

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039024.D
 Acq On : 16 Mar 2023 20:07
 Operator : CG/JU
 Sample : PB151470BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151470BSD

Quant Time: Mar 17 05:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	329774	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1464626	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	893481	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1776327	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1433497	20.000	ng	0.00
86) Perylene-d12	23.980	264	1313564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2321546	106.955	ng	0.00
7) Phenol-d6	7.140	99	3044682	107.992	ng	0.00
23) Nitrobenzene-d5	9.145	82	2756360	92.444	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	976944	94.517	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5873583	85.578	ng	0.00
79) Terphenyl-d14	19.986	244	8115903	103.513	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	329601	34.133	ng	97
3) Pyridine	3.799	79	906728	33.857	ng	97
4) n-Nitrosodimethylamine	3.710	42	491592	45.109	ng	99
6) Aniline	7.298	93	1466871	39.625	ng	98
8) 2-Chlorophenol	7.539	128	1200301	51.942	ng	99
9) Benzaldehyde	7.110	77	940464	70.099	ng	100
10) Phenol	7.163	94	1649068	55.079	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	1174093	48.233	ng	99
12) 1,3-Dichlorobenzene	7.863	146	1144953	46.622	ng	98
13) 1,4-Dichlorobenzene	8.010	146	1173792	46.996	ng	99
14) 1,2-Dichlorobenzene	8.334	146	1137747	47.291	ng	99
15) Benzyl Alcohol	8.222	79	1086459	53.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1623456	52.808	ng	99
17) 2-Methylphenol	8.422	107	1058333	51.458	ng	100
18) Hexachloroethane	9.063	117	447433	48.554	ng	98
19) n-Nitroso-di-n-propyla...	8.792	70	947021	53.329	ng	98
20) 3+4-Methylphenols	8.751	107	1436639	52.314	ng	98
22) Acetophenone	8.804	105	1814694	44.162	ng	# 98
24) Nitrobenzene	9.186	77	1381069	44.068	ng	98
25) Isophorone	9.722	82	2576501	46.957	ng	99
26) 2-Nitrophenol	9.904	139	602504	43.818	ng	99
27) 2,4-Dimethylphenol	9.963	122	1200021	50.194	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	1640024	46.519	ng	100
29) 2,4-Dichlorophenol	10.433	162	1121974	49.499	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	1047243	42.280	ng	99
31) Naphthalene	10.839	128	3560897	42.637	ng	99
32) Benzoic acid	10.110	122	851859	48.496	ng	98
33) 4-Chloroaniline	10.951	127	533039	14.976	ng	98
34) Hexachlorobutadiene	11.127	225	579835	40.822	ng	99
35) Caprolactam	11.745	113	196106	28.427	ng	97
36) 4-Chloro-3-methylphenol	12.074	107	1260903	52.241	ng	99
37) 2-Methylnaphthalene	12.445	142	2465603	44.047	ng	100
38) 1-Methylnaphthalene	12.669	142	2317898	44.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1180747	40.650	ng	98
41) Hexachlorocyclopentadiene	12.798	237	1653962	103.736	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	858508	45.643	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039024.D
 Acq On : 16 Mar 2023 20:07
 Operator : CG/JU
 Sample : PB151470BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151470BSD

Quant Time: Mar 17 05:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

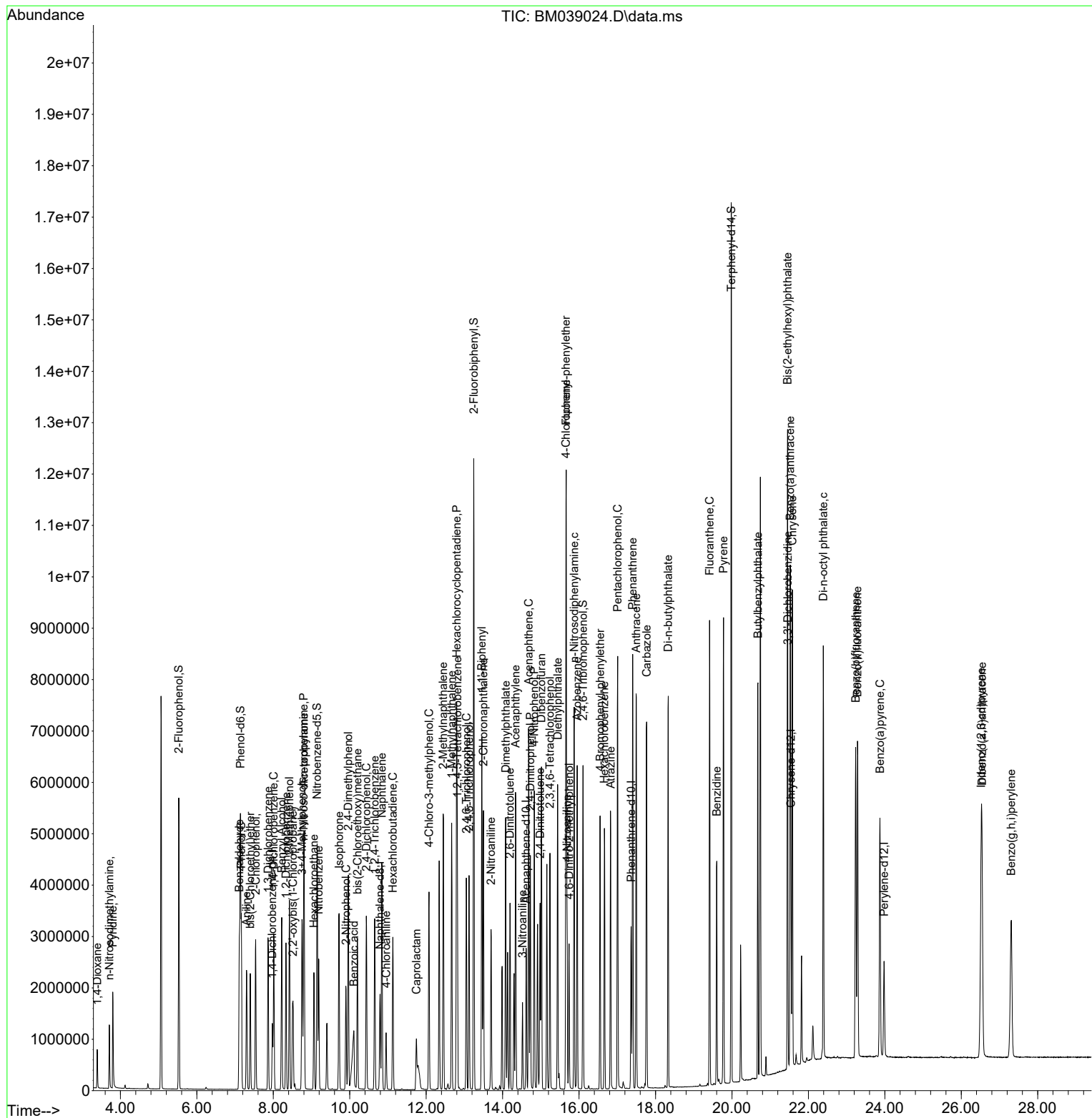
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.121	196	948049	43.061	ng	99
46) 1,1'-Biphenyl	13.457	154	3284588	43.393	ng	99
47) 2-Chloronaphthalene	13.498	162	2445210	42.840	ng	100
48) 2-Nitroaniline	13.698	65	843473	46.240	ng	97
49) Acenaphthylene	14.339	152	3997344	43.967	ng	99
50) Dimethylphthalate	14.080	163	3134516	45.591	ng	100
51) 2,6-Dinitrotoluene	14.192	165	675499	44.531	ng	92
52) Acenaphthene	14.680	154	2407580	43.089	ng	100
53) 3-Nitroaniline	14.521	138	372255	21.839	ng	98
54) 2,4-Dinitrophenol	14.727	184	803616	91.178	ng	96
55) Dibenzofuran	15.015	168	3758321	42.984	ng	99
56) 4-Nitrophenol	14.827	139	1377008	100.846	ng	96
57) 2,4-Dinitrotoluene	14.980	165	924296	46.270	ng	96
58) Fluorene	15.662	166	3073780	44.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	795566	46.855	ng	98
60) Diethylphthalate	15.439	149	3186623	47.635	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1481311	44.024	ng	98
62) 4-Nitroaniline	15.686	138	763463	42.410	ng	98
63) Azobenzene	15.951	77	3459720	48.877	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	496394	43.103	ng	96
66) n-Nitrosodiphenylamine	15.874	169	2661583	44.446	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	840856	43.826	ng	96
68) Hexachlorobenzene	16.662	284	956348	44.588	ng	95
69) Atrazine	16.827	200	861413	52.664	ng	98
70) Pentachlorophenol	17.009	266	1306804	82.839	ng	99
71) Phenanthrene	17.404	178	4593159	44.057	ng	99
72) Anthracene	17.498	178	4685789	45.070	ng	100
73) Carbazole	17.768	167	4376963	46.128	ng	99
74) Di-n-butylphthalate	18.333	149	5351824	46.309	ng	99
75) Fluoranthene	19.415	202	4871455	44.256	ng	97
77) Benzidine	19.603	184	2231271	66.225	ng	99
78) Pyrene	19.780	202	5118182	47.537	ng	100
80) Butylbenzylphthalate	20.680	149	2220688	48.472	ng	100
81) Benzo(a)anthracene	21.527	228	4676443	45.300	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	875998	27.610	ng	100
83) Chrysene	21.580	228	4346164	43.287	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3227121	48.715	ng	99
85) Di-n-octyl phthalate	22.391	149	5220041	47.559	ng	99
87) Indeno(1,2,3-cd)pyrene	26.521	276	4194443	41.964	ng	99
88) Benzo(b)fluoranthene	23.238	252	4157517	49.542	ng	100
89) Benzo(k)fluoranthene	23.286	252	4171567	47.765	ng	99
90) Benzo(a)pyrene	23.874	252	3545738	43.902	ng	100
91) Dibenzo(a,h)anthracene	26.544	278	3540980	41.832	ng	99
92) Benzo(g,h,i)perylene	27.309	276	3338200	40.309	ng	99

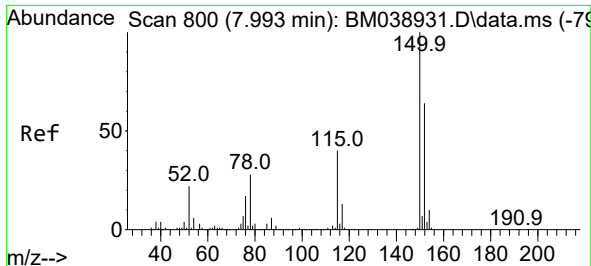
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039024.D
 Acq On : 16 Mar 2023 20:07
 Operator : CG/JU
 Sample : PB151470BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151470BSD

Quant Time: Mar 17 05:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

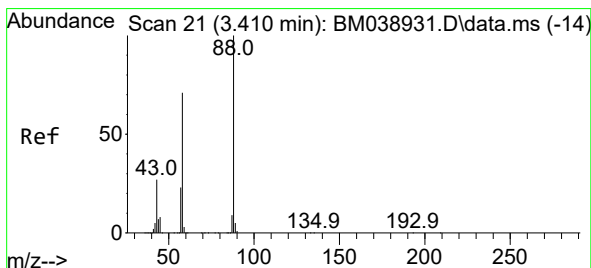
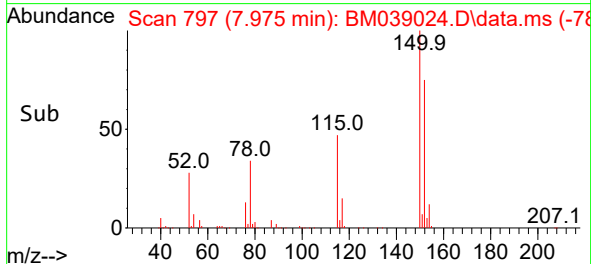
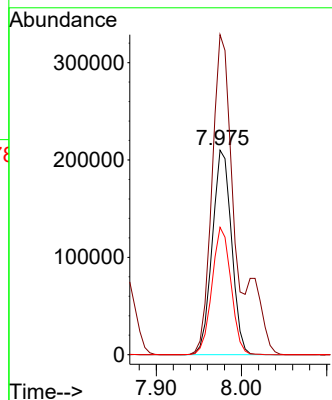
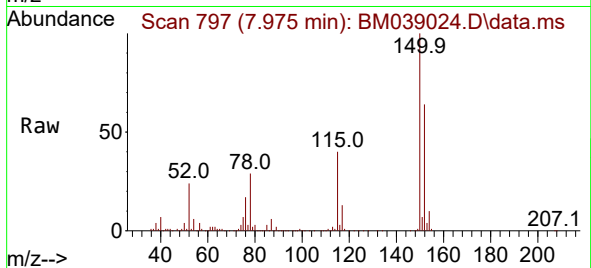




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

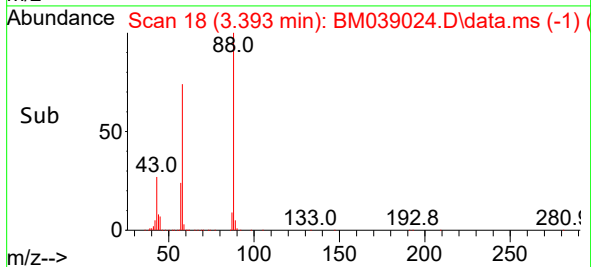
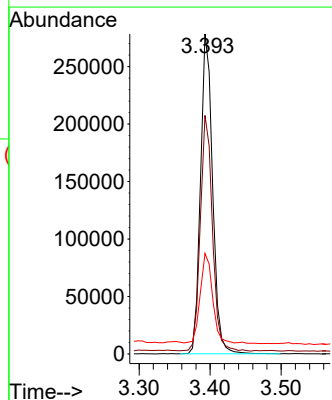
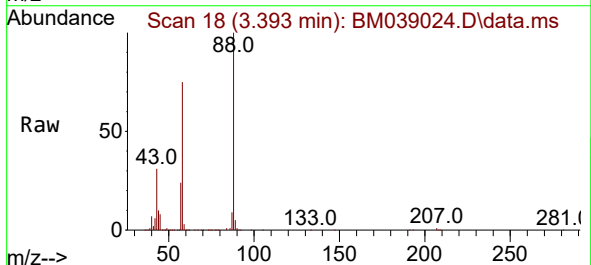
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

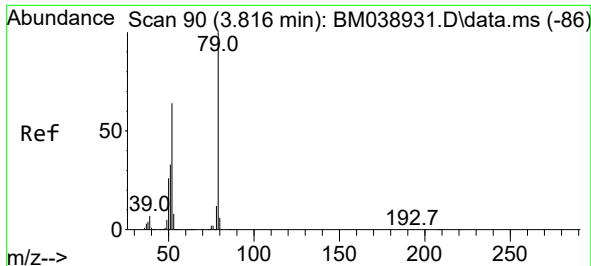
Tgt Ion:152 Resp: 329774
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 62.3 49.6 74.4



#2
1,4-Dioxane
Concen: 34.133 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 88 Resp: 329601
Ion Ratio Lower Upper
88 100
58 73.9 57.2 85.8
43 29.5 22.0 33.0

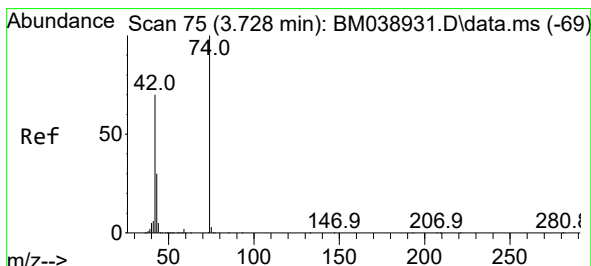
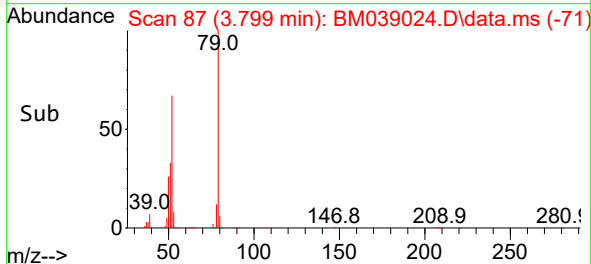
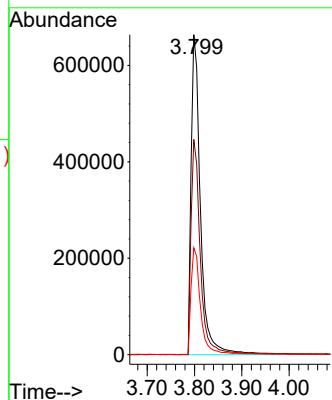
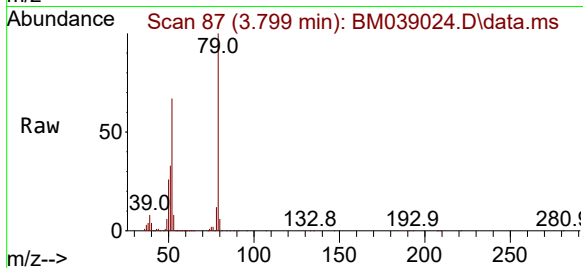




#3
 Pyridine
 Concen: 33.857 ng
 RT: 3.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039024.D
 Acq: 16 Mar 2023 20:07

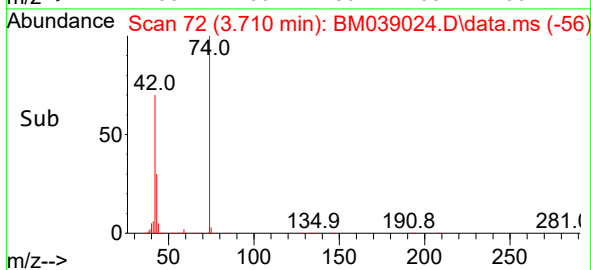
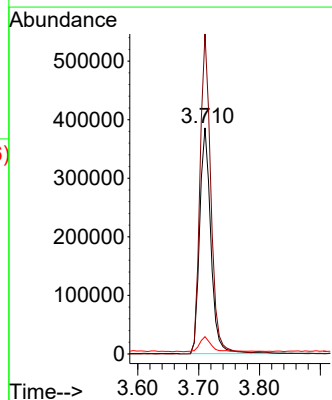
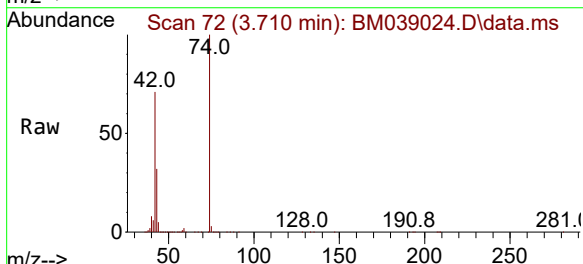
Instrument :
 BNA_M
 ClientSampleId :
 PB151470BSD

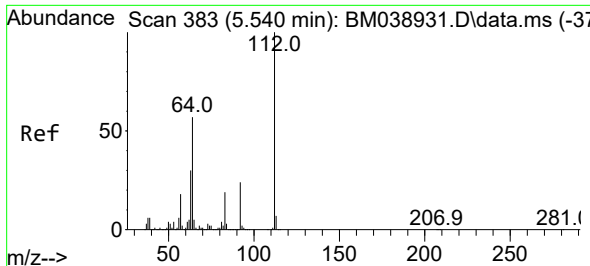
Tgt Ion: 79 Resp: 906728
 Ion Ratio Lower Upper
 79 100
 52 67.2 51.4 77.2
 51 33.4 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 45.109 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039024.D
 Acq: 16 Mar 2023 20:07

Tgt Ion: 42 Resp: 491592
 Ion Ratio Lower Upper
 42 100
 74 141.6 113.8 170.8
 44 7.6 6.2 9.2

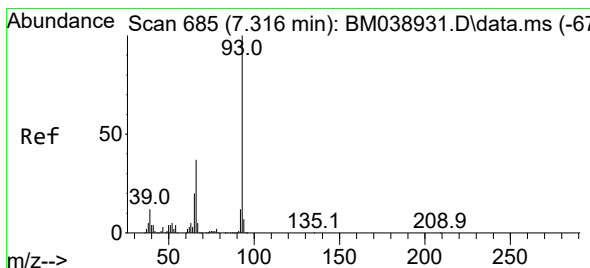
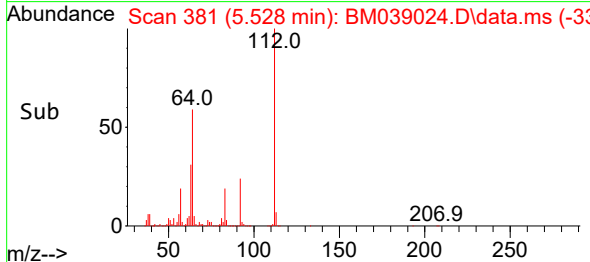
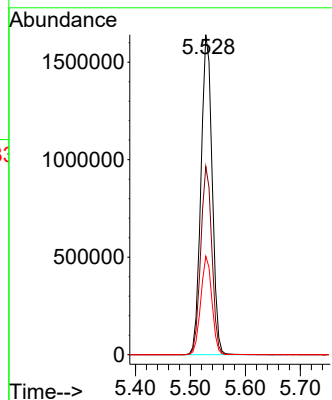
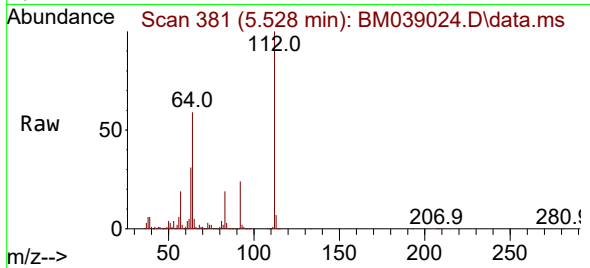




#5
2-Fluorophenol
Concen: 106.955 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

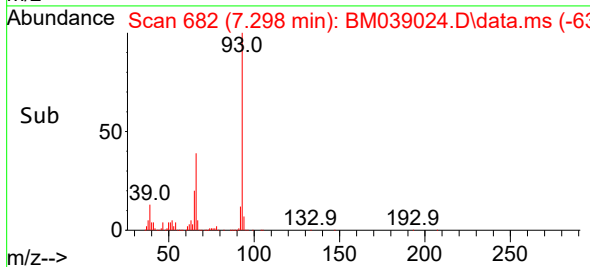
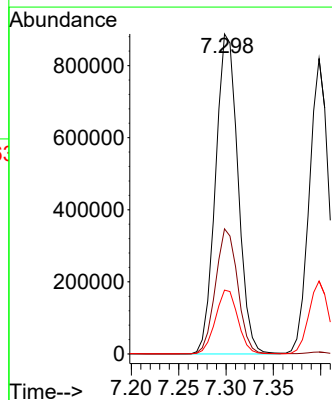
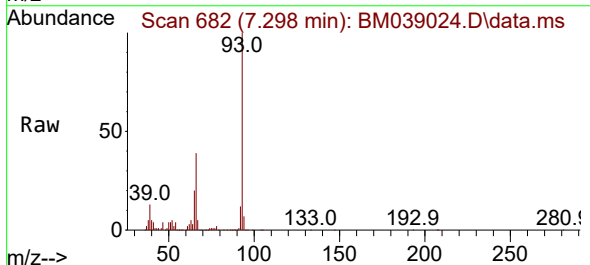
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

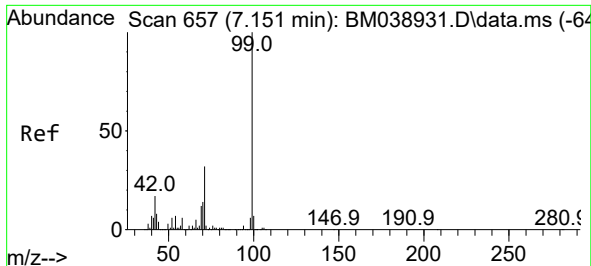
Tgt Ion:112 Resp: 2321546
Ion Ratio Lower Upper
112 100
64 58.8 45.9 68.9
63 30.7 23.8 35.8



#6
Aniline
Concen: 39.625 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 93 Resp: 1466871
Ion Ratio Lower Upper
93 100
66 39.1 30.0 45.0
65 20.0 15.8 23.6



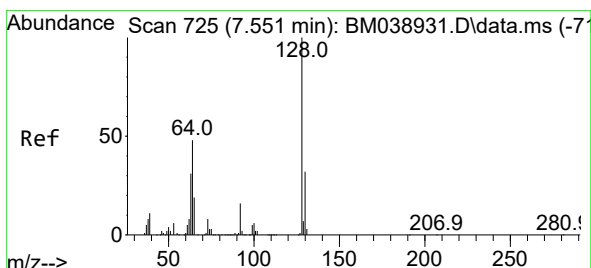
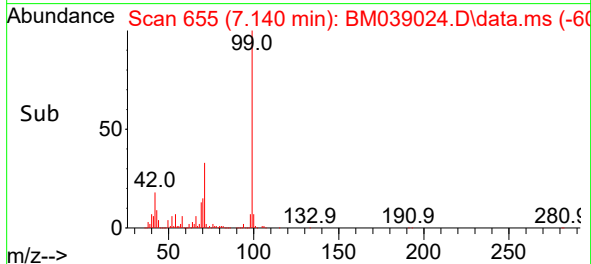
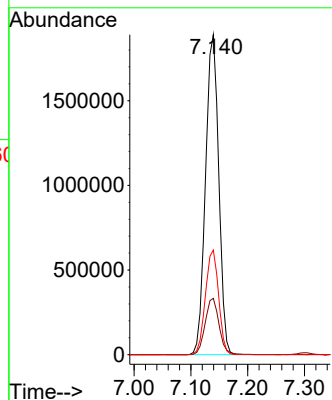
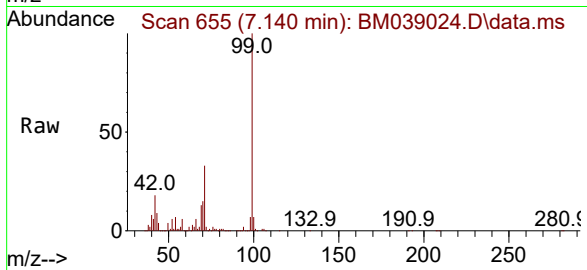


#7
Phenol-d6
Concen: 107.992 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Instrument :
BNA_M
ClientSampleId :
PB151470BSD

