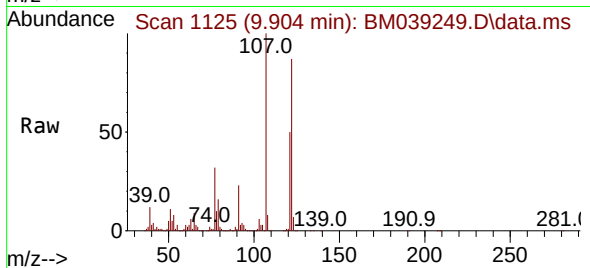
Tgt Ion:122 Resp: 648677

Ion Ratio Lower Upper

122 100

107 115.6 92.3 138.5

121 57.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.023 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

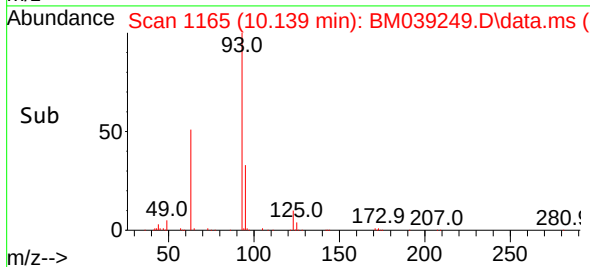
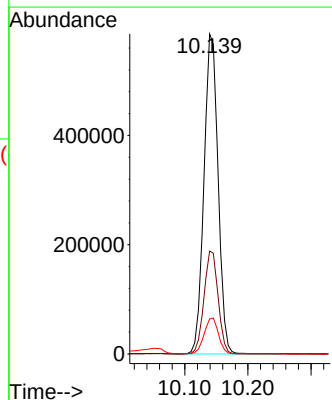
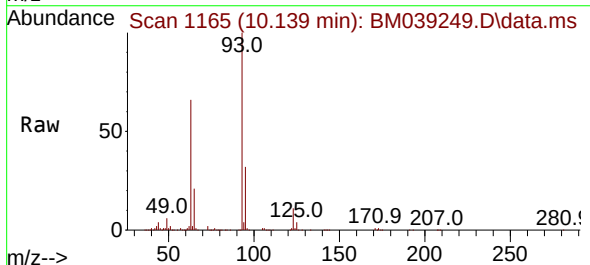
Tgt Ion: 93 Resp: 910087

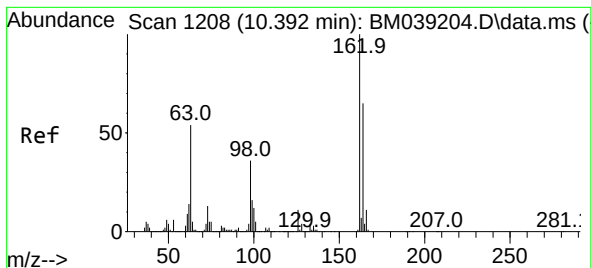
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.554 ng

RT: 10.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

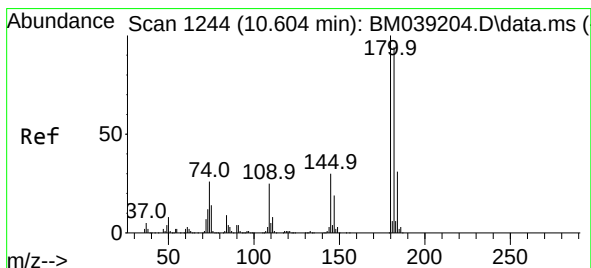
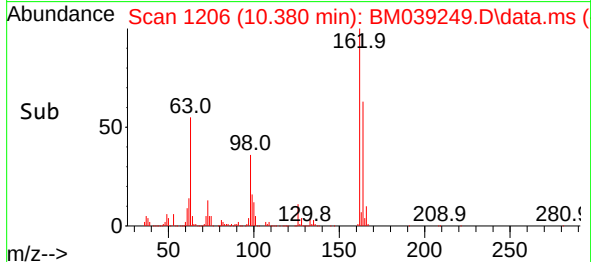
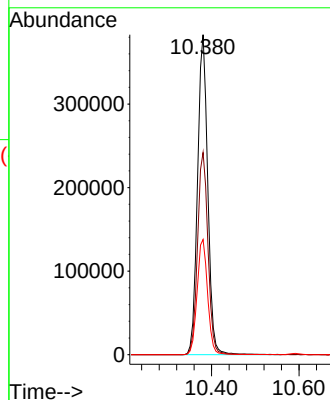
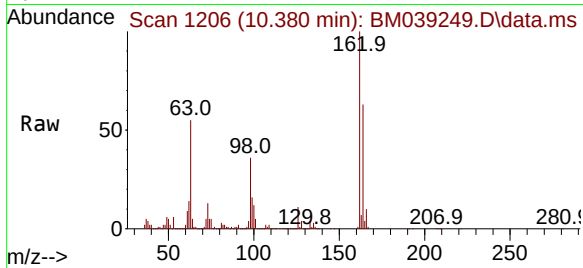
Tgt Ion:162 Resp: 622568

Ion Ratio Lower Upper

162 100

164 63.2 44.8 84.8

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 43.368 ng

RT: 10.592 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

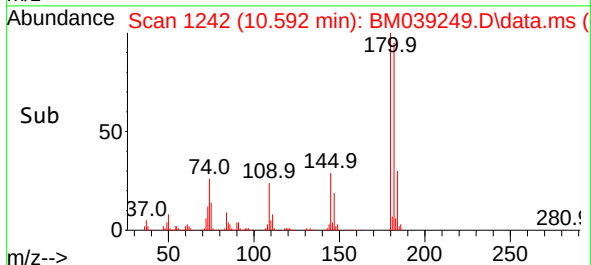
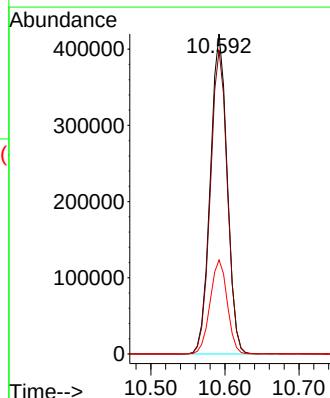
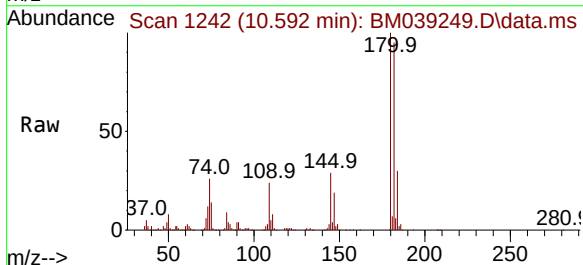
Tgt Ion:180 Resp: 663191

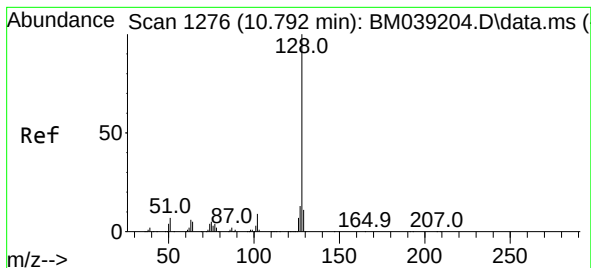
Ion Ratio Lower Upper

180 100

182 94.8 75.2 112.8

145 29.4 23.9 35.9





#31

Naphthalene

Concen: 41.933 ng

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

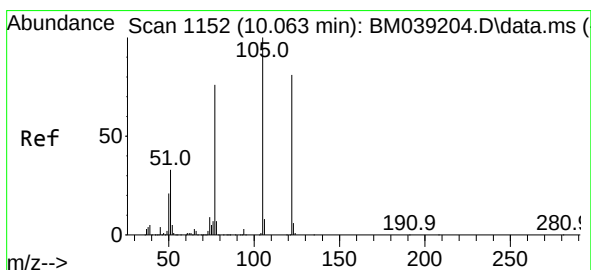
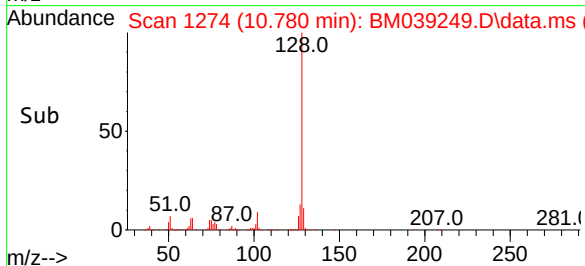
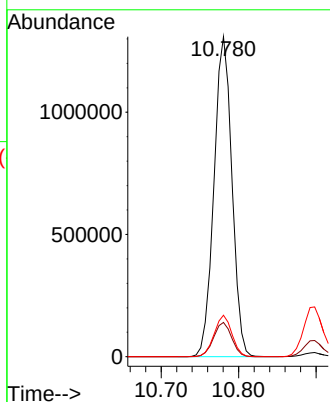
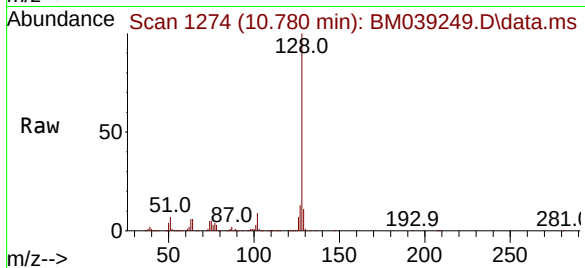
Tgt Ion:128 Resp: 2105973

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 39.212 ng

RT: 10.057 min Scan# 1151

Delta R.T. 0.005 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

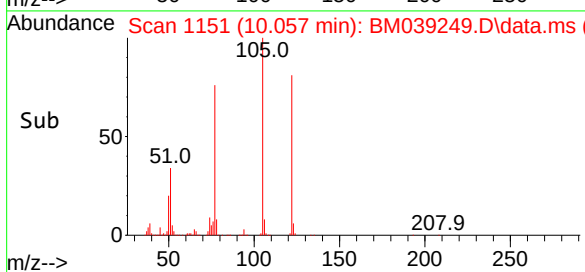
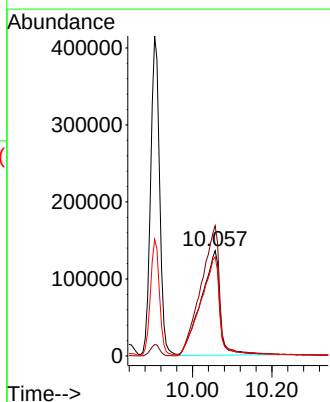
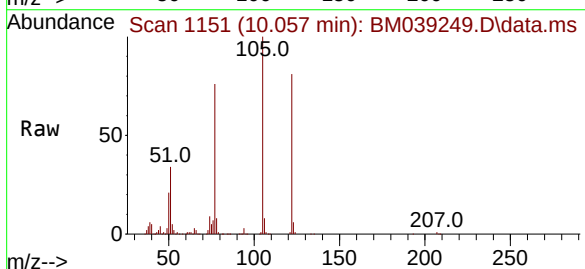
Tgt Ion:122 Resp: 447744

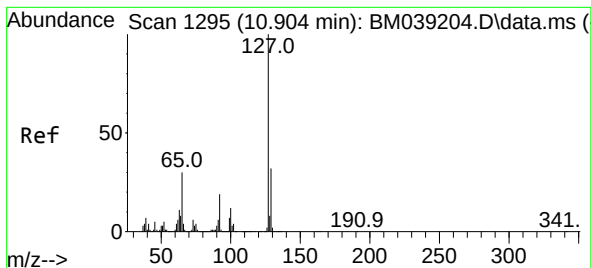
Ion Ratio Lower Upper

122 100

105 123.6 103.1 143.1

77 94.0 74.6 114.6





#33

4-Chloroaniline

Concen: 16.893 ng

RT: 10.898 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

Tgt Ion:127 Resp: 371690

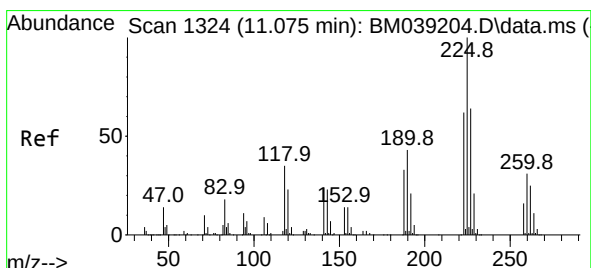
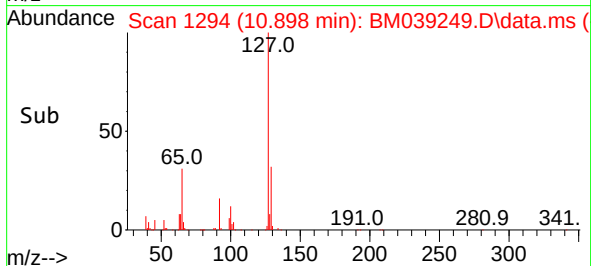
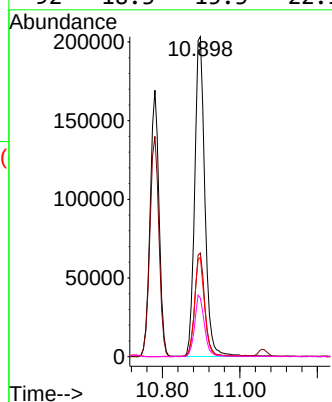
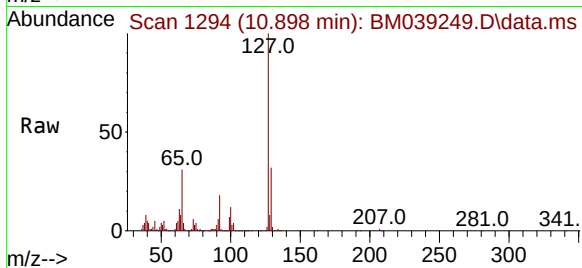
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 31.0 24.1 36.1

92 18.3 15.3 22.9



#34

Hexachlorobutadiene

Concen: 42.568 ng

RT: 11.063 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

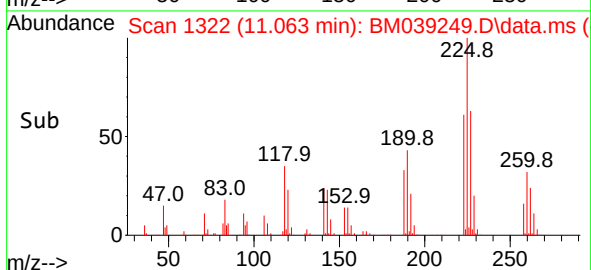
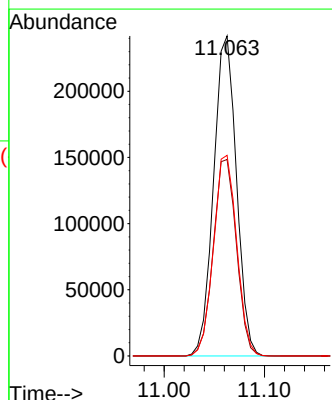
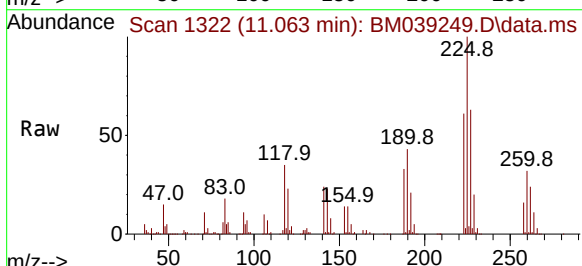
Tgt Ion:225 Resp: 382776

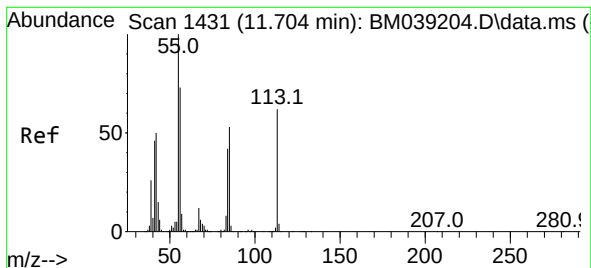
Ion Ratio Lower Upper

225 100

223 61.4 49.8 74.6

227 62.7 51.6 77.4

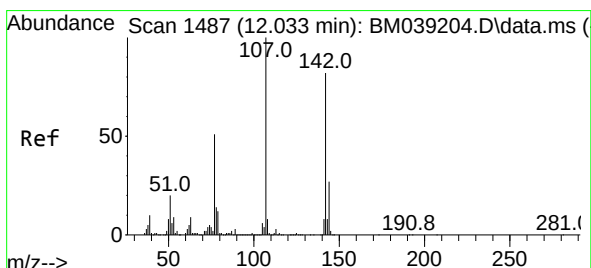
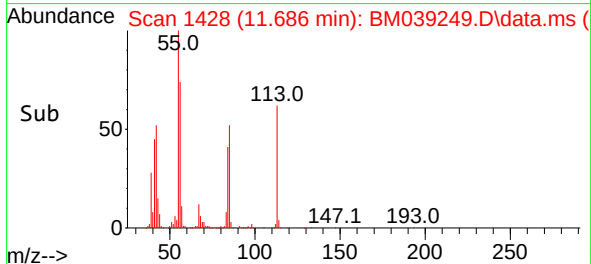
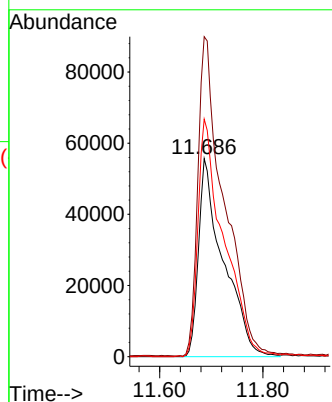
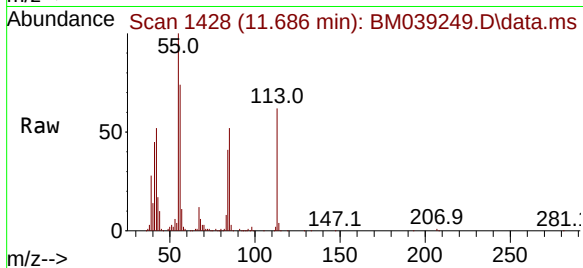




