

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038727.D
 Acq On : 14 Feb 2023 12:51
 Operator : CG/JU
 Sample : PB150810BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BSD

Quant Time: Feb 14 15:52:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 15:49:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	51495	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	176638	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	106134	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	193874	20.000	ng	0.00
76) Chrysene-d12	21.462	240	145168	20.000	ng	0.00
86) Perylene-d12	23.838	264	169380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	393208	149.579	ng	0.00
7) Phenol-d6	7.081	99	437058	145.775	ng	0.00
23) Nitrobenzene-d5	9.081	82	262697	84.474	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	180465	125.097	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	736747	88.374	ng	0.00
79) Terphenyl-d14	19.903	244	825372	100.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	39022	33.672	ng	95
3) Pyridine	3.728	79	93236	33.833	ng	97
4) n-Nitrosodimethylamine	3.640	42	50250	40.392	ng	89
6) Aniline	7.234	93	130079	34.781	ng	94
8) 2-Chlorophenol	7.469	128	139479	48.625	ng	95
9) Benzaldehyde	7.045	77	31530	23.860	ng	92
10) Phenol	7.104	94	147789	48.793	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	110674	45.119	ng	99
12) 1,3-Dichlorobenzene	7.787	146	173175	47.252	ng	97
13) 1,4-Dichlorobenzene	7.939	146	176552	47.733	ng	97
14) 1,2-Dichlorobenzene	8.251	146	168218	47.474	ng	99
15) Benzyl Alcohol	8.157	79	92703	42.009	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.439	45	96238	41.421	ng	95
17) 2-Methylphenol	8.357	107	100656	43.325	ng	97
18) Hexachloroethane	8.975	117	58332	48.834	ng	91
19) n-Nitroso-di-n-propyla...	8.722	70	76859	42.529	ng	94
20) 3+4-Methylphenols	8.687	107	133748	43.178	ng	96
22) Acetophenone	8.739	105	178494	42.373	ng	# 97
24) Nitrobenzene	9.122	77	126261	40.001	ng	91
25) Isophorone	9.645	82	211565	38.835	ng	96
26) 2-Nitrophenol	9.828	139	79881	45.480	ng	99
27) 2,4-Dimethylphenol	9.892	122	111663	44.063	ng	96
28) bis(2-Chloroethoxy)met...	10.128	93	139890	42.018	ng	97
29) 2,4-Dichlorophenol	10.363	162	145208	40.332	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	153945	40.197	ng	98
31) Naphthalene	10.763	128	394516	43.524	ng	99
32) Benzoic acid	10.045	122	79423	38.717	ng	94
33) 4-Chloroaniline	10.886	127	61974	15.601	ng	96
34) Hexachlorobutadiene	11.033	225	76471	39.860	ng	96
35) Caprolactam	11.686	113	15838	20.426	ng	# 83
36) 4-Chloro-3-methylphenol	12.010	107	102923	38.661	ng	93
37) 2-Methylnaphthalene	12.369	142	291150	39.748	ng	99
38) 1-Methylnaphthalene	12.586	142	269062	38.982	ng	98
40) 1,2,4,5-Tetrachloroben...	12.733	216	122060	44.190	ng	99
41) Hexachlorocyclopentadiene	12.704	237	161122	94.002	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	93765	43.210	ng	98

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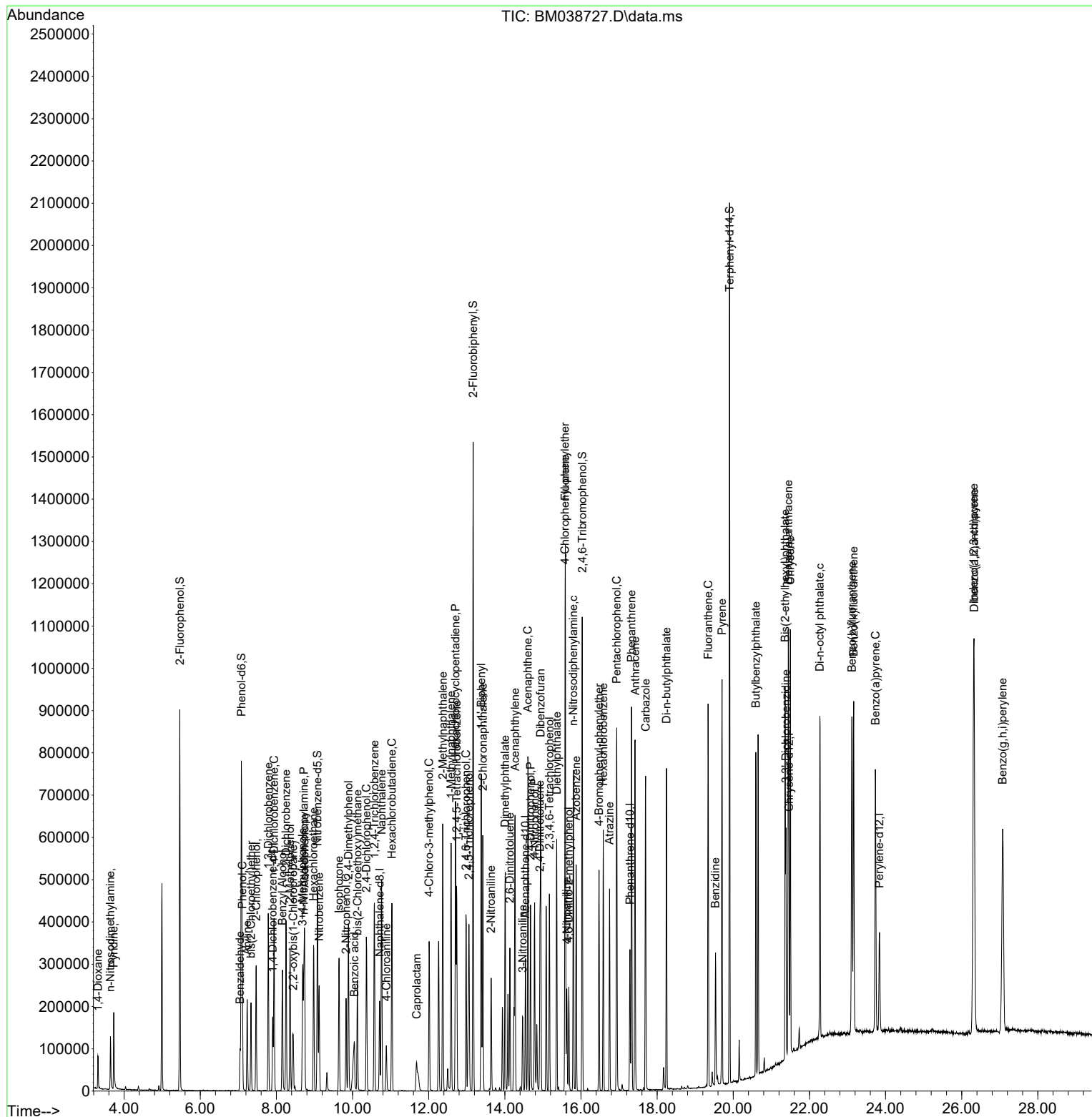
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	99791	39.078	ng	98
46) 1,1'-Biphenyl	13.380	154	394756	46.954	ng	100
47) 2-Chloronaphthalene	13.421	162	309760	46.823	ng	96
48) 2-Nitroaniline	13.639	65	60490	40.854	ng	98
49) Acenaphthylene	14.268	152	471512	45.250	ng	99
50) Dimethylphthalate	14.010	163	357693	41.299	ng	99
51) 2,6-Dinitrotoluene	14.133	165	76661	43.549	ng	96
52) Acenaphthene	14.604	154	277447	44.593	ng	98
53) 3-Nitroaniline	14.468	138	54311	30.108	ng	99
54) 2,4-Dinitrophenol	14.674	184	98235	85.735	ng	96
55) Dibenzofuran	14.939	168	445245	41.557	ng	98
56) 4-Nitrophenol	14.780	139	129513	91.734	ng	94
57) 2,4-Dinitrotoluene	14.921	165	101855	39.511	ng	98
58) Fluorene	15.586	166	351579	41.472	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	74521	41.930	ng	98
60) Diethylphthalate	15.363	149	342496	41.742	ng	98
61) 4-Chlorophenyl-phenyle...	15.580	204	144966	40.308	ng	99
62) 4-Nitroaniline	15.627	138	65906	35.355	ng	95
63) Azobenzene	15.874	77	268344	42.508	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	51510	42.205	ng	94
66) n-Nitrosodiphenylamine	15.798	169	285834	45.153	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	83576	44.646	ng	97
68) Hexachlorobenzene	16.586	284	108760	47.539	ng	95
69) Atrazine	16.751	200	85041	46.350	ng	99
70) Pentachlorophenol	16.939	266	130630	78.327	ng	99
71) Phenanthrene	17.327	178	511493	44.433	ng	99
72) Anthracene	17.421	178	512042	43.480	ng	99
73) Carbazole	17.698	167	483683	44.038	ng	99
74) Di-n-butylphthalate	18.245	149	562912	45.364	ng	99
75) Fluoranthene	19.339	202	496923	41.113	ng	98
77) Benzidine	19.533	184	193425	44.586	ng	99
78) Pyrene	19.703	202	527440	47.192	ng	100
80) Butylbenzylphthalate	20.592	149	240702	43.452	ng	97
81) Benzo(a)anthracene	21.444	228	450664	43.887	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	142590	40.362	ng	99
83) Chrysene	21.497	228	427240	43.182	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	339069	42.070	ng	99
85) Di-n-octyl phthalate	22.274	149	574910	43.700	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	700061	52.473	ng	97
88) Benzo(b)fluoranthene	23.115	252	508168	50.090	ng	98
89) Benzo(k)fluoranthene	23.162	252	494957	48.044	ng	98
90) Benzo(a)pyrene	23.733	252	451779	45.030	ng	98
91) Dibenzo(a,h)anthracene	26.327	278	591409	52.689	ng	98
92) Benzo(g,h,i)perylene	27.074	276	595986	52.527	ng	98

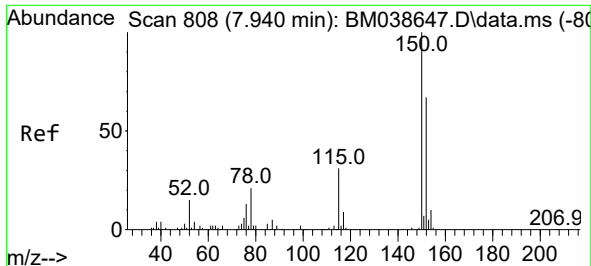
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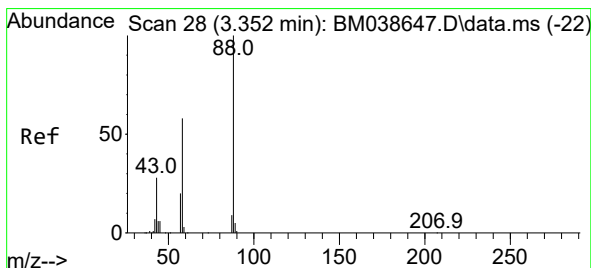
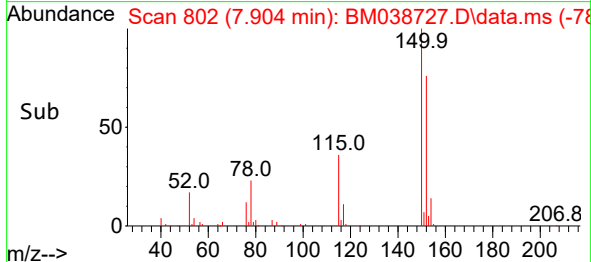
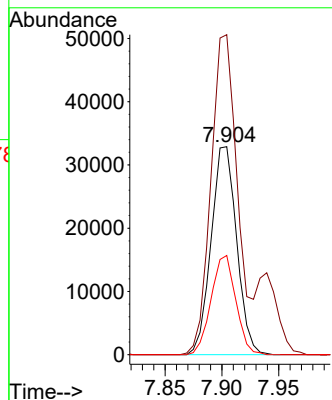
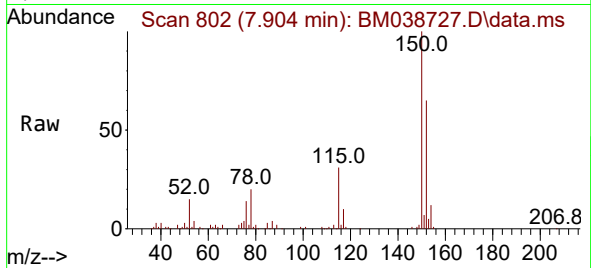




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038727.D
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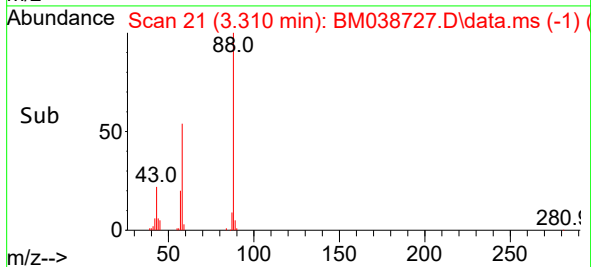
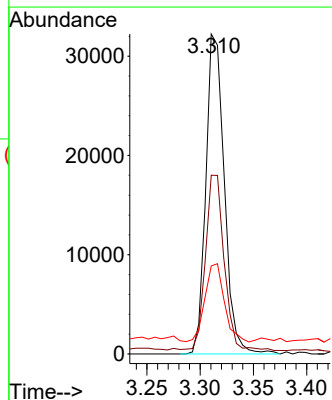
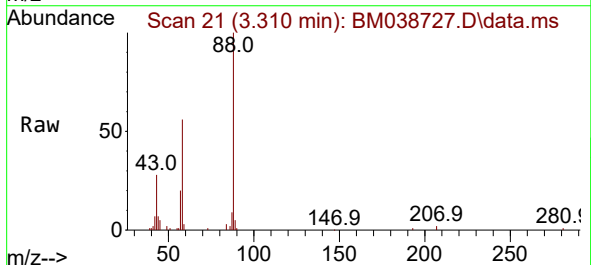
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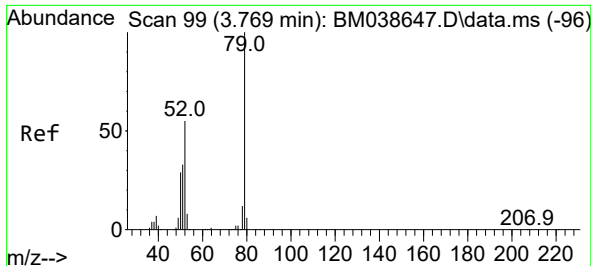
Tgt Ion:152 Resp: 51495
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 47.7 37.6 56.4



#2
1,4-Dioxane
Concen: 33.672 ng
RT: 3.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 88 Resp: 39022
Ion Ratio Lower Upper
88 100
58 55.4 47.0 70.4
43 25.7 22.6 33.8

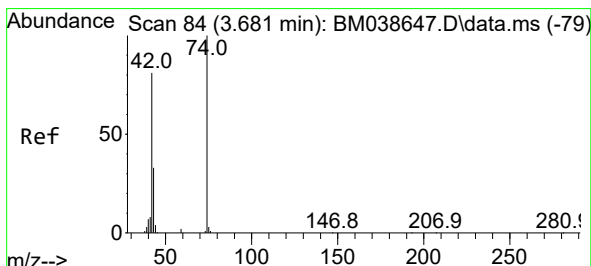
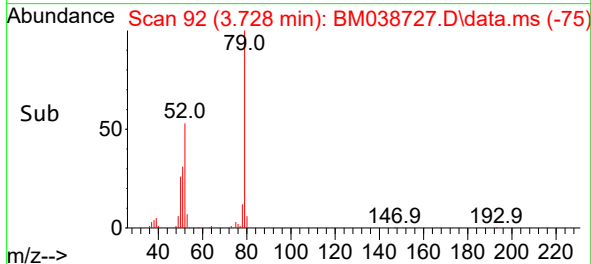
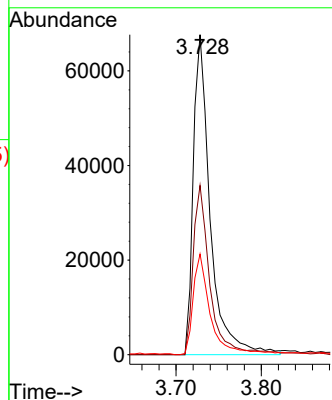
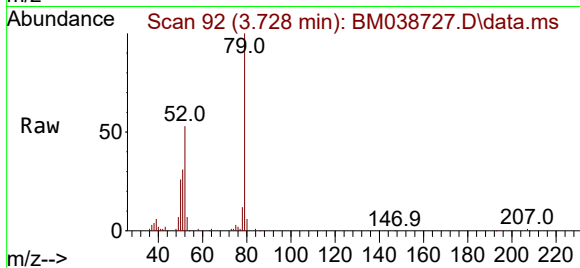




#3
Pyridine
Concen: 33.833 ng
RT: 3.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

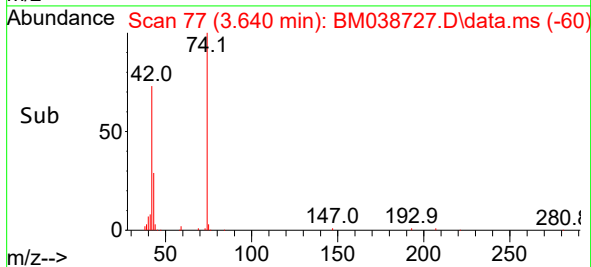
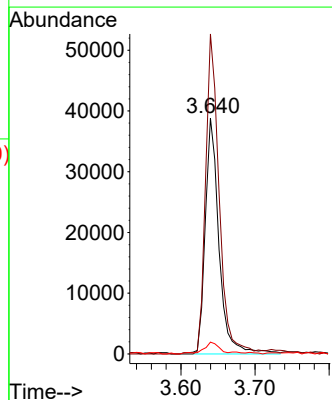
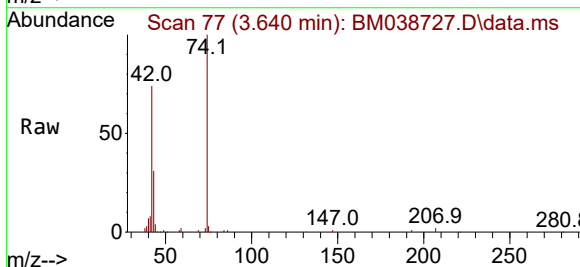
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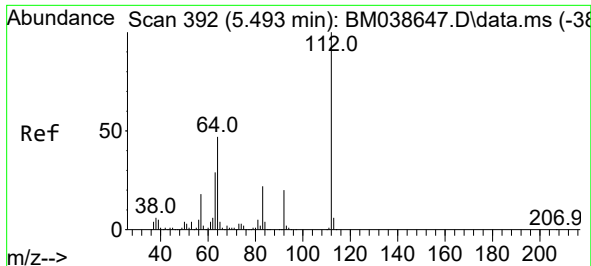
Tgt Ion: 79 Resp: 93236
Ion Ratio Lower Upper
79 100
52 52.9 43.7 65.5
51 31.4 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 40.392 ng
RT: 3.640 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 42 Resp: 50250
Ion Ratio Lower Upper
42 100
74 135.7 98.4 147.6
44 5.0 3.5 5.3

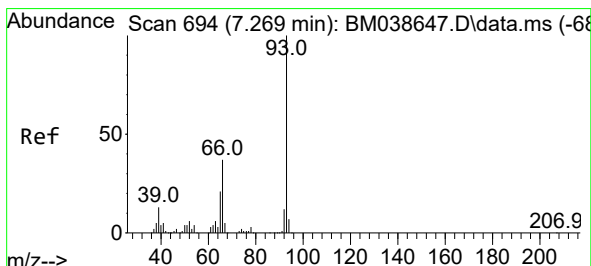
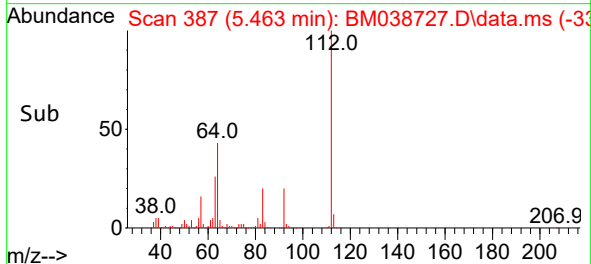
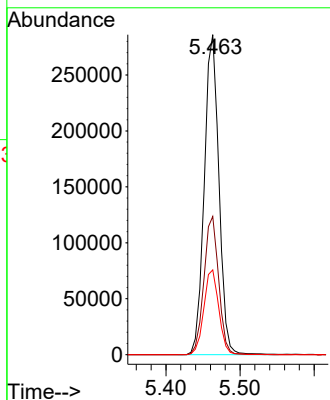
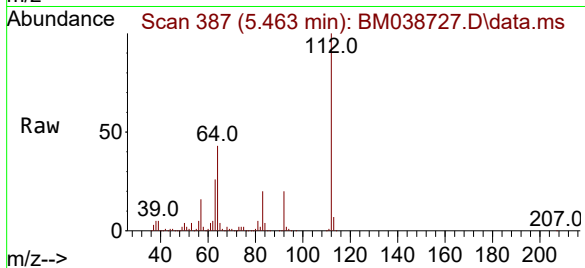




#5
2-Fluorophenol
Concen: 149.579 ng
RT: 5.463 min Scan# 392
Delta R.T. 0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

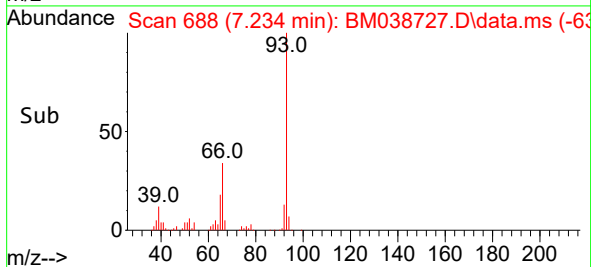
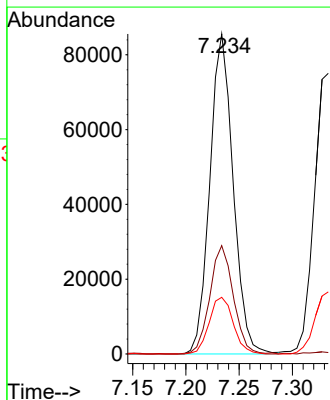
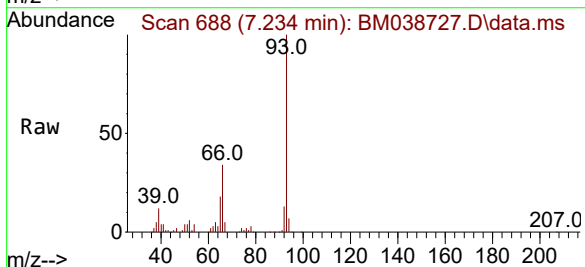
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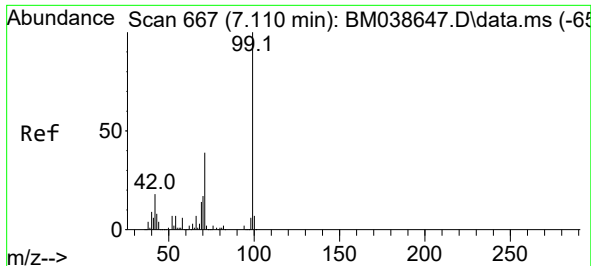
Tgt Ion:112 Resp: 393208
Ion Ratio Lower Upper
112 100
64 43.2 37.9 56.9
63 26.5 23.3 34.9



#6
Aniline
Concen: 34.781 ng
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 93 Resp: 130079
Ion Ratio Lower Upper
93 100
66 33.8 29.8 44.8
65 17.7 16.9 25.3

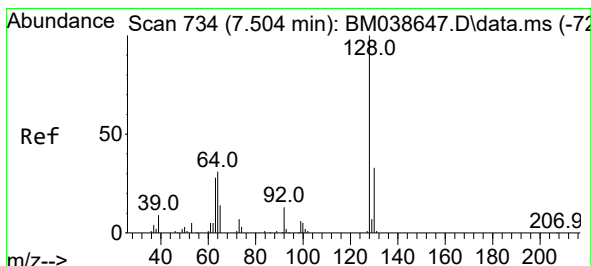
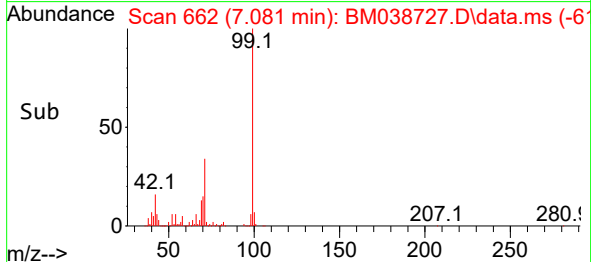
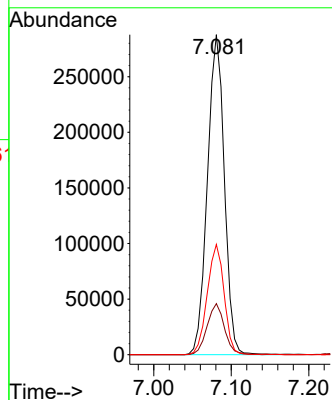
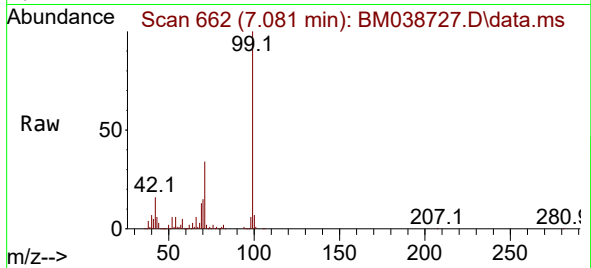