Tgt Ion: 99 Resp: 3044682

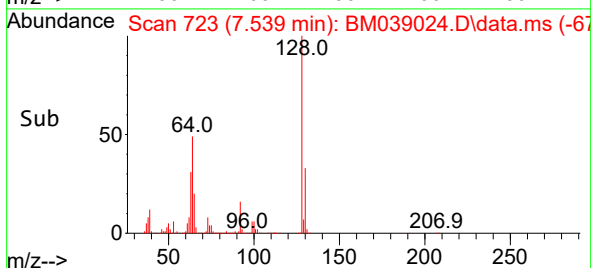
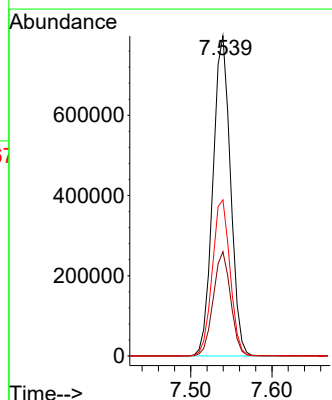
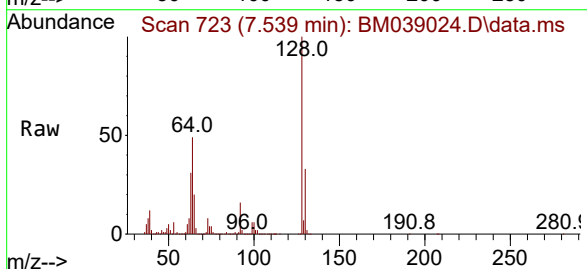
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.7	25.6	38.4

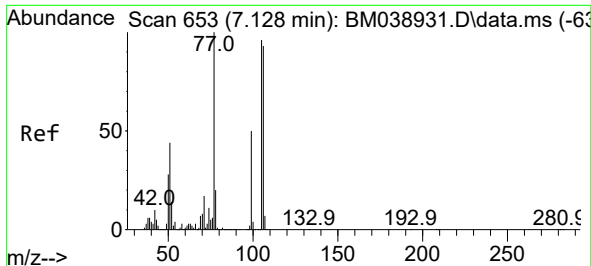


#8
2-Chlorophenol
Concen: 51.942 ng
RT: 7.539 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:128 Resp: 1200301

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.9	51.9
64	48.8	28.6	68.6

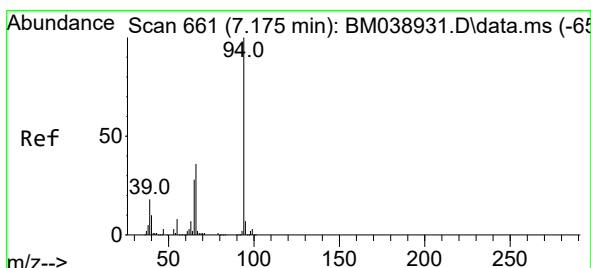
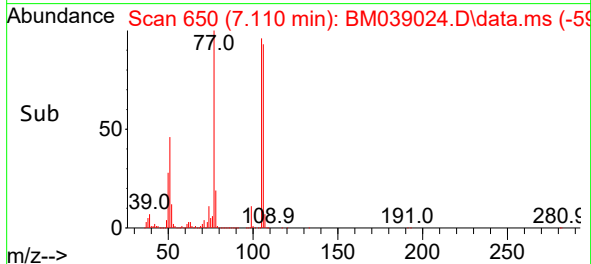
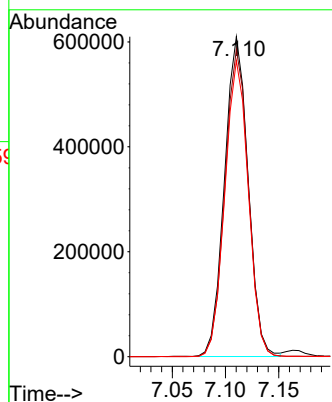
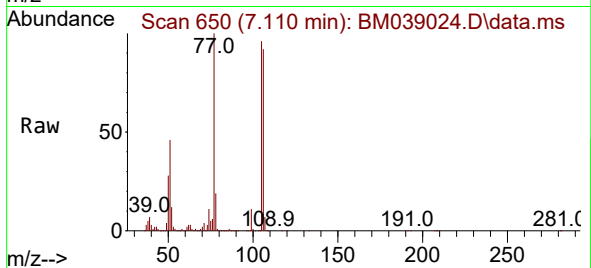




#9
Benzaldehyde
Concen: 70.099 ng
RT: 7.110 min Scan# 610
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

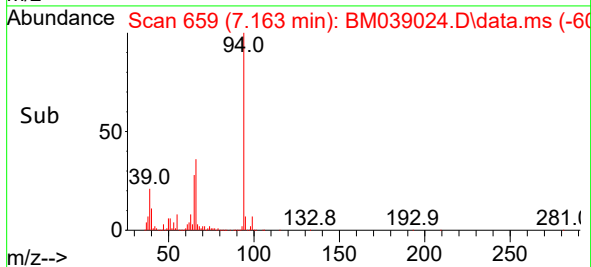
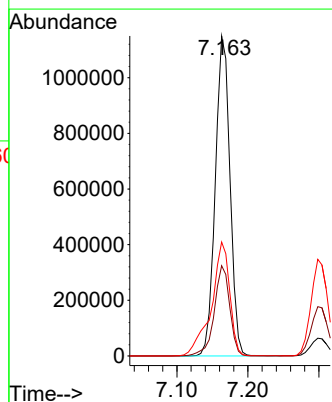
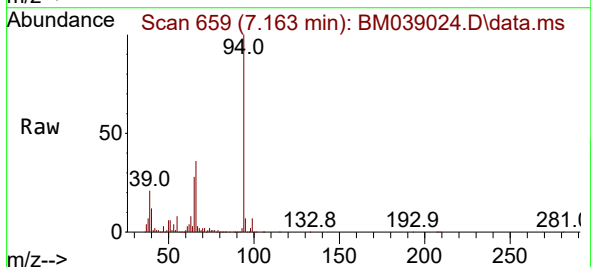
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

Tgt Ion: 77 Resp: 940464
Ion Ratio Lower Upper
77 100
105 95.9 75.8 115.8
106 92.5 72.6 112.6



#10
Phenol
Concen: 55.079 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 94 Resp: 1649068
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 35.6 15.8 55.8



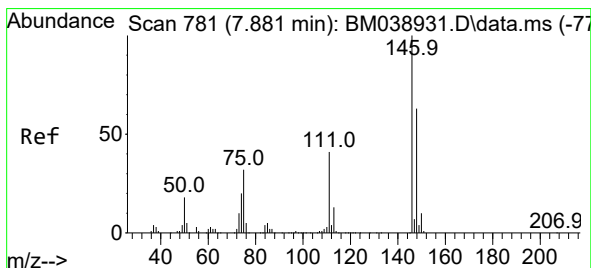
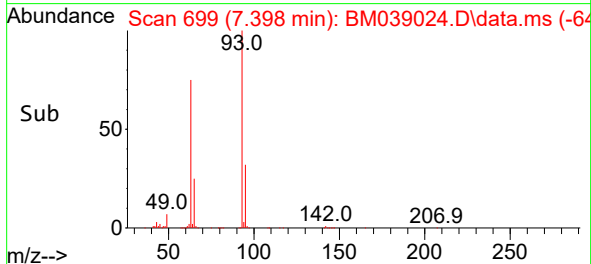
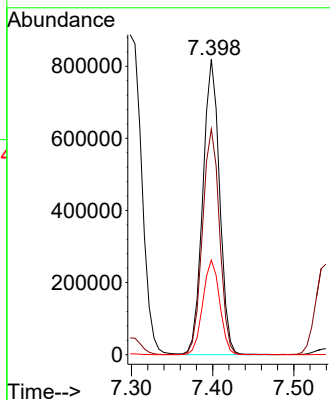
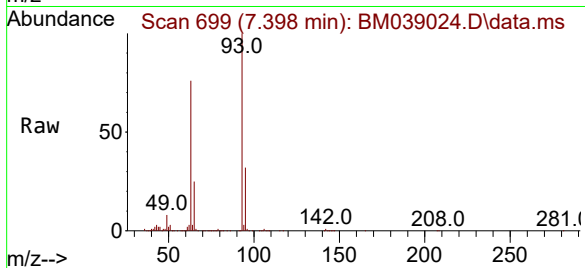


#11
bis(2-Chloroethyl)ether
Concen: 48.233 ng
RT: 7.398 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Instrument :
BNA_M
ClientSampleId :
PB151470BSD

Tgt Ion: 93 Resp: 1174093

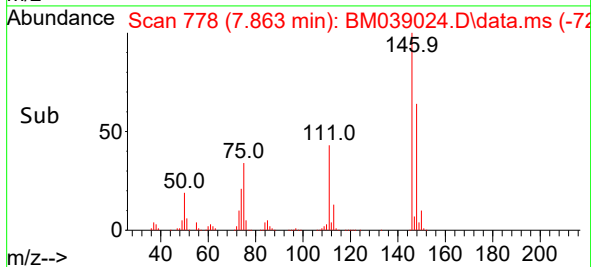
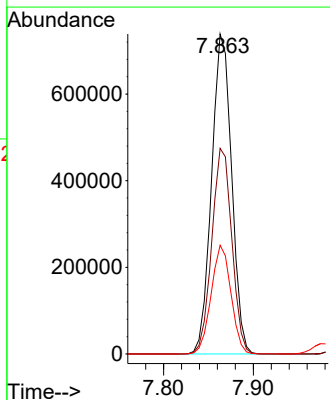
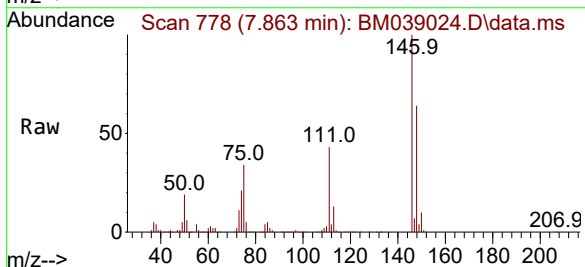
Ion	Ratio	Lower	Upper
93	100		
63	76.4	55.8	95.8
95	32.0	12.2	52.2

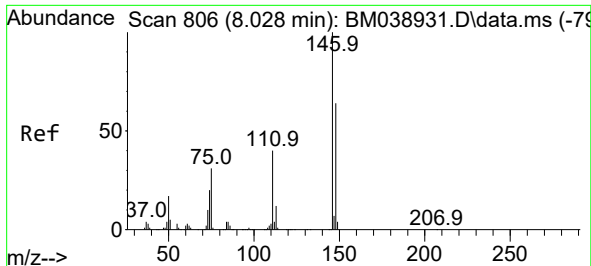


#12
1,3-Dichlorobenzene
Concen: 46.622 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 146 Resp: 1144953

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
75	33.9	26.0	39.0

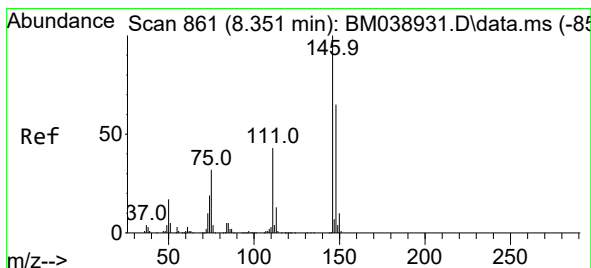
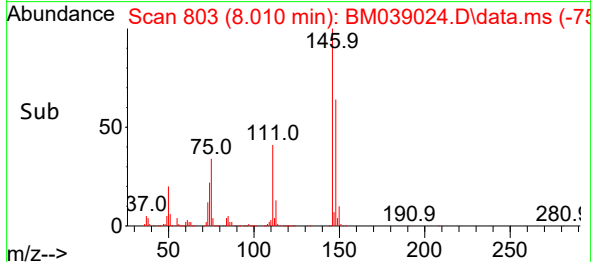
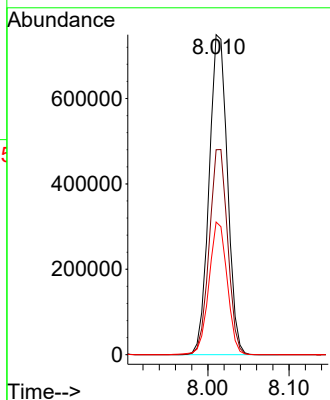
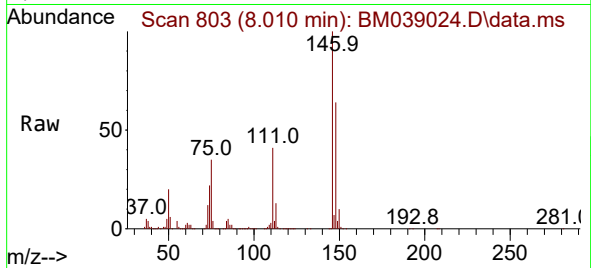




#13
1,4-Dichlorobenzene
Concen: 46.996 ng
RT: 8.010 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

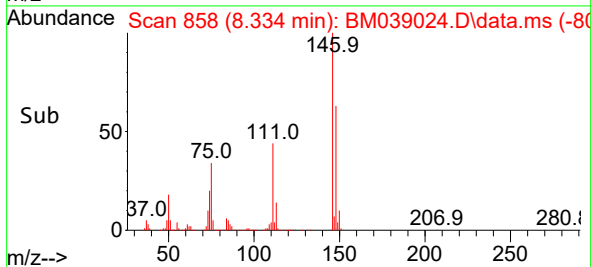
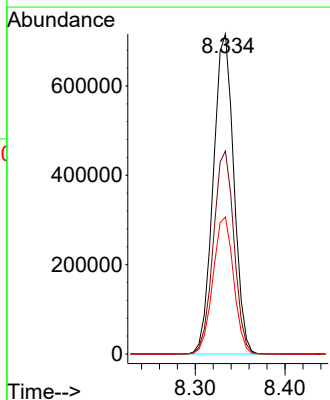
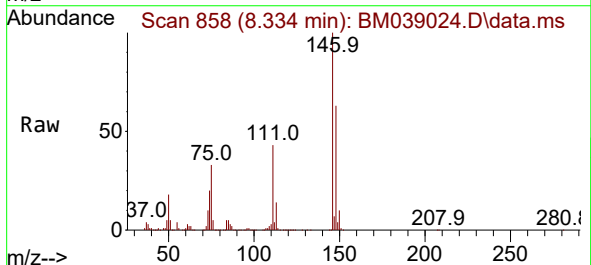
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

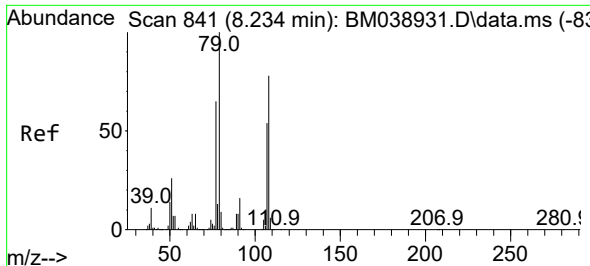
Tgt Ion:146 Resp: 1173792
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 41.5 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.291 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:146 Resp: 1137747
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 42.8 34.2 51.4

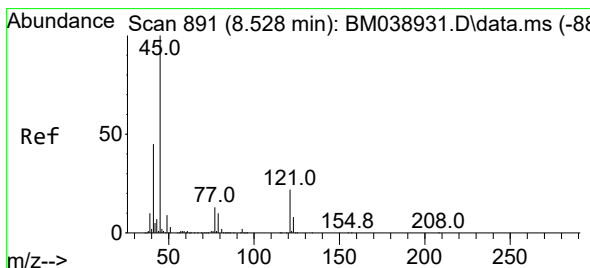
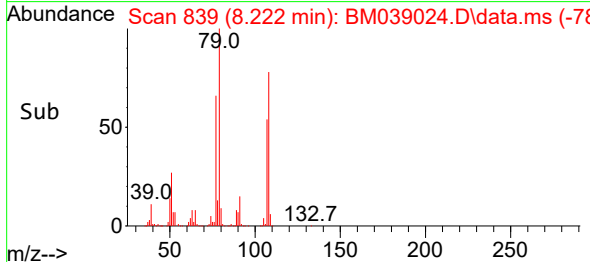
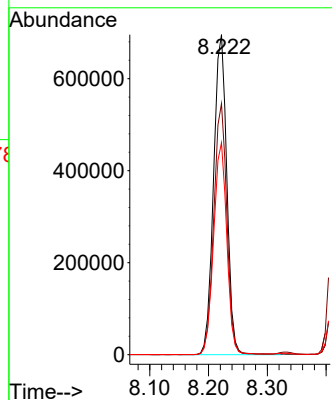
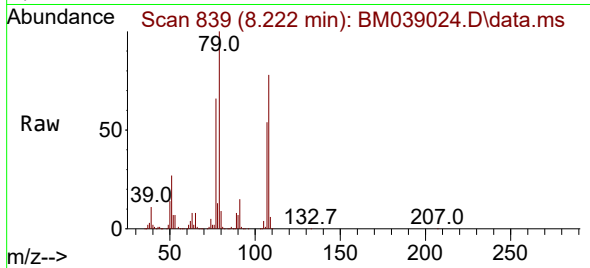




#15
Benzyl Alcohol
Concen: 53.764 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

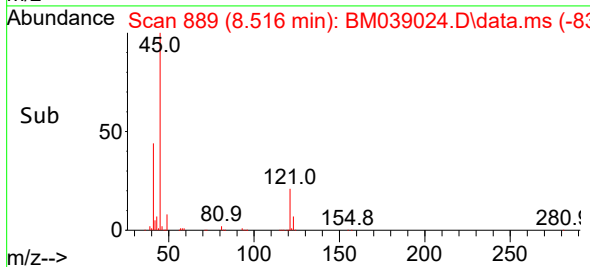
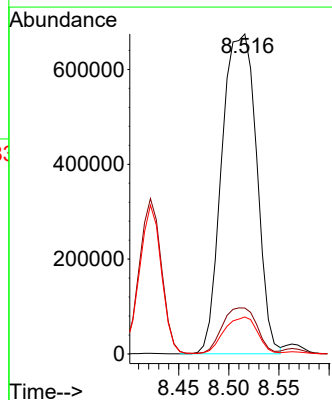
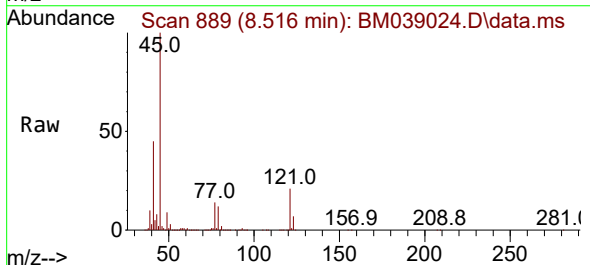
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

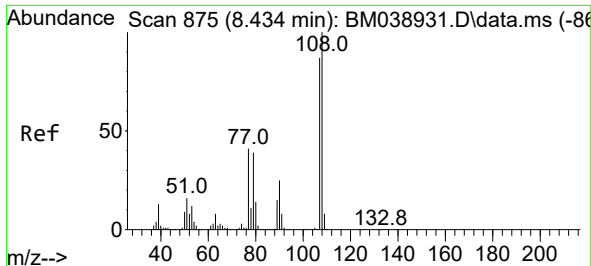
Tgt Ion: 79 Resp: 1086459
Ion Ratio Lower Upper
79 100
108 78.4 62.4 93.6
77 66.2 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.808 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 45 Resp: 1623456
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.8
79 11.6 0.0 31.5

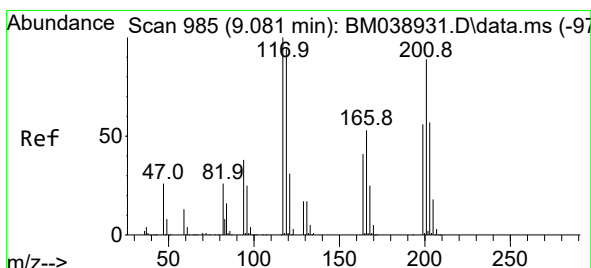
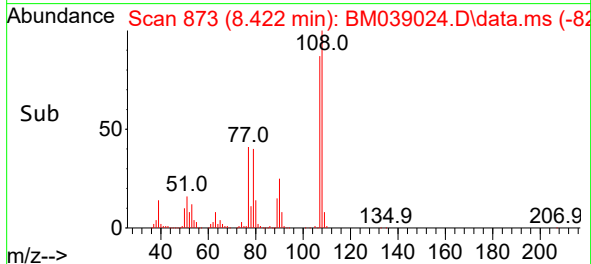
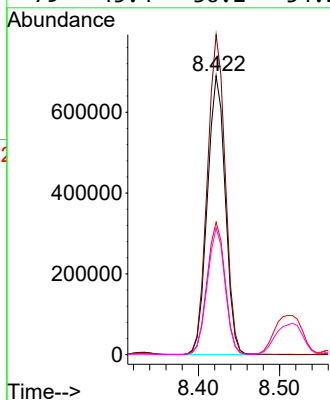
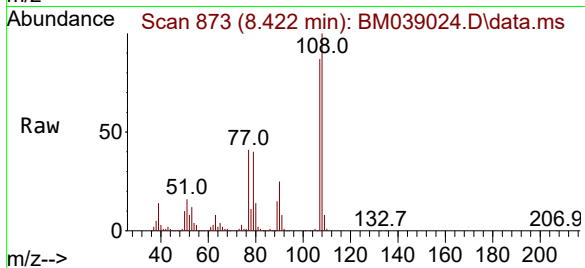




#17
2-Methylphenol
Concen: 51.458 ng
RT: 8.422 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

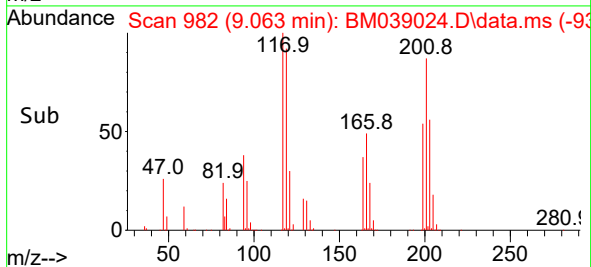
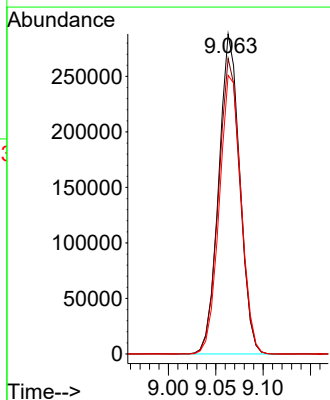
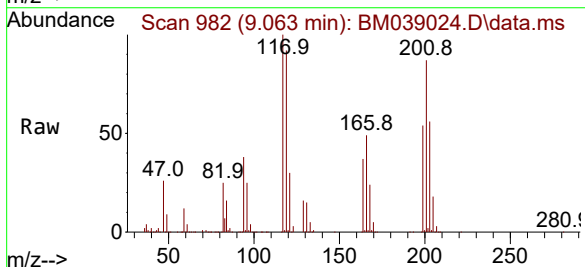
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

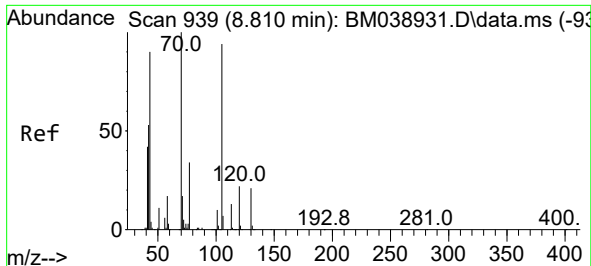
Tgt Ion:107 Resp: 1058333
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 47.5 37.4 56.2
79 45.4 36.2 54.2



#18
Hexachloroethane
Concen: 48.554 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:117 Resp: 447433
Ion Ratio Lower Upper
117 100
119 92.4 75.4 113.0
201 87.0 71.3 106.9



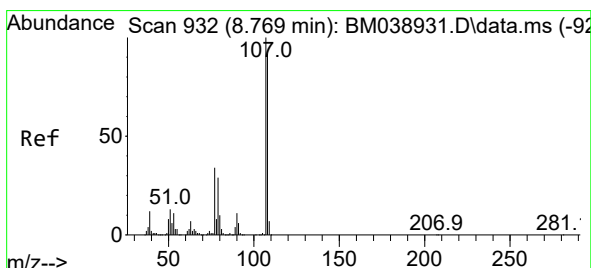
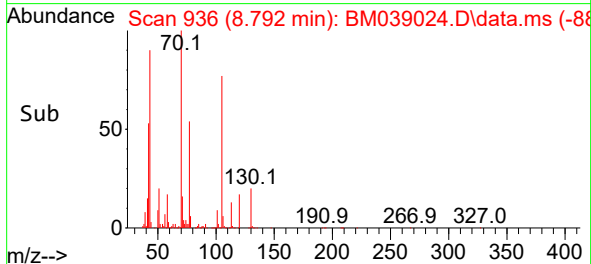
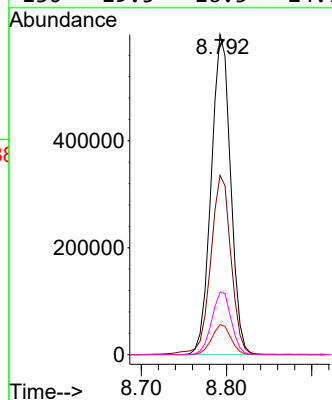
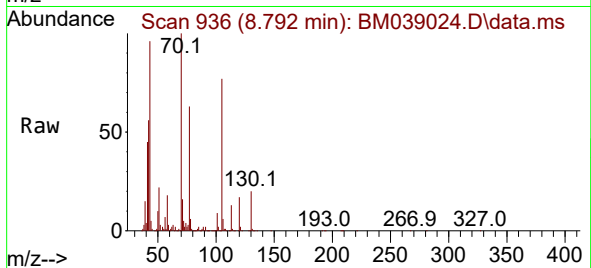


#19
n-Nitroso-di-n-propylamine
Concen: 53.329 ng
RT: 8.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Instrument :
BNA_M
ClientSampleId :
PB151470BSD