#35
 Caprolactam
 Concen: 37.378 ng
 RT: 11.686 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

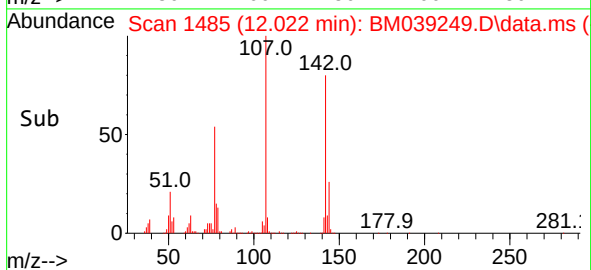
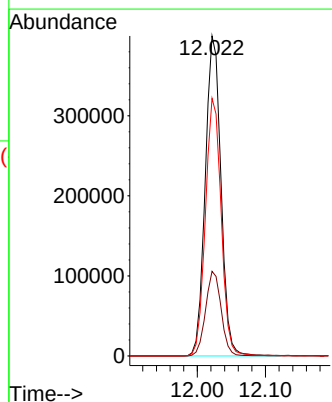
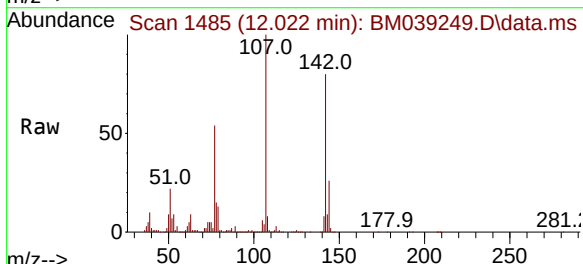
Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

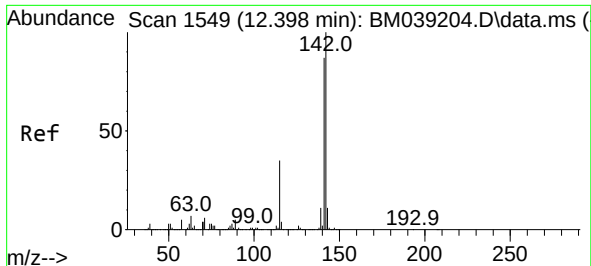
Tgt Ion:113 Resp: 185514
 Ion Ratio Lower Upper
 113 100
 55 161.5 141.8 181.8
 56 119.9 98.3 138.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.694 ng
 RT: 12.022 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Tgt Ion:107 Resp: 641787
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.2
 142 80.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 39.621 ng

RT: 12.392 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

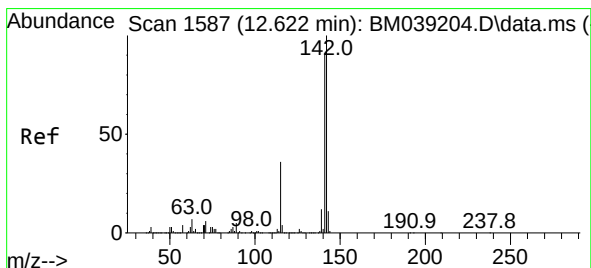
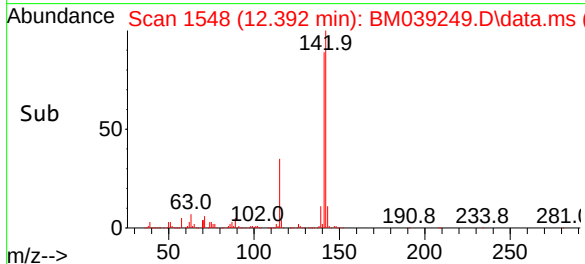
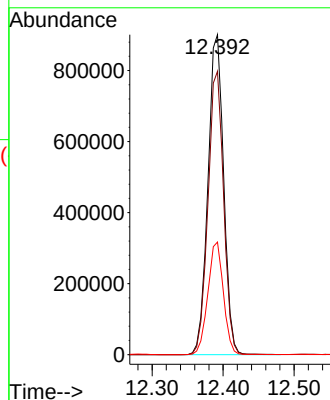
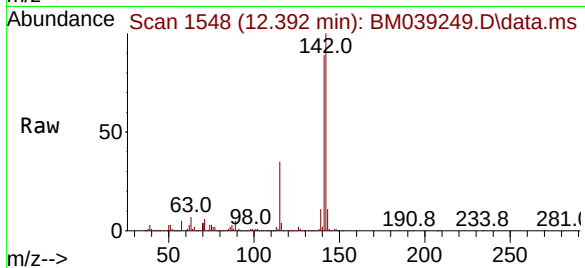
Tgt Ion:142 Resp: 1385225

Ion Ratio Lower Upper

142 100

141 88.5 69.8 104.8

115 35.2 27.8 41.8



#38

1-Methylnaphthalene

Concen: 39.286 ng

RT: 12.610 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

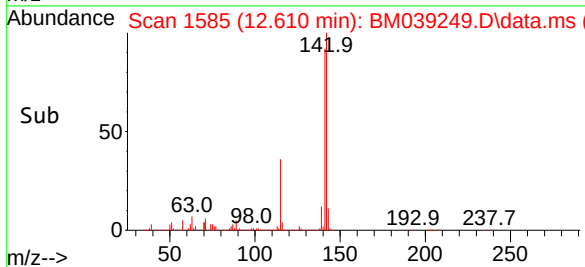
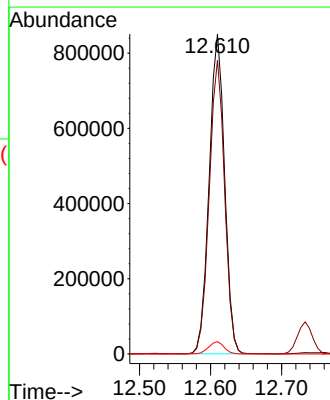
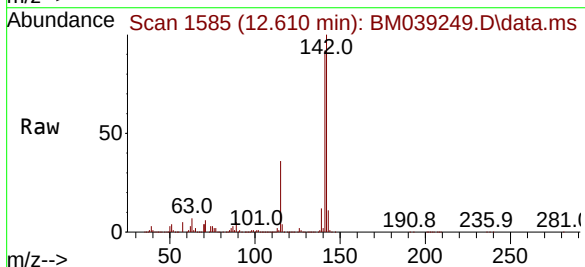
Tgt Ion:142 Resp: 1286095

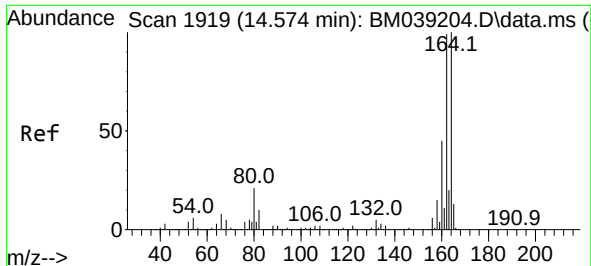
Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8

116 3.8 3.0 4.4

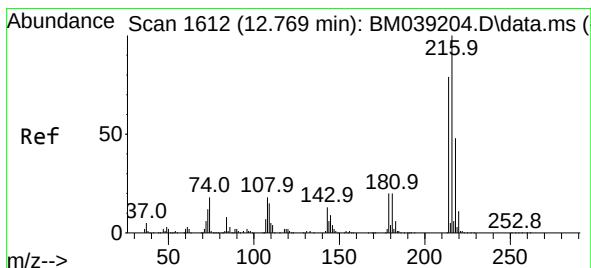
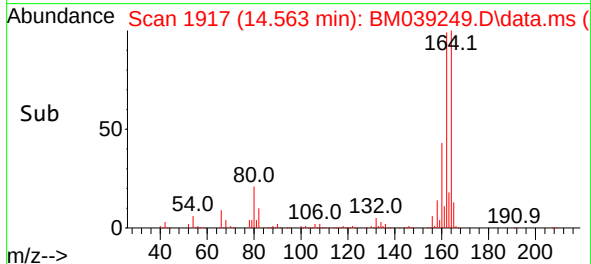
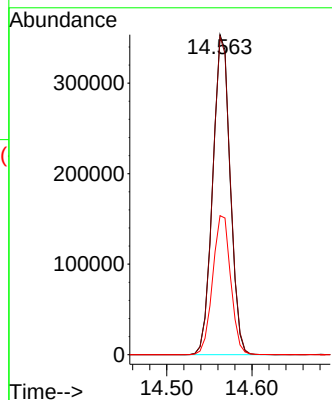
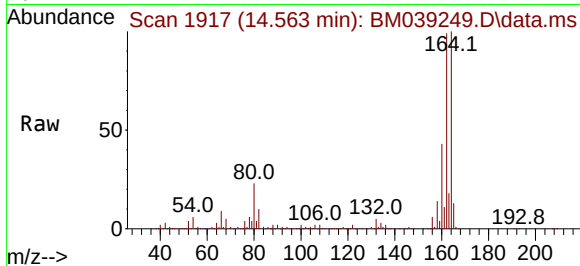




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

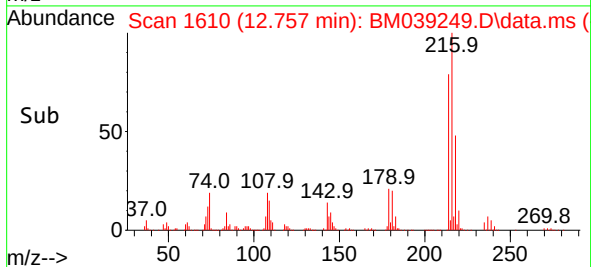
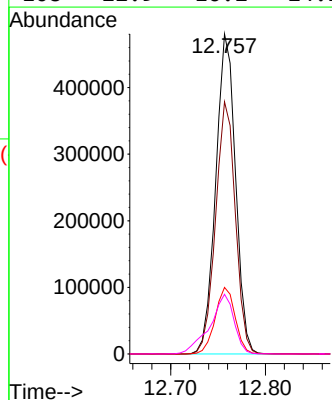
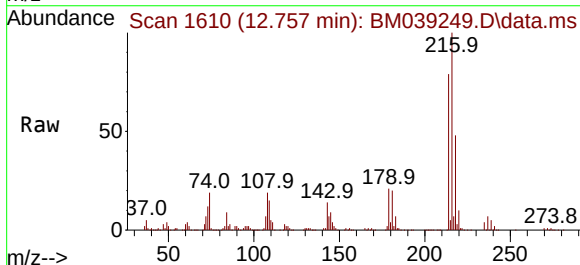
Instrument :
BNA_M
ClientSampleId :
PB151721BS

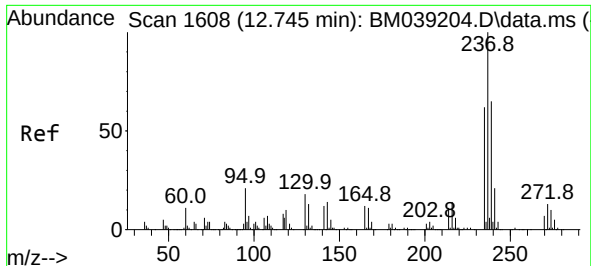
Tgt Ion:164 Resp: 502830
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 43.4 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.569 ng
RT: 12.757 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:216 Resp: 697636
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.1 16.8 25.2
108 22.9 16.2 24.2

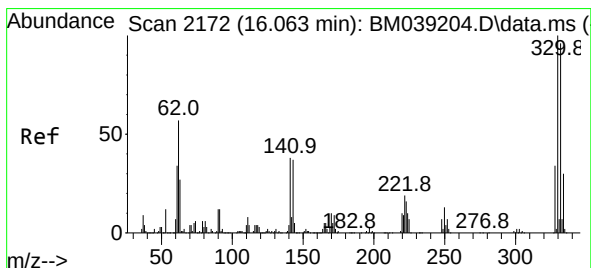
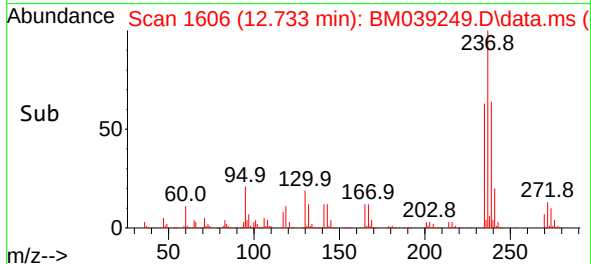
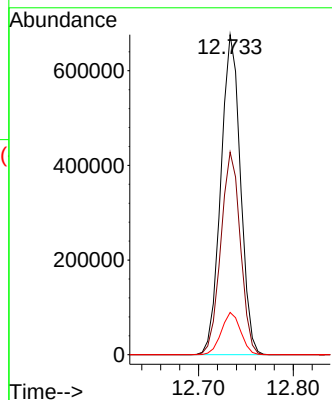
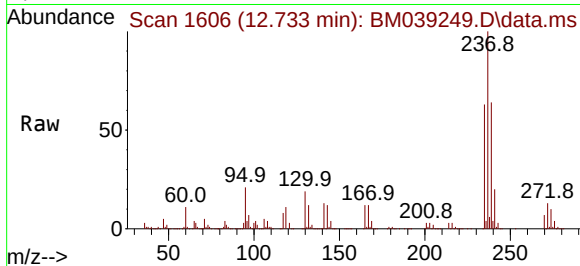




#41
Hexachlorocyclopentadiene
Concen: 116.376 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

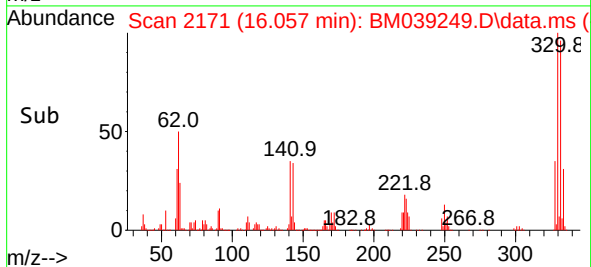
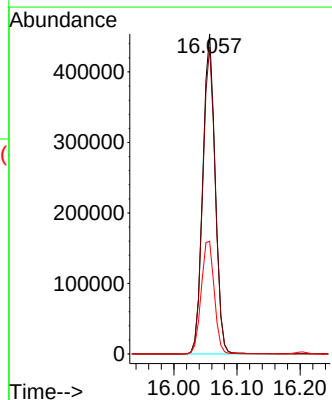
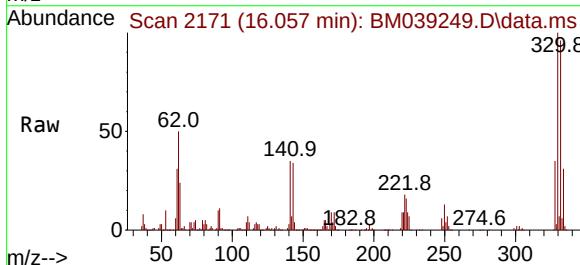
Instrument :
BNA_M
ClientSampleId :
PB151721BS

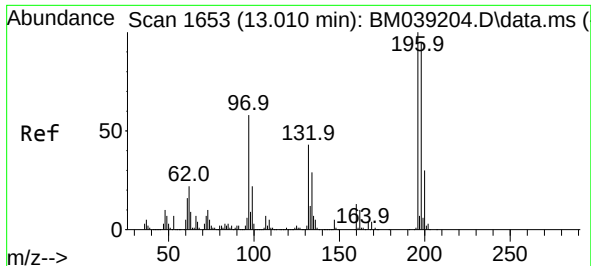
Tgt Ion:237 Resp: 973334
Ion Ratio Lower Upper
237 100
235 63.3 41.6 81.6
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 96.791 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:330 Resp: 617810
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.3 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 44.404 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

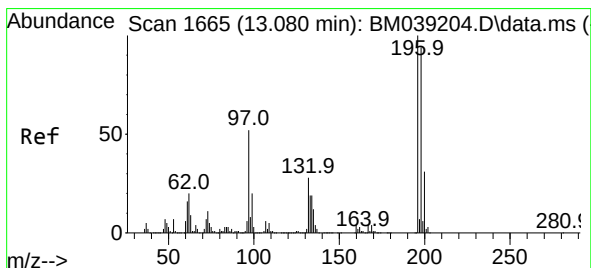
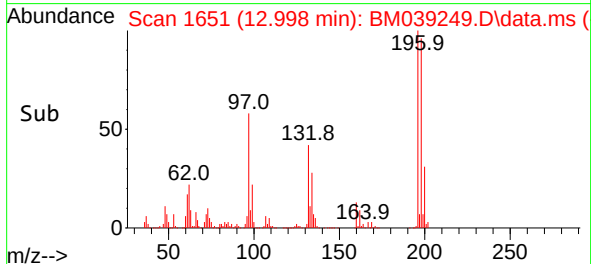
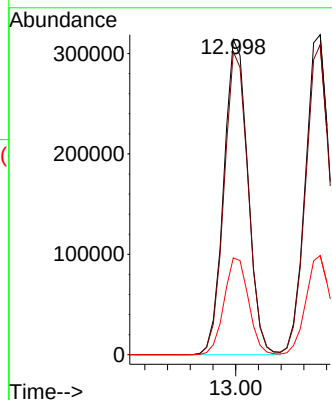
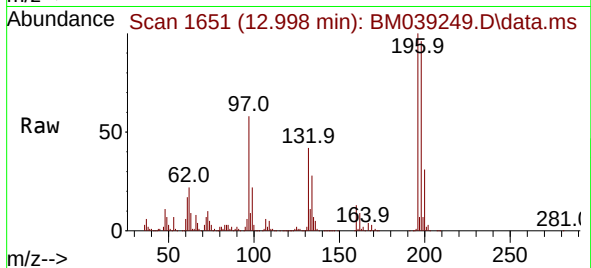
Tgt Ion:196 Resp: 463612

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 30.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 40.237 ng

