

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038690.D
 Acq On : 03 Feb 2023 21:49
 Operator : CG/JU
 Sample : 01414-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MS

Quant Time: Feb 04 05:22:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	63592	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	219381	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	153340	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	322120	20.000	ng	0.00
76) Chrysene-d12	21.486	240	285551	20.000	ng	0.00
86) Perylene-d12	23.880	264	365243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367006	113.054	ng	0.00
7) Phenol-d6	7.104	99	421407	113.817	ng	0.00
23) Nitrobenzene-d5	9.098	82	256024	66.288	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	246743	118.386	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	790735	65.650	ng	0.00
79) Terphenyl-d14	19.921	244	978448	60.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	55070	38.480	ng	97
3) Pyridine	3.751	79	130506	38.349	ng	99
4) n-Nitrosodimethylamine	3.663	42	62529	40.701	ng	99
6) Aniline	7.257	93	88523	19.167	ng	97
8) 2-Chlorophenol	7.492	128	174576	49.283	ng	98
9) Benzaldehyde	7.069	77	89866	55.069	ng	96
10) Phenol	7.128	94	181955	48.645	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	141568	46.735	ng	99
12) 1,3-Dichlorobenzene	7.810	146	225983	49.931	ng	99
13) 1,4-Dichlorobenzene	7.957	146	227986	49.913	ng	98
14) 1,2-Dichlorobenzene	8.275	146	220449	50.379	ng	98
15) Benzyl Alcohol	8.175	79	128992	47.334	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	125096	43.599	ng	97
17) 2-Methylphenol	8.386	107	130781	45.583	ng	98
18) Hexachloroethane	8.998	117	73427	49.777	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	104816	46.966	ng	97
20) 3+4-Methylphenols	8.716	107	174643	45.655	ng	99
22) Acetophenone	8.763	105	235312	44.977	ng	# 99
24) Nitrobenzene	9.145	77	168896	43.083	ng	95
25) Isophorone	9.669	82	292723	43.264	ng	99
26) 2-Nitrophenol	9.851	139	103460	47.427	ng	97
27) 2,4-Dimethylphenol	9.916	122	152337	48.401	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	184610	44.647	ng	98
29) 2,4-Dichlorophenol	10.392	162	216107	48.330	ng	97
30) 1,2,4-Trichlorobenzene	10.592	180	226377	47.593	ng	99
31) Naphthalene	10.786	128	519288	46.127	ng	99
32) Benzoic acid	10.075	122	116864	45.869	ng	97
33) 4-Chloroaniline	10.910	127	42567	8.628	ng	96
34) Hexachlorobutadiene	11.057	225	110413	46.339	ng	97
35) Caprolactam	11.710	113	43441	45.110	ng	98
36) 4-Chloro-3-methylphenol	12.039	107	149975	45.359	ng	93
37) 2-Methylnaphthalene	12.392	142	401823	44.169	ng	99
38) 1-Methylnaphthalene	12.610	142	381107	44.458	ng	96
40) 1,2,4,5-Tetrachloroben...	12.757	216	187563	47.000	ng	99
41) Hexachlorocyclopentadiene	12.727	237	92707	37.437	ng	95
43) 2,4,6-Trichlorophenol	13.004	196	154076	49.144	ng	99

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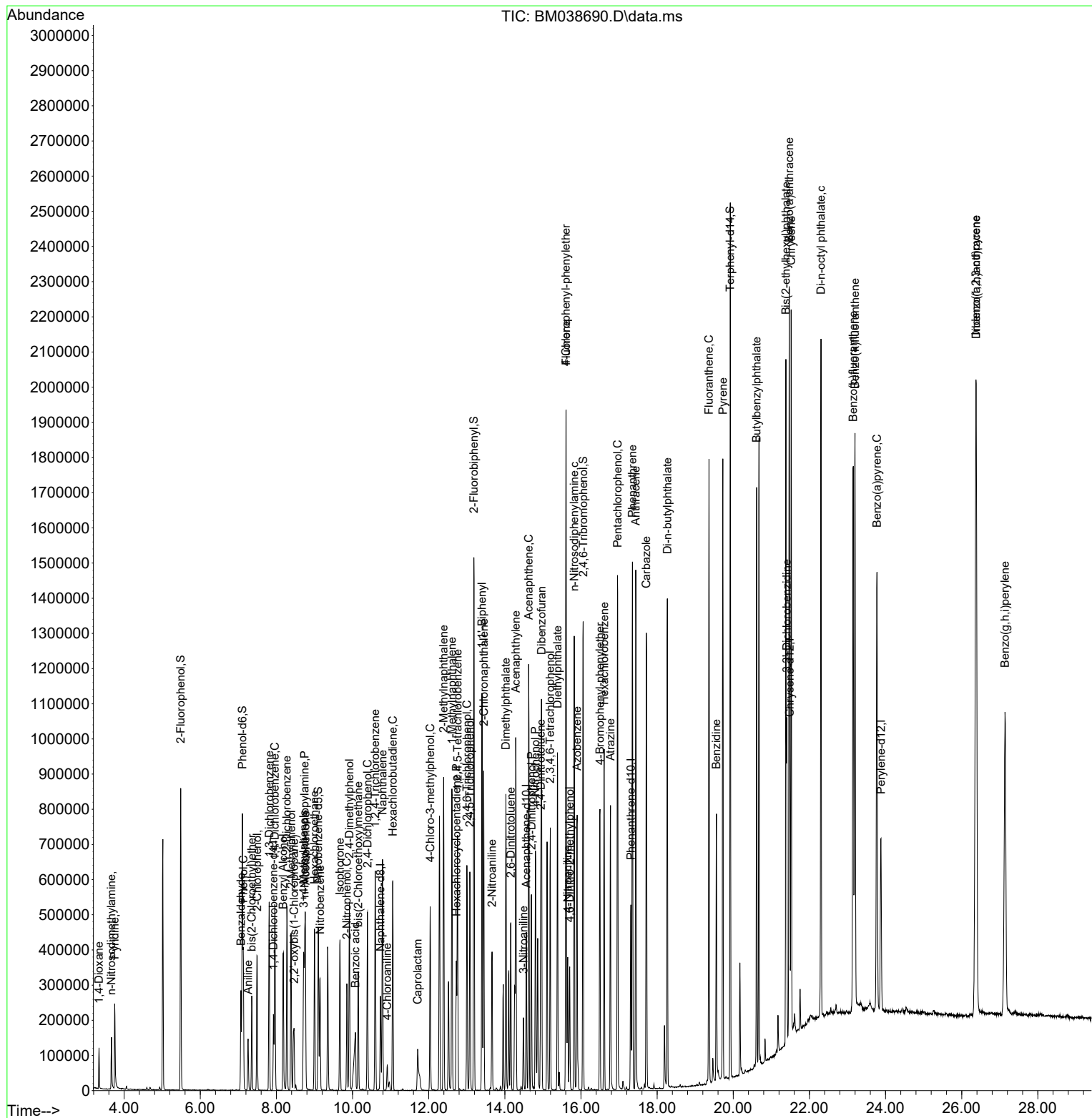
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	163806	44.399	ng	99
46) 1,1'-Biphenyl	13.398	154	582322	47.941	ng	100
47) 2-Chloronaphthalene	13.445	162	474690	49.664	ng	99
48) 2-Nitroaniline	13.663	65	90882	42.397	ng	91
49) Acenaphthylene	14.286	152	713908	47.421	ng	99
50) Dimethylphthalate	14.027	163	574534	45.914	ng	100
51) 2,6-Dinitrotoluene	14.157	165	121683	47.844	ng	96
52) Acenaphthene	14.627	154	425455	47.330	ng	99
53) 3-Nitroaniline	14.486	138	59688	23.292	ng	96
54) 2,4-Dinitrophenol	14.698	184	139115	84.035	ng	94
55) Dibenzofuran	14.962	168	711538	45.966	ng	99
56) 4-Nitrophenol	14.804	139	204309	100.162	ng	96
57) 2,4-Dinitrotoluene	14.945	165	171748	45.841	ng	# 91
58) Fluorene	15.610	166	582709	47.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	124490	48.482	ng	100
60) Diethylphthalate	15.380	149	553300	46.674	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	240978	46.377	ng	98
62) 4-Nitroaniline	15.651	138	102043	37.756	ng	97
63) Azobenzene	15.898	77	420011	46.051	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	83821	41.336	ng	97
66) n-Nitrosodiphenylamine	15.821	169	486005	46.208	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	143468	46.127	ng	98
68) Hexachlorobenzene	16.609	284	186274	49.004	ng	100
69) Atrazine	16.774	200	155386	50.973	ng	99
70) Pentachlorophenol	16.962	266	238063	85.914	ng	97
71) Phenanthrene	17.351	178	898961	47.001	ng	99
72) Anthracene	17.439	178	916444	46.837	ng	100
73) Carbazole	17.715	167	872714	47.824	ng	100
74) Di-n-butylphthalate	18.268	149	1043838	50.630	ng	100
75) Fluoranthene	19.362	202	963373	47.972	ng	100
77) Benzidine	19.556	184	473768	54.755	ng	99
78) Pyrene	19.727	202	1024731	46.611	ng	99
80) Butylbenzylphthalate	20.615	149	517484	47.311	ng	96
81) Benzo(a)anthracene	21.468	228	961398	47.596	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	248738	35.794	ng	98
83) Chrysene	21.521	228	889440	45.702	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	771551	48.433	ng	100
85) Di-n-octyl phthalate	22.303	149	1372659	53.044	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1378809	47.927	ng	100
88) Benzo(b)fluoranthene	23.150	252	1127380	51.534	ng	99
89) Benzo(k)fluoranthene	23.197	252	1066503	48.008	ng	99
90) Benzo(a)pyrene	23.774	252	972793	44.966	ng	99
91) Dibenzo(a,h)anthracene	26.379	278	1161041	47.969	ng	98
92) Benzo(g,h,i)perylene	27.138	276	1126067	46.025	ng	99