Tgt Ion: 70 Resp: 947021

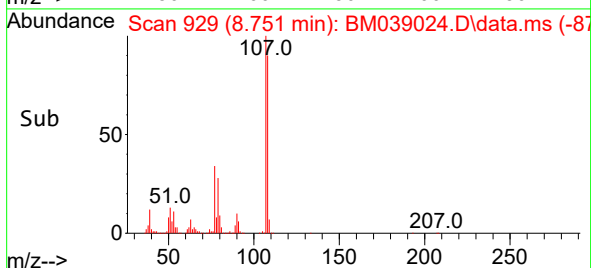
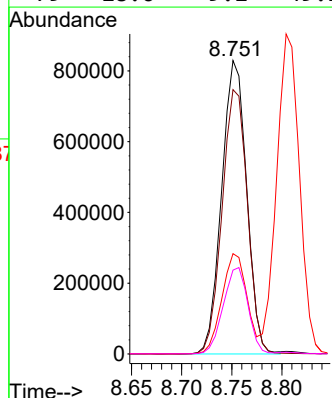
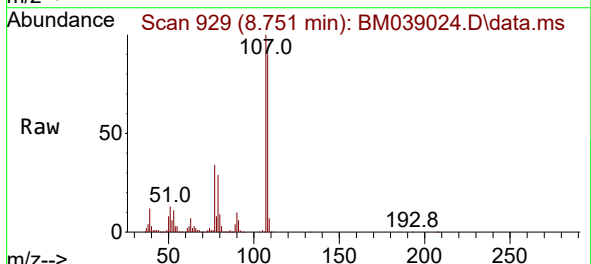
Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.4	65.2
101	9.4	7.6	11.4
130	19.5	16.5	24.7

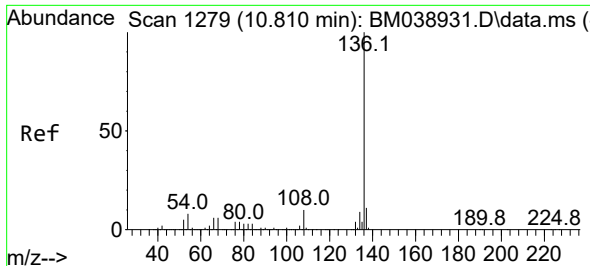


#20
3+4-Methylphenols
Concen: 52.314 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 107 Resp: 1436639

Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.8	111.8
77	34.2	13.6	53.6
79	28.6	9.2	49.2

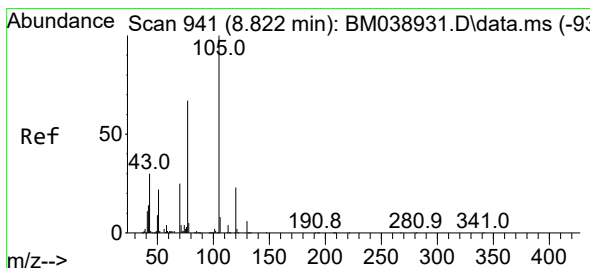
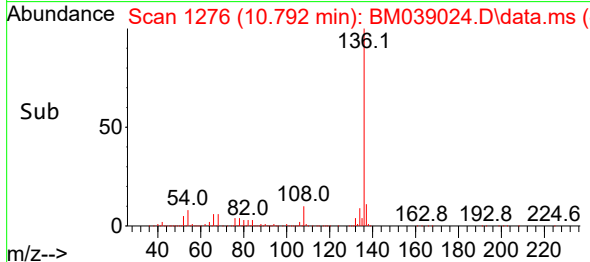
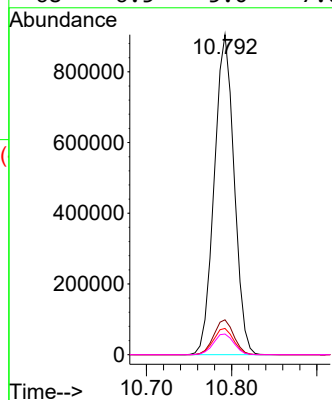
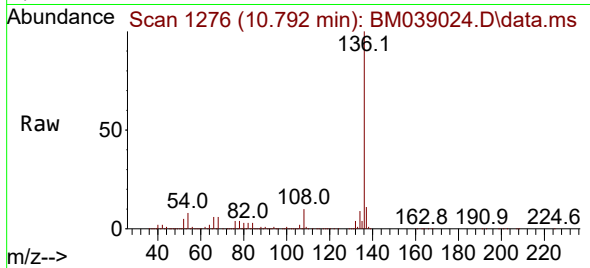




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

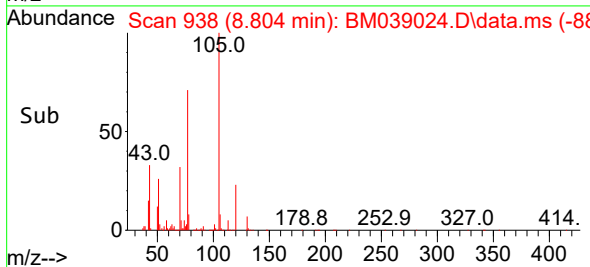
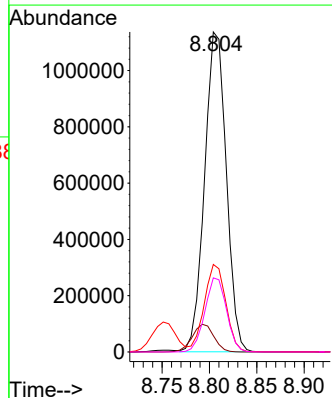
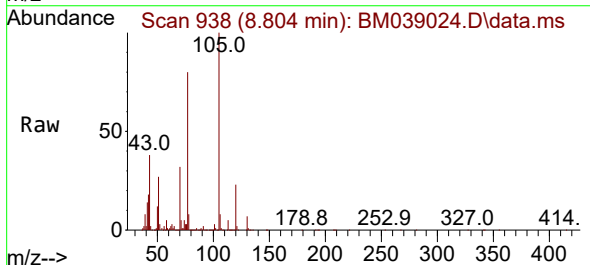
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

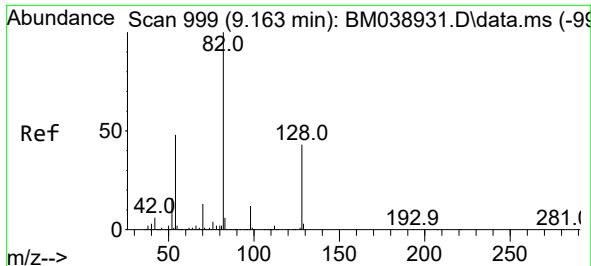
Tgt Ion:136 Resp: 1464626
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.3 9.5
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 44.162 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:105 Resp: 1814694
Ion Ratio Lower Upper
105 100
71 5.1 3.4 5.0#
51 27.4 21.0 31.4
120 23.2 18.1 27.1

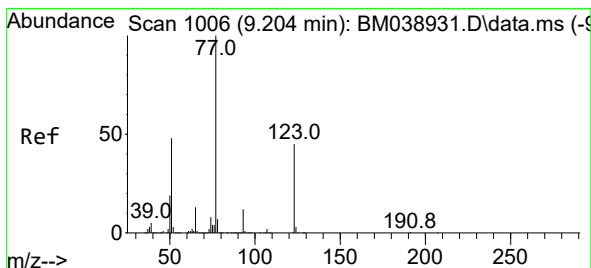
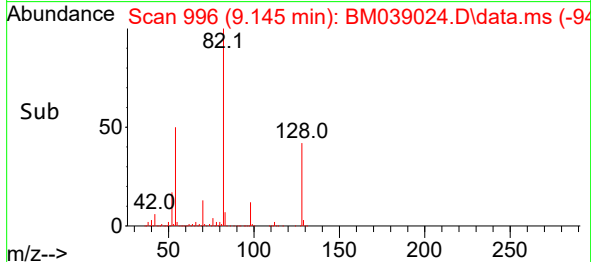
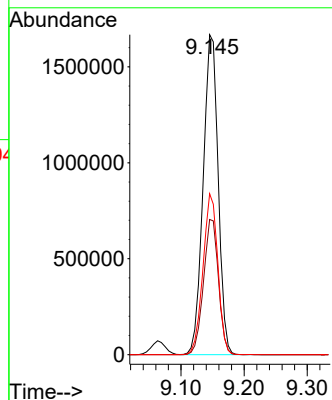
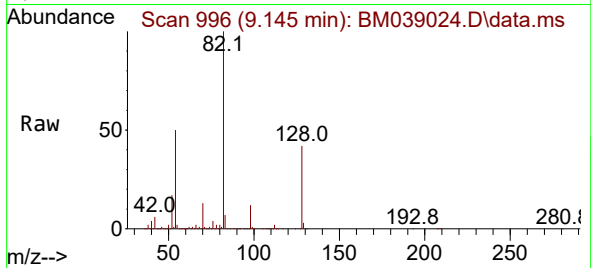




#23
Nitrobenzene-d5
Concen: 92.444 ng
RT: 9.145 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

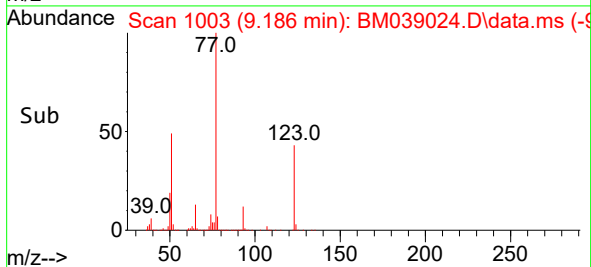
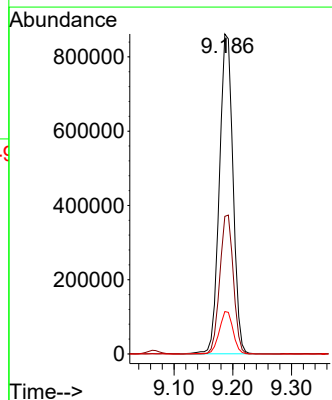
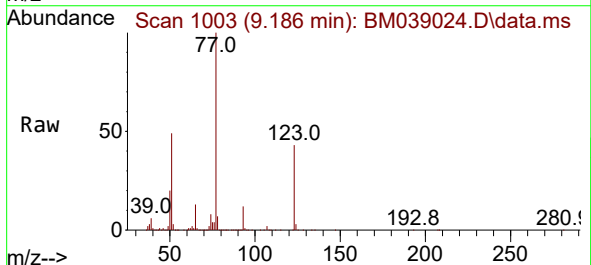
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

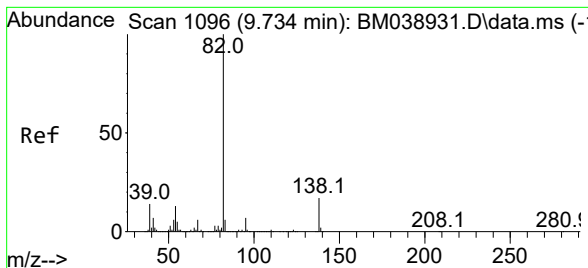
Tgt Ion: 82 Resp: 2756360
Ion Ratio Lower Upper
82 100
128 42.3 34.4 51.6
54 50.3 38.8 58.2



#24
Nitrobenzene
Concen: 44.068 ng
RT: 9.186 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 77 Resp: 1381069
Ion Ratio Lower Upper
77 100
123 43.0 35.8 53.6
65 13.2 10.2 15.4





#25

Isophorone

Concen: 46.957 ng

RT: 9.722 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

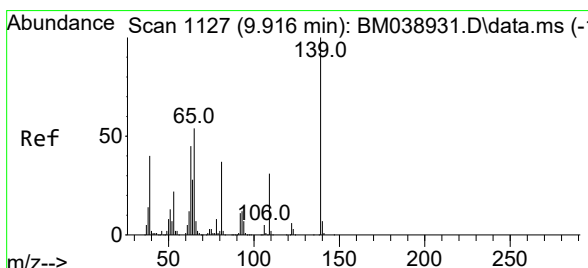
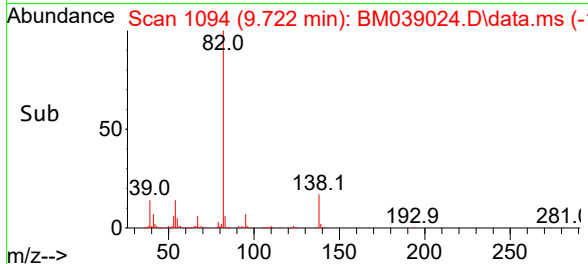
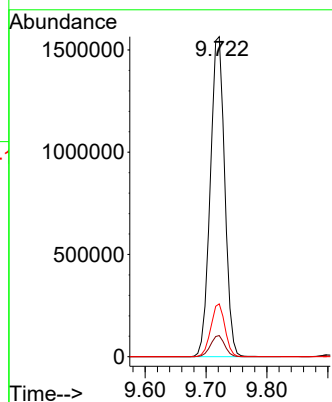
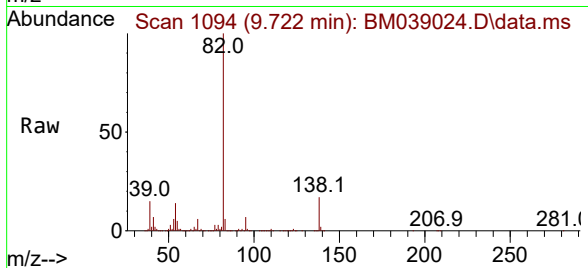
Tgt Ion: 82 Resp: 2576501

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.5 13.6 20.4



#26

2-Nitrophenol

Concen: 43.818 ng

RT: 9.904 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

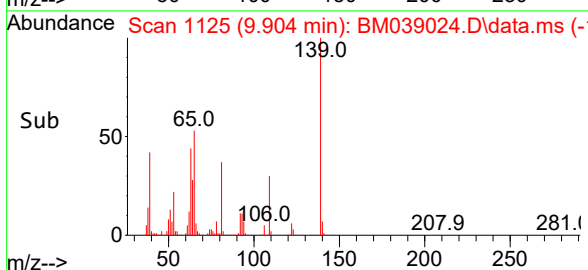
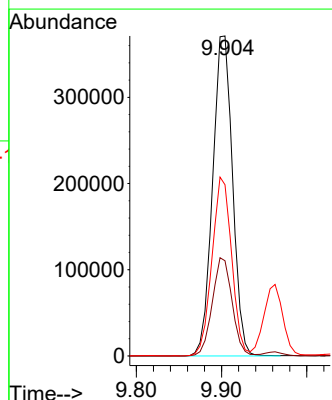
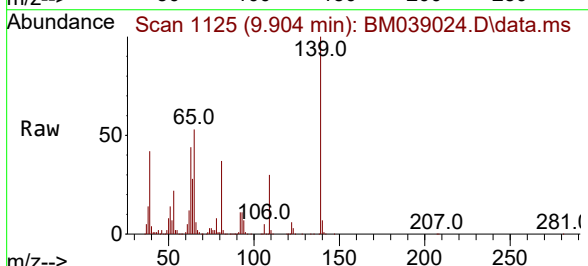
Tgt Ion: 139 Resp: 602504

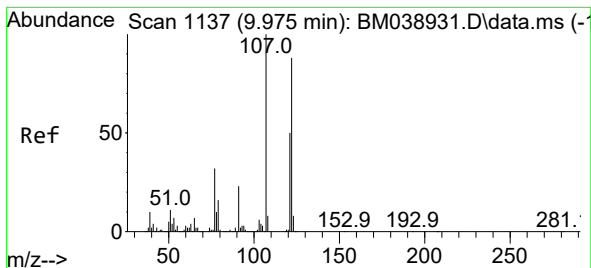
Ion Ratio Lower Upper

139 100

109 29.8 24.5 36.7

65 53.5 43.0 64.6

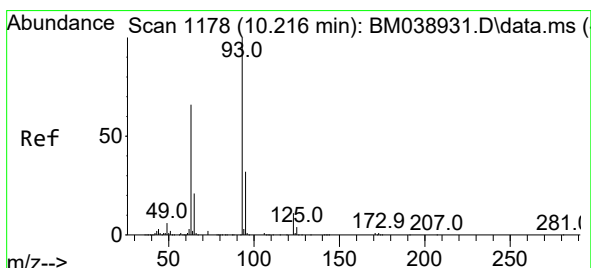
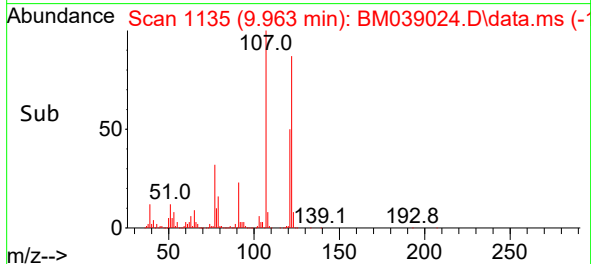
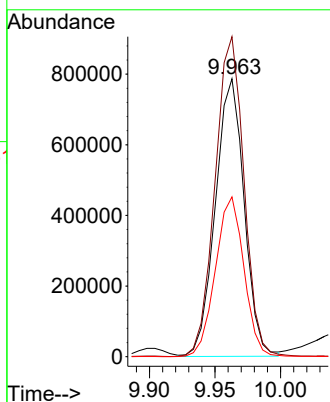
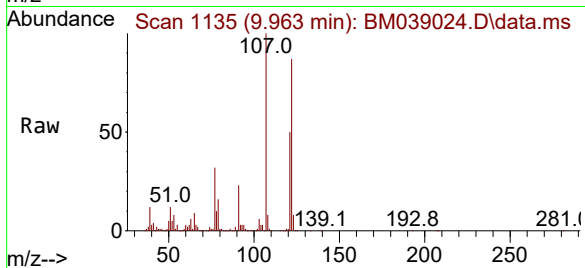




#27
2,4-Dimethylphenol
Concen: 50.194 ng
RT: 9.963 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

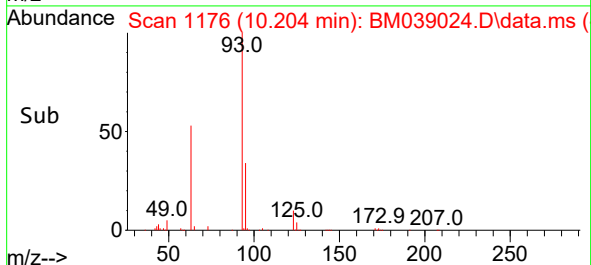
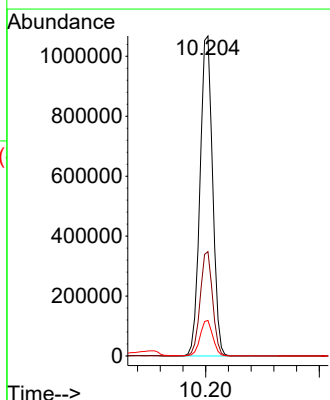
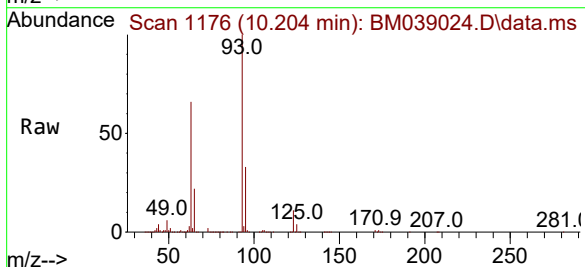
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

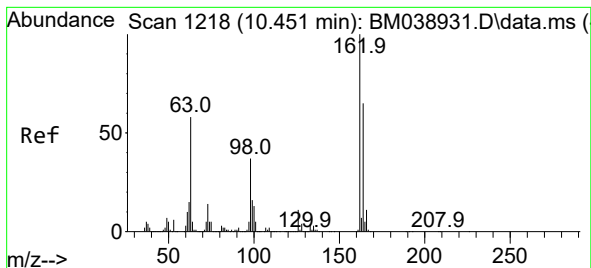
Tgt Ion:122 Resp: 1200021
Ion Ratio Lower Upper
122 100
107 115.1 91.0 136.4
121 57.5 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 46.519 ng
RT: 10.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 93 Resp: 1640024
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.499 ng

RT: 10.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

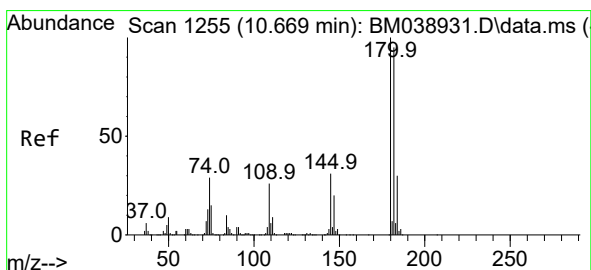
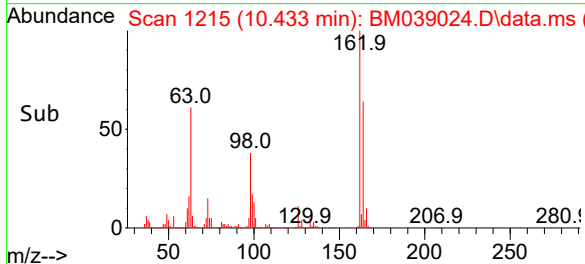
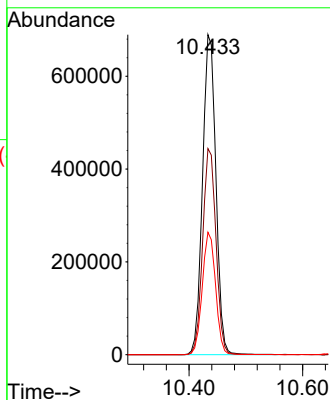
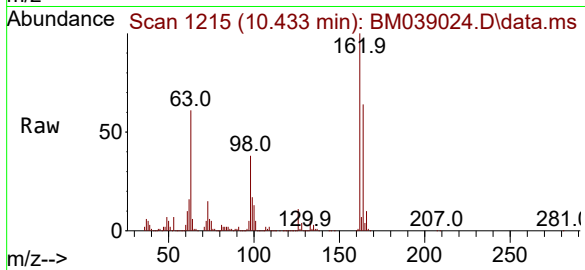
Tgt Ion:162 Resp: 1121974

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

98 38.3 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 42.280 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

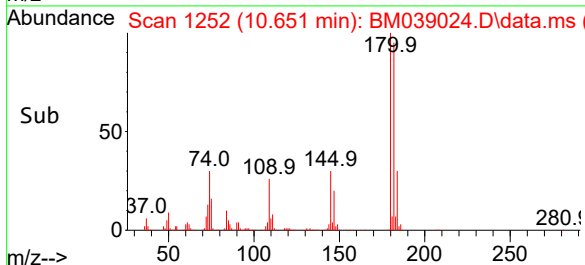
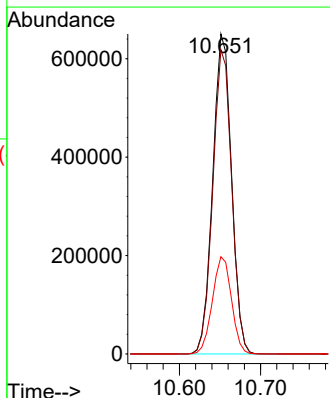
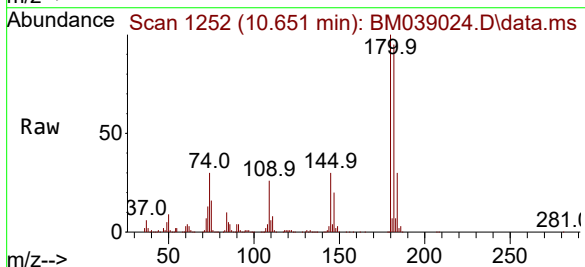
Tgt Ion:180 Resp: 1047243

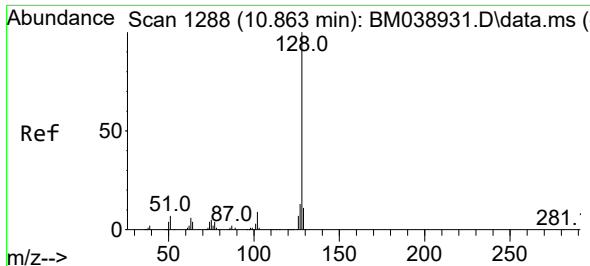
Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 30.4 25.0 37.4

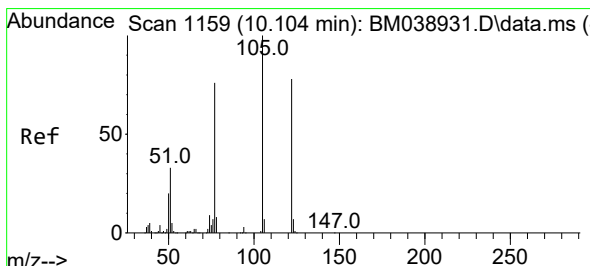
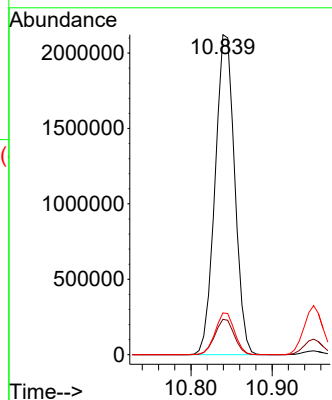
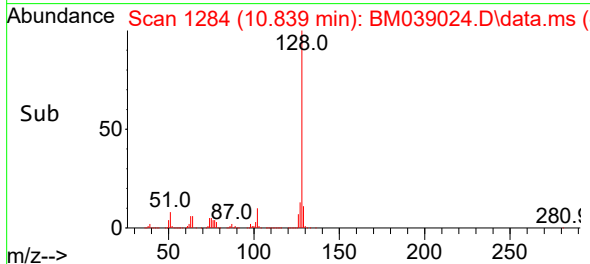
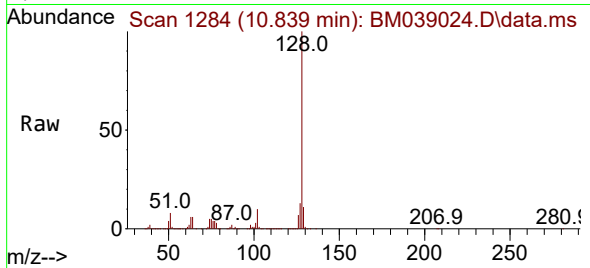




#31
Naphthalene
Concen: 42.637 ng
RT: 10.839 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