RT: 13.074 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Tgt Ion:196 Resp: 492490

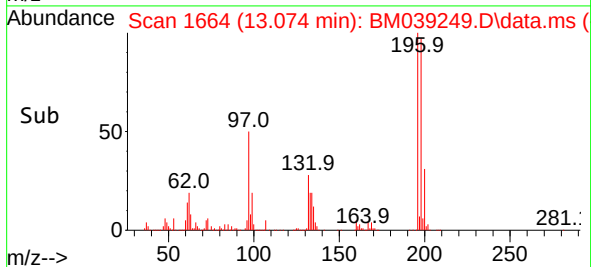
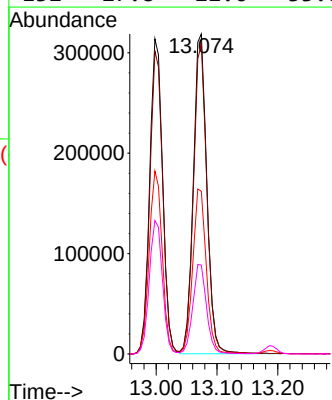
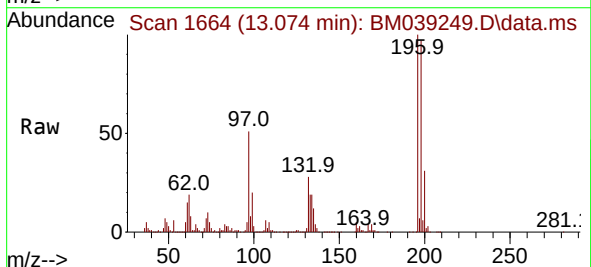
Ion Ratio Lower Upper

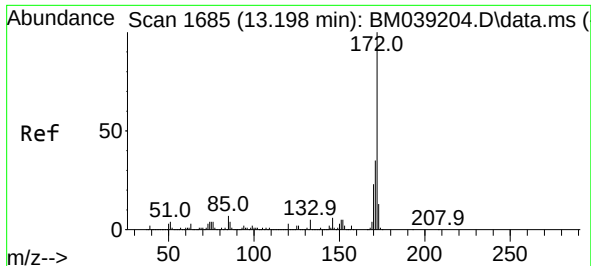
196 100

198 96.8 75.2 112.8

97 50.8 41.4 62.0

132 27.8 22.6 33.8

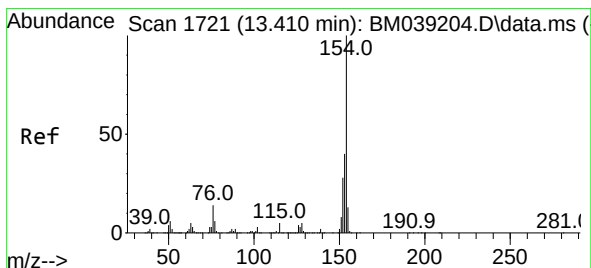
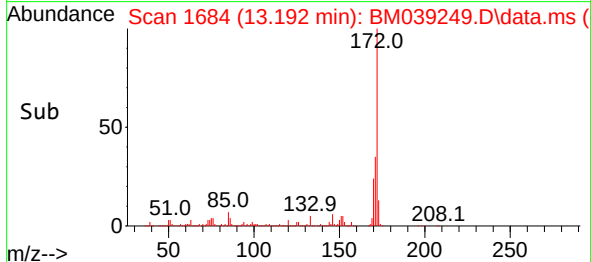
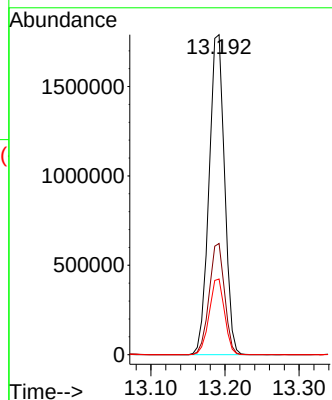
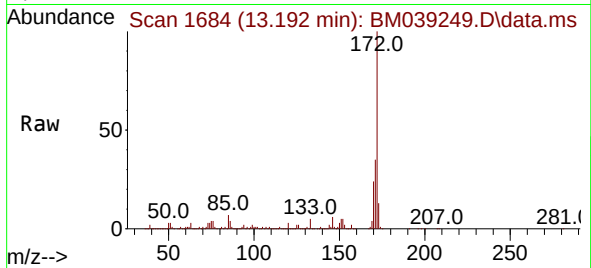




#45
2-Fluorobiphenyl
Concen: 70.178 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

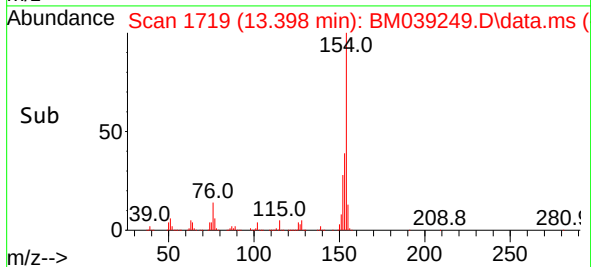
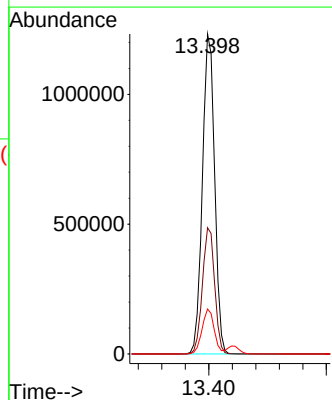
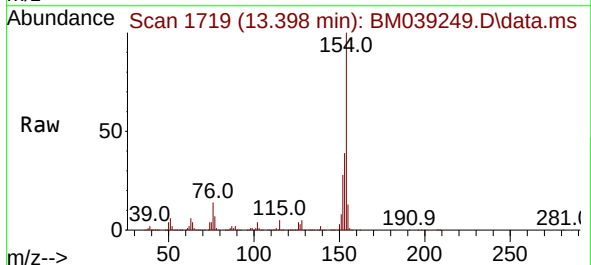
Instrument :
BNA_M
ClientSampleId :
PB151721BS

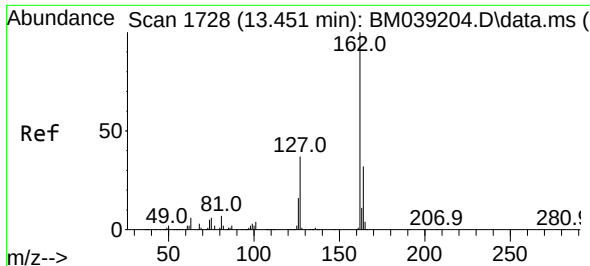
Tgt Ion:172 Resp: 2604418
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.668 ng
RT: 13.398 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:154 Resp: 1773659
Ion Ratio Lower Upper
154 100
153 39.4 19.9 59.9
76 14.1 0.0 33.5

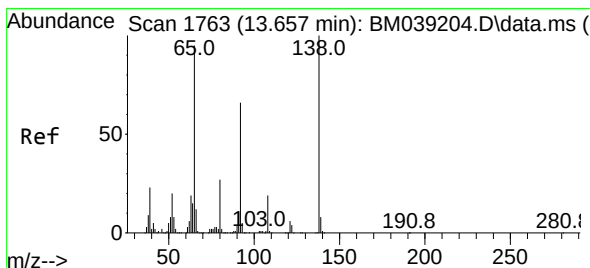
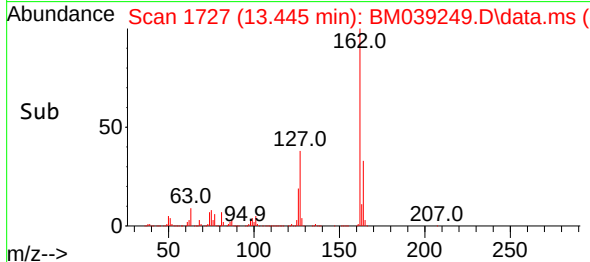
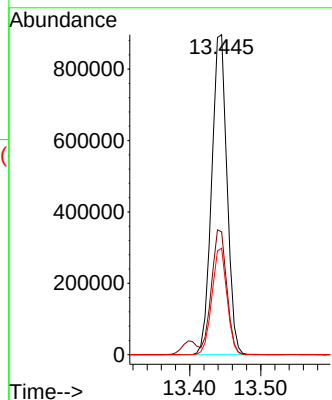
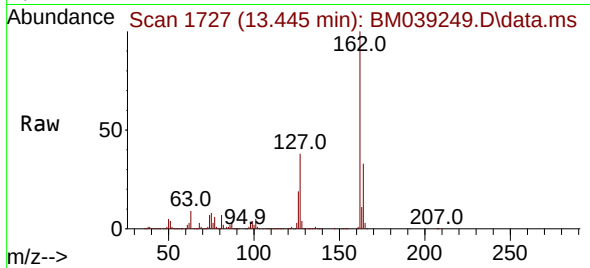




#47
2-Chloronaphthalene
Concen: 44.633 ng
RT: 13.445 min Scan# 1
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

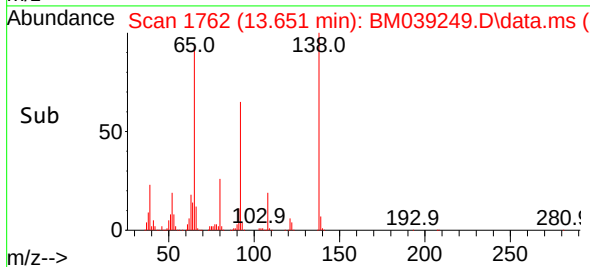
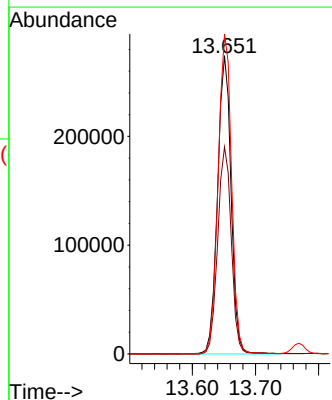
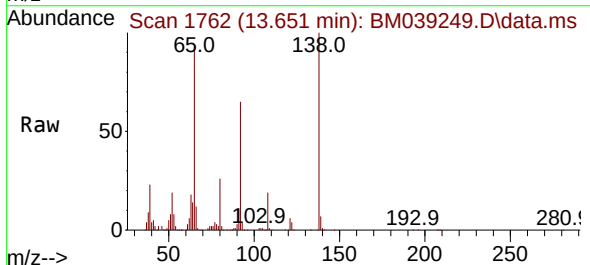
Instrument :
BNA_M
ClientSampleId :
PB151721BS

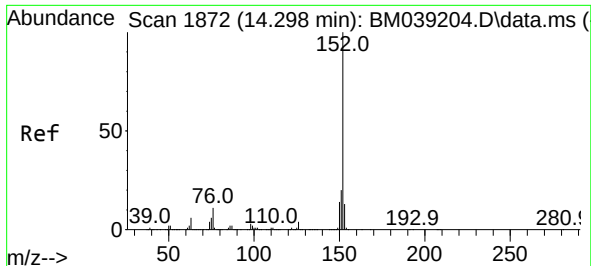
Tgt Ion:162 Resp: 1341911
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.0
164 33.3 25.7 38.5



#48
2-Nitroaniline
Concen: 40.257 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 65 Resp: 407302
Ion Ratio Lower Upper
65 100
92 69.4 55.7 83.5
138 107.3 84.5 126.7

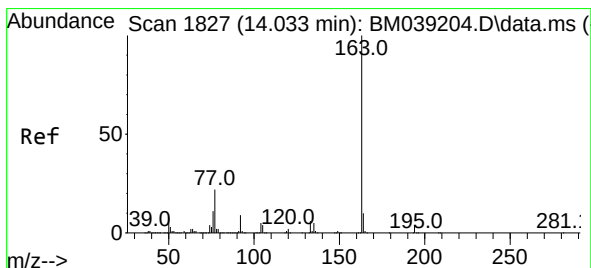
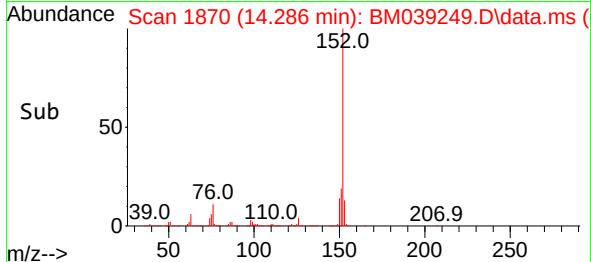
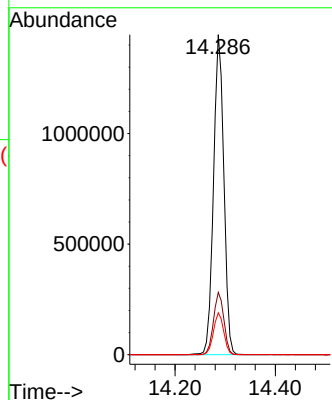
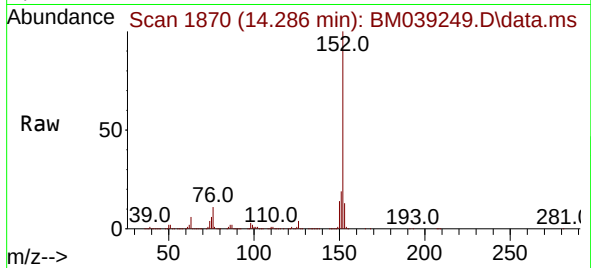




#49
Acenaphthylene
Concen: 41.873 ng
RT: 14.286 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

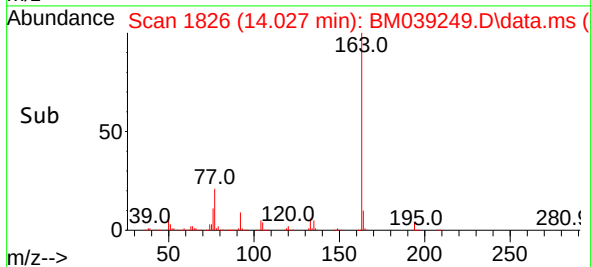
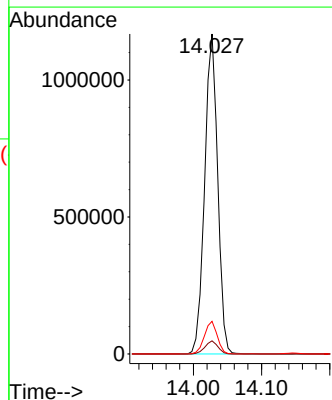
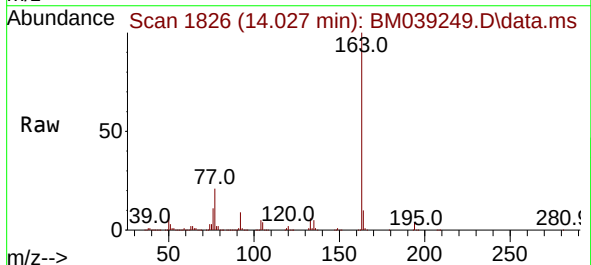
Instrument :
BNA_M
ClientSampleId :
PB151721BS

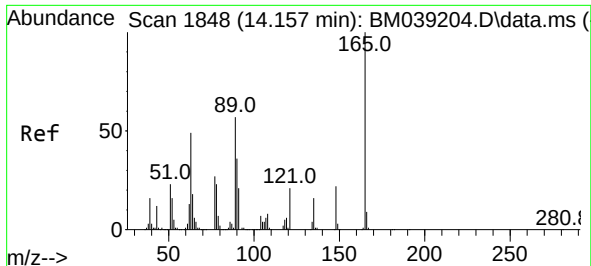
Tgt Ion:152 Resp: 2069069
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 39.950 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:163 Resp: 1548135
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.767 ng

RT: 14.145 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

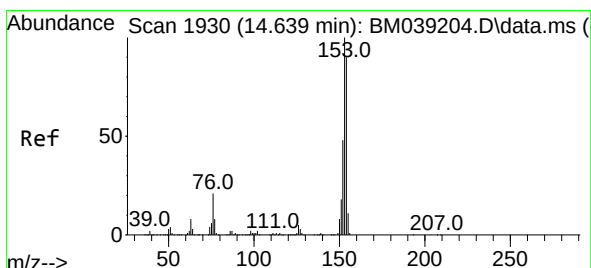
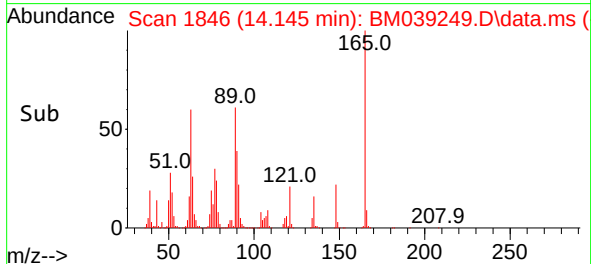
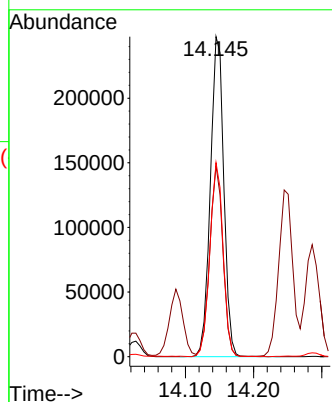
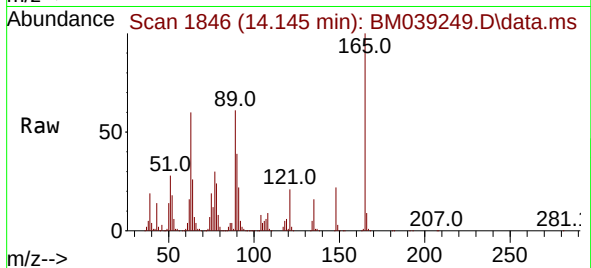
Tgt Ion:165 Resp: 339727

