

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM039211.D
 Acq On : 29 Mar 2023 19:05
 Operator : CG/JU
 Sample : PB151670BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151670BS

Quant Time: Mar 30 05:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	233779	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	914267	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	492622	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	934269	20.000	ng	0.00
76) Chrysene-d12	21.503	240	727189	20.000	ng	0.00
86) Perylene-d12	23.921	264	741217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2322552	149.678	ng	0.00
7) Phenol-d6	7.098	99	2853911	142.198	ng	0.00
23) Nitrobenzene-d5	9.098	82	1749078	92.981	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	873669	139.712	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	3513879	96.646	ng	0.00
79) Terphenyl-d14	19.945	244	4339210	110.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.351	88	253251	39.929	ng	99
3) Pyridine	3.763	79	683423	38.463	ng	99
4) n-Nitrosodimethylamine	3.669	42	328146	47.024	ng	98
6) Aniline	7.251	93	1041316	41.921	ng	100
8) 2-Chlorophenol	7.492	128	807899	50.869	ng	99
9) Benzaldehyde	7.063	77	526224	46.040	ng	98
10) Phenol	7.128	94	1018829	50.655	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	802041	49.568	ng	99
12) 1,3-Dichlorobenzene	7.816	146	863292	51.256	ng	100
13) 1,4-Dichlorobenzene	7.963	146	879924	51.667	ng	99
14) 1,2-Dichlorobenzene	8.281	146	844323	51.847	ng	99
15) Benzyl Alcohol	8.175	79	693160	50.214	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1042687	50.381	ng	99
17) 2-Methylphenol	8.381	107	657015	46.690	ng	99
18) Hexachloroethane	9.010	117	342468	51.985	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	600515	46.807	ng	99
20) 3+4-Methylphenols	8.710	107	879167	46.495	ng	100
22) Acetophenone	8.757	105	1205951	49.333	ng	99
24) Nitrobenzene	9.139	77	886008	47.353	ng	100
25) Isophorone	9.669	82	1598408	45.547	ng	100
26) 2-Nitrophenol	9.851	139	425735	49.222	ng	98
27) 2,4-Dimethylphenol	9.916	122	712121	49.553	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1016171	47.834	ng	99
29) 2,4-Dichlorophenol	10.386	162	693393	49.453	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	746889	49.791	ng	98
31) Naphthalene	10.792	128	2339707	47.493	ng	100
32) Benzoic acid	10.069	122	505067	45.093	ng	98
33) 4-Chloroaniline	10.904	127	434914	20.151	ng	98
34) Hexachlorobutadiene	11.069	225	438492	49.713	ng	99
35) Caprolactam	11.704	113	214919	44.145	ng	98
36) 4-Chloro-3-methylphenol	12.033	107	723853	46.791	ng	100
37) 2-Methylnaphthalene	12.398	142	1537062	44.819	ng	100
38) 1-Methylnaphthalene	12.616	142	1435889	44.715	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	781692	52.118	ng	99
41) Hexachlorocyclopentadiene	12.745	237	1110166	135.487	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	518780	50.718	ng	99

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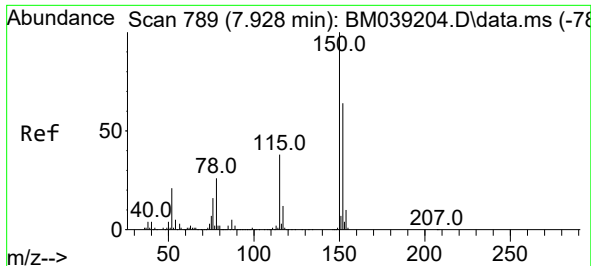
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	557950	46.529	ng	98
46) 1,1'-Biphenyl	13.410	154	1972496	50.705	ng	99
47) 2-Chloronaphthalene	13.451	162	1494820	50.750	ng	99
48) 2-Nitroaniline	13.657	65	466889	47.103	ng	99
49) Acenaphthylene	14.298	152	2307500	47.665	ng	100
50) Dimethylphthalate	14.033	163	1758632	46.323	ng	99
51) 2,6-Dinitrotoluene	14.157	165	389284	47.682	ng	99
52) Acenaphthene	14.639	154	1365562	47.771	ng	100
53) 3-Nitroaniline	14.486	138	263817	27.952	ng	99
54) 2,4-Dinitrophenol	14.692	184	502822	103.998	ng	99
55) Dibenzofuran	14.974	168	2137466	46.445	ng	100
56) 4-Nitrophenol	14.798	139	726409	99.809	ng	96
57) 2,4-Dinitrotoluene	14.945	165	520572	47.135	ng	98
58) Fluorene	15.621	166	1700329	46.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	457608	47.970	ng	99
60) Diethylphthalate	15.392	149	1746226	45.697	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	842176	46.631	ng	100
62) 4-Nitroaniline	15.651	138	415338	42.883	ng	100
63) Azobenzene	15.909	77	1809839	47.273	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	302799	49.265	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1467313	49.840	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	491845	49.295	ng	99
68) Hexachlorobenzene	16.627	284	564778	52.205	ng	99
69) Atrazine	16.786	200	484293	51.938	ng	99
70) Pentachlorophenol	16.974	266	731668	94.266	ng	99
71) Phenanthrene	17.362	178	2506915	48.993	ng	100
72) Anthracene	17.456	178	2547185	48.820	ng	100
73) Carbazole	17.727	167	2345730	48.114	ng	99
74) Di-n-butylphthalate	18.286	149	2905971	48.185	ng	100
75) Fluoranthene	19.380	202	2679354	45.936	ng	99
77) Benzidine	19.568	184	1277185	66.587	ng	100
78) Pyrene	19.739	202	2782147	53.742	ng	100
80) Butylbenzylphthalate	20.639	149	1204749	50.798	ng	100
81) Benzo(a)anthracene	21.486	228	2520199	49.140	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	679022	39.745	ng	99
83) Chrysene	21.544	228	2367195	47.813	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	1756567	50.149	ng	100
85) Di-n-octyl phthalate	22.344	149	3035880	48.107	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	2624040	48.048	ng	100
88) Benzo(b)fluoranthene	23.185	252	2460251	54.246	ng	100
89) Benzo(k)fluoranthene	23.233	252	2384379	51.613	ng	99
90) Benzo(a)pyrene	23.815	252	2089941	46.908	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2219624	48.403	ng	99
92) Benzo(g,h,i)perylene	27.215	276	2152062	47.720	ng	99

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

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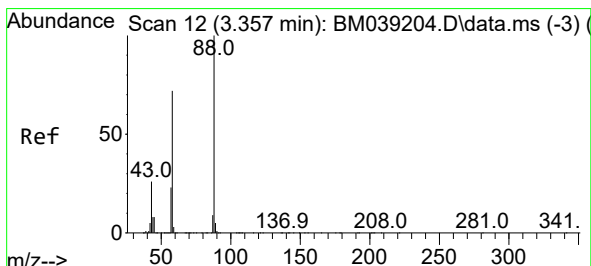
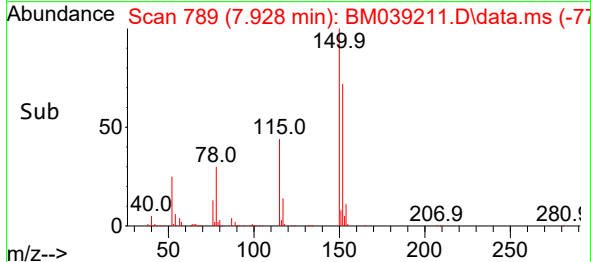
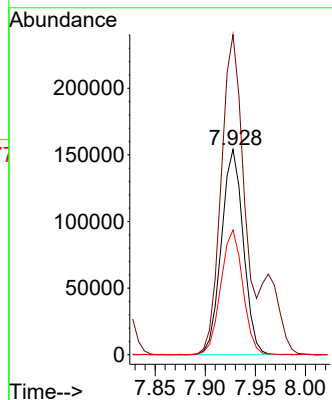
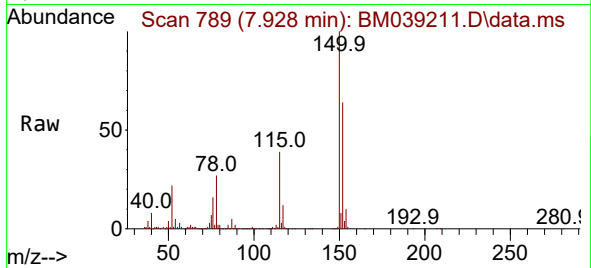




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 789
Delta R.T. -0.000 min
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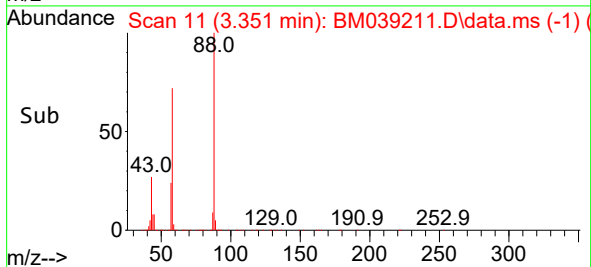
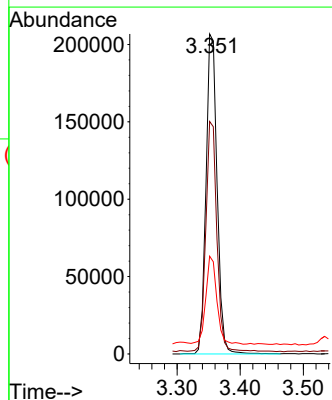
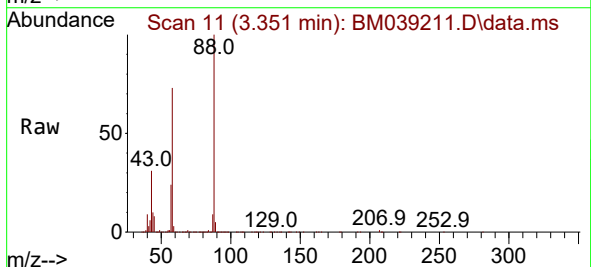
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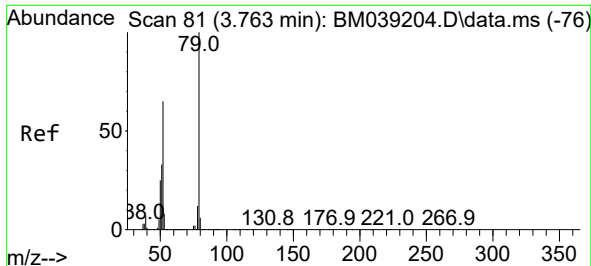
Tgt Ion:152 Resp: 233779
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 60.8 48.1 72.1



#2
1,4-Dioxane
Concen: 39.929 ng
RT: 3.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 88 Resp: 253251
Ion Ratio Lower Upper
88 100
58 71.9 57.9 86.9
43 27.1 21.4 32.2

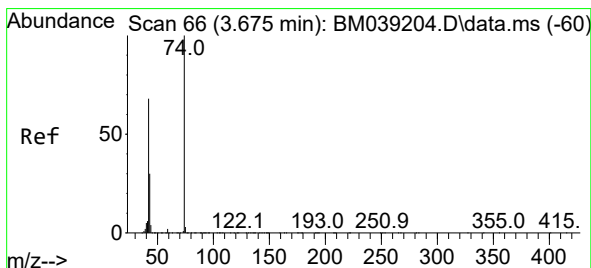
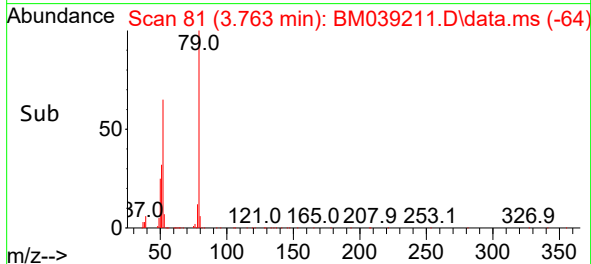
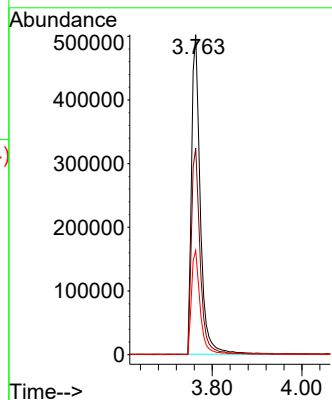
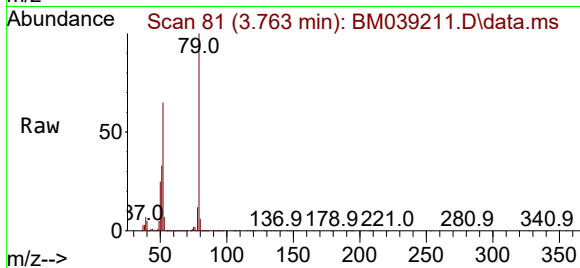




#3
 Pyridine
 Concen: 38.463 ng
 RT: 3.763 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039211.D
 Acq: 29 Mar 2023 19:05

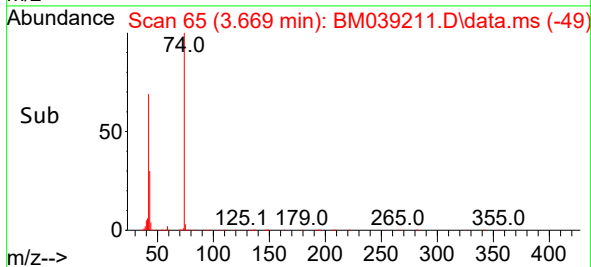
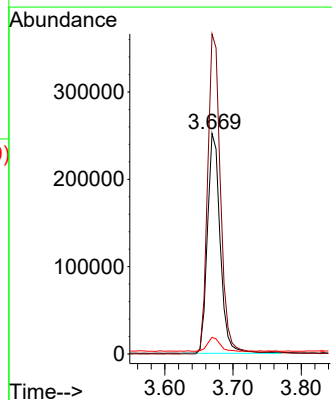
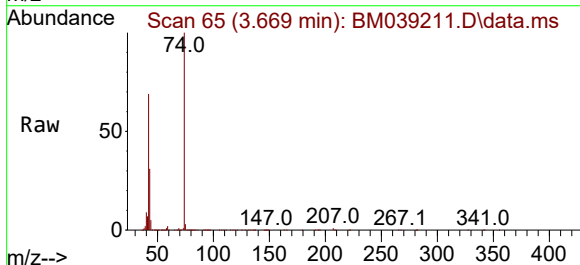
Instrument :
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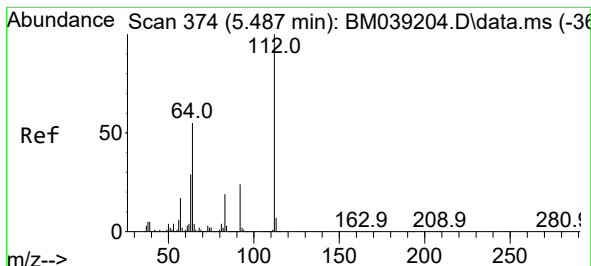
Tgt Ion: 79 Resp: 683423
 Ion Ratio Lower Upper
 79 100
 52 64.6 52.0 78.0
 51 32.5 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 47.024 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039211.D
 Acq: 29 Mar 2023 19:05

Tgt Ion: 42 Resp: 328146
 Ion Ratio Lower Upper
 42 100
 74 145.1 118.1 177.1
 44 7.6 6.3 9.5

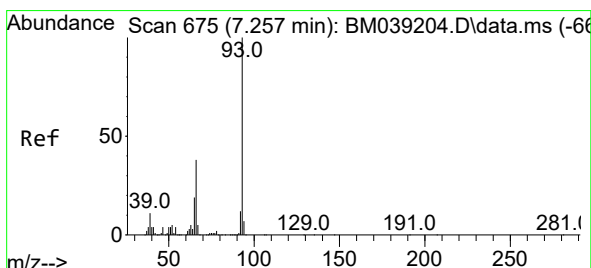
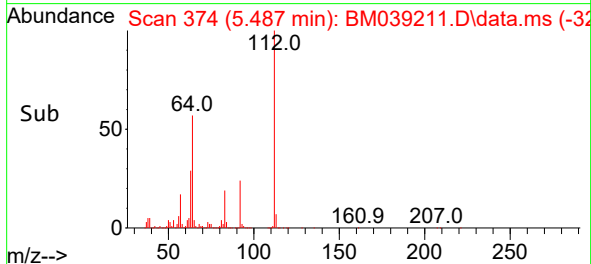
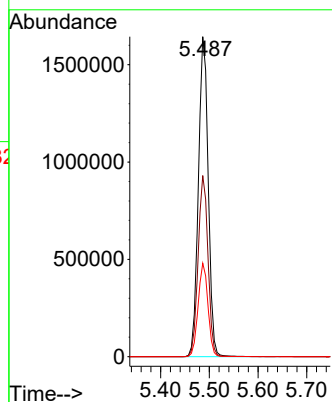
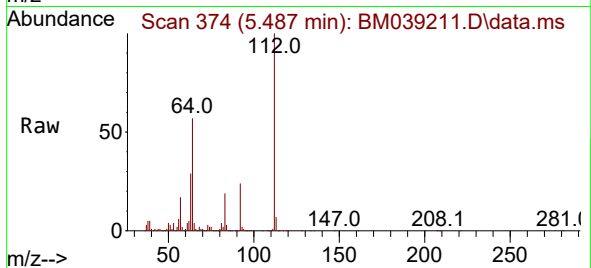




#5
2-Fluorophenol
Concen: 149.678 ng
RT: 5.487 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

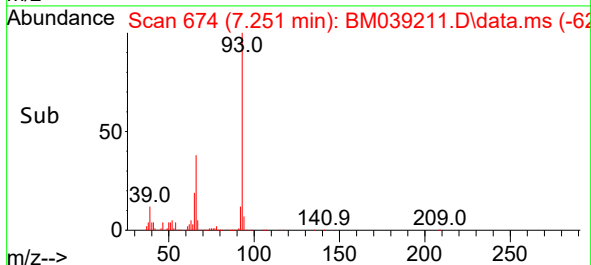
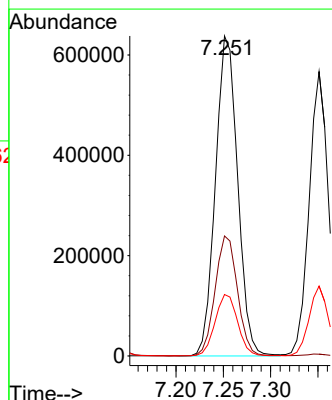
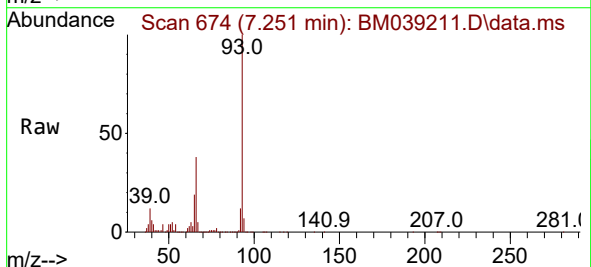
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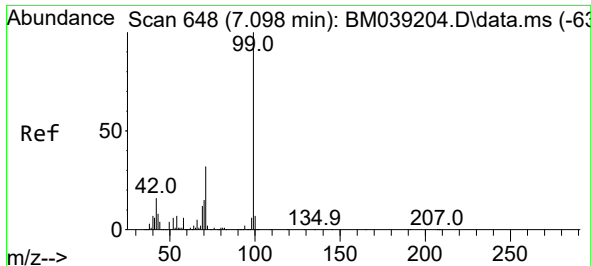
Tgt Ion:112 Resp: 2322552
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.2 23.0 34.6



#6
Aniline
Concen: 41.921 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 93 Resp: 1041316
Ion Ratio Lower Upper
93 100
66 37.5 30.1 45.1
65 19.2 15.5 23.3



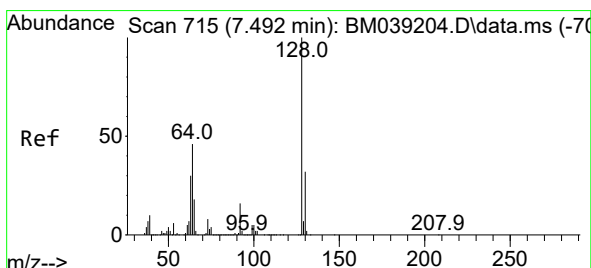
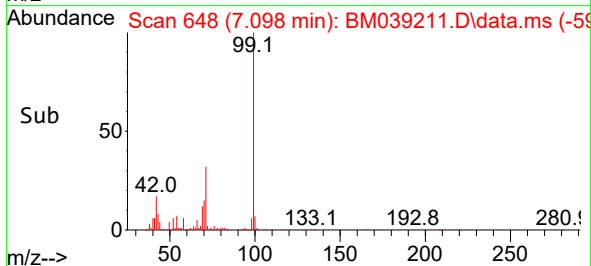
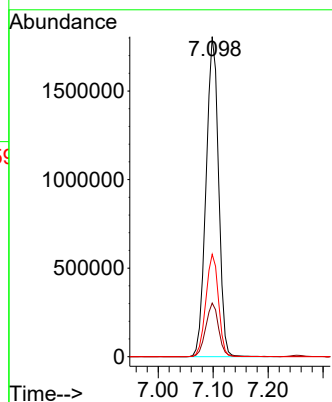
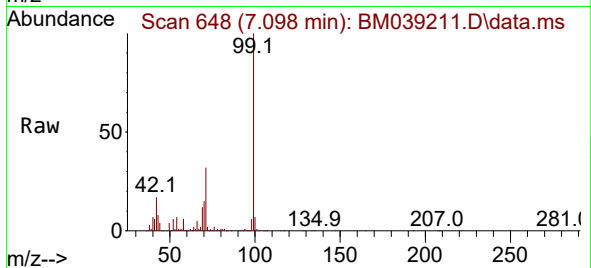


#7
Phenol-d6
Concen: 142.198 ng
RT: 7.098 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Instrument :
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ClientSampleId :
PB151670BS

Tgt Ion: 99 Resp: 2853911

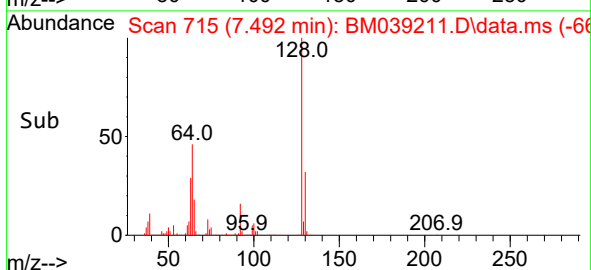
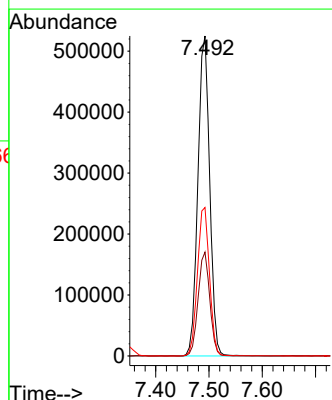
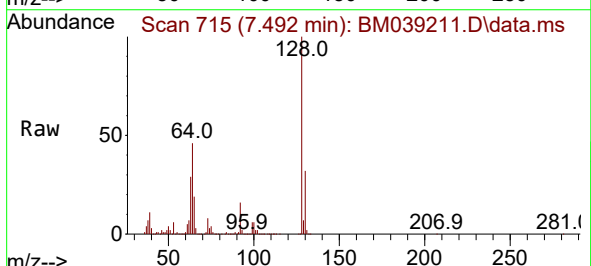
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.6
71	32.0	25.5	38.3

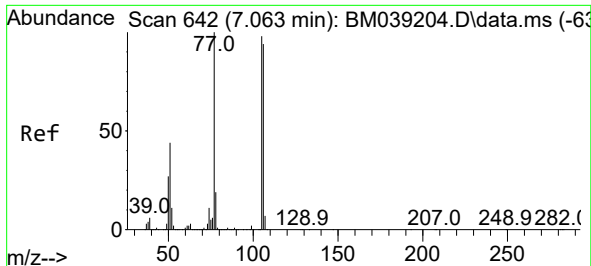


#8
2-Chlorophenol
Concen: 50.869 ng
RT: 7.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:128 Resp: 807899

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	46.4	25.9	65.9

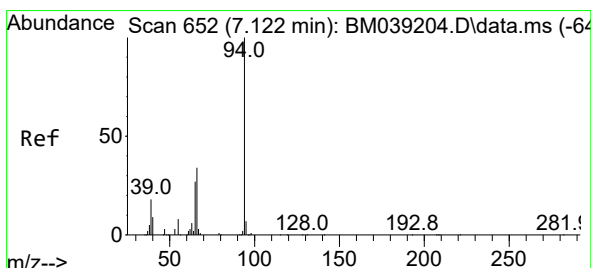
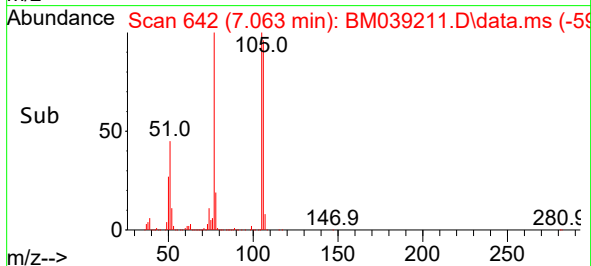
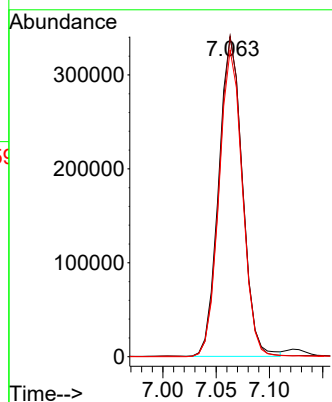
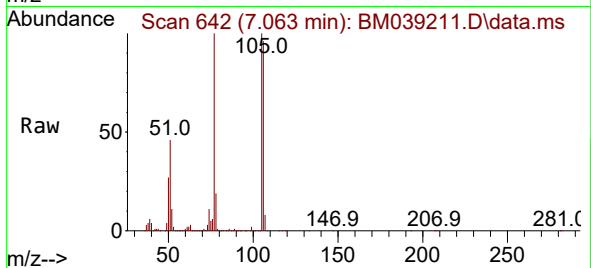