#7
Phenol-d6
Concen: 145.775 ng
RT: 7.081 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038727.D
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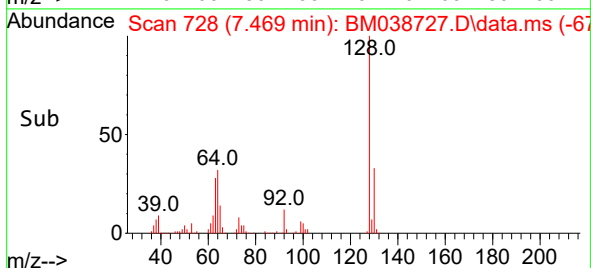
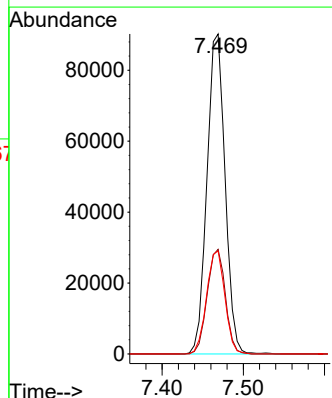
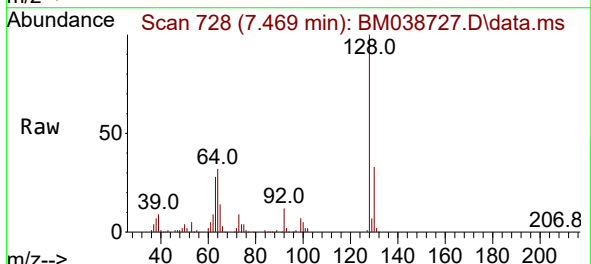
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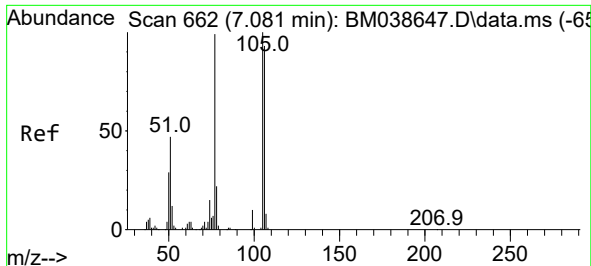
Tgt Ion: 99 Resp: 437058
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 34.5 31.0 46.4



#8
2-Chlorophenol
Concen: 48.625 ng
RT: 7.469 min Scan# 728
Delta R.T. 0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:128 Resp: 139479
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 32.2 17.3 57.3

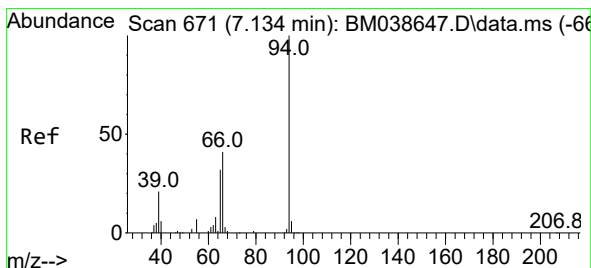
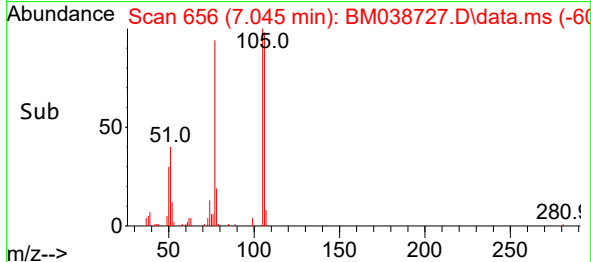
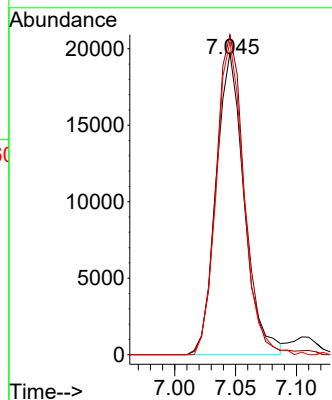
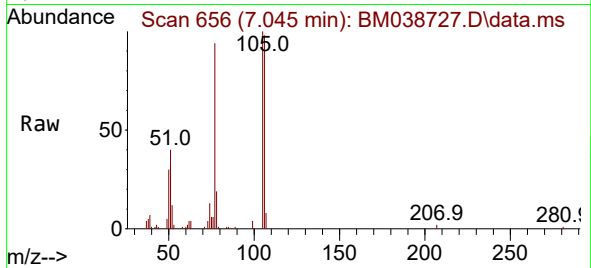




#9
Benzaldehyde
Concen: 23.860 ng
RT: 7.045 min Scan# 61
Delta R.T. 0.000 min
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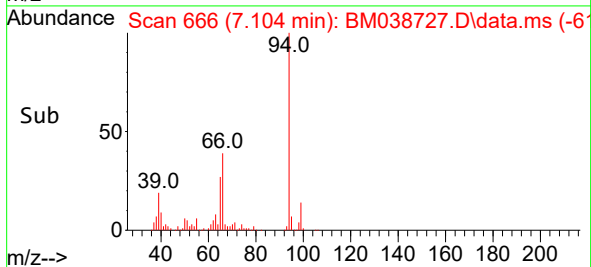
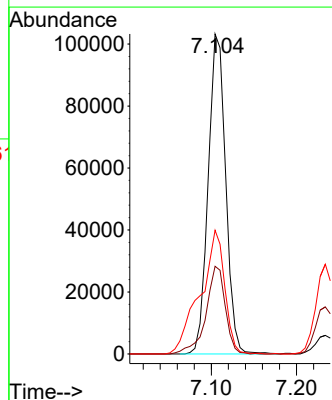
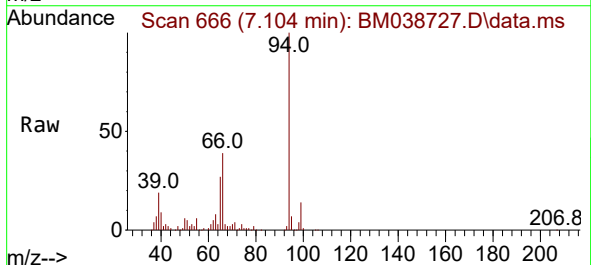
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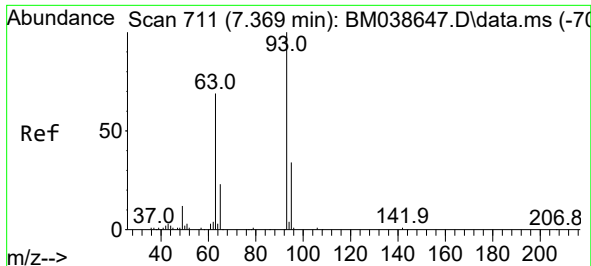
Tgt Ion: 77 Resp: 31530
Ion Ratio Lower Upper
77 100
105 106.0 80.8 120.8
106 103.7 73.8 113.8



#10
Phenol
Concen: 48.793 ng
RT: 7.104 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 94 Resp: 147789
Ion Ratio Lower Upper
94 100
65 27.4 12.3 52.3
66 38.6 24.2 64.2

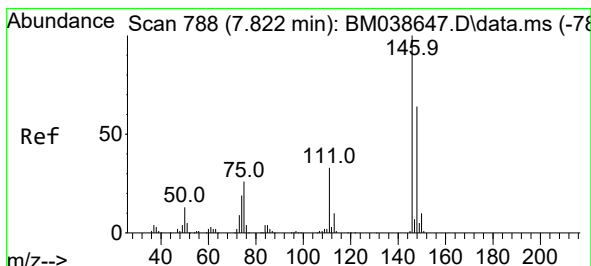
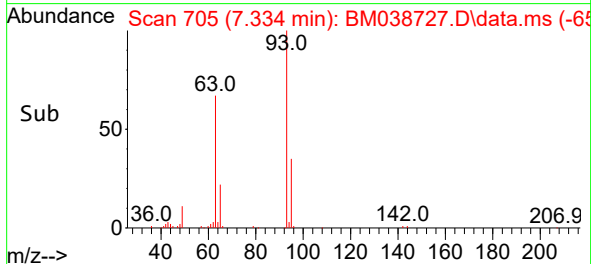
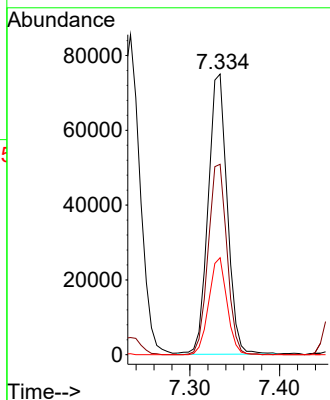
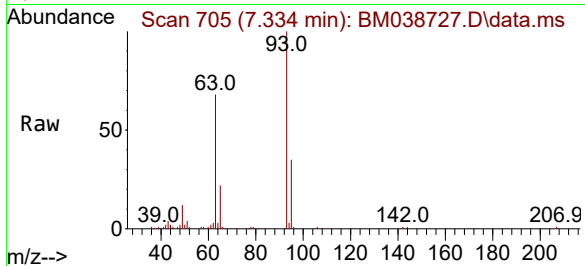




#11
bis(2-Chloroethyl)ether
Concen: 45.119 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

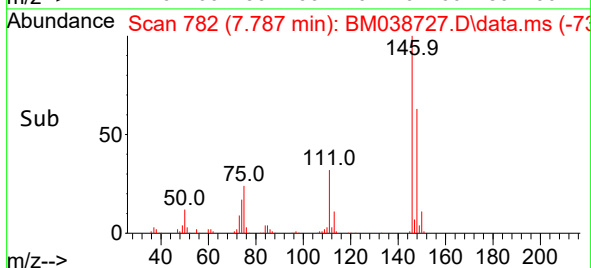
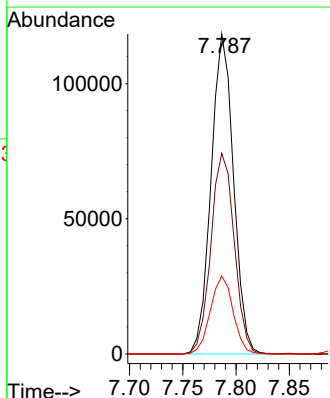
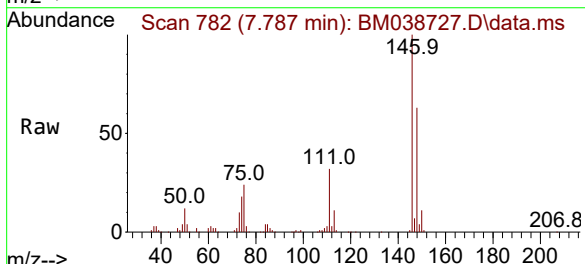
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

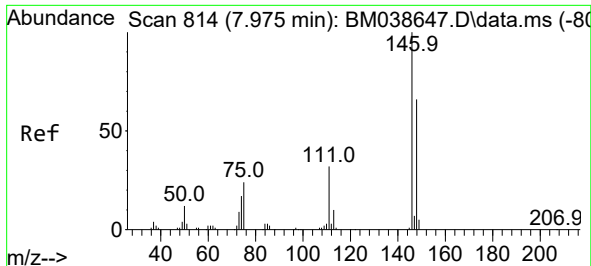
Tgt Ion: 93 Resp: 110674
Ion Ratio Lower Upper
93 100
63 67.9 48.5 88.5
95 34.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 47.252 ng
RT: 7.787 min Scan# 782
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 146 Resp: 173175
Ion Ratio Lower Upper
146 100
148 62.7 51.5 77.3
75 24.4 21.1 31.7

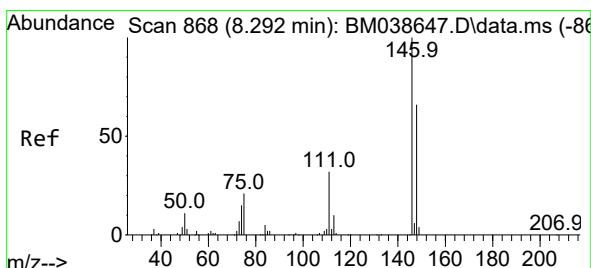
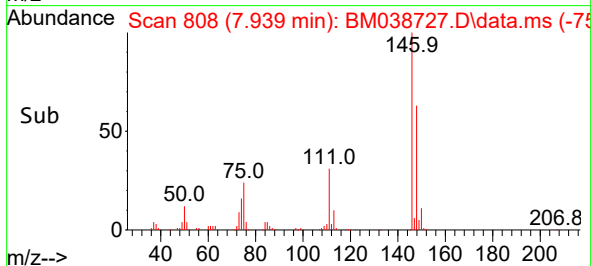
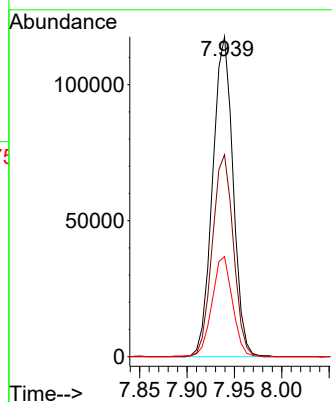
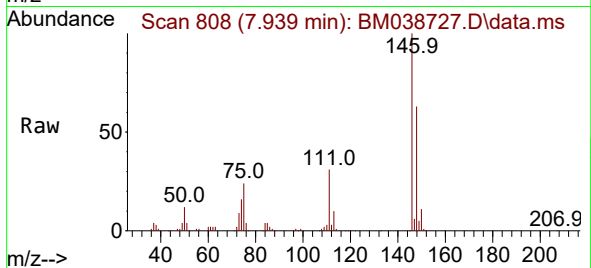




#13
1,4-Dichlorobenzene
Concen: 47.733 ng
RT: 7.939 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

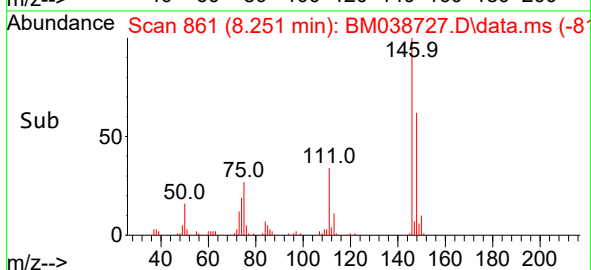
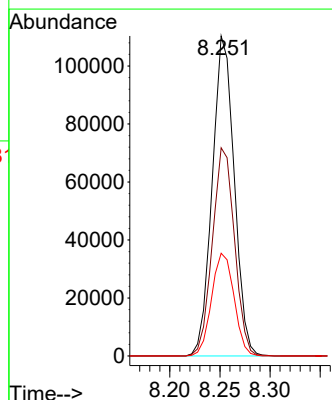
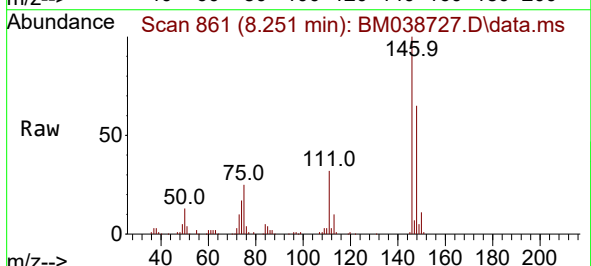
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

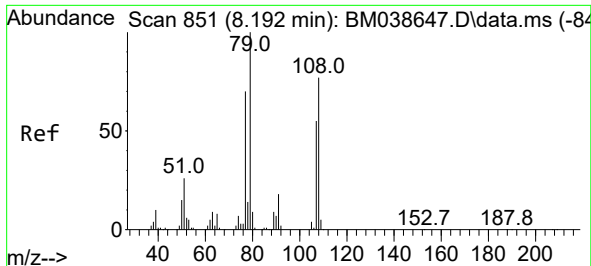
Tgt Ion:146 Resp: 176552
Ion Ratio Lower Upper
146 100
148 63.1 53.1 79.7
111 31.3 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 47.474 ng
RT: 8.251 min Scan# 861
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:146 Resp: 168218
Ion Ratio Lower Upper
146 100
148 65.1 52.9 79.3
111 32.1 26.2 39.2

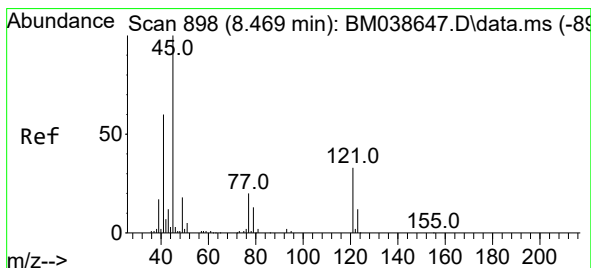
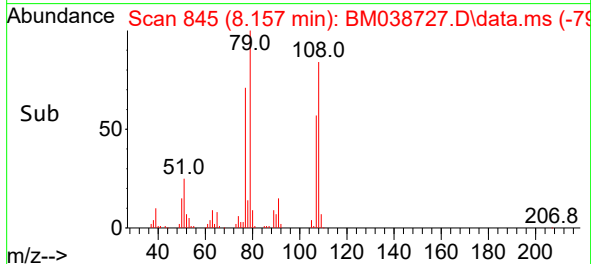
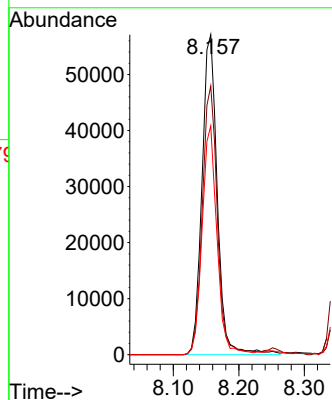
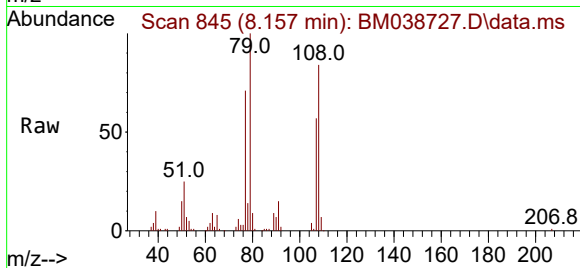




#15
Benzyl Alcohol
Concen: 42.009 ng
RT: 8.157 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

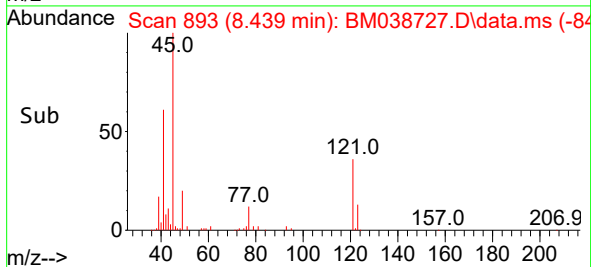
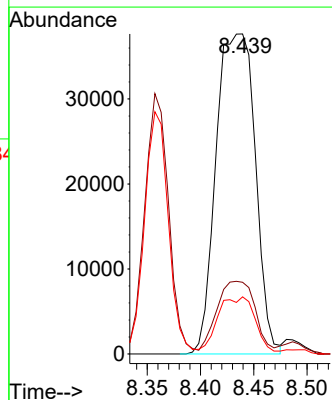
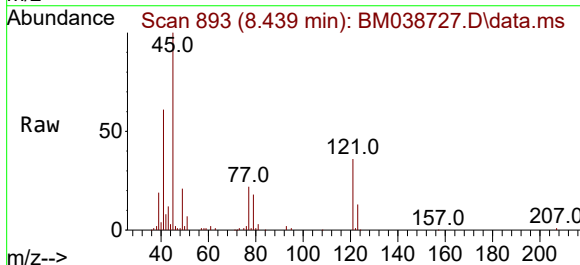
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

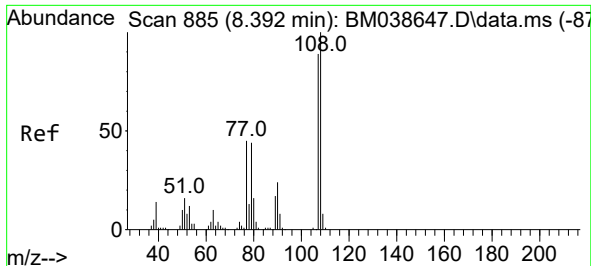
Tgt Ion: 79 Resp: 92703
Ion Ratio Lower Upper
79 100
108 83.9 61.9 92.9
77 71.5 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.421 ng
RT: 8.439 min Scan# 893
Delta R.T. 0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 45 Resp: 96238
Ion Ratio Lower Upper
45 100
77 22.4 1.1 41.1
79 17.8 0.0 34.6

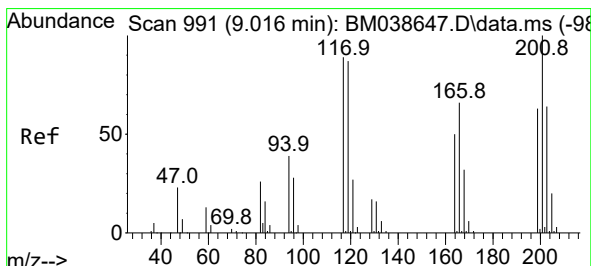
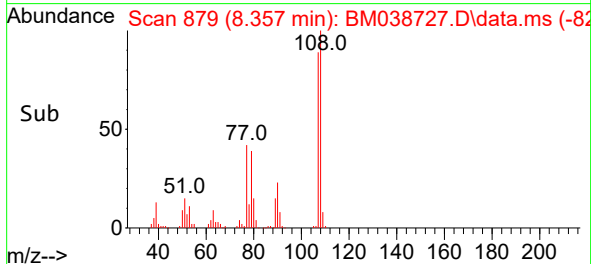
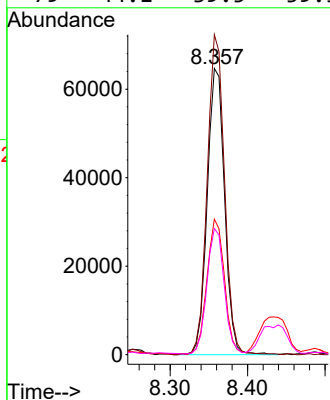
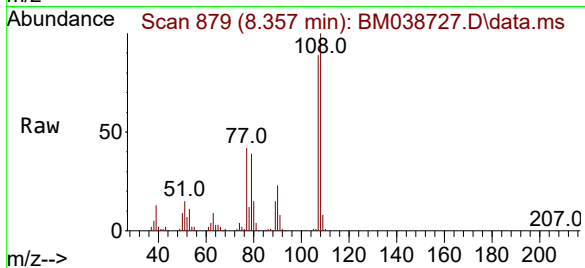




#17
2-Methylphenol
Concen: 43.325 ng
RT: 8.357 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

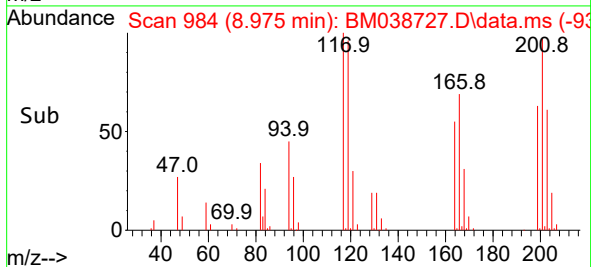
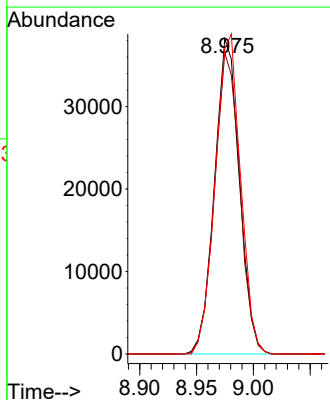
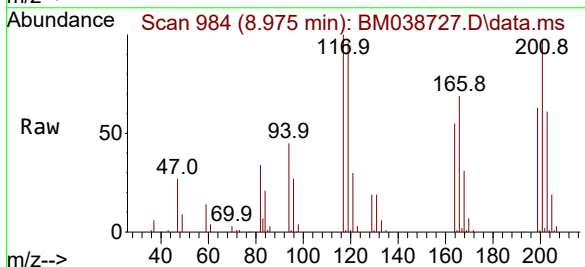
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

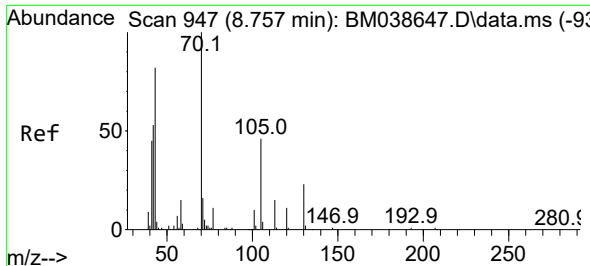
Tgt Ion:	107	Resp:	100656
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.6	134.4
77	47.4	40.7	61.1
79	44.1	39.5	59.3



#18
Hexachloroethane
Concen: 48.834 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:	117	Resp:	58332
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.6	117.8
201	96.9	90.2	135.2

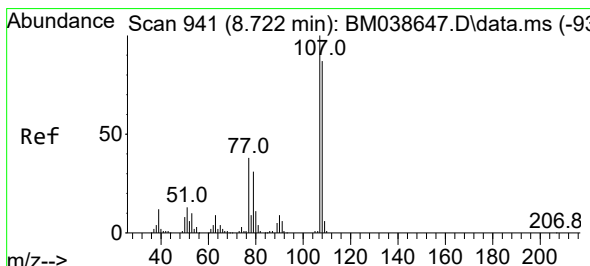
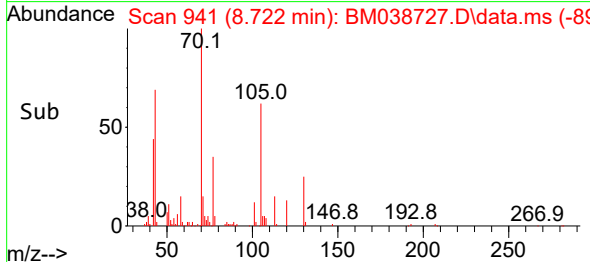
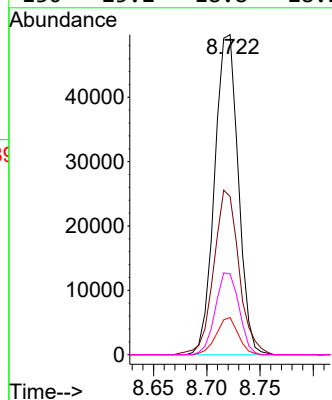
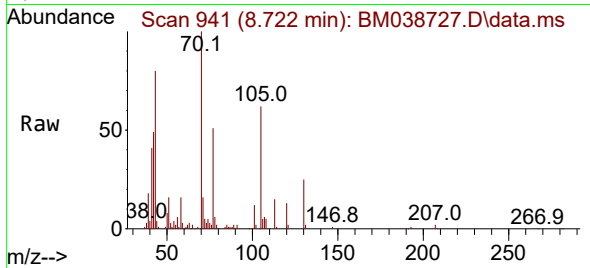




#19
n-Nitroso-di-n-propylamine
Concen: 42.529 ng
RT: 8.722 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