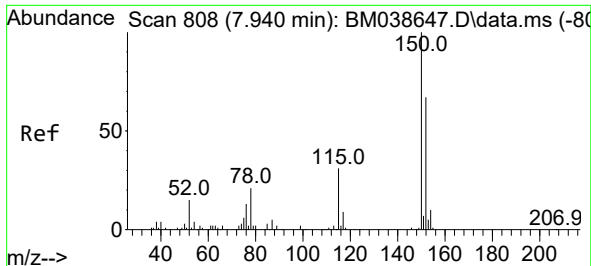
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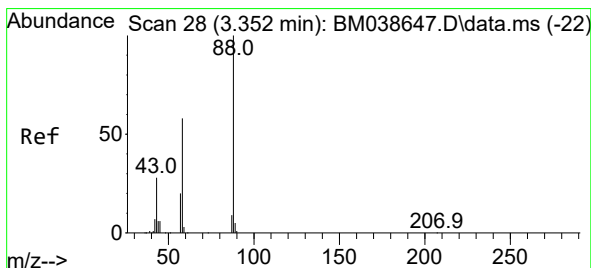
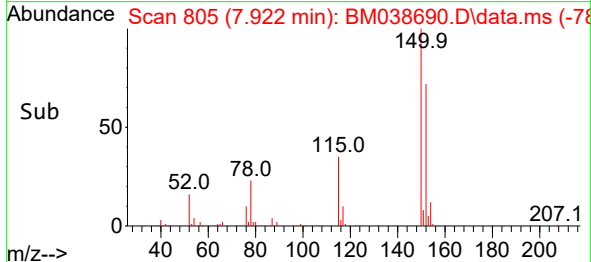
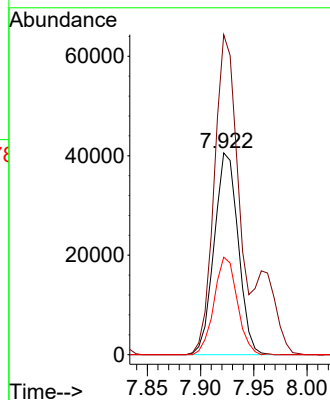
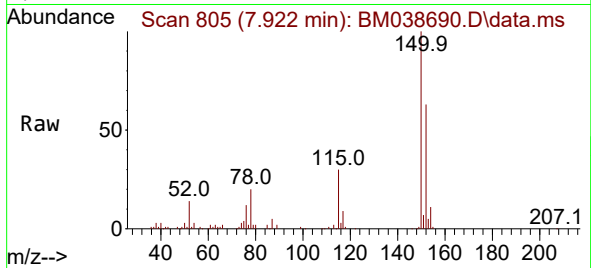




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038690.D
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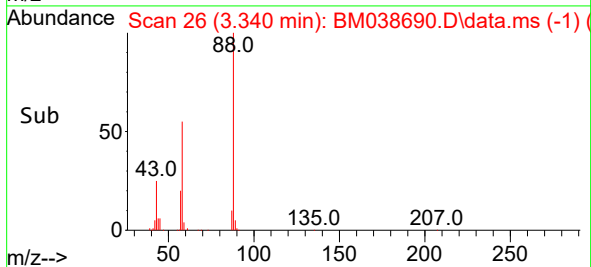
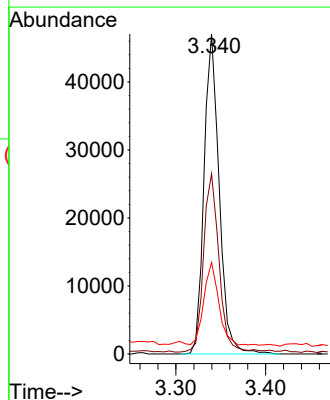
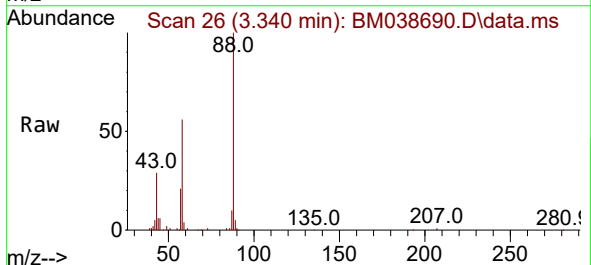
Instrument :
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ClientSampleId :
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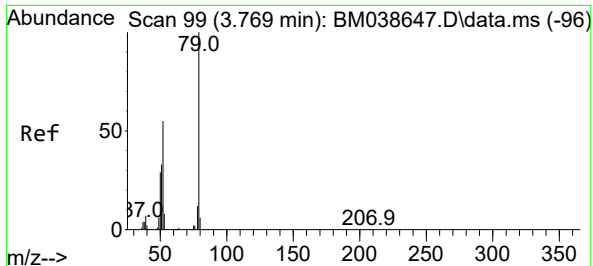
Tgt Ion:152 Resp: 63592
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 48.3 37.6 56.4



#2
1,4-Dioxane
Concen: 38.480 ng
RT: 3.340 min Scan# 26
Delta R.T. -0.000 min
Lab File: BM038690.D
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Tgt Ion: 88 Resp: 55070
Ion Ratio Lower Upper
88 100
58 57.0 47.0 70.4
43 25.5 22.6 33.8

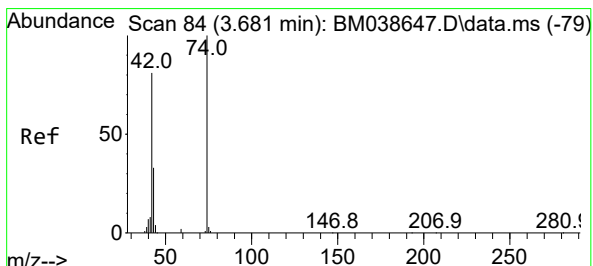
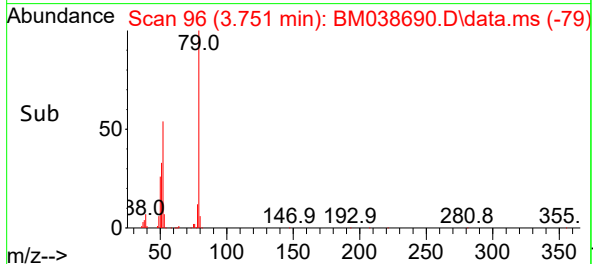
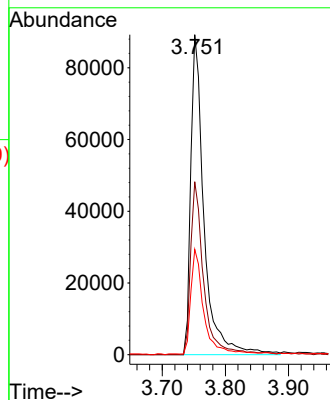
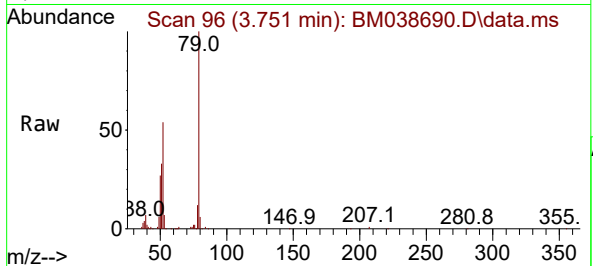




#3
Pyridine
Concen: 38.349 ng
RT: 3.751 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM038690.D
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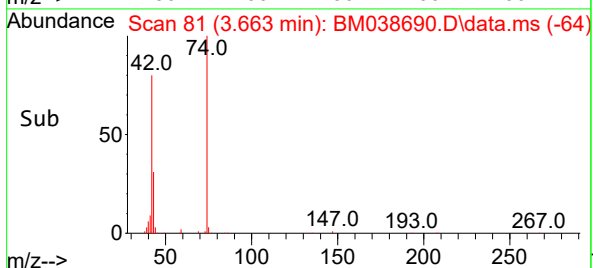
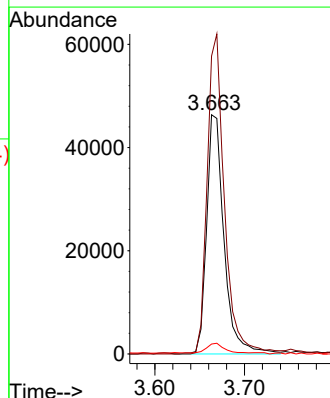
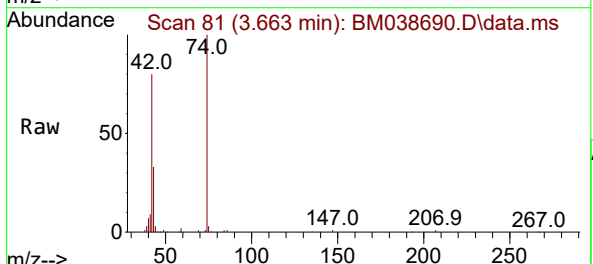
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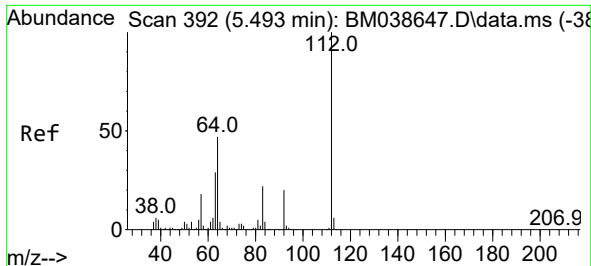
Tgt Ion: 79 Resp: 130506
Ion Ratio Lower Upper
79 100
52 54.1 43.7 65.5
51 32.9 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 40.701 ng
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion: 42 Resp: 62529
Ion Ratio Lower Upper
42 100
74 124.6 98.4 147.6
44 4.2 3.5 5.3

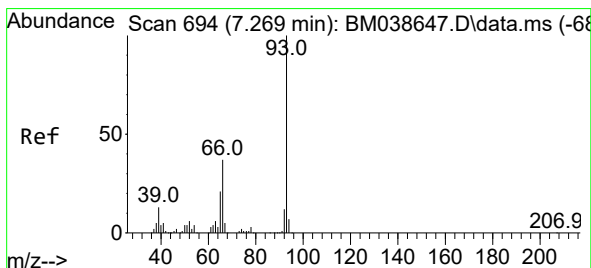
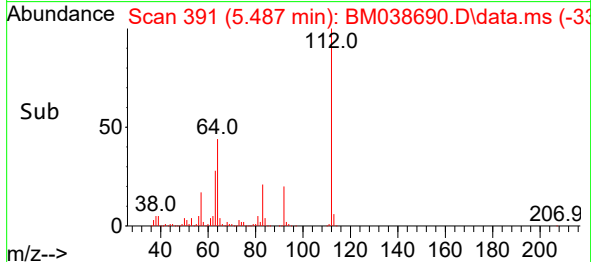
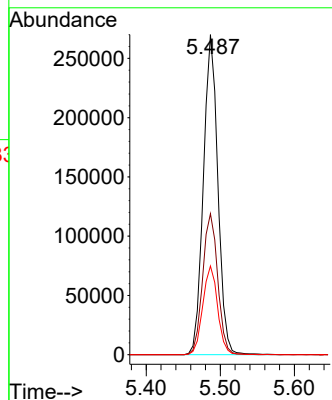
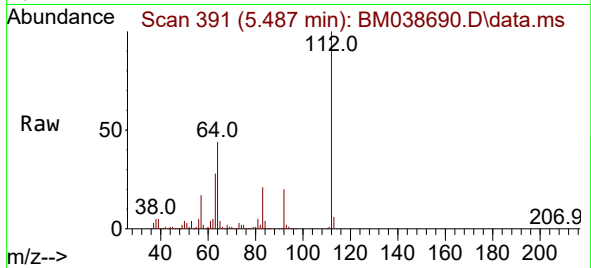