Ion Ratio Lower Upper

165 100

63 59.7 44.9 67.3

89 60.6 45.4 68.0



#52

Acenaphthene

Concen: 41.868 ng

RT: 14.627 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

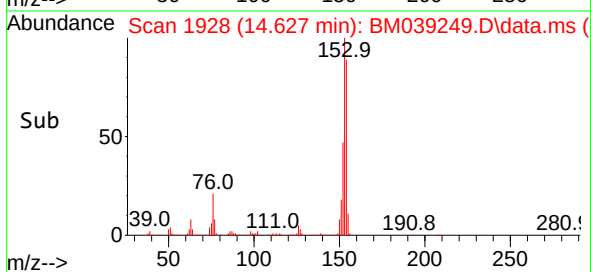
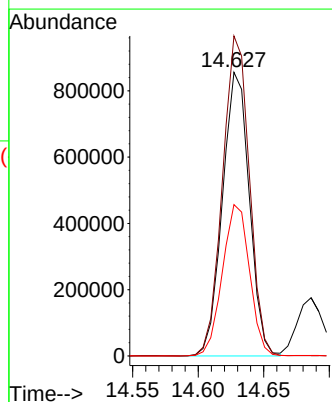
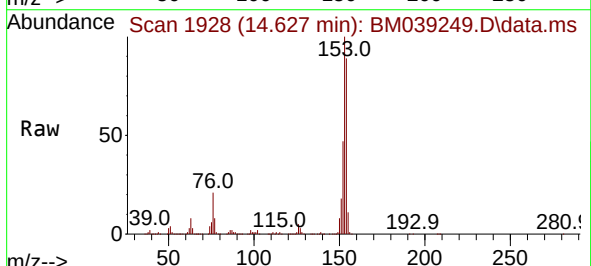
Tgt Ion:154 Resp: 1221621

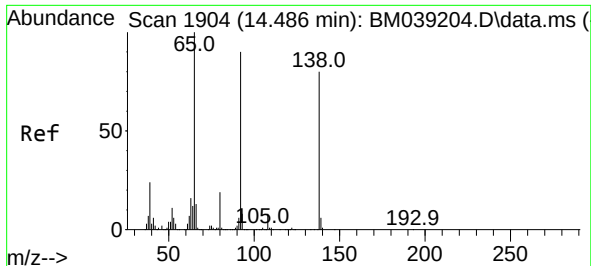
Ion Ratio Lower Upper

154 100

153 112.8 89.1 133.7

152 53.4 42.6 64.0

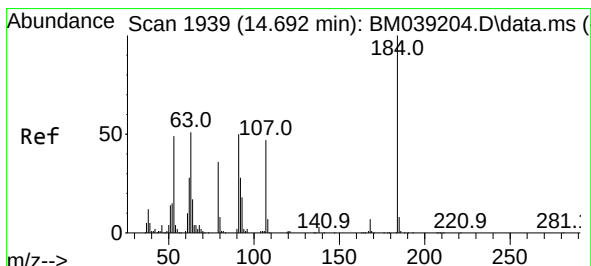
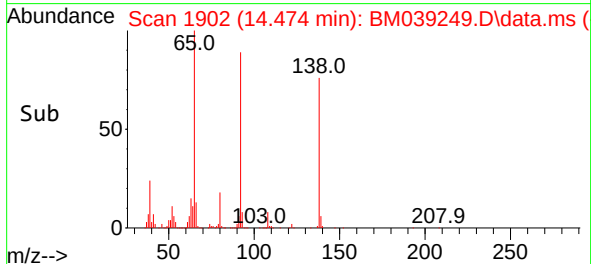
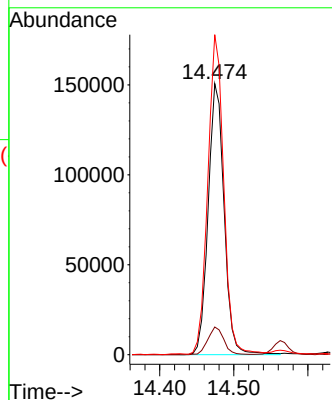
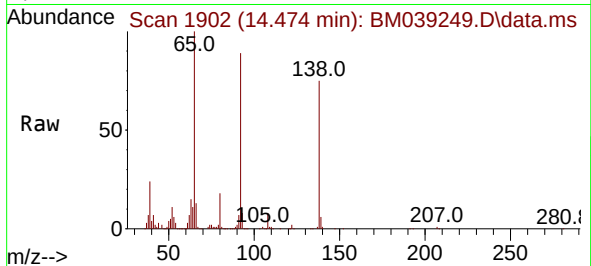




#53
3-Nitroaniline
Concen: 23.406 ng
RT: 14.474 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

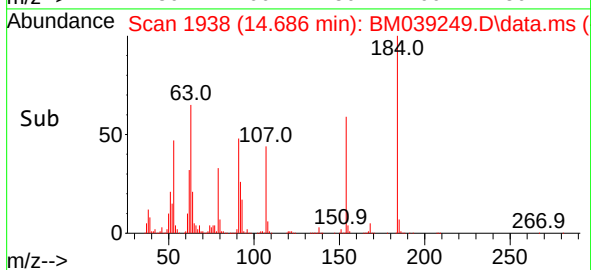
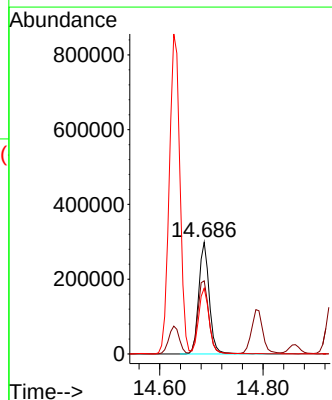
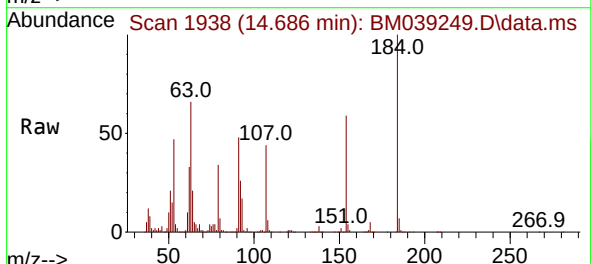
Instrument :
BNA_M
ClientSampleId :
PB151721BS

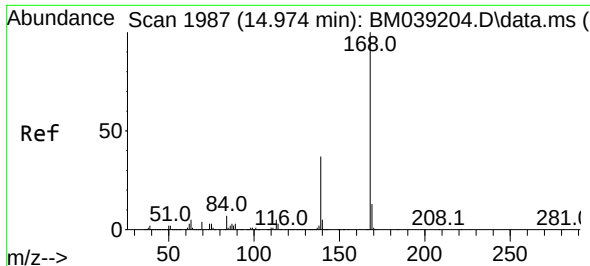
Tgt Ion:138 Resp: 225489
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 118.0 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 85.503 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:184 Resp: 421968
Ion Ratio Lower Upper
184 100
63 65.6 56.4 84.6
154 58.9 48.7 73.1

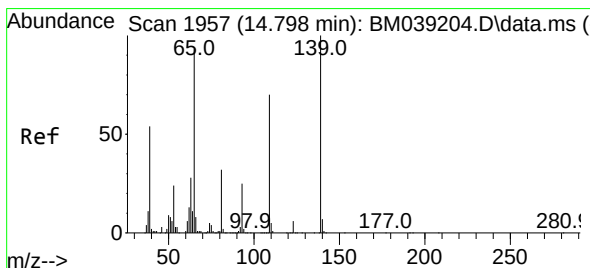
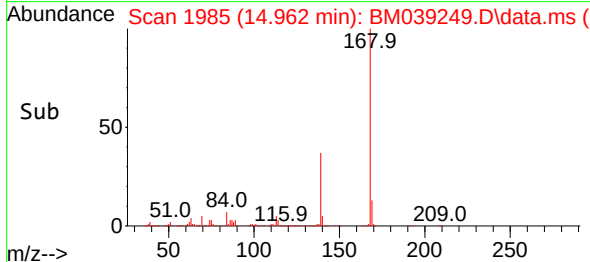
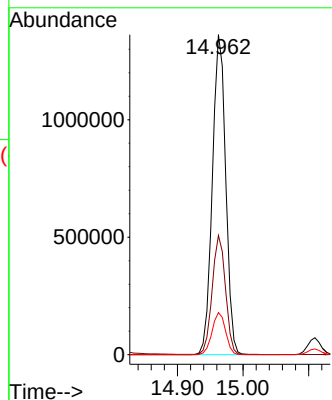
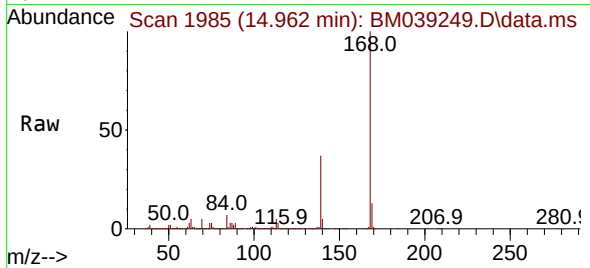




#55
Dibenzenofuran
Concen: 41.050 ng
RT: 14.962 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

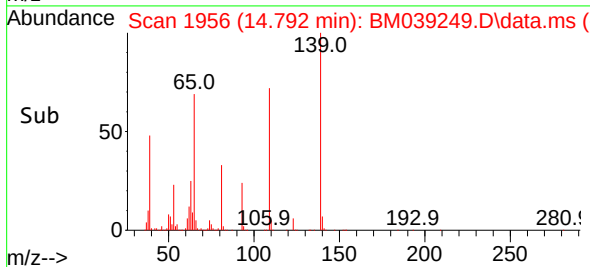
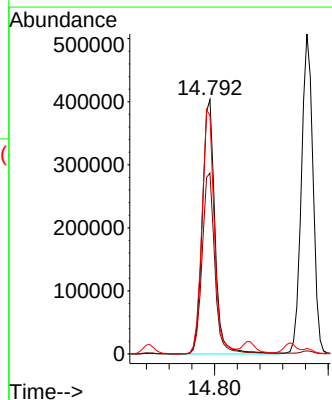
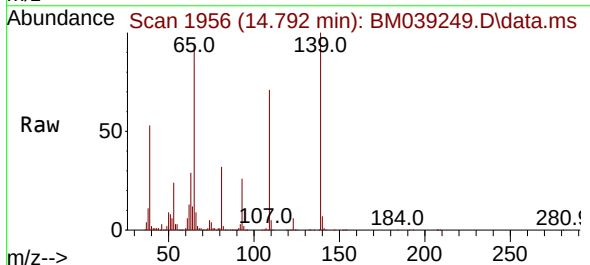
Instrument :
BNA_M
ClientSampleId :
PB151721BS

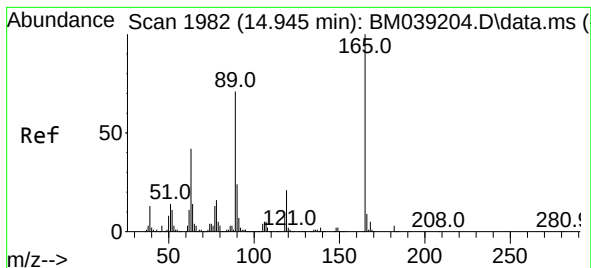
Tgt Ion:168 Resp: 1928304
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.2
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 83.549 ng
RT: 14.792 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:139 Resp: 620670
Ion Ratio Lower Upper
139 100
109 71.1 49.6 89.6
65 93.6 72.9 112.9

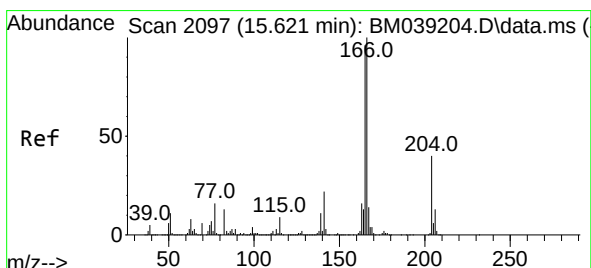
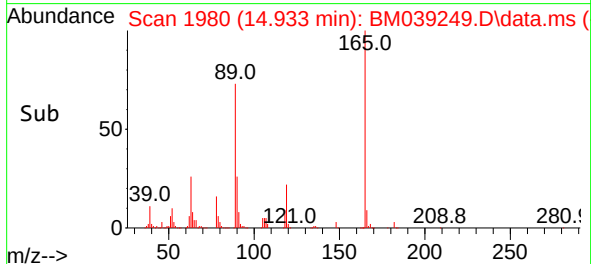
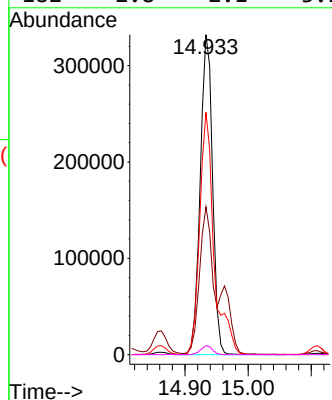
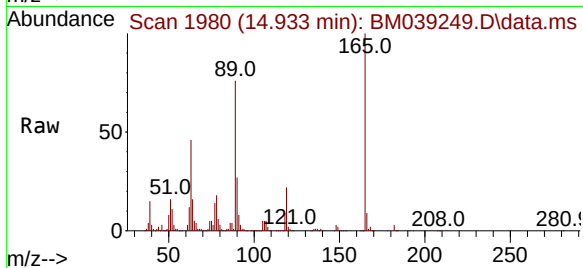




#57
2,4-Dinitrotoluene
Concen: 39.985 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

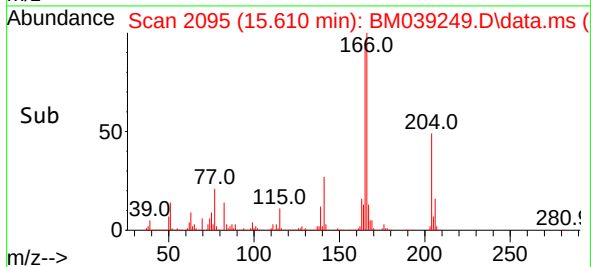
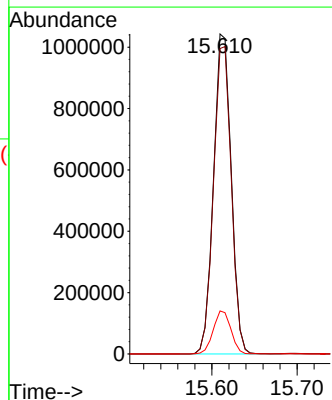
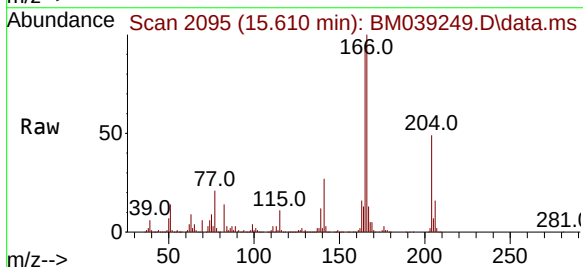
Instrument :
BNA_M
ClientSampleId :
PB151721BS

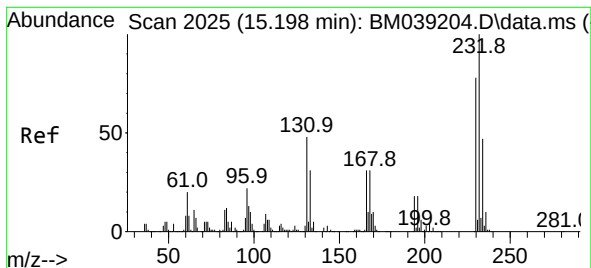
Tgt Ion:165 Resp: 450751
Ion Ratio Lower Upper
165 100
63 46.2 33.5 50.3
89 75.8 56.7 85.1
182 2.8 2.1 3.1



#58
Fluorene
Concen: 40.428 ng
RT: 15.610 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:166 Resp: 1503799
Ion Ratio Lower Upper
166 100
165 95.5 76.9 115.3
167 13.5 10.8 16.2

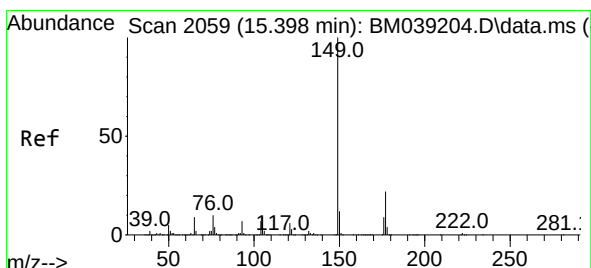
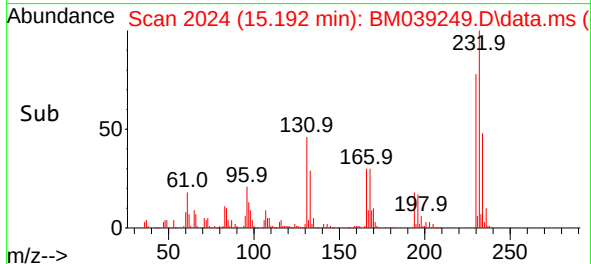
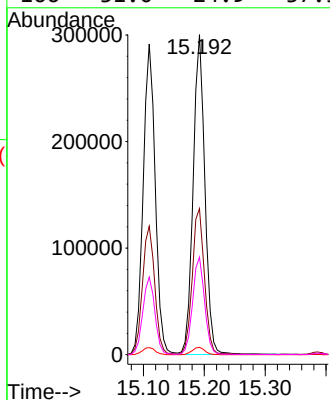
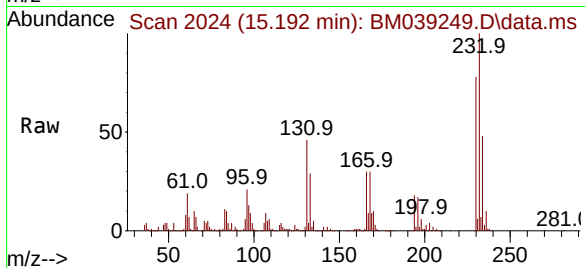