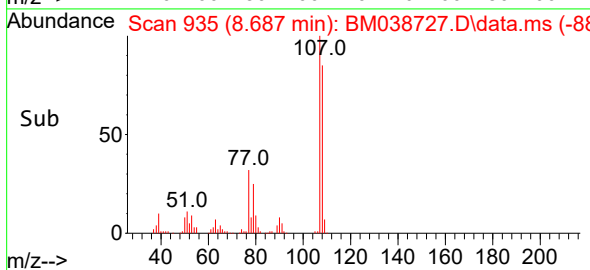
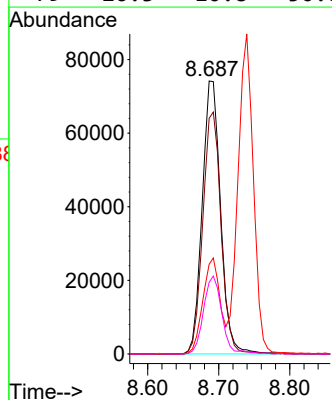
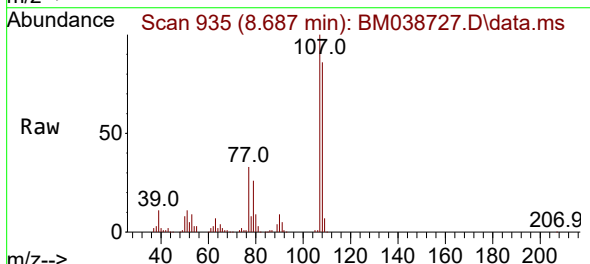
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

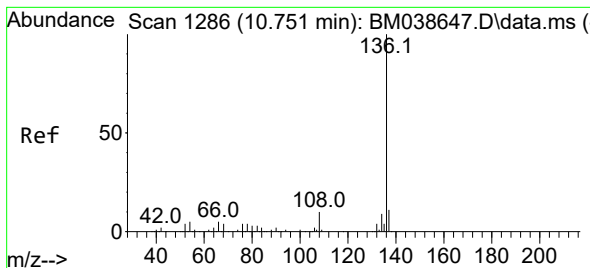
Tgt Ion:	70	Resp:	76859
Ion	Ratio	Lower	Upper
70	100		
42	49.4	43.4	65.2
101	11.6	8.2	12.2
130	25.2	18.8	28.2



#20
3+4-Methylphenols
Concen: 43.178 ng
RT: 8.687 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:	107	Resp:	133748
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.2	107.2
77	32.9	17.5	57.5
79	26.3	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

Tgt Ion:136 Resp: 176638

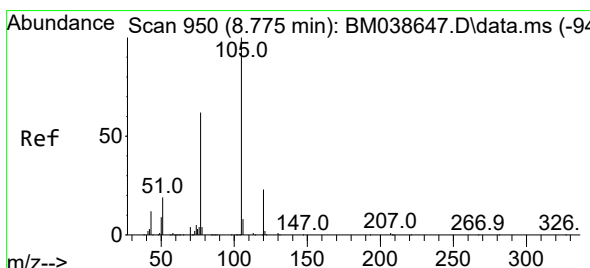
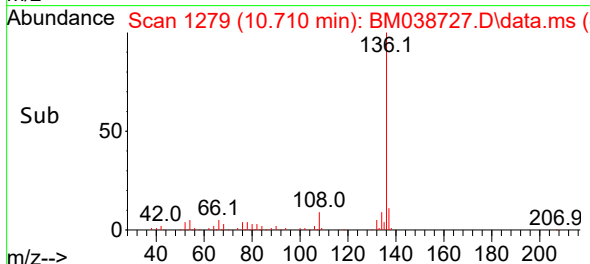
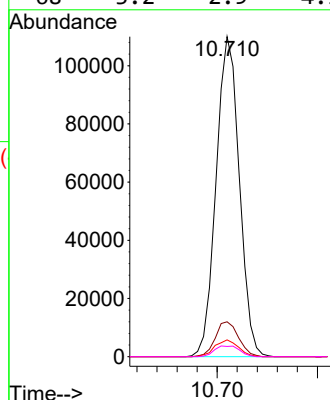
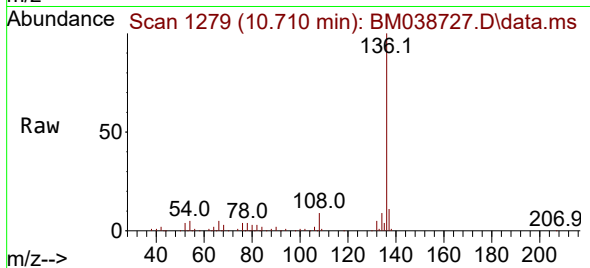
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 4.2 6.4

68 3.2 2.9 4.3



#22

Acetophenone

Concen: 42.373 ng

RT: 8.739 min Scan# 944

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Tgt Ion:105 Resp: 178494

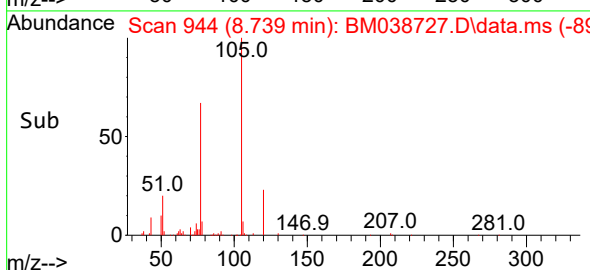
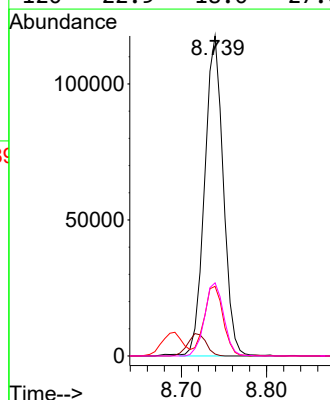
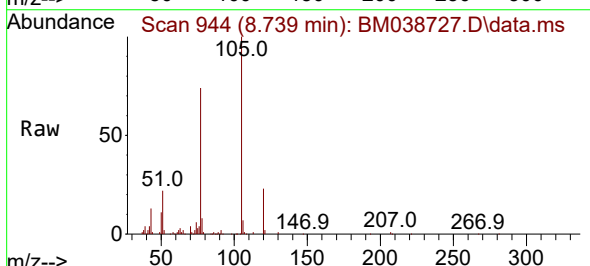
Ion Ratio Lower Upper

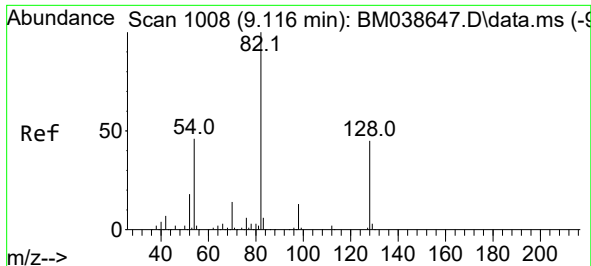
105 100

71 0.6 0.9 1.3#

51 21.7 19.3 28.9

120 22.9 18.0 27.0

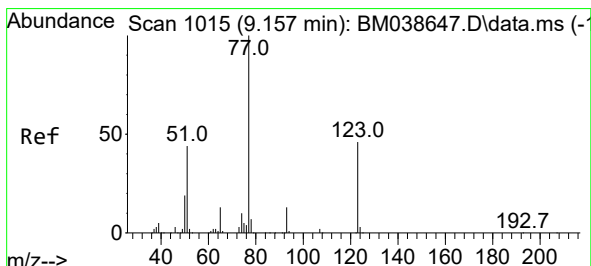
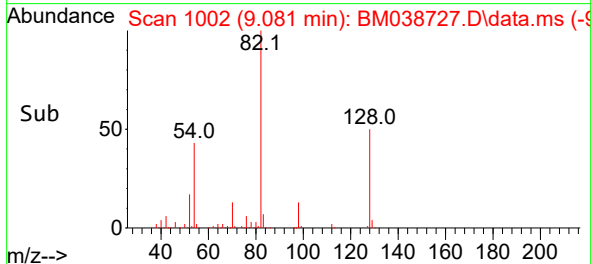
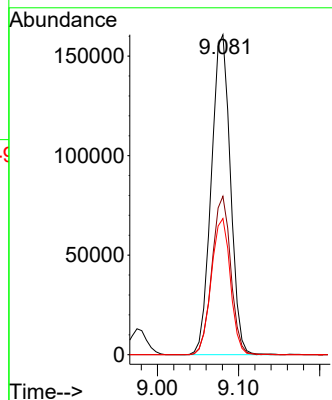
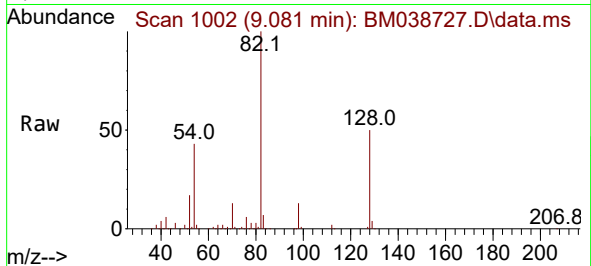




#23
Nitrobenzene-d5
Concen: 84.474 ng
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

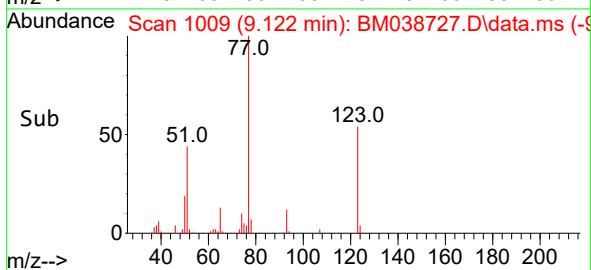
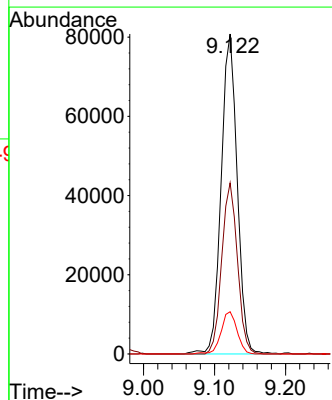
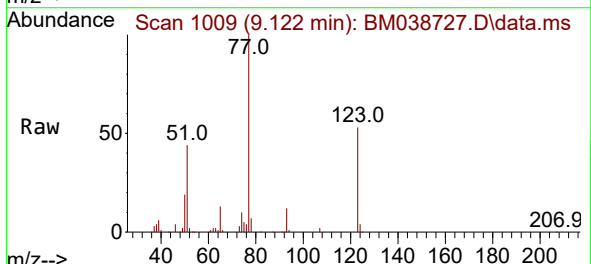
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

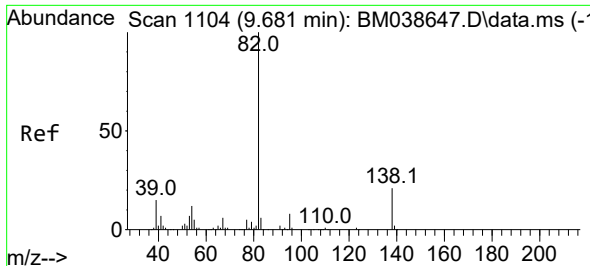
Tgt Ion: 82 Resp: 262697
Ion Ratio Lower Upper
82 100
128 49.5 36.0 54.0
54 42.6 36.8 55.2



#24
Nitrobenzene
Concen: 40.001 ng
RT: 9.122 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 77 Resp: 126261
Ion Ratio Lower Upper
77 100
123 53.5 36.5 54.7
65 13.2 10.7 16.1

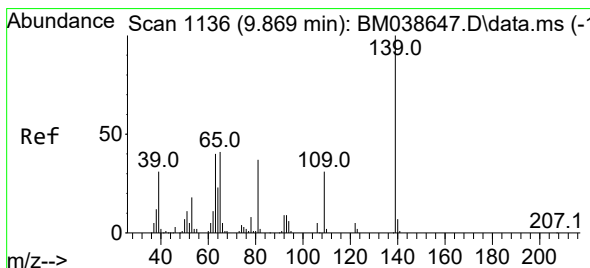
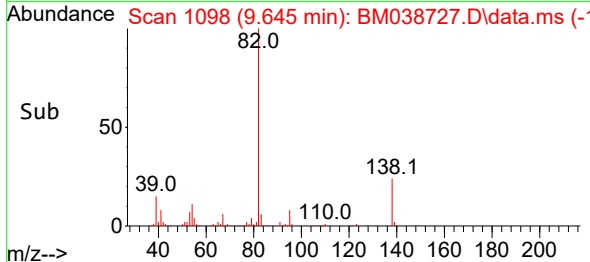
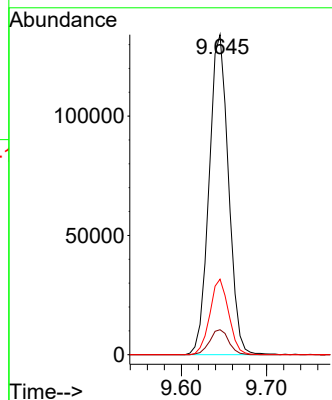
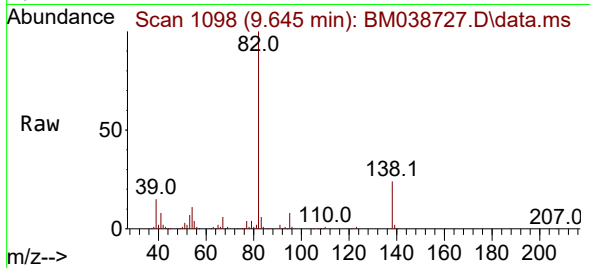




#25
Isophorone
Concen: 38.835 ng
RT: 9.645 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

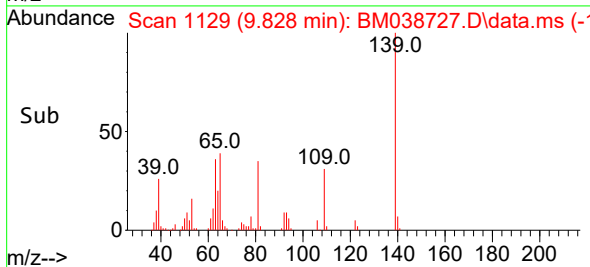
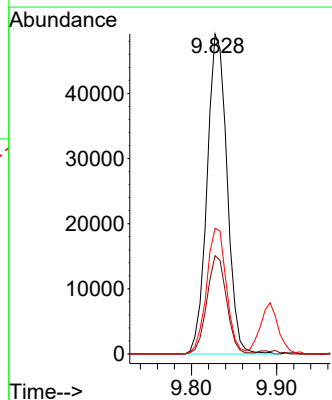
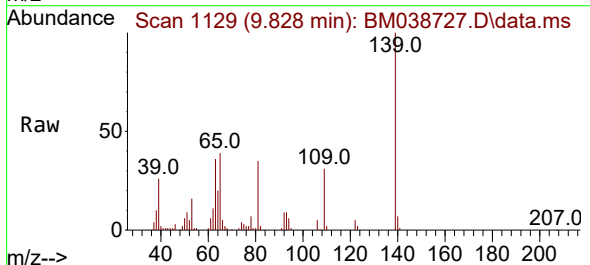
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

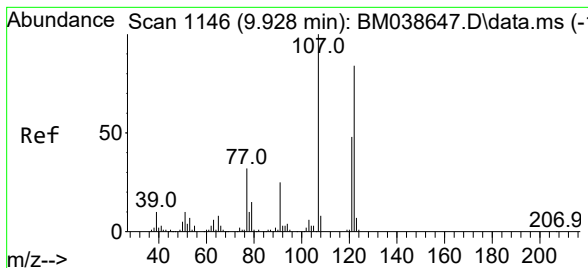
Tgt Ion: 82 Resp: 211565
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 23.6 17.0 25.6



#26
2-Nitrophenol
Concen: 45.480 ng
RT: 9.828 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 139 Resp: 79881
Ion Ratio Lower Upper
139 100
109 30.7 24.5 36.7
65 39.2 32.6 49.0

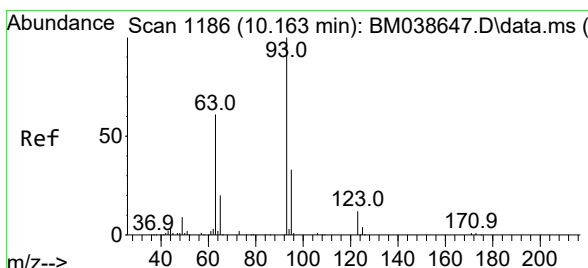
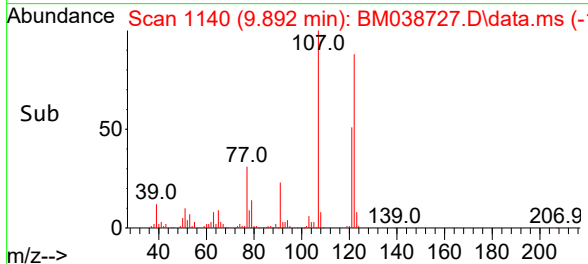
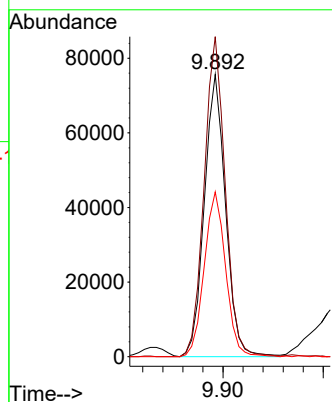
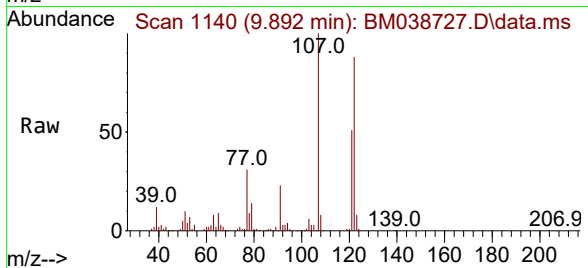




#27
2,4-Dimethylphenol
Concen: 44.063 ng
RT: 9.892 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

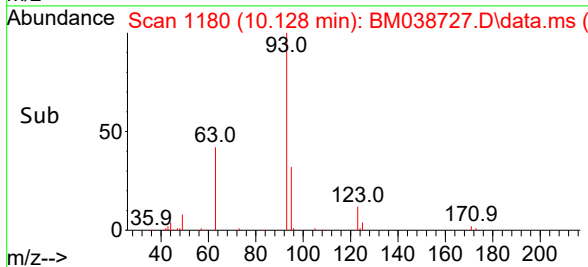
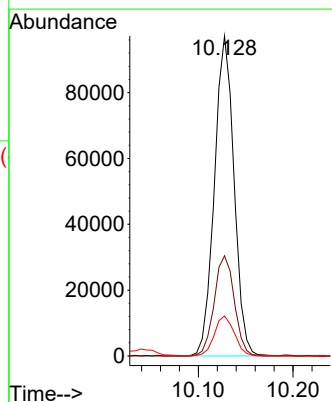
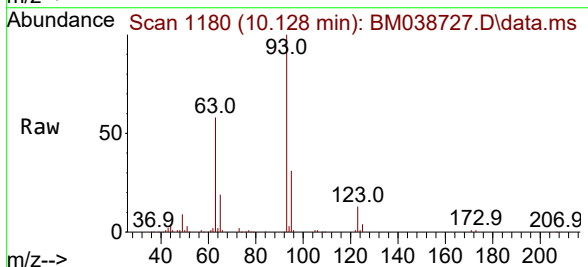
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

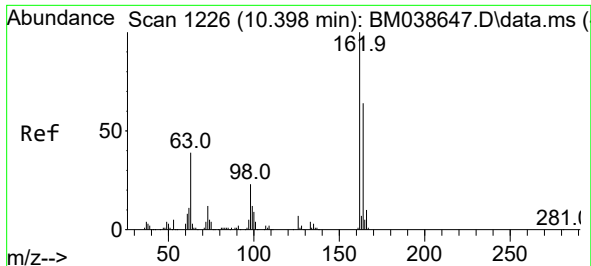
Tgt Ion:122 Resp: 111663
Ion Ratio Lower Upper
122 100
107 113.4 94.9 142.3
121 58.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.018 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 93 Resp: 139890
Ion Ratio Lower Upper
93 100
95 31.3 26.6 40.0
123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.332 ng

RT: 10.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

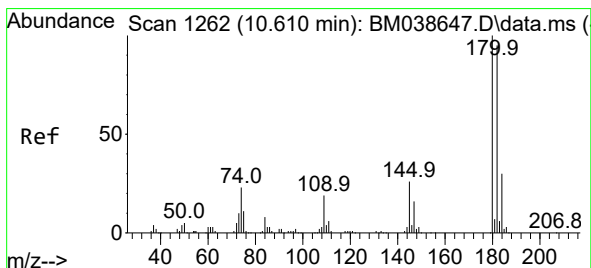
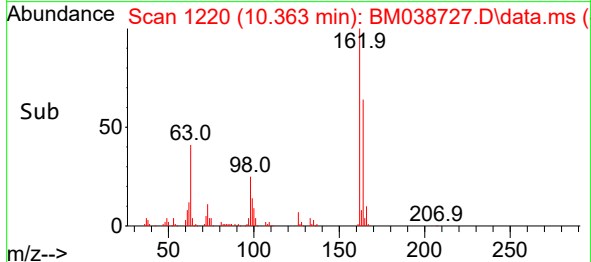
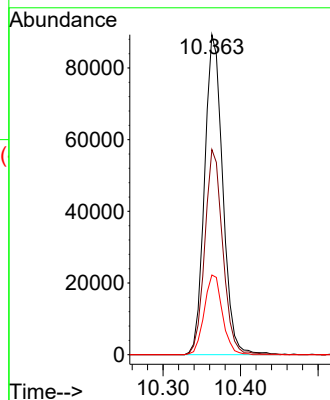
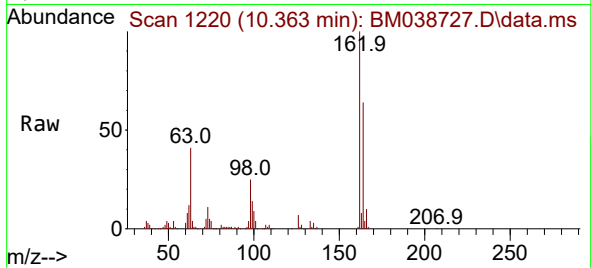
Tgt Ion:162 Resp: 145208

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

98 24.9 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 40.197 ng

RT: 10.575 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

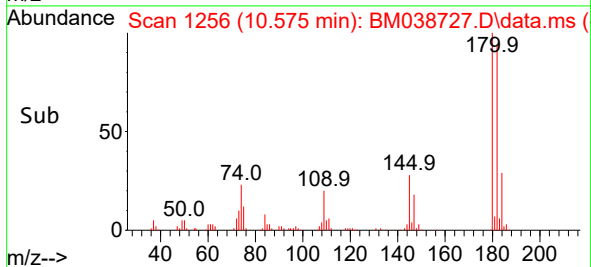
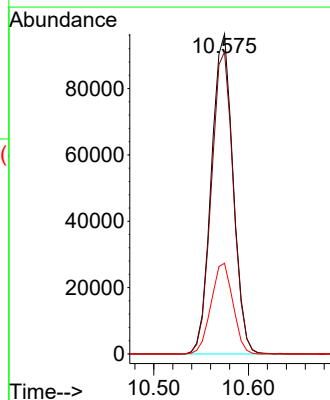
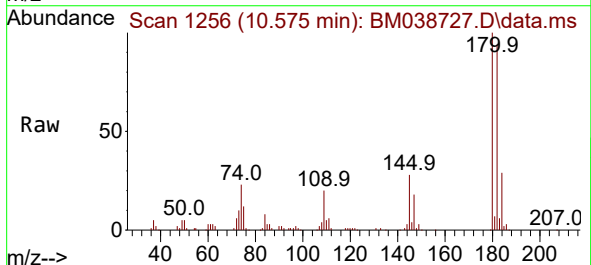
Tgt Ion:180 Resp: 153945

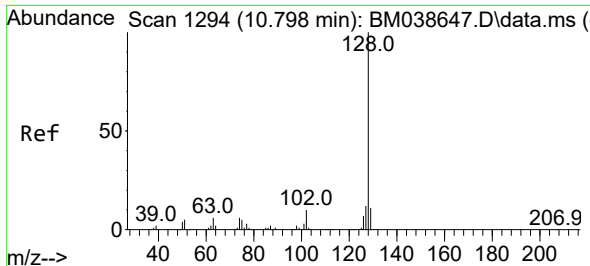
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 28.3 20.8 31.2

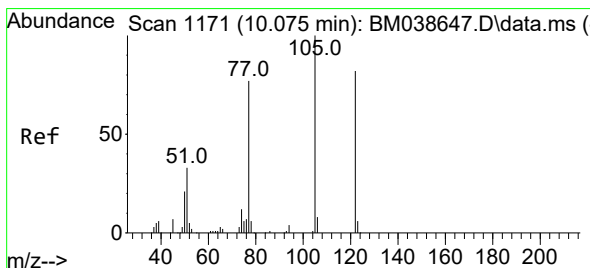
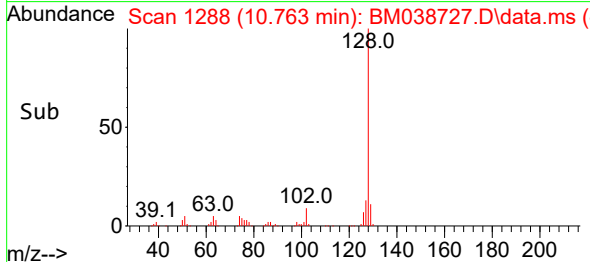
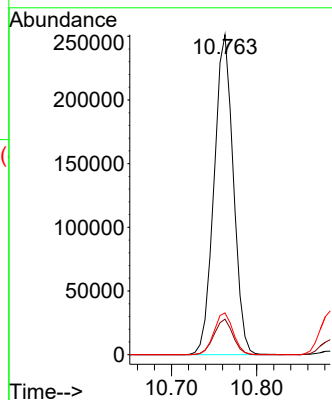
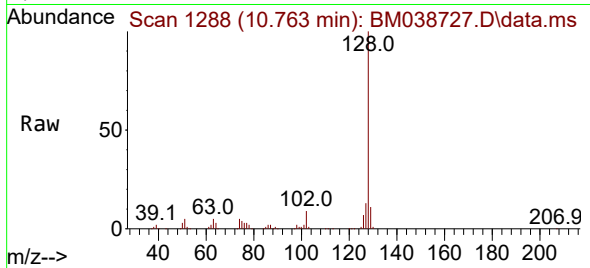




#31
Naphthalene
Concen: 43.524 ng
RT: 10.763 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