#9
Benzaldehyde
Concen: 46.040 ng
RT: 7.063 min Scan# 642
Delta R.T. -0.000 min
Lab File: BM039211.D
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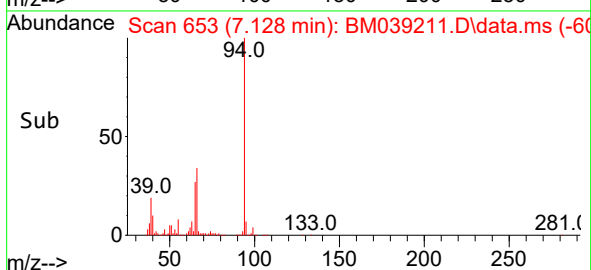
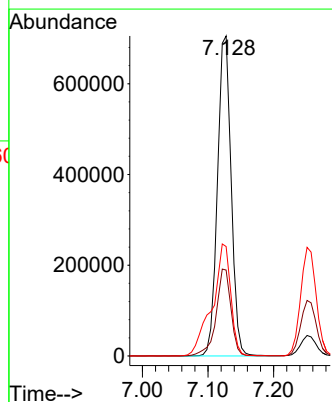
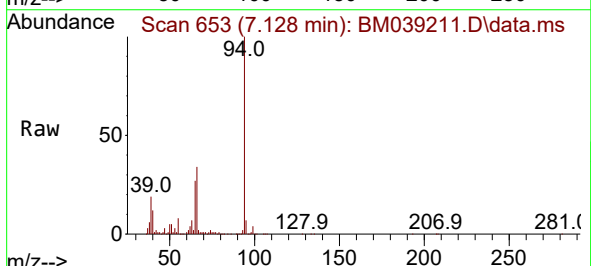
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ClientSampleId :
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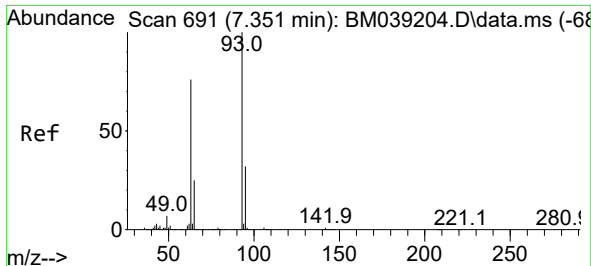
Tgt Ion: 77 Resp: 526224
Ion Ratio Lower Upper
77 100
105 100.0 78.2 118.2
106 95.8 73.8 113.8



#10
Phenol
Concen: 50.655 ng
RT: 7.128 min Scan# 653
Delta R.T. 0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 94 Resp: 1018829
Ion Ratio Lower Upper
94 100
65 26.9 7.2 47.2
66 34.2 15.2 55.2

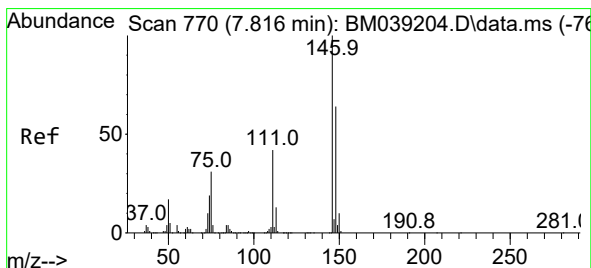
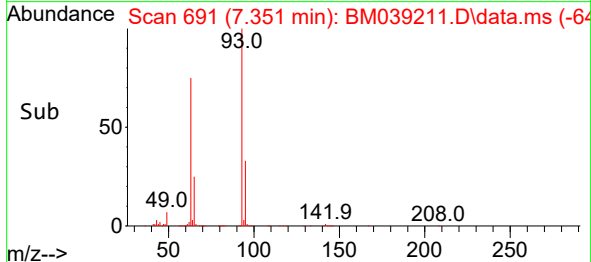
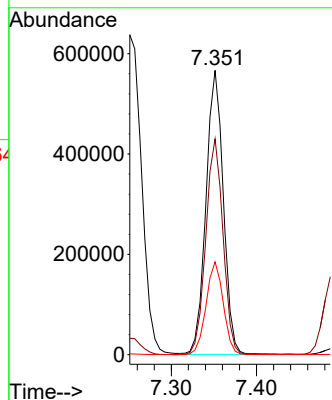
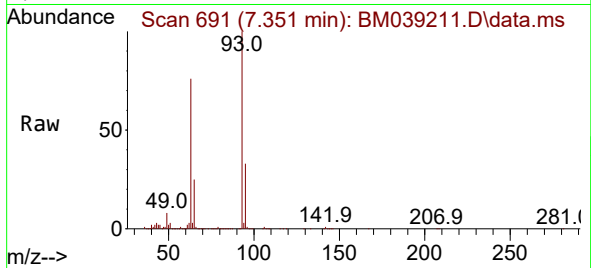




#11
bis(2-Chloroethyl)ether
Concen: 49.568 ng
RT: 7.351 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

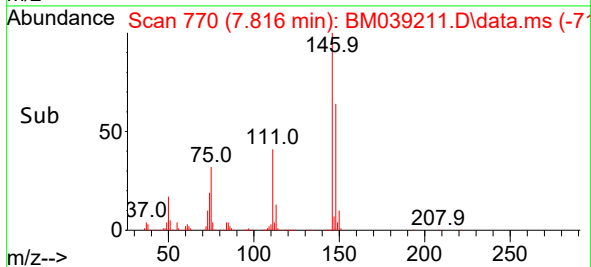
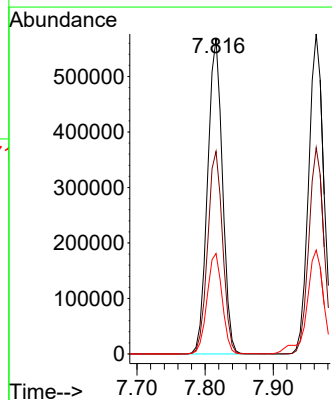
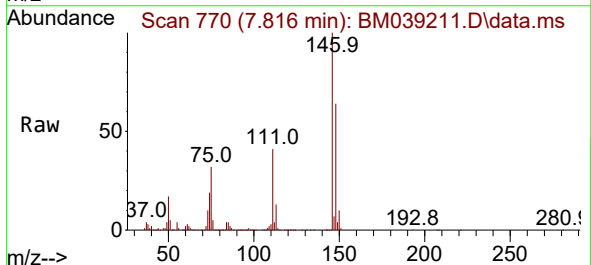
Instrument :
BNA_M
ClientSampleId :
PB151670BS

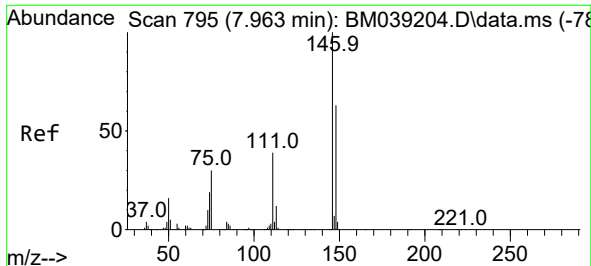
Tgt Ion: 93 Resp: 802041
Ion Ratio Lower Upper
93 100
63 75.9 55.5 95.5
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 51.256 ng
RT: 7.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 146 Resp: 863292
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 31.9 25.2 37.8

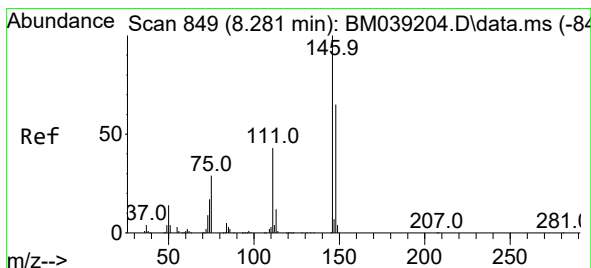
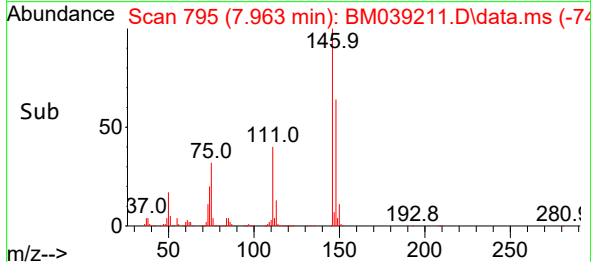
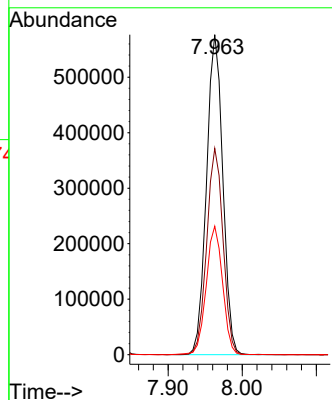
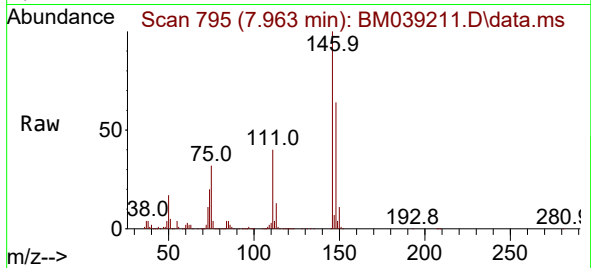




#13
1,4-Dichlorobenzene
Concen: 51.667 ng
RT: 7.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

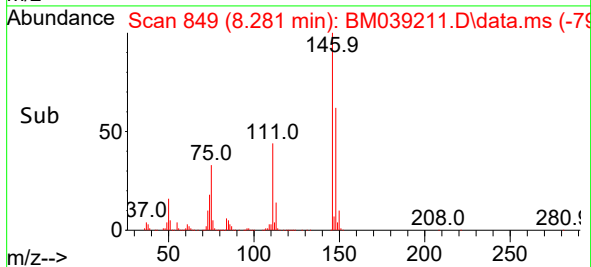
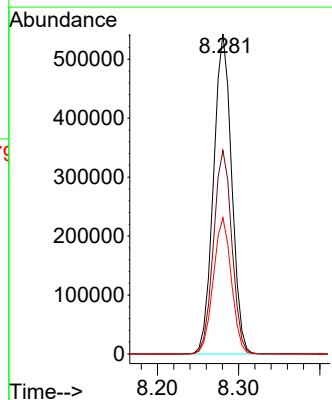
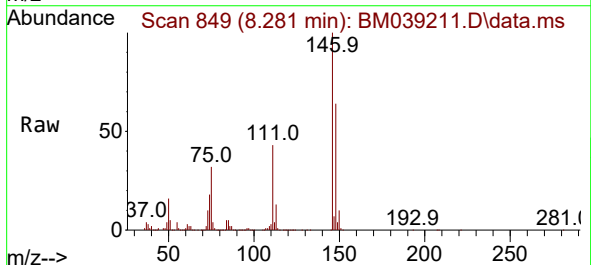
Instrument :
BNA_M
ClientSampleId :
PB151670BS

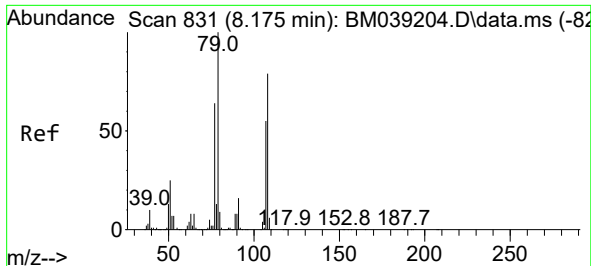
Tgt Ion:146 Resp: 879924
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 51.847 ng
RT: 8.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:146 Resp: 844323
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
111 42.6 34.5 51.7

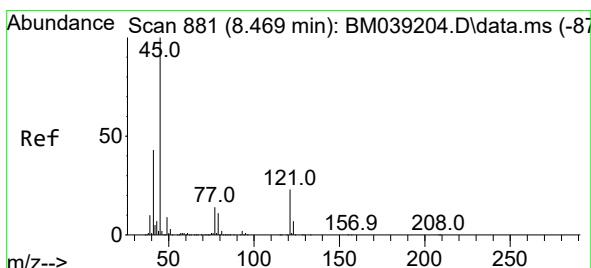
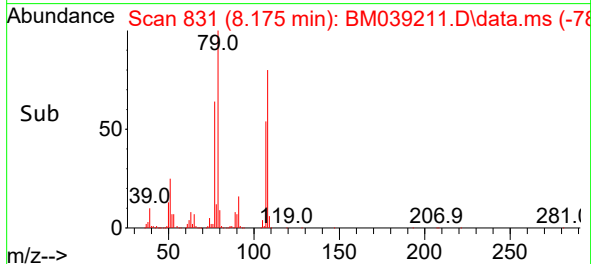
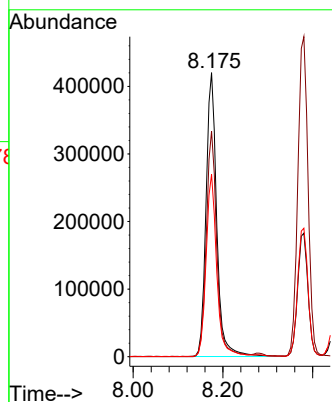
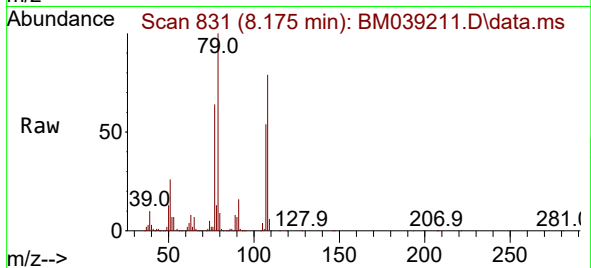




#15
Benzyl Alcohol
Concen: 50.214 ng
RT: 8.175 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

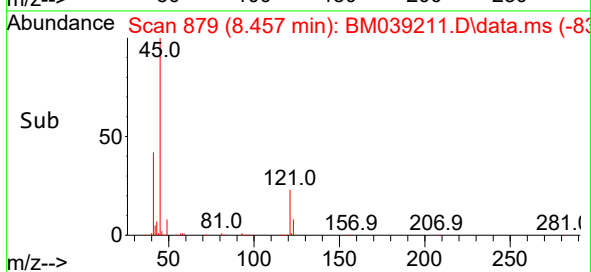
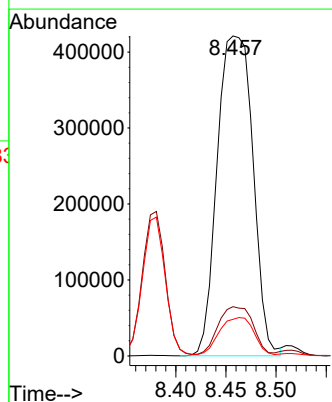
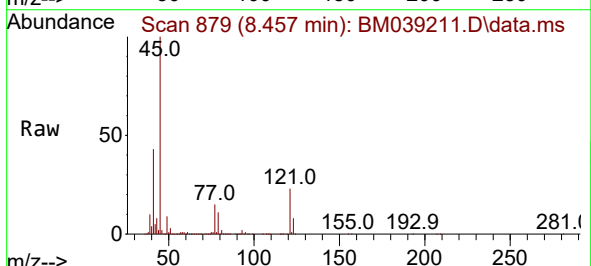
Instrument :
BNA_M
ClientSampleId :
PB151670BS

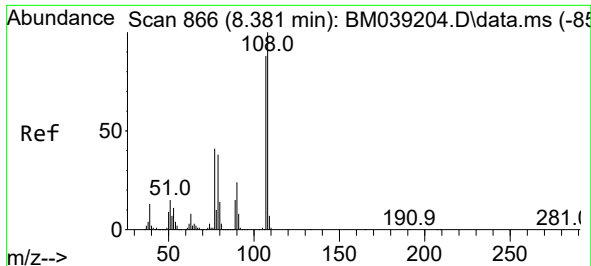
Tgt Ion: 79 Resp: 693160
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 64.3 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.381 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 45 Resp: 1042687
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.4 0.0 32.2

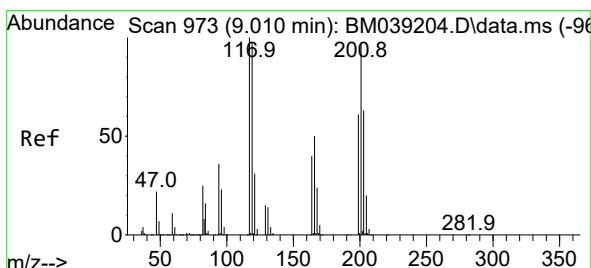
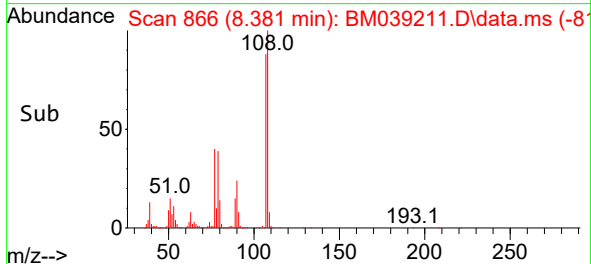
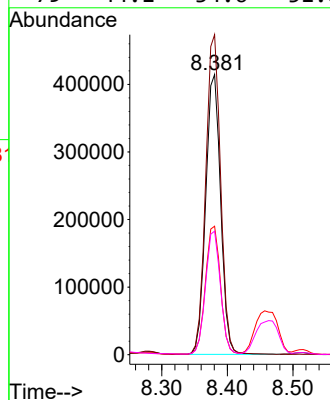
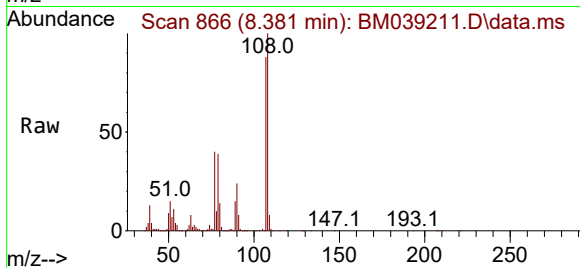




#17
2-Methylphenol
Concen: 46.690 ng
RT: 8.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

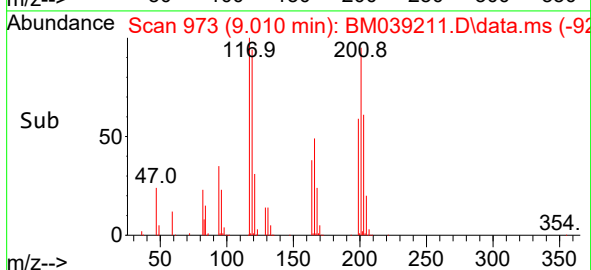
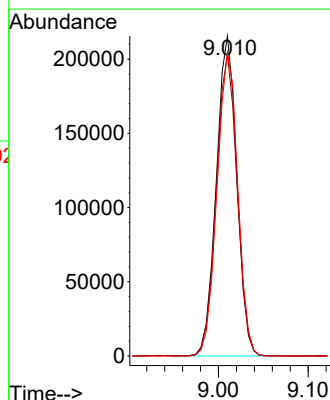
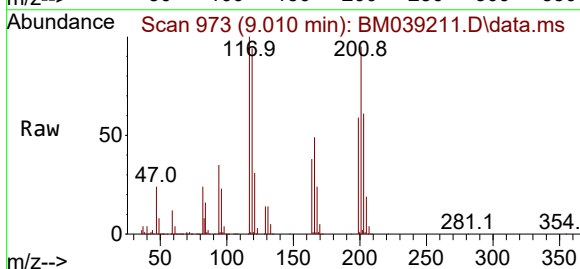
Instrument :
BNA_M
ClientSampleId :
PB151670BS

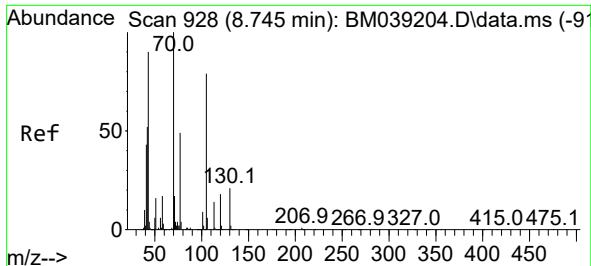
Tgt Ion:	107	Resp:	657015
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.6	136.0
77	45.9	37.0	55.4
79	44.1	34.6	51.8



#18
Hexachloroethane
Concen: 51.985 ng
RT: 9.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:	117	Resp:	342468
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.8	116.8
201	94.9	77.3	115.9

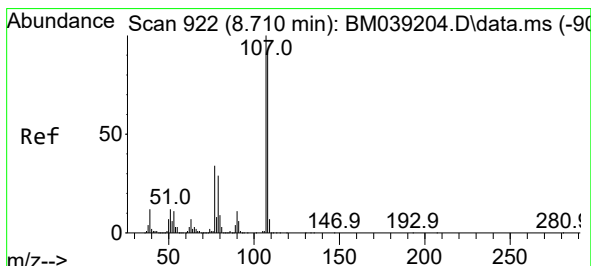
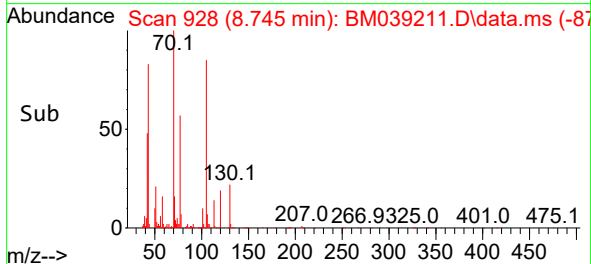
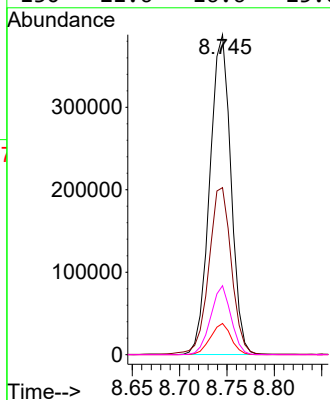
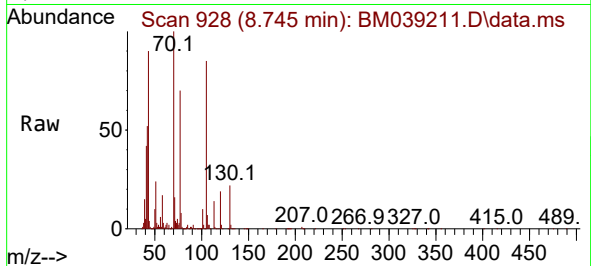




#19
n-Nitroso-di-n-propylamine
Concen: 46.807 ng
RT: 8.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

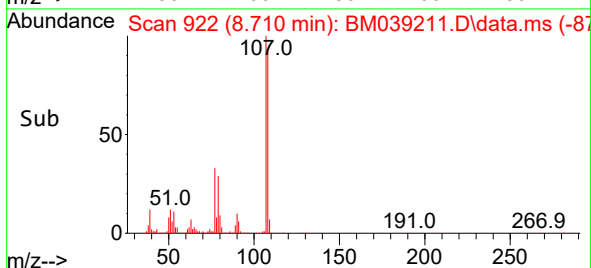
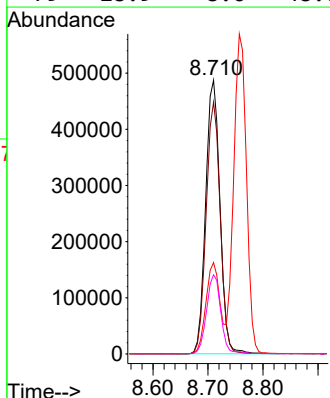
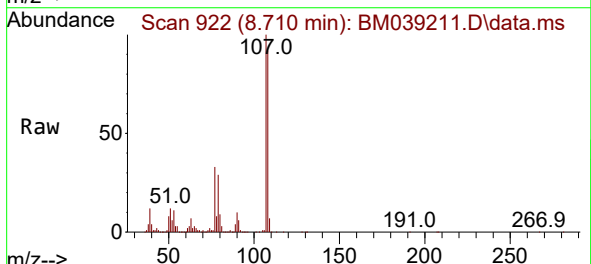
Instrument :
BNA_M
ClientSampleId :
PB151670BS

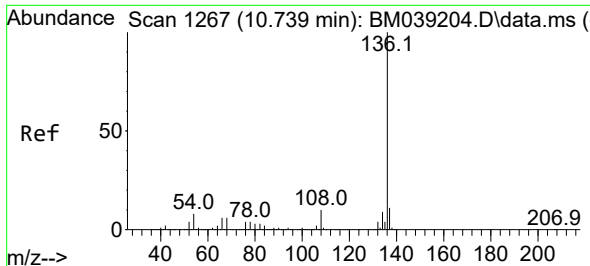
Tgt Ion: 70 Resp: 600515
Ion Ratio Lower Upper
70 100
42 52.2 42.2 63.2
101 9.8 7.6 11.4
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 46.495 ng
RT: 8.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 107 Resp: 879167
Ion Ratio Lower Upper
107 100
108 92.0 72.1 112.1
77 33.4 13.7 53.7
79 28.9 8.6 48.6