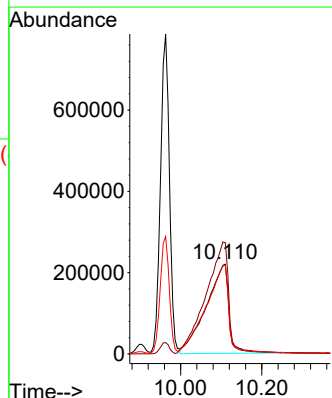
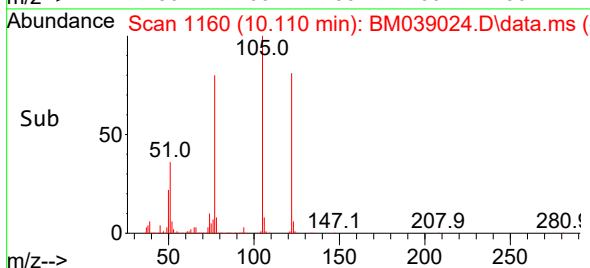
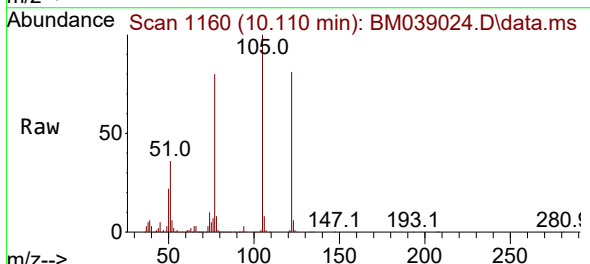
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

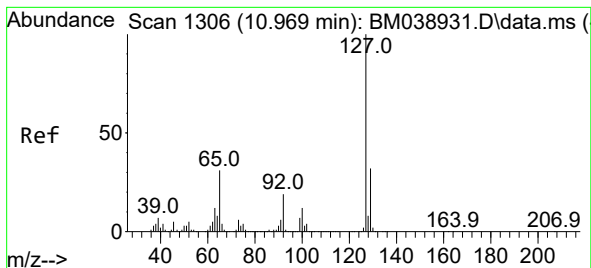
Tgt Ion:128 Resp: 3560897
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 48.496 ng
RT: 10.110 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:122 Resp: 851859
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 99.2 75.1 115.1





#33

4-Chloroaniline

Concen: 14.976 ng

RT: 10.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

Tgt Ion:127 Resp: 533039

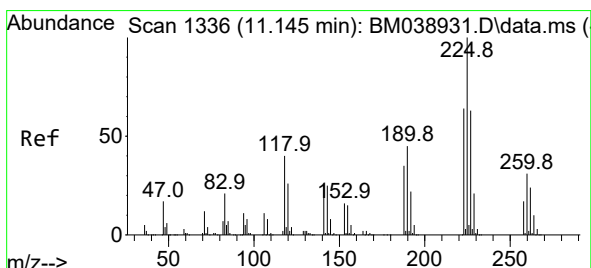
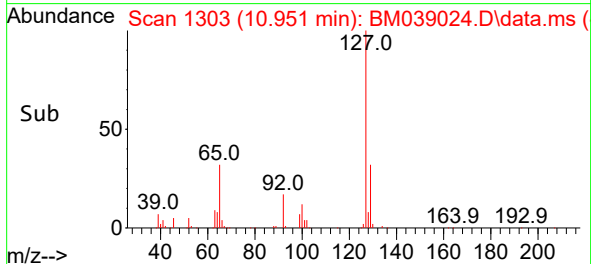
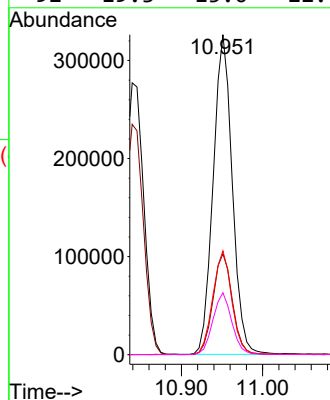
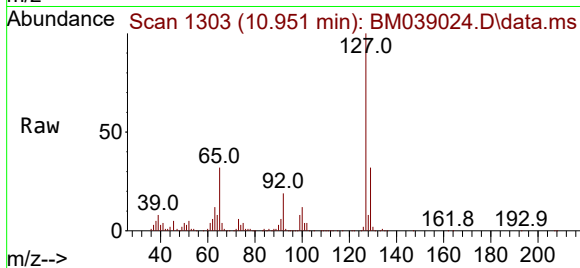
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.2

65 32.4 24.4 36.6

92 19.3 15.0 22.4



#34

Hexachlorobutadiene

Concen: 40.822 ng

RT: 11.127 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

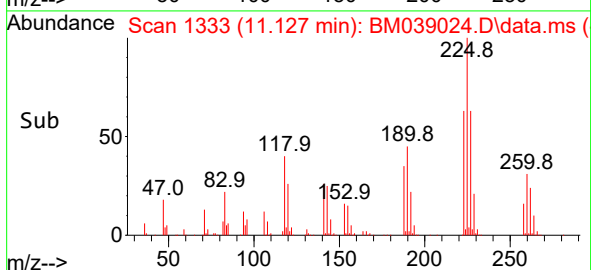
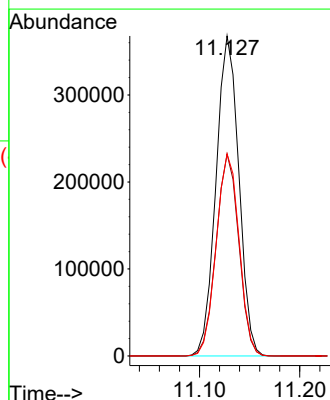
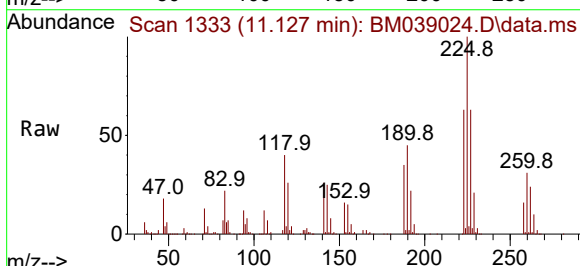
Tgt Ion:225 Resp: 579835

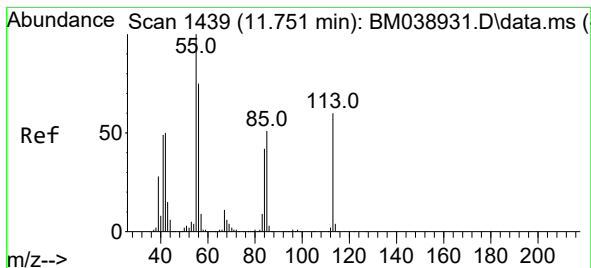
Ion Ratio Lower Upper

225 100

223 63.1 51.3 76.9

227 63.2 50.6 76.0





#35

Caprolactam

Concen: 28.427 ng

RT: 11.745 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

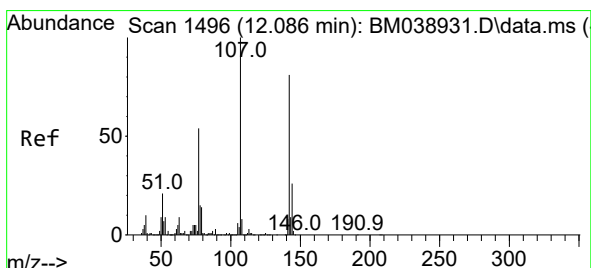
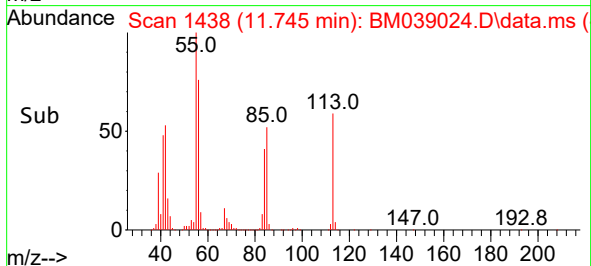
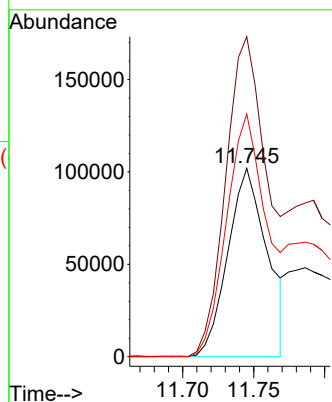
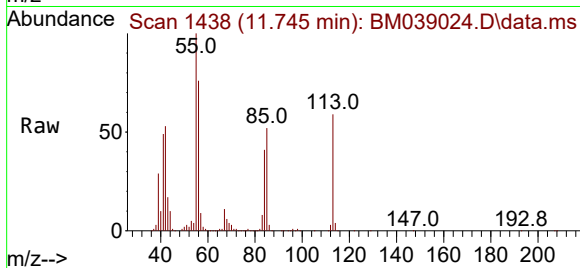
Tgt Ion:113 Resp: 196106

Ion Ratio Lower Upper

113 100

55 169.9 147.0 187.0

56 128.9 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 52.241 ng

RT: 12.074 min Scan# 1494

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

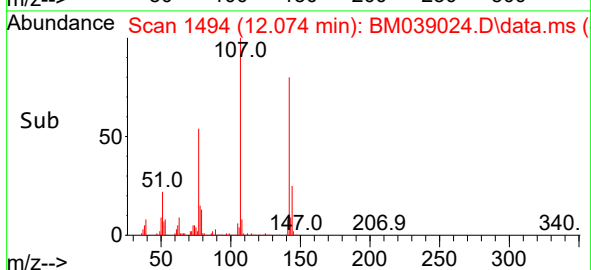
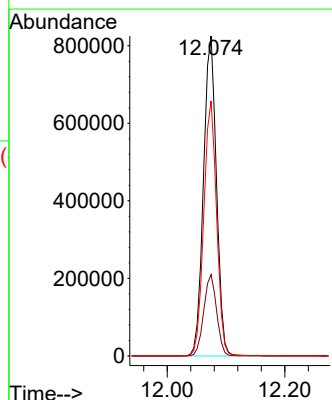
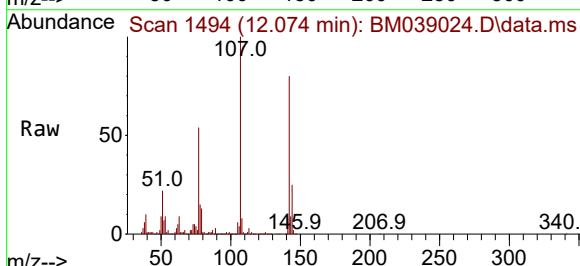
Tgt Ion:107 Resp: 1260903

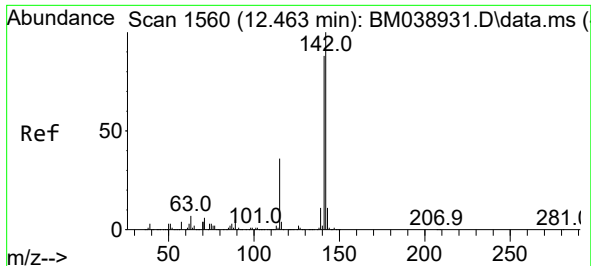
Ion Ratio Lower Upper

107 100

144 25.5 20.7 31.1

142 79.7 64.6 97.0





#37

2-Methylnaphthalene

Concen: 44.047 ng

RT: 12.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

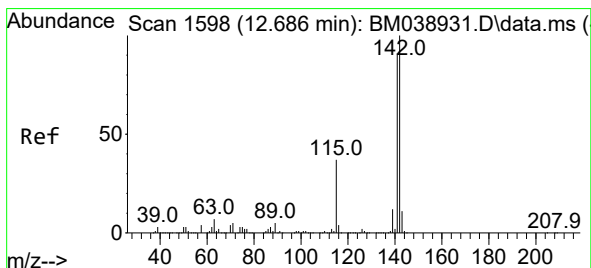
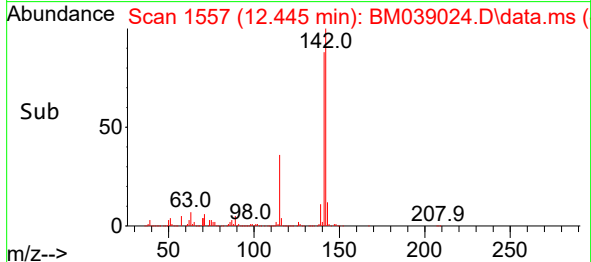
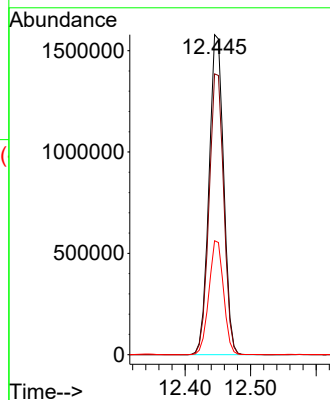
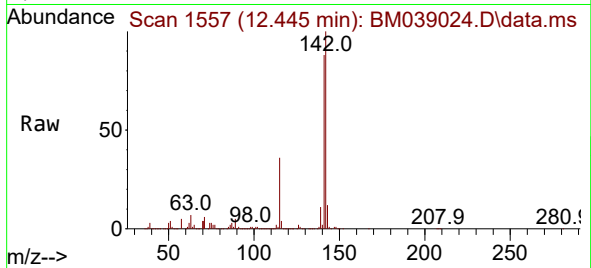
Tgt Ion:142 Resp: 2465603

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

115 35.6 28.5 42.7



#38

1-Methylnaphthalene

Concen: 44.186 ng

RT: 12.669 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

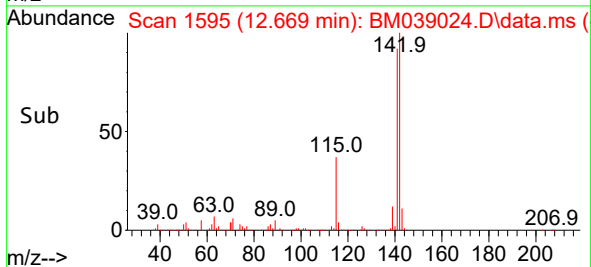
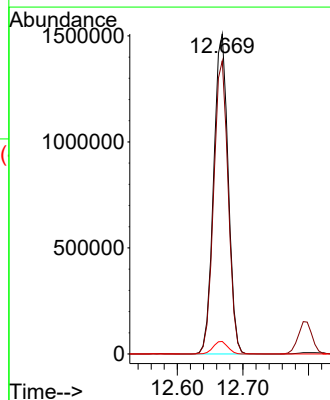
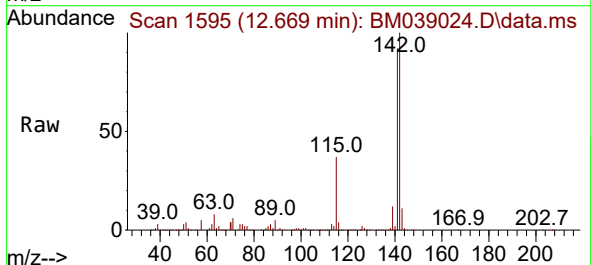
Tgt Ion:142 Resp: 2317898

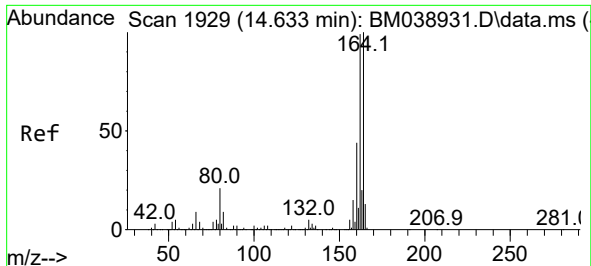
Ion Ratio Lower Upper

142 100

141 91.6 72.8 109.2

116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

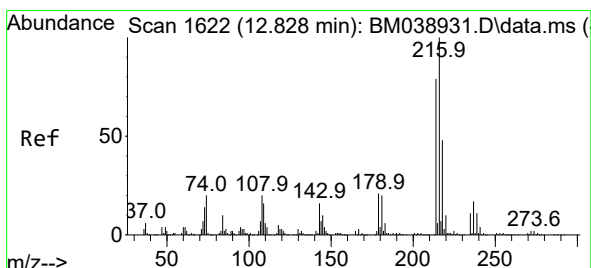
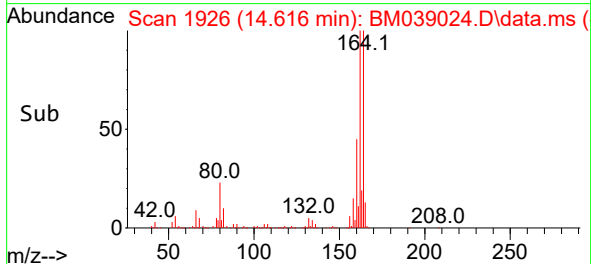
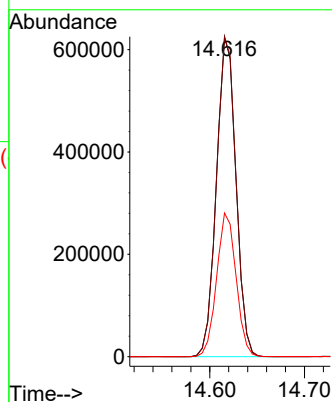
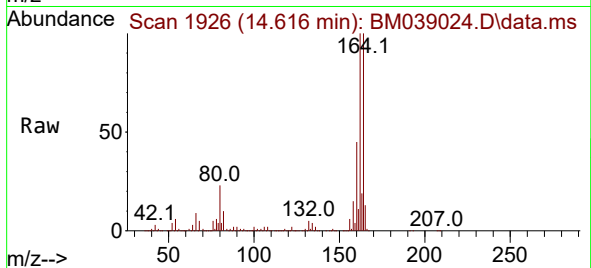
Tgt Ion:164 Resp: 893481

Ion Ratio Lower Upper

164 100

162 99.9 79.2 118.8

160 44.9 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.650 ng

RT: 12.816 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Tgt Ion:216 Resp: 1180747

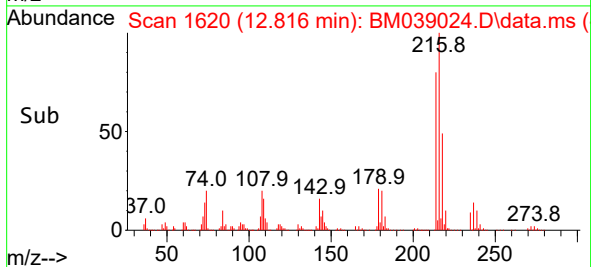
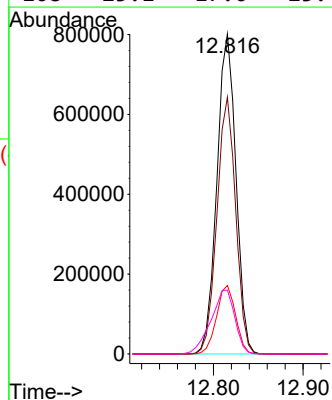
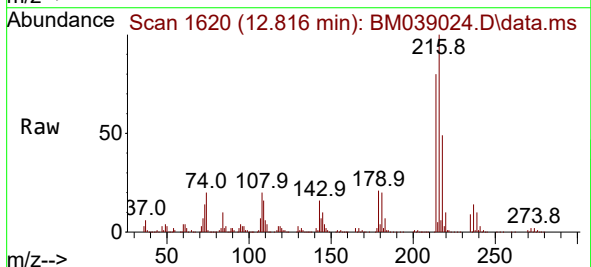
Ion Ratio Lower Upper

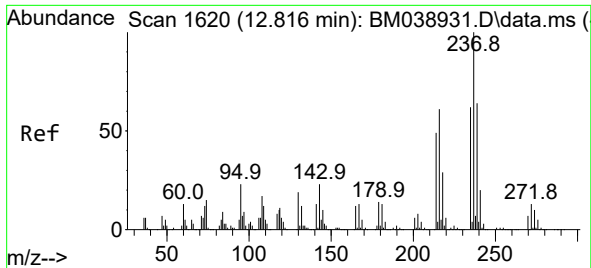
216 100

214 79.0 63.0 94.4

179 21.4 16.8 25.2

108 25.1 17.0 25.4

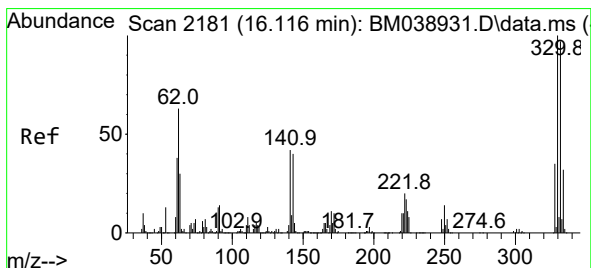
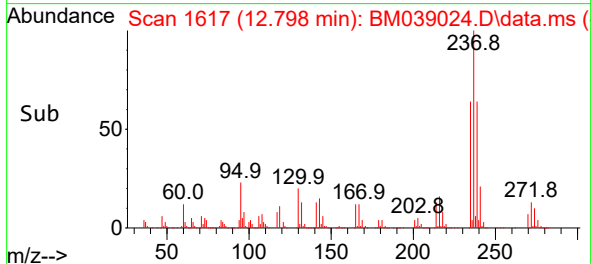
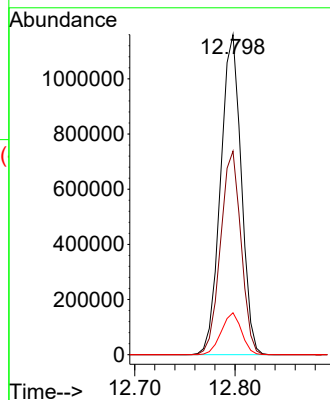
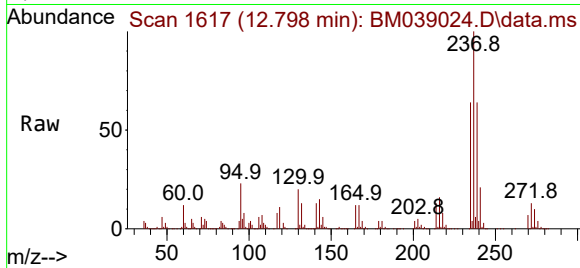




#41
Hexachlorocyclopentadiene
Concen: 103.736 ng
RT: 12.798 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

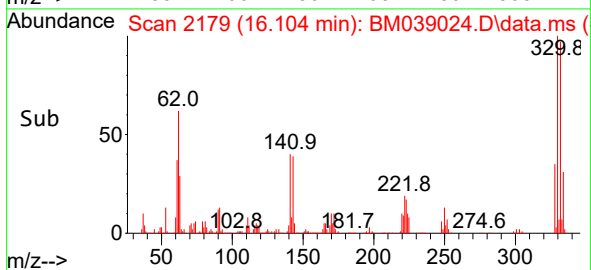
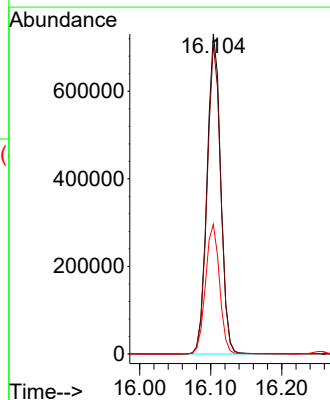
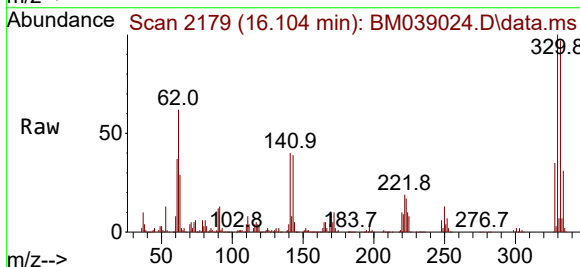
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

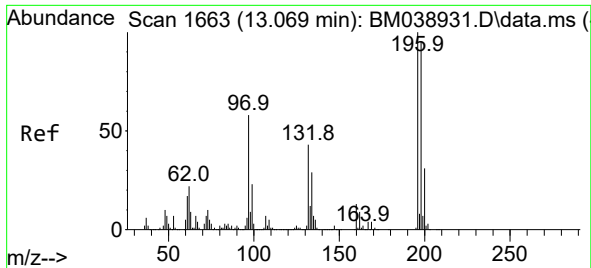
Tgt Ion:237 Resp: 1653962
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 94.517 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:330 Resp: 976944
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 41.7 32.2 48.4

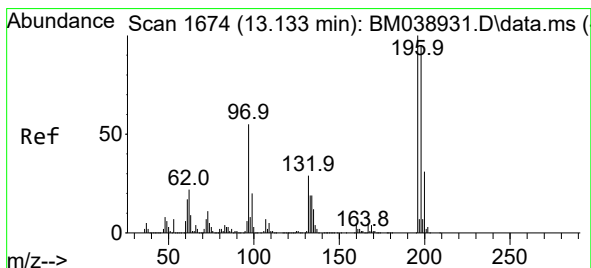
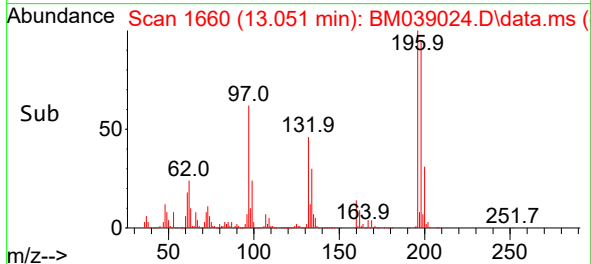
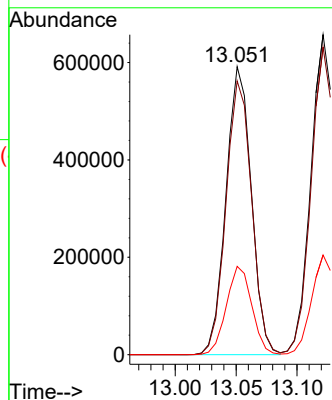
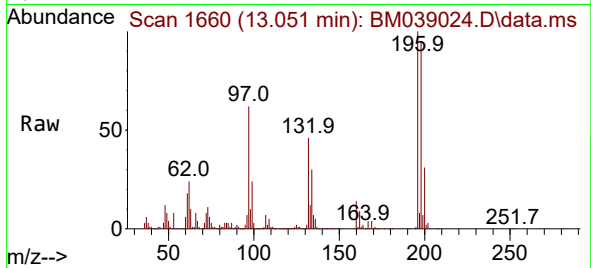




#43
2,4,6-Trichlorophenol
Concen: 45.643 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