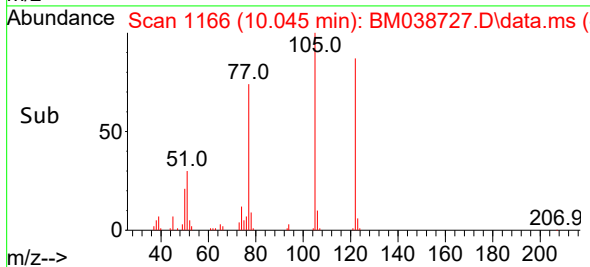
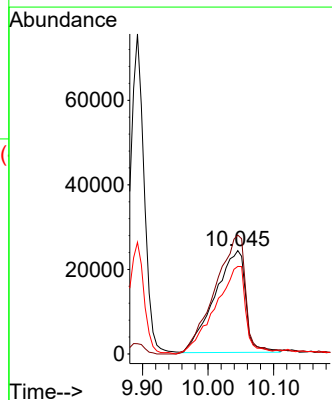
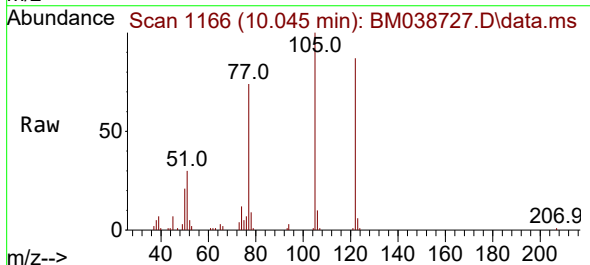
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

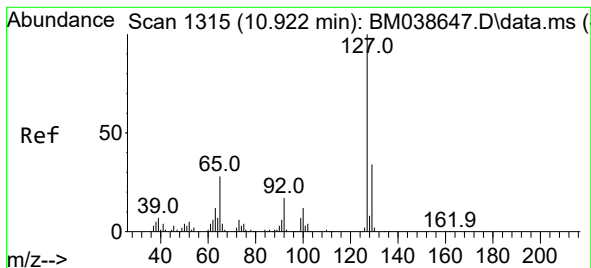
Tgt Ion:128 Resp: 394516
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 9.9 14.9



#32
Benzoic acid
Concen: 38.717 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:122 Resp: 79423
Ion Ratio Lower Upper
122 100
105 114.9 99.2 139.2
77 84.6 72.3 112.3





#33

4-Chloroaniline

Concen: 15.601 ng

RT: 10.886 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

Tgt Ion:127 Resp: 61974

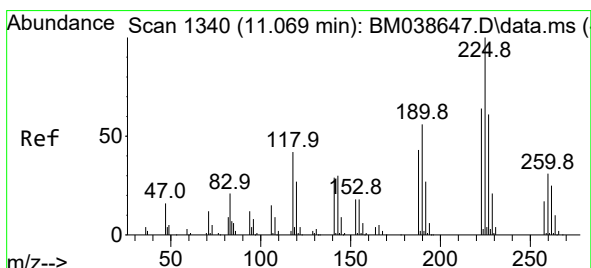
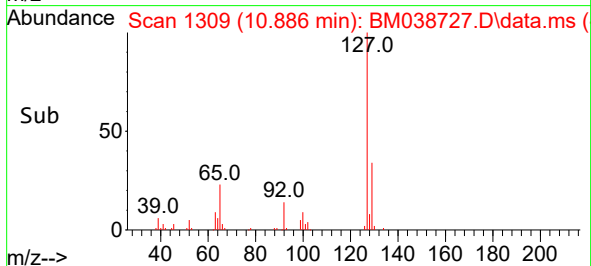
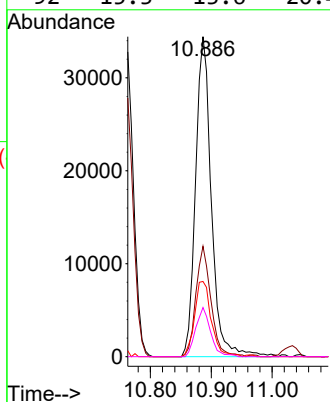
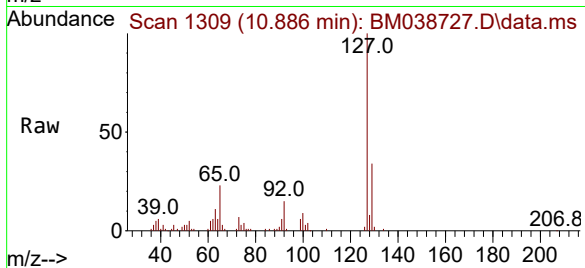
Ion Ratio Lower Upper

127 100

129 34.5 27.1 40.7

65 23.5 22.2 33.4

92 15.3 13.6 20.4



#34

Hexachlorobutadiene

Concen: 39.860 ng

RT: 11.033 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

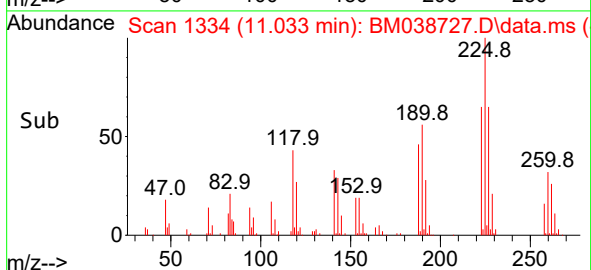
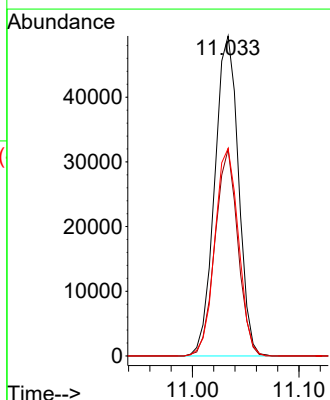
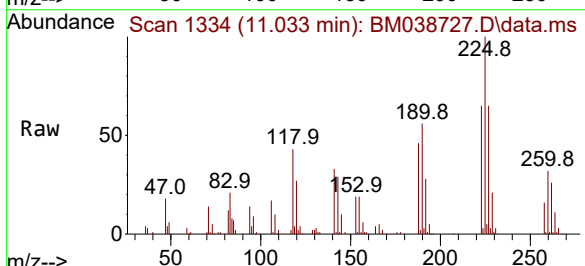
Tgt Ion:225 Resp: 76471

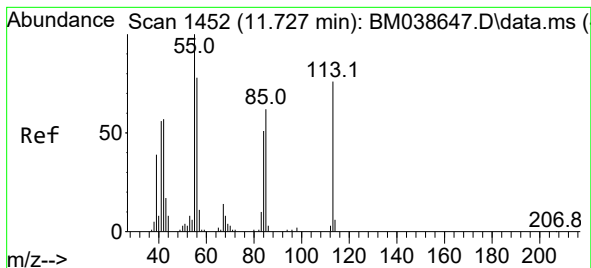
Ion Ratio Lower Upper

225 100

223 67.2 51.0 76.4

227 64.8 49.2 73.8

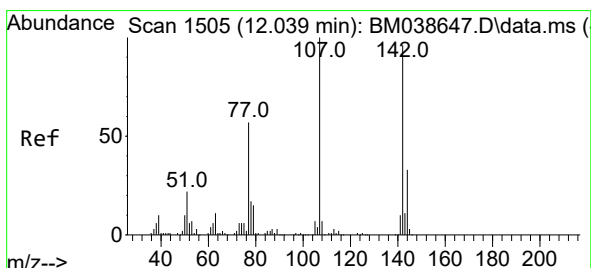
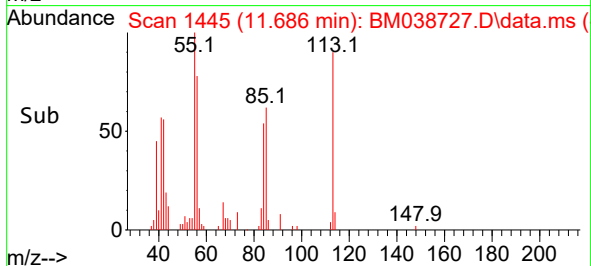
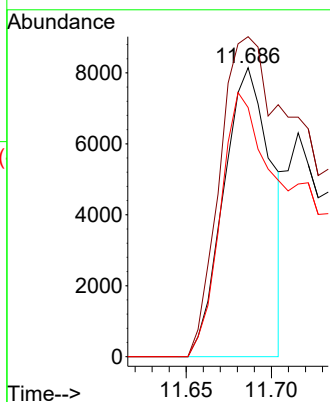
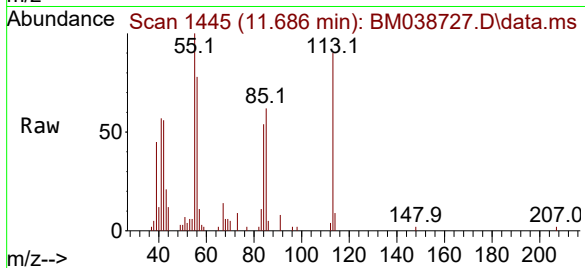




#35
Caprolactam
Concen: 20.426 ng
RT: 11.686 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

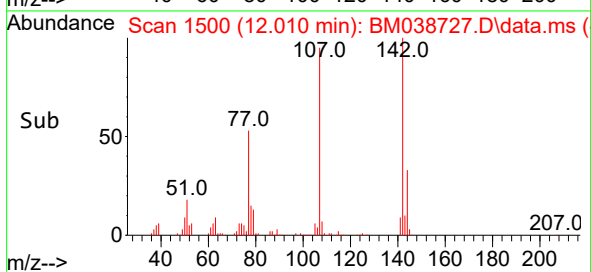
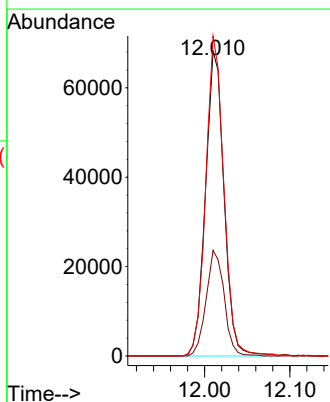
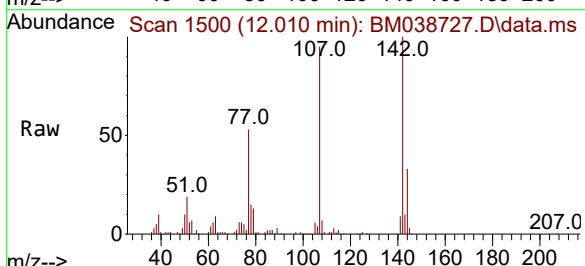
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

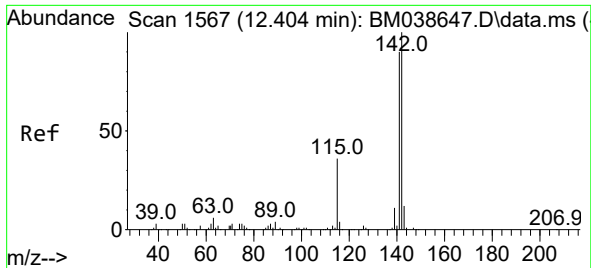
Tgt Ion:113 Resp: 15838
Ion Ratio Lower Upper
113 100
55 110.8 111.2 151.2#
56 86.2 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 38.661 ng
RT: 12.010 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:107 Resp: 102923
Ion Ratio Lower Upper
107 100
144 34.6 26.5 39.7
142 105.0 77.0 115.6

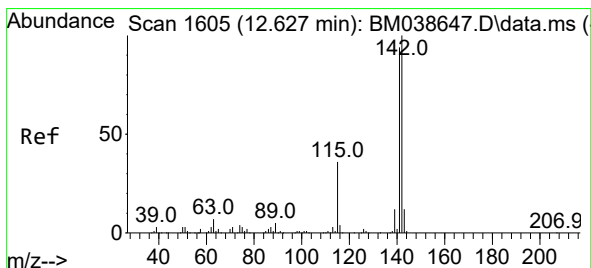
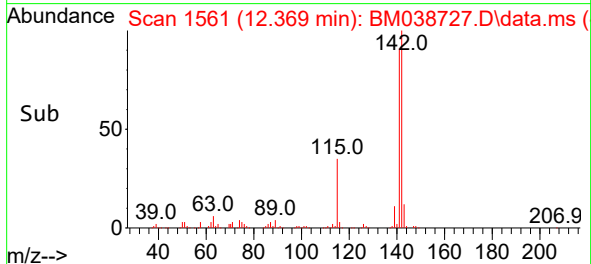
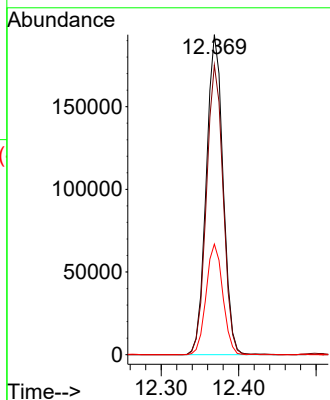
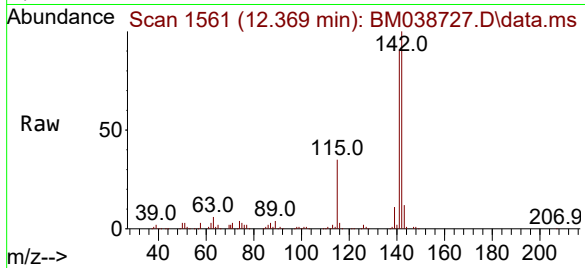




#37
2-Methylnaphthalene
Concen: 39.748 ng
RT: 12.369 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

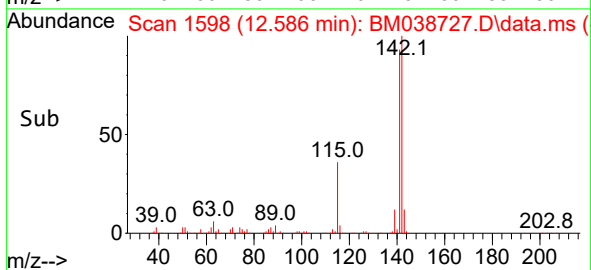
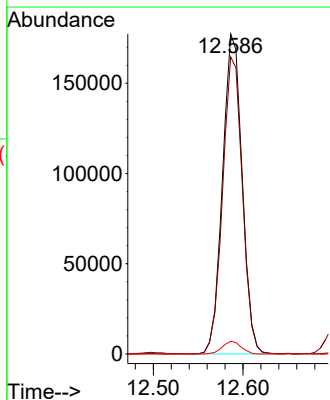
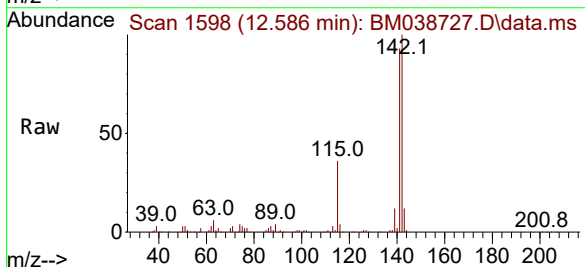
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

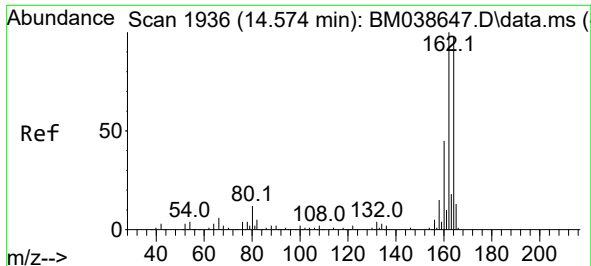
Tgt Ion:142 Resp: 291150
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.8
115 34.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 38.982 ng
RT: 12.586 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:142 Resp: 269062
Ion Ratio Lower Upper
142 100
141 92.9 75.5 113.3
116 4.0 3.1 4.7

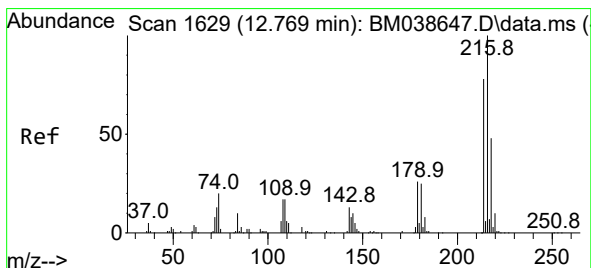
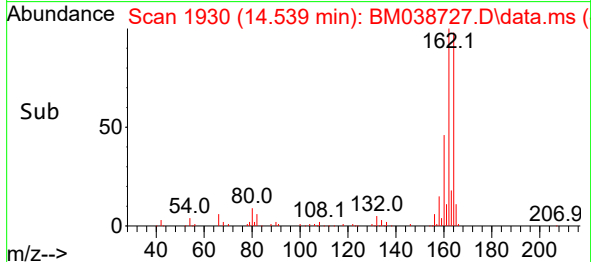
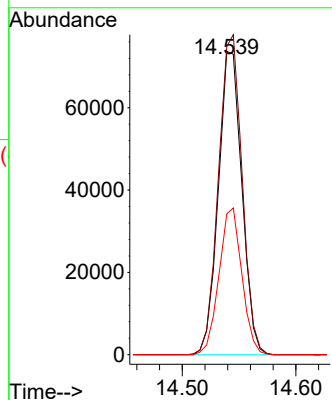
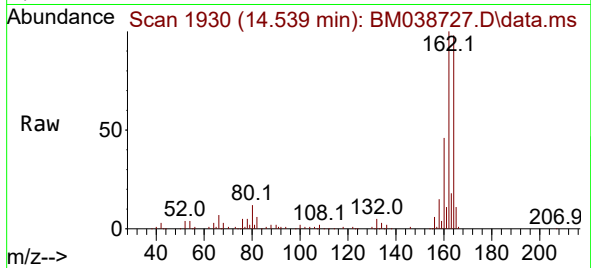




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

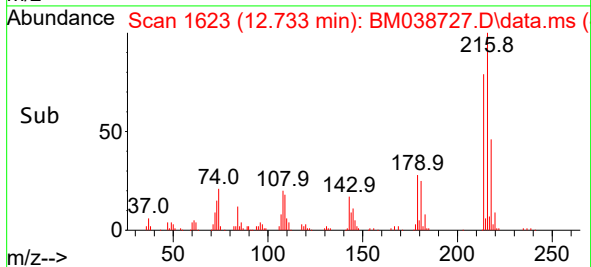
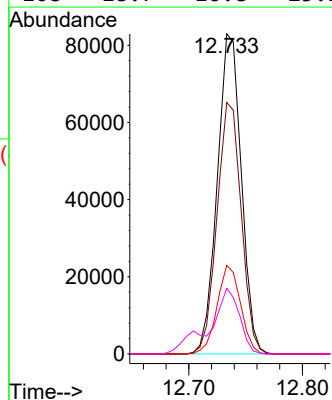
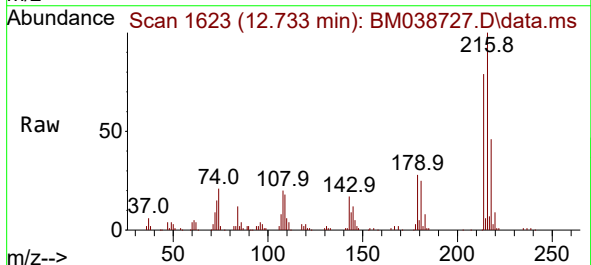
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

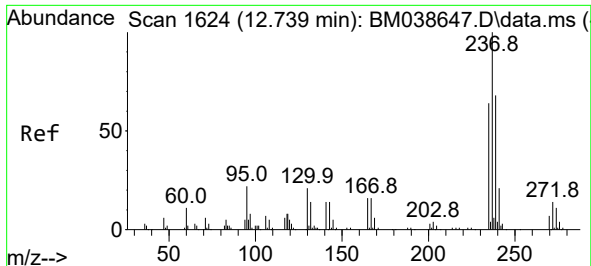
Tgt Ion:164 Resp: 106134
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 46.4 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.190 ng
RT: 12.733 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:216 Resp: 122060
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 27.0 21.0 31.4
108 18.7 16.8 25.2

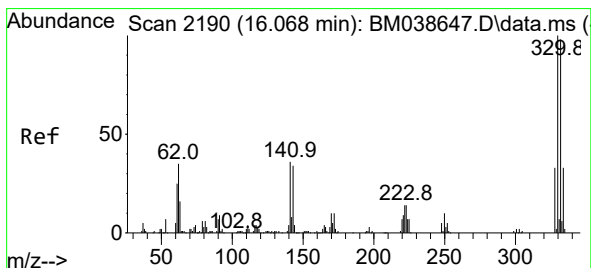
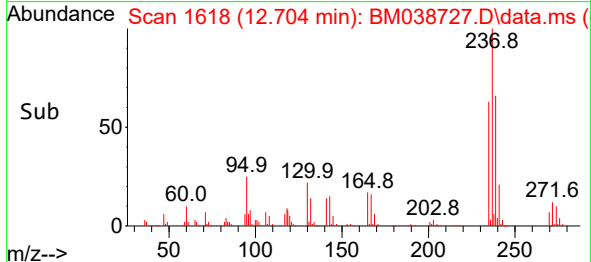
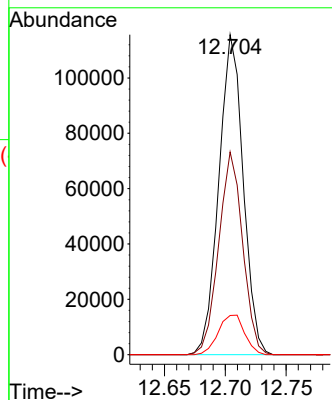
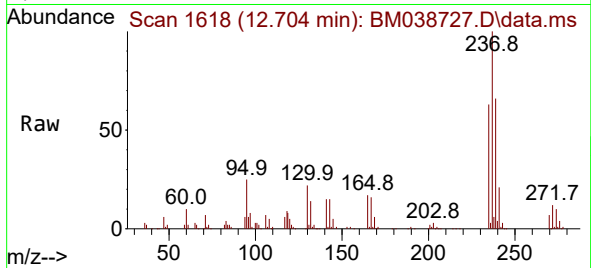




#41
Hexachlorocyclopentadiene
Concen: 94.002 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

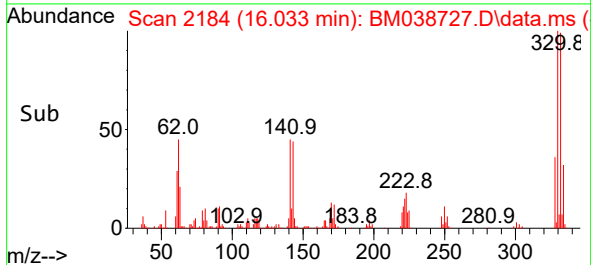
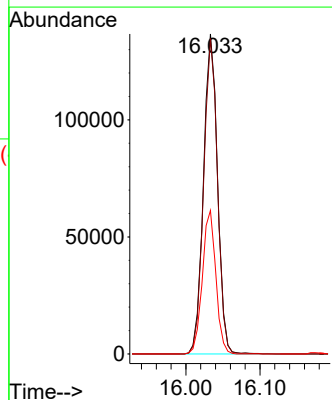
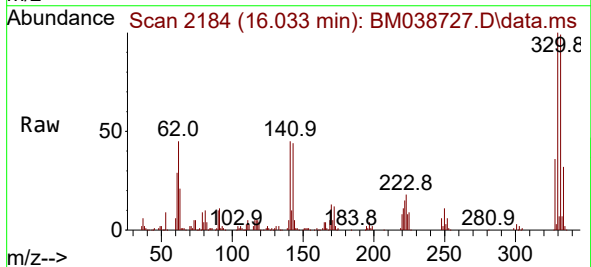
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

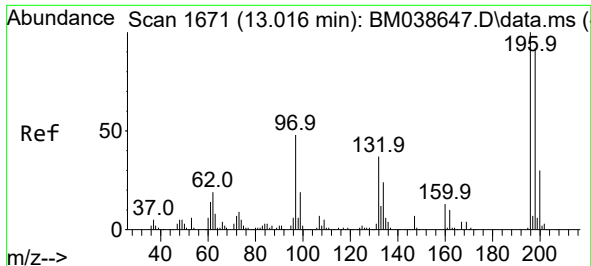
Tgt Ion:237 Resp: 161122
Ion Ratio Lower Upper
237 100
235 63.4 43.8 83.8
272 12.3 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 125.097 ng
RT: 16.033 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:330 Resp: 180465
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 43.1 31.0 46.6

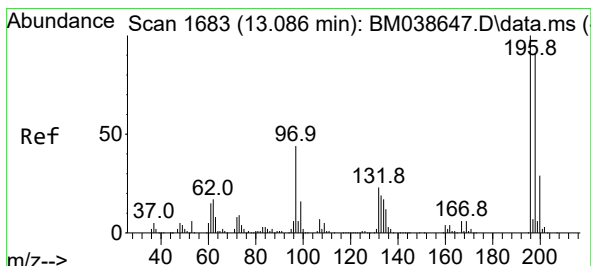
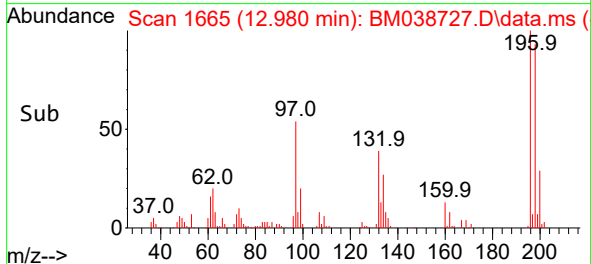
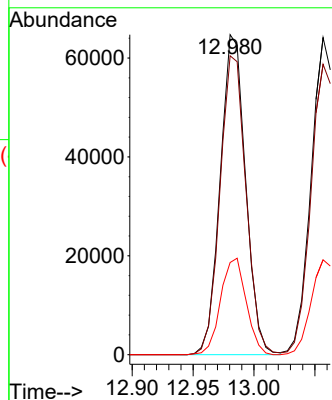
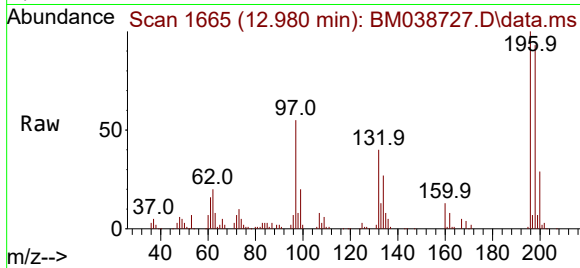




#43
2,4,6-Trichlorophenol
Concen: 43.210 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