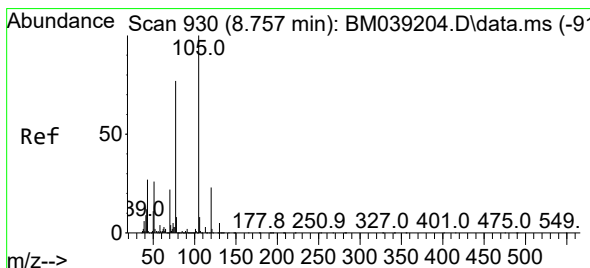
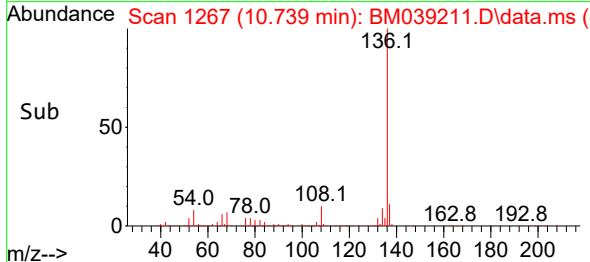
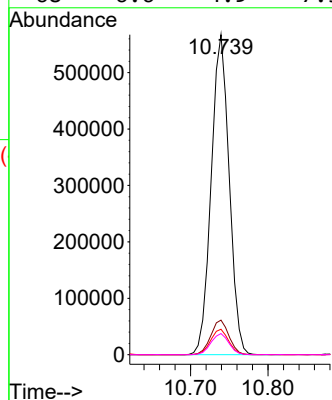
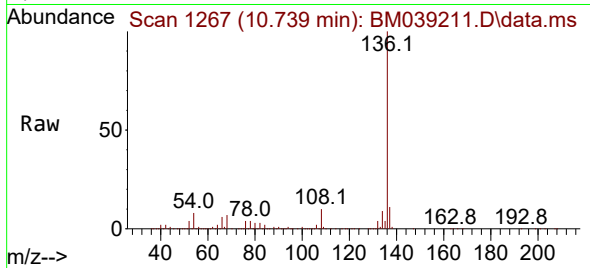




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

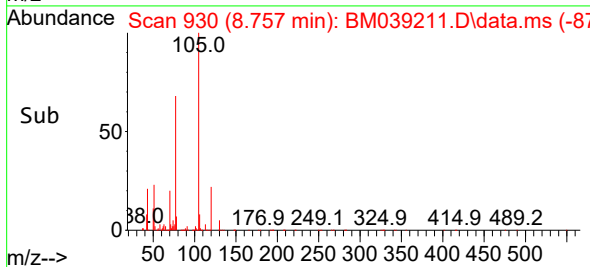
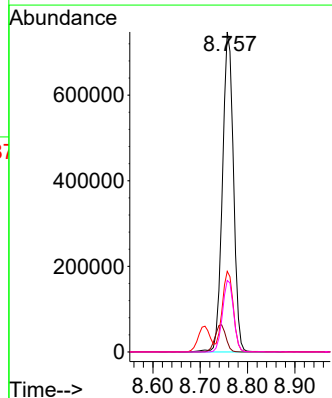
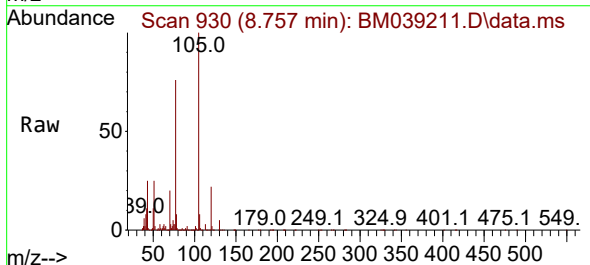
Instrument :
BNA_M
ClientSampleId :
PB151670BS

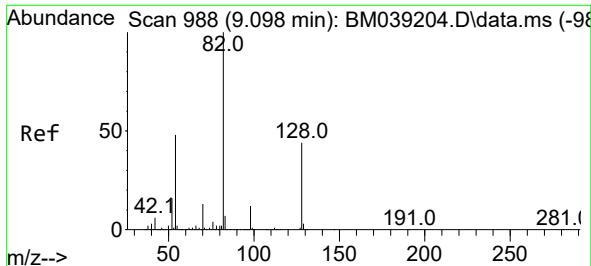
Tgt Ion	136	Resp: Lower	914267 Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.2	9.4
68	6.6	4.9	7.3



#22
Acetophenone
Concen: 49.333 ng
RT: 8.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:105	Resp: 1205951		
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.8	4.2
51	25.2	20.6	31.0
120	22.3	18.0	27.0



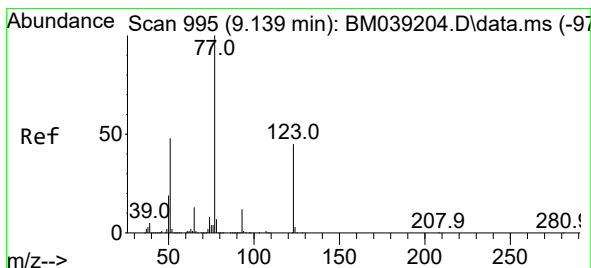
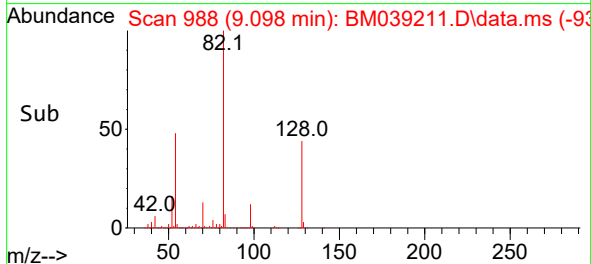
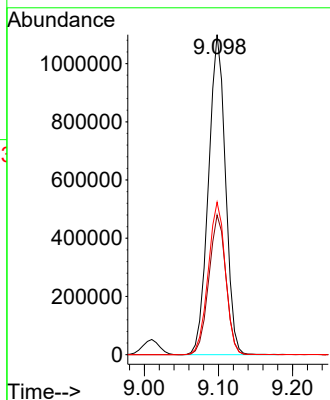
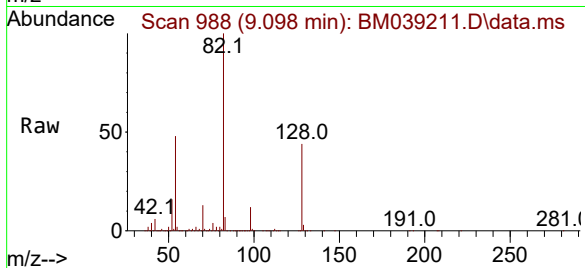


#23
Nitrobenzene-d5
Concen: 92.981 ng
RT: 9.098 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Instrument :
BNA_M
ClientSampleId :
PB151670BS

Tgt Ion: 82 Resp: 1749078

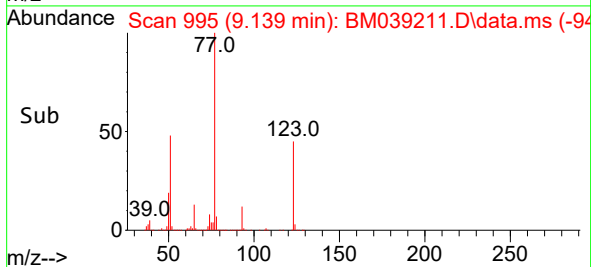
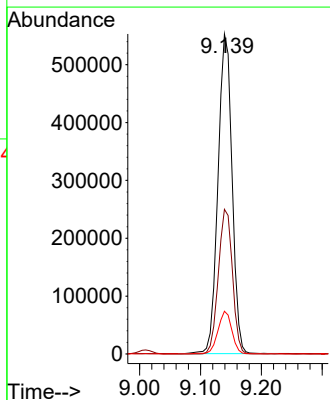
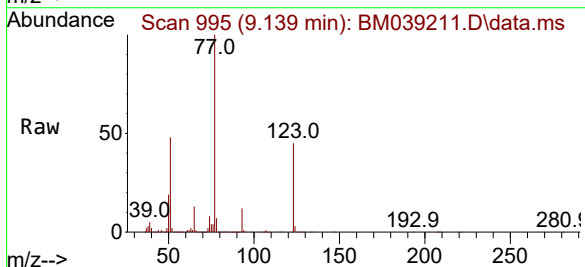
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.1	52.7
54	47.7	38.5	57.7

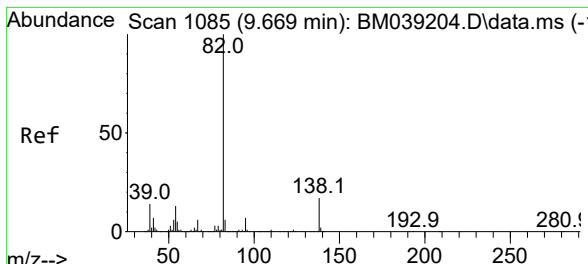


#24
Nitrobenzene
Concen: 47.353 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 77 Resp: 886008

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.2	54.2
65	13.4	10.6	15.8

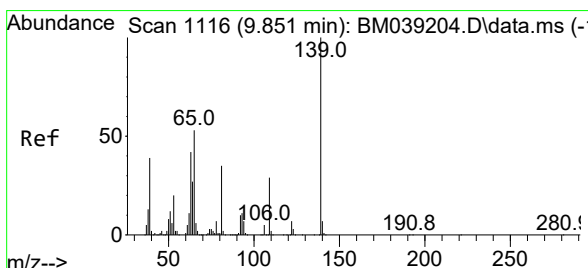
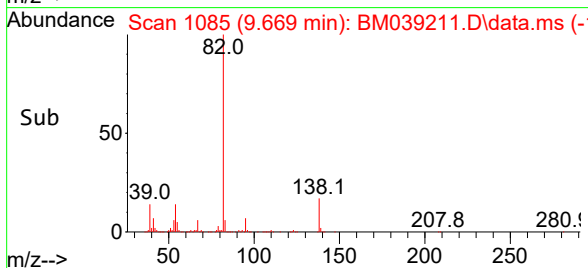
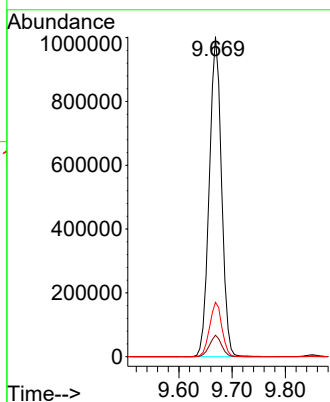
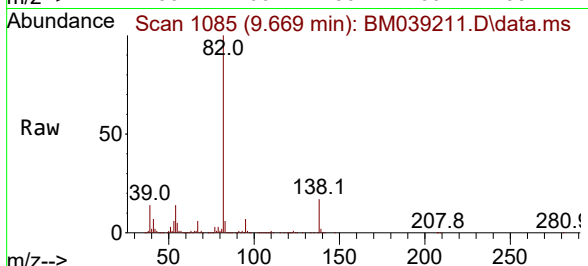




#25
Isophorone
Concen: 45.547 ng
RT: 9.669 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

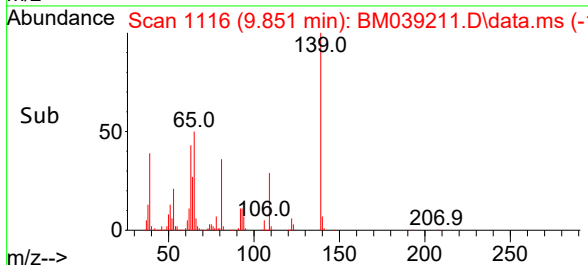
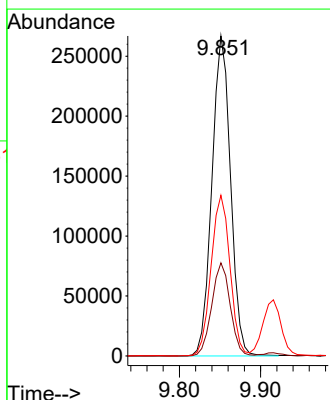
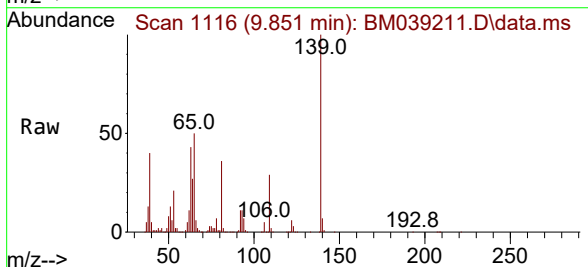
Instrument :
BNA_M
ClientSampleId :
PB151670BS

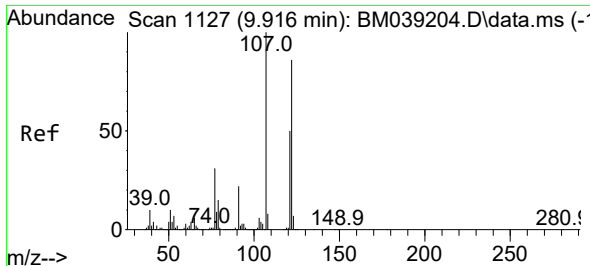
Tgt Ion: 82 Resp: 1598408
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 49.222 ng
RT: 9.851 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 139 Resp: 425735
Ion Ratio Lower Upper
139 100
109 29.1 23.4 35.0
65 50.2 42.2 63.2

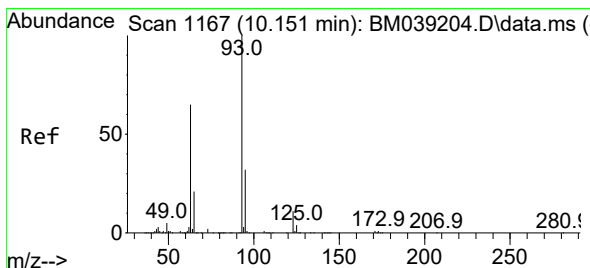
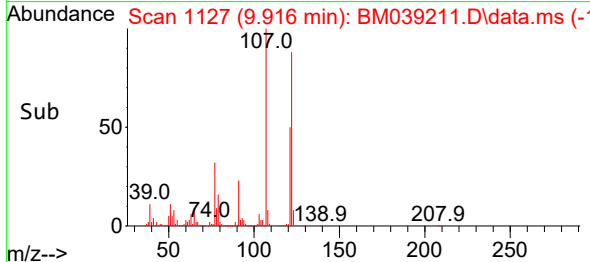
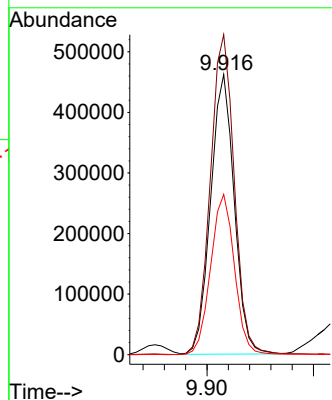
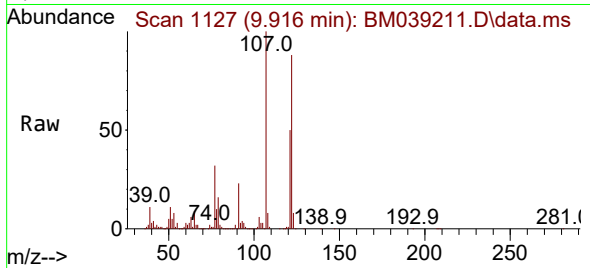




#27
2,4-Dimethylphenol
Concen: 49.553 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

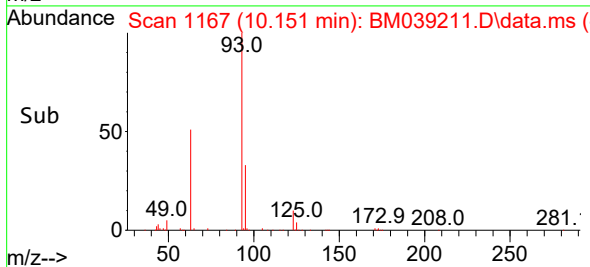
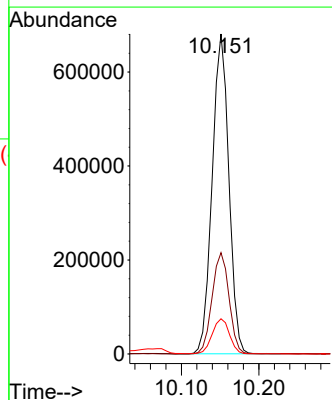
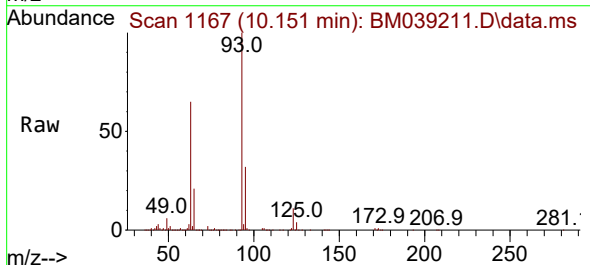
Instrument :
BNA_M
ClientSampleId :
PB151670BS

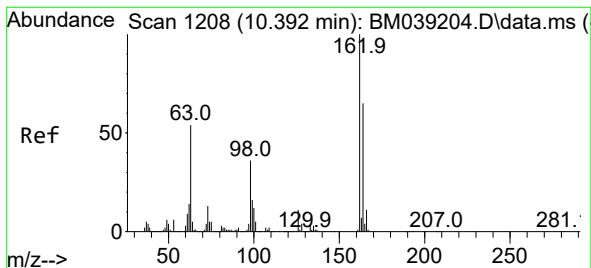
Tgt Ion:122 Resp: 712121
Ion Ratio Lower Upper
122 100
107 114.2 92.3 138.5
121 57.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 47.834 ng
RT: 10.151 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 93 Resp: 1016171
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.8
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.453 ng

RT: 10.386 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

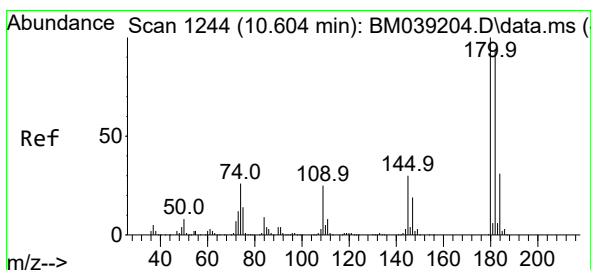
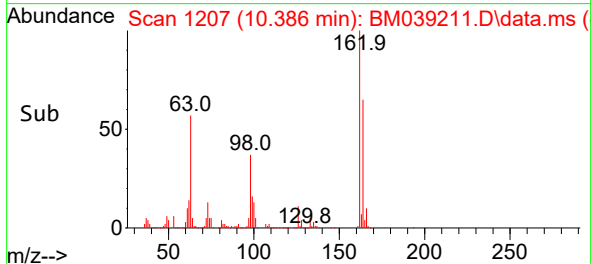
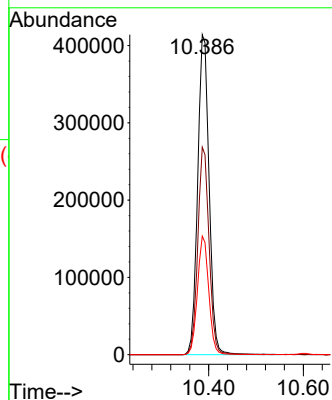
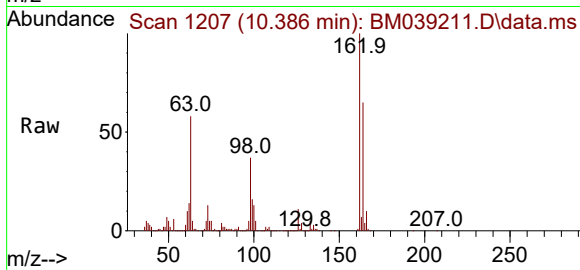
Tgt Ion:162 Resp: 693393

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

98 37.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 49.791 ng

RT: 10.604 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

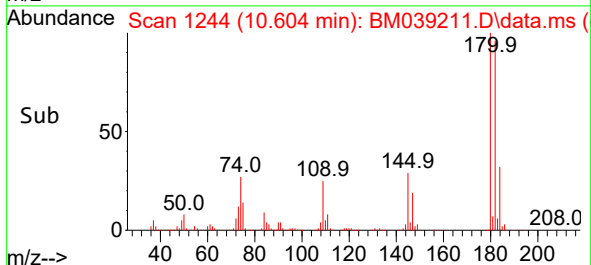
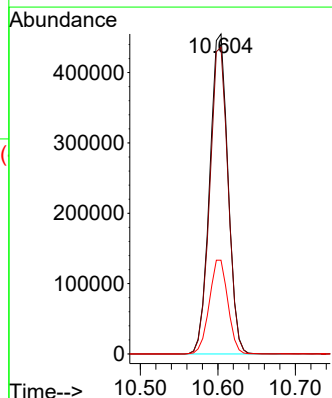
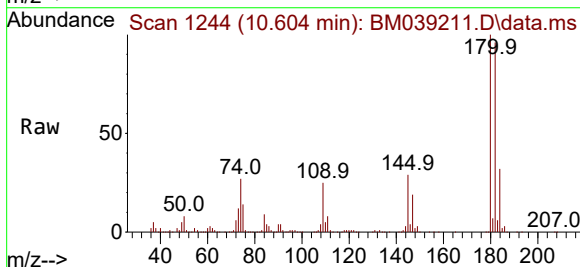
Tgt Ion:180 Resp: 746889

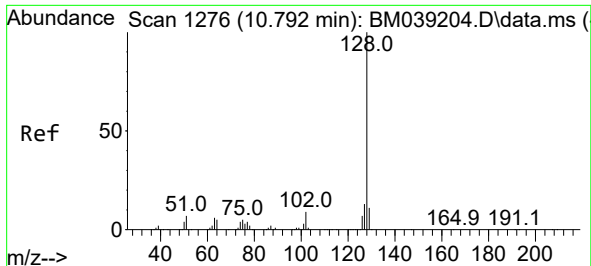
Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

145 29.3 23.9 35.9

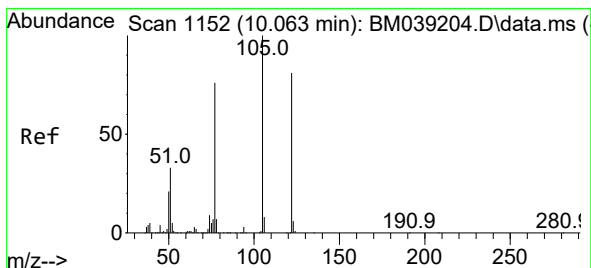
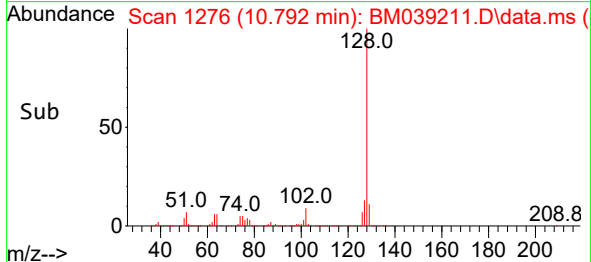
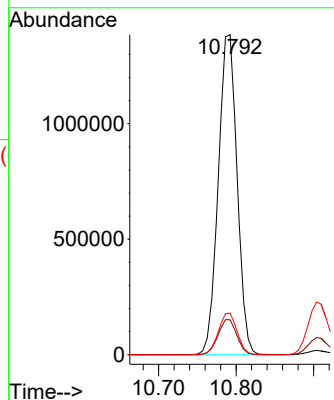
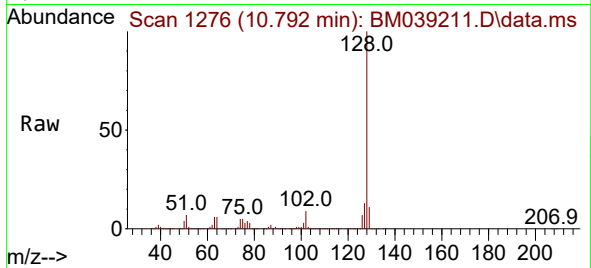




#31
Naphthalene
Concen: 47.493 ng
RT: 10.792 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

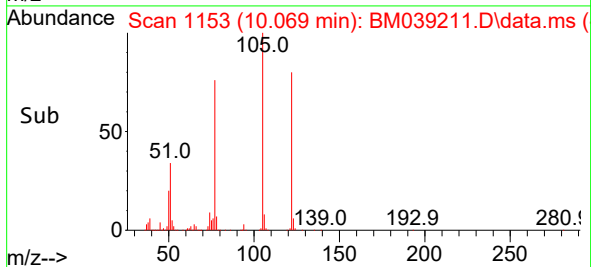
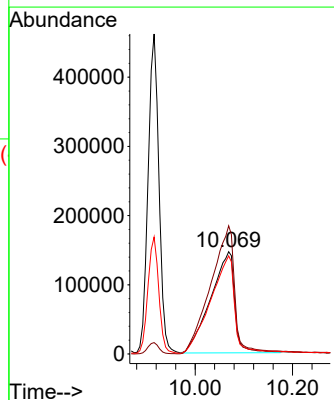
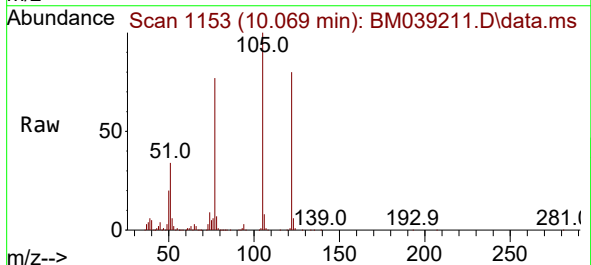
Instrument :
BNA_M
ClientSampleId :
PB151670BS

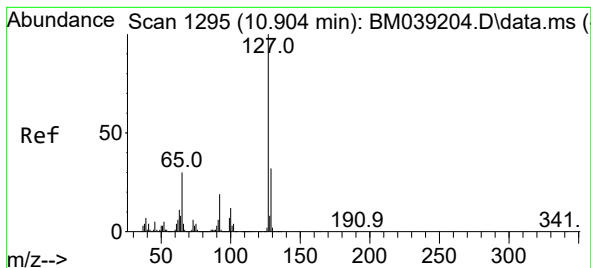
Tgt Ion:128 Resp: 2339707
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 45.093 ng
RT: 10.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:122 Resp: 505067
Ion Ratio Lower Upper
122 100
105 125.3 103.1 143.1
77 95.9 74.6 114.6