#5
2-Fluorophenol
Concen: 113.054 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038690.D
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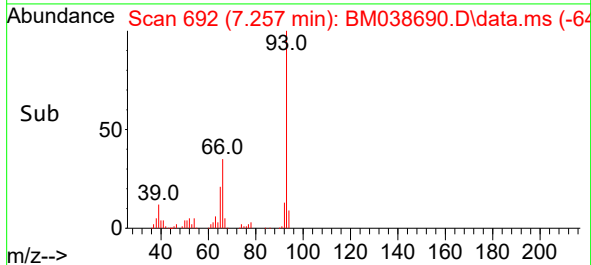
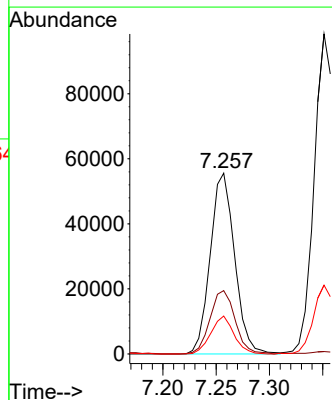
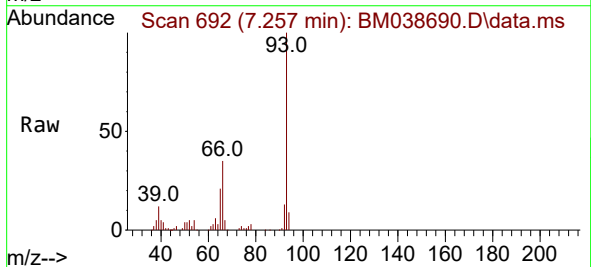
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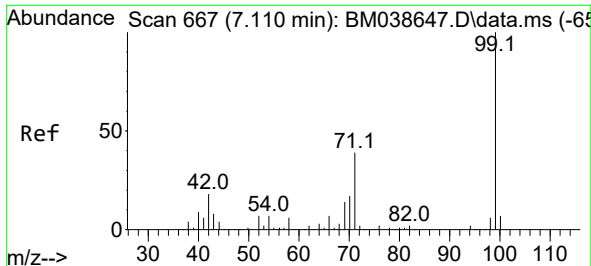
Tgt Ion:112 Resp: 367006
Ion Ratio Lower Upper
112 100
64 44.1 37.9 56.9
63 27.7 23.3 34.9



#6
Aniline
Concen: 19.167 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion: 93 Resp: 88523
Ion Ratio Lower Upper
93 100
66 35.1 29.8 44.8
65 20.9 16.9 25.3

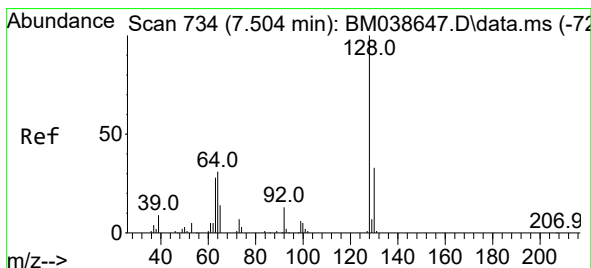
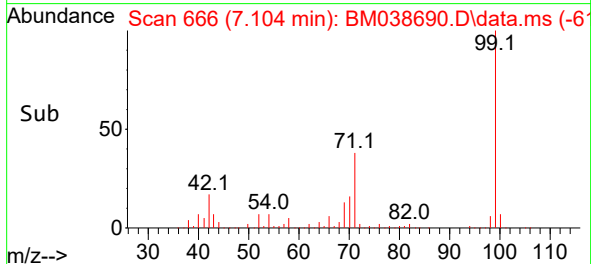
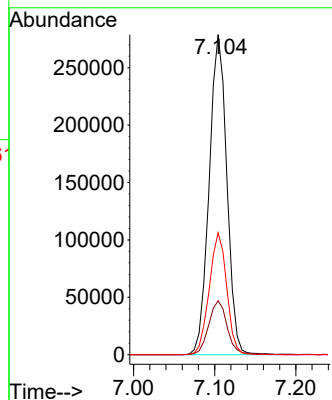
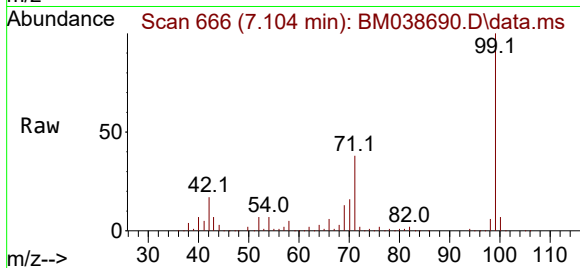




#7
Phenol-d6
Concen: 113.817 ng
RT: 7.104 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM038690.D
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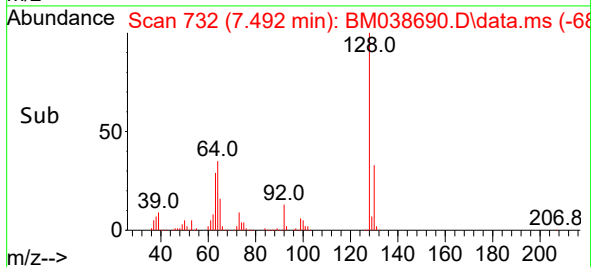
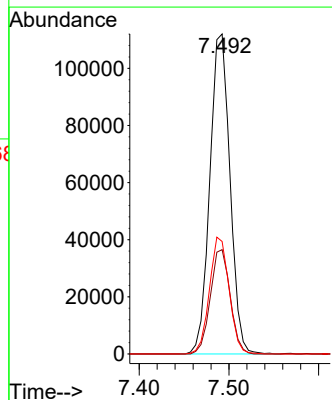
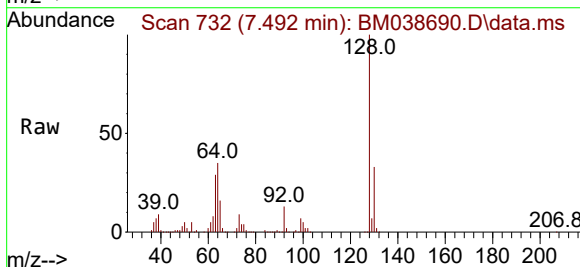
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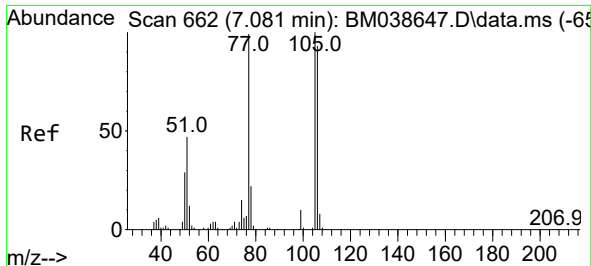
Tgt Ion: 99 Resp: 421407
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 38.1 31.0 46.4



#8
2-Chlorophenol
Concen: 49.283 ng
RT: 7.492 min Scan# 732
Delta R.T. 0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:128 Resp: 174576
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 35.1 17.3 57.3

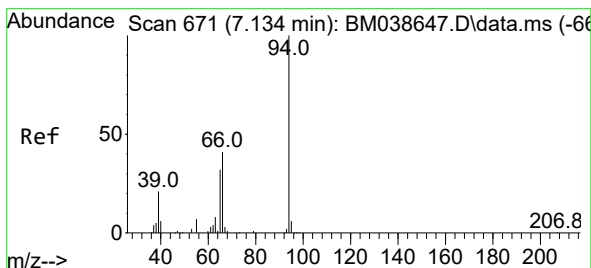
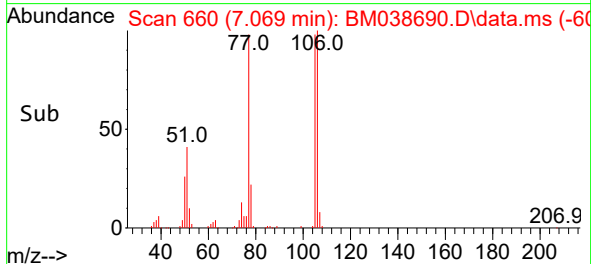
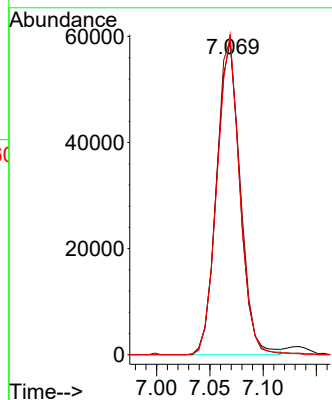
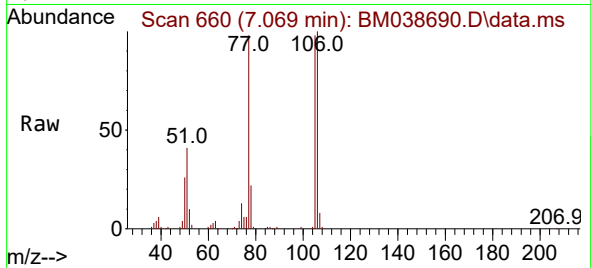




#9
Benzaldehyde
Concen: 55.069 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.000 min
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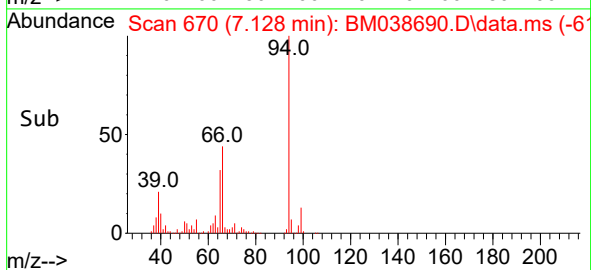
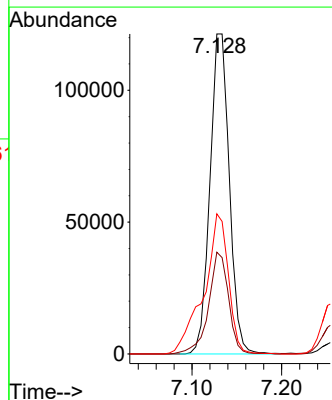
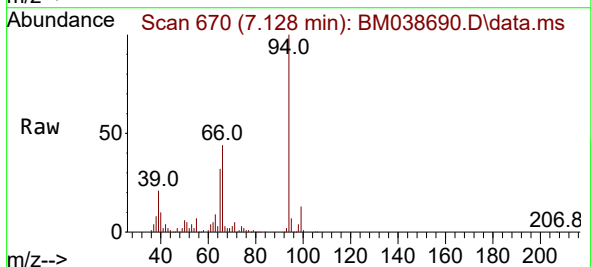
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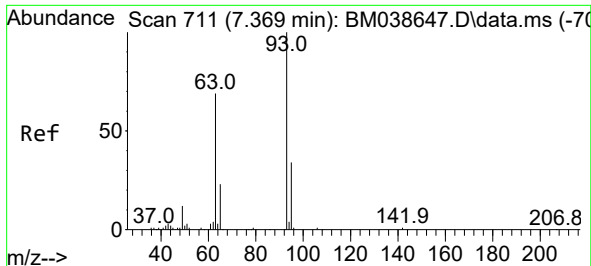
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Ion Ratio Lower Upper
77 100
105 100.7 80.8 120.8
106 102.3 73.8 113.8