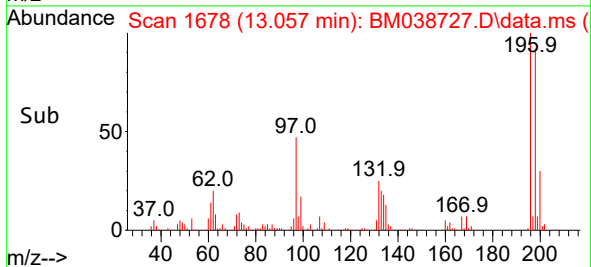
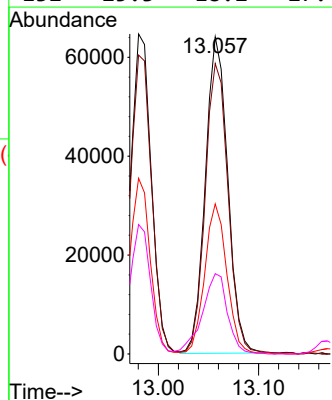
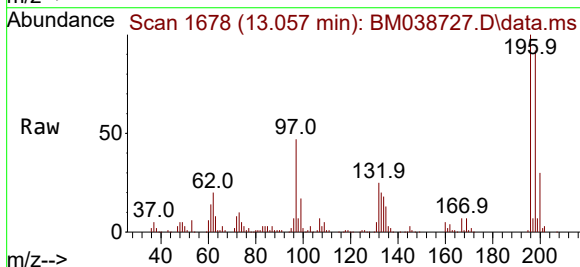
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

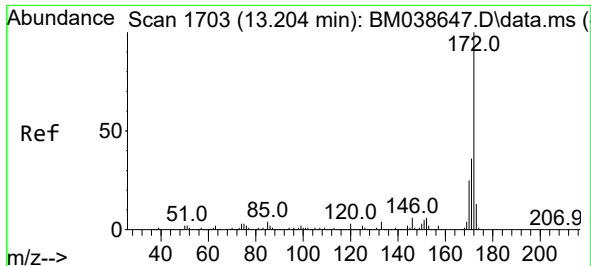
Tgt Ion:196 Resp: 93765
Ion Ratio Lower Upper
196 100
198 93.4 73.7 110.5
200 28.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 39.078 ng
RT: 13.057 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:196 Resp: 99791
Ion Ratio Lower Upper
196 100
198 91.6 73.1 109.7
97 47.3 35.5 53.3
132 25.3 18.2 27.4

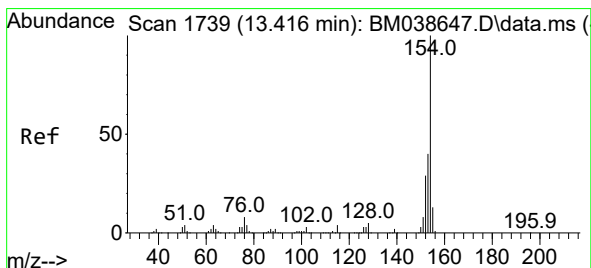
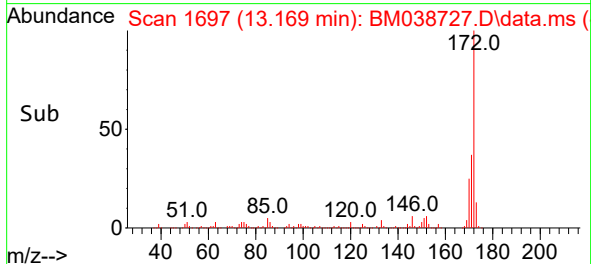
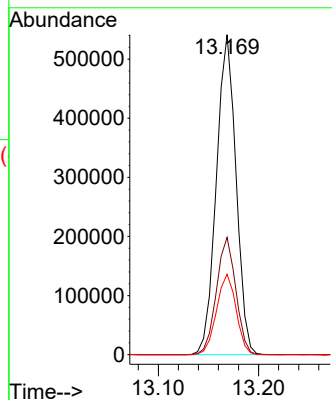
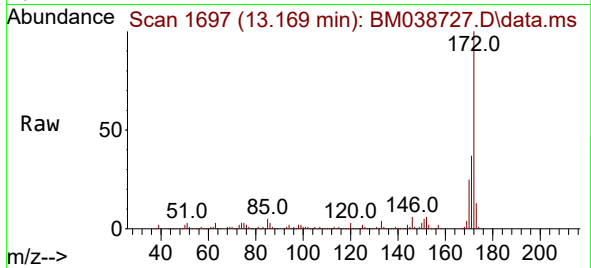




#45
2-Fluorobiphenyl
Concen: 88.374 ng
RT: 13.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

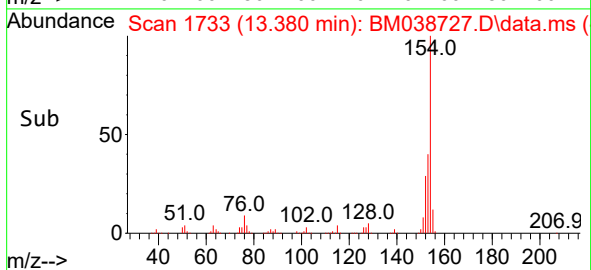
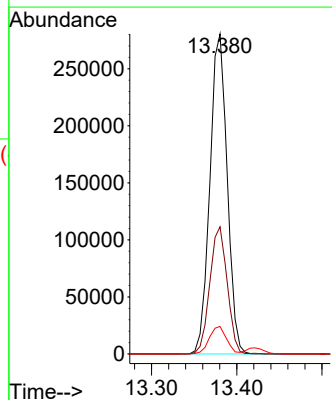
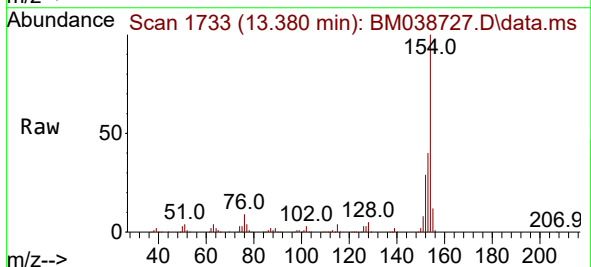
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

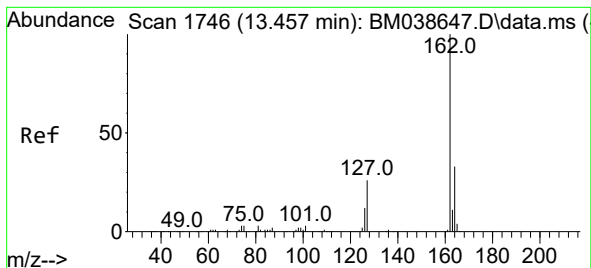
Tgt Ion:172 Resp: 736747
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.2 20.0 30.0



#46
1,1'-Biphenyl
Concen: 46.954 ng
RT: 13.380 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:154 Resp: 394756
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 8.6 0.0 27.9

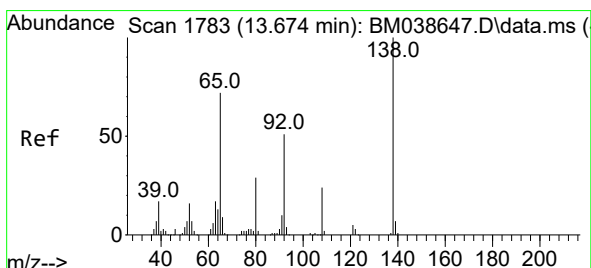
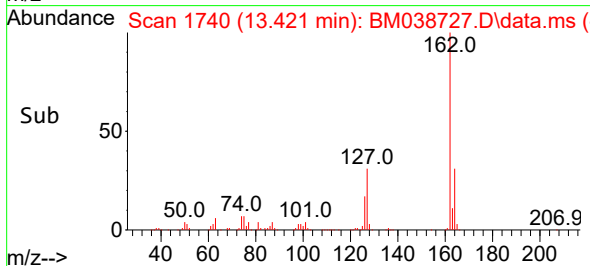
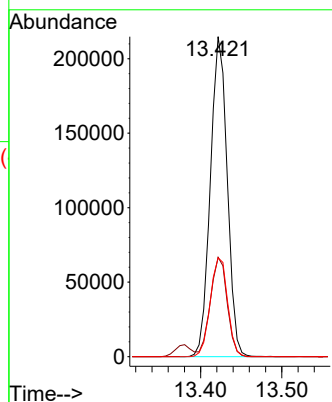
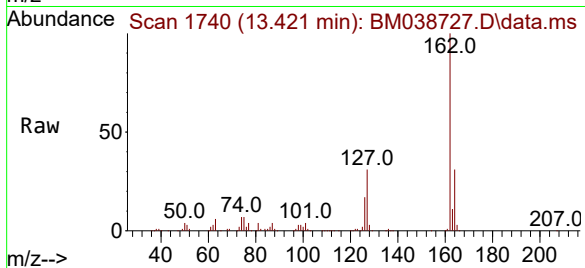




#47
2-Chloronaphthalene
Concen: 46.823 ng
RT: 13.421 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

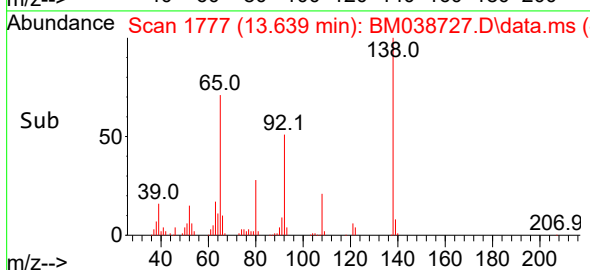
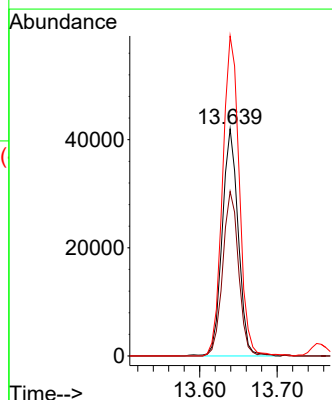
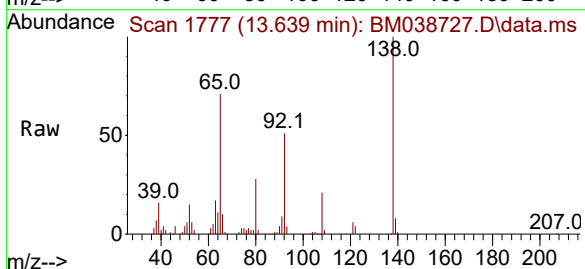
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

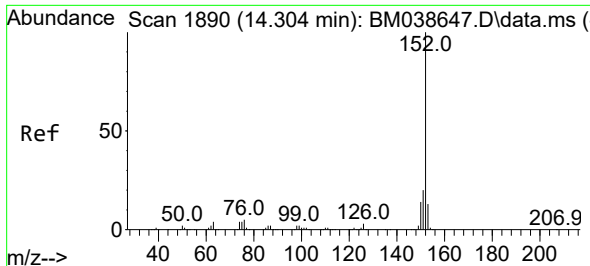
Tgt Ion:162 Resp: 309760
Ion Ratio Lower Upper
162 100
127 31.0 23.6 35.4
164 30.9 26.7 40.1



#48
2-Nitroaniline
Concen: 40.854 ng
RT: 13.639 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion: 65 Resp: 60490
Ion Ratio Lower Upper
65 100
92 72.4 55.9 83.9
138 140.8 110.6 166.0

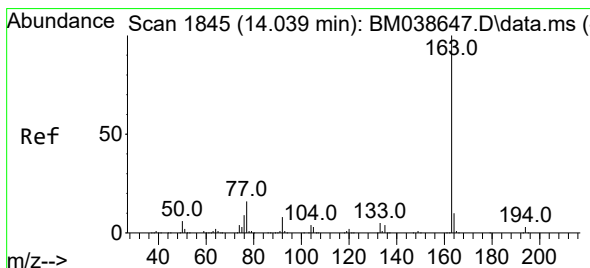
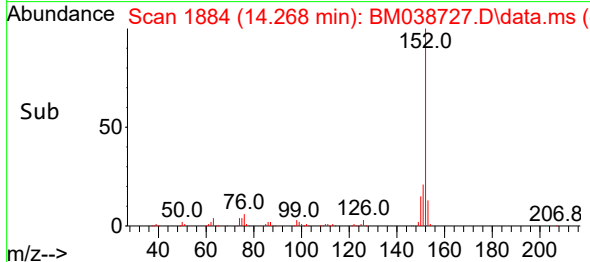
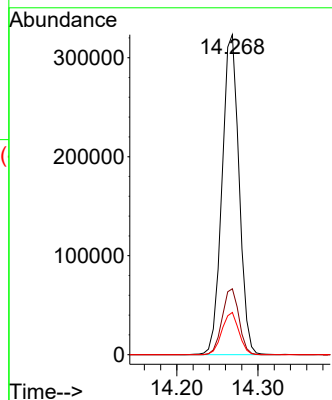
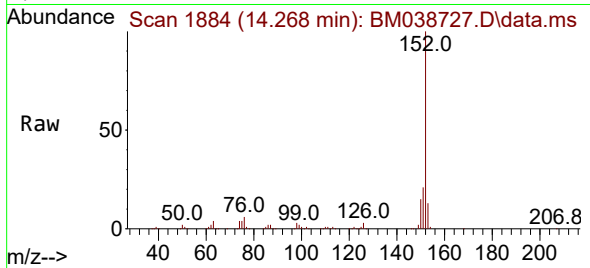




#49
Acenaphthylene
Concen: 45.250 ng
RT: 14.268 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

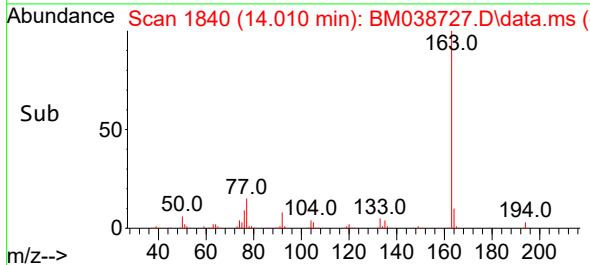
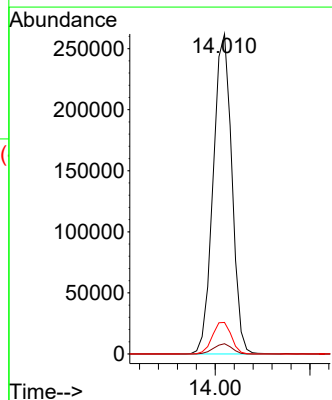
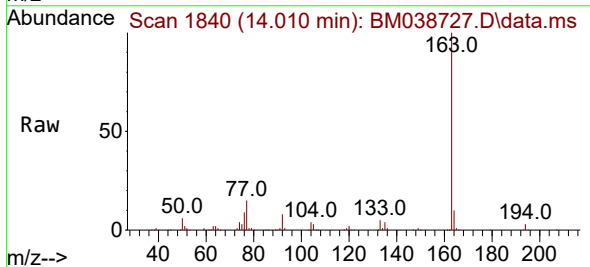
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

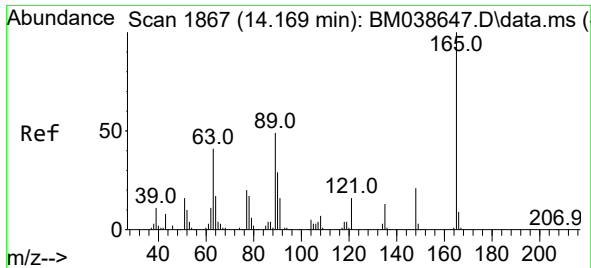
Tgt Ion:152 Resp: 471512
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.2 10.0 15.0



#50
Dimethylphthalate
Concen: 41.299 ng
RT: 14.010 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:163 Resp: 357693
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.2 12.4

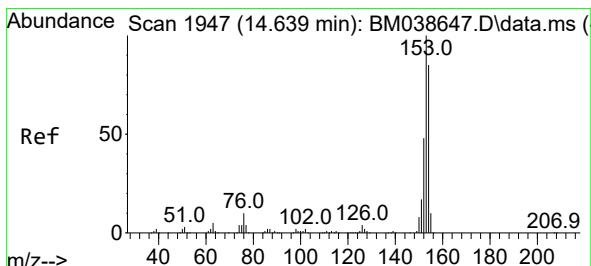
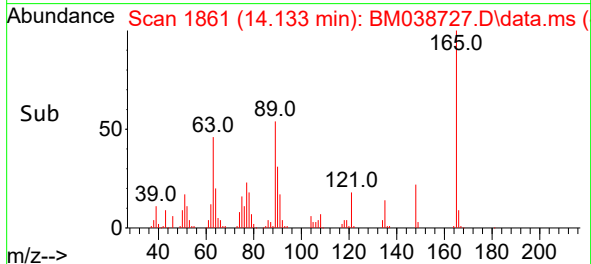
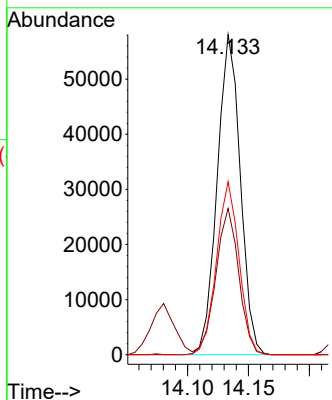
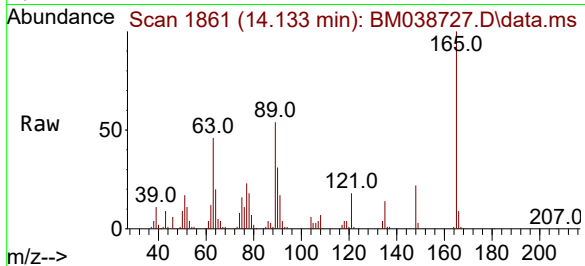




#51
2,6-Dinitrotoluene
Concen: 43.549 ng
RT: 14.133 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

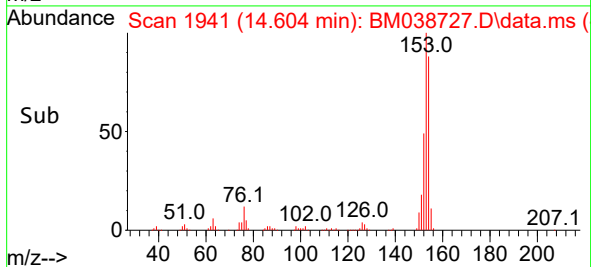
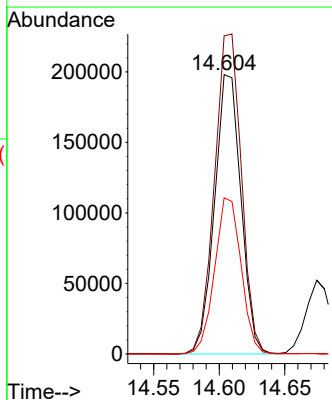
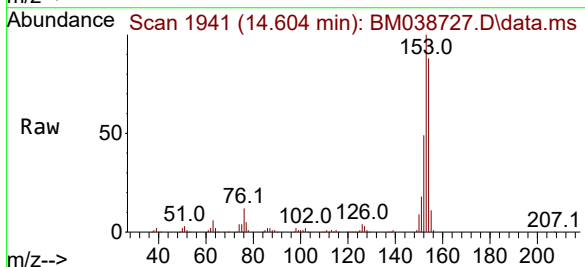
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

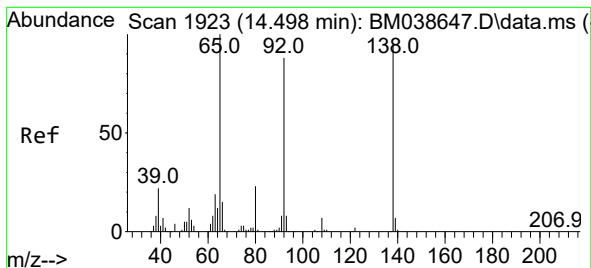
Tgt Ion:165 Resp: 76661
Ion Ratio Lower Upper
165 100
63 45.7 35.8 53.8
89 54.1 39.3 58.9



#52
Acenaphthene
Concen: 44.593 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:154 Resp: 277447
Ion Ratio Lower Upper
154 100
153 113.9 93.7 140.5
152 55.9 44.6 67.0

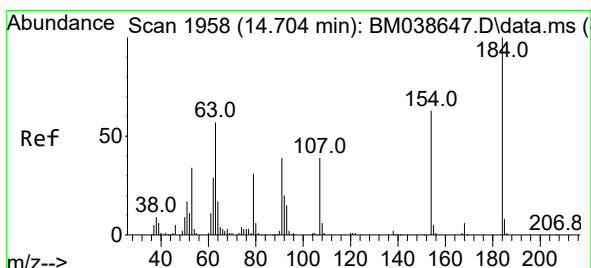
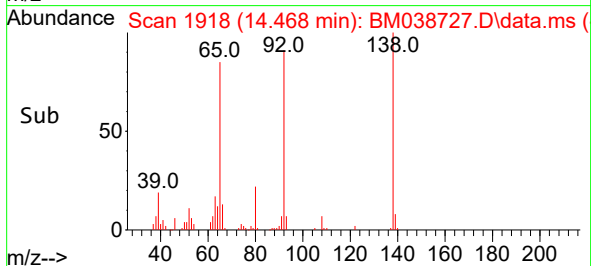
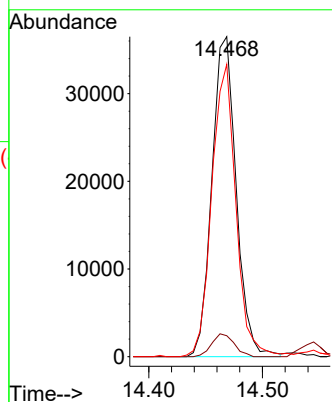
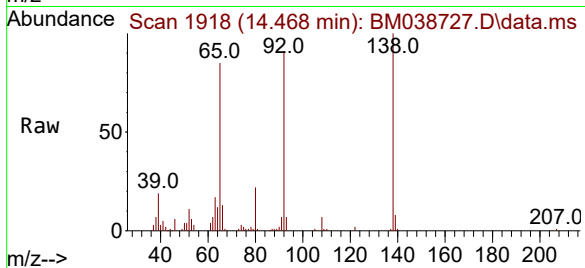




#53
3-Nitroaniline
Concen: 30.108 ng
RT: 14.468 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

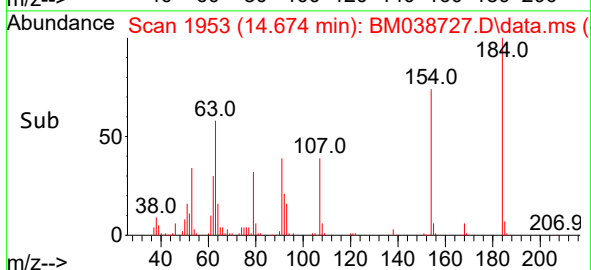
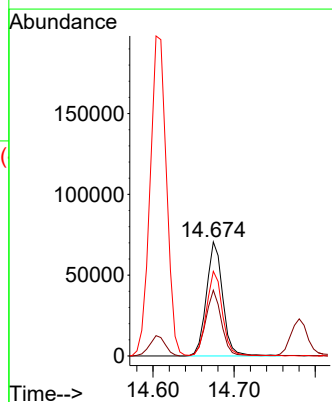
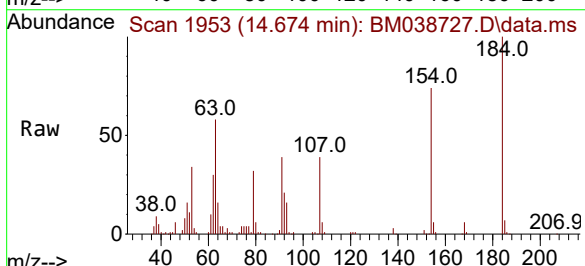
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

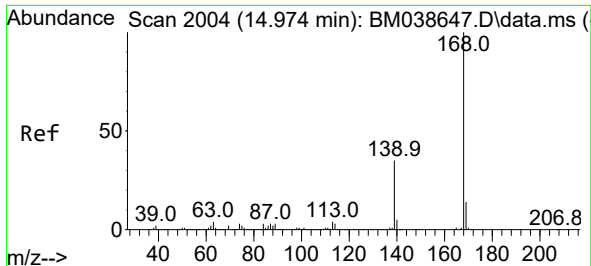
Tgt Ion:138 Resp: 54311
Ion Ratio Lower Upper
138 100
108 6.6 5.8 8.8
92 91.4 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 85.735 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:184 Resp: 98235
Ion Ratio Lower Upper
184 100
63 57.7 45.9 68.9
154 74.2 54.9 82.3

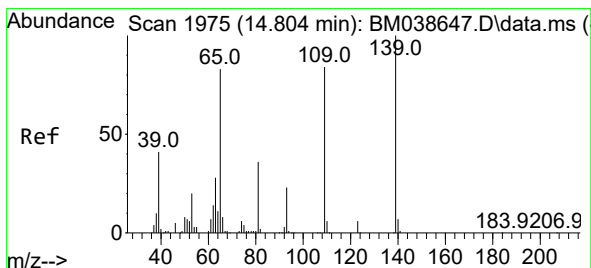
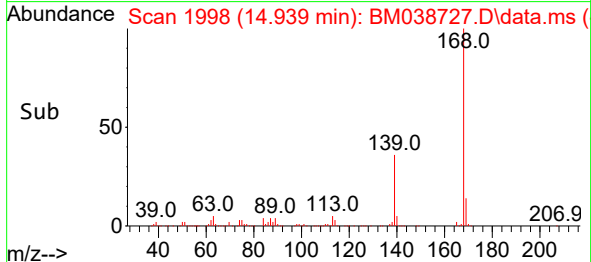
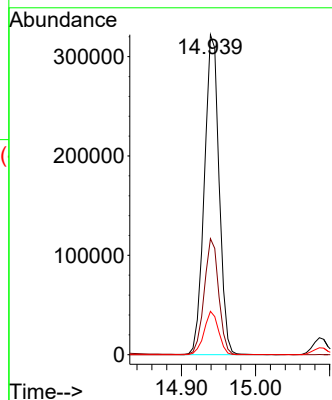
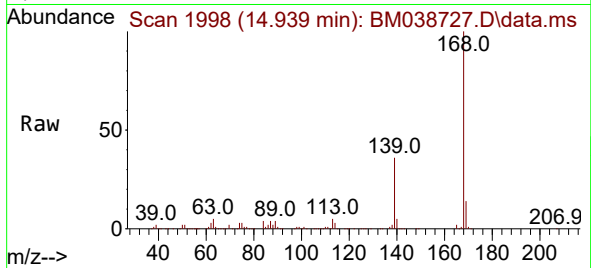




#55
Dibenzofuran
Concen: 41.557 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