#33

4-Chloroaniline

Concen: 20.151 ng

RT: 10.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

Tgt Ion:127 Resp: 434914

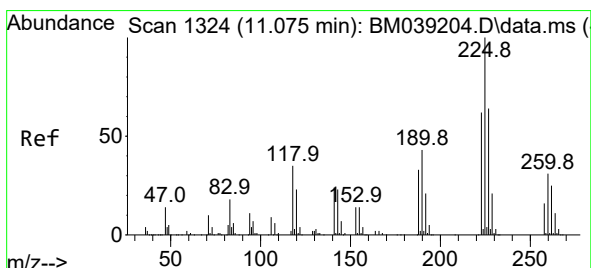
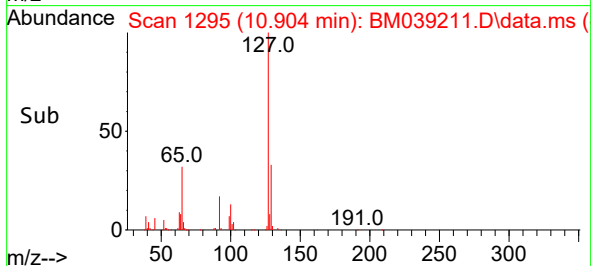
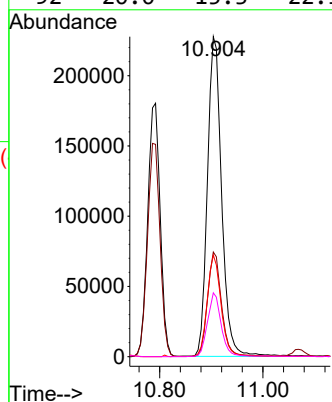
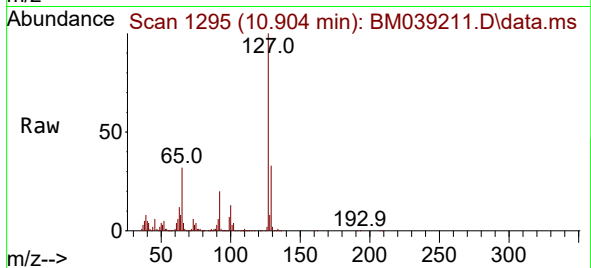
Ion Ratio Lower Upper

127 100

129 32.7 25.7 38.5

65 31.8 24.1 36.1

92 20.0 15.3 22.9



#34

Hexachlorobutadiene

Concen: 49.713 ng

RT: 11.069 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

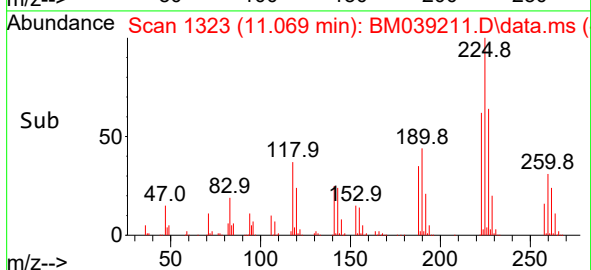
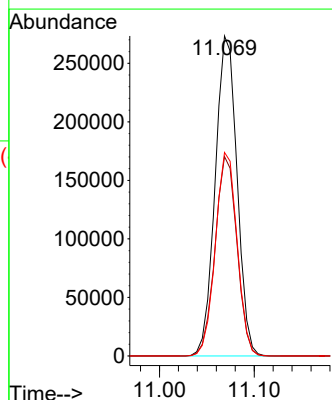
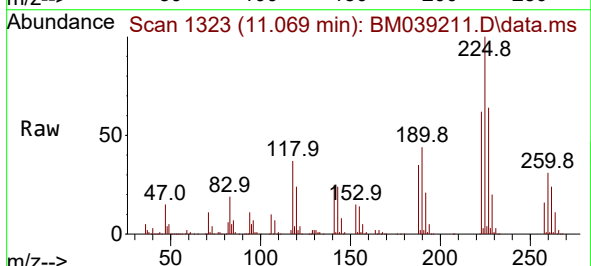
Tgt Ion:225 Resp: 438492

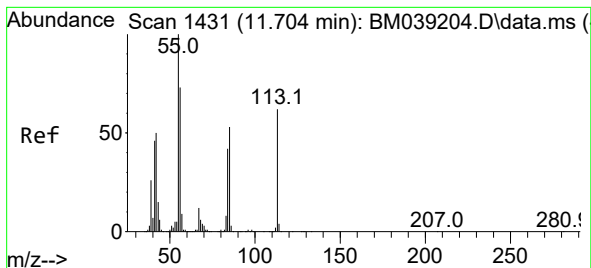
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.6

227 63.6 51.6 77.4

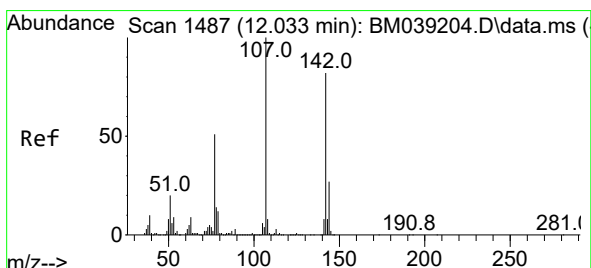
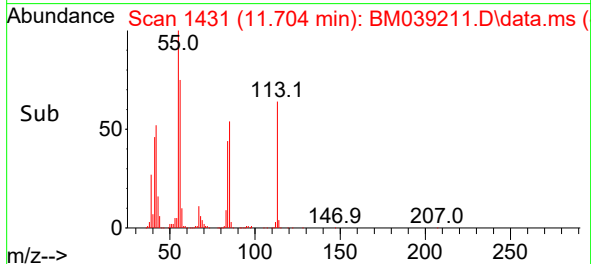
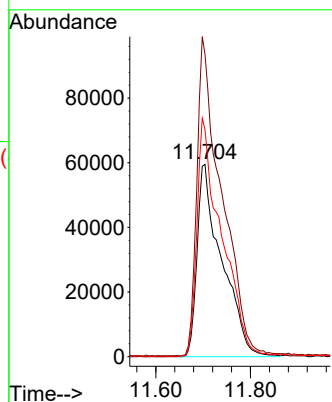
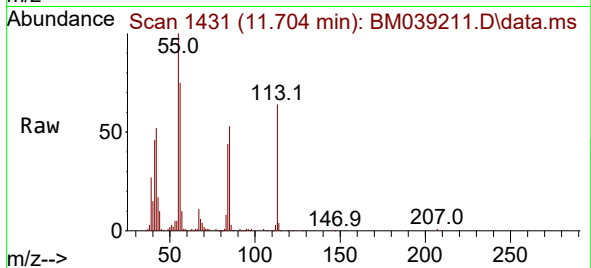




#35
Caprolactam
Concen: 44.145 ng
RT: 11.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

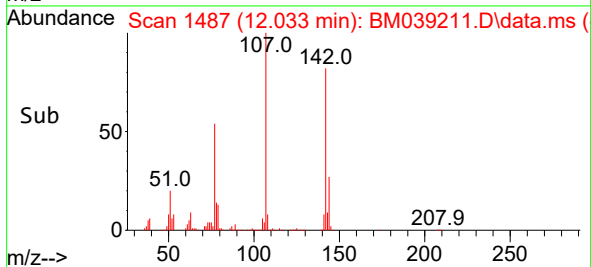
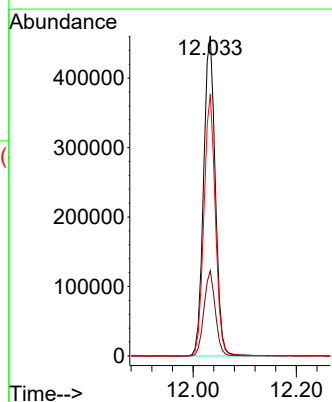
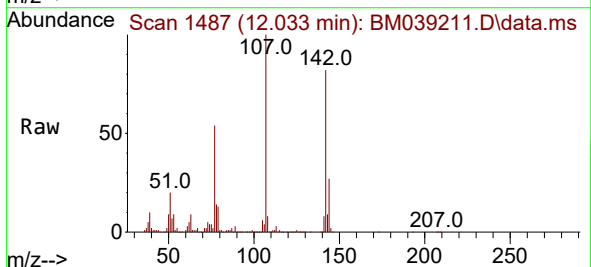
Instrument :
BNA_M
ClientSampleId :
PB151670BS

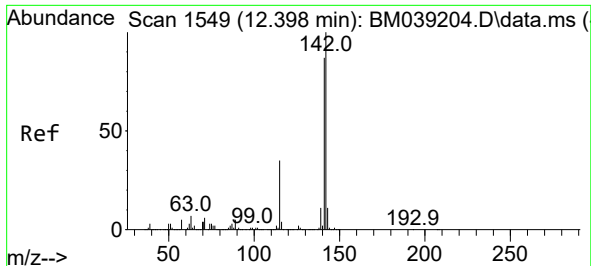
Tgt Ion:113 Resp: 214919
Ion Ratio Lower Upper
113 100
55 157.2 141.8 181.8
56 118.1 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 46.791 ng
RT: 12.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:107 Resp: 723853
Ion Ratio Lower Upper
107 100
144 26.6 21.4 32.2
142 81.9 65.2 97.8

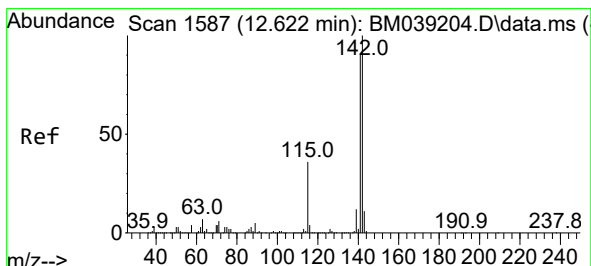
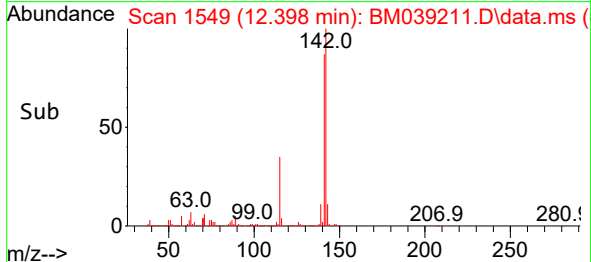
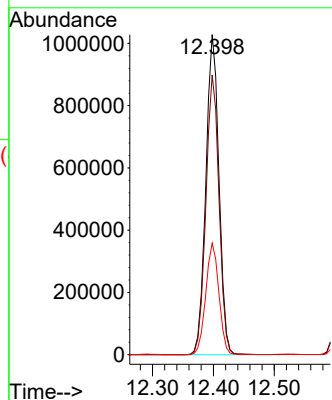
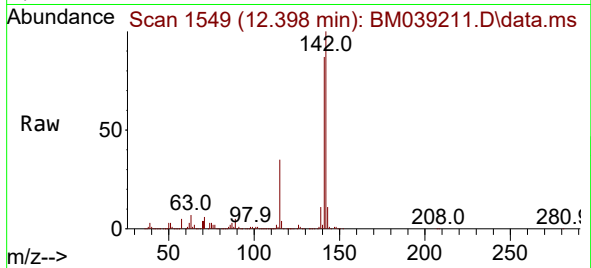




#37
2-Methylnaphthalene
Concen: 44.819 ng
RT: 12.398 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

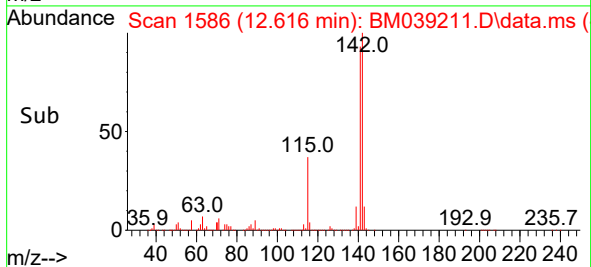
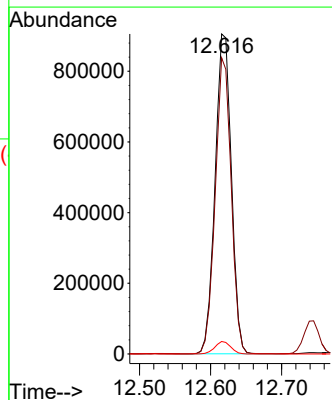
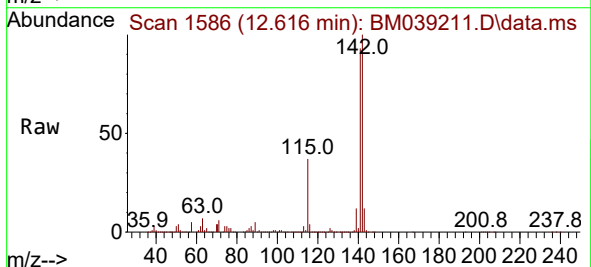
Instrument :
BNA_M
ClientSampleId :
PB151670BS

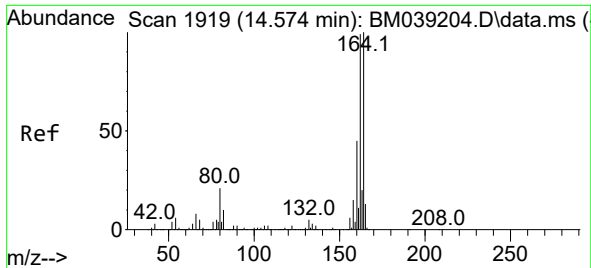
Tgt Ion:142 Resp: 1537062
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.8
115 34.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 44.715 ng
RT: 12.616 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:142 Resp: 1435889
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8
116 3.9 3.0 4.4

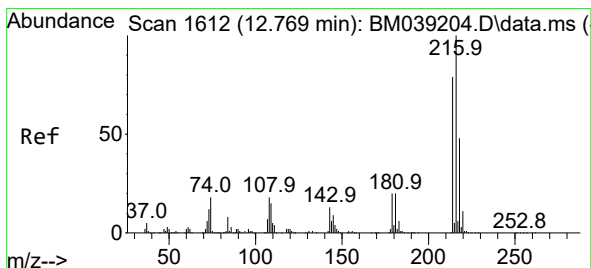
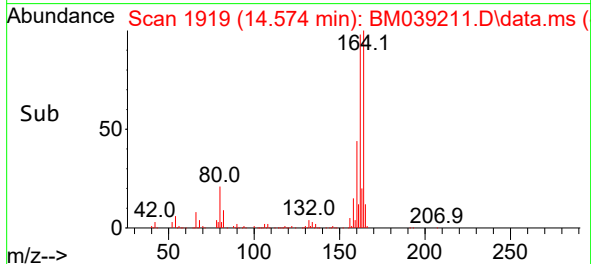
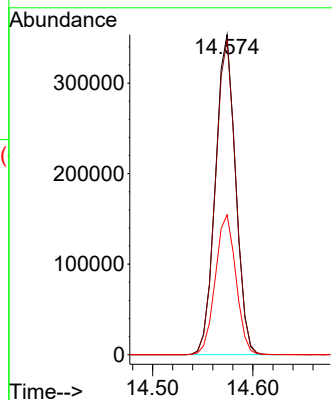
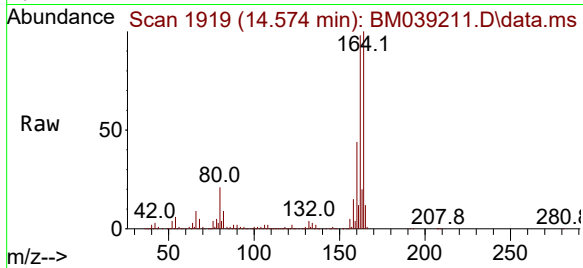




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

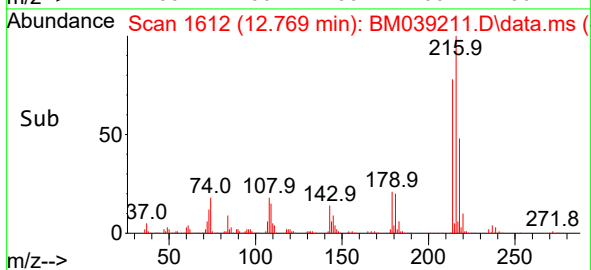
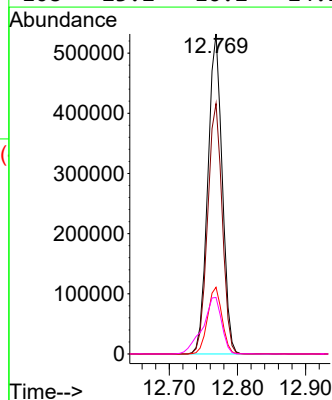
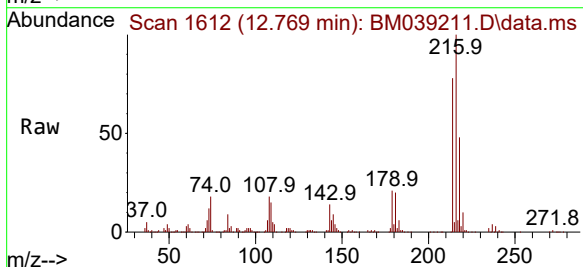
Instrument :
BNA_M
ClientSampleId :
PB151670BS

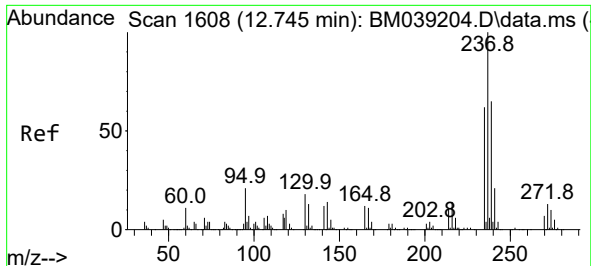
Tgt Ion:164 Resp: 492622
Ion Ratio Lower Upper
164 100
162 98.3 79.1 118.7
160 43.7 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.118 ng
RT: 12.769 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:216 Resp: 781692
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 20.8 16.8 25.2
108 23.2 16.2 24.2

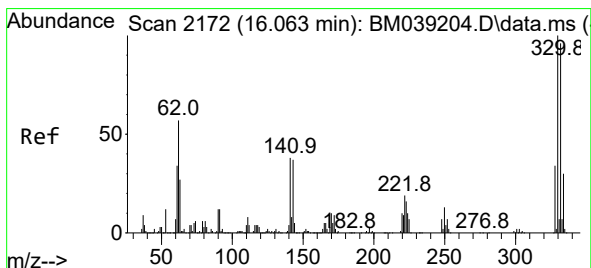
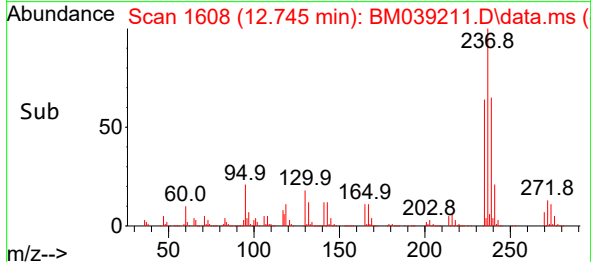
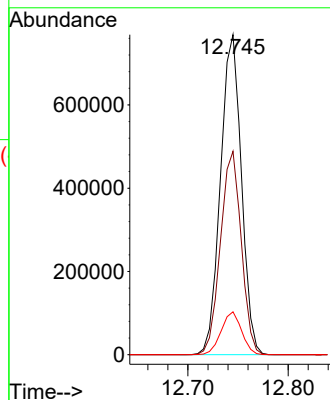
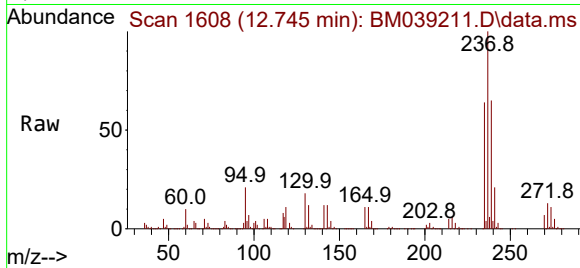




#41
Hexachlorocyclopentadiene
Concen: 135.487 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

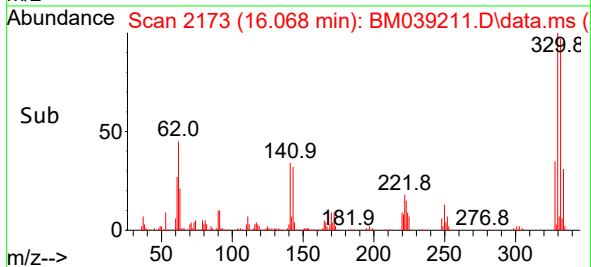
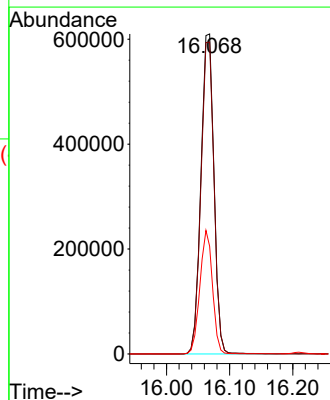
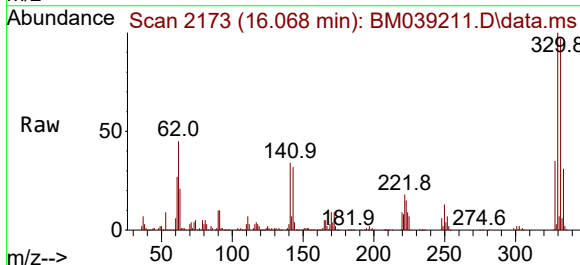
Instrument :
BNA_M
ClientSampleId :
PB151670BS

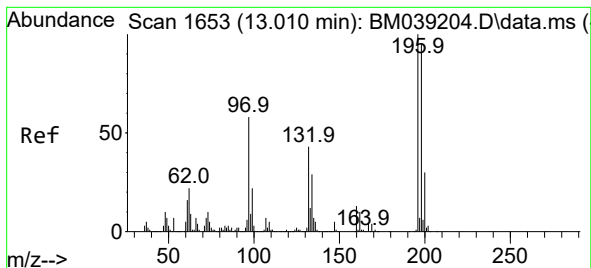
Tgt Ion:237 Resp: 1110166
Ion Ratio Lower Upper
237 100
235 63.5 41.6 81.6
272 13.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 139.712 ng
RT: 16.068 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:330 Resp: 873669
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 50.718 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

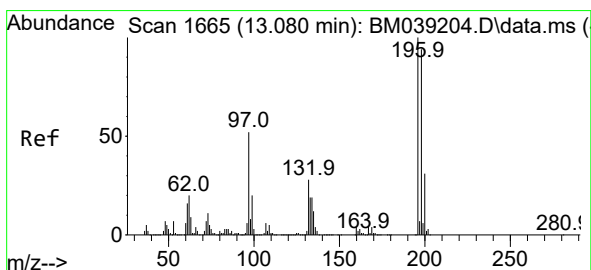
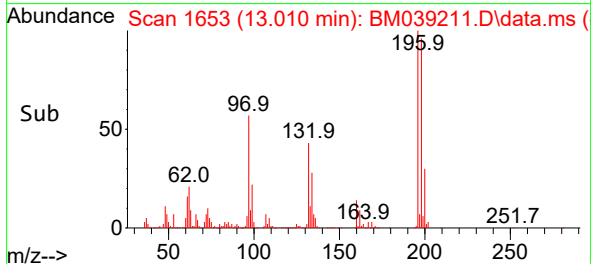
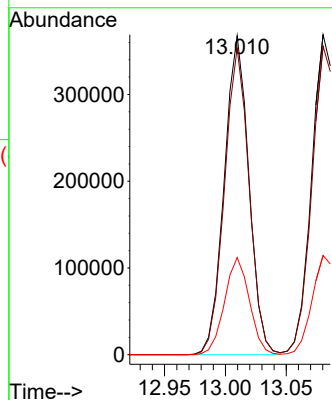
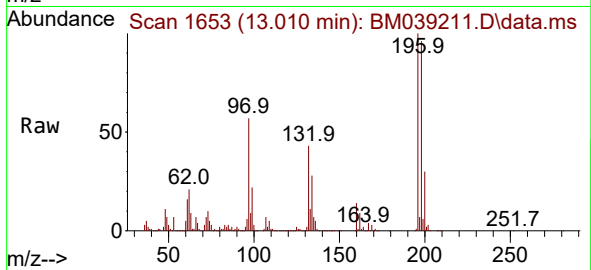
Tgt Ion:196 Resp: 518780

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 30.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 46.529 ng

RT: 13.080 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Tgt Ion:196 Resp: 557950

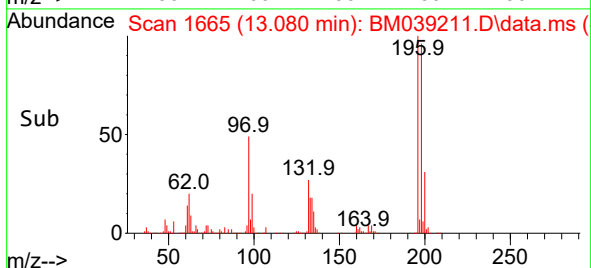
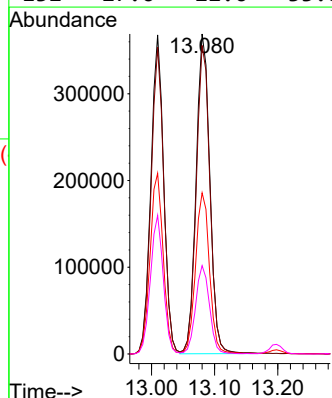
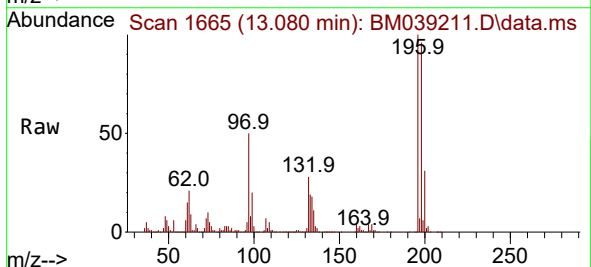
Ion Ratio Lower Upper