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.294 ng
RT: 15.192 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

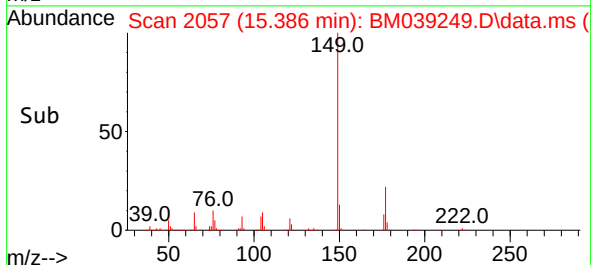
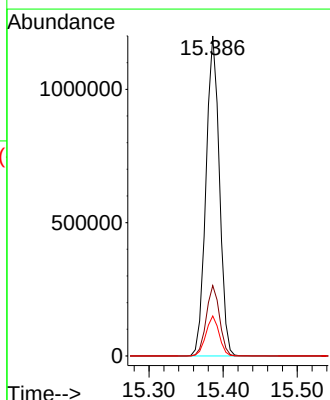
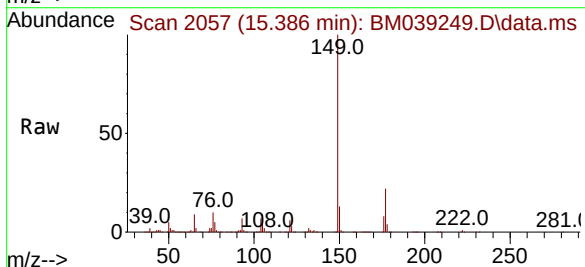
Instrument :
BNA_M
ClientSampleId :
PB151721BS

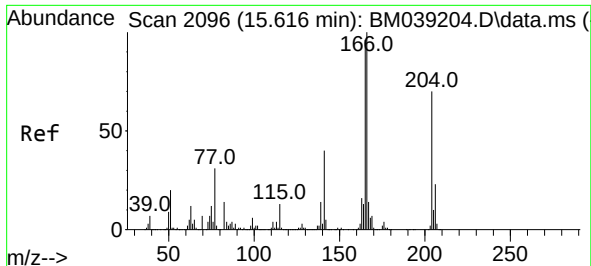
Tgt Ion:232 Resp: 402090
Ion Ratio Lower Upper
232 100
131 47.1 37.7 56.5
130 2.5 1.9 2.9
166 31.0 24.9 37.3



#60
Diethylphthalate
Concen: 38.700 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:149 Resp: 1509472
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.5 9.8 14.6

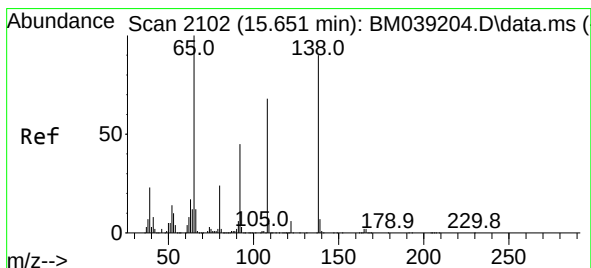
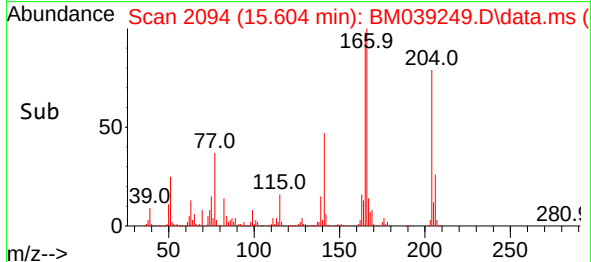
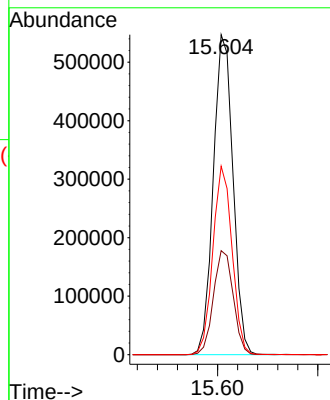
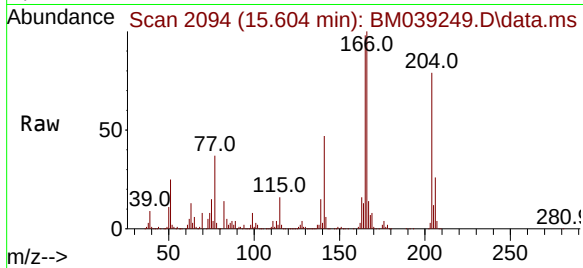




#61
4-Chlorophenyl-phenylether
Concen: 40.372 ng
RT: 15.604 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

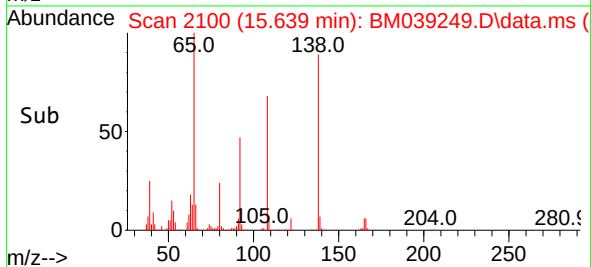
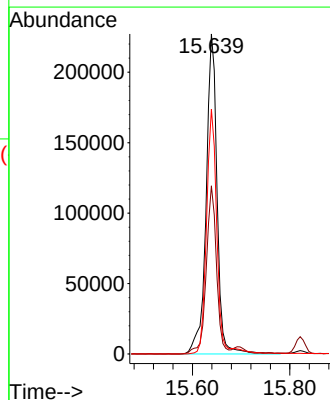
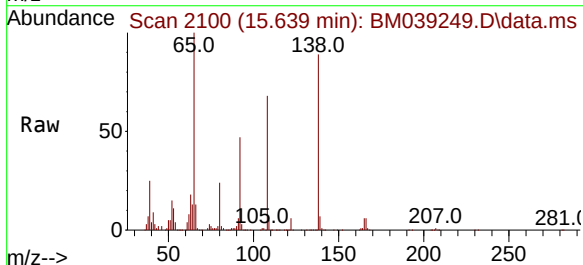
Instrument :
BNA_M
ClientSampleId :
PB151721BS

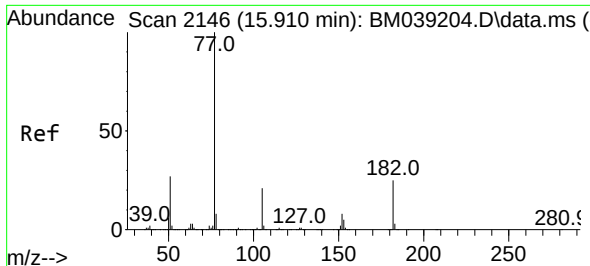
Tgt Ion:204 Resp: 744245
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 58.9 45.8 68.6



#62
4-Nitroaniline
Concen: 35.758 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:138 Resp: 353511
Ion Ratio Lower Upper
138 100
92 52.5 30.5 70.5
108 76.5 55.5 95.5



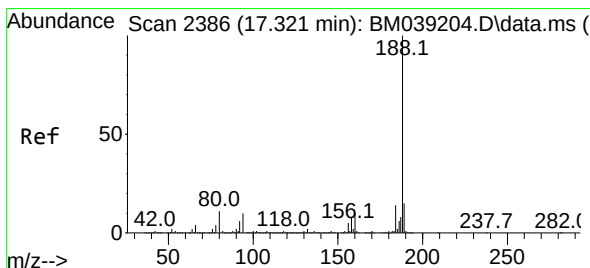
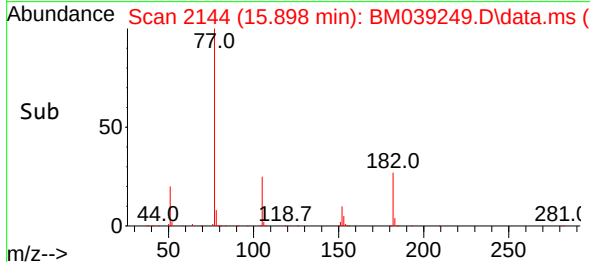
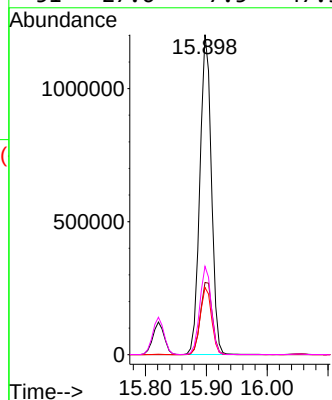
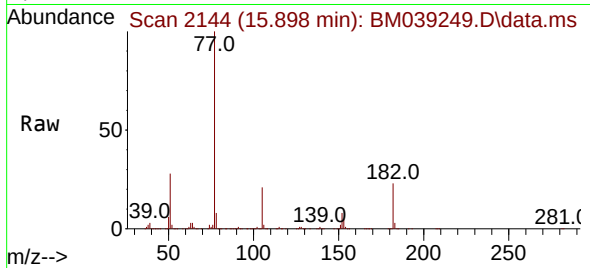


#63
Azobenzene
Concen: 40.181 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Instrument :
BNA_M
ClientSampleId :
PB151721BS

Tgt Ion: 77 Resp: 1570205

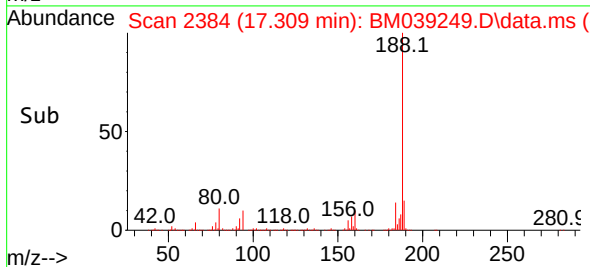
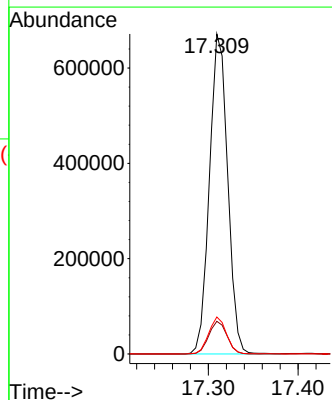
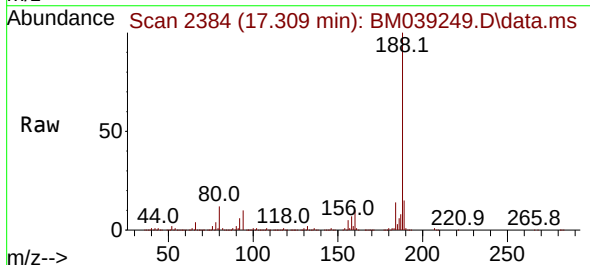
Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.8	44.8
105	21.0	1.4	41.4
51	27.6	7.5	47.5

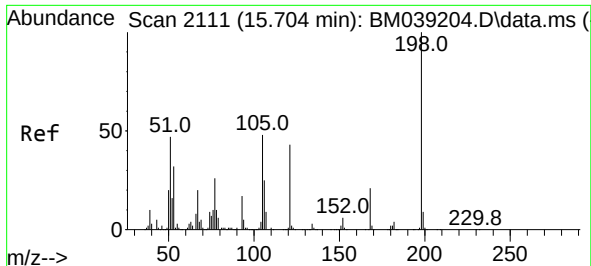


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion: 188 Resp: 946322

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.5	8.9	13.3

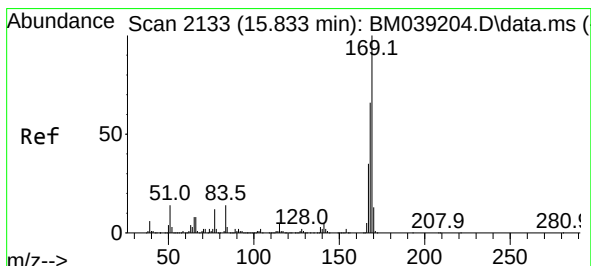
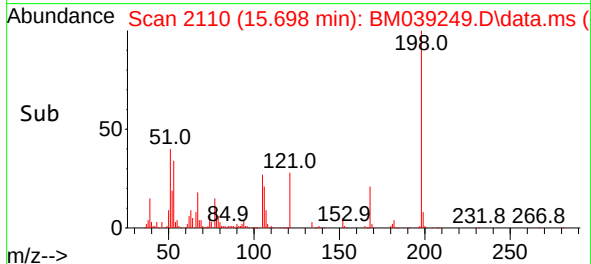
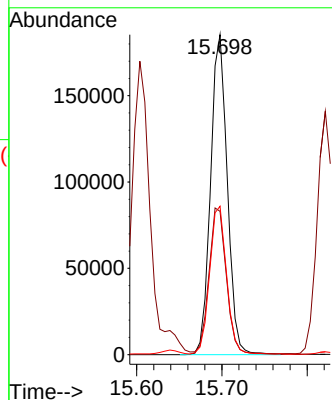
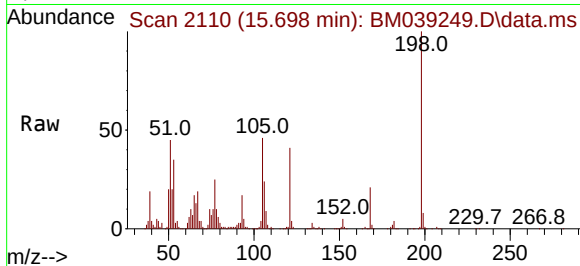




#65
4,6-Dinitro-2-methylphenol
Concen: 40.554 ng
RT: 15.698 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

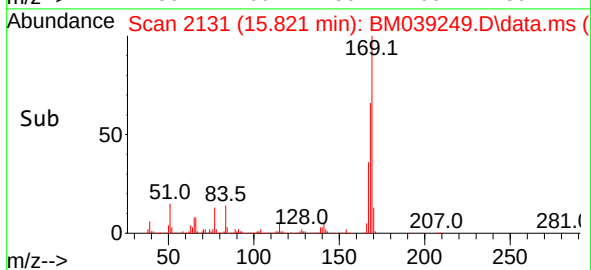
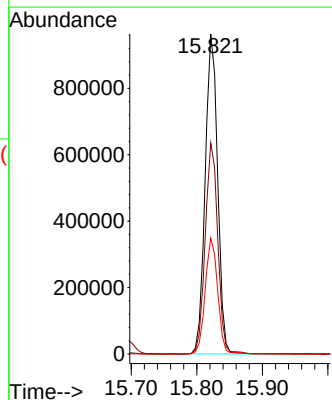
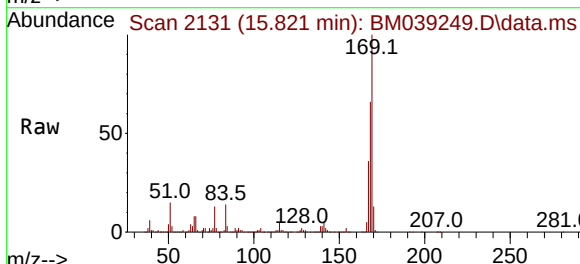
Instrument :
BNA_M
ClientSampleId :
PB151721BS

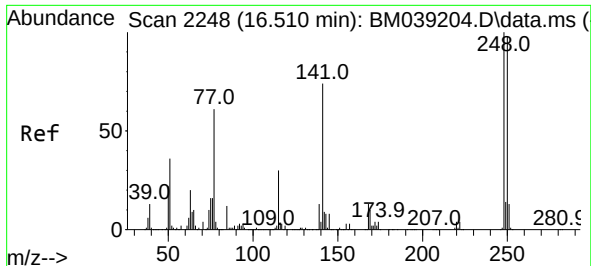
Tgt Ion:198 Resp: 252473
Ion Ratio Lower Upper
198 100
51 44.8 28.9 68.9
105 46.4 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 42.798 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:169 Resp: 1276250
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.3 28.4 42.6

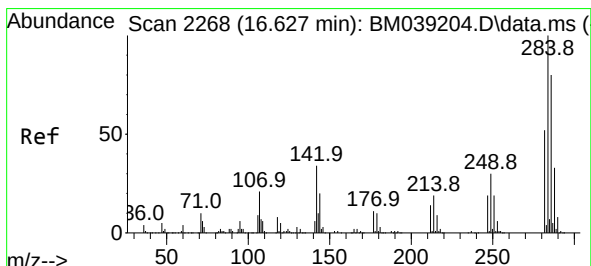
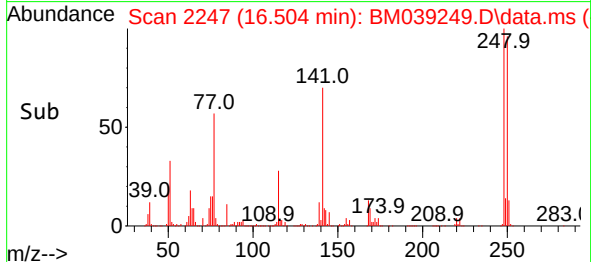
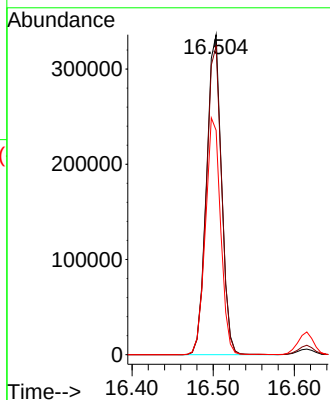
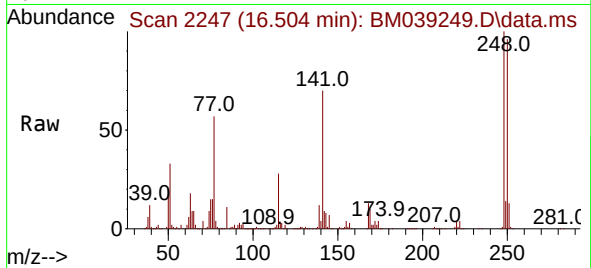