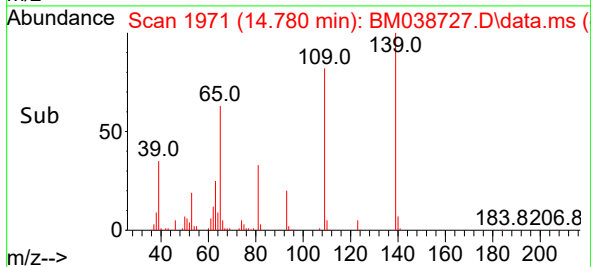
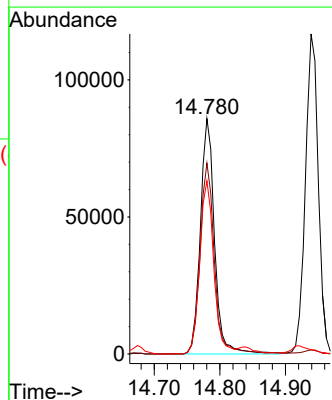
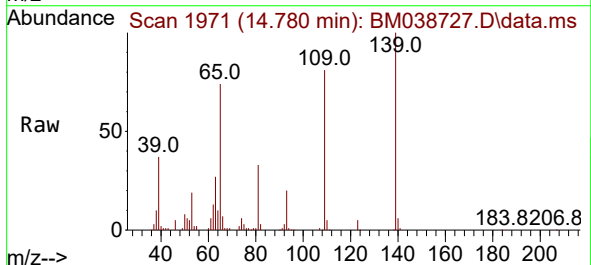
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

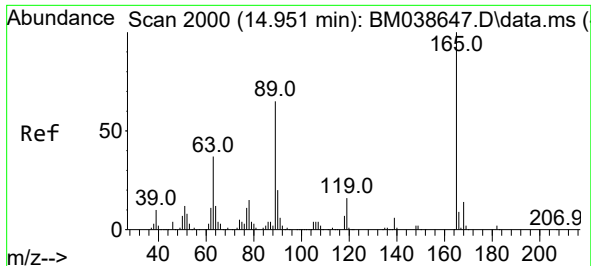
Tgt Ion:168 Resp: 445245
Ion Ratio Lower Upper
168 100
139 36.3 27.8 41.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 91.734 ng
RT: 14.780 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:139 Resp: 129513
Ion Ratio Lower Upper
139 100
109 81.1 63.8 103.8
65 73.6 62.5 102.5





#57

2,4-Dinitrotoluene

Concen: 39.511 ng

RT: 14.921 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038727.D

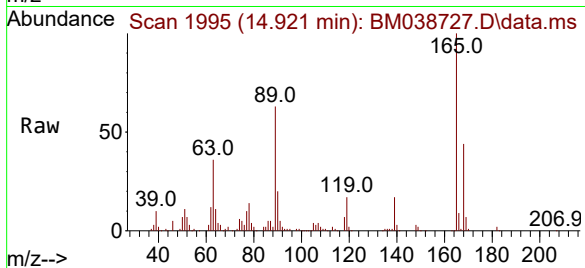
Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD



Tgt Ion:165 Resp: 101855

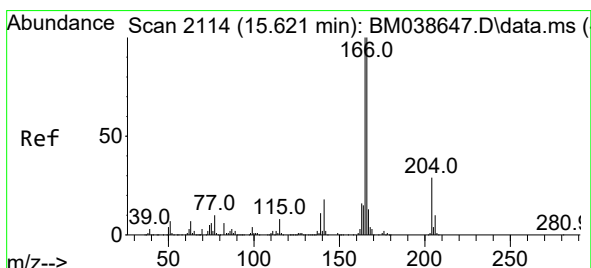
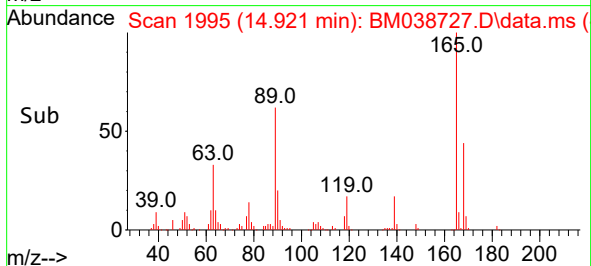
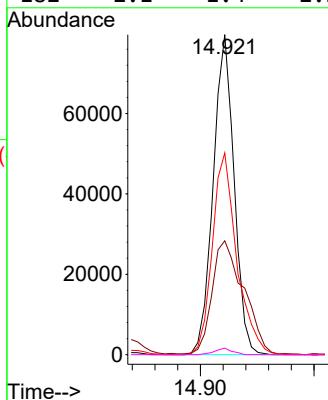
Ion Ratio Lower Upper

165 100

63 35.6 29.4 44.0

89 63.0 51.8 77.6

182 2.1 1.4 2.2



#58

Fluorene

Concen: 41.472 ng

RT: 15.586 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

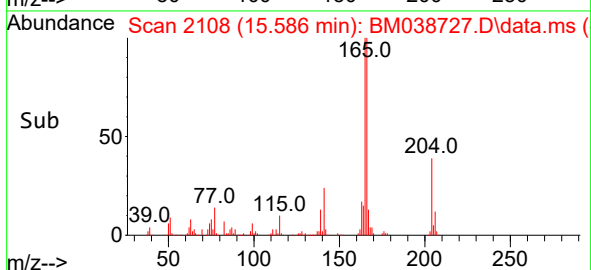
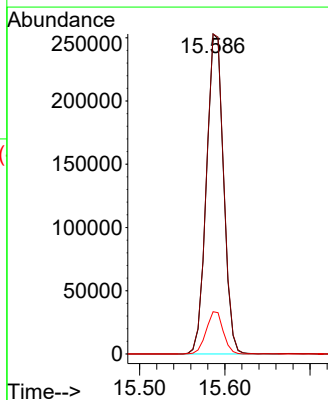
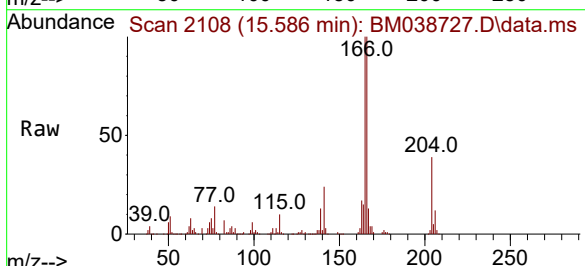
Tgt Ion:166 Resp: 351579

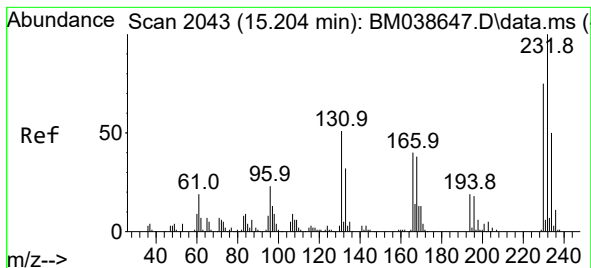
Ion Ratio Lower Upper

166 100

165 100.0 80.2 120.4

167 13.2 10.7 16.1

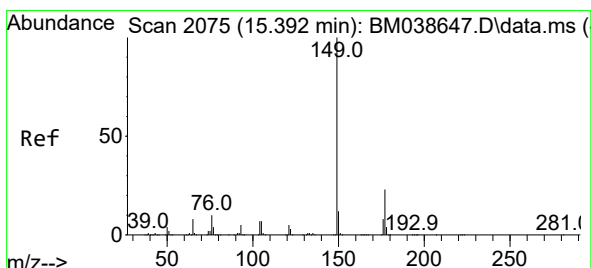
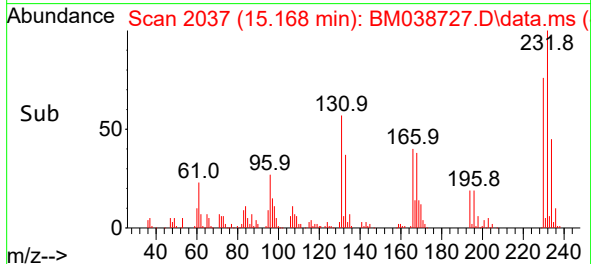
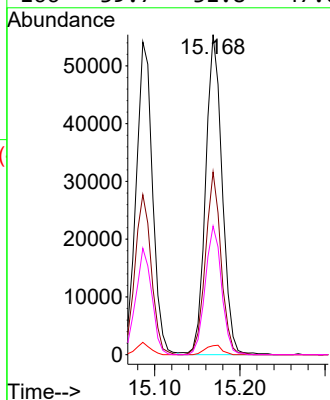
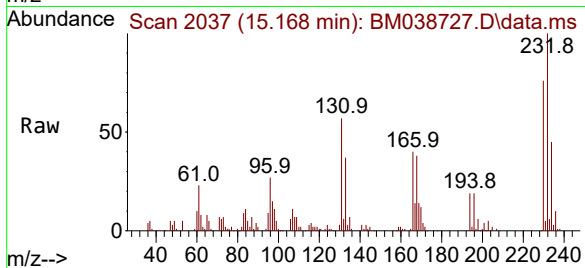




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.930 ng
RT: 15.168 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

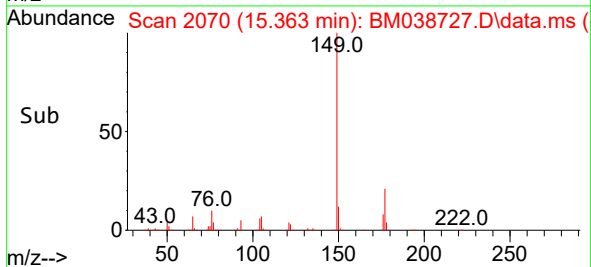
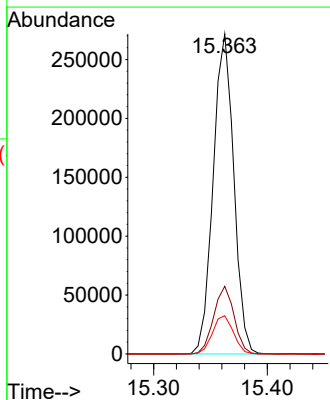
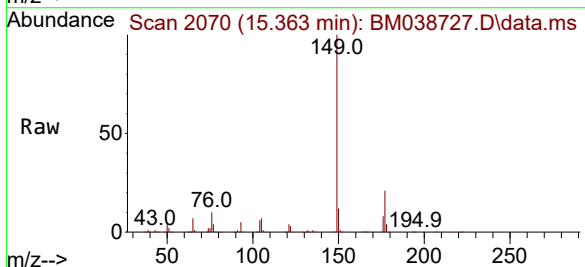
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

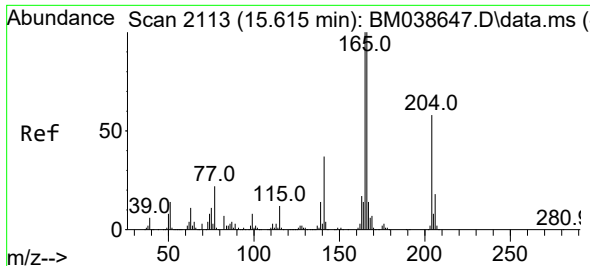
Tgt Ion:232 Resp: 74521
Ion Ratio Lower Upper
232 100
131 53.9 41.2 61.8
130 3.0 2.4 3.6
166 39.7 31.8 47.6



#60
Diethylphthalate
Concen: 41.742 ng
RT: 15.363 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:149 Resp: 342496
Ion Ratio Lower Upper
149 100
177 21.1 18.1 27.1
150 11.9 10.0 15.0

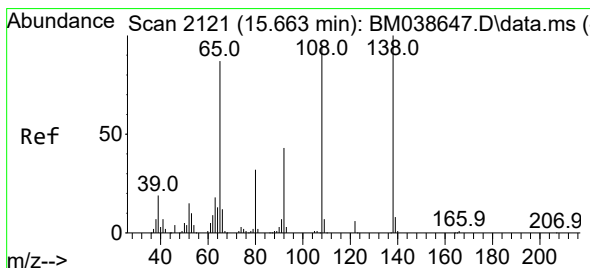
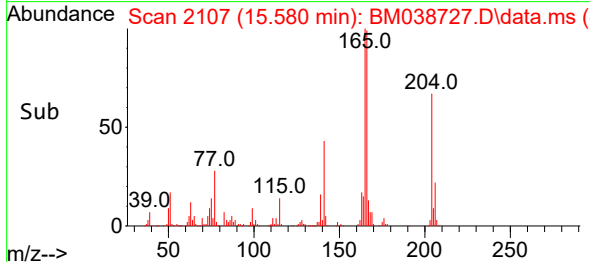
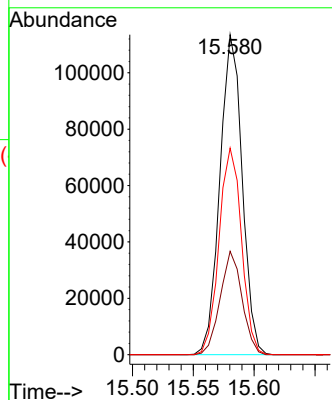
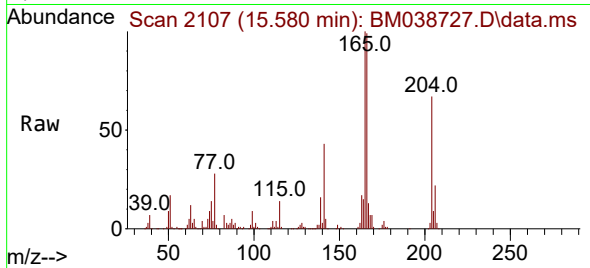




#61
4-Chlorophenyl-phenylether
Concen: 40.308 ng
RT: 15.580 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

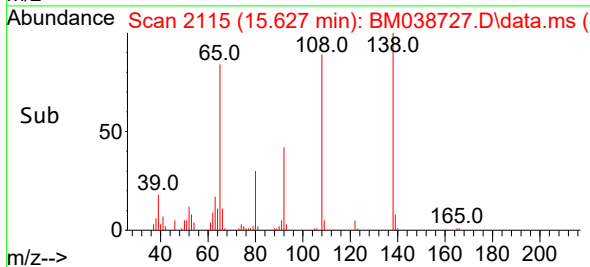
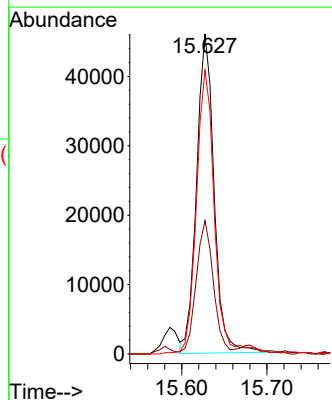
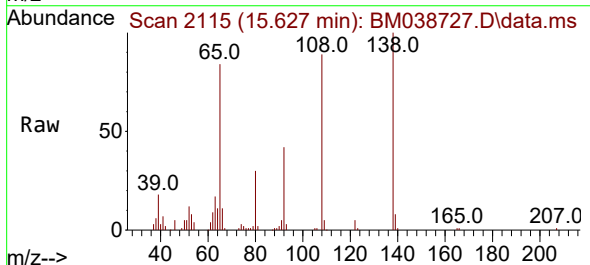
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

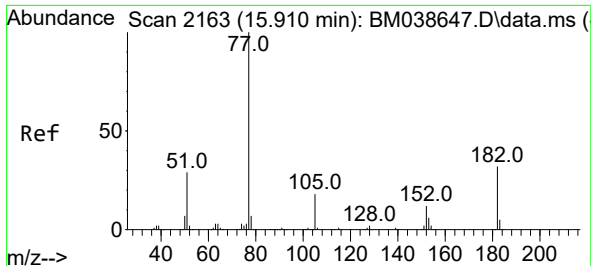
Tgt Ion:204 Resp: 144966
Ion Ratio Lower Upper
204 100
206 32.3 25.3 37.9
141 64.6 51.3 76.9



#62
4-Nitroaniline
Concen: 35.355 ng
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:138 Resp: 65906
Ion Ratio Lower Upper
138 100
92 41.6 23.4 63.4
108 88.6 75.1 115.1

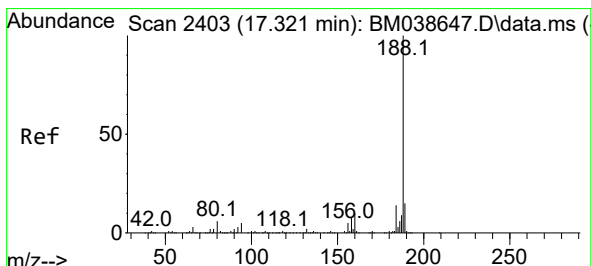
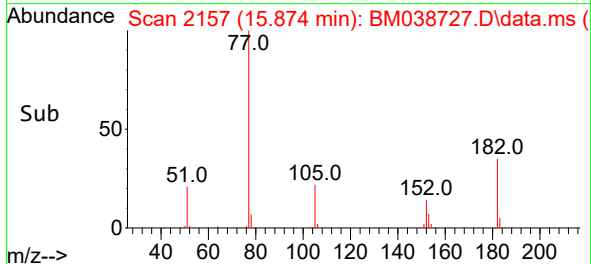
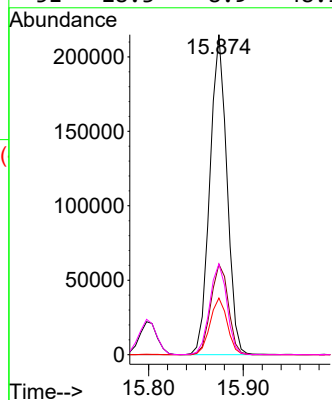
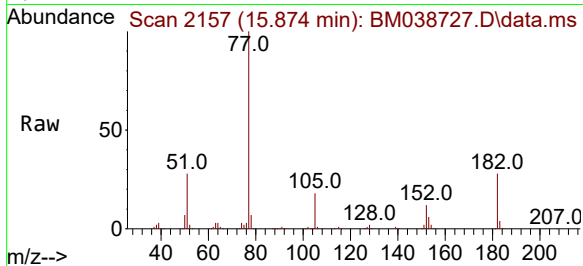




#63
Azobenzene
Concen: 42.508 ng
RT: 15.874 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

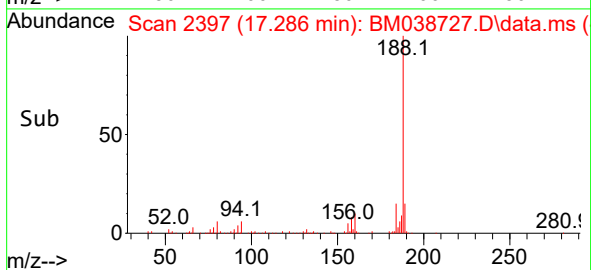
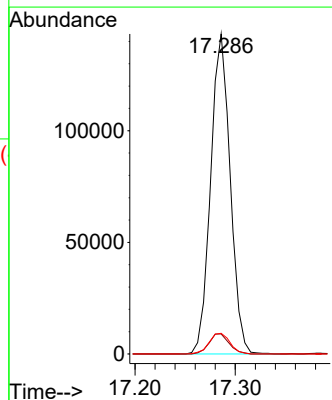
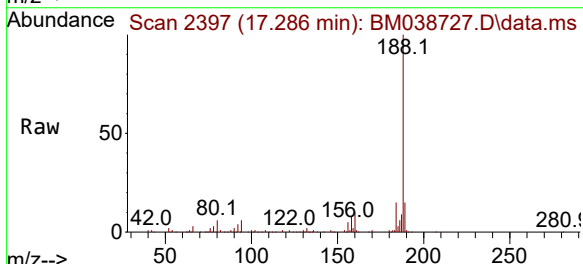
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

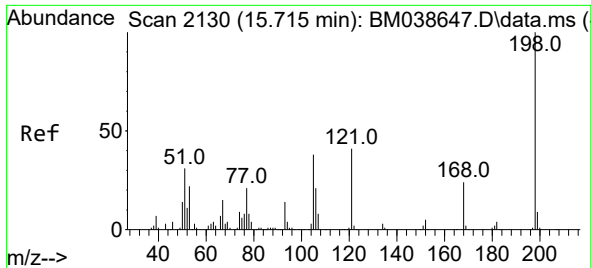
Tgt Ion:	77	Resp:	268344
Ion	Ratio	Lower	Upper
77	100		
182	28.2	12.0	52.0
105	17.7	0.0	37.5
51	28.3	8.9	48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:	188	Resp:	193874
Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	6.5	4.6	7.0

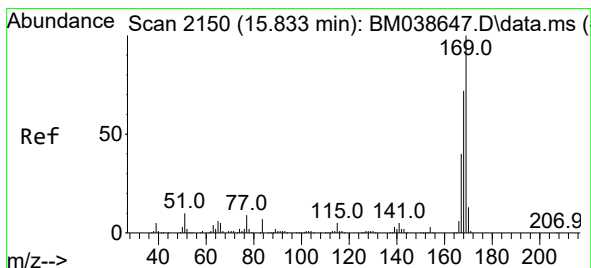
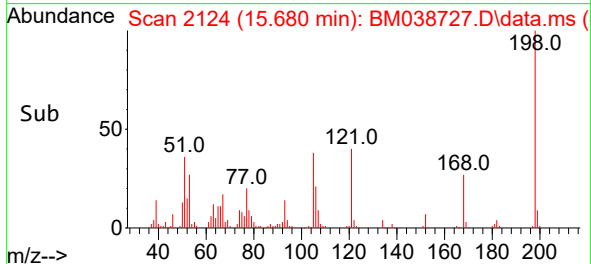
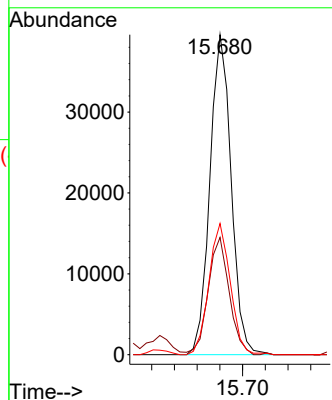
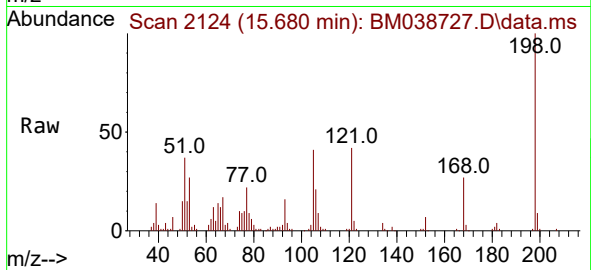




#65
4,6-Dinitro-2-methylphenol
Concen: 42.205 ng
RT: 15.680 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

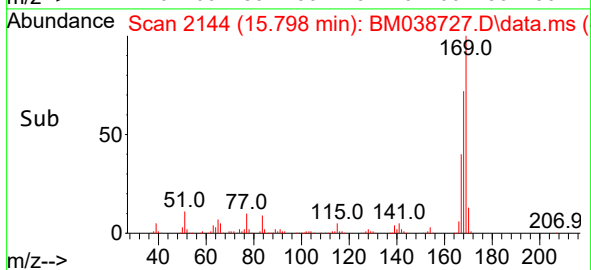
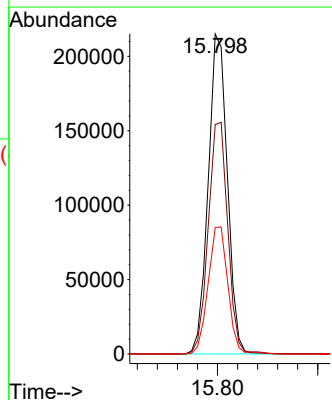
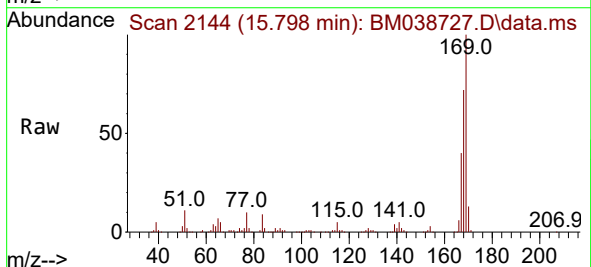
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

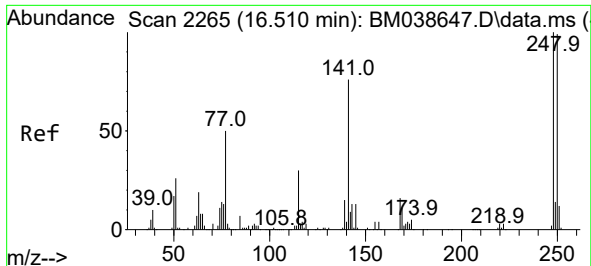
Tgt Ion:198 Resp: 51510
Ion Ratio Lower Upper
198 100
51 36.7 13.0 53.0
105 41.0 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 45.153 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:169 Resp: 285834
Ion Ratio Lower Upper
169 100
168 71.7 57.6 86.4
167 39.5 32.3 48.5

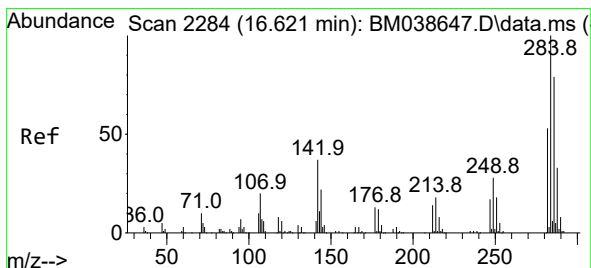
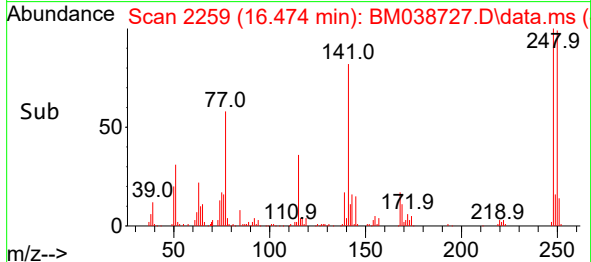
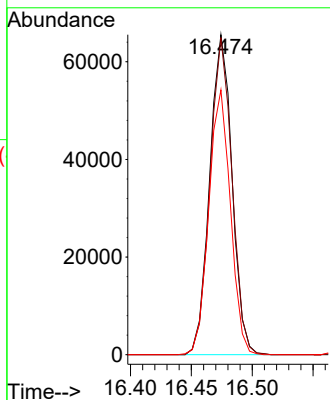
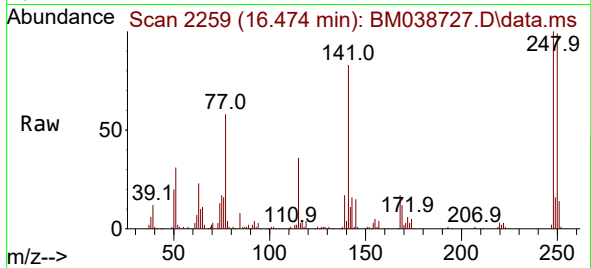




#67
4-Bromophenyl-phenylether
Concen: 44.646 ng
RT: 16.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