#10
Phenol
Concen: 48.645 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion: 94 Resp: 181955
Ion Ratio Lower Upper
94 100
65 31.8 12.3 52.3
66 43.8 24.2 64.2

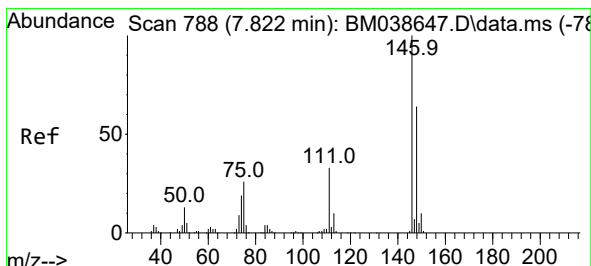
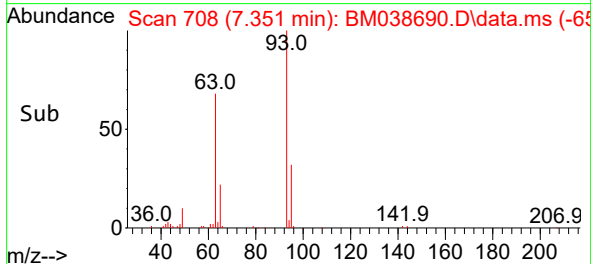
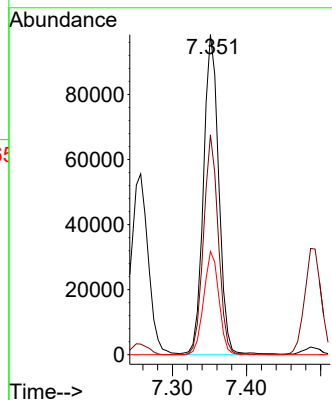
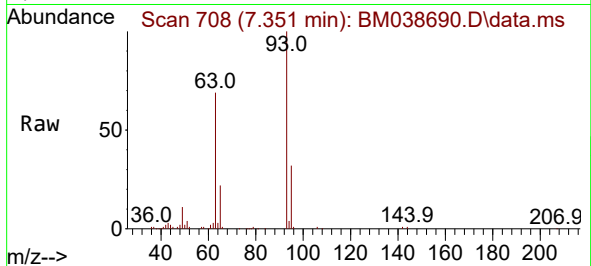




#11
bis(2-Chloroethyl)ether
Concen: 46.735 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

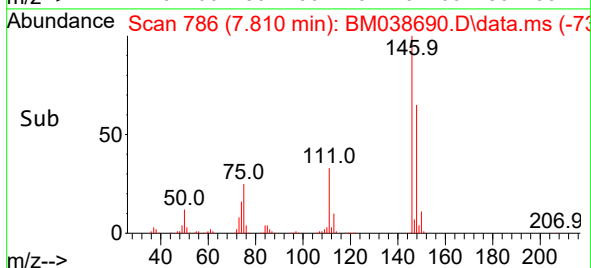
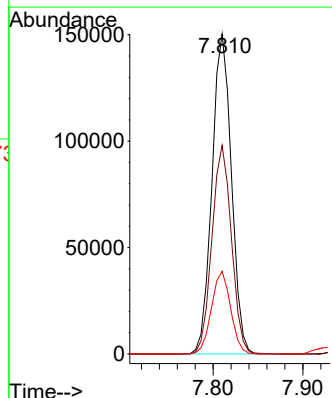
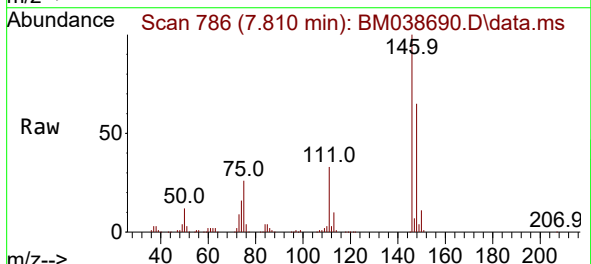
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

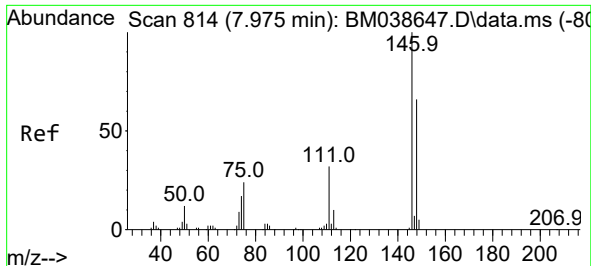
Tgt Ion: 93 Resp: 141568
Ion Ratio Lower Upper
93 100
63 68.7 48.5 88.5
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 49.931 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:146 Resp: 225983
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
75 25.8 21.1 31.7

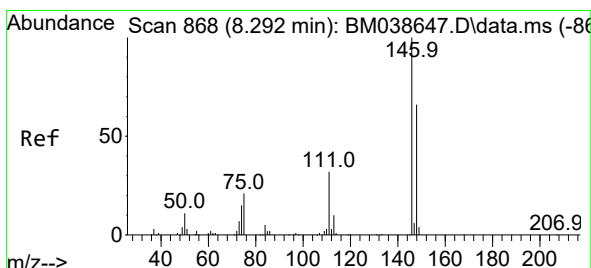
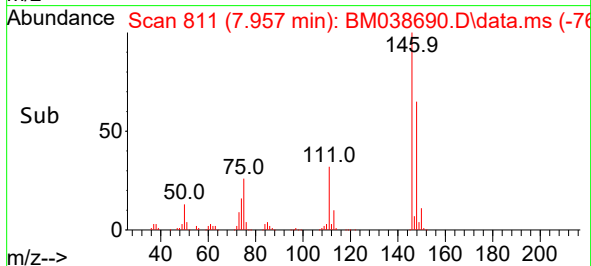
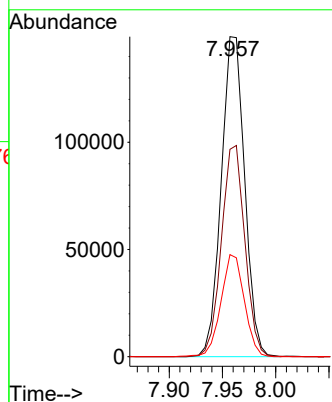
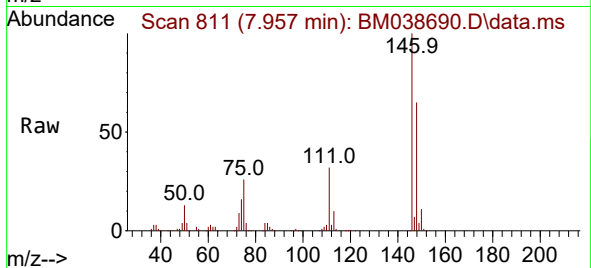




#13
1,4-Dichlorobenzene
Concen: 49.913 ng
RT: 7.957 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

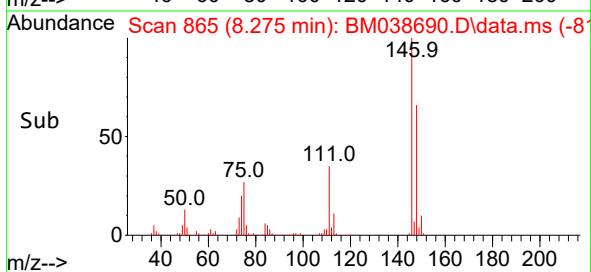
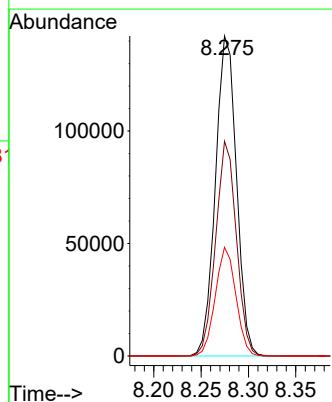
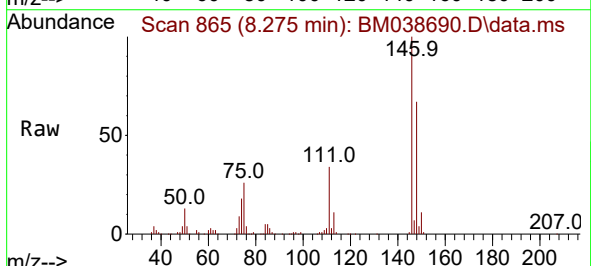
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

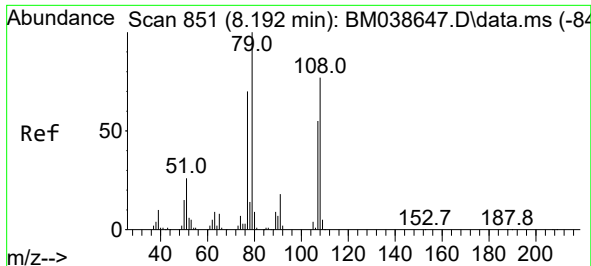
Tgt Ion:146 Resp: 227986
Ion Ratio Lower Upper
146 100
148 64.8 53.1 79.7
111 31.9 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 50.379 ng
RT: 8.275 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:146 Resp: 220449
Ion Ratio Lower Upper
146 100
148 67.1 52.9 79.3
111 33.9 26.2 39.2

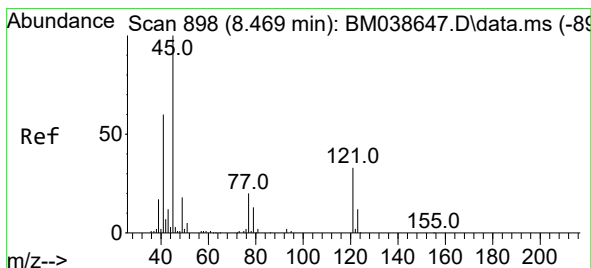
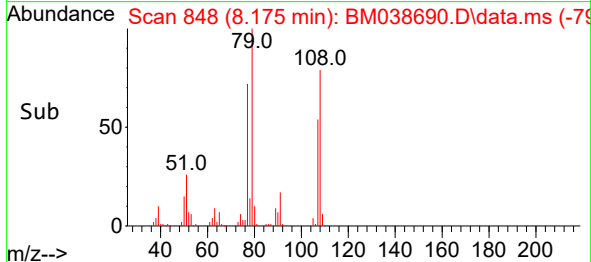
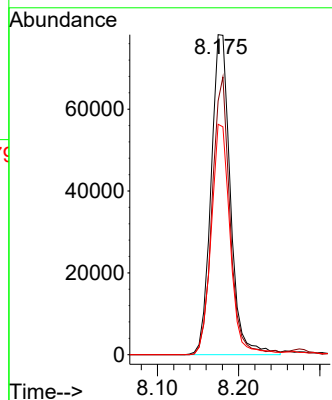
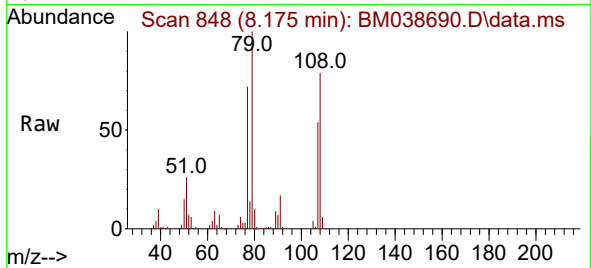