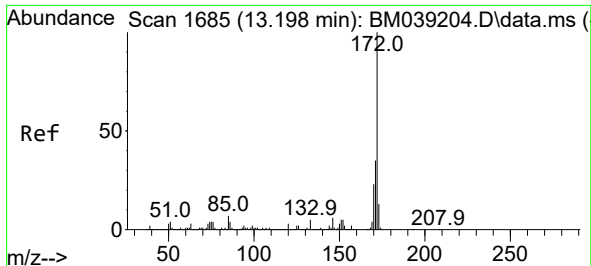
196 100

198 96.4 75.2 112.8

97 50.4 41.4 62.0

132 27.6 22.6 33.8

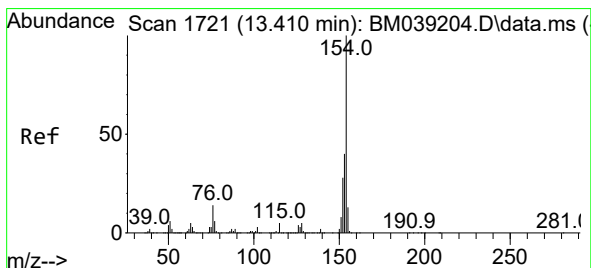
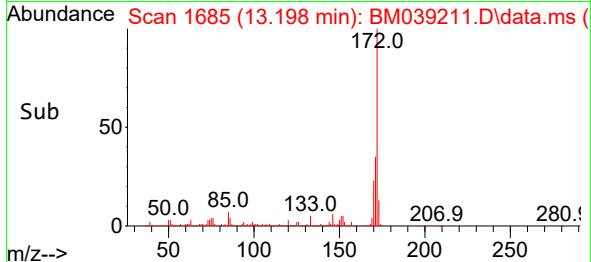
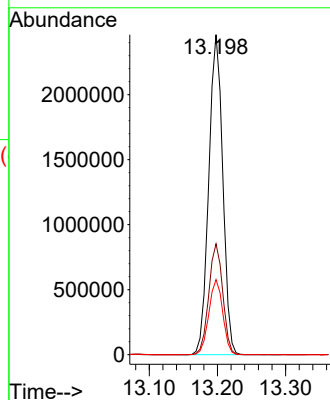
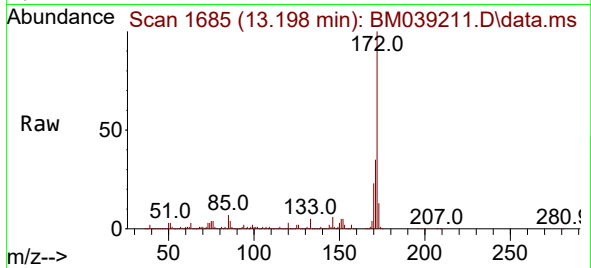




#45
2-Fluorobiphenyl
Concen: 96.646 ng
RT: 13.198 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

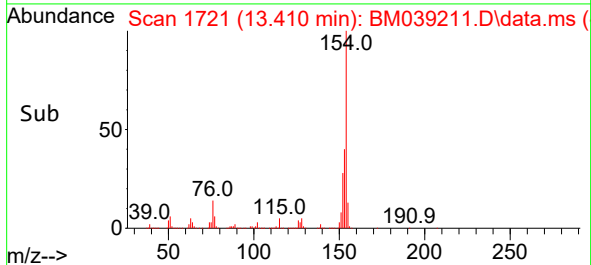
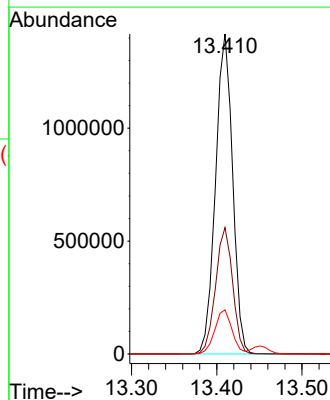
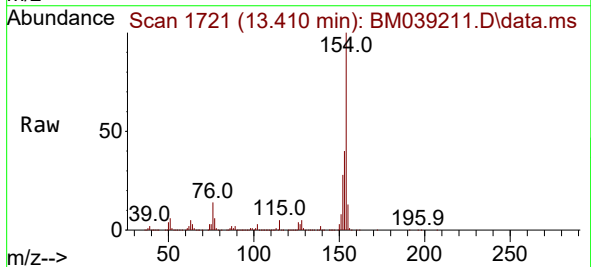
Instrument :
BNA_M
ClientSampleId :
PB151670BS

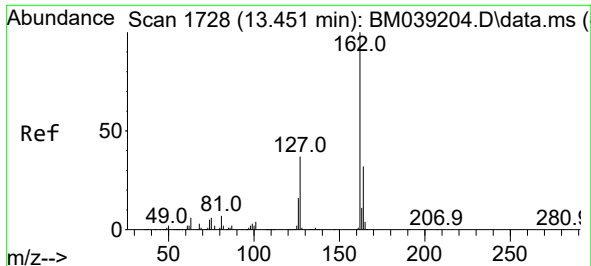
Tgt Ion:172 Resp: 3513879
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 50.705 ng
RT: 13.410 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:154 Resp: 1972496
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 13.8 0.0 33.5

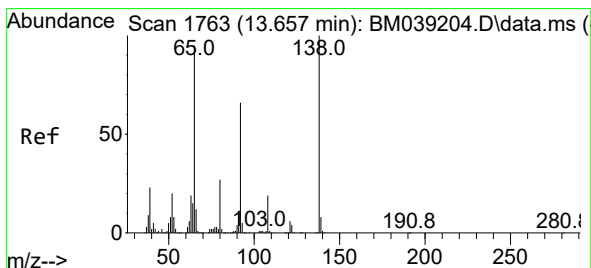
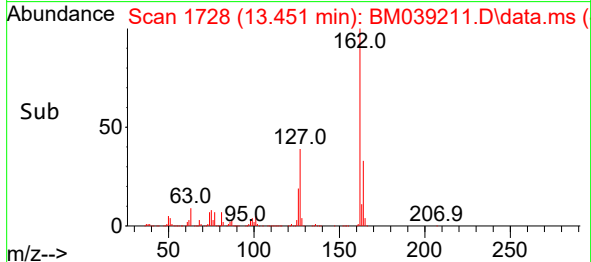
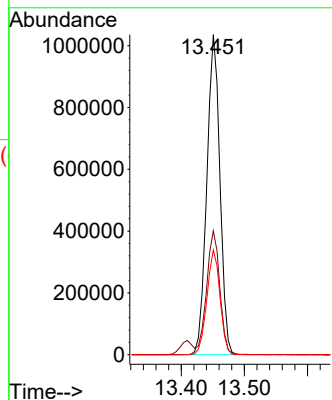
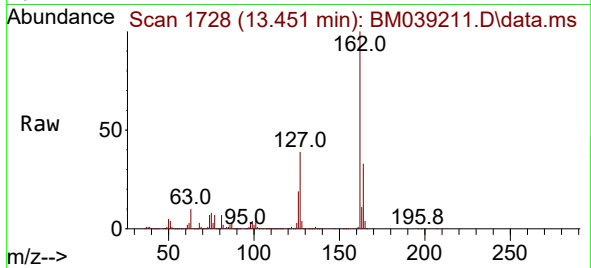




#47
2-Chloronaphthalene
Concen: 50.750 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

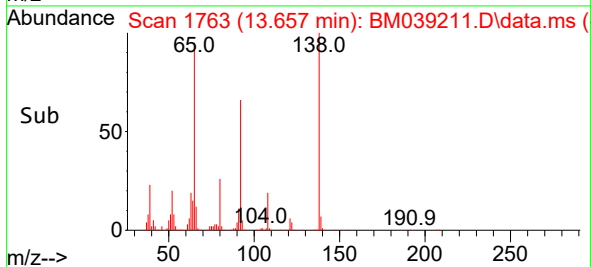
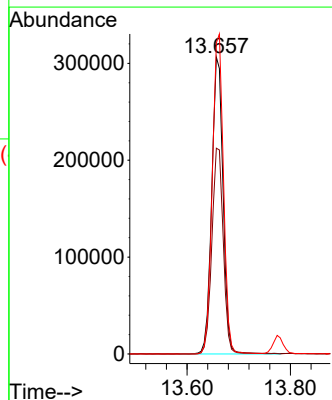
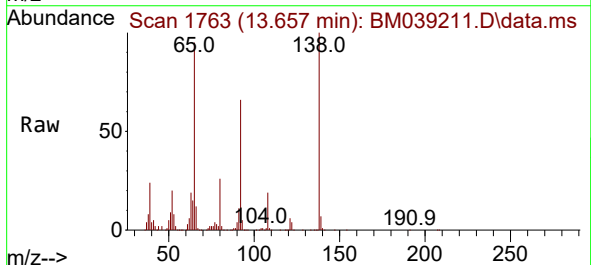
Instrument :
BNA_M
ClientSampleId :
PB151670BS

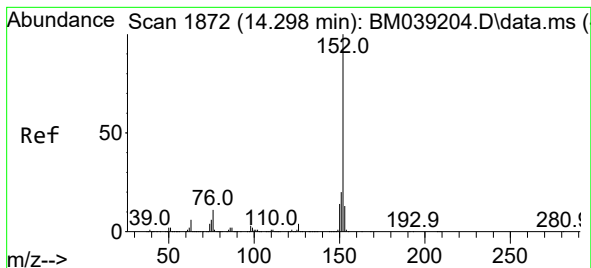
Tgt Ion:162 Resp: 1494820
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.0
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 47.103 ng
RT: 13.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion: 65 Resp: 466889
Ion Ratio Lower Upper
65 100
92 69.3 55.7 83.5
138 104.8 84.5 126.7





#49

Acenaphthylene

Concen: 47.665 ng

RT: 14.298 min Scan# 1872

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

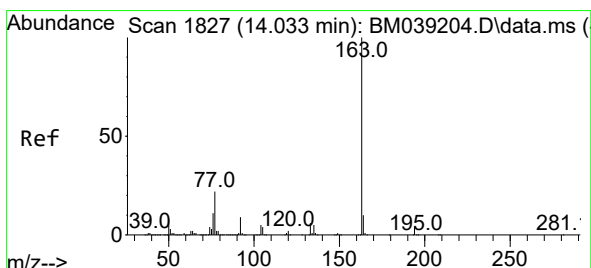
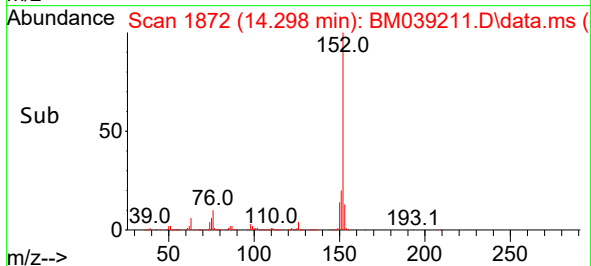
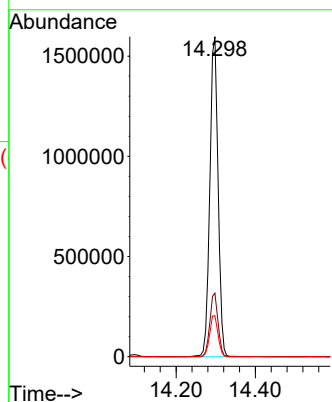
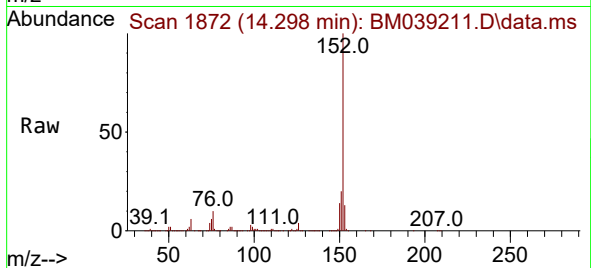
Tgt Ion:152 Resp: 2307500

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 12.8 10.3 15.5



#50

Dimethylphthalate

Concen: 46.323 ng

RT: 14.033 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

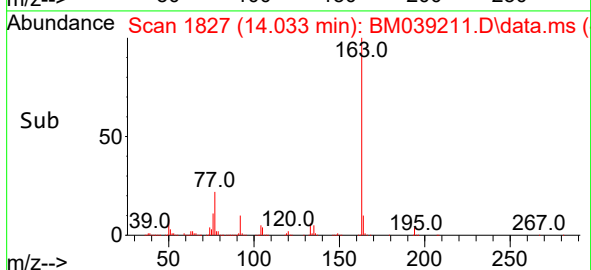
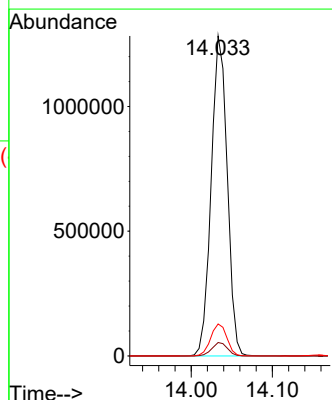
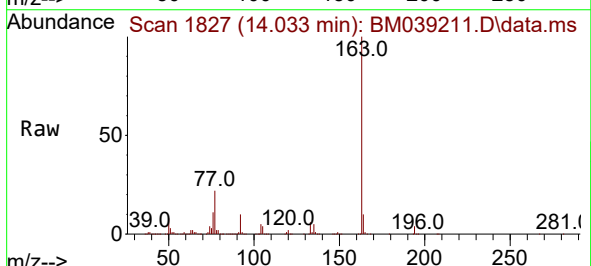
Tgt Ion:163 Resp: 1758632

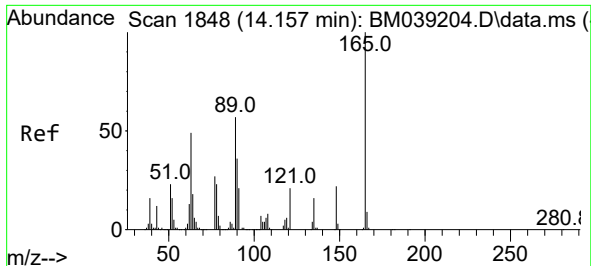
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.682 ng

RT: 14.157 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

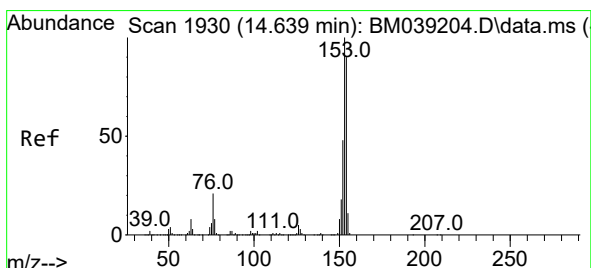
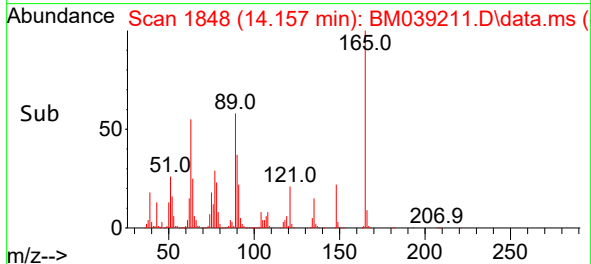
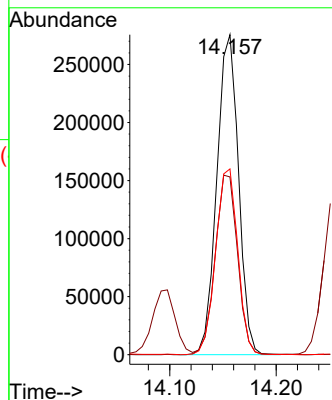
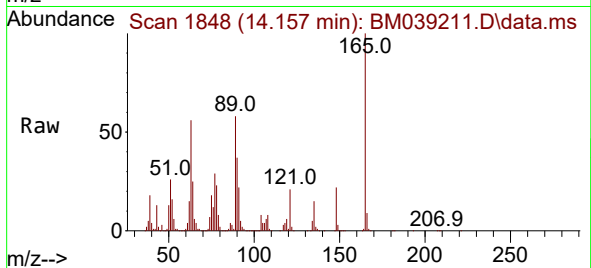
Tgt Ion:165 Resp: 389284

Ion Ratio Lower Upper

165 100

63 55.5 44.9 67.3

89 58.0 45.4 68.0



#52

Acenaphthene

Concen: 47.771 ng

RT: 14.639 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

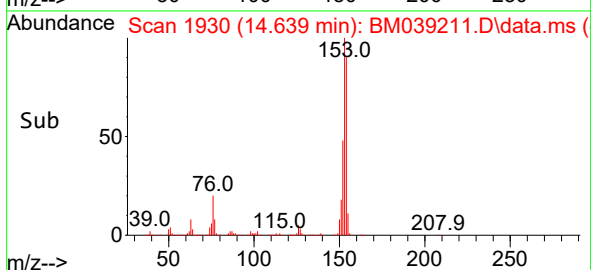
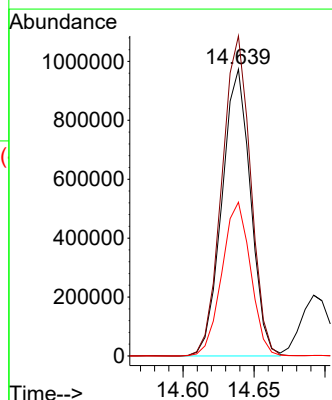
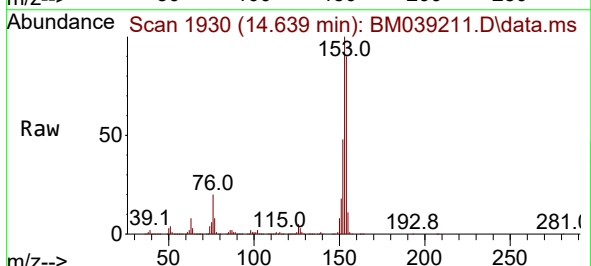
Tgt Ion:154 Resp: 1365562

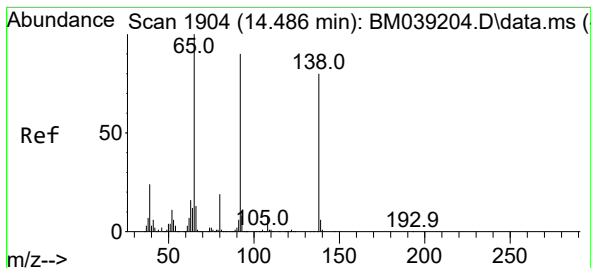
Ion Ratio Lower Upper

154 100

153 111.6 89.1 133.7

152 53.6 42.6 64.0

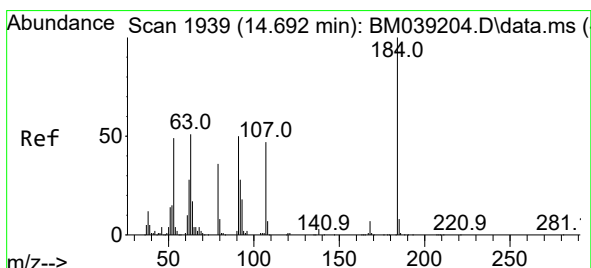
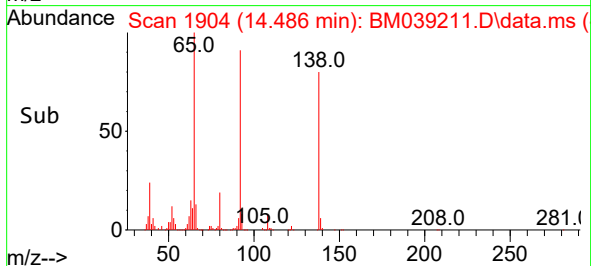
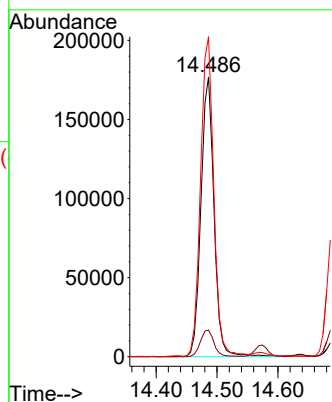
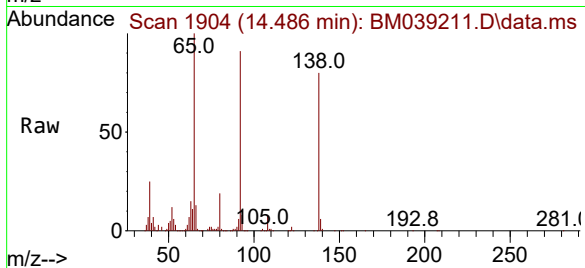




#53
3-Nitroaniline
Concen: 27.952 ng
RT: 14.486 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

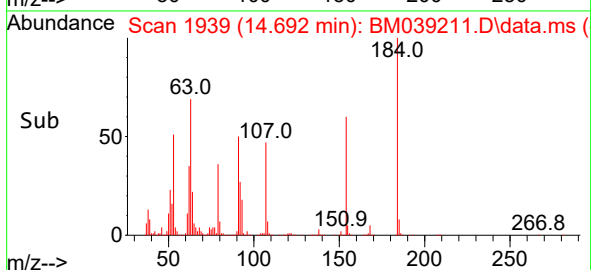
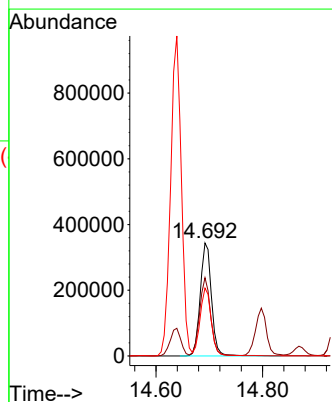
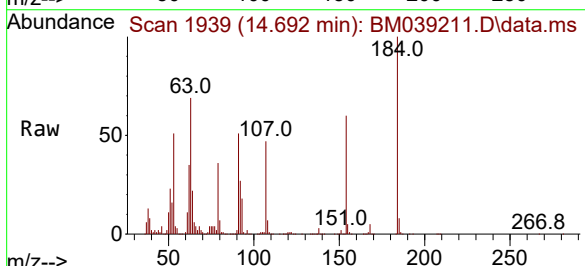
Instrument :
BNA_M
ClientSampleId :
PB151670BS

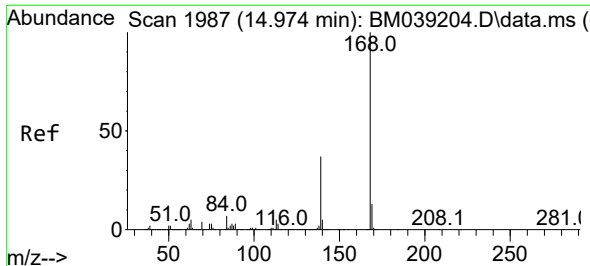
Tgt Ion:138 Resp: 263817
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 114.4 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 103.998 ng
RT: 14.692 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:184 Resp: 502822
Ion Ratio Lower Upper
184 100
63 69.2 56.4 84.6
154 60.0 48.7 73.1

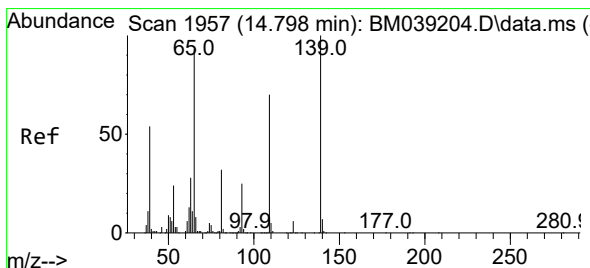
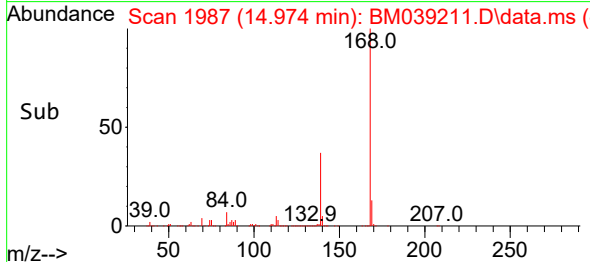
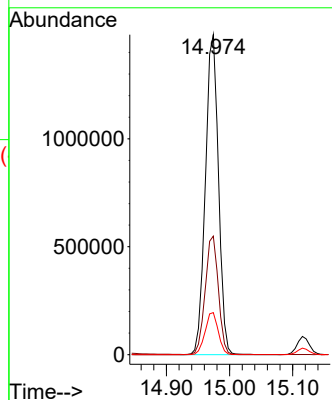
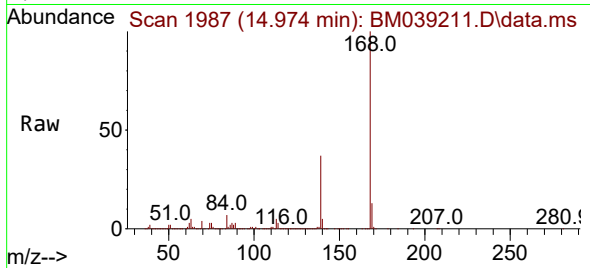




#55
Dibenzofuran
Concen: 46.445 ng
RT: 14.974 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

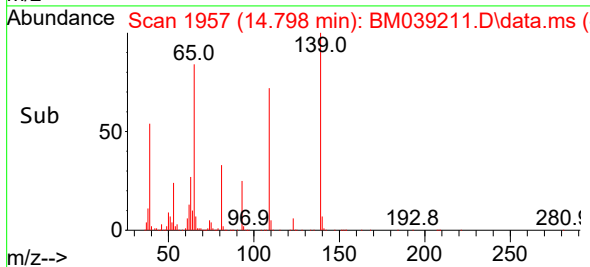
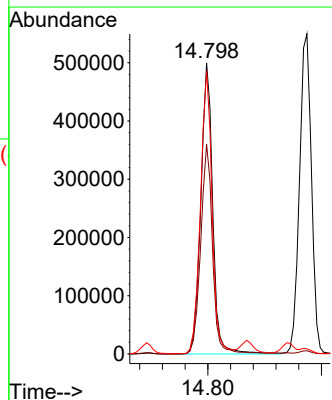
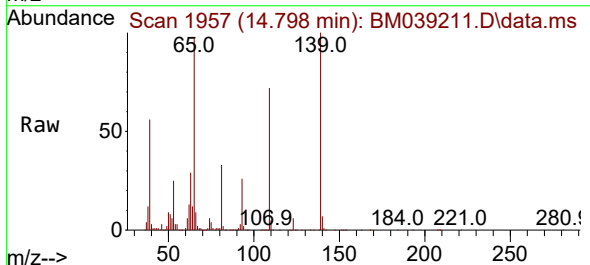
Instrument :
BNA_M
ClientSampleId :
PB151670BS