#67
4-Bromophenyl-phenylether
Concen: 42.727 ng
RT: 16.504 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

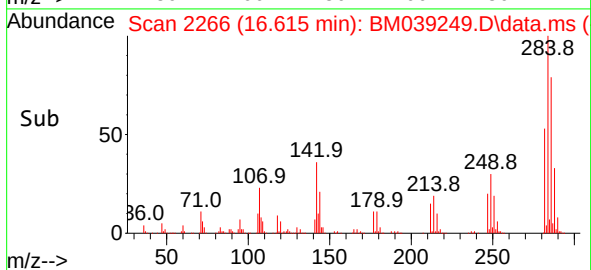
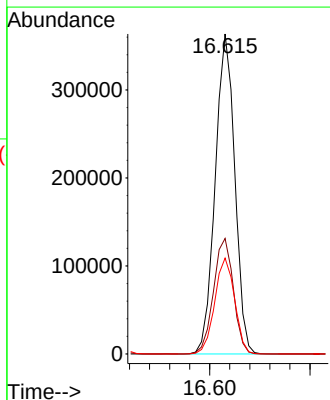
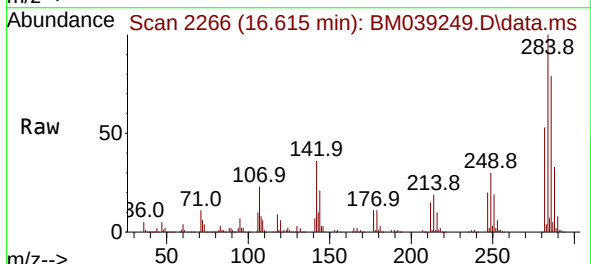
Instrument :
BNA_M
ClientSampleId :
PB151721BS

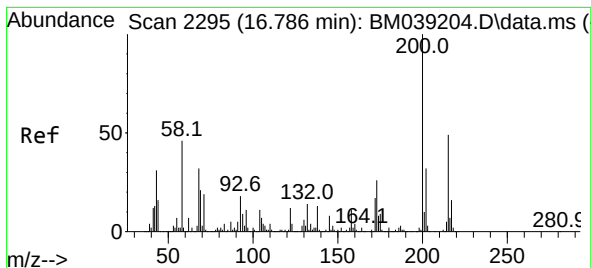
Tgt Ion:248 Resp: 431811
Ion Ratio Lower Upper
248 100
250 96.4 78.8 118.2
141 70.1 58.8 88.2



#68
Hexachlorobenzene
Concen: 44.881 ng
RT: 16.615 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:284 Resp: 491809
Ion Ratio Lower Upper
284 100
142 36.1 27.4 41.2
249 29.9 24.4 36.6





#69

Atrazine

Concen: 42.848 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

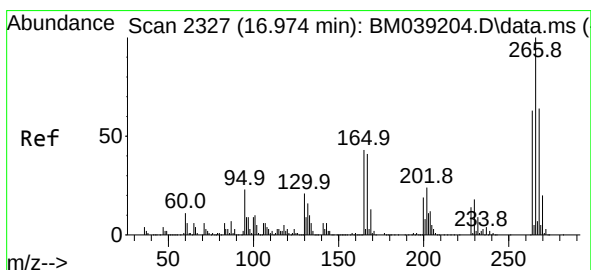
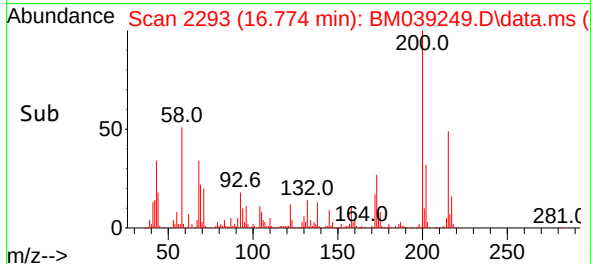
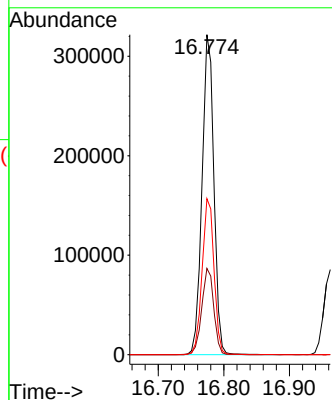
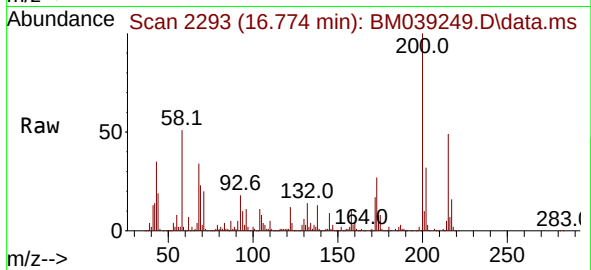
Tgt Ion:200 Resp: 404692

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

215 48.8 28.9 68.9



#70

Pentachlorophenol

Concen: 78.926 ng

RT: 16.962 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

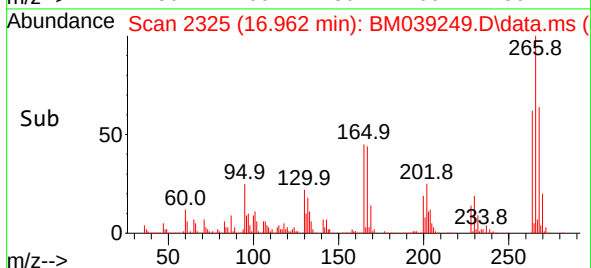
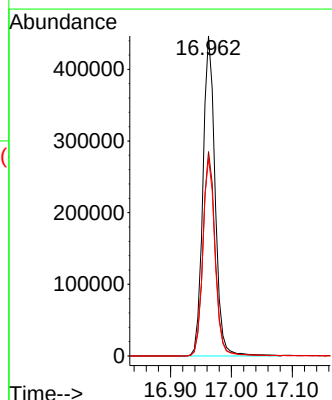
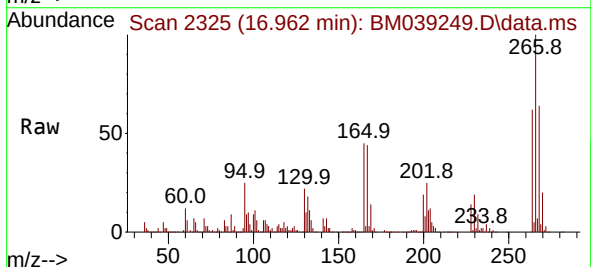
Tgt Ion:266 Resp: 620506

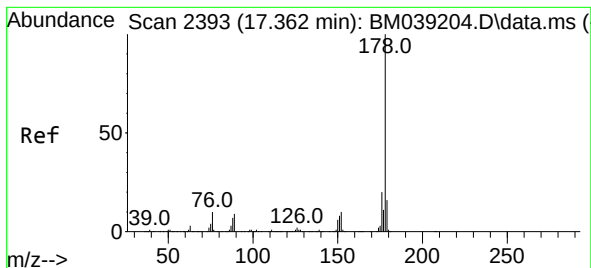
Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.2

264 61.9 50.2 75.4





#71

Phenanthrene

Concen: 41.749 ng

RT: 17.356 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

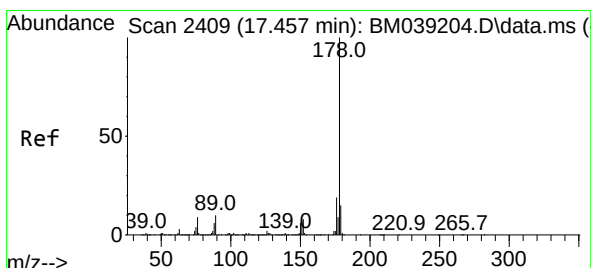
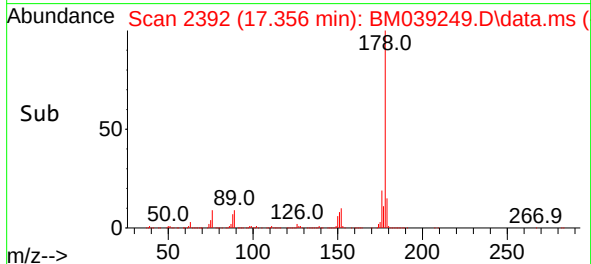
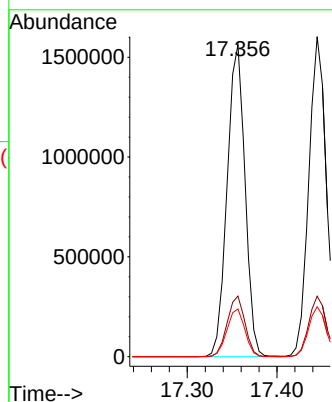
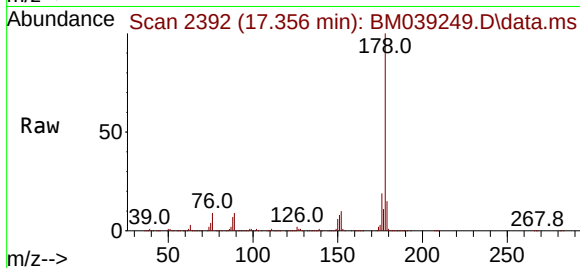
Tgt Ion:178 Resp: 2163773

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.3 12.4 18.6



#72

Anthracene

Concen: 41.365 ng

RT: 17.445 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

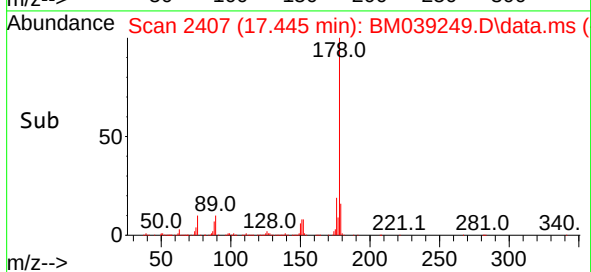
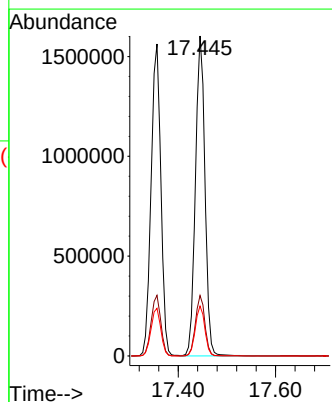
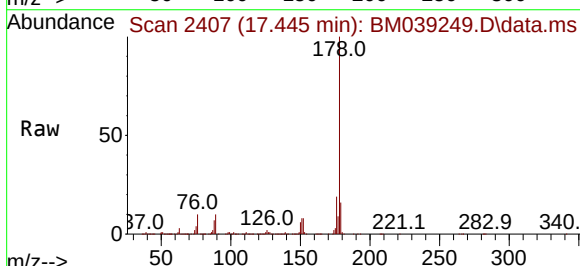
Tgt Ion:178 Resp: 2186050

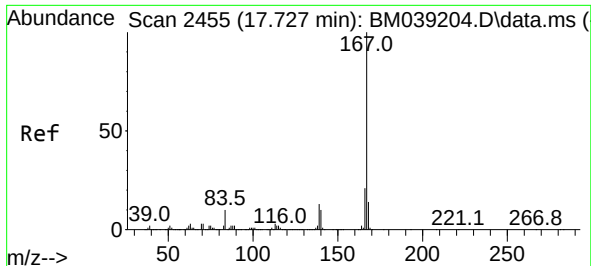
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.6 12.2 18.2



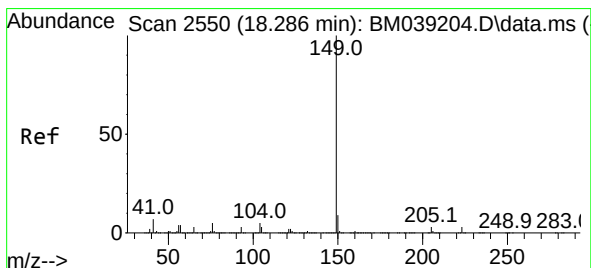
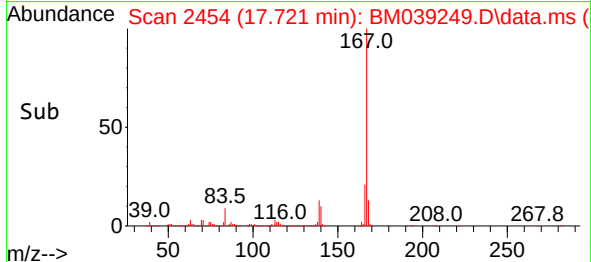
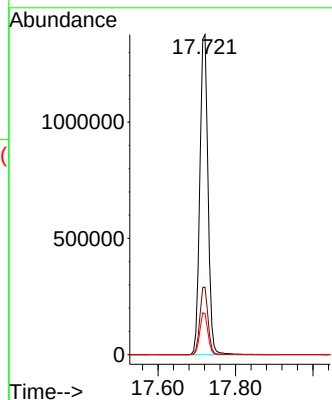
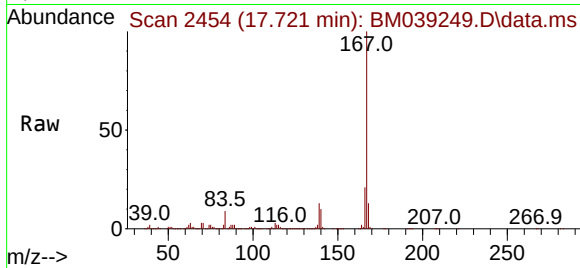


#73
 Carbazole
 Concen: 40.658 ng
 RT: 17.721 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Tgt Ion:167 Resp: 2007805

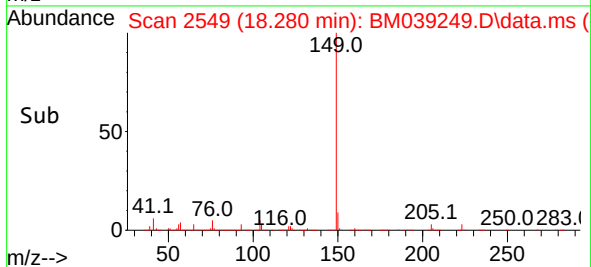
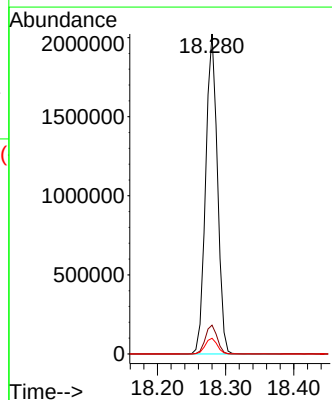
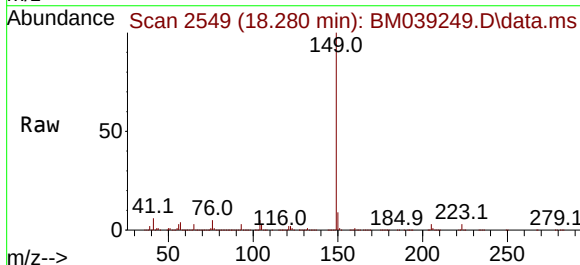
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.8	10.6	16.0

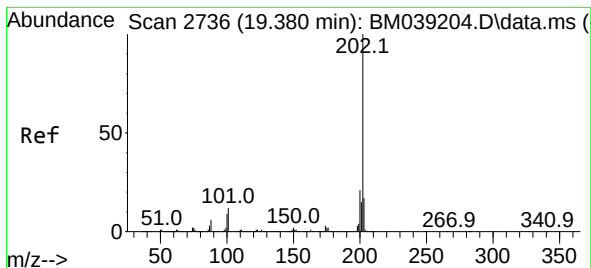


#74
 Di-n-butylphthalate
 Concen: 39.693 ng
 RT: 18.280 min Scan# 2549
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Tgt Ion:149 Resp: 2424674

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 38.355 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

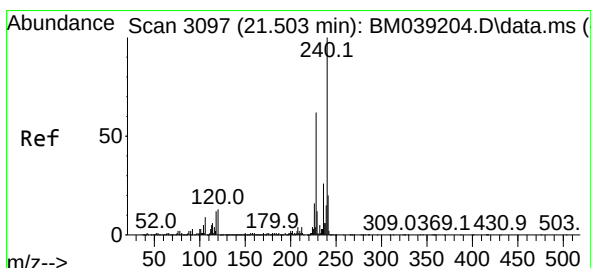
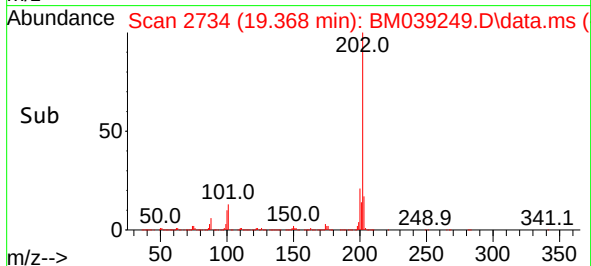
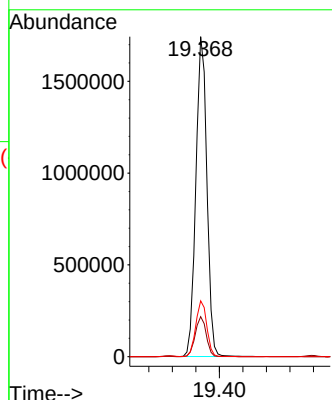
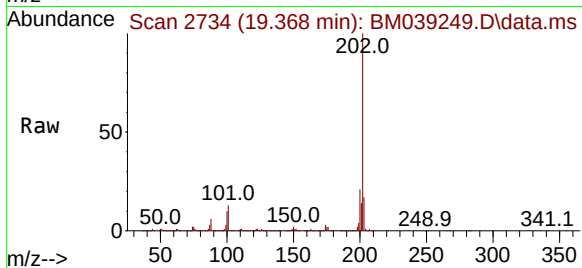
Tgt Ion:202 Resp: 2266023