#15
Benzyl Alcohol
Concen: 47.334 ng
RT: 8.175 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

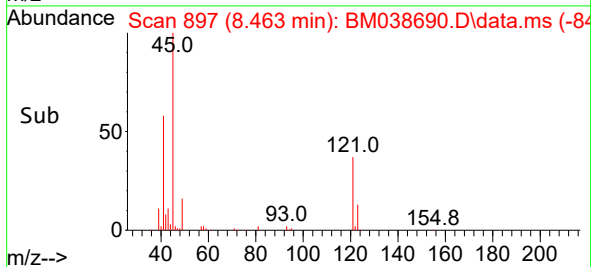
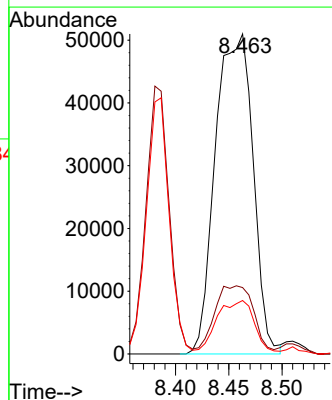
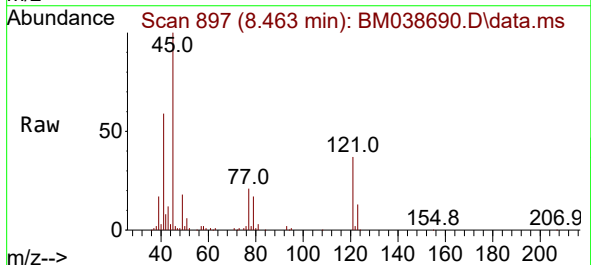
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

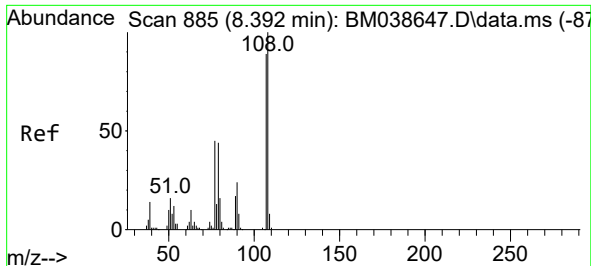
Tgt Ion: 79 Resp: 128992
Ion Ratio Lower Upper
79 100
108 79.3 61.9 92.9
77 72.0 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.599 ng
RT: 8.463 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion: 45 Resp: 125096
Ion Ratio Lower Upper
45 100
77 20.7 1.1 41.1
79 16.7 0.0 34.6

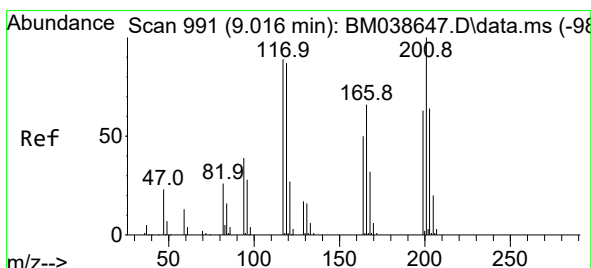
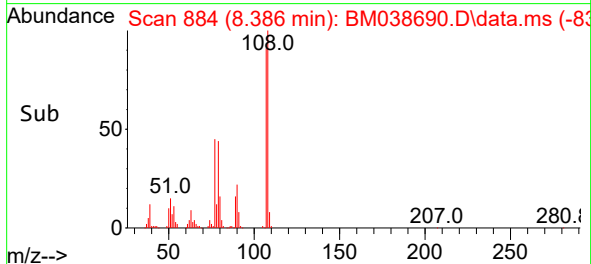
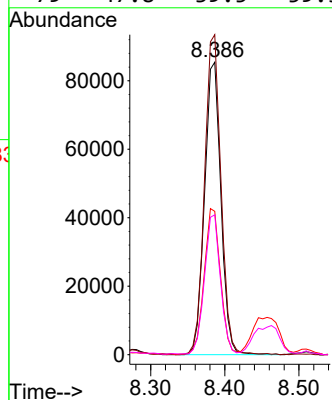
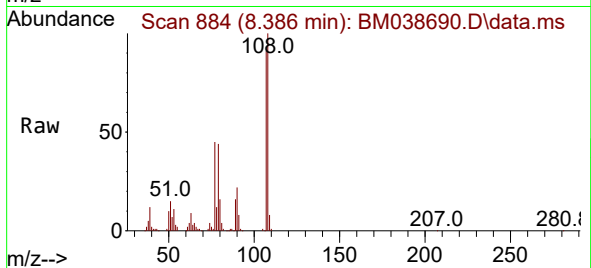




#17
2-Methylphenol
Concen: 45.583 ng
RT: 8.386 min Scan# 884
Delta R.T. 0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

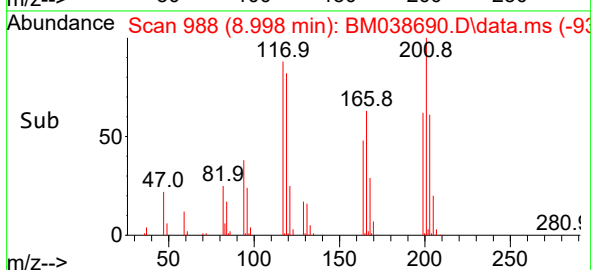
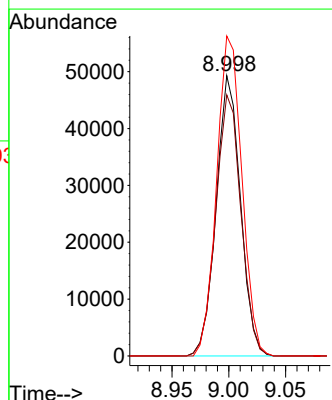
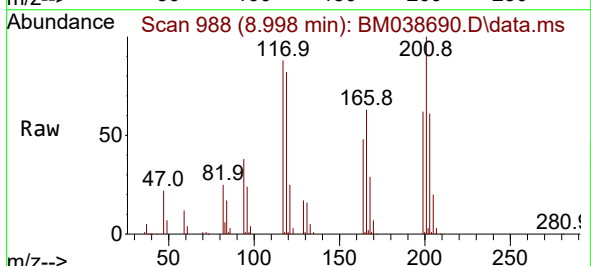
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

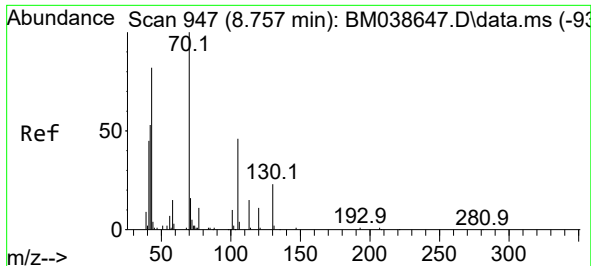
Tgt Ion:107 Resp: 130781
Ion Ratio Lower Upper
107 100
108 109.4 89.6 134.4
77 49.0 40.7 61.1
79 47.8 39.5 59.3



#18
Hexachloroethane
Concen: 49.777 ng
RT: 8.998 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:117 Resp: 73427
Ion Ratio Lower Upper
117 100
119 93.1 78.6 117.8
201 114.2 90.2 135.2

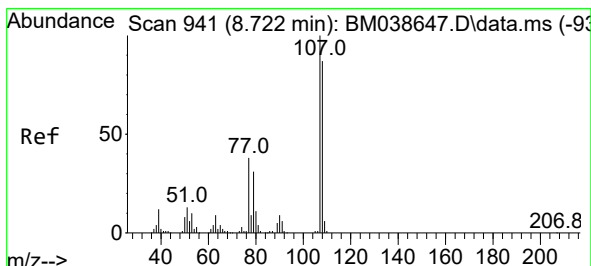
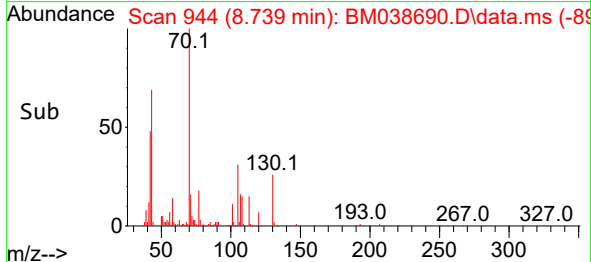
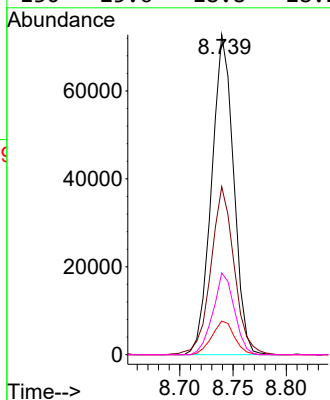
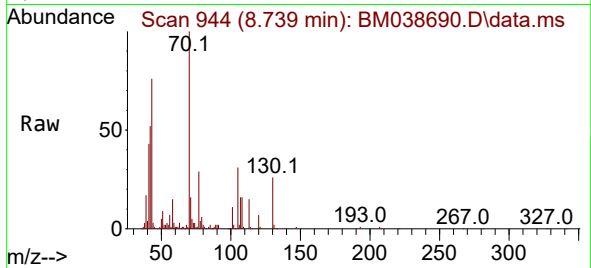




#19
n-Nitroso-di-n-propylamine
Concen: 46.966 ng
RT: 8.739 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

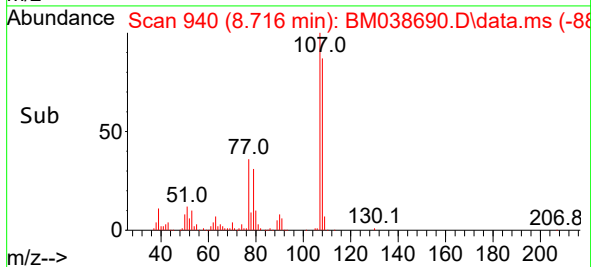
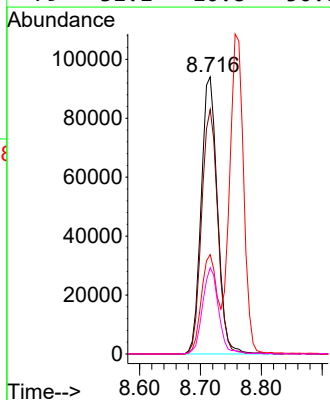
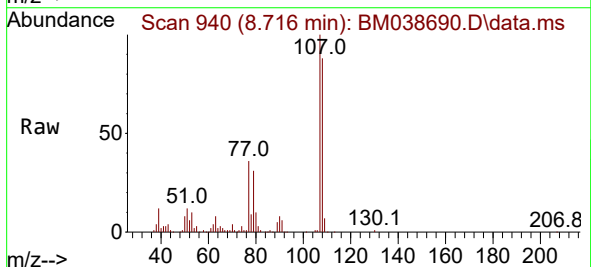
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