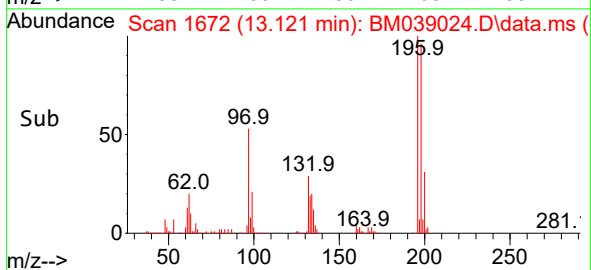
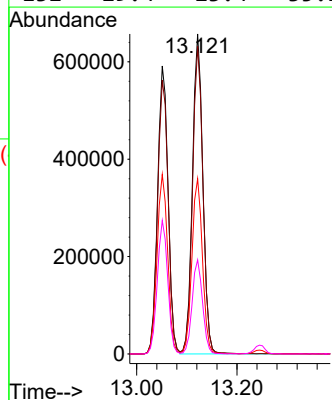
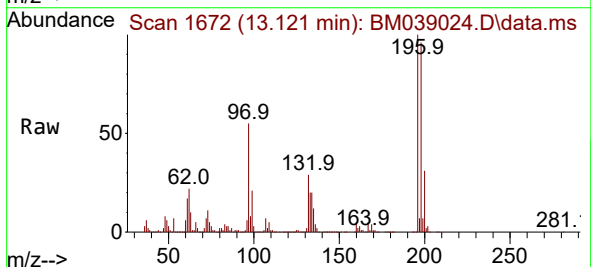
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

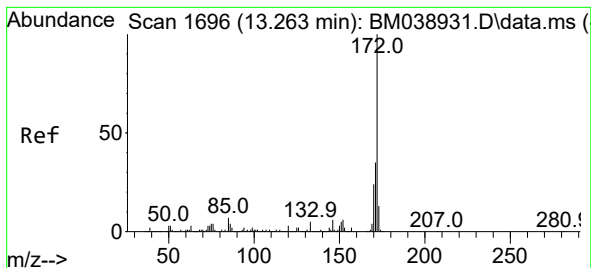
Tgt Ion:196 Resp: 858508
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.8
200 30.7 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 43.061 ng
RT: 13.121 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:196 Resp: 948049
Ion Ratio Lower Upper
196 100
198 96.1 76.3 114.5
97 54.7 44.2 66.4
132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 85.578 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

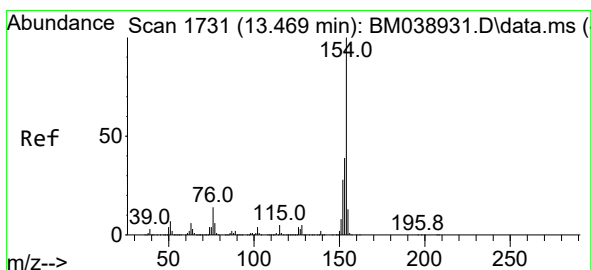
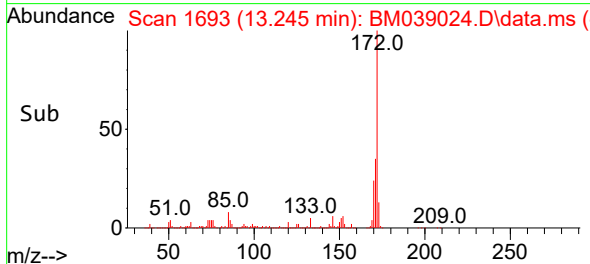
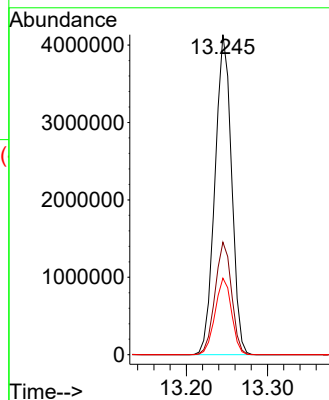
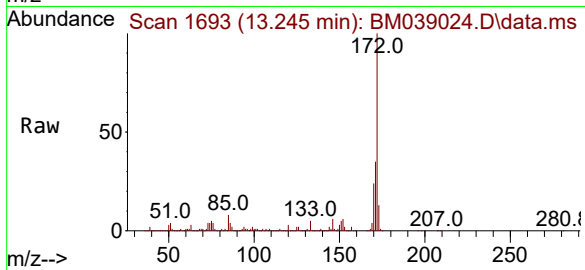
Tgt Ion:172 Resp: 5873583

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.393 ng

RT: 13.457 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

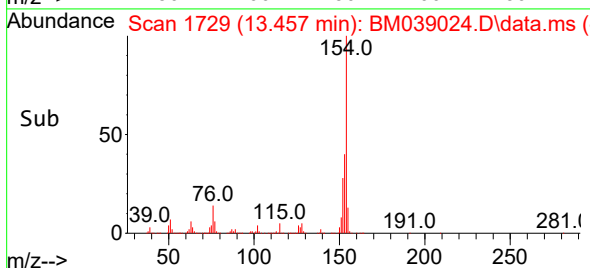
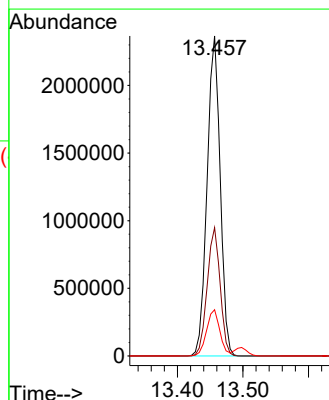
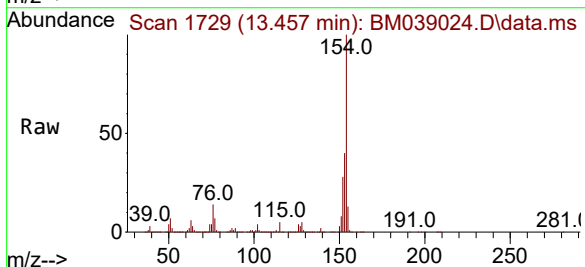
Tgt Ion:154 Resp: 3284588

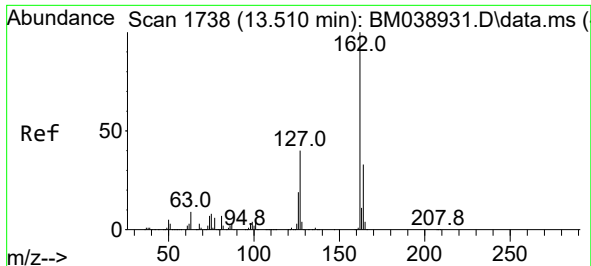
Ion Ratio Lower Upper

154 100

153 40.1 19.3 59.3

76 14.5 0.0 34.0

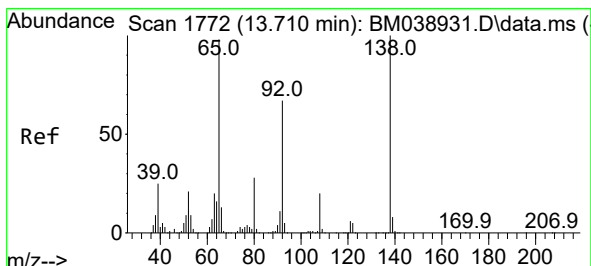
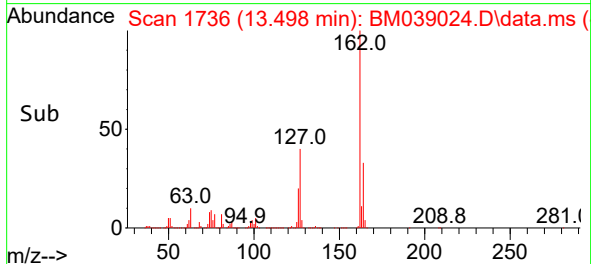
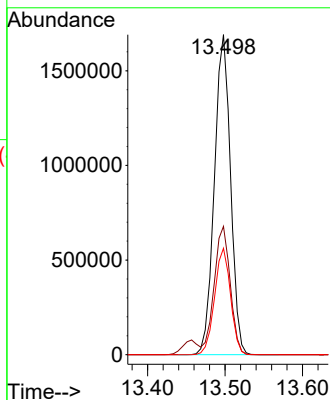
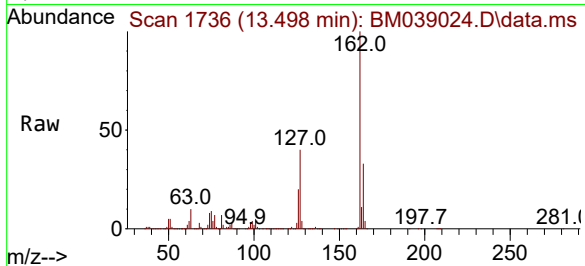




#47
2-Chloronaphthalene
Concen: 42.840 ng
RT: 13.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

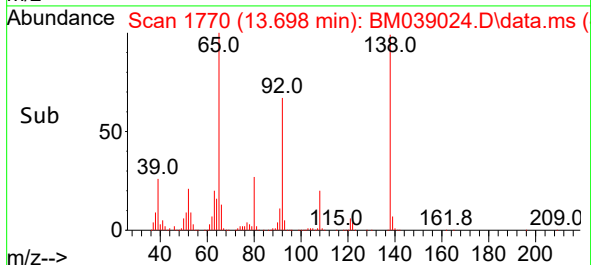
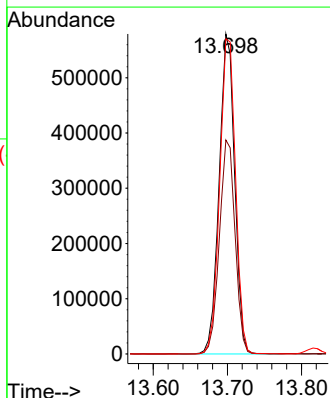
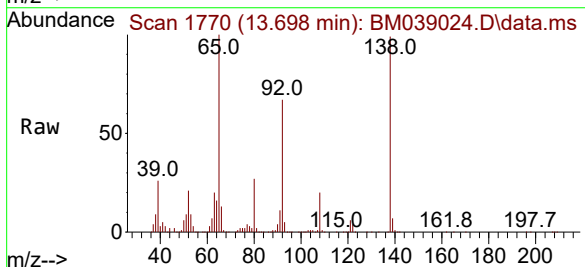
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

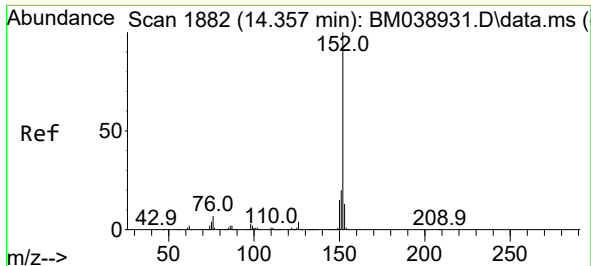
Tgt Ion:162 Resp: 2445210
Ion Ratio Lower Upper
162 100
127 40.1 32.1 48.1
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 46.240 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion: 65 Resp: 843473
Ion Ratio Lower Upper
65 100
92 66.8 54.9 82.3
138 98.5 81.6 122.4

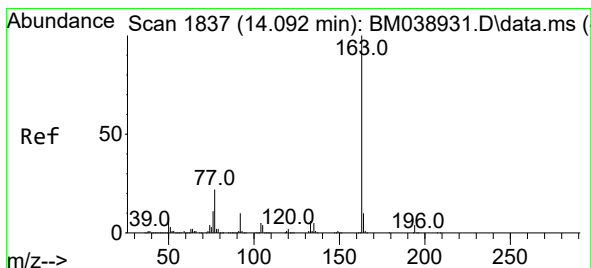
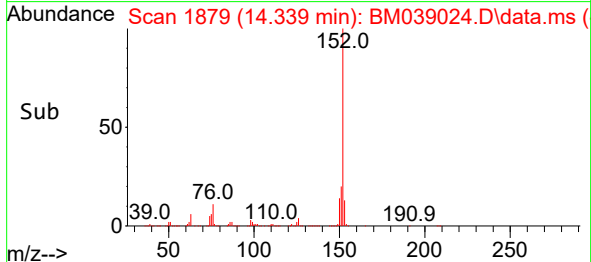
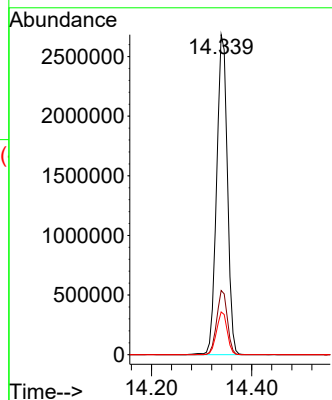
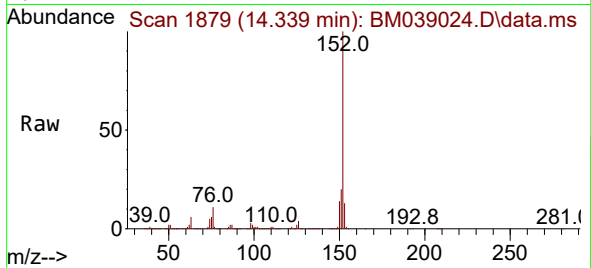




#49
Acenaphthylene
Concen: 43.967 ng
RT: 14.339 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

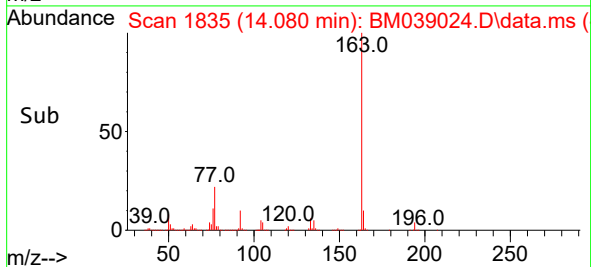
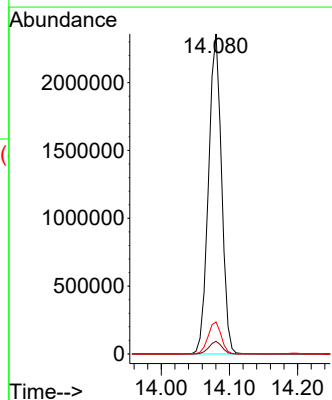
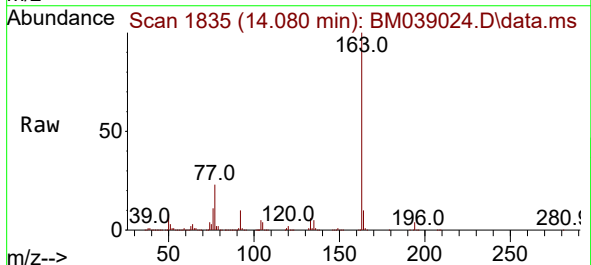
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

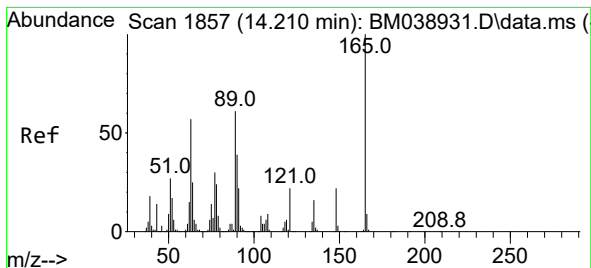
Tgt Ion:152 Resp: 3997344
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 45.591 ng
RT: 14.080 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:163 Resp: 3134516
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1

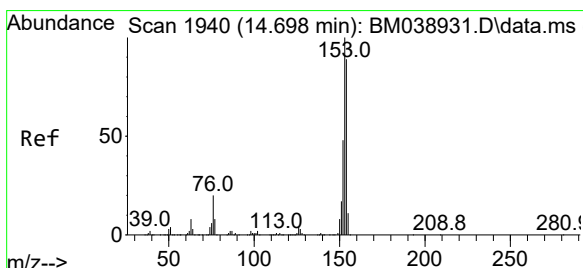
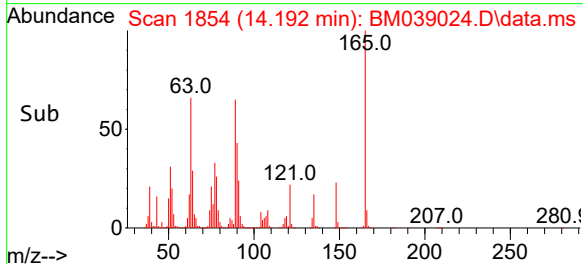
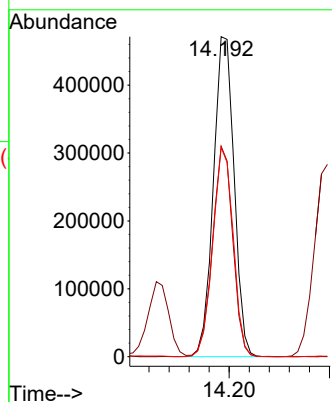
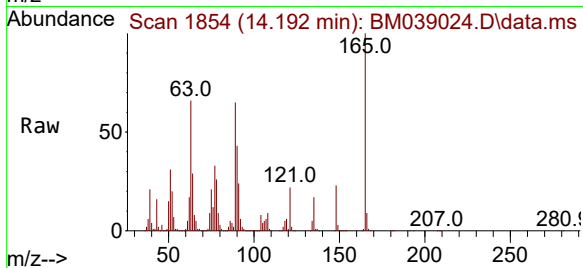




#51
2,6-Dinitrotoluene
Concen: 44.531 ng
RT: 14.192 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

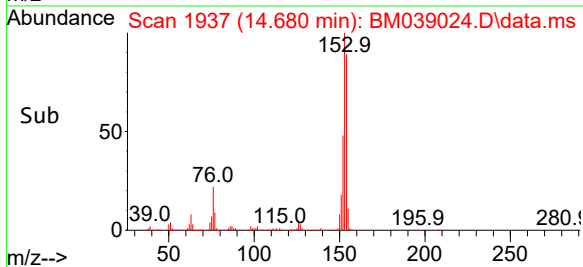
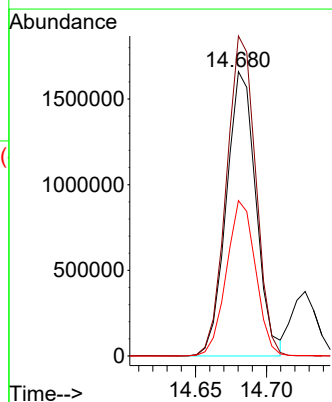
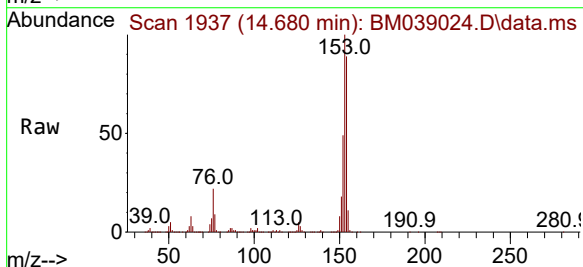
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

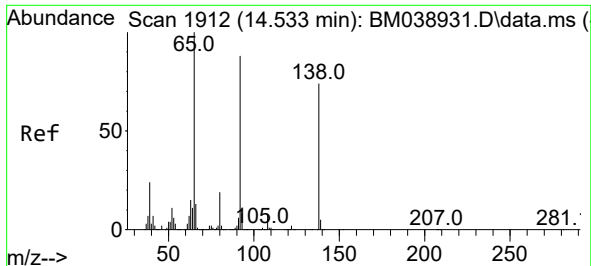
Tgt Ion:165 Resp: 675499
Ion Ratio Lower Upper
165 100
63 65.8 46.6 70.0
89 65.4 48.6 73.0



#52
Acenaphthene
Concen: 43.089 ng
RT: 14.680 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:154 Resp: 2407580
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.2
152 54.6 43.4 65.2

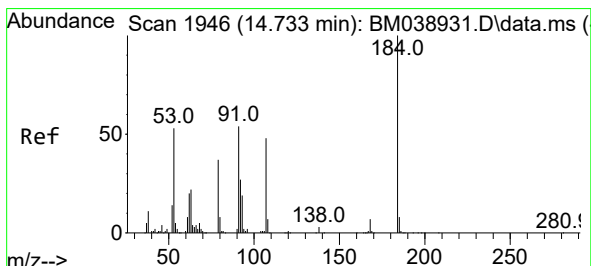
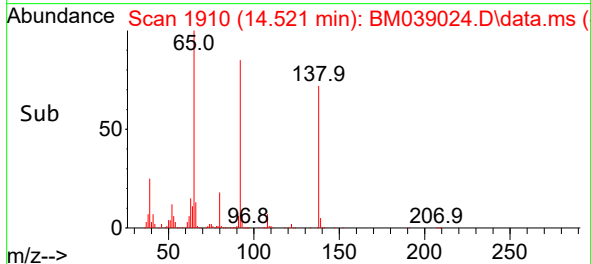
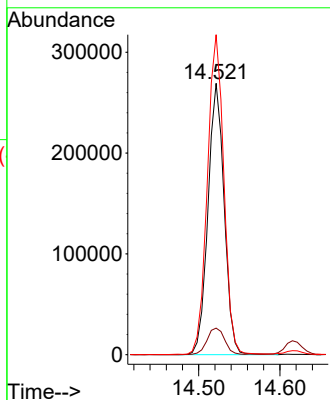
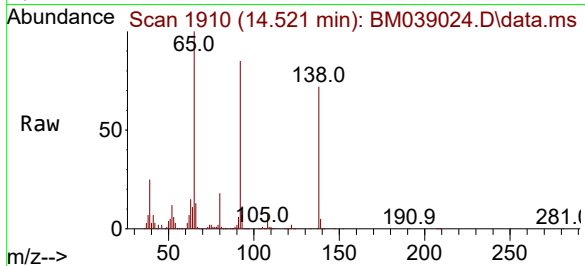




#53
3-Nitroaniline
Concen: 21.839 ng
RT: 14.521 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

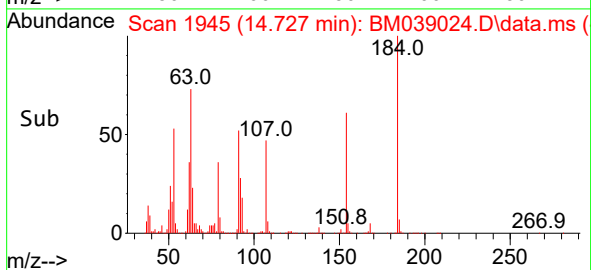
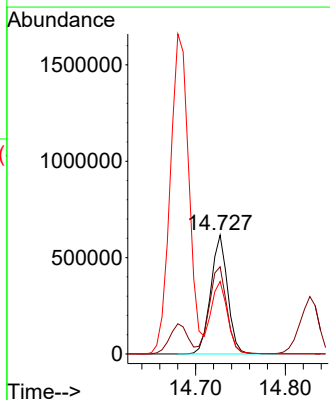
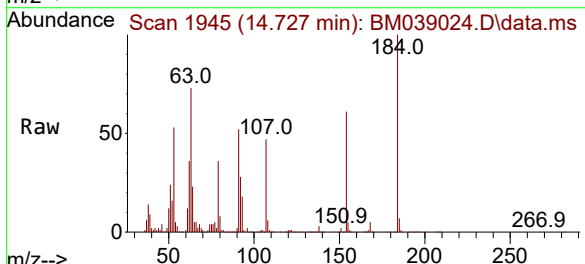
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

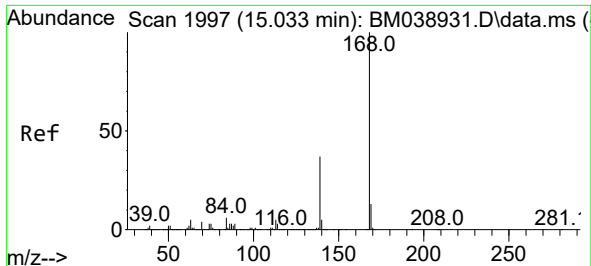
Tgt Ion:138 Resp: 372255
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 118.0 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 91.178 ng
RT: 14.727 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:184 Resp: 803616
Ion Ratio Lower Upper
184 100
63 73.3 60.6 90.8
154 60.9 51.4 77.2

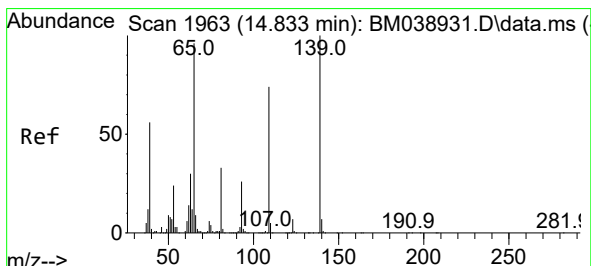
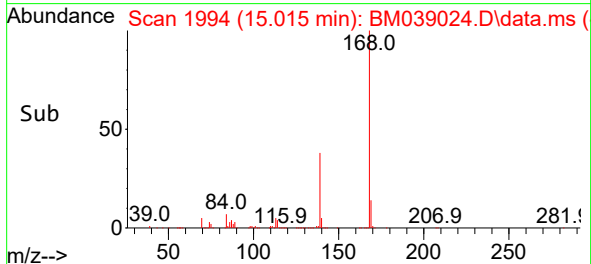
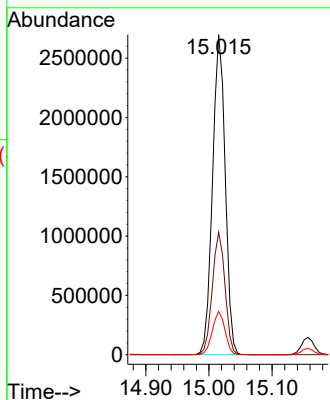
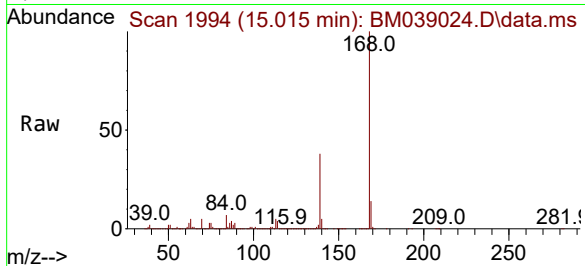




#55
Dibenzenofuran
Concen: 42.984 ng
RT: 15.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