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.5

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

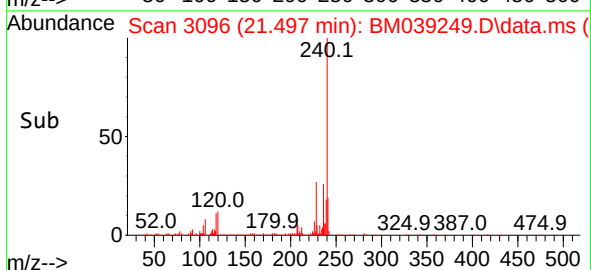
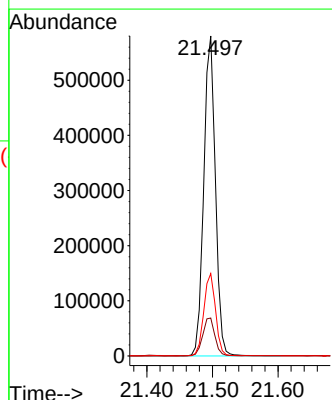
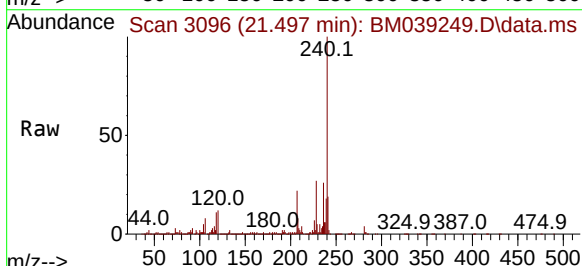
Tgt Ion:240 Resp: 717284

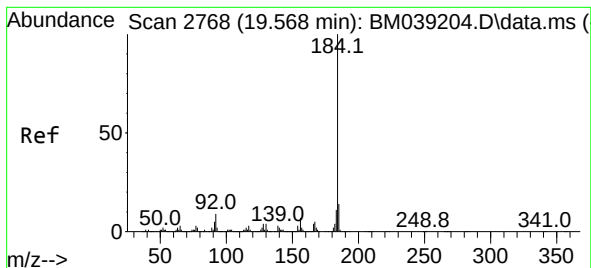
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 25.8 20.9 31.3





#77

Benzidine

Concen: 68.747 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

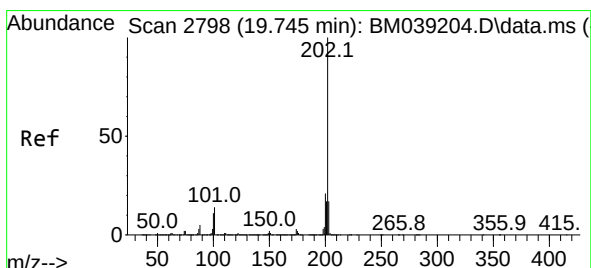
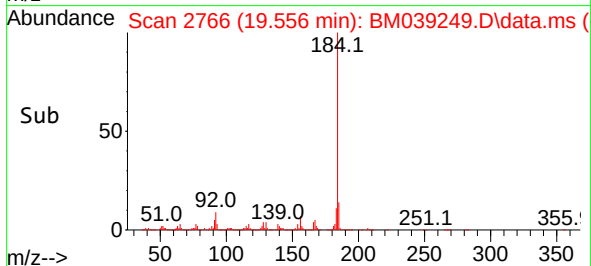
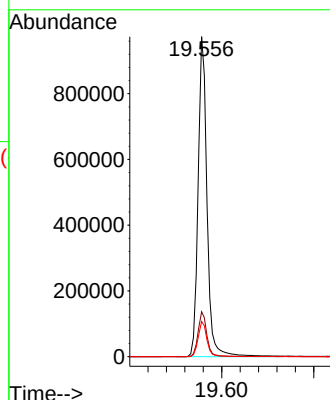
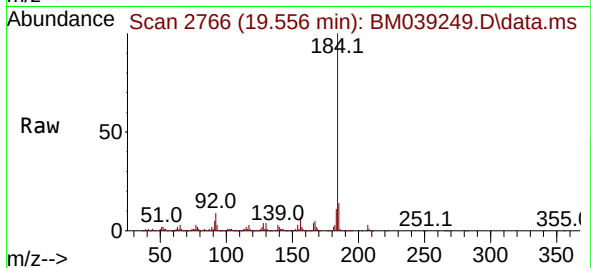
Tgt Ion:184 Resp: 1300659

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.0 9.0 13.4



#78

Pyrene

Concen: 46.556 ng

RT: 19.733 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

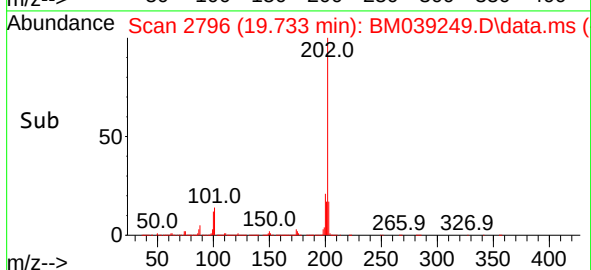
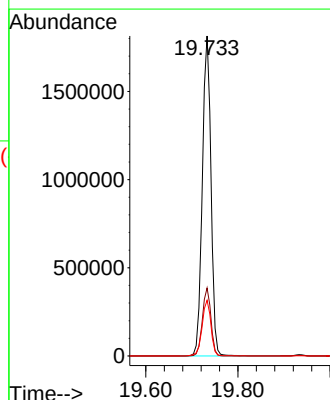
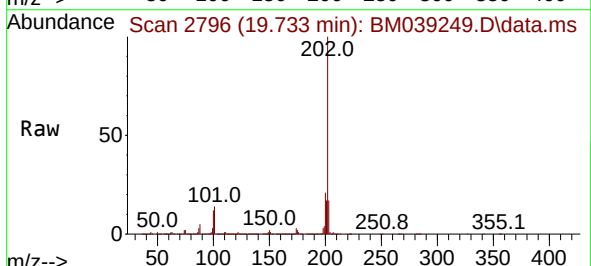
Tgt Ion:202 Resp: 2377269

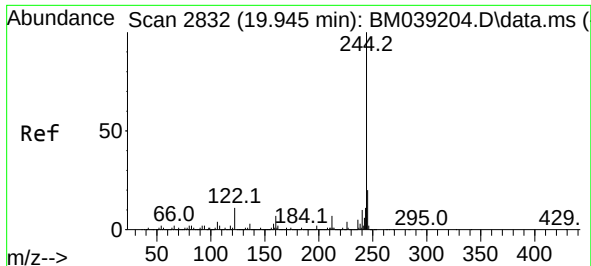
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.4 13.9 20.9

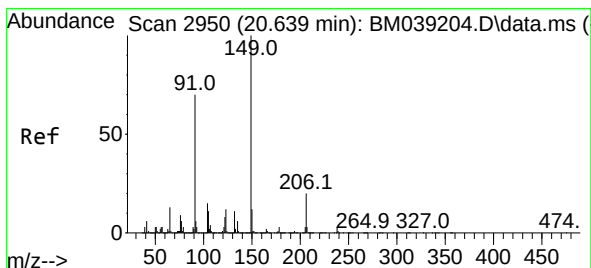
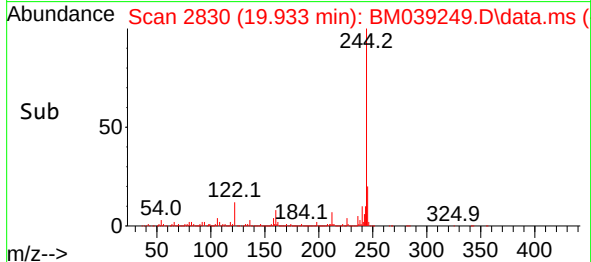
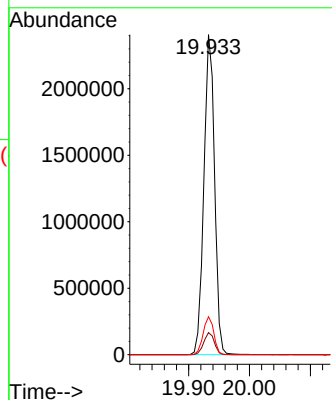
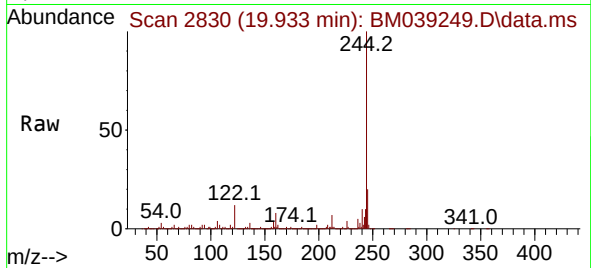




#79
 Terphenyl-d14
 Concen: 75.456 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

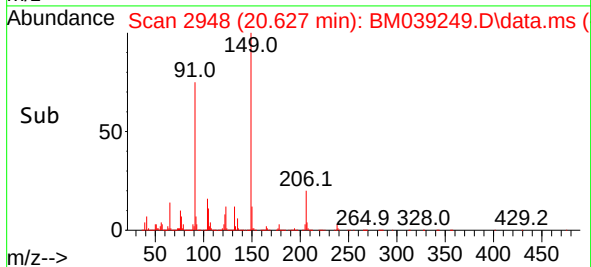
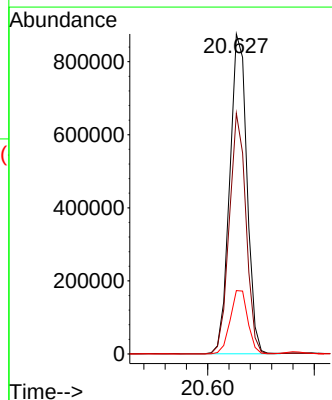
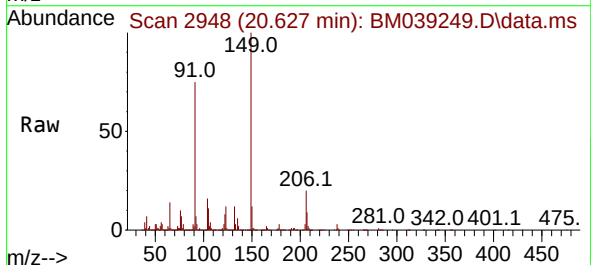
Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

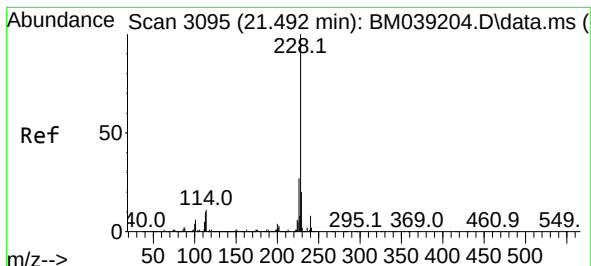
Tgt Ion:244 Resp: 2929452
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 41.876 ng
 RT: 20.627 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Tgt Ion:149 Resp: 979628
 Ion Ratio Lower Upper
 149 100
 91 75.2 56.3 84.5
 206 19.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 41.783 ng

RT: 21.480 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

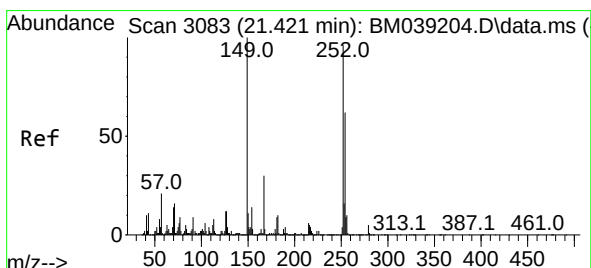
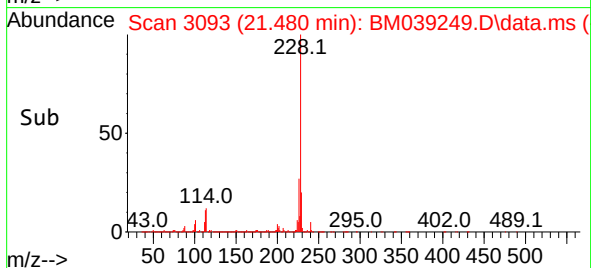
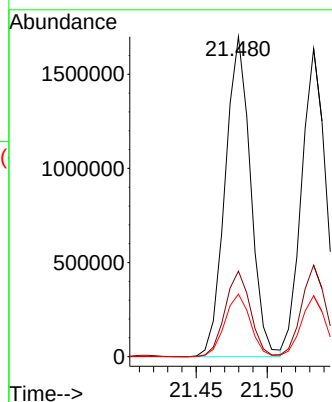
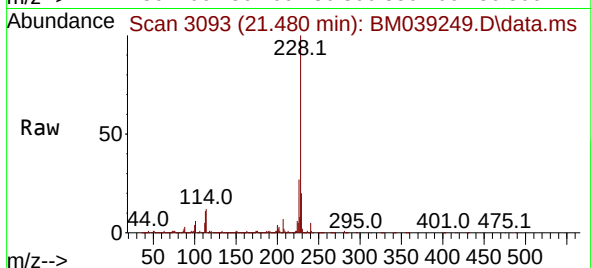
Tgt Ion:228 Resp: 2113668

Ion Ratio Lower Upper

228 100

226 26.7 21.9 32.9

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 32.607 ng

RT: 21.415 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

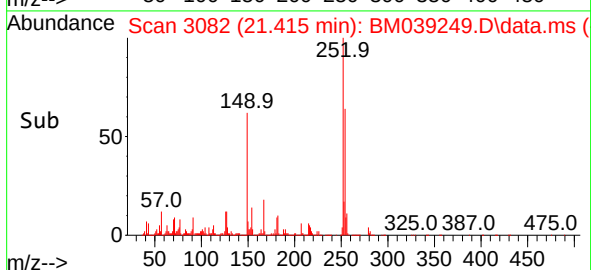
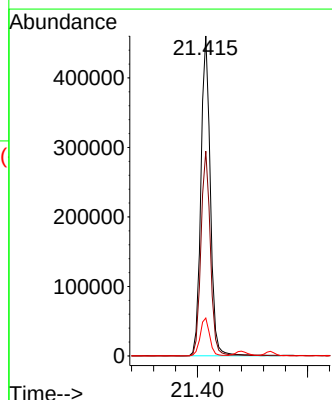
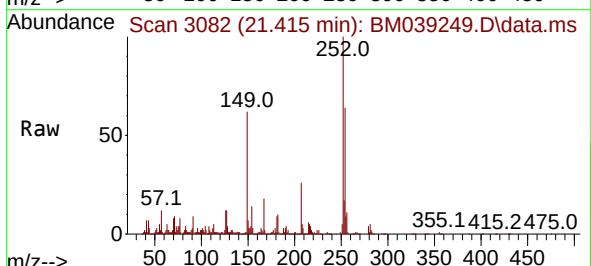
Tgt Ion:252 Resp: 549481

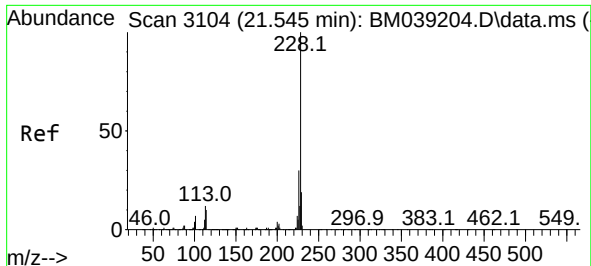
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.8

126 11.9 10.1 15.1





#83

Chrysene

Concen: 40.336 ng

RT: 21.533 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

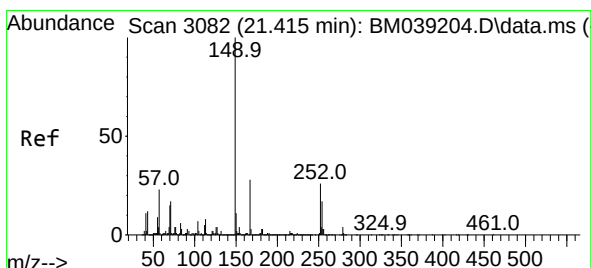
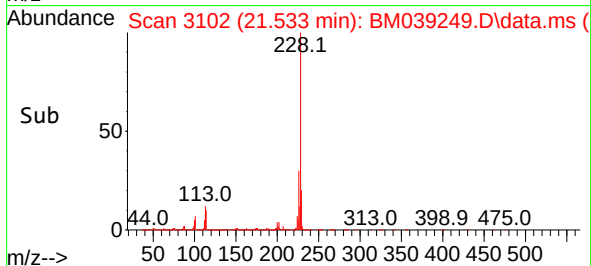
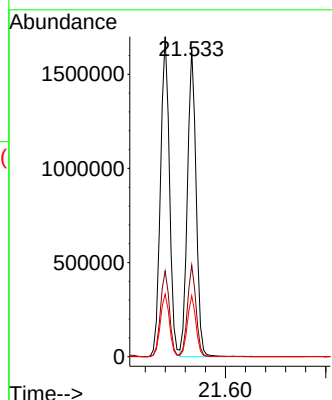
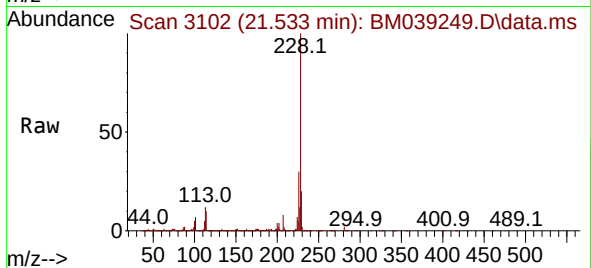
Tgt Ion:228 Resp: 1969847