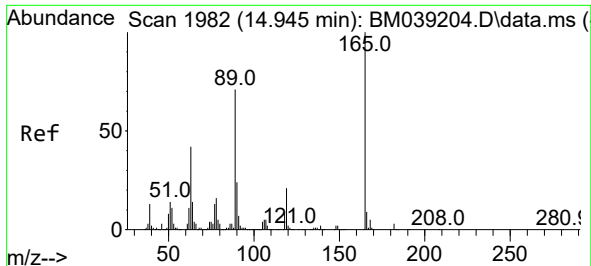
Tgt Ion:168 Resp: 2137466
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.2
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 99.809 ng
RT: 14.798 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:139 Resp: 726409
Ion Ratio Lower Upper
139 100
109 72.0 49.6 89.6
65 97.2 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 47.135 ng

RT: 14.945 min Scan# 1982

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

Tgt Ion:165 Resp: 520572

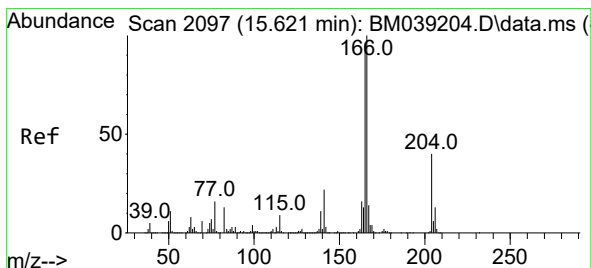
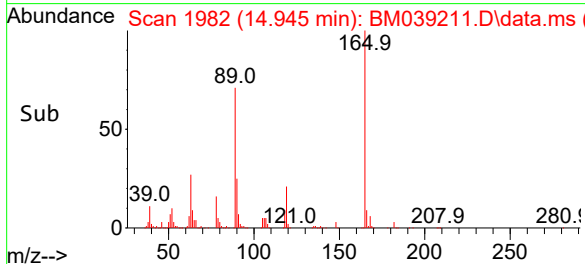
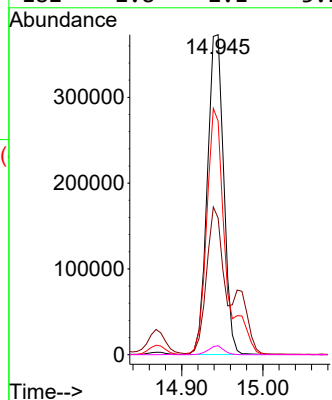
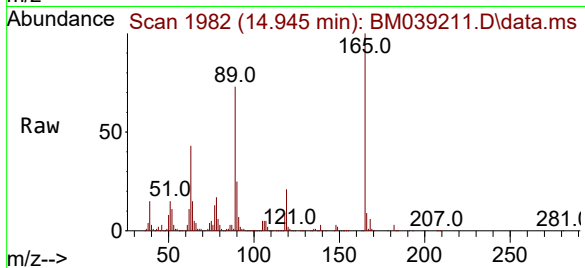
Ion Ratio Lower Upper

165 100

63 42.7 33.5 50.3

89 73.0 56.7 85.1

182 2.8 2.1 3.1



#58

Fluorene

Concen: 46.658 ng

RT: 15.621 min Scan# 2097

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

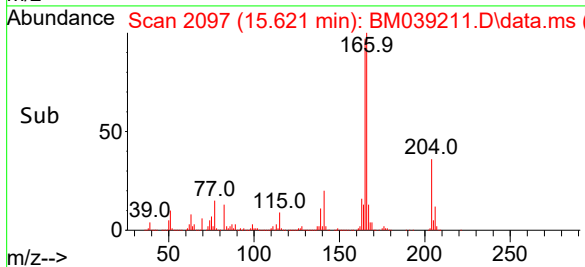
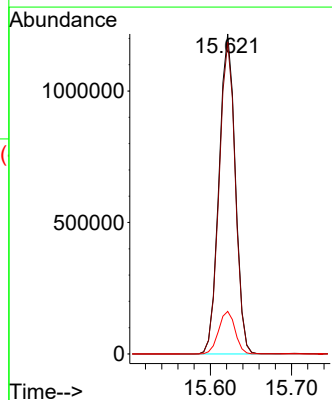
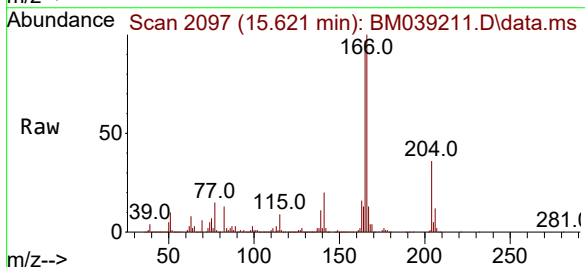
Tgt Ion:166 Resp: 1700329

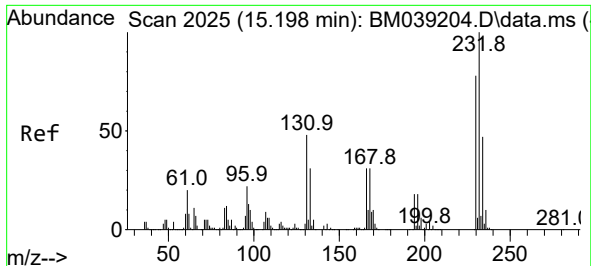
Ion Ratio Lower Upper

166 100

165 97.4 76.9 115.3

167 13.3 10.8 16.2

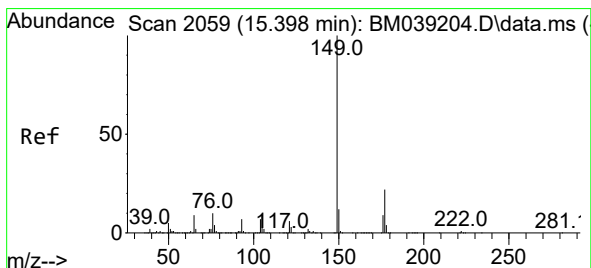
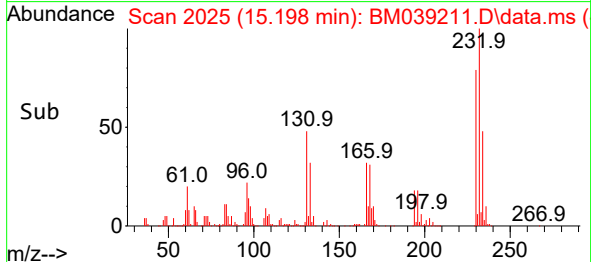
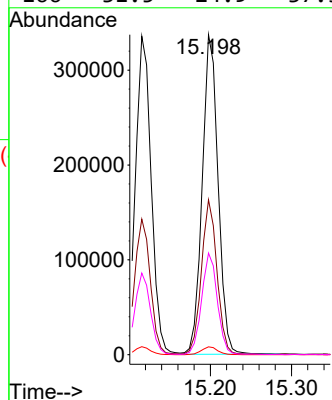
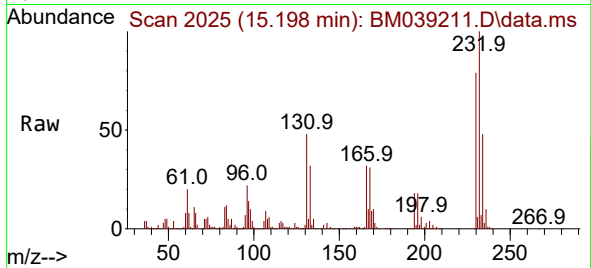




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.970 ng
RT: 15.198 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

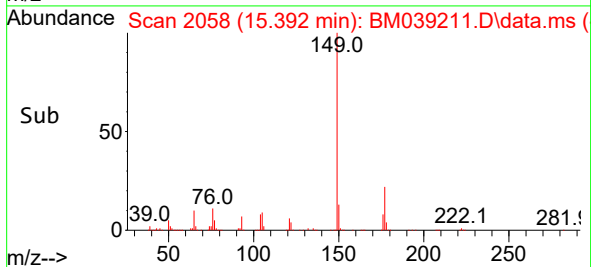
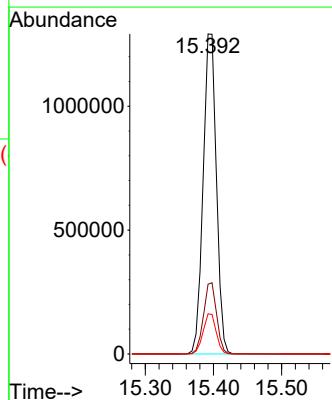
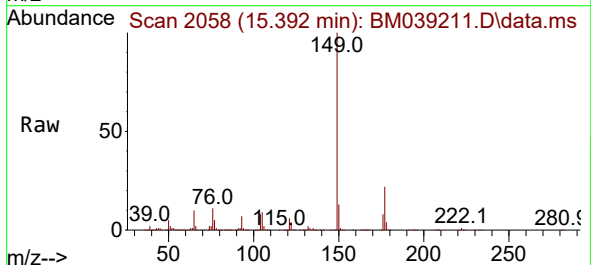
Instrument :
BNA_M
ClientSampleId :
PB151670BS

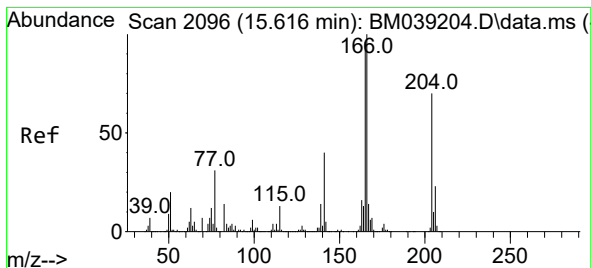
Tgt Ion:232 Resp: 457608
Ion Ratio Lower Upper
232 100
131 47.5 37.7 56.5
130 2.5 1.9 2.9
166 31.5 24.9 37.3



#60
Diethylphthalate
Concen: 45.697 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:149 Resp: 1746226
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.5 9.8 14.6

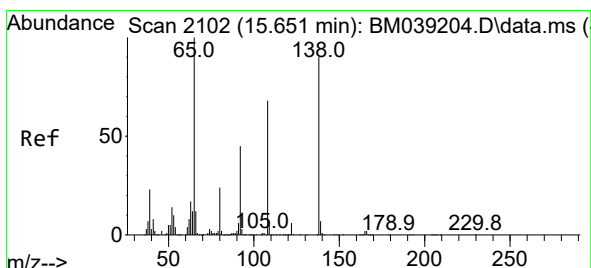
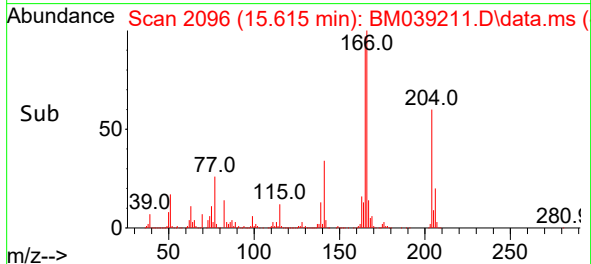
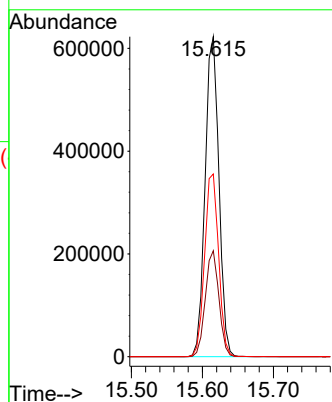
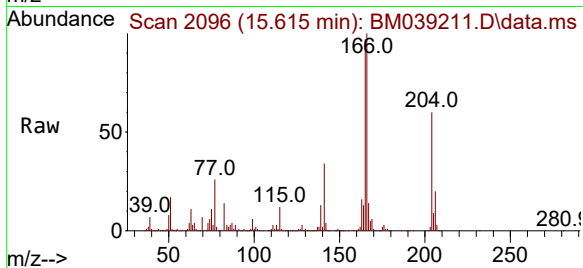




#61
4-Chlorophenyl-phenylether
Concen: 46.631 ng
RT: 15.615 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

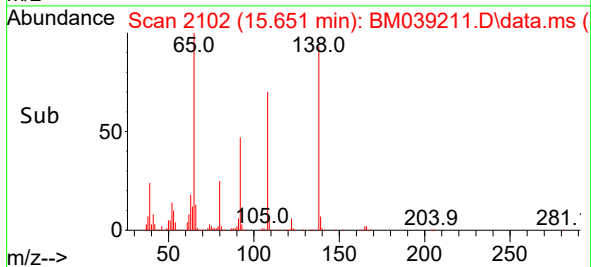
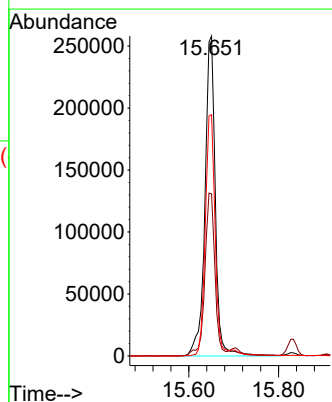
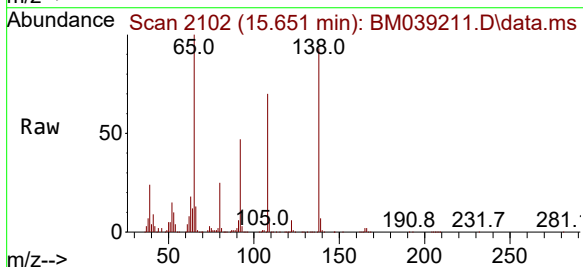
Instrument :
BNA_M
ClientSampleId :
PB151670BS

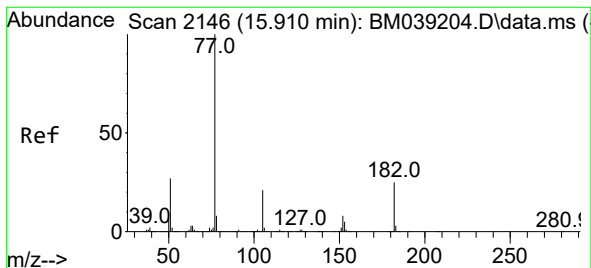
Tgt Ion:204 Resp: 842176
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 57.1 45.8 68.6



#62
4-Nitroaniline
Concen: 42.883 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:138 Resp: 415338
Ion Ratio Lower Upper
138 100
92 50.6 30.5 70.5
108 75.4 55.5 95.5





#63

Azobenzene

Concen: 47.273 ng

RT: 15.909 min Scan# 2146

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

Tgt Ion: 77 Resp: 1809839

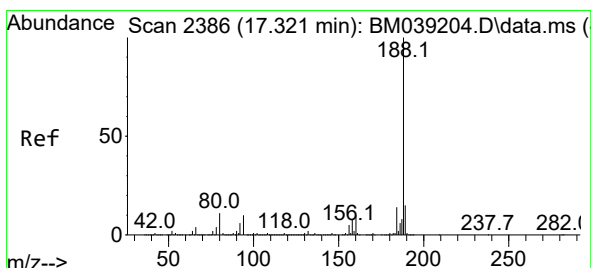
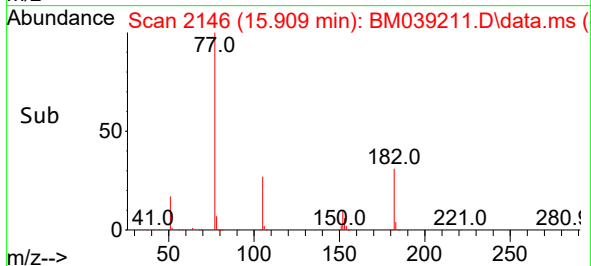
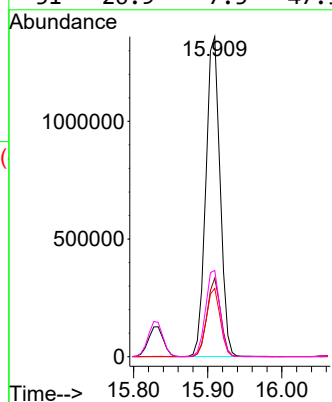
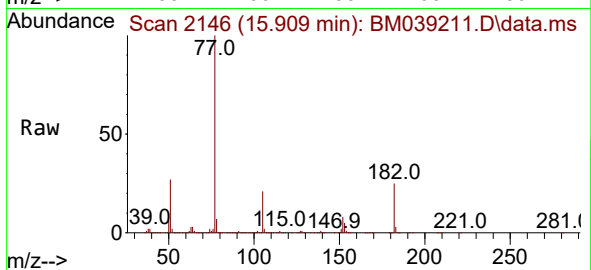
Ion Ratio Lower Upper

77 100

182 24.6 4.8 44.8

105 21.4 1.4 41.4

51 26.9 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

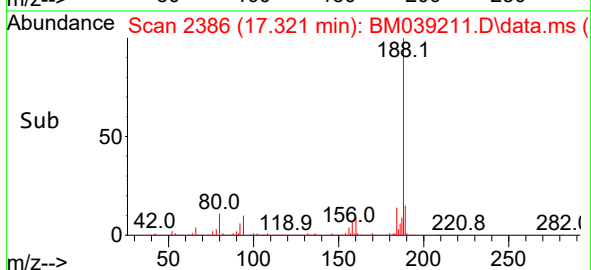
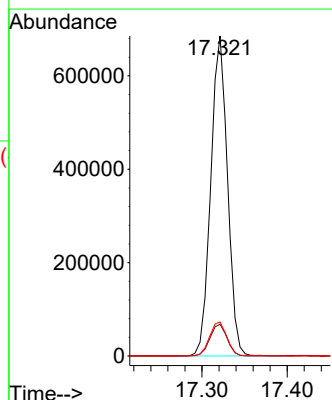
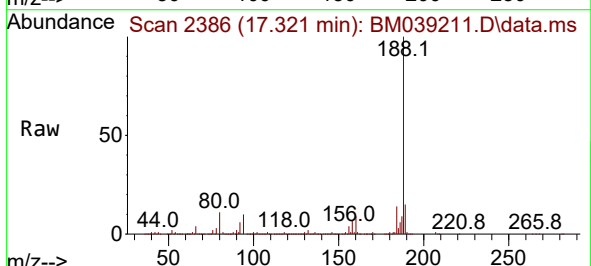
Tgt Ion:188 Resp: 934269

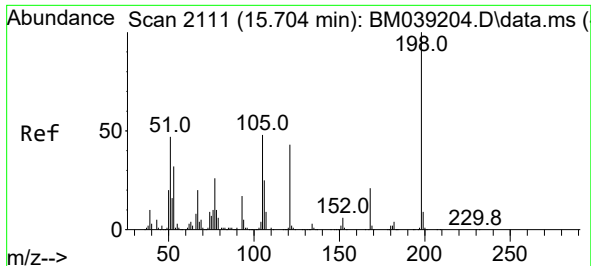
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

80 10.6 8.9 13.3

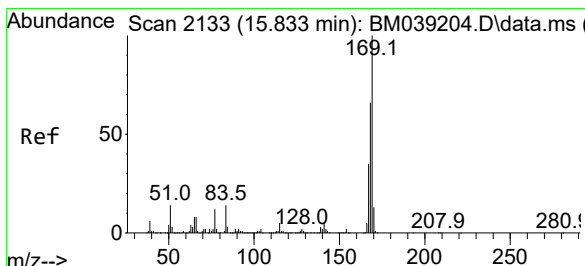
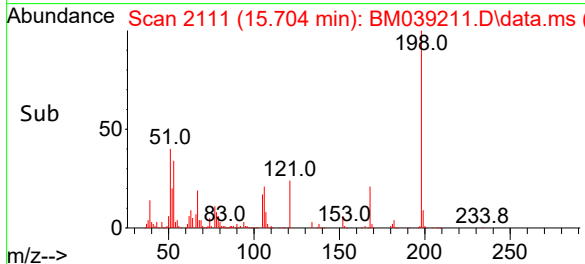
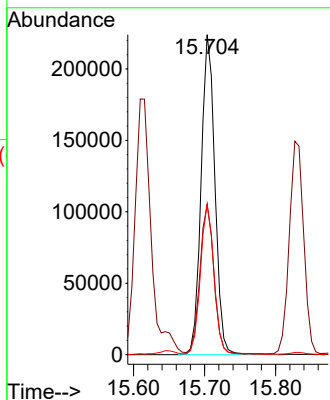
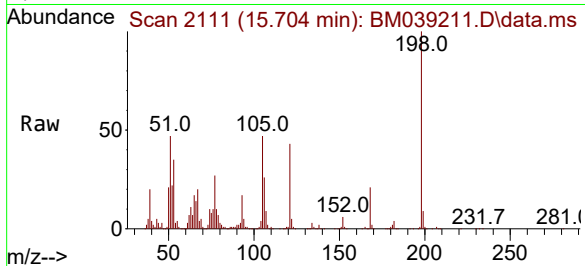




#65
4,6-Dinitro-2-methylphenol
Concen: 49.265 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

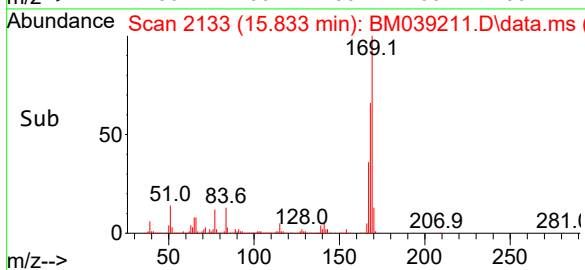
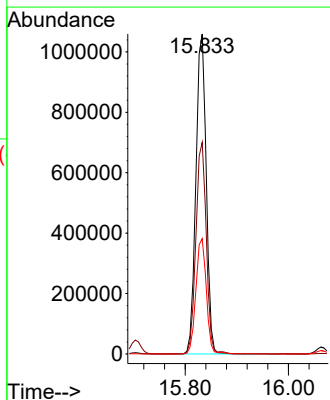
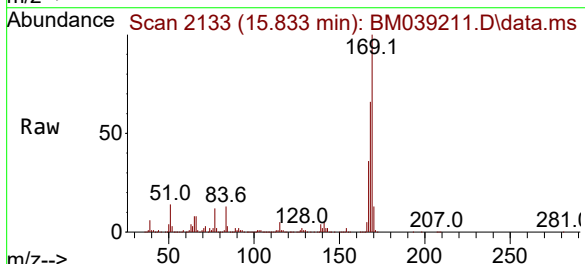
Instrument :
BNA_M
ClientSampleId :
PB151670BS

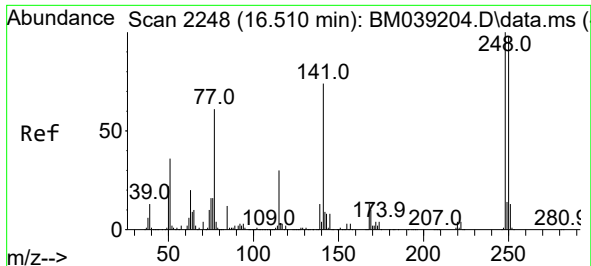
Tgt Ion:198 Resp: 302799
Ion Ratio Lower Upper
198 100
51 46.9 28.9 68.9
105 47.0 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 49.840 ng
RT: 15.833 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:169 Resp: 1467313
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.1 28.4 42.6

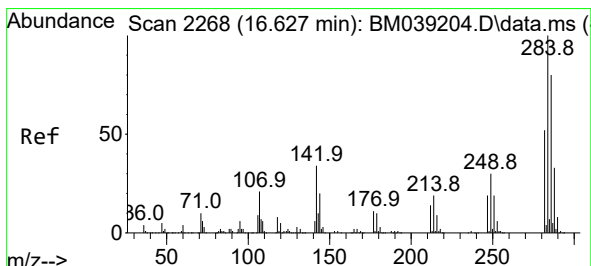
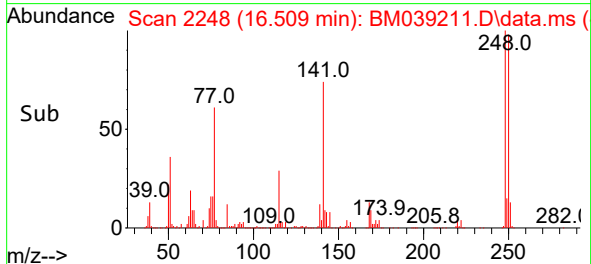
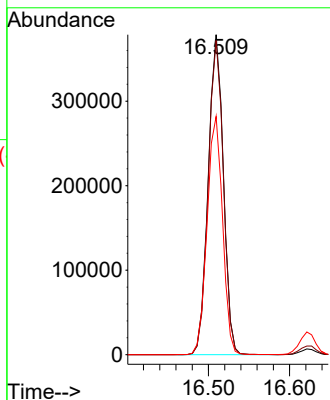
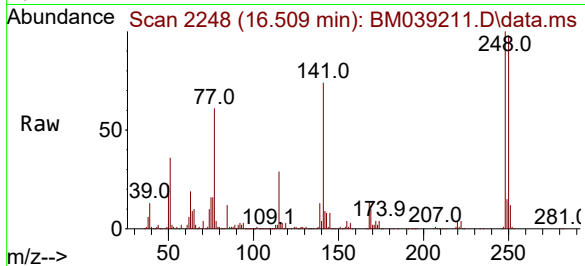




#67
4-Bromophenyl-phenylether
Concen: 49.295 ng
RT: 16.509 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

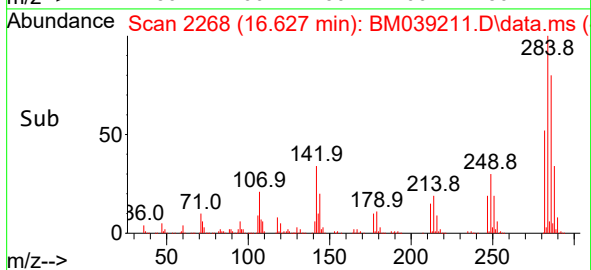
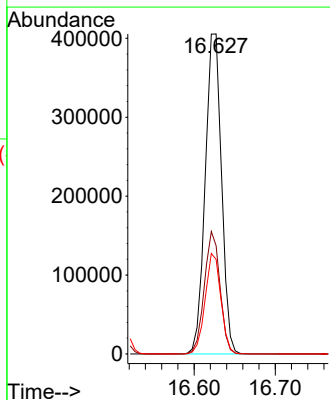
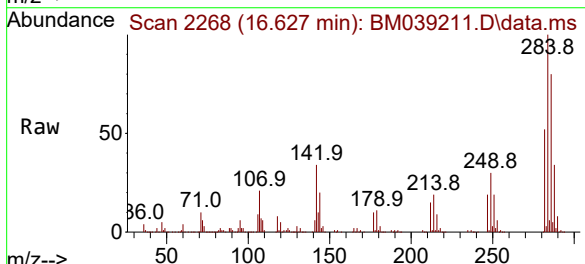
Instrument :
BNA_M
ClientSampleId :
PB151670BS