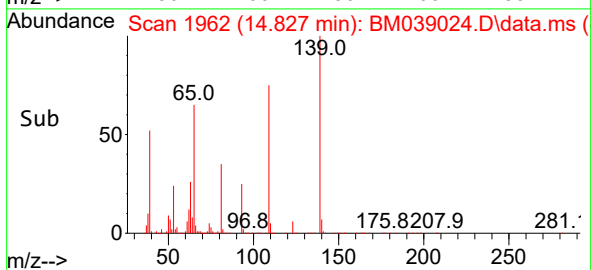
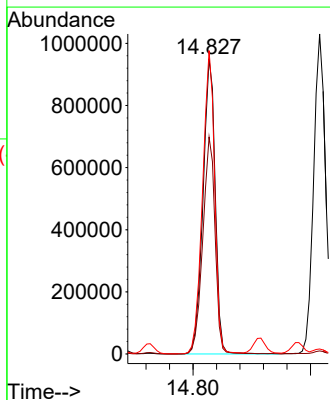
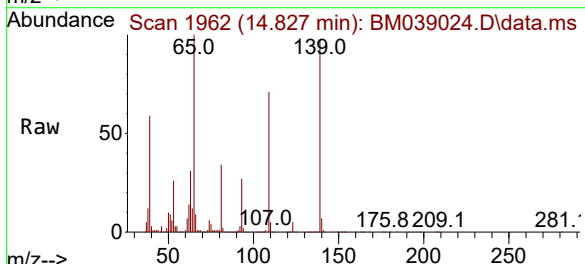
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

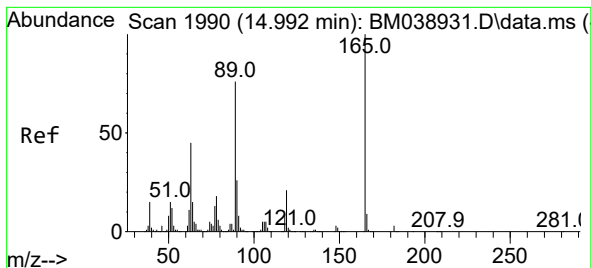
Tgt Ion:168 Resp: 3758321
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 100.846 ng
RT: 14.827 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:139 Resp: 1377008
Ion Ratio Lower Upper
139 100
109 73.5 53.5 93.5
65 102.8 76.4 116.4

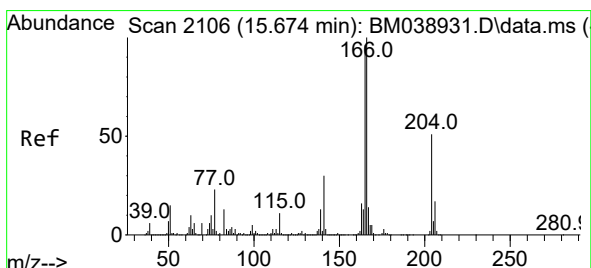
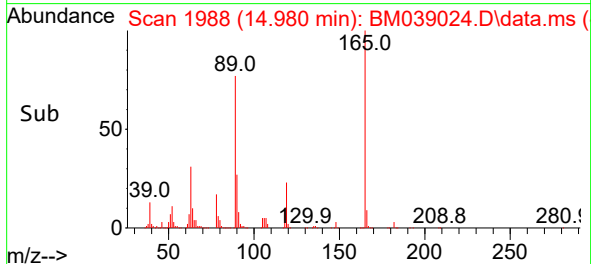
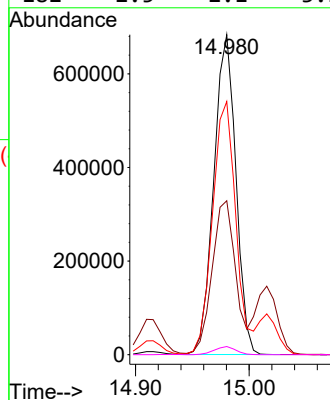
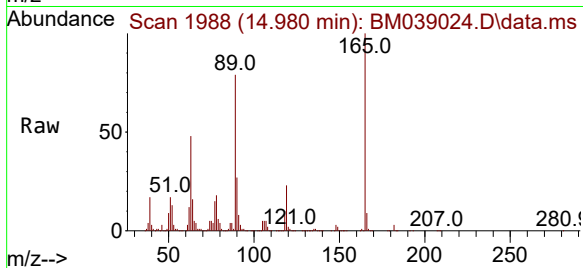




#57
2,4-Dinitrotoluene
Concen: 46.270 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

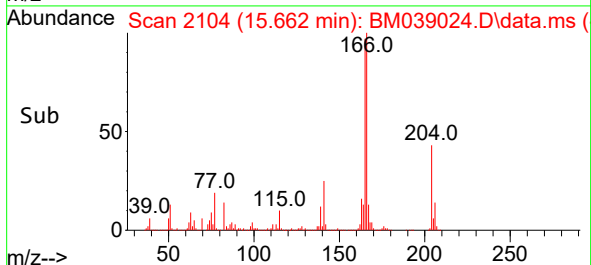
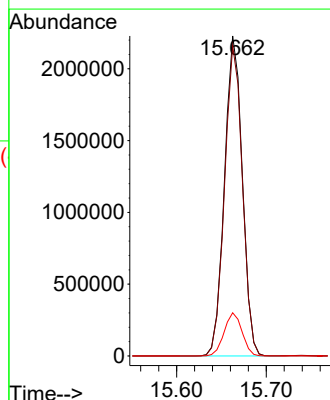
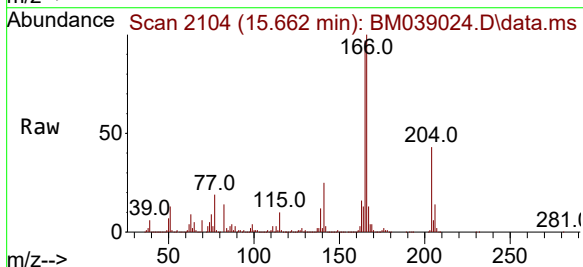
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

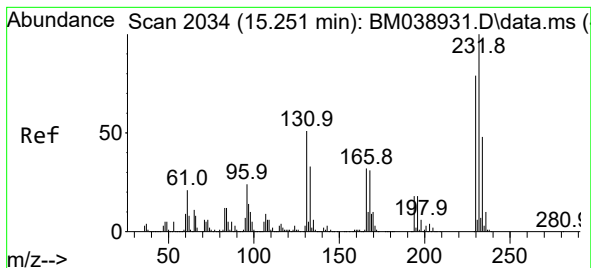
Tgt Ion:165 Resp: 924296
Ion Ratio Lower Upper
165 100
63 48.1 35.9 53.9
89 79.1 61.0 91.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.879 ng
RT: 15.662 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:166 Resp: 3073780
Ion Ratio Lower Upper
166 100
165 96.9 77.1 115.7
167 13.5 10.9 16.3

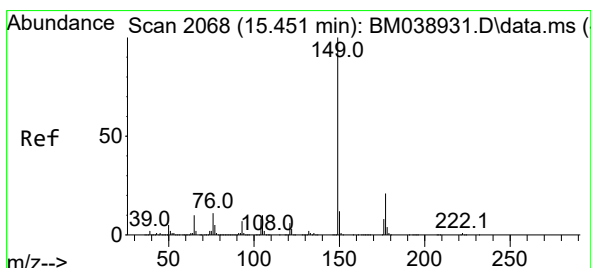
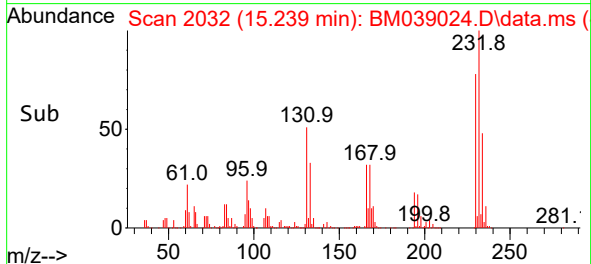
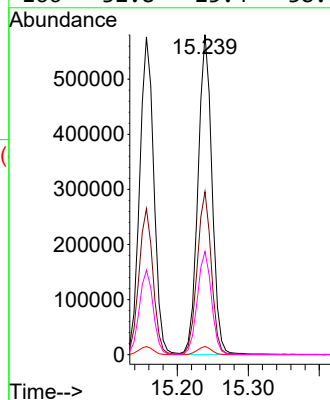
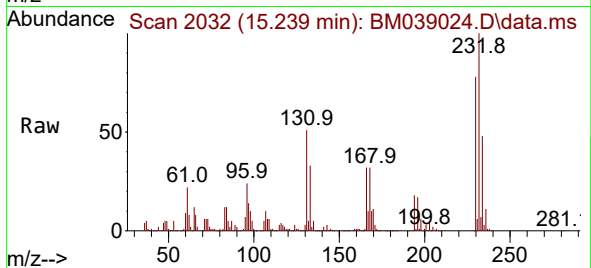




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.855 ng
RT: 15.239 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

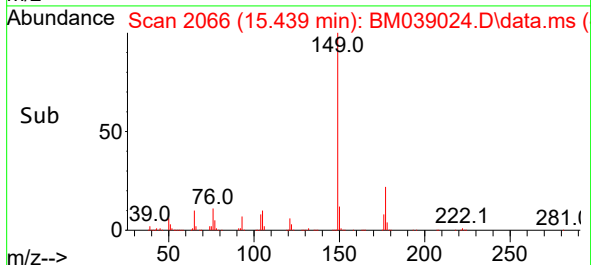
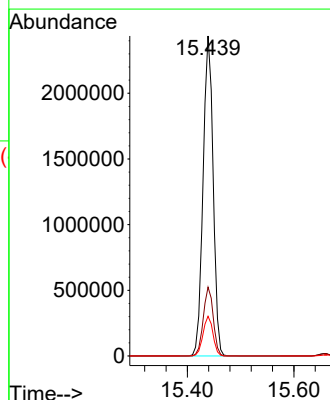
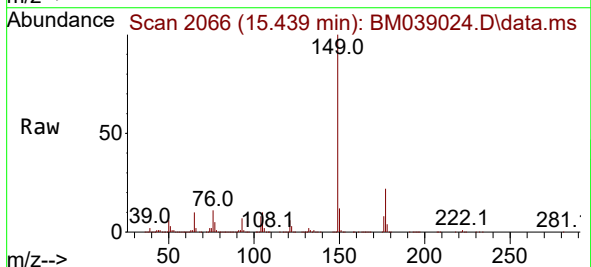
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

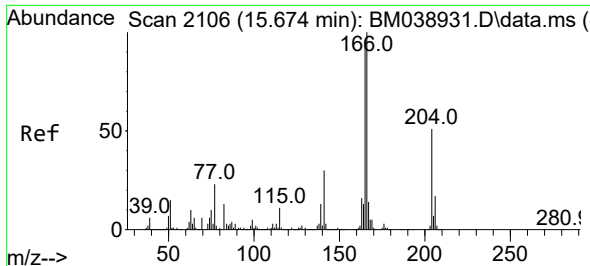
Tgt Ion:232 Resp: 795566
Ion Ratio Lower Upper
232 100
131 51.3 40.0 60.0
130 2.6 2.0 3.0
166 32.8 25.4 38.0



#60
Diethylphthalate
Concen: 47.635 ng
RT: 15.439 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:149 Resp: 3186623
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.4 9.7 14.5

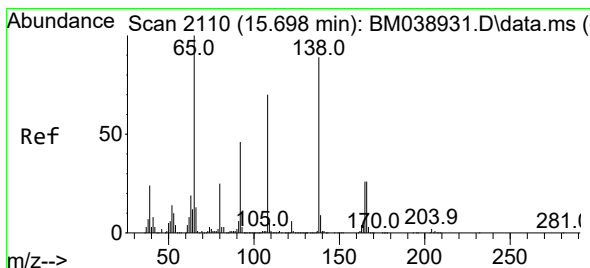
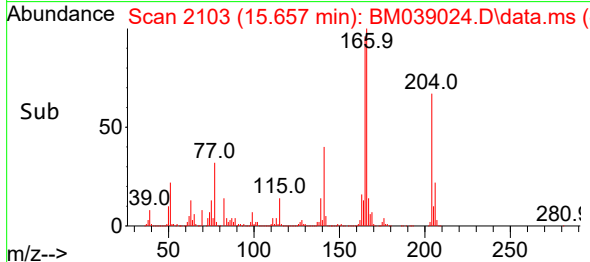
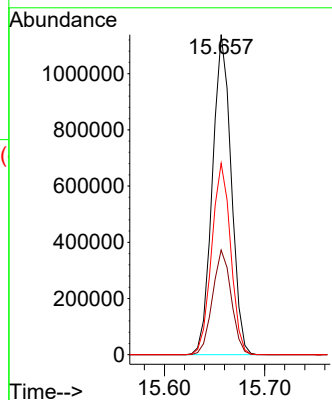
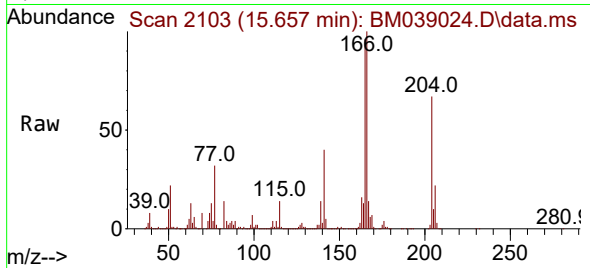




#61
4-Chlorophenyl-phenylether
Concen: 44.024 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

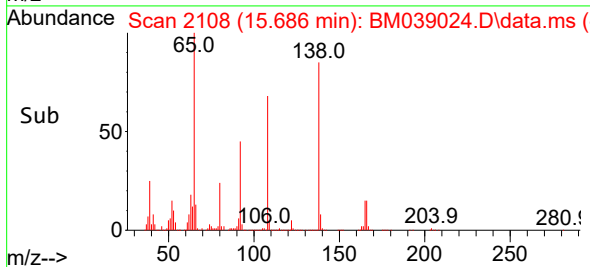
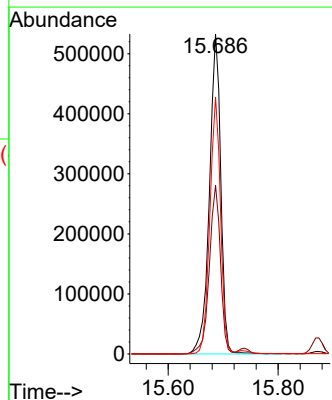
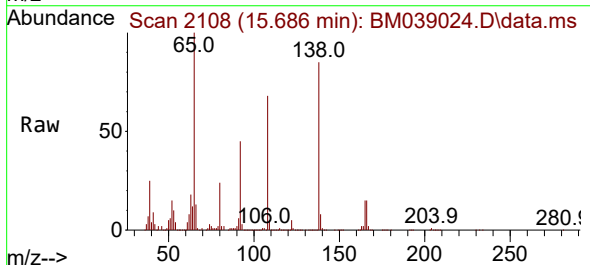
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

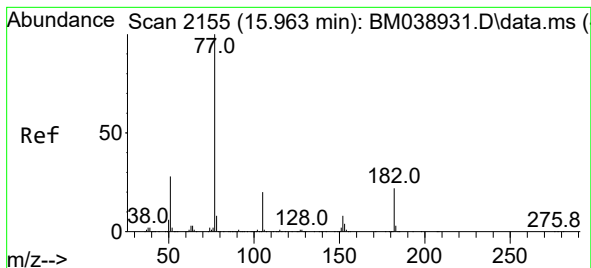
Tgt Ion:204 Resp: 1481311
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 59.8 46.4 69.6



#62
4-Nitroaniline
Concen: 42.410 ng
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:138 Resp: 763463
Ion Ratio Lower Upper
138 100
92 52.7 31.6 71.6
108 80.2 58.6 98.6





#63

Azobenzene

Concen: 48.877 ng

RT: 15.951 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

Tgt Ion: 77 Resp: 3459720

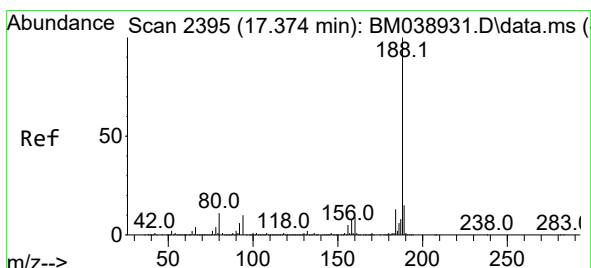
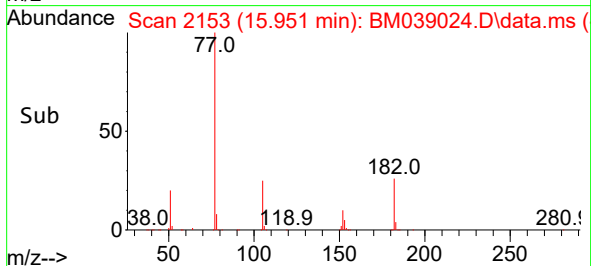
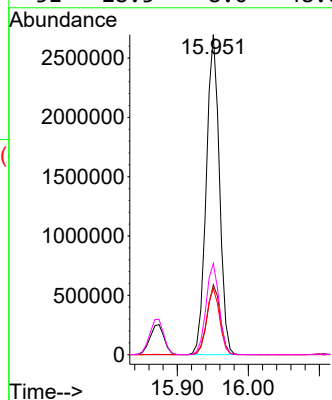
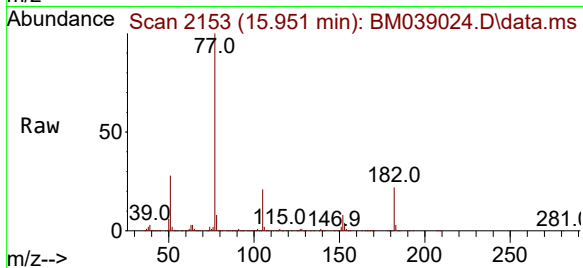
Ion Ratio Lower Upper

77 100

182 21.8 2.0 42.0

105 20.7 0.4 40.4

51 28.5 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

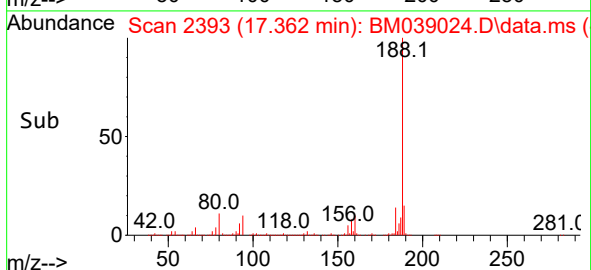
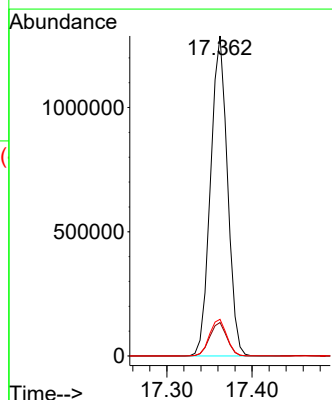
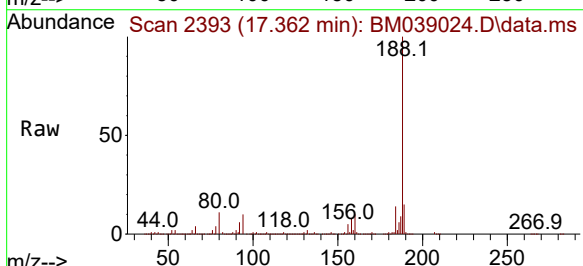
Tgt Ion: 188 Resp: 1776327

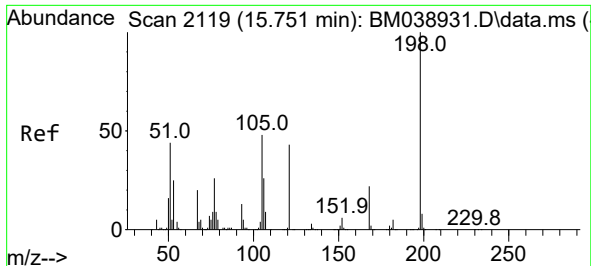
Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.4 8.5 12.7

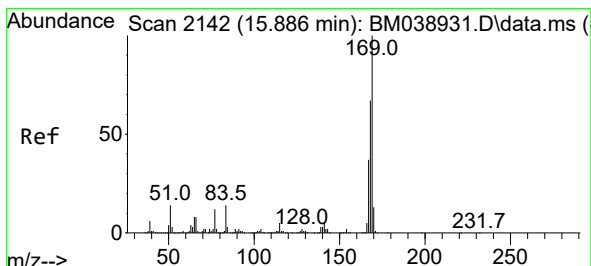
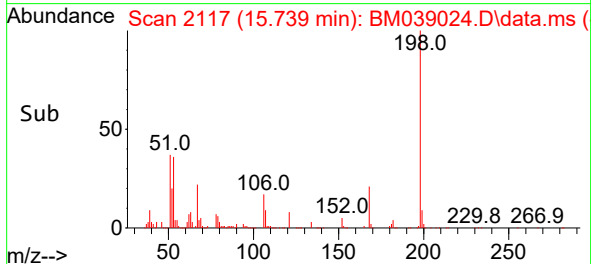
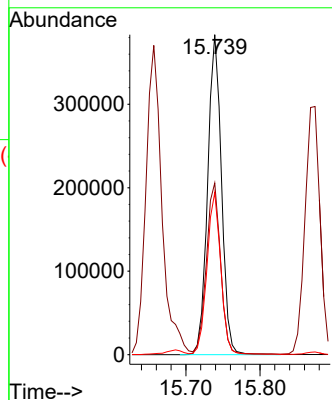
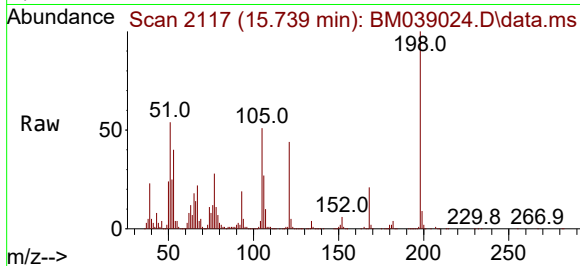




#65
4,6-Dinitro-2-methylphenol
Concen: 43.103 ng
RT: 15.739 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

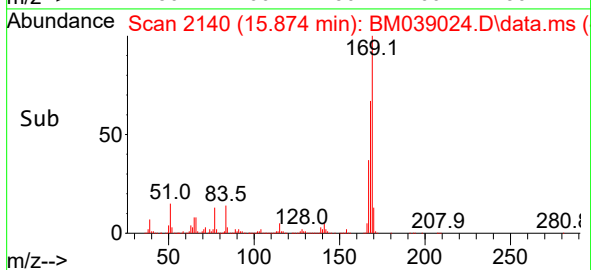
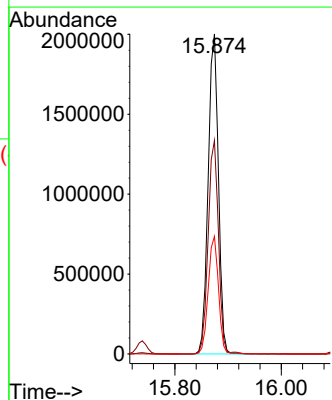
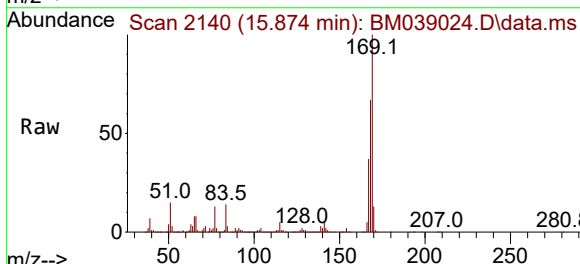
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

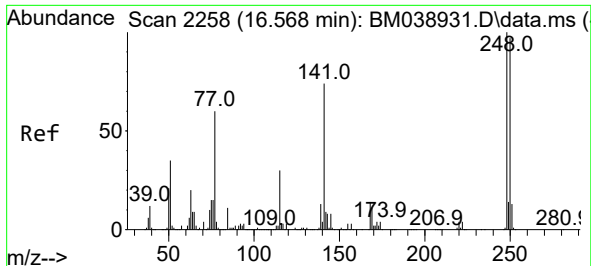
Tgt Ion:198 Resp: 496394
Ion Ratio Lower Upper
198 100
51 53.7 30.1 70.1
105 50.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.446 ng
RT: 15.874 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:169 Resp: 2661583
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.8 29.4 44.0

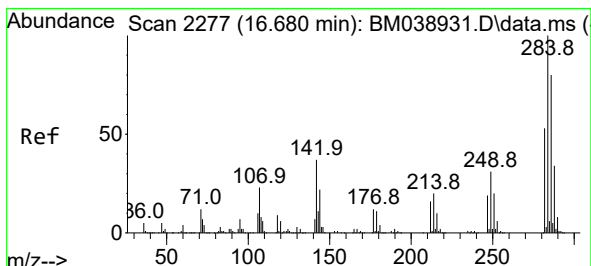
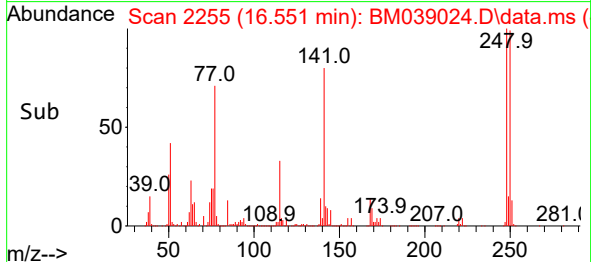
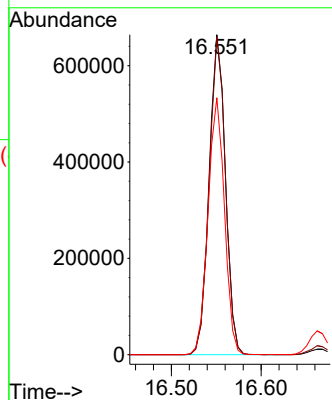
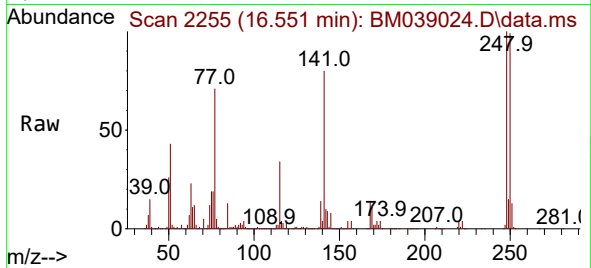




#67
4-Bromophenyl-phenylether
Concen: 43.826 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