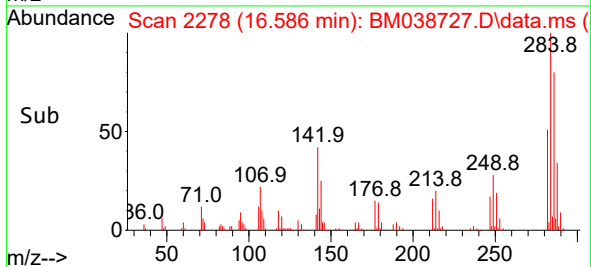
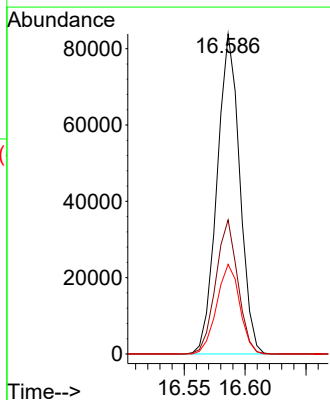
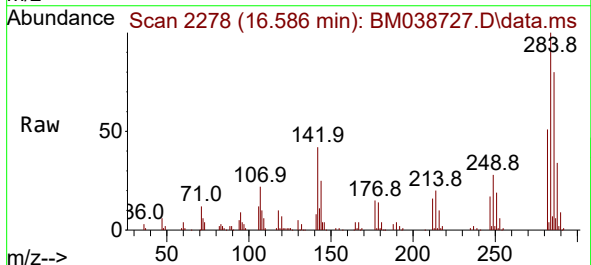
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

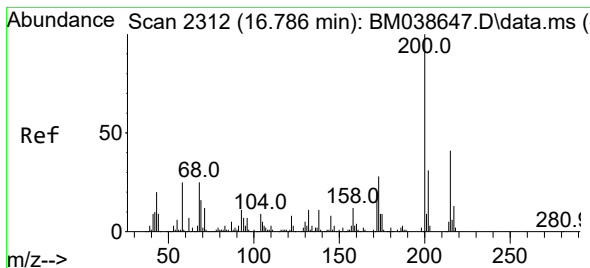
Tgt Ion:248 Resp: 83576
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.2
141 82.7 61.0 91.6



#68
Hexachlorobenzene
Concen: 47.539 ng
RT: 16.586 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:284 Resp: 108760
Ion Ratio Lower Upper
284 100
142 41.9 29.8 44.6
249 28.0 22.2 33.4





#69

Atrazine

Concen: 46.350 ng

RT: 16.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

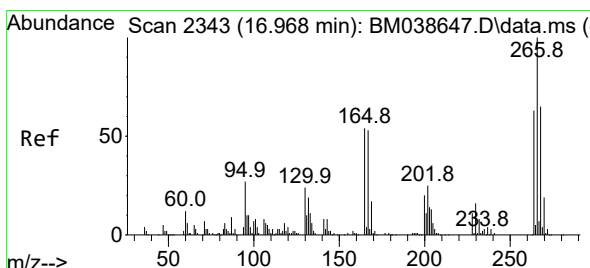
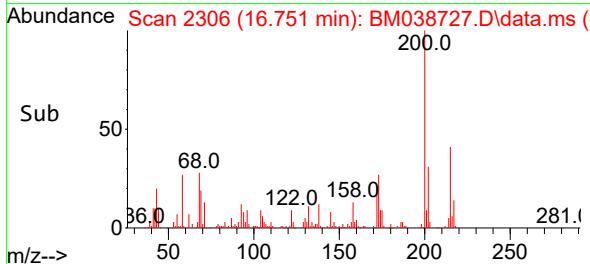
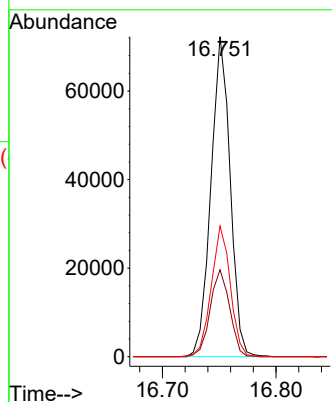
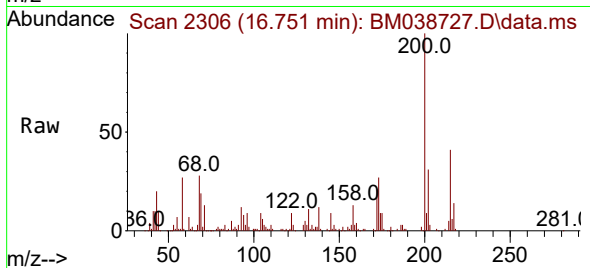
Tgt Ion:200 Resp: 85041

Ion Ratio Lower Upper

200 100

173 27.1 7.9 47.9

215 40.8 20.8 60.8



#70

Pentachlorophenol

Concen: 78.327 ng

RT: 16.939 min Scan# 2338

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

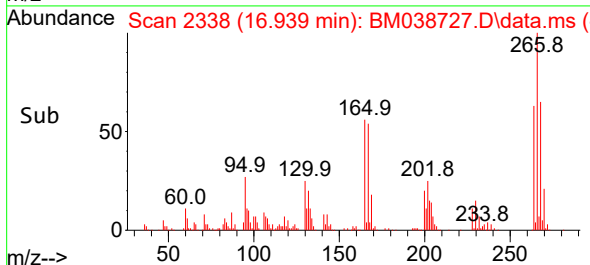
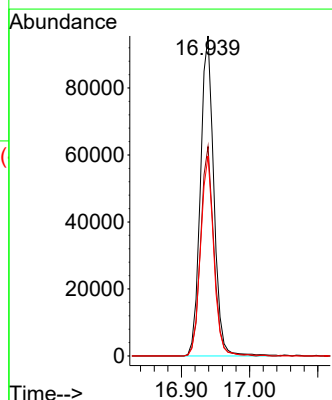
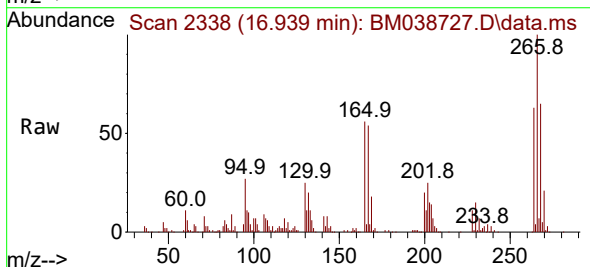
Tgt Ion:266 Resp: 130630

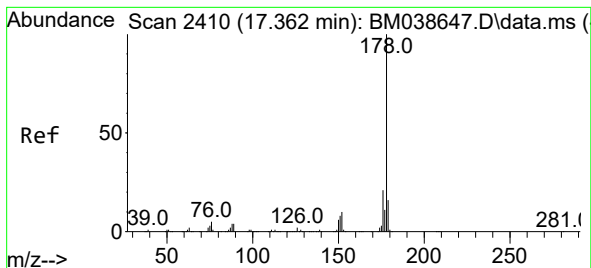
Ion Ratio Lower Upper

266 100

268 65.5 51.8 77.6

264 62.5 50.6 76.0





#71

Phenanthrene

Concen: 44.433 ng

RT: 17.327 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

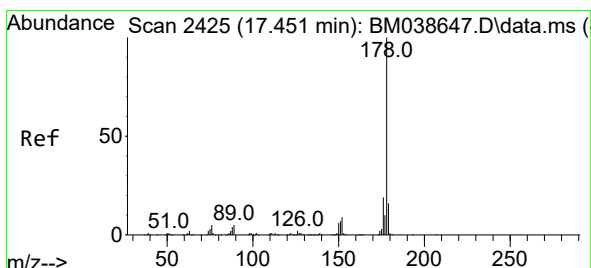
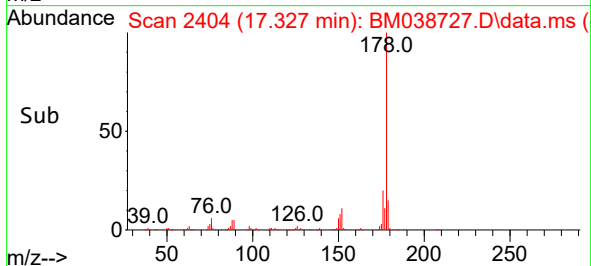
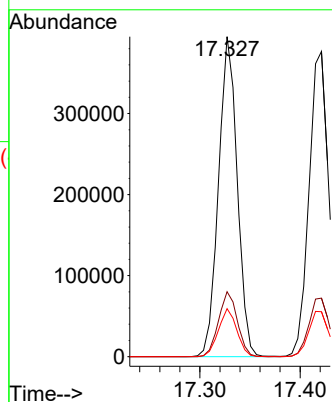
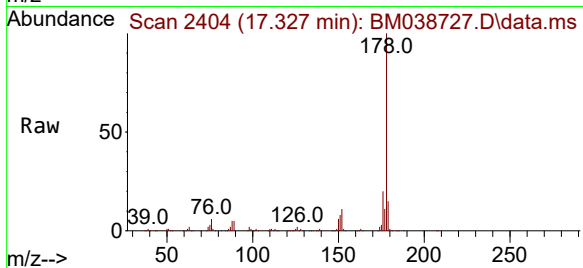
Tgt Ion:178 Resp: 511493

Ion Ratio Lower Upper

178 100

176 20.3 16.7 25.1

179 15.0 12.5 18.7



#72

Anthracene

Concen: 43.480 ng

RT: 17.421 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

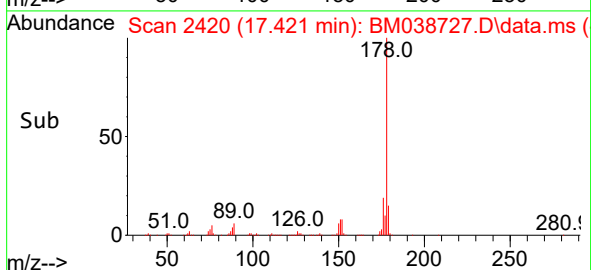
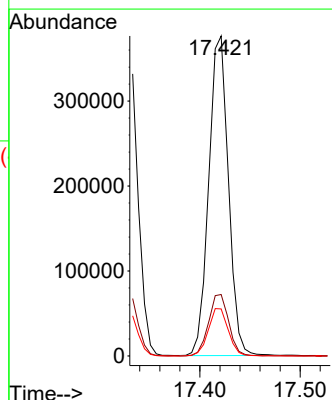
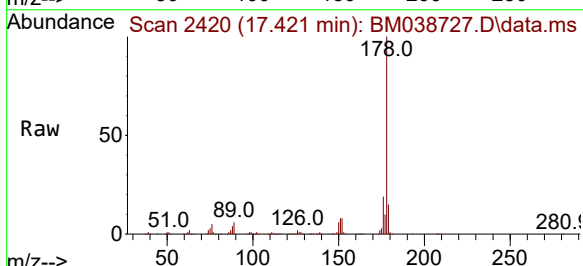
Tgt Ion:178 Resp: 512042

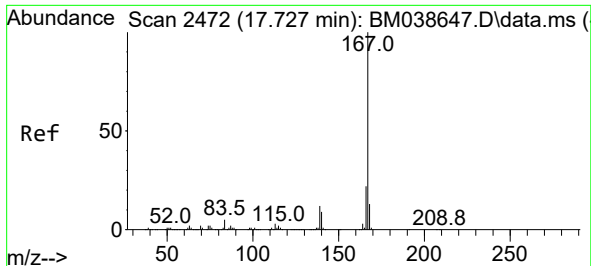
Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 14.7 12.4 18.6

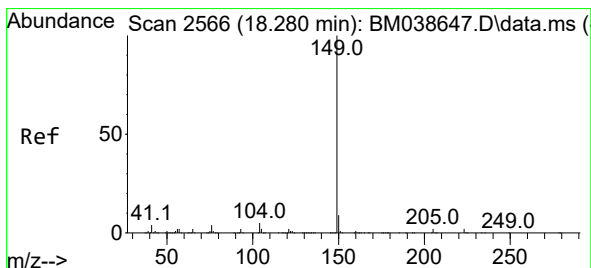
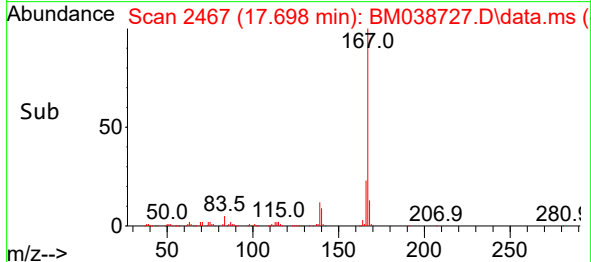
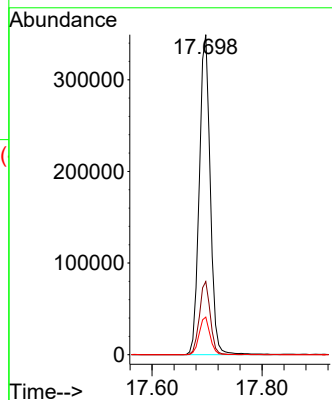
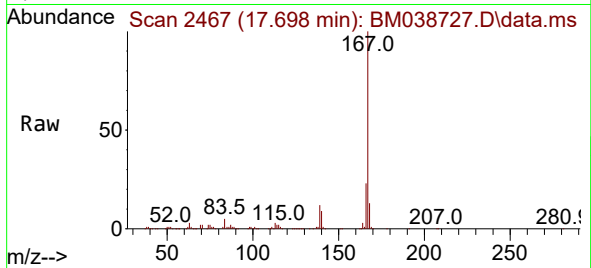




#73
 Carbazole
 Concen: 44.038 ng
 RT: 17.698 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

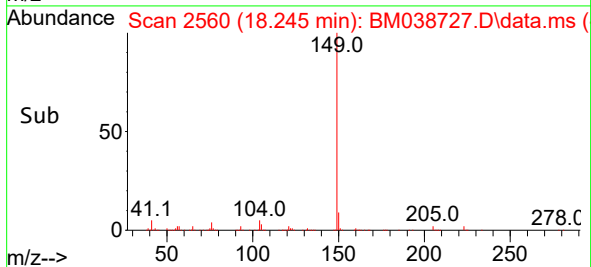
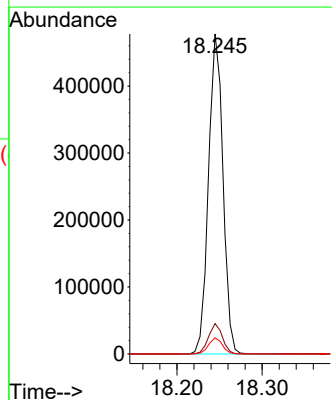
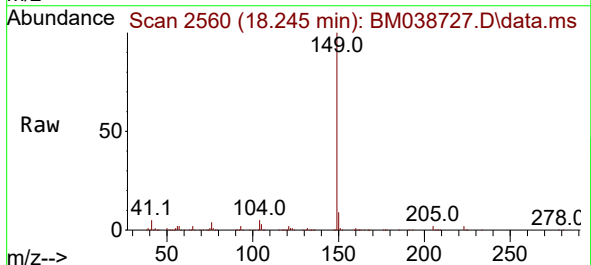
Instrument :
 BNA_M
 ClientSampleId :
 PB150810BSD

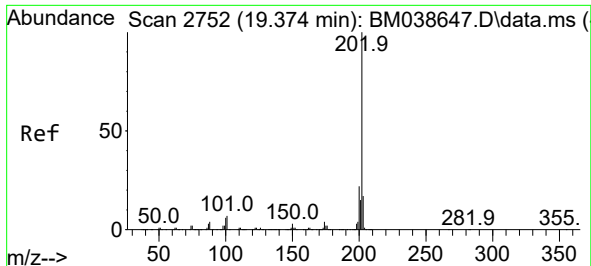
Tgt Ion:167 Resp: 483683
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.6
 139 11.8 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 45.364 ng
 RT: 18.245 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

Tgt Ion:149 Resp: 562912
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.0 3.8 5.6

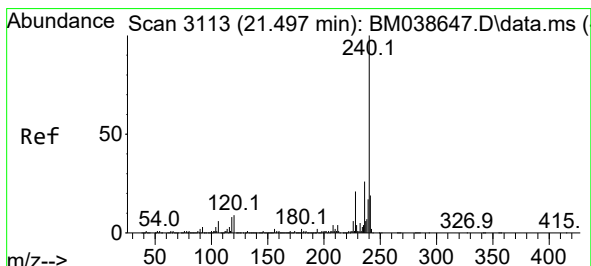
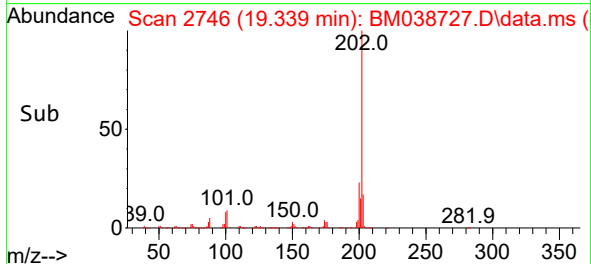
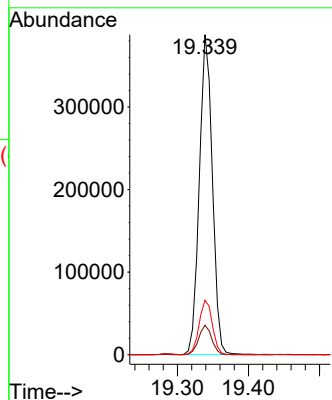
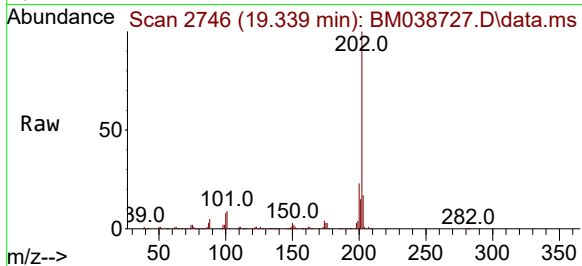




#75
Fluoranthene
Concen: 41.113 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

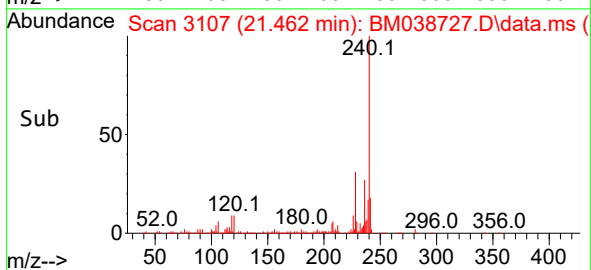
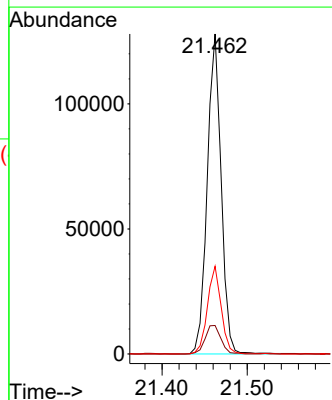
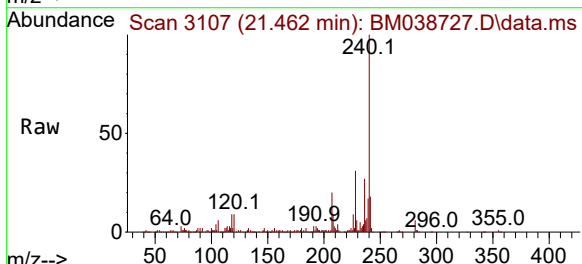
Instrument :
BNA_M
ClientSampleId :
PB150810BSD

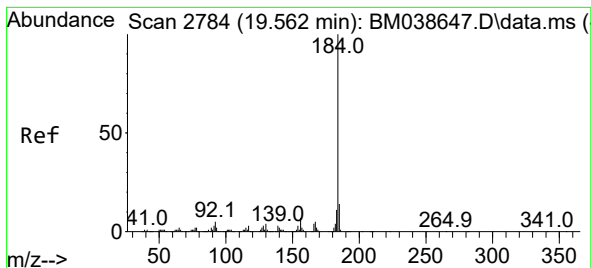
Tgt Ion:202 Resp: 496923
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.4
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM038727.D
Acq: 14 Feb 2023 12:51

Tgt Ion:240 Resp: 145168
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.4
236 27.4 20.9 31.3





#77

Benzidine

Concen: 44.586 ng

RT: 19.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

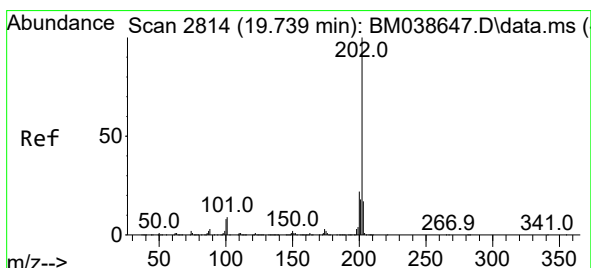
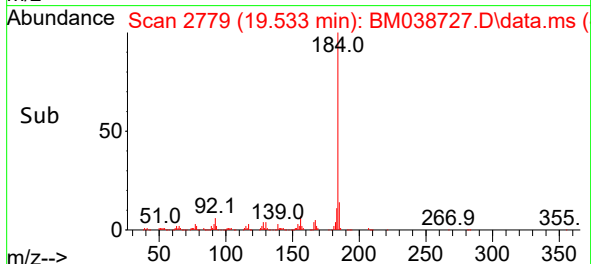
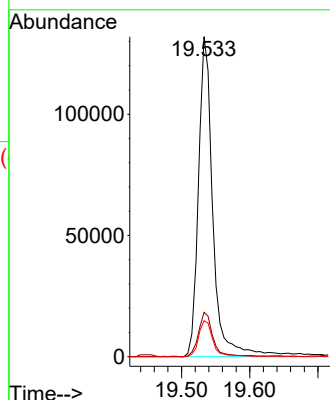
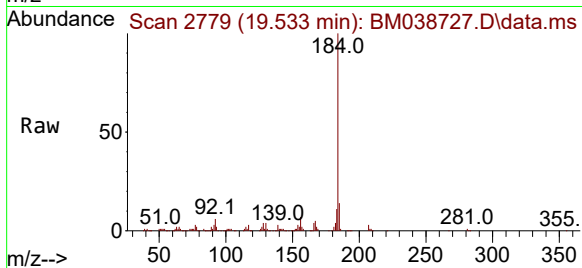
Tgt Ion:184 Resp: 193425

Ion Ratio Lower Upper

184 100

185 13.9 10.8 16.2

183 11.3 8.8 13.2



#78

Pyrene

Concen: 47.192 ng

RT: 19.703 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

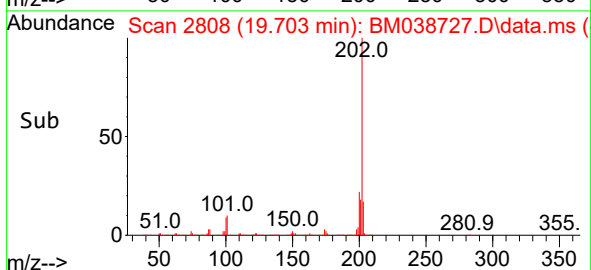
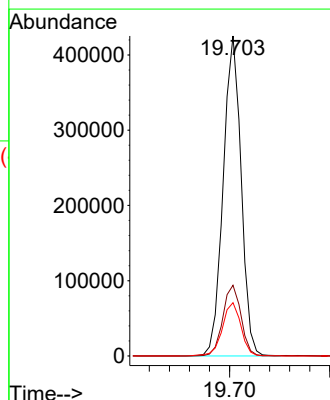
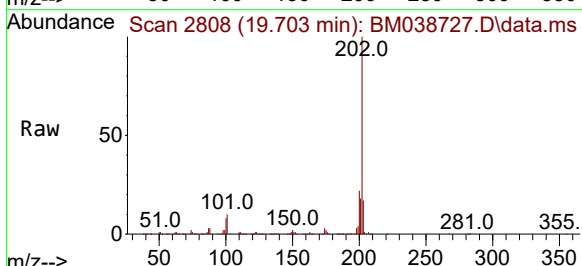
Tgt Ion:202 Resp: 527440

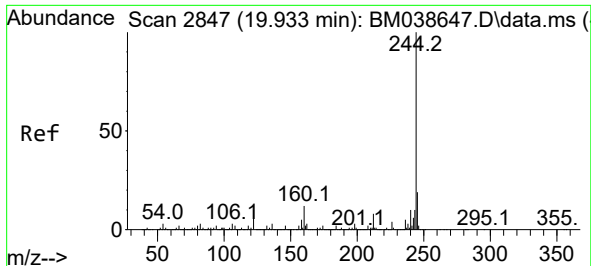
Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

203 16.6 13.5 20.3

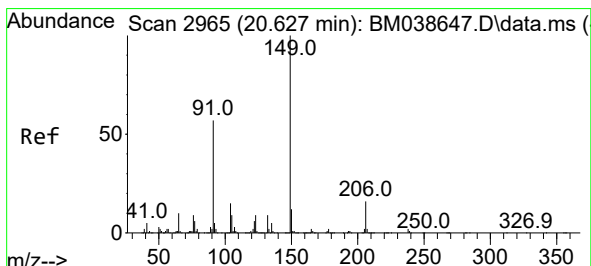
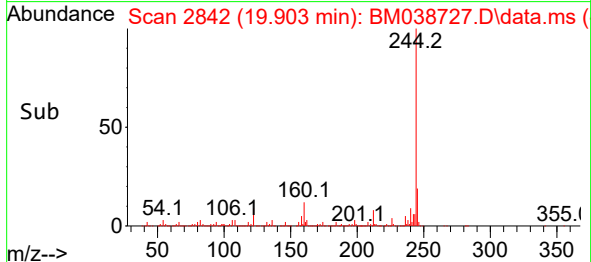
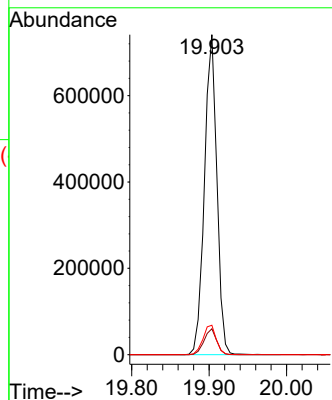
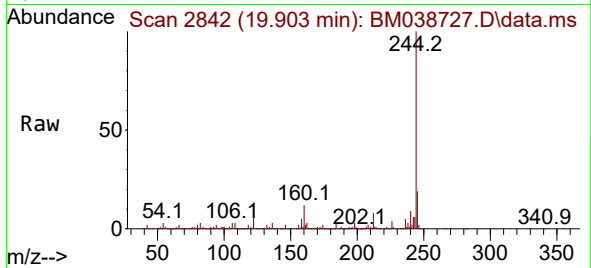




#79
 Terphenyl-d14
 Concen: 100.333 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