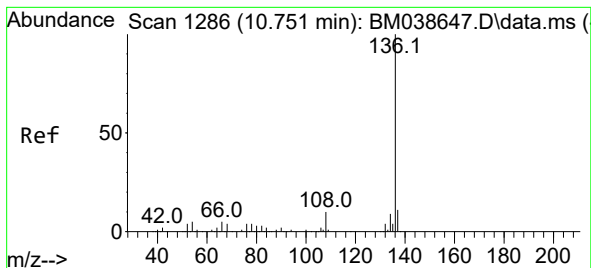
Tgt Ion: 70	Resp: 104816
Ion Ratio	Lower Upper
70 100	
42 52.5	43.4 65.2
101 10.5	8.2 12.2
130 25.6	18.8 28.2



#20
3+4-Methylphenols
Concen: 45.655 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt	Ion:107	Resp:	174643
Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.2	107.2
77	35.8	17.5	57.5
79	31.1	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

Tgt Ion:136 Resp: 219381

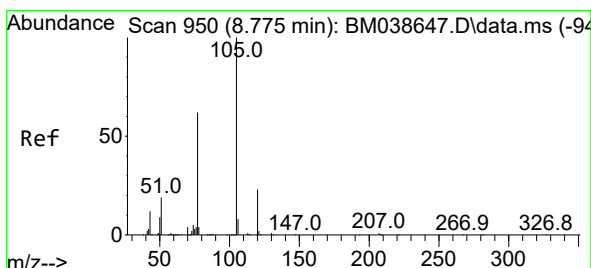
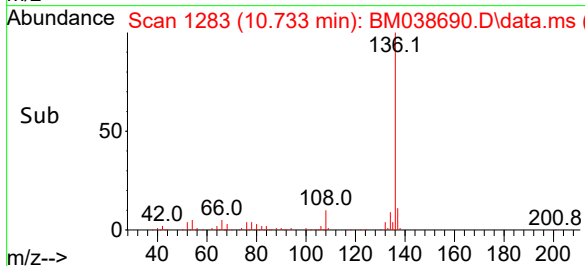
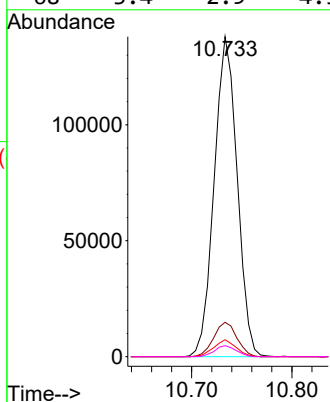
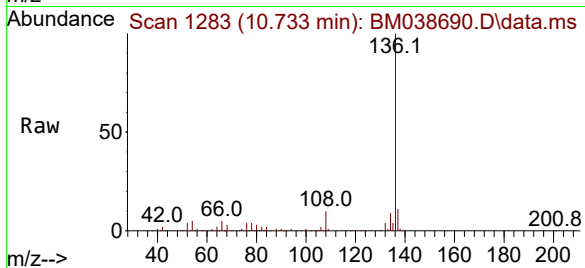
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.3 4.2 6.4

68 3.4 2.9 4.3



#22

Acetophenone

Concen: 44.977 ng

RT: 8.763 min Scan# 948

Delta R.T. 0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:105 Resp: 235312

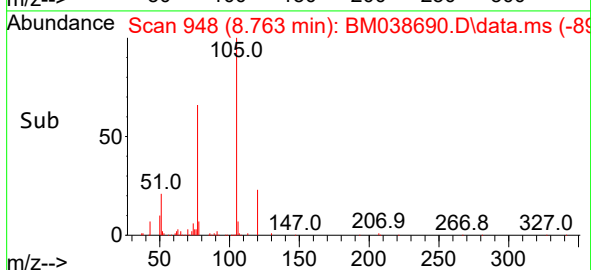
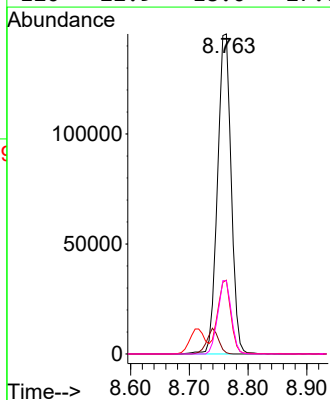
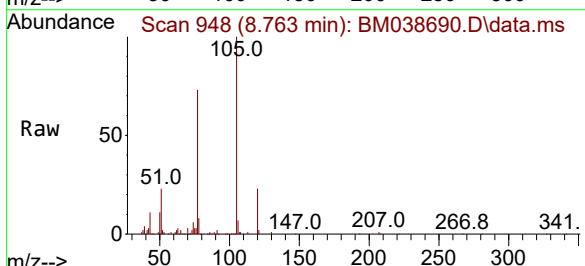
Ion Ratio Lower Upper

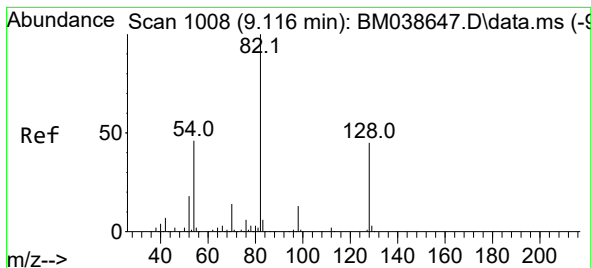
105 100

71 0.4 0.9 1.3#

51 23.1 19.3 28.9

120 22.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 66.288 ng

RT: 9.098 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

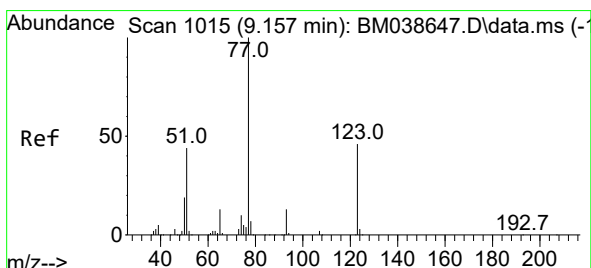
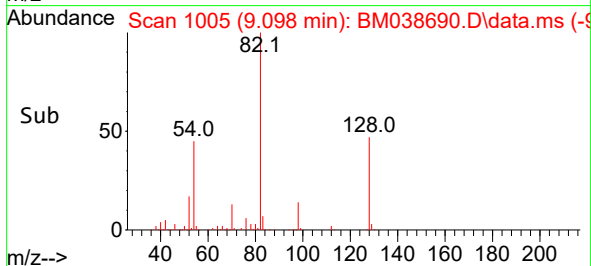
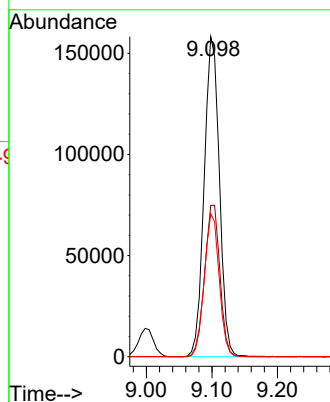
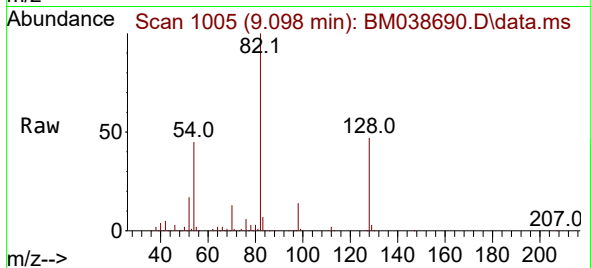
Tgt Ion: 82 Resp: 256024

Ion Ratio Lower Upper

82 100

128 47.3 36.0 54.0

54 44.7 36.8 55.2



#24

Nitrobenzene

Concen: 43.083 ng

RT: 9.145 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

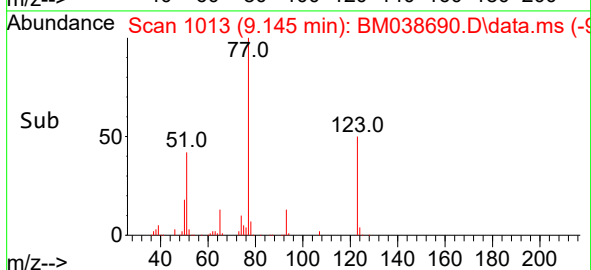
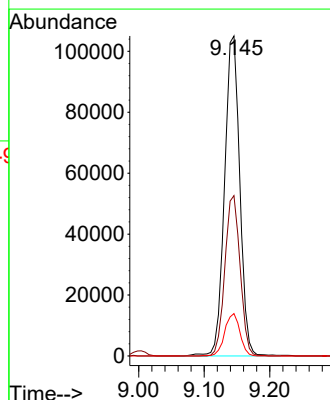
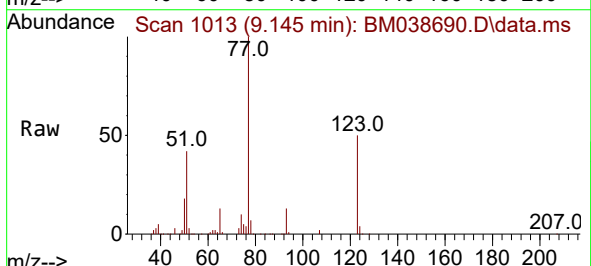
Tgt Ion: 77 Resp: 168896