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.202 ng

RT: 21.403 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

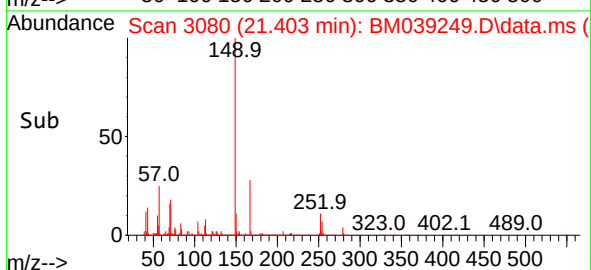
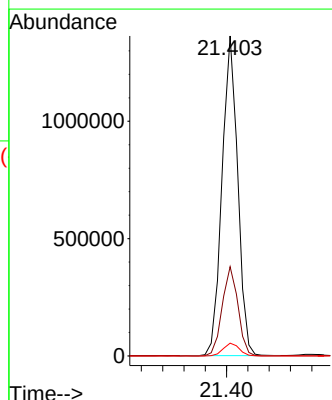
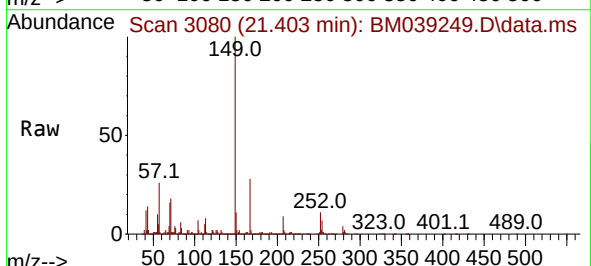
Tgt Ion:149 Resp: 1388983

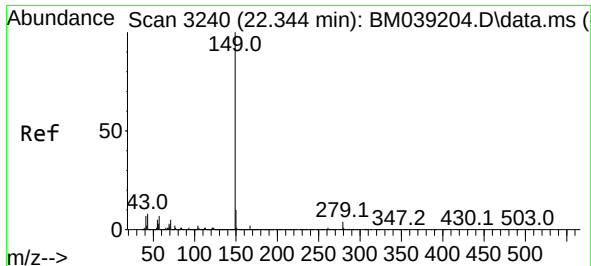
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.0 3.4 5.2

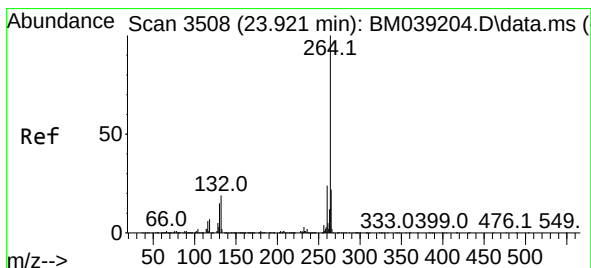
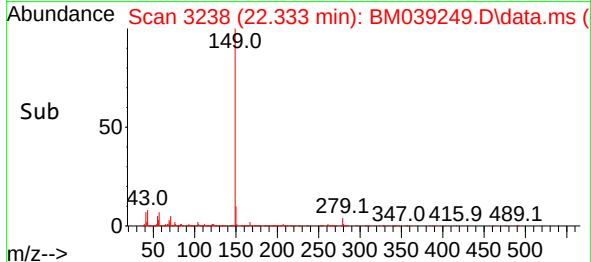
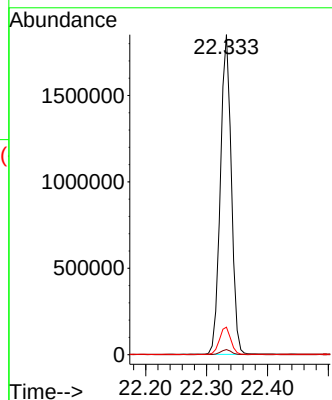
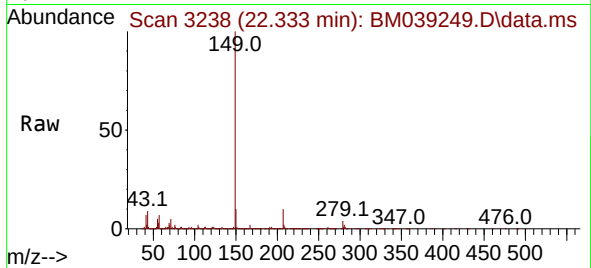




#85
Di-n-octyl phthalate
Concen: 36.916 ng
RT: 22.333 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

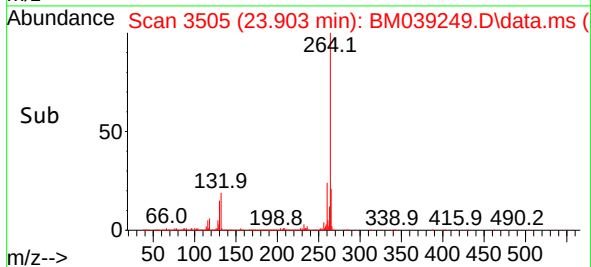
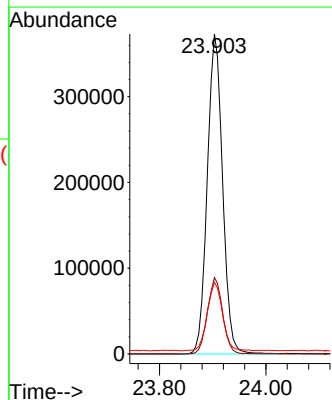
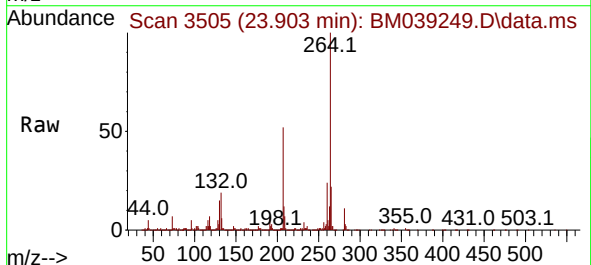
Instrument :
BNA_M
ClientSampleId :
PB151721BS

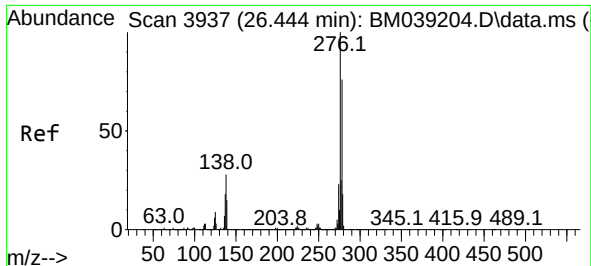
Tgt Ion:149 Resp: 2297922
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.903 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:264 Resp: 743370
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.4 18.1 27.1



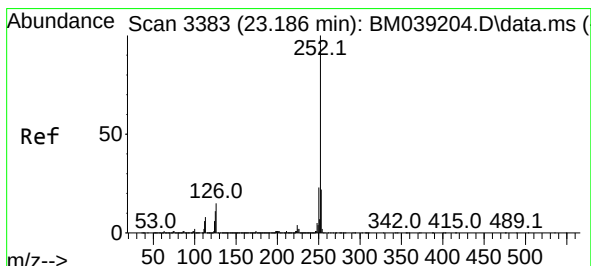
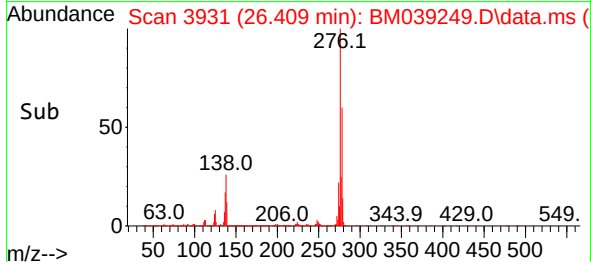
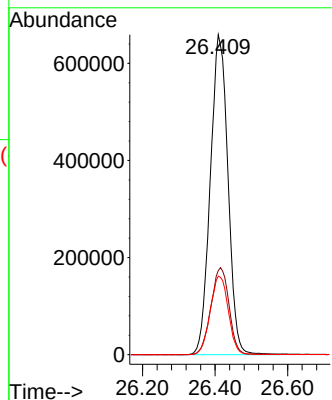
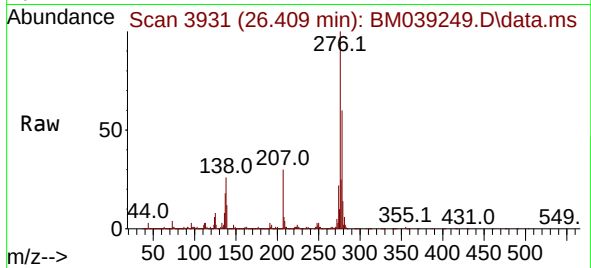


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.657 ng
 RT: 26.409 min Scan# 3931
 Delta R.T. -0.006 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Instrument :
 BNA_M
 ClientSampleId :
 PB151721BS

Tgt Ion:276 Resp: 2226823

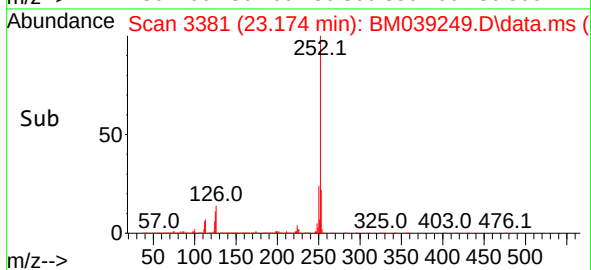
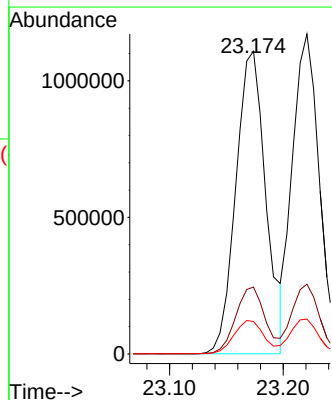
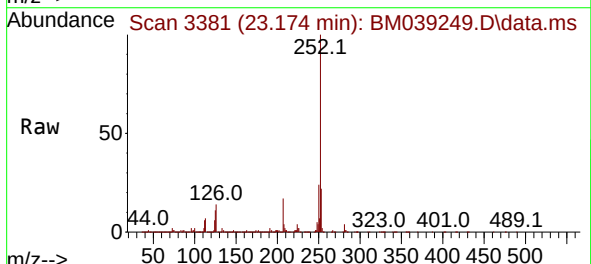
Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.2	33.2
277	25.2	20.2	30.2

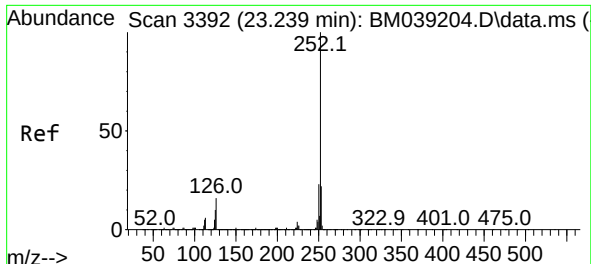


#88
 Benzo(b)fluoranthene
 Concen: 44.770 ng
 RT: 23.174 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: BM039249.D
 Acq: 31 Mar 2023 12:20

Tgt Ion:252 Resp: 2036371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.7	9.0	13.6

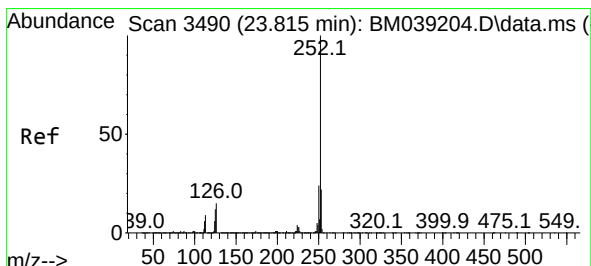
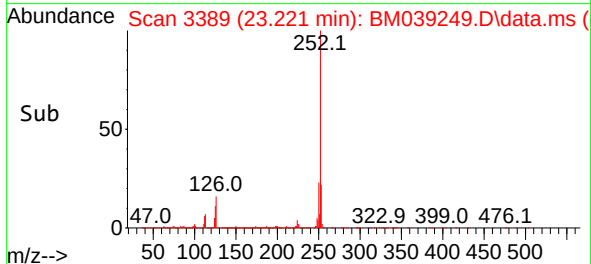
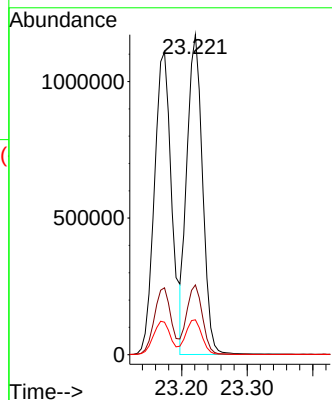
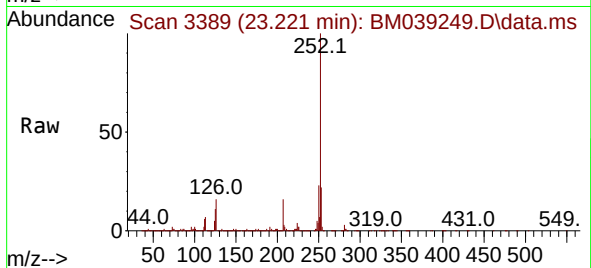




#89
Benzo(k)fluoranthene
Concen: 41.596 ng
RT: 23.221 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

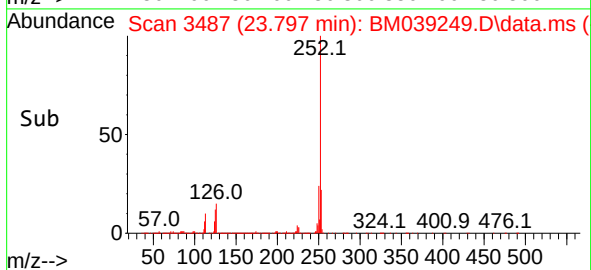
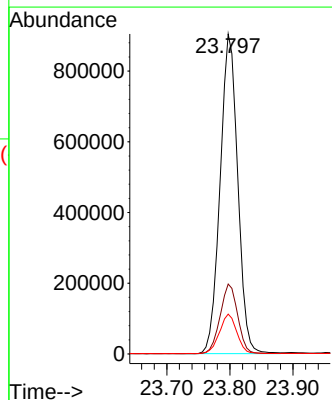
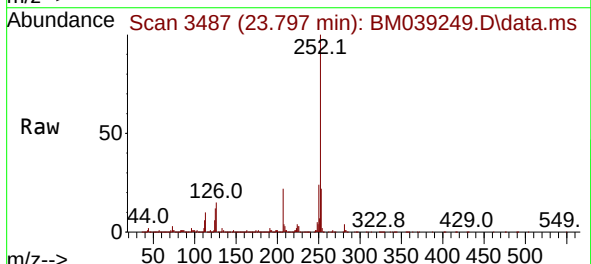
Instrument :
BNA_M
ClientSampleId :
PB151721BS

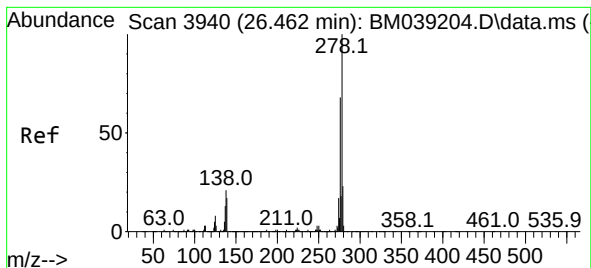
Tgt Ion:252 Resp: 1927217
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.9 8.5 12.7



#90
Benzo(a)pyrene
Concen: 39.238 ng
RT: 23.797 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM039249.D
Acq: 31 Mar 2023 12:20

Tgt Ion:252 Resp: 1753271
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.5 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 40.882 ng

RT: 26.426 min Scan# 3940

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Instrument :

BNA_M

ClientSampleId :

PB151721BS

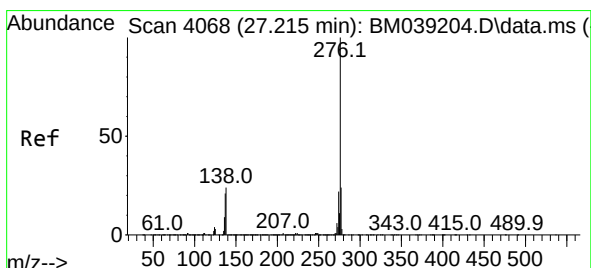
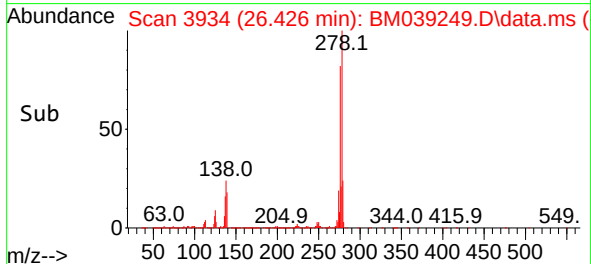
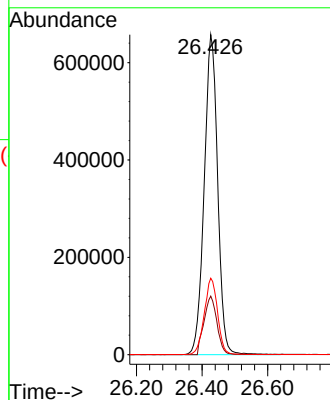
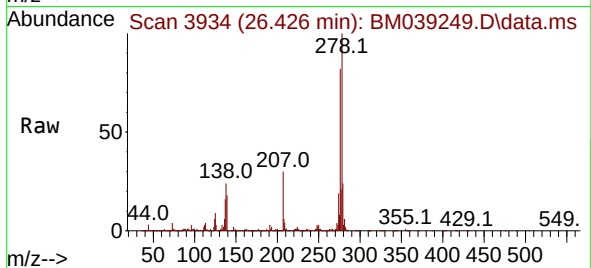
Tgt Ion:278 Resp: 1880201

Ion Ratio Lower Upper

278 100

139 18.3 13.9 20.9

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.138 ng

RT: 27.185 min Scan# 4063

Delta R.T. -0.000 min

Lab File: BM039249.D

Acq: 31 Mar 2023 12:20

Tgt Ion:276 Resp: 1815379

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.7 19.5 29.3