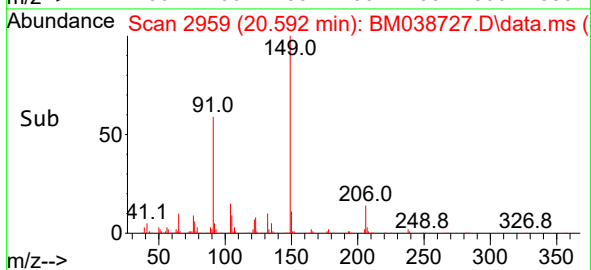
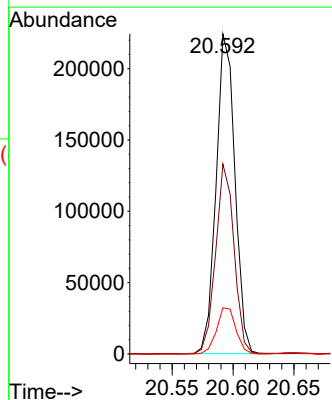
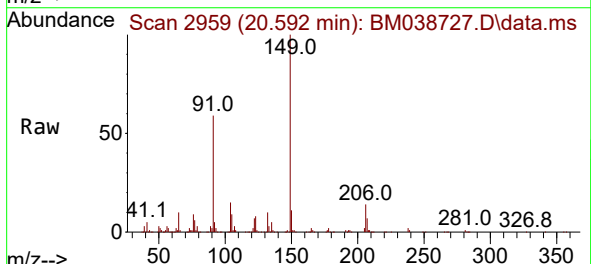
Instrument :
 BNA_M
 ClientSampleId :
 PB150810BSD

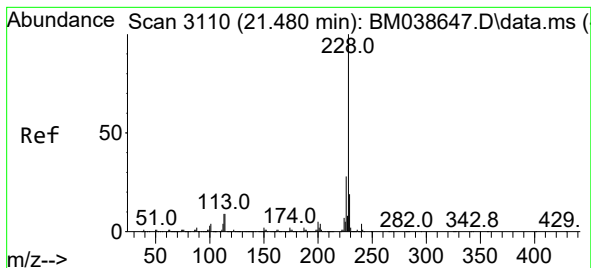
Tgt Ion:244 Resp: 825372
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 9.2 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 43.452 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

Tgt Ion:149 Resp: 240702
 Ion Ratio Lower Upper
 149 100
 91 59.4 45.6 68.4
 206 14.5 12.5 18.7





#81

Benzo(a)anthracene

Concen: 43.887 ng

RT: 21.444 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

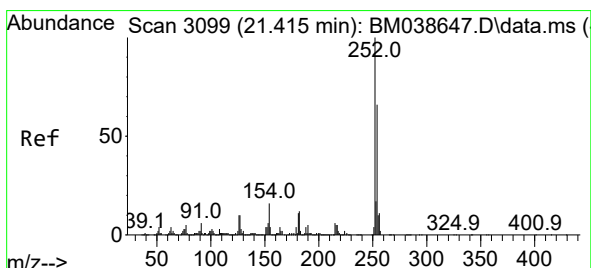
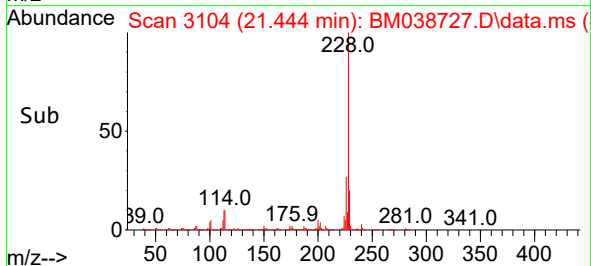
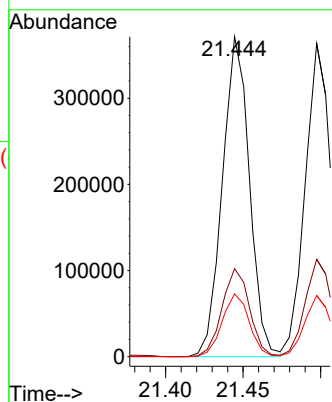
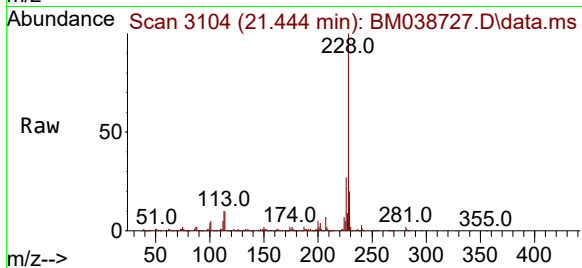
Tgt Ion:228 Resp: 450664

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.362 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

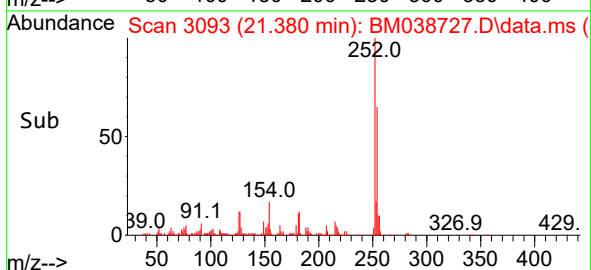
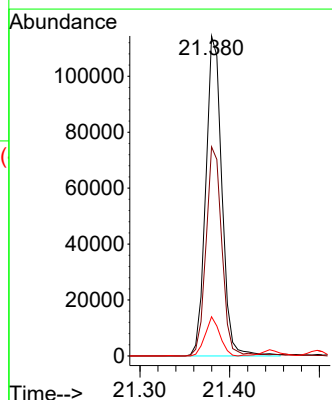
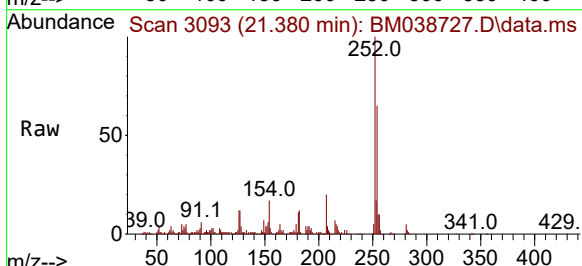
Tgt Ion:252 Resp: 142590

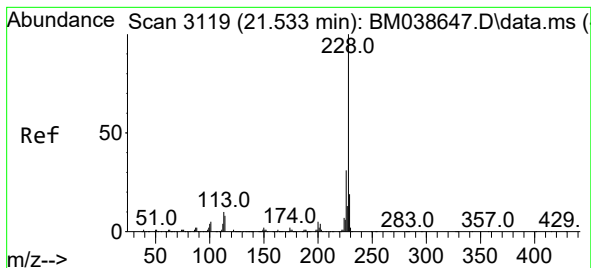
Ion Ratio Lower Upper

252 100

254 65.3 52.8 79.2

126 12.2 8.2 12.2





#83

Chrysene

Concen: 43.182 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

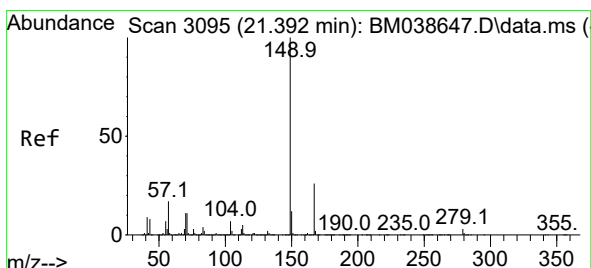
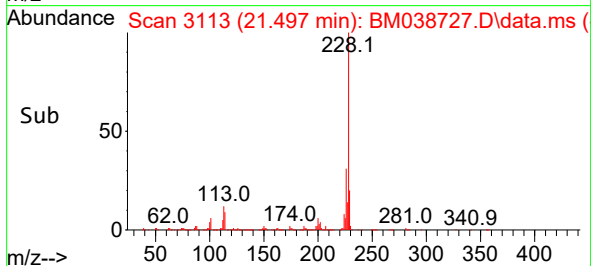
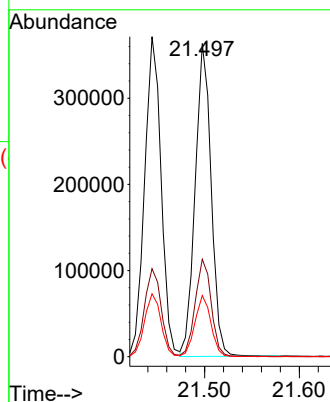
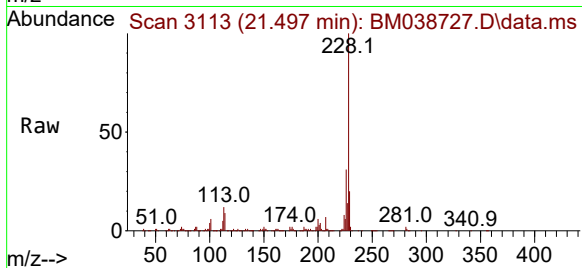
Tgt Ion:228 Resp: 427240

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.070 ng

RT: 21.362 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

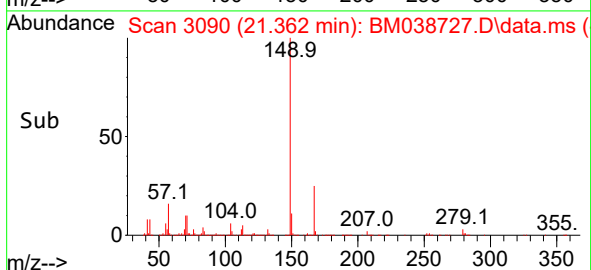
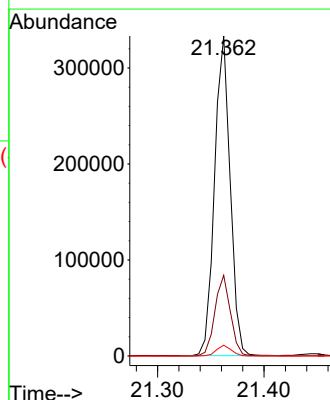
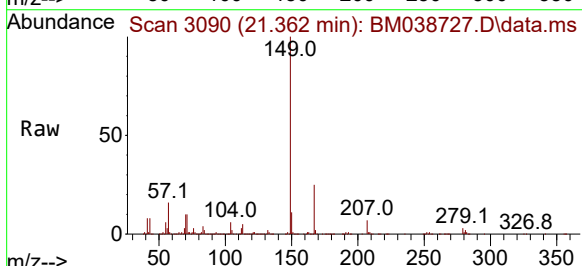
Tgt Ion:149 Resp: 339069

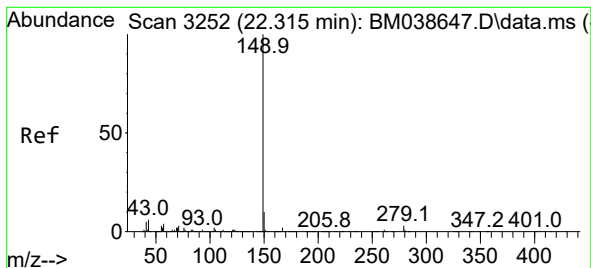
Ion Ratio Lower Upper

149 100

167 25.2 20.8 31.2

279 3.3 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 43.700 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

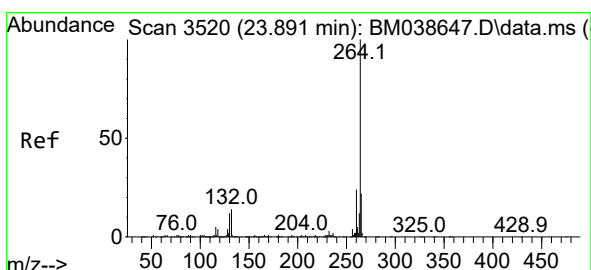
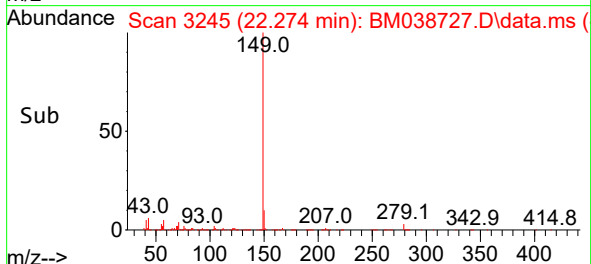
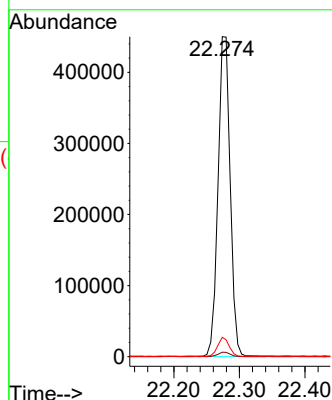
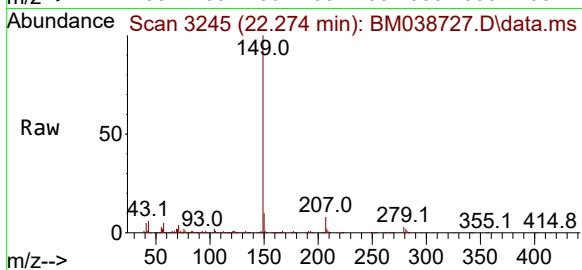
Tgt Ion:149 Resp: 574910

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.8 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.838 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

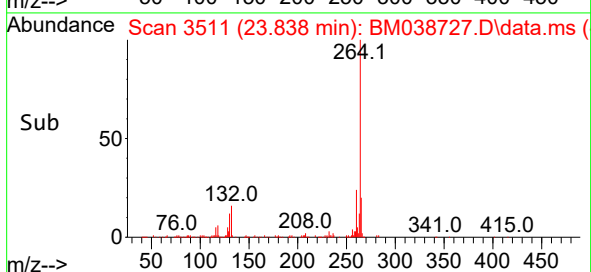
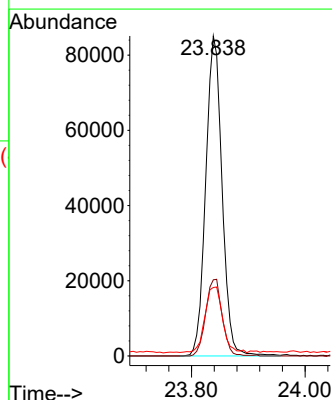
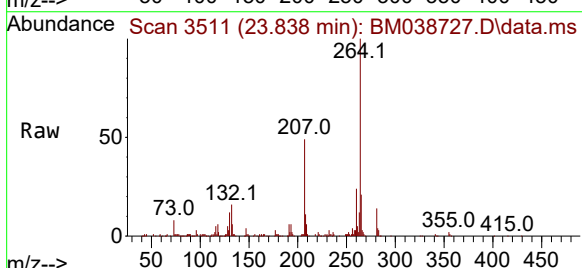
Tgt Ion:264 Resp: 169380

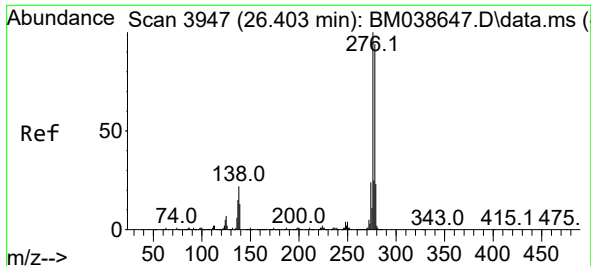
Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.4 17.9 26.9

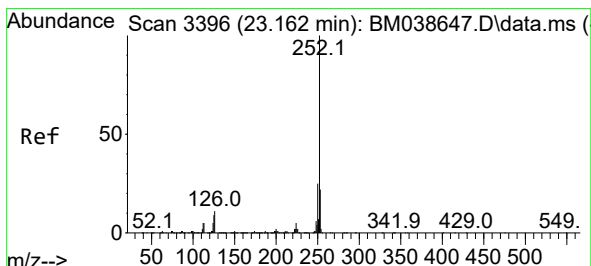
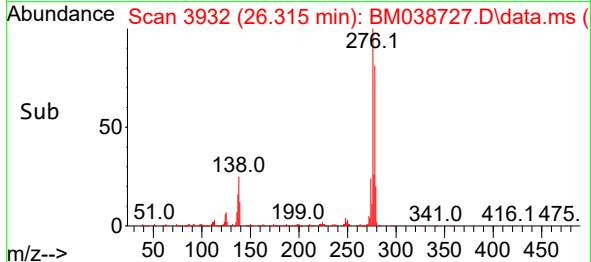
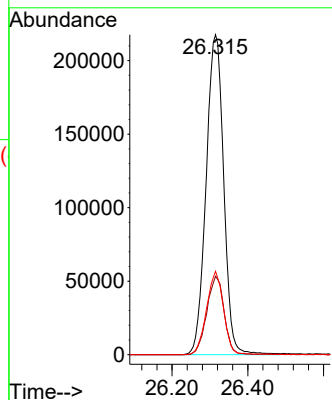
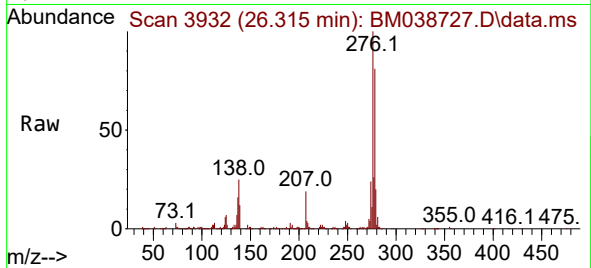




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.473 ng
 RT: 26.315 min Scan# 3388
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

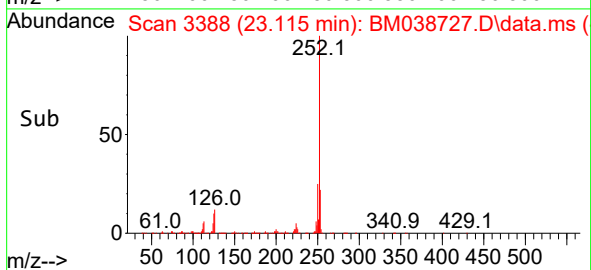
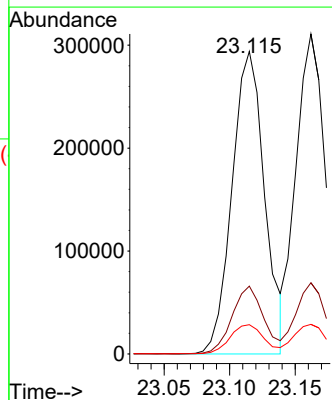
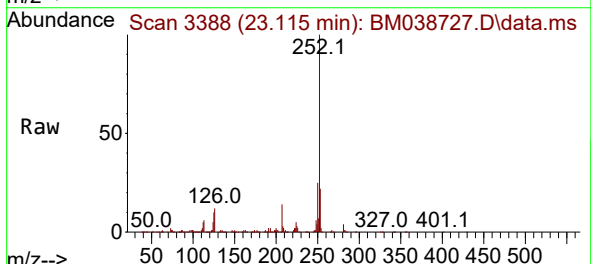
Instrument :
 BNA_M
 ClientSampleId :
 PB150810BSD

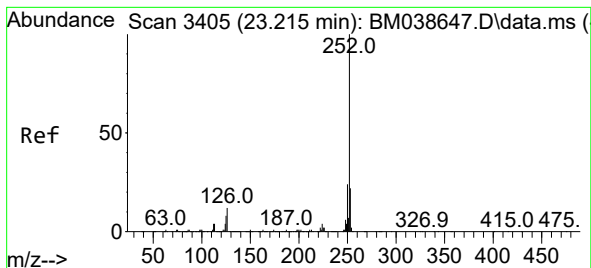
Tgt Ion:276 Resp: 700061
 Ion Ratio Lower Upper
 276 100
 138 24.1 17.2 25.8
 277 25.0 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 50.090 ng
 RT: 23.115 min Scan# 3388
 Delta R.T. 0.000 min
 Lab File: BM038727.D
 Acq: 14 Feb 2023 12:51

Tgt Ion:252 Resp: 508168
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 9.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.044 ng

RT: 23.162 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

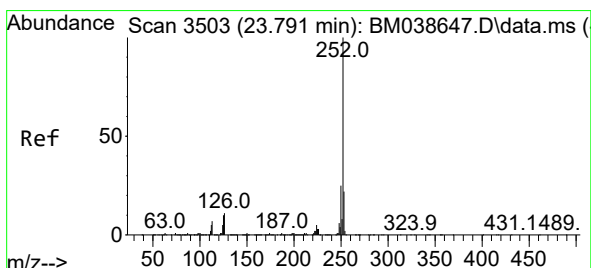
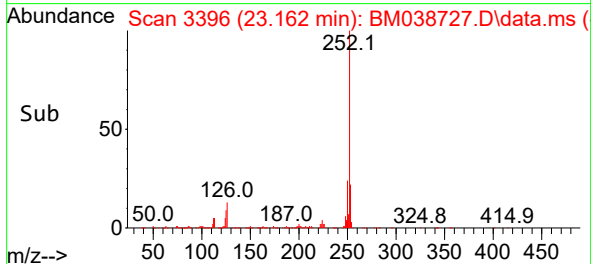
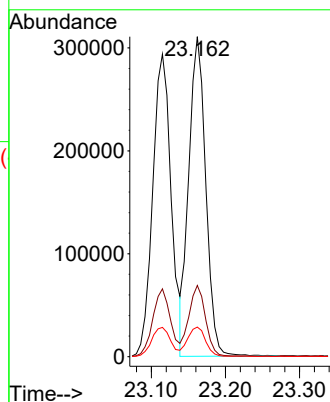
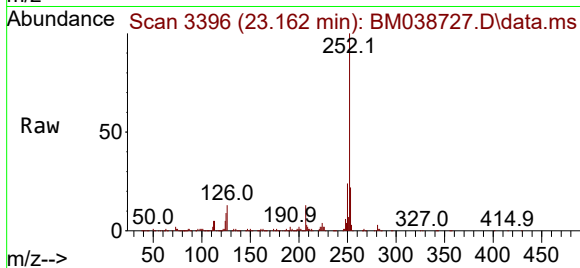
Tgt Ion:252 Resp: 494957

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.3 6.6 9.8



#90

Benzo(a)pyrene

Concen: 45.030 ng

RT: 23.733 min Scan# 3493

Delta R.T. -0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

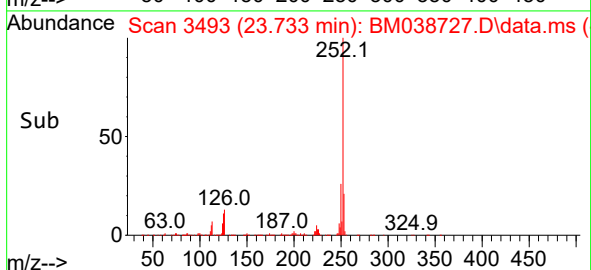
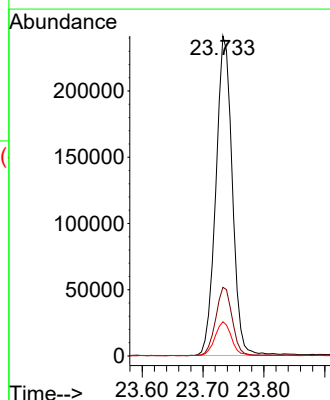
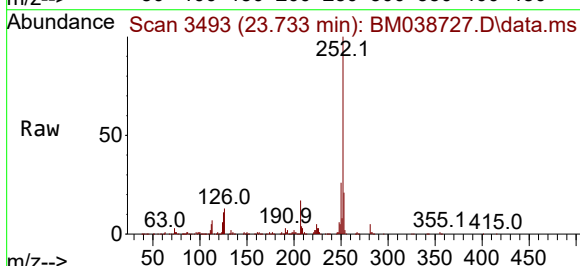
Tgt Ion:252 Resp: 451779

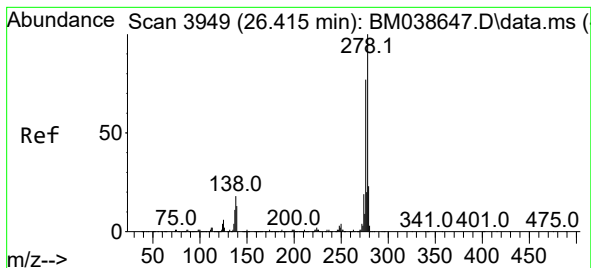
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 10.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 52.689 ng

RT: 26.327 min Scan# 3949

Delta R.T. 0.000 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Instrument :

BNA_M

ClientSampleId :

PB150810BSD

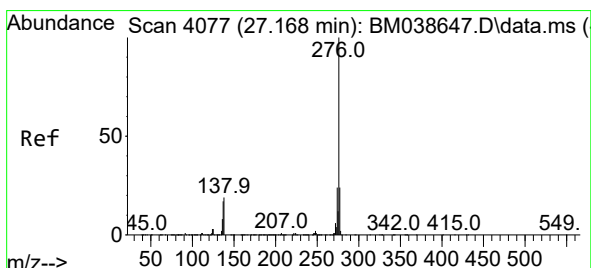
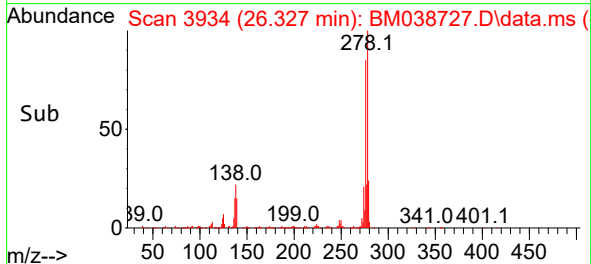
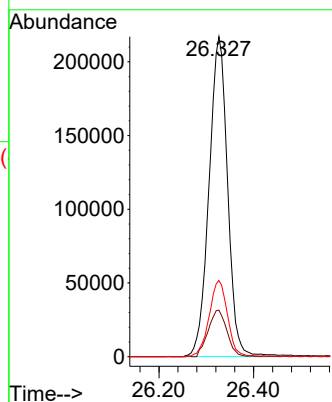
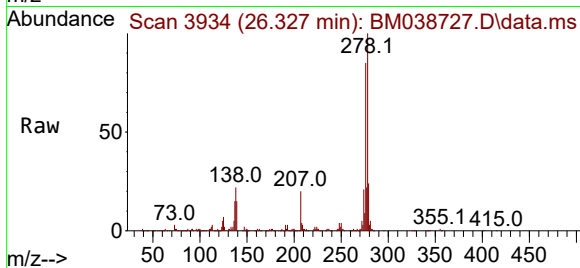
Tgt Ion:278 Resp: 591409

Ion Ratio Lower Upper

278 100

139 14.6 10.5 15.7

279 23.8 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 52.527 ng

RT: 27.074 min Scan# 4061

Delta R.T. -0.006 min

Lab File: BM038727.D

Acq: 14 Feb 2023 12:51

Tgt Ion:276 Resp: 595986

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 19.9 15.3 22.9