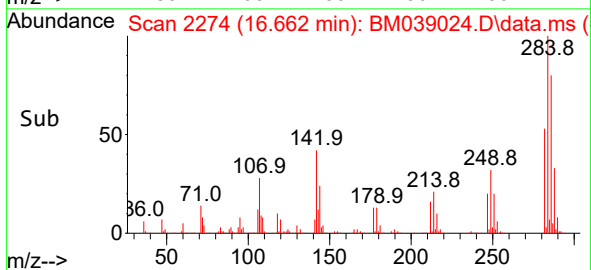
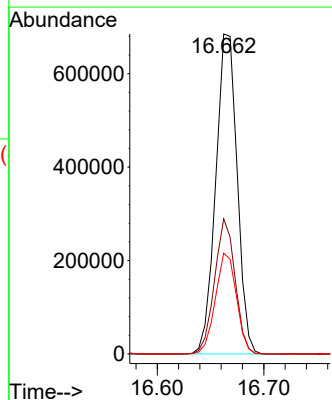
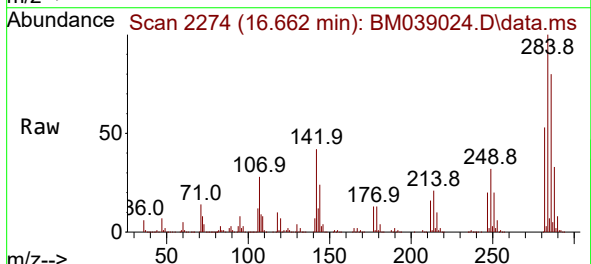
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

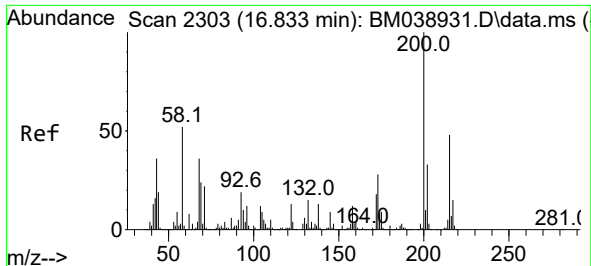
Tgt Ion:248 Resp: 840856
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.8
141 80.3 59.0 88.4



#68
Hexachlorobenzene
Concen: 44.588 ng
RT: 16.662 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:284 Resp: 956348
Ion Ratio Lower Upper
284 100
142 42.3 29.5 44.3
249 31.5 25.0 37.4

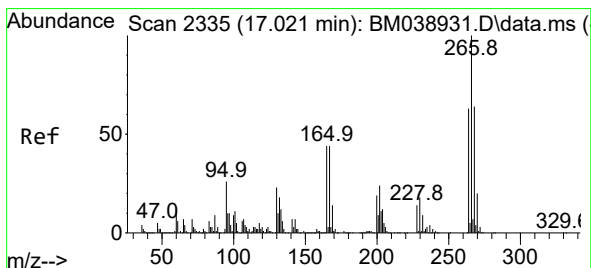
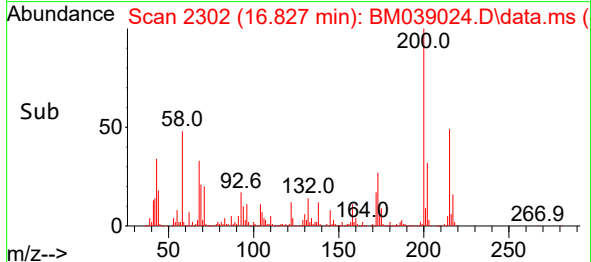
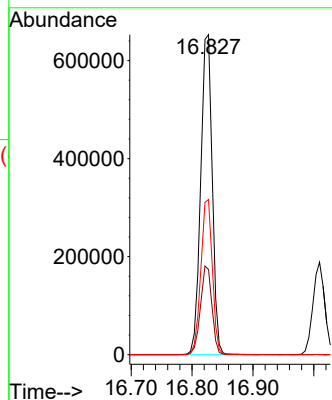
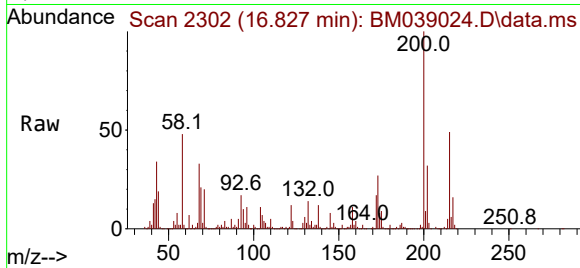




#69
 Atrazine
 Concen: 52.664 ng
 RT: 16.827 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM039024.D
 Acq: 16 Mar 2023 20:07

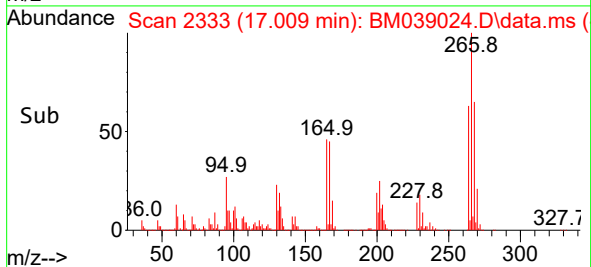
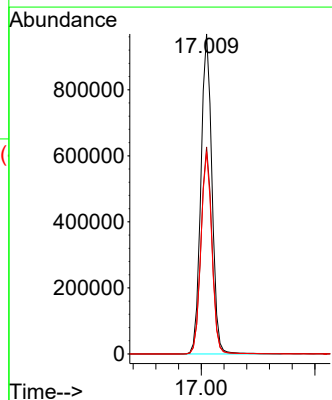
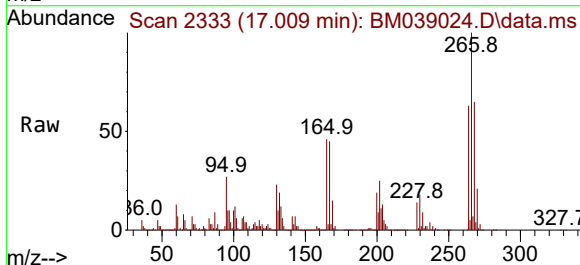
Instrument :
 BNA_M
 ClientSampleId :
 PB151470BSD

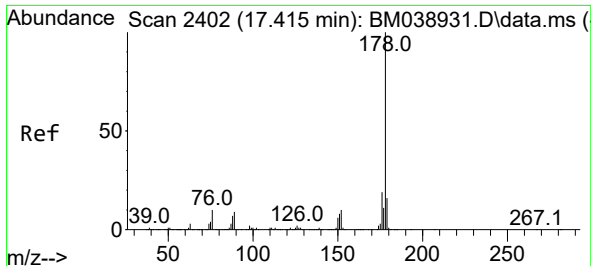
Tgt Ion:200 Resp: 861413
 Ion Ratio Lower Upper
 200 100
 173 26.6 8.2 48.2
 215 48.5 27.8 67.8



#70
 Pentachlorophenol
 Concen: 82.839 ng
 RT: 17.009 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BM039024.D
 Acq: 16 Mar 2023 20:07

Tgt Ion:266 Resp: 1306804
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.4
 264 63.2 50.3 75.5

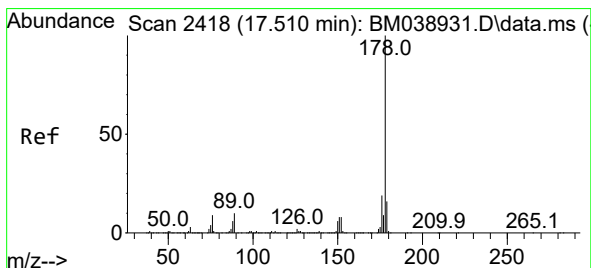
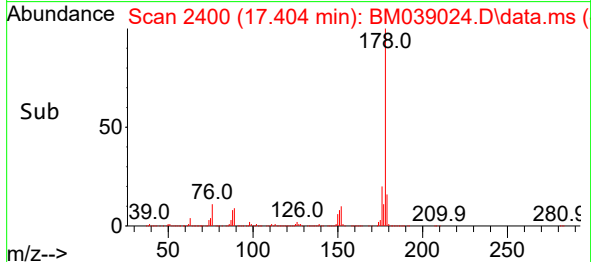
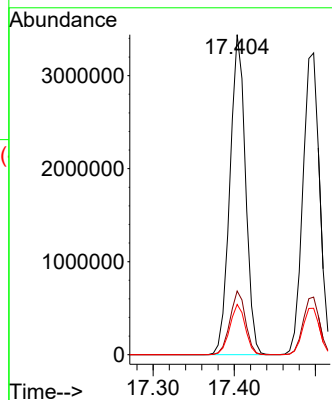
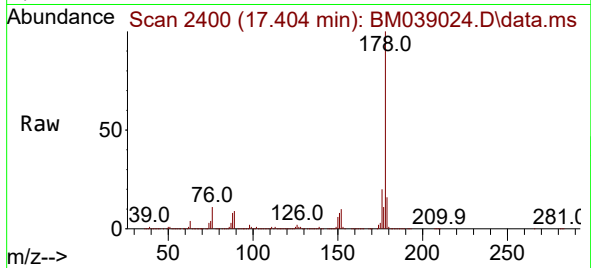




#71
Phenanthrene
Concen: 44.057 ng
RT: 17.404 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

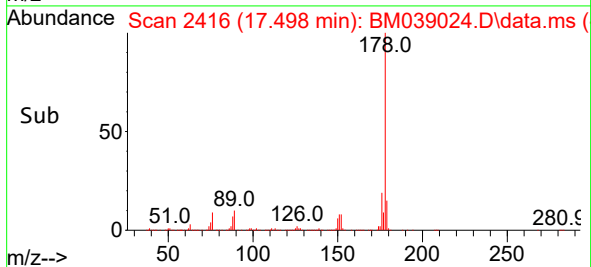
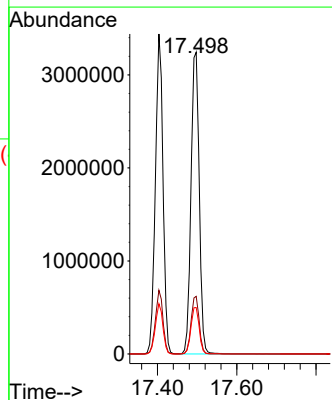
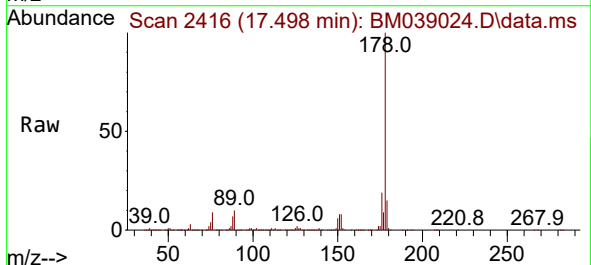
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

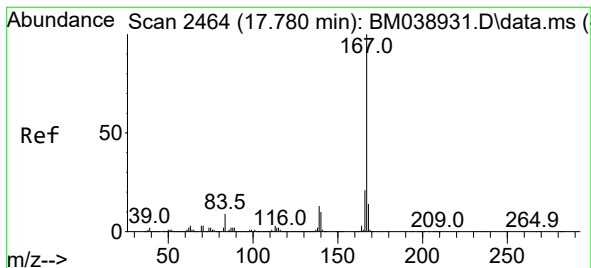
Tgt Ion:178 Resp: 4593159
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 45.070 ng
RT: 17.498 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:178 Resp: 4685789
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.5 18.7





#73

Carbazole

Concen: 46.128 ng

RT: 17.768 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

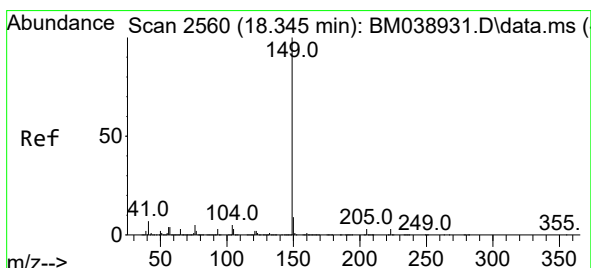
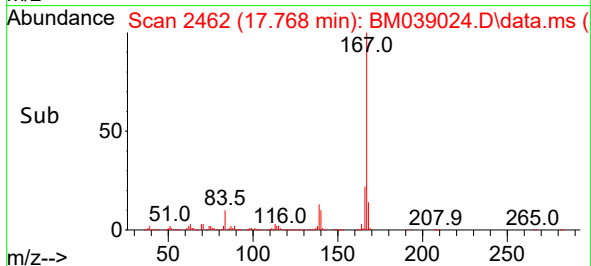
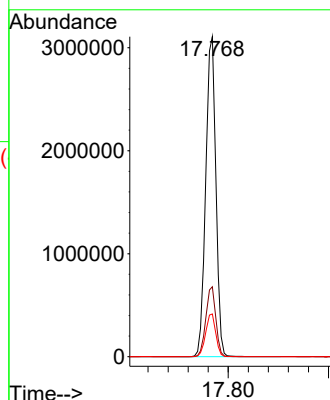
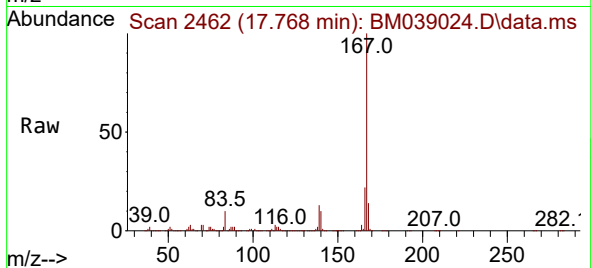
Tgt Ion:167 Resp: 4376963

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.4

139 13.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.309 ng

RT: 18.333 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

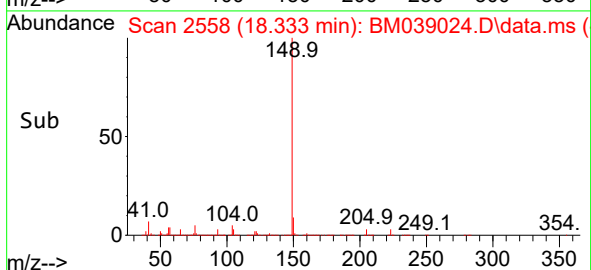
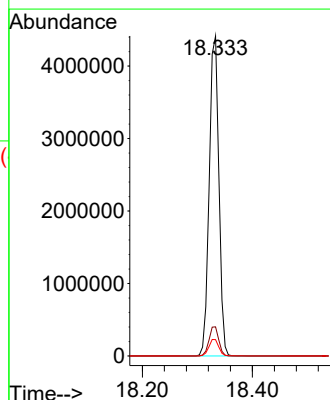
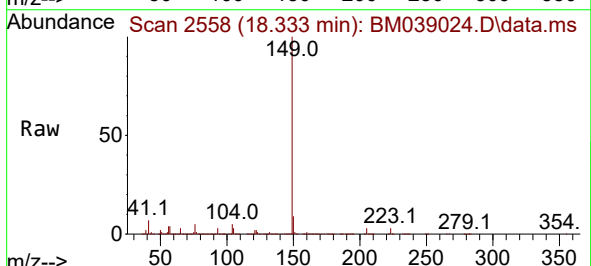
Tgt Ion:149 Resp: 5351824

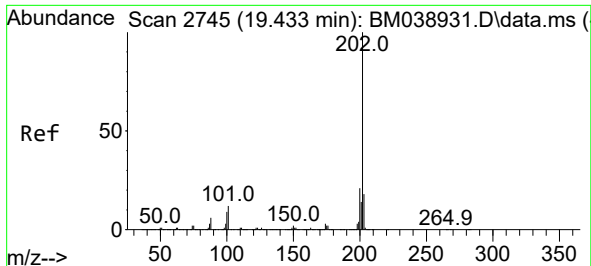
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 4.3 6.5

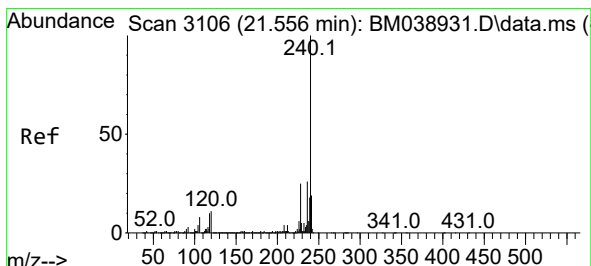
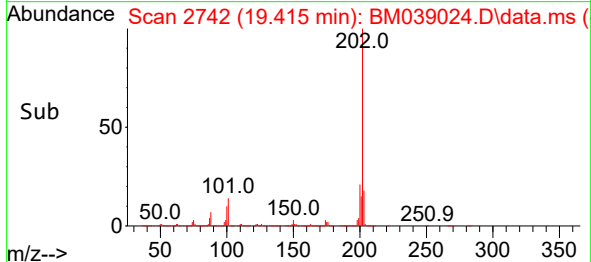
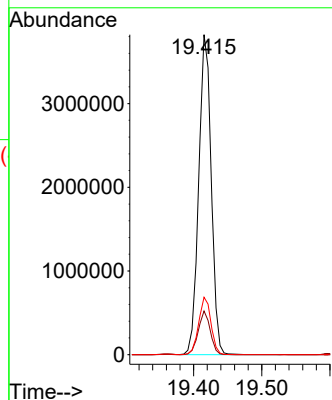
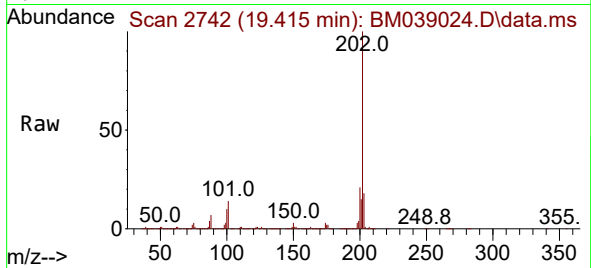




#75
Fluoranthene
Concen: 44.256 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

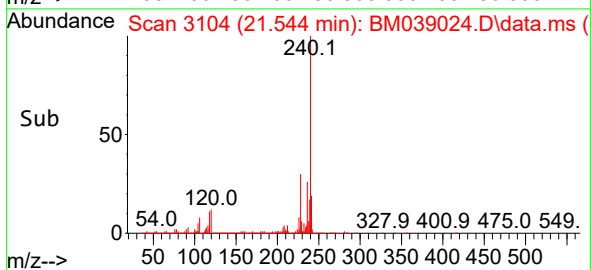
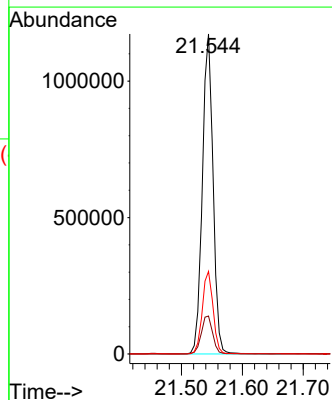
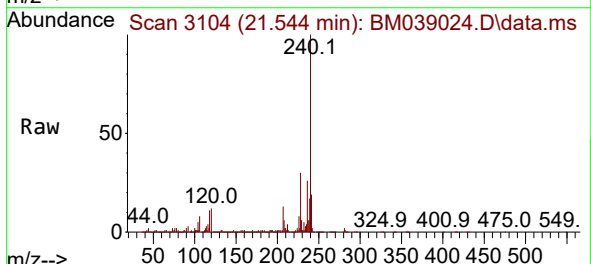
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

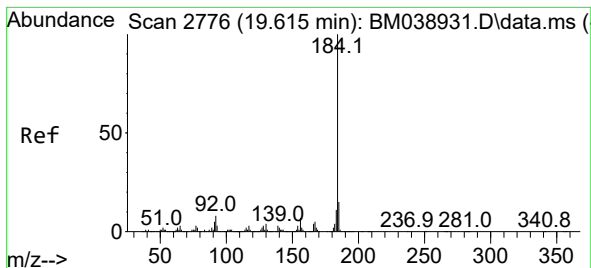
Tgt Ion:202 Resp: 4871455
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.7
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:240 Resp: 1433497
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.8 20.8 31.2





#77

Benzidine

Concen: 66.225 ng

RT: 19.603 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

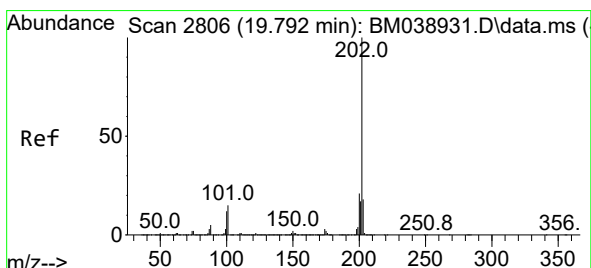
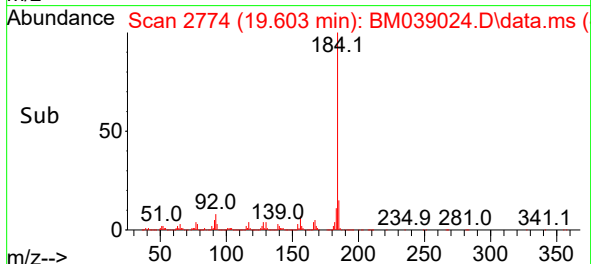
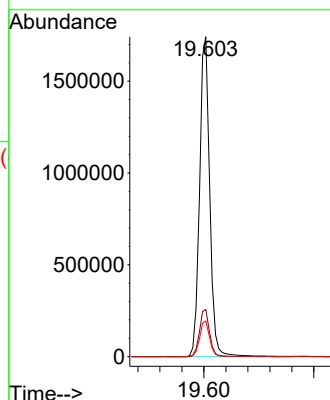
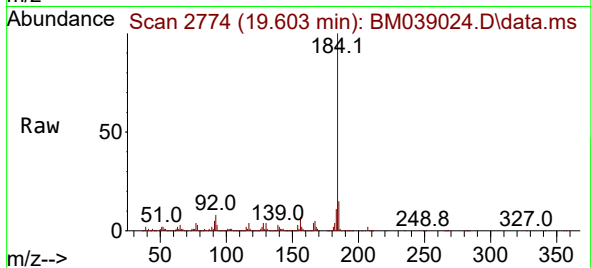
Tgt Ion:184 Resp: 2231271

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

183 11.2 8.8 13.2



#78

Pyrene

Concen: 47.537 ng

RT: 19.780 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

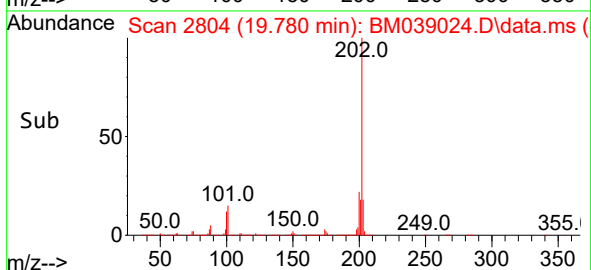
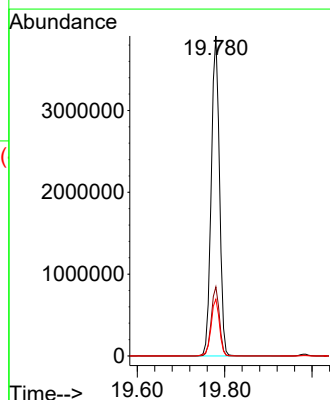
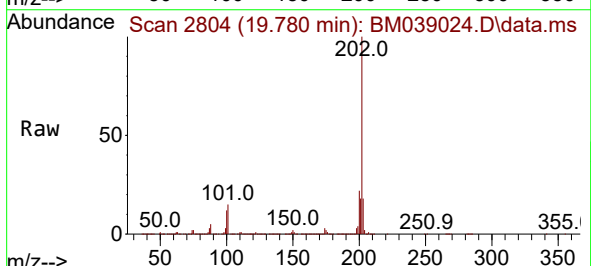
Tgt Ion:202 Resp: 5118182

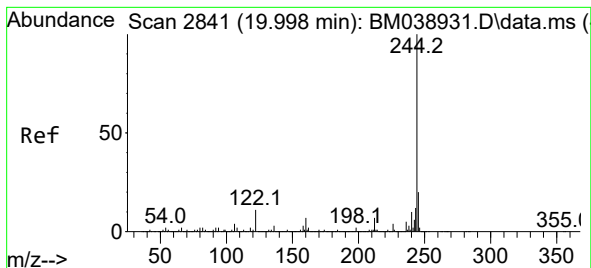
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 103.513 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

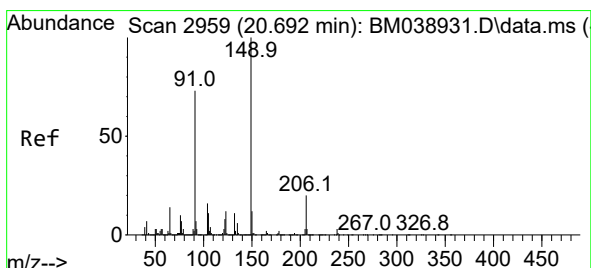
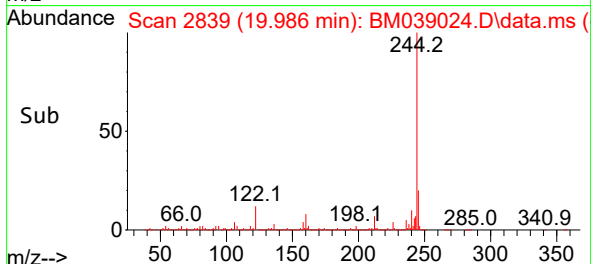
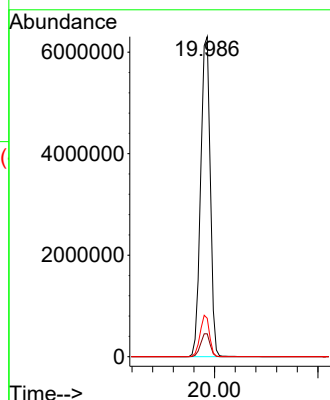
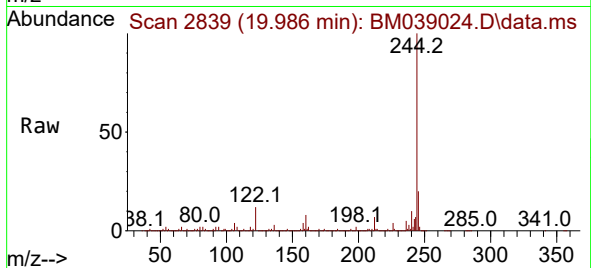
Tgt Ion:244 Resp: 8115903