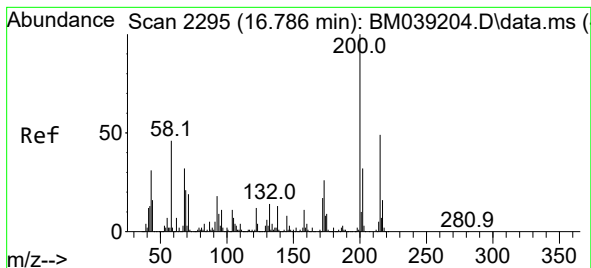
Tgt Ion:248 Resp: 491845
Ion Ratio Lower Upper
248 100
250 98.2 78.8 118.2
141 74.4 58.8 88.2



#68
Hexachlorobenzene
Concen: 52.205 ng
RT: 16.627 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:284 Resp: 564778
Ion Ratio Lower Upper
284 100
142 33.8 27.4 41.2
249 29.5 24.4 36.6





#69

Atrazine

Concen: 51.938 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

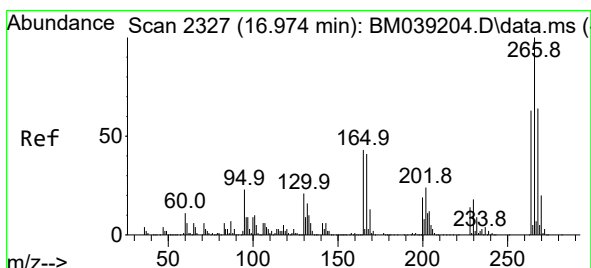
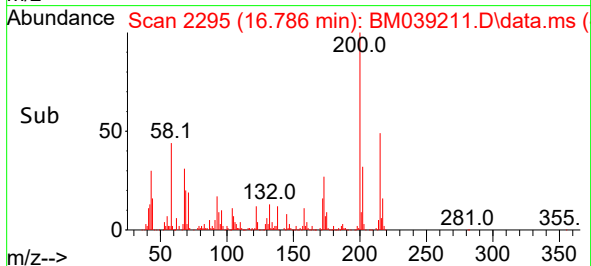
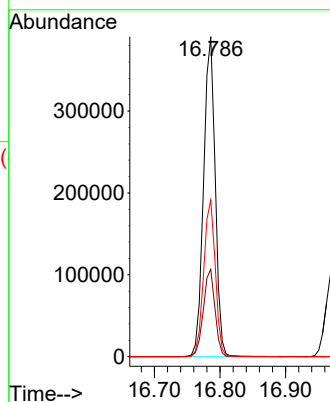
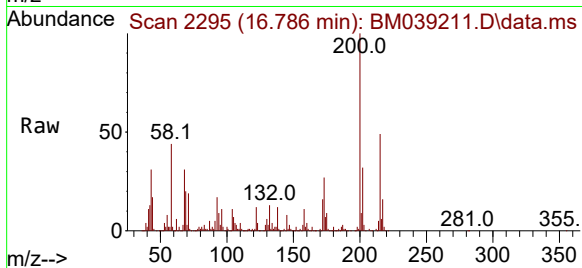
Tgt Ion:200 Resp: 484293

Ion Ratio Lower Upper

200 100

173 27.3 6.4 46.4

215 48.9 28.9 68.9



#70

Pentachlorophenol

Concen: 94.266 ng

RT: 16.974 min Scan# 2327

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

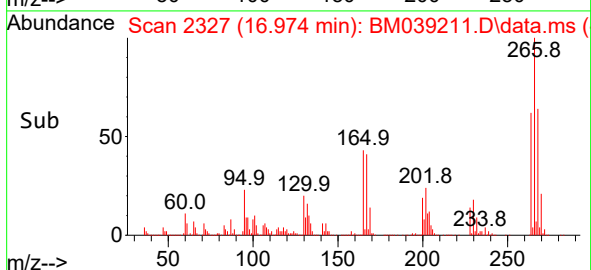
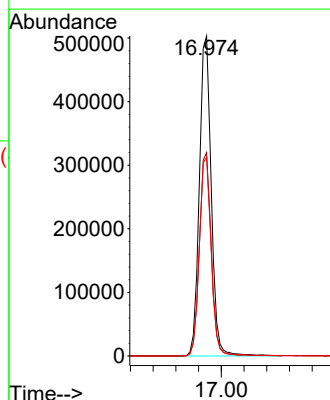
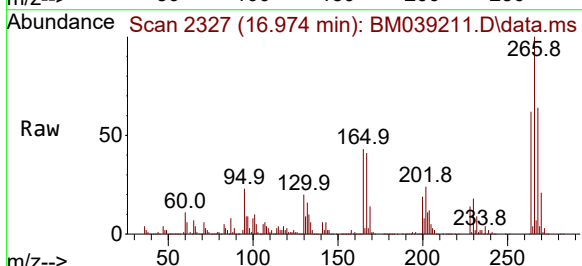
Tgt Ion:266 Resp: 731668

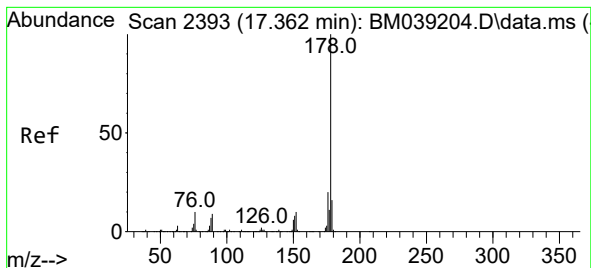
Ion Ratio Lower Upper

266 100

268 63.6 51.4 77.2

264 62.1 50.2 75.4





#71

Phenanthrene

Concen: 48.993 ng

RT: 17.362 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

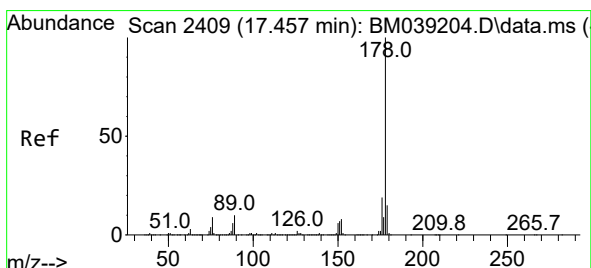
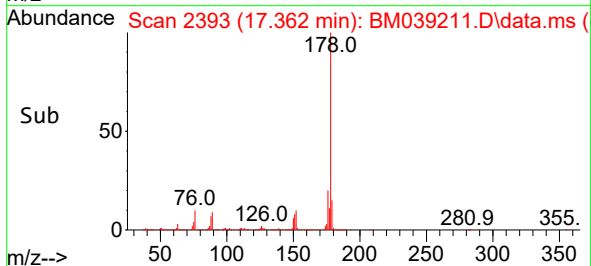
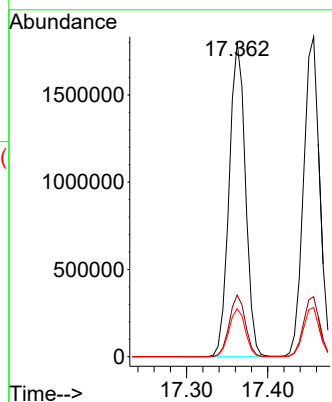
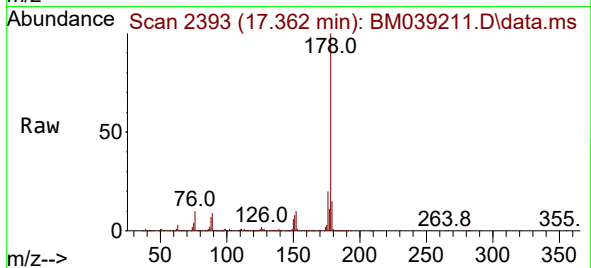
Tgt Ion:178 Resp: 2506915

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.3 12.4 18.6



#72

Anthracene

Concen: 48.820 ng

RT: 17.456 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

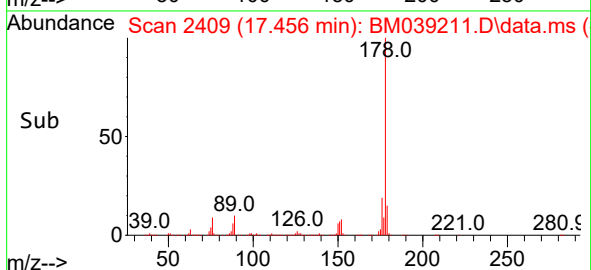
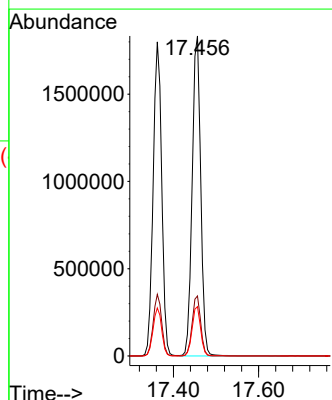
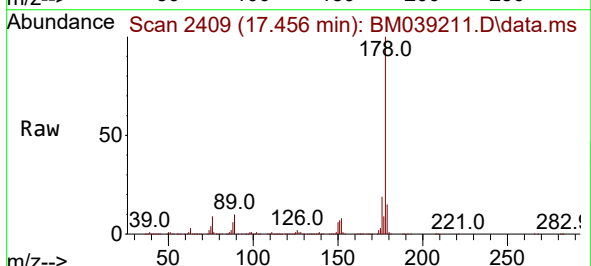
Tgt Ion:178 Resp: 2547185

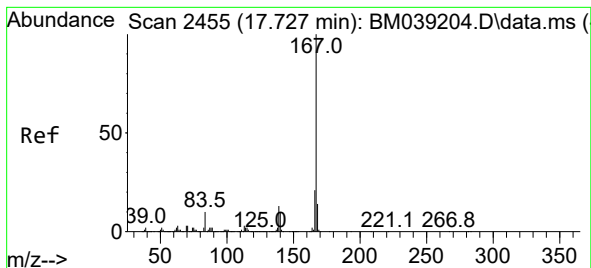
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.4 12.2 18.2





#73

Carbazole

Concen: 48.114 ng

RT: 17.727 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

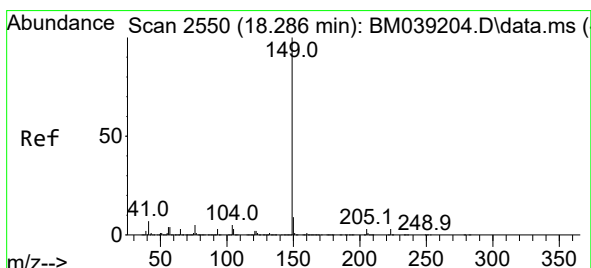
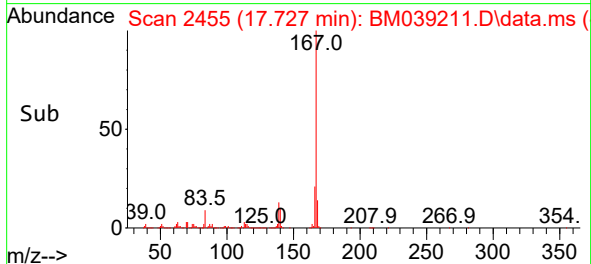
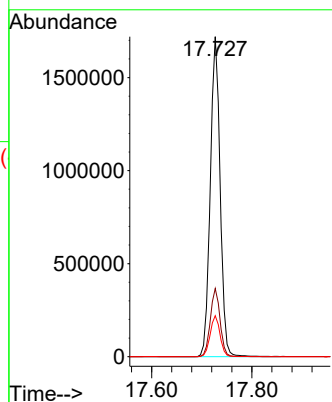
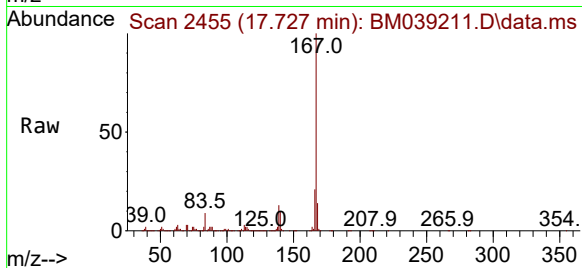
Tgt Ion:167 Resp: 2345730

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.185 ng

RT: 18.286 min Scan# 2550

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

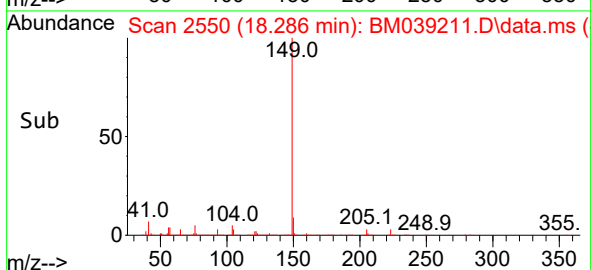
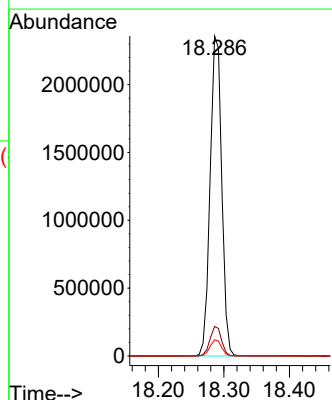
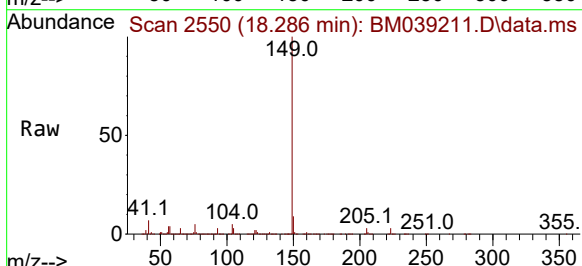
Tgt Ion:149 Resp: 2905971

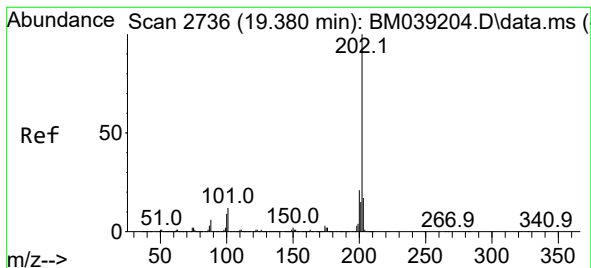
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1

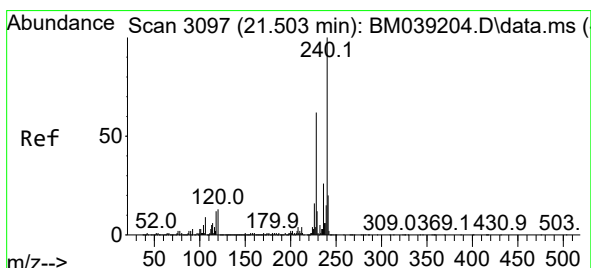
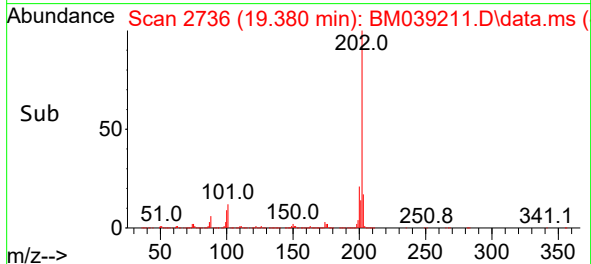
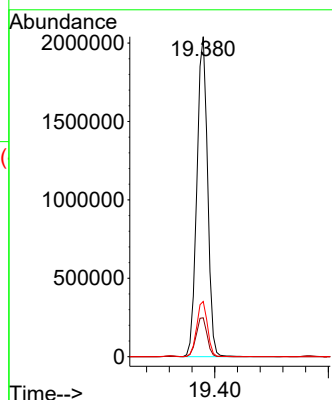
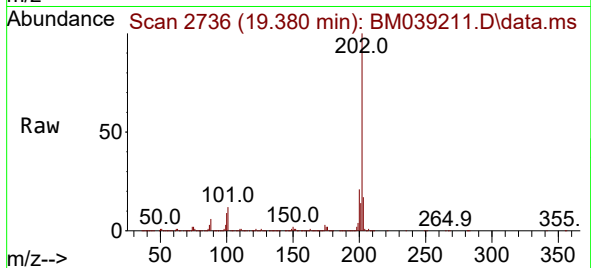




#75
Fluoranthene
Concen: 45.936 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

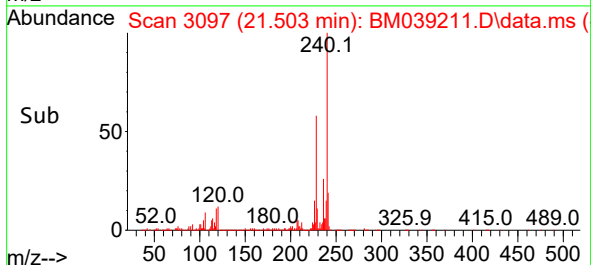
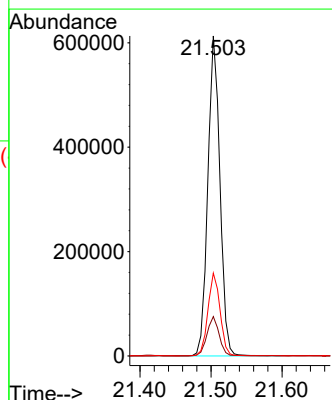
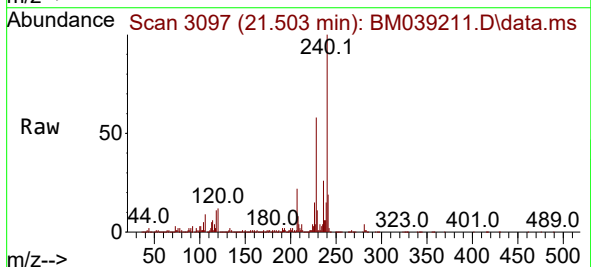
Instrument :
BNA_M
ClientSampleId :
PB151670BS

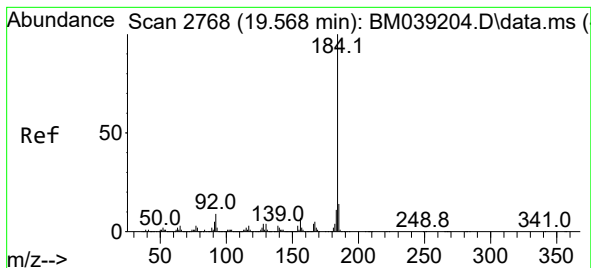
Tgt Ion:202 Resp: 2679354
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:240 Resp: 727189
Ion Ratio Lower Upper
240 100
120 12.3 10.2 15.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 66.587 ng

RT: 19.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

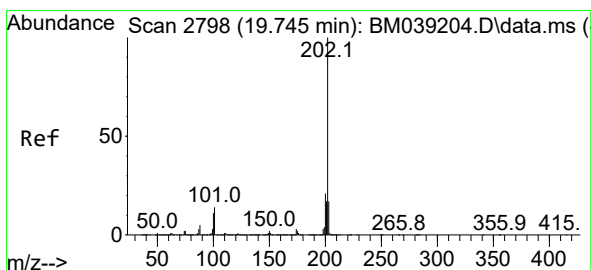
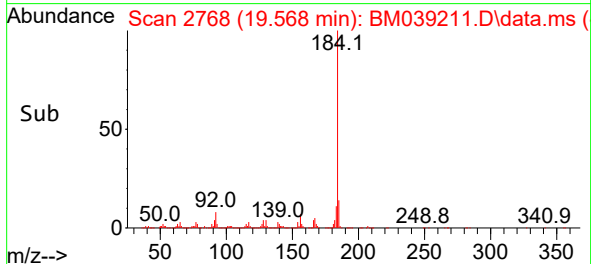
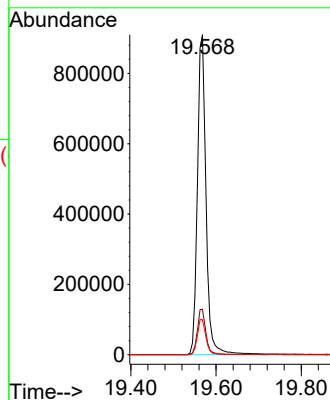
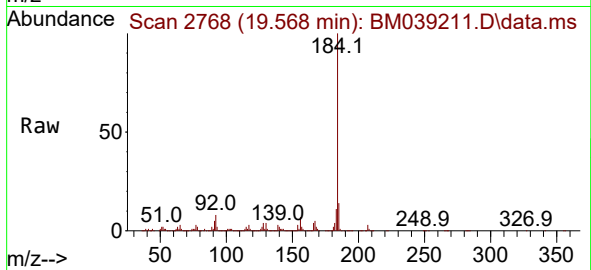
Tgt Ion:184 Resp: 1277185

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.0 9.0 13.4



#78

Pyrene

Concen: 53.742 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

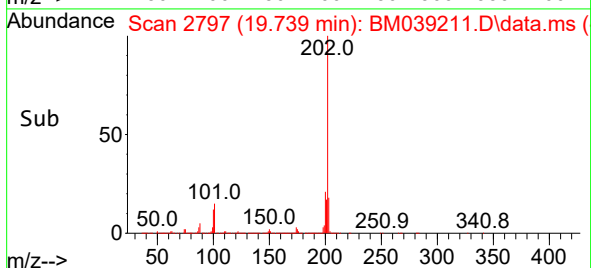
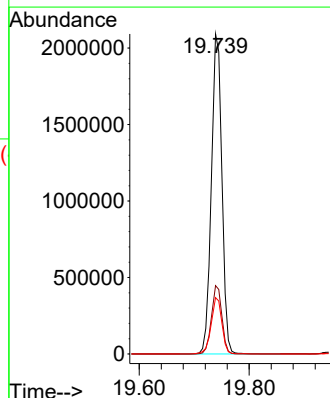
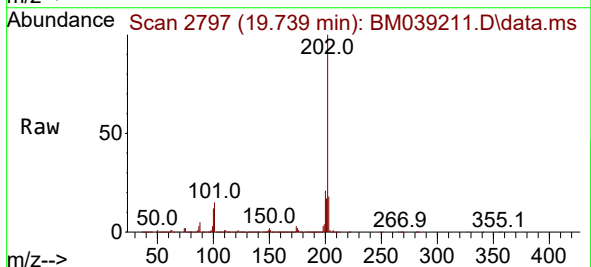
Tgt Ion:202 Resp: 2782147

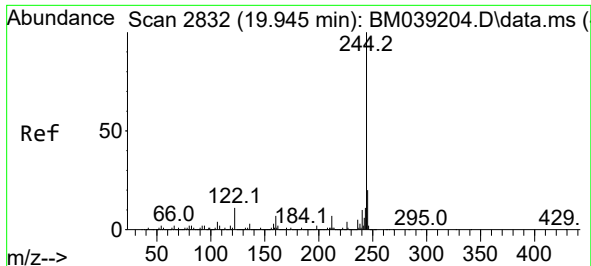
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.6 13.9 20.9

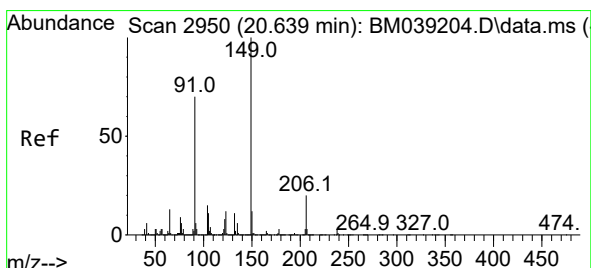
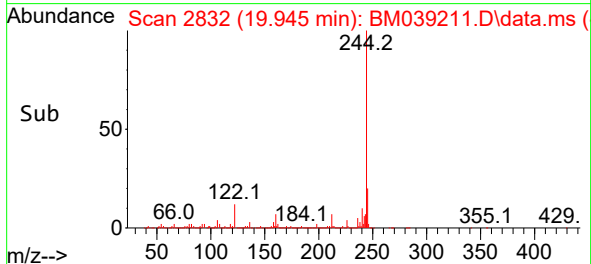
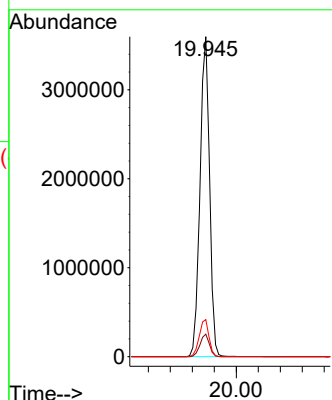
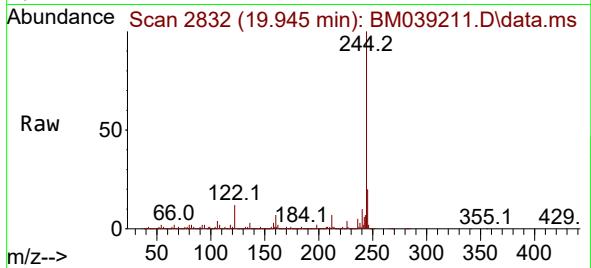




#79
 Terphenyl-d14
 Concen: 110.246 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039211.D
 Acq: 29 Mar 2023 19:05