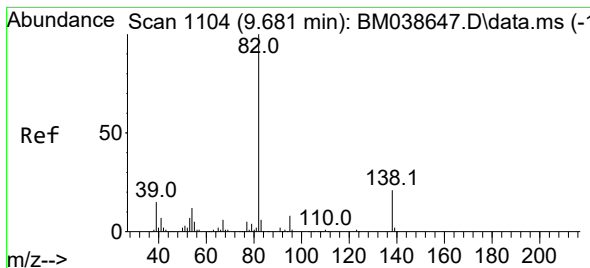
Ion Ratio Lower Upper

77 100

123 50.1 36.5 54.7

65 13.3 10.7 16.1





#25

Isophorone

Concen: 43.264 ng

RT: 9.669 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

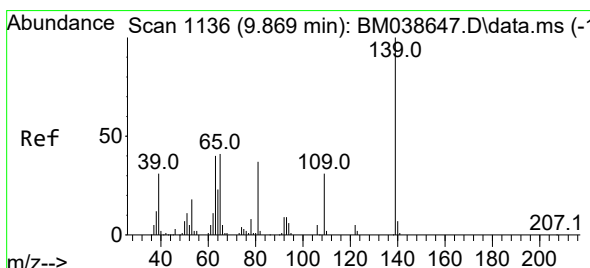
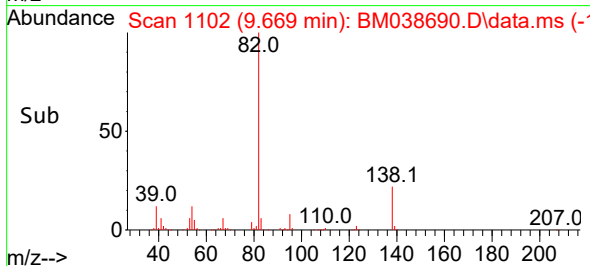
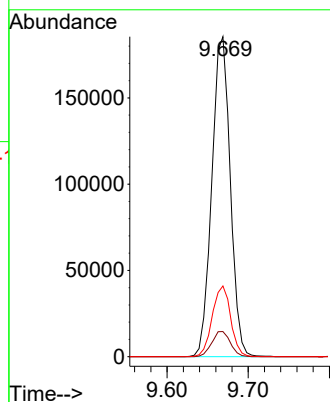
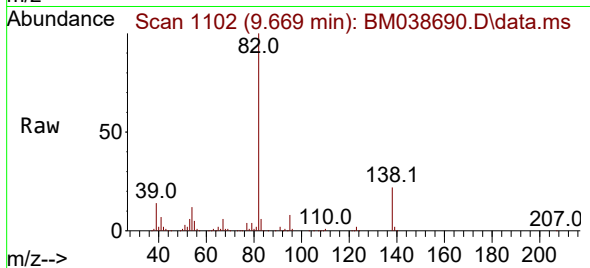
Tgt Ion: 82 Resp: 292723

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 22.1 17.0 25.6



#26

2-Nitrophenol

Concen: 47.427 ng

RT: 9.851 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

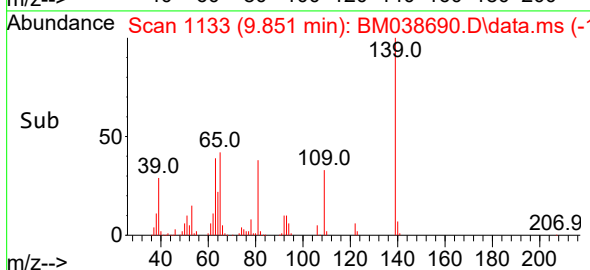
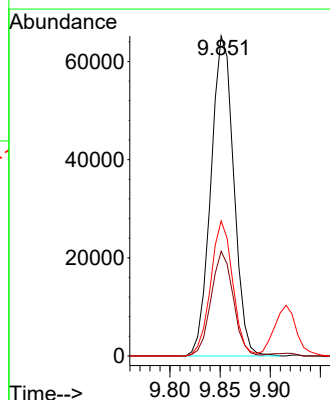
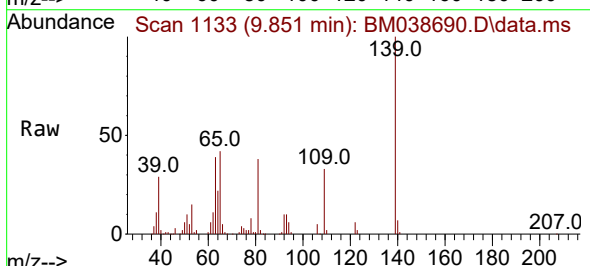
Tgt Ion: 139 Resp: 103460

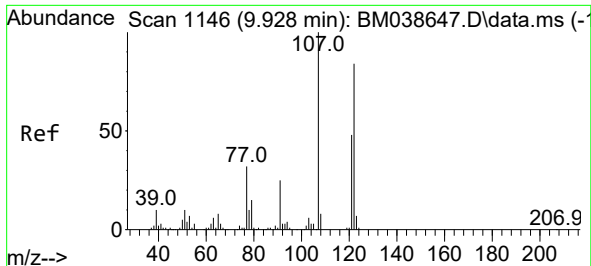
Ion Ratio Lower Upper

139 100

109 32.7 24.5 36.7

65 42.2 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 48.401 ng

RT: 9.916 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BM038690.D

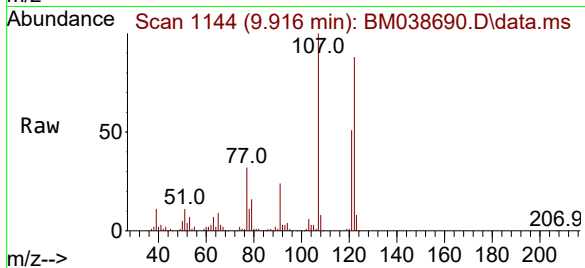
Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS



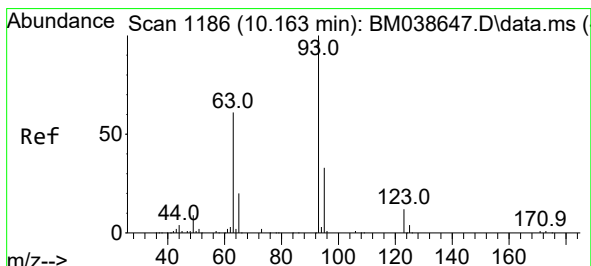
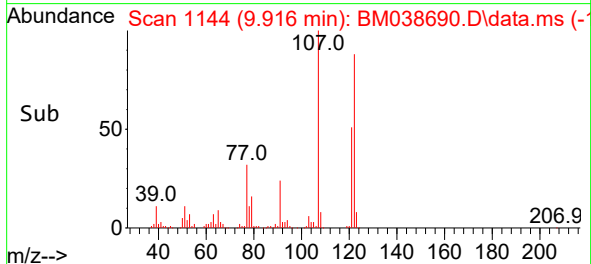
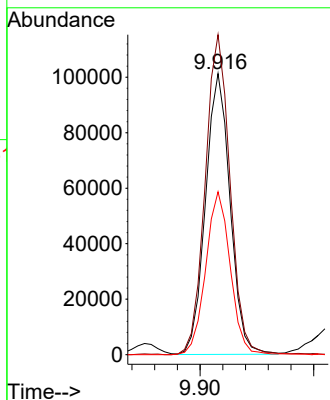
Tgt Ion:122 Resp: 152337

Ion Ratio Lower Upper

122 100

107 113.8 94.9 142.3

121 58.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.647 ng

RT: 10.151 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

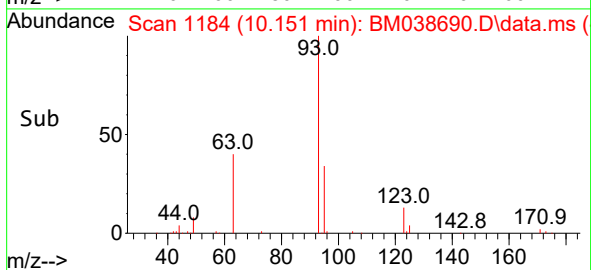
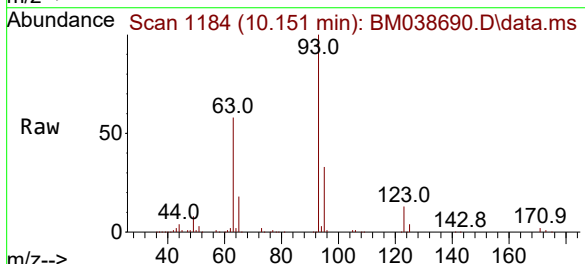
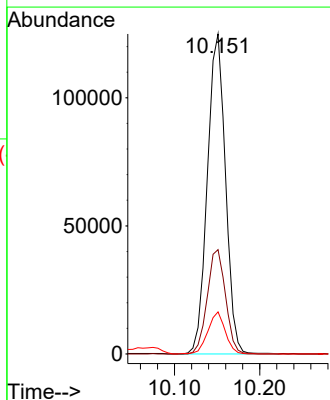
Tgt Ion: 93 Resp: 184610

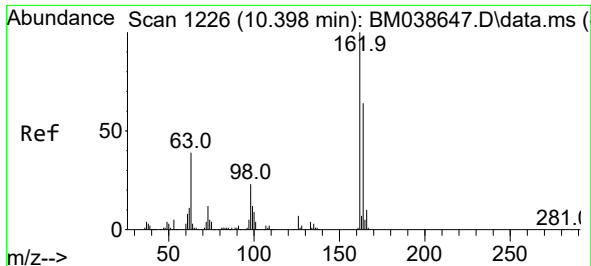
Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

123 13.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.330 ng

RT: 10.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038690.D

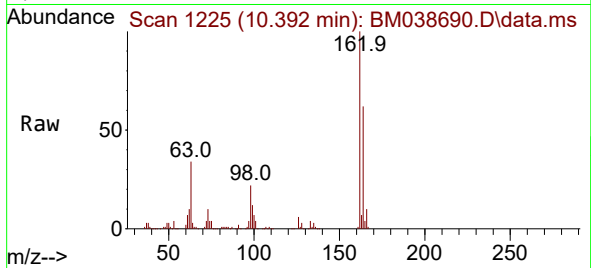
Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS



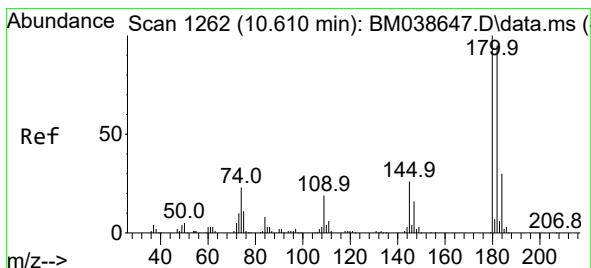
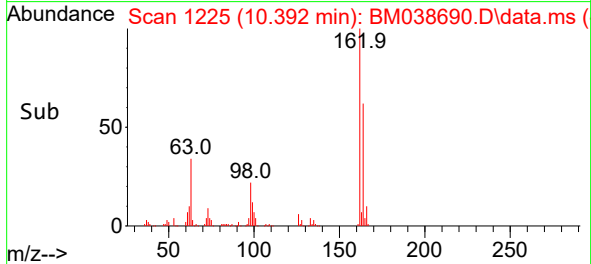
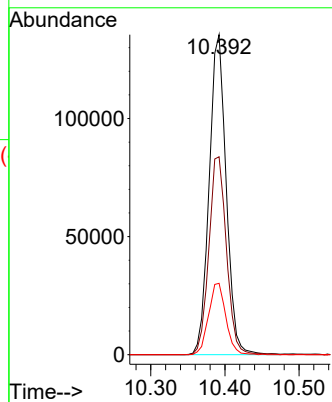
Tgt Ion:162 Resp: 216107

Ion Ratio Lower Upper

162 100

164 61.8 44.3 84.3

98 22.3 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 47.593 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