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.472 ng

RT: 20.680 min Scan# 2957

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

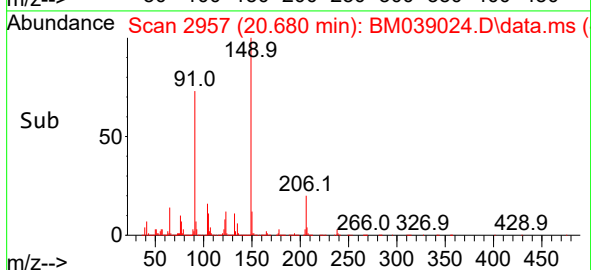
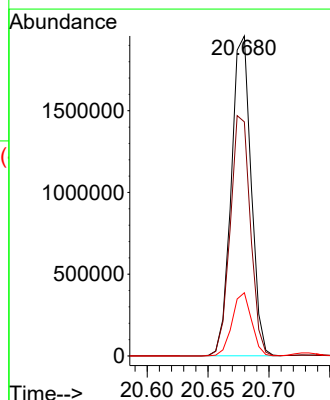
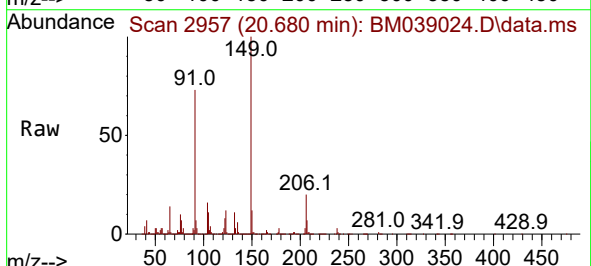
Tgt Ion:149 Resp: 2220688

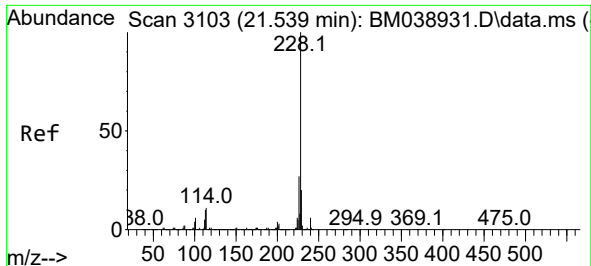
Ion Ratio Lower Upper

149 100

91 73.1 58.4 87.6

206 19.8 16.1 24.1

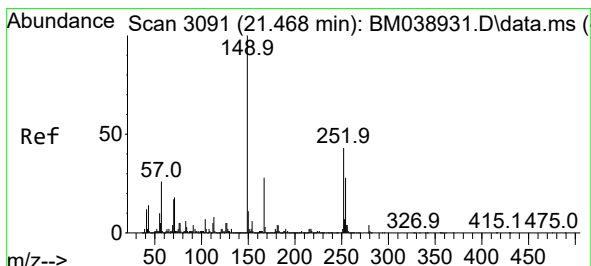
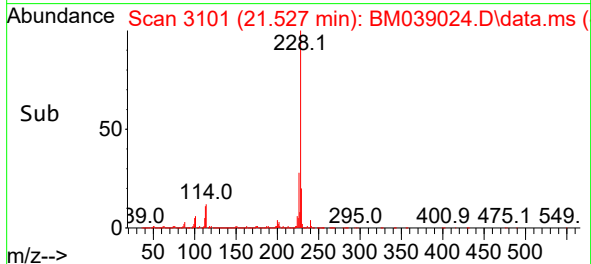
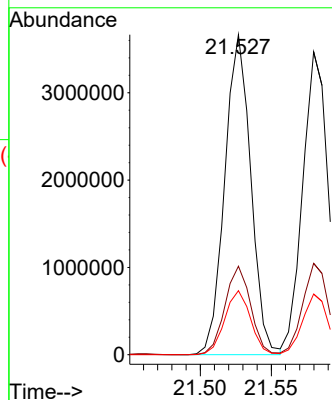
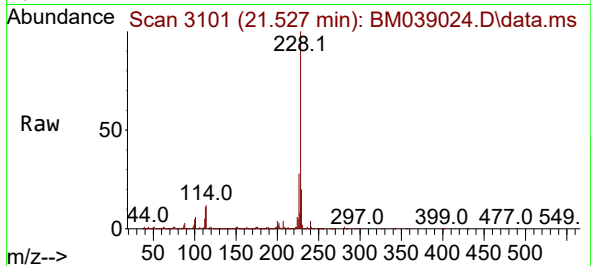




#81
Benzo(a)anthracene
Concen: 45.300 ng
RT: 21.527 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

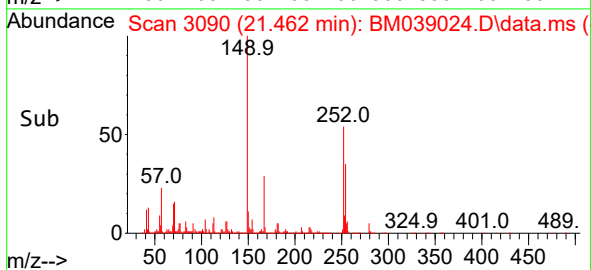
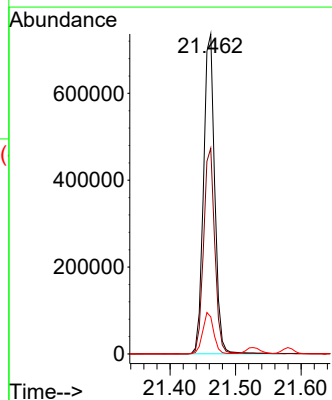
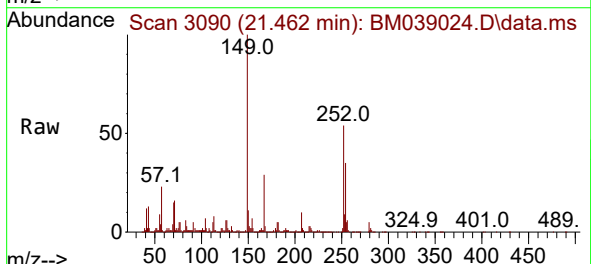
Instrument :
BNA_M
ClientSampleId :
PB151470BSD

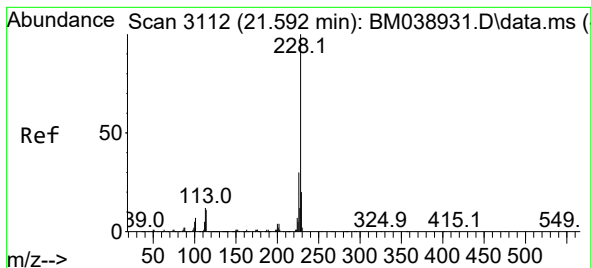
Tgt Ion:228 Resp: 4676443
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 27.610 ng
RT: 21.462 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BM039024.D
Acq: 16 Mar 2023 20:07

Tgt Ion:252 Resp: 875998
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 11.6 9.9 14.9





#83

Chrysene

Concen: 43.287 ng

RT: 21.580 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

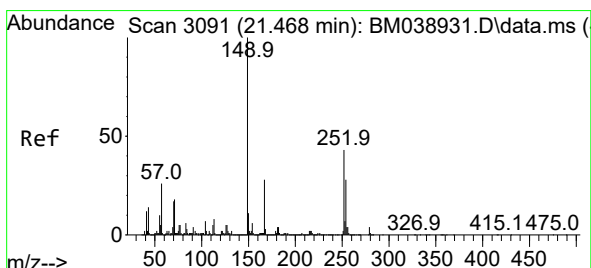
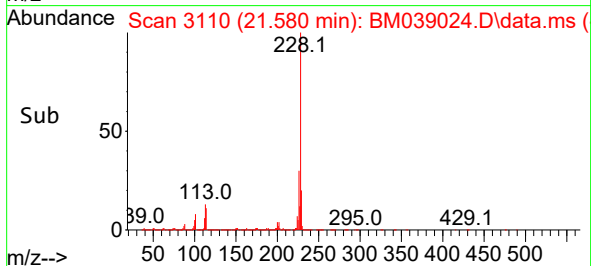
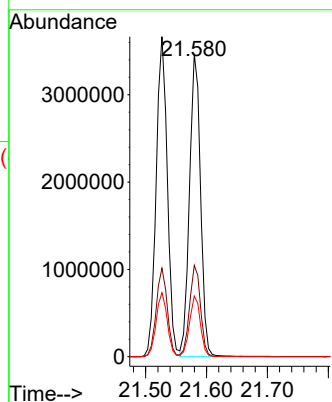
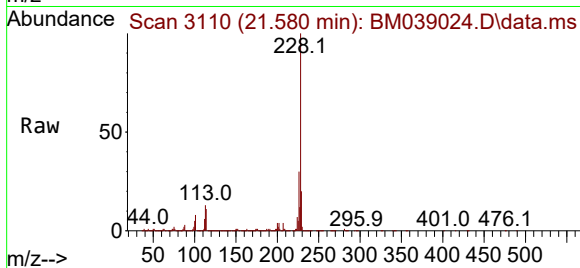
Tgt Ion:228 Resp: 4346164

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.715 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

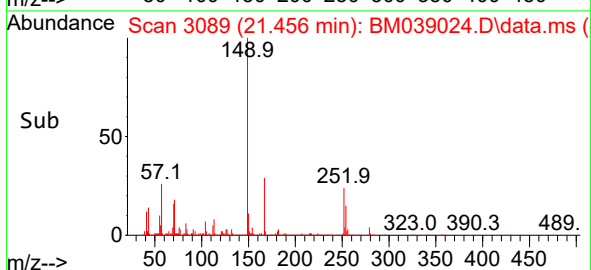
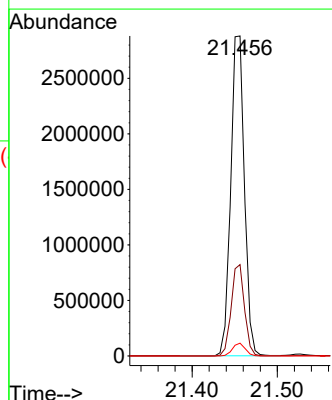
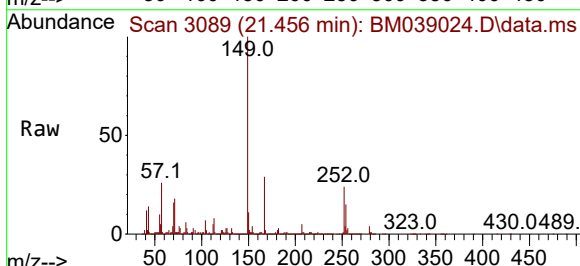
Tgt Ion:149 Resp: 3227121

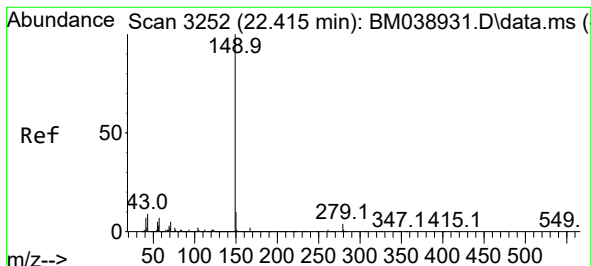
Ion Ratio Lower Upper

149 100

167 28.5 22.3 33.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.559 ng

RT: 22.391 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

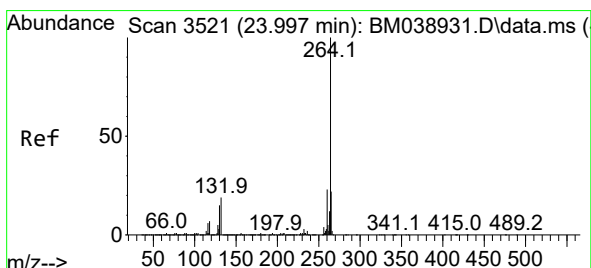
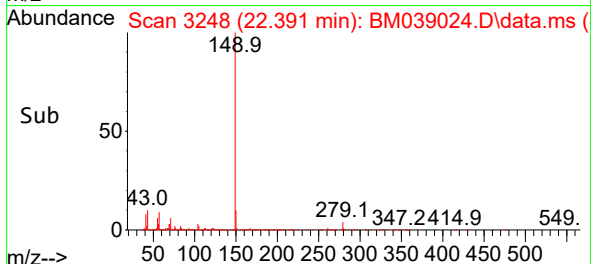
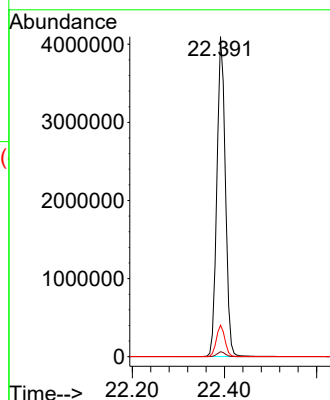
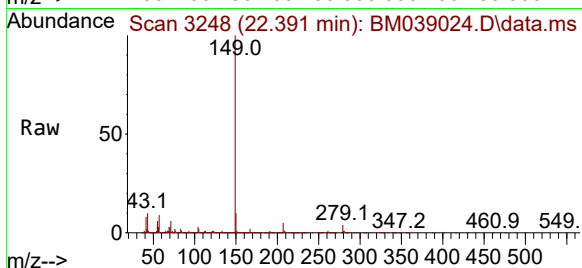
Tgt Ion:149 Resp: 5220041

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

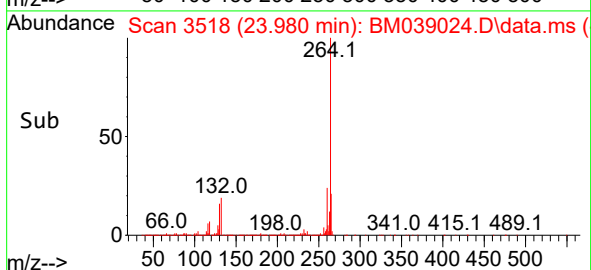
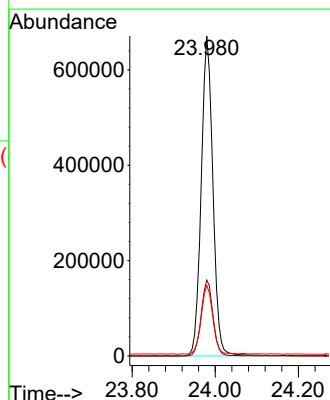
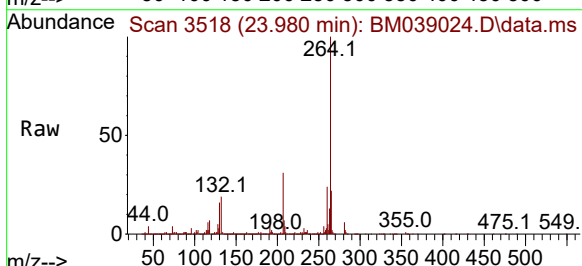
Tgt Ion:264 Resp: 1313564

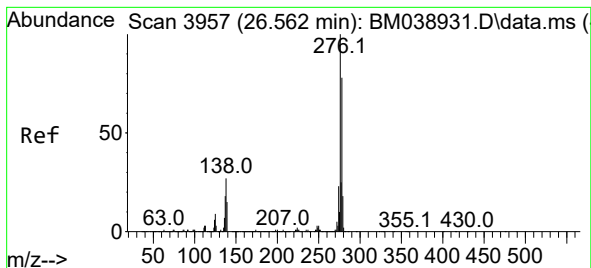
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.964 ng

RT: 26.521 min Scan# 3950

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

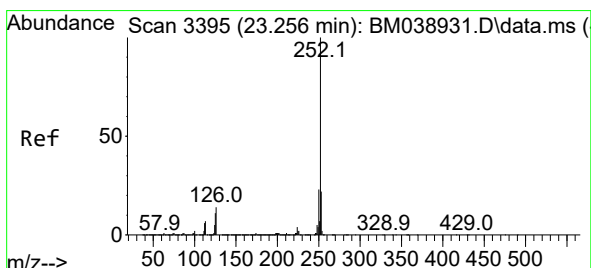
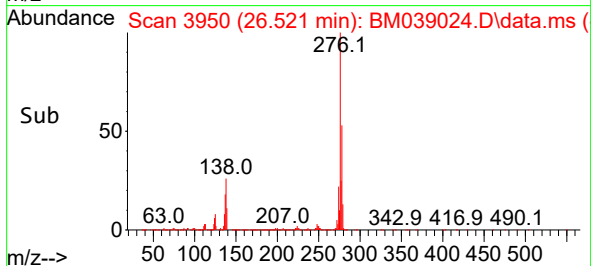
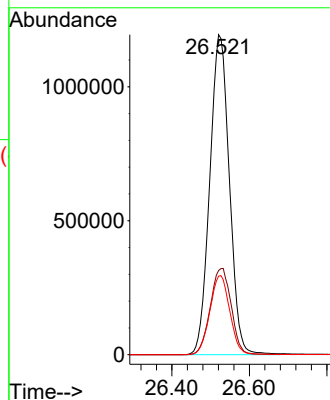
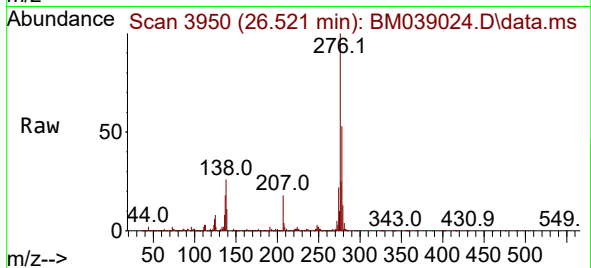
Tgt Ion:276 Resp: 4194443

Ion Ratio Lower Upper

276 100

138 28.9 22.1 33.1

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.542 ng

RT: 23.238 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

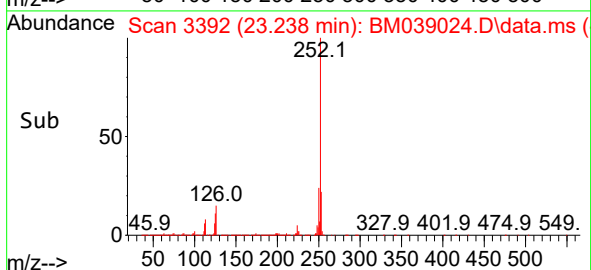
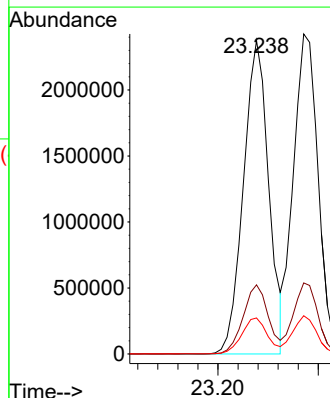
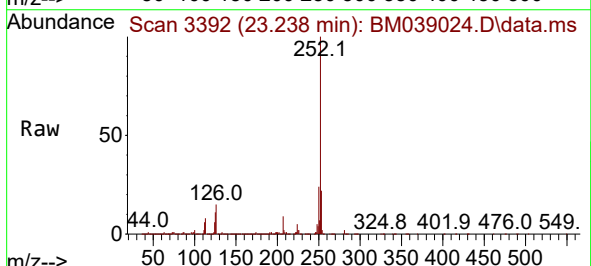
Tgt Ion:252 Resp: 4157517

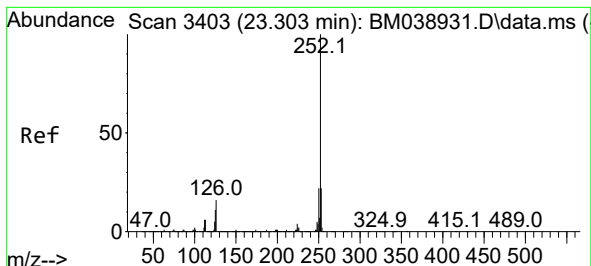
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.5 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 47.765 ng

RT: 23.286 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

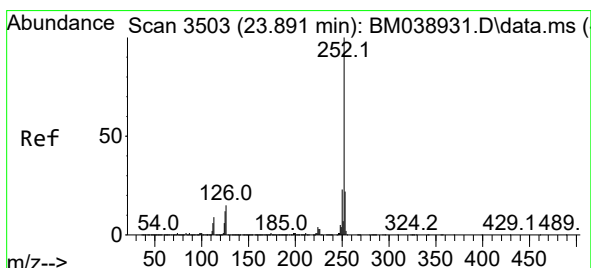
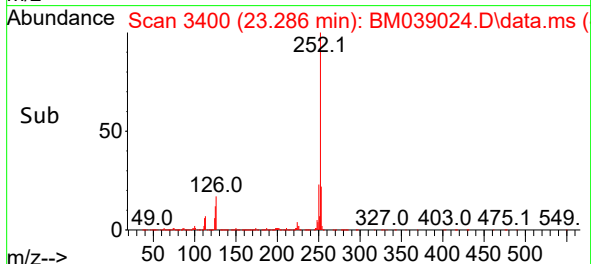
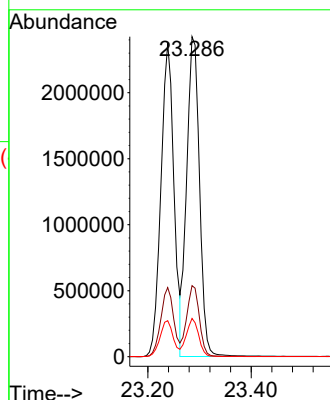
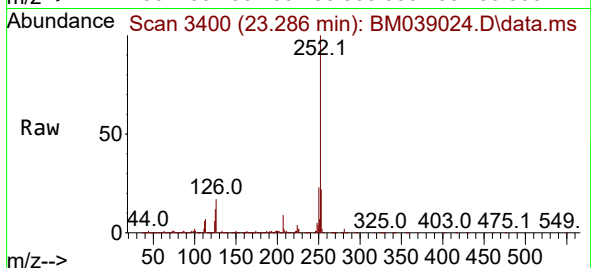
Tgt Ion:252 Resp: 4171567

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 12.0 8.9 13.3



#90

Benzo(a)pyrene

Concen: 43.902 ng

RT: 23.874 min Scan# 3500

Delta R.T. 0.000 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

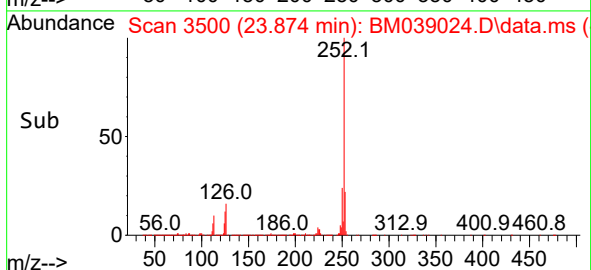
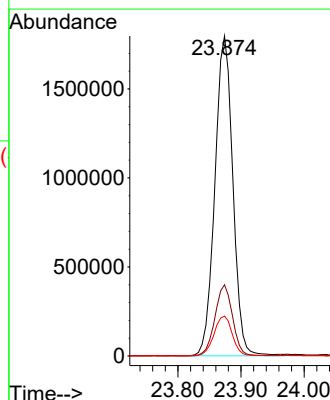
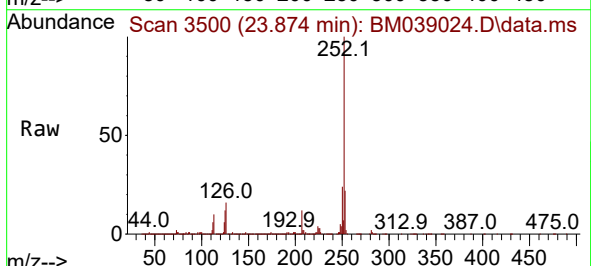
Tgt Ion:252 Resp: 3545738

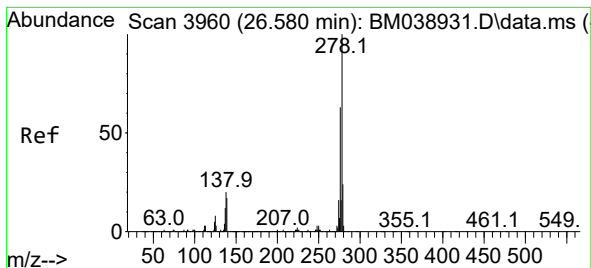
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.4 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 41.832 ng

RT: 26.544 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Instrument :

BNA_M

ClientSampleId :

PB151470BSD

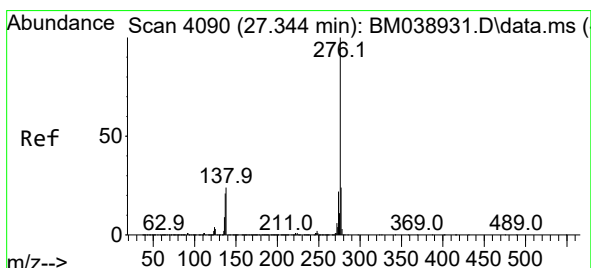
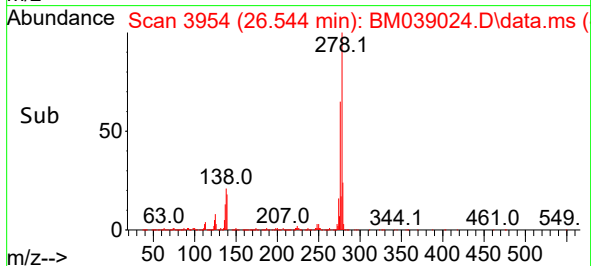
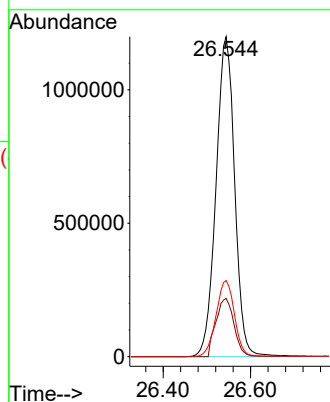
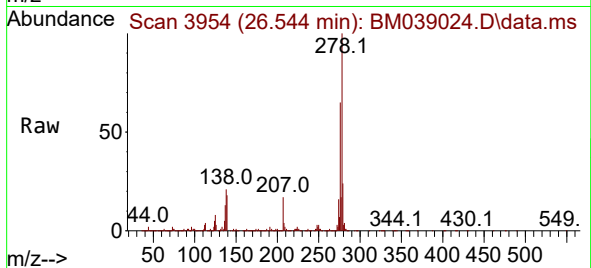
Tgt Ion:278 Resp: 3540980

Ion Ratio Lower Upper

278 100

139 18.2 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.309 ng

RT: 27.309 min Scan# 4084

Delta R.T. 0.006 min

Lab File: BM039024.D

Acq: 16 Mar 2023 20:07

Tgt Ion:276 Resp: 3338200

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.6 19.0 28.6