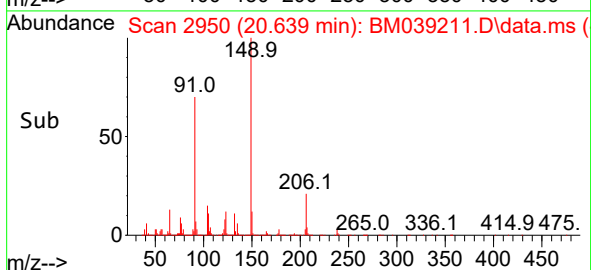
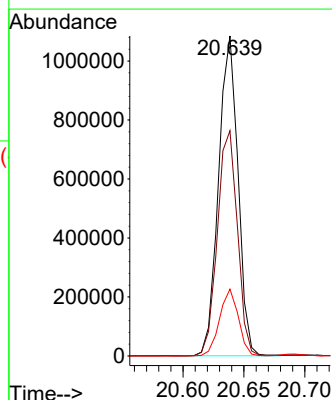
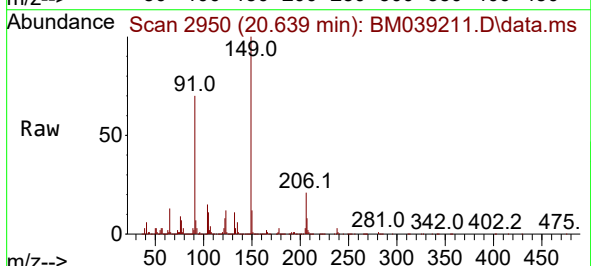
Instrument :
 BNA_M
 ClientSampleId :
 PB151670BS

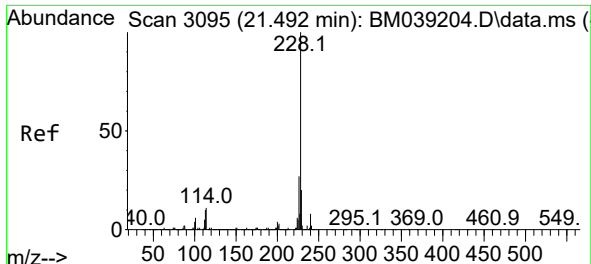
Tgt Ion:244 Resp: 4339210
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 50.798 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: BM039211.D
 Acq: 29 Mar 2023 19:05

Tgt Ion:149 Resp: 1204749
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.3 84.5
 206 20.9 16.4 24.6

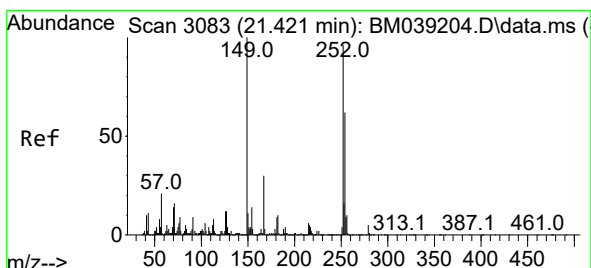
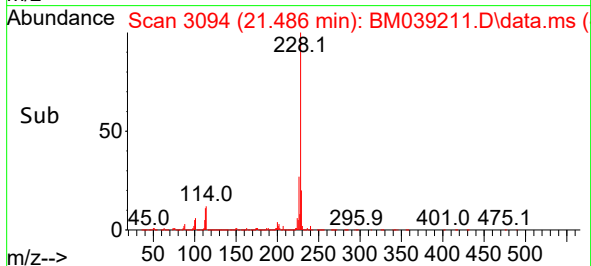
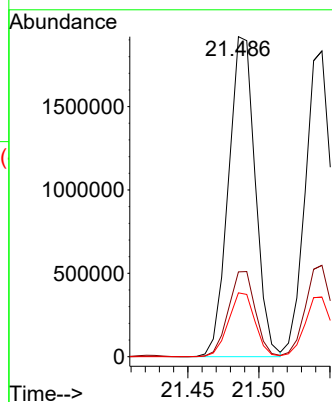
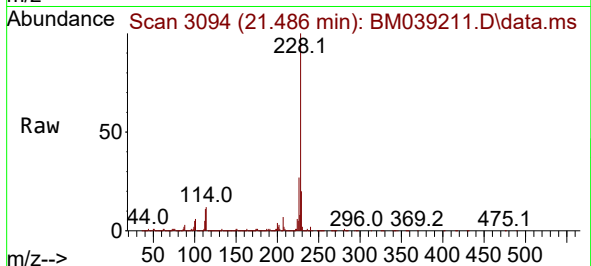




#81
Benzo(a)anthracene
Concen: 49.140 ng
RT: 21.486 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

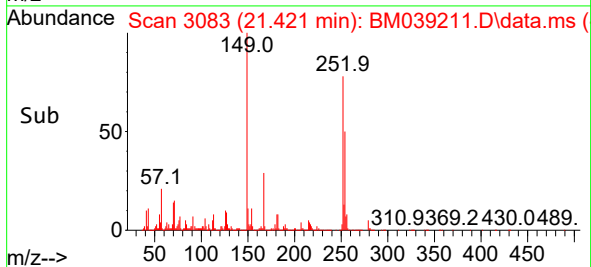
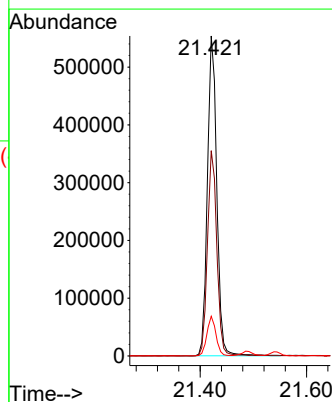
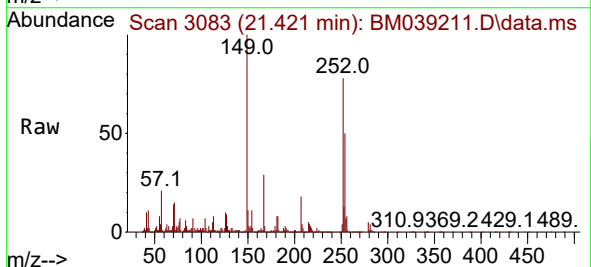
Instrument :
BNA_M
ClientSampleId :
PB151670BS

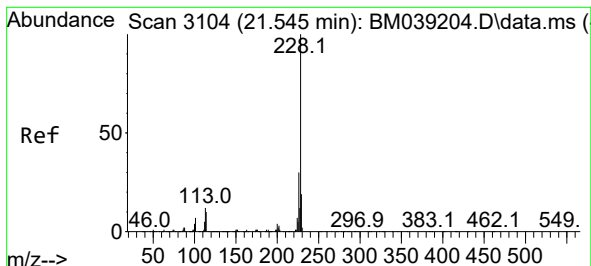
Tgt Ion:228 Resp: 2520199
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.745 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:252 Resp: 679022
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.8
126 12.4 10.1 15.1





#83

Chrysene

Concen: 47.813 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

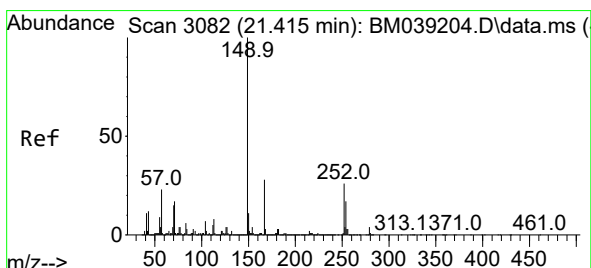
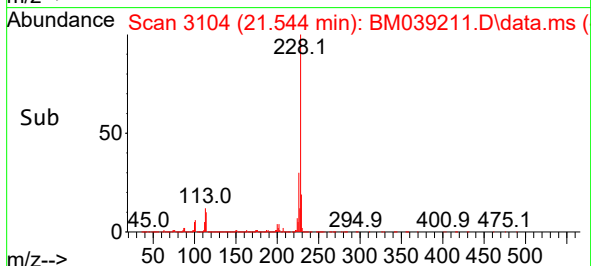
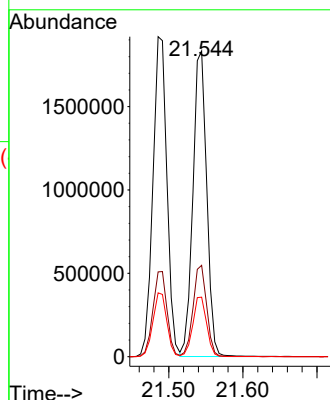
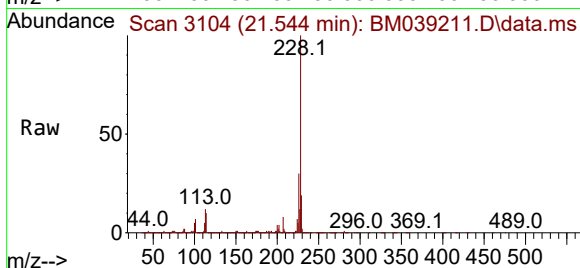
Tgt Ion:228 Resp: 2367195

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.149 ng

RT: 21.409 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

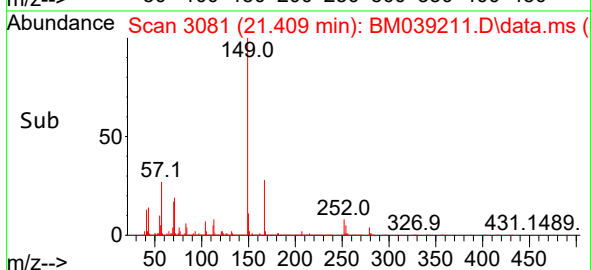
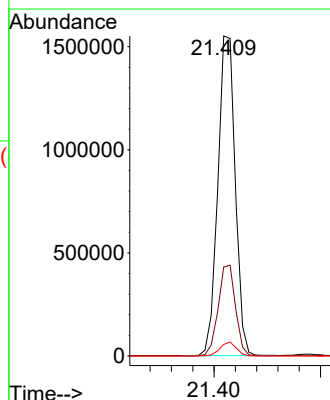
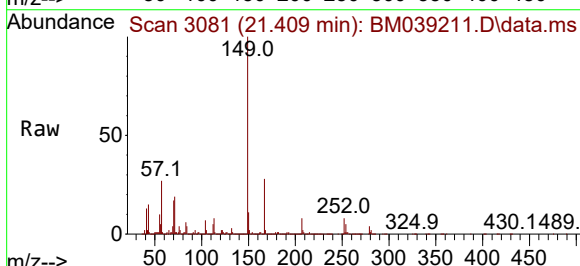
Tgt Ion:149 Resp: 1756567

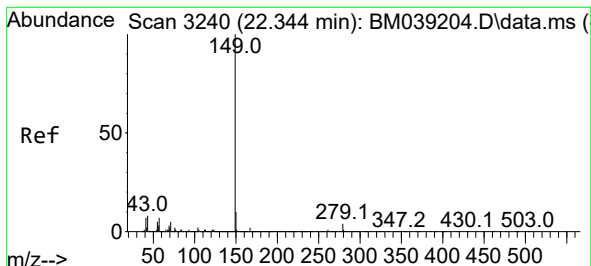
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 3.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 48.107 ng

RT: 22.344 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

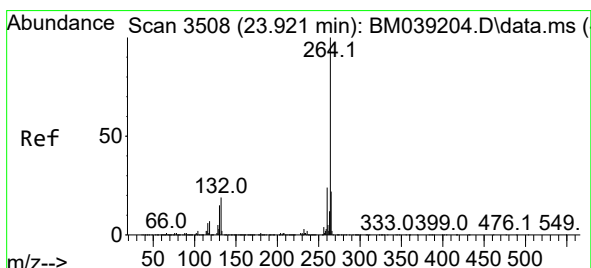
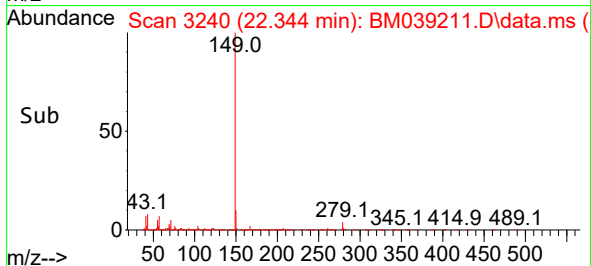
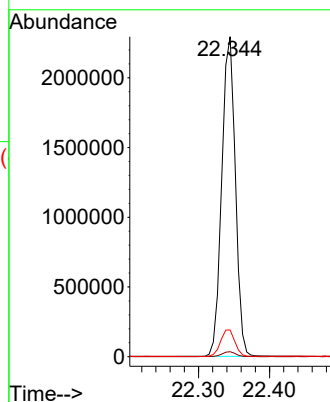
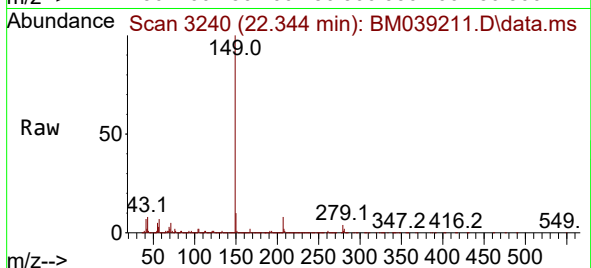
Tgt Ion:149 Resp: 3035880

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3508

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

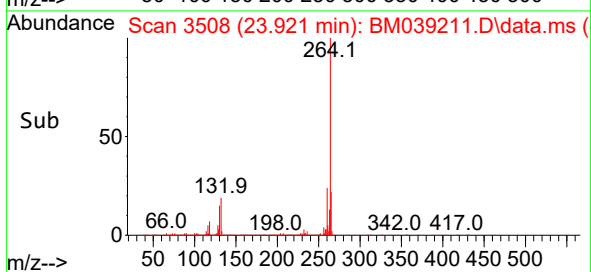
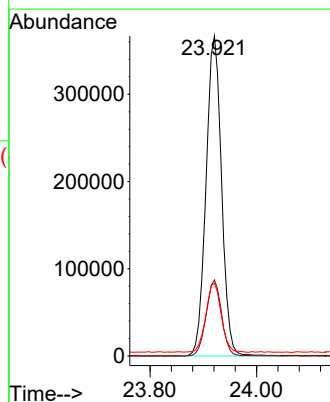
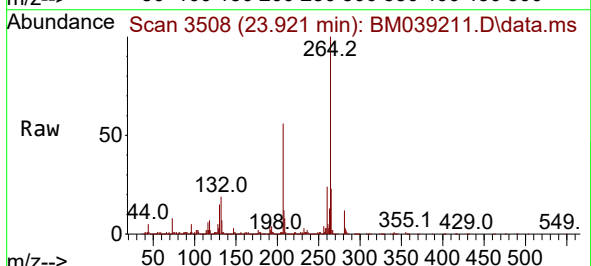
Tgt Ion:264 Resp: 741217

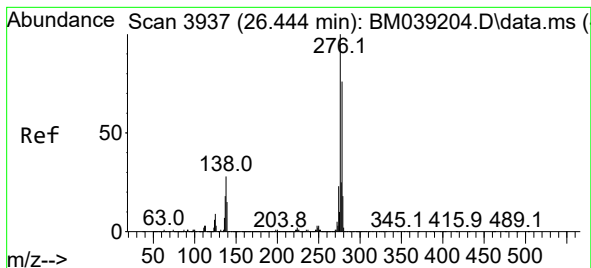
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.048 ng

RT: 26.438 min Scan# 3936

Delta R.T. -0.006 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

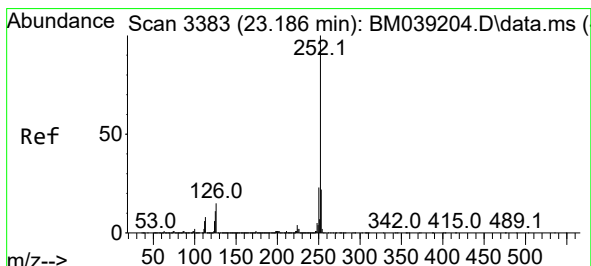
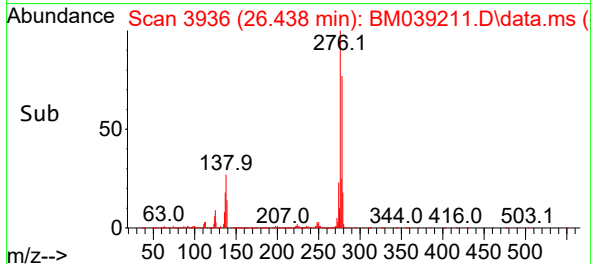
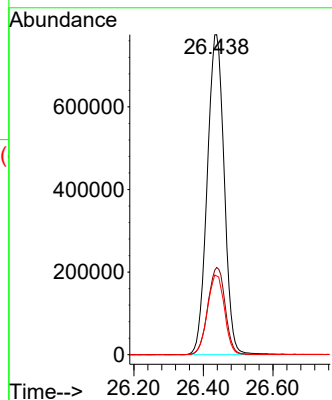
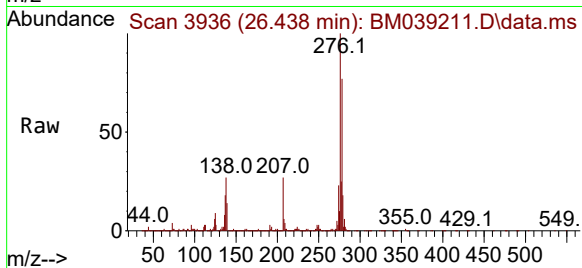
Tgt Ion:276 Resp: 2624040

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.246 ng

RT: 23.185 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

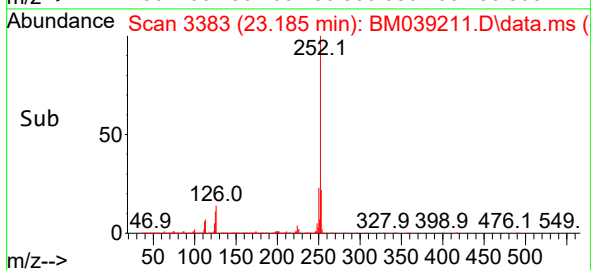
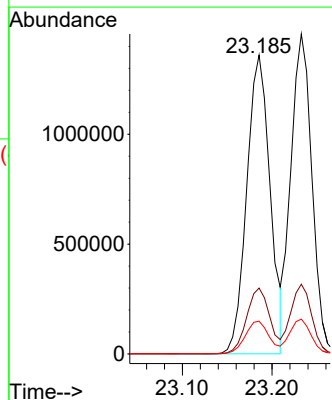
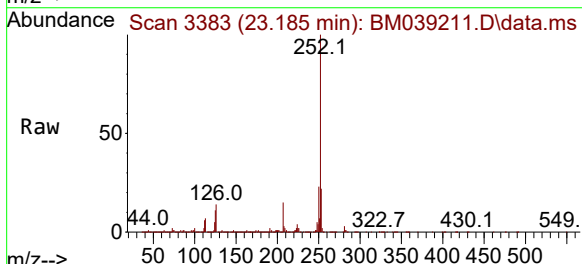
Tgt Ion:252 Resp: 2460251

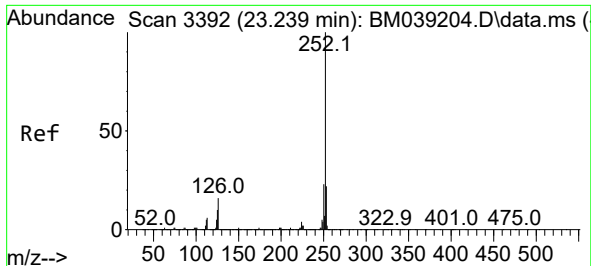
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.0 9.0 13.6

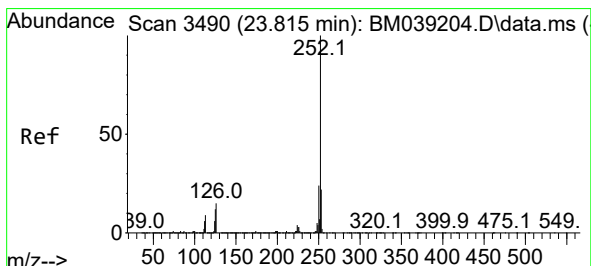
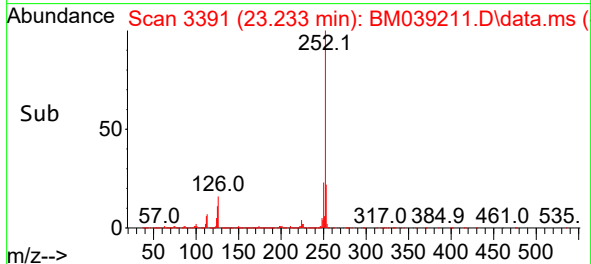
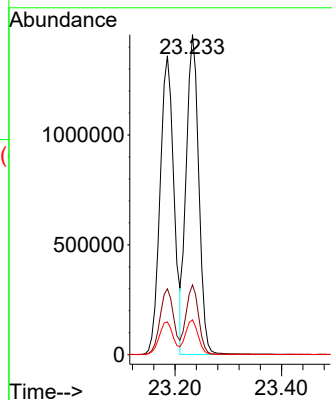
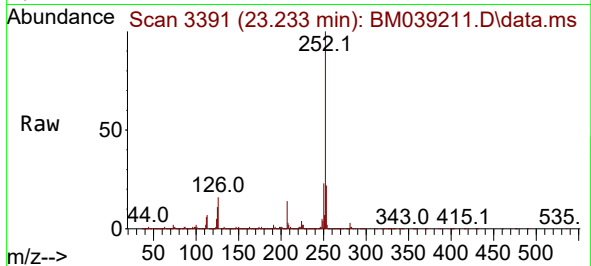




#89
Benzo(k)fluoranthene
Concen: 51.613 ng
RT: 23.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

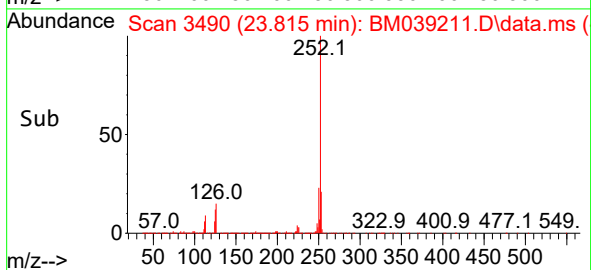
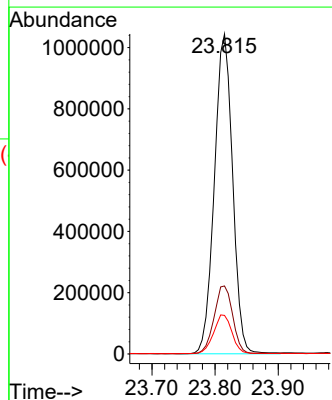
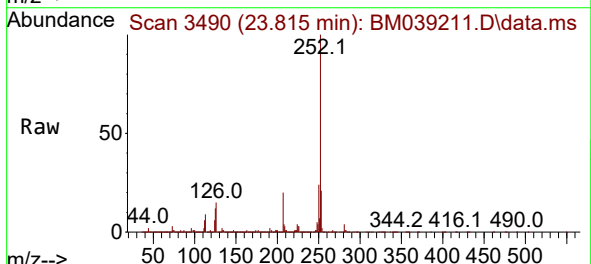
Instrument :
BNA_M
ClientSampleId :
PB151670BS

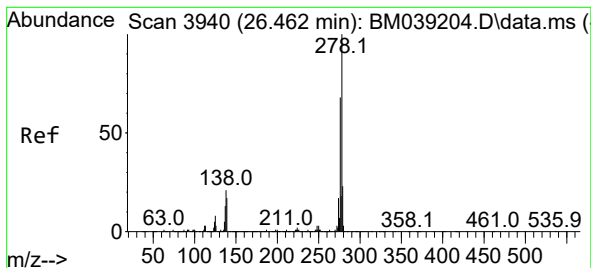
Tgt Ion:252 Resp: 2384379
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.9 8.5 12.7



#90
Benzo(a)pyrene
Concen: 46.908 ng
RT: 23.815 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM039211.D
Acq: 29 Mar 2023 19:05

Tgt Ion:252 Resp: 2089941
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 12.0 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 48.403 ng

RT: 26.450 min Scan# 3940

Delta R.T. -0.012 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Instrument :

BNA_M

ClientSampleId :

PB151670BS

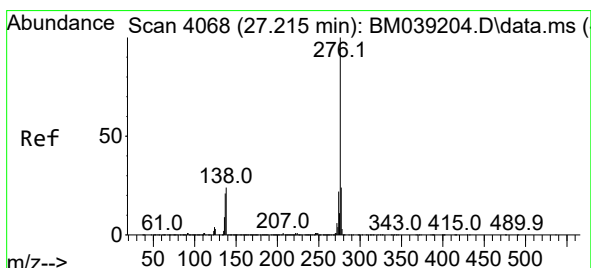
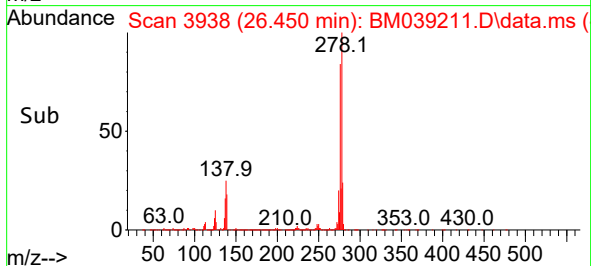
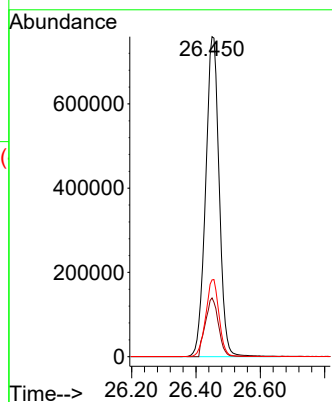
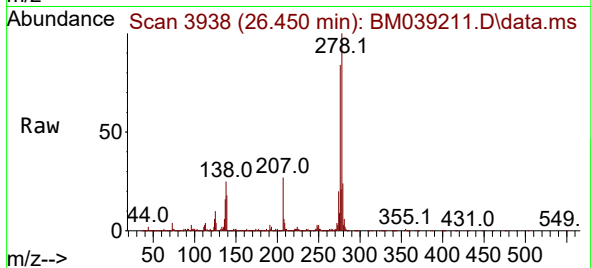
Tgt Ion:278 Resp: 2219624

Ion Ratio Lower Upper

278 100

139 18.4 13.9 20.9

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 47.720 ng

RT: 27.215 min Scan# 4068

Delta R.T. -0.000 min

Lab File: BM039211.D

Acq: 29 Mar 2023 19:05

Tgt Ion:276 Resp: 2152062

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 23.4 19.5 29.3