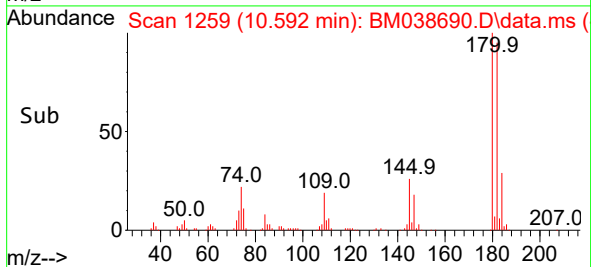
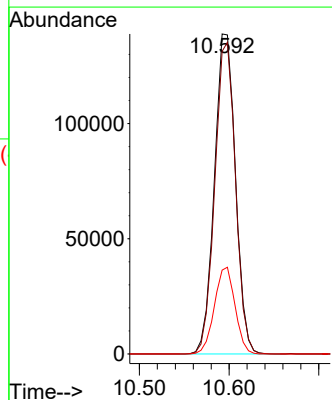
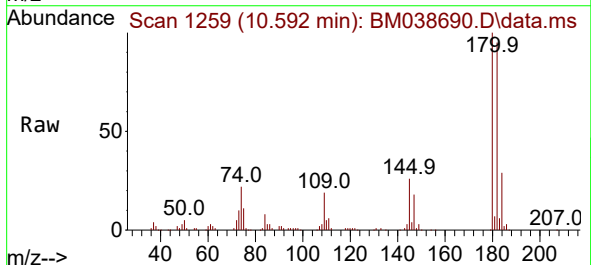
Tgt Ion:180 Resp: 226377

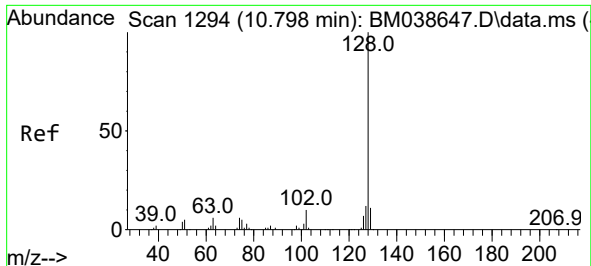
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 26.2 20.8 31.2

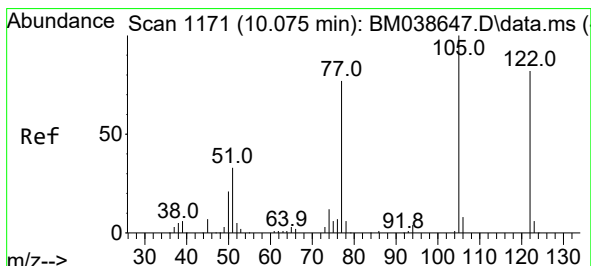
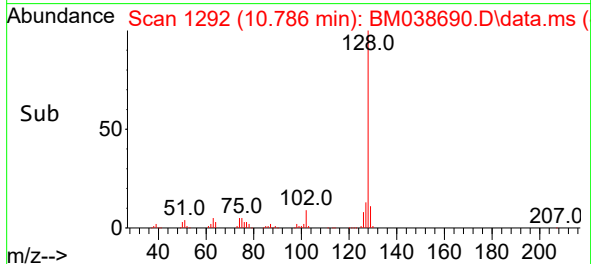
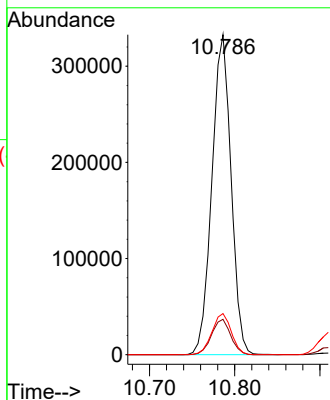
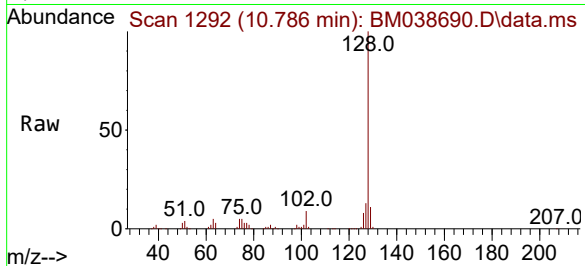




#31
Naphthalene
Concen: 46.127 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

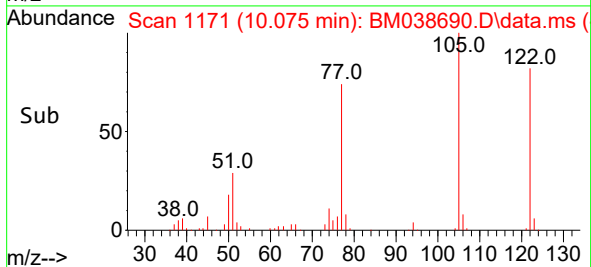
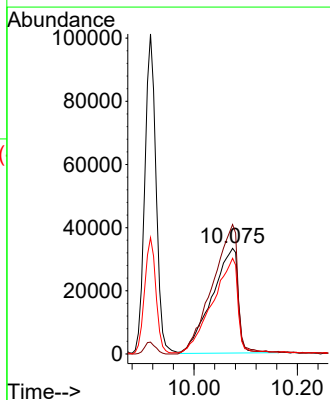
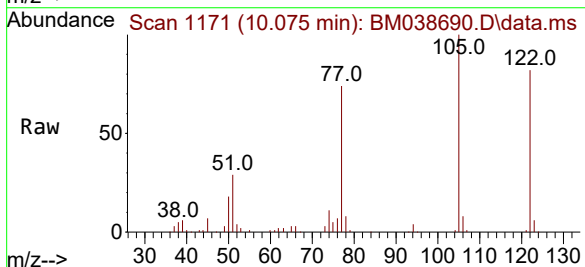
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

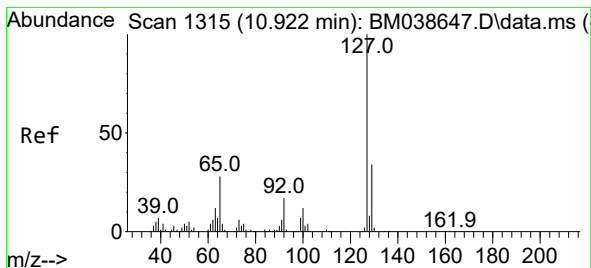
Tgt Ion:128 Resp: 519288
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.8 9.9 14.9



#32
Benzoic acid
Concen: 45.869 ng
RT: 10.075 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:122 Resp: 116864
Ion Ratio Lower Upper
122 100
105 122.5 99.2 139.2
77 90.5 72.3 112.3





#33

4-Chloroaniline

Concen: 8.628 ng

RT: 10.910 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

Tgt Ion:127 Resp: 42567

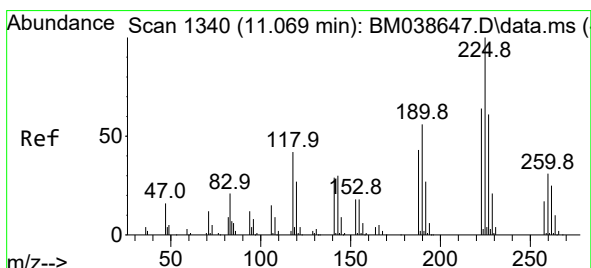
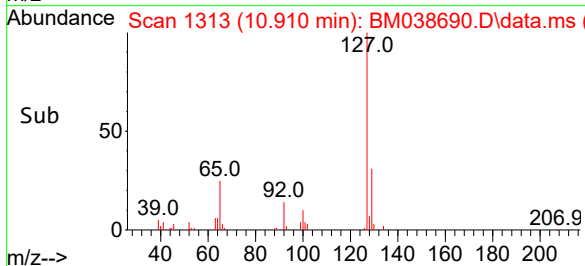
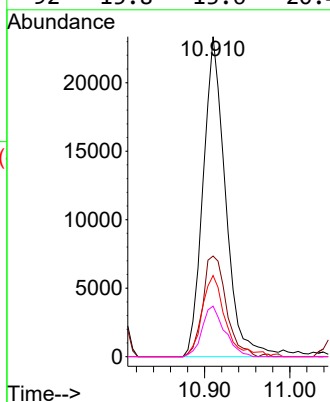
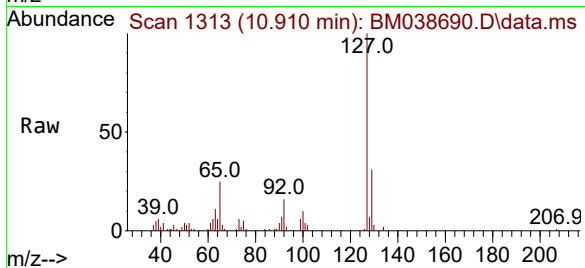
Ion Ratio Lower Upper

127 100

129 31.4 27.1 40.7

65 25.3 22.2 33.4

92 15.8 13.6 20.4



#34

Hexachlorobutadiene

Concen: 46.339 ng

RT: 11.057 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

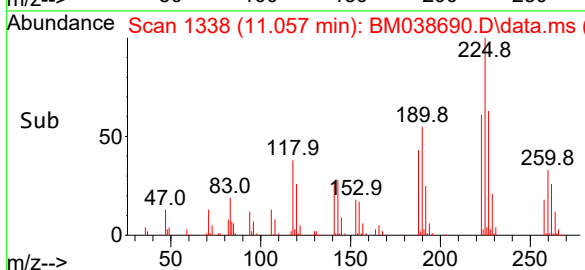
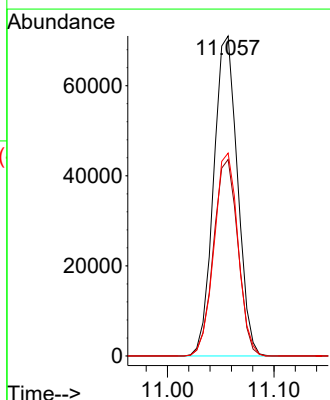
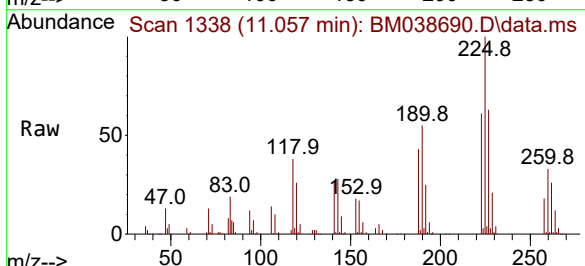
Tgt Ion:225 Resp: 110413

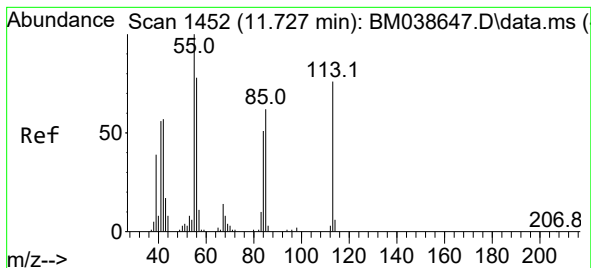
Ion Ratio Lower Upper

225 100

223 61.4 51.0 76.4

227 63.4 49.2 73.8





#35

Caprolactam

Concen: 45.110 ng

RT: 11.710 min Scan# 14

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

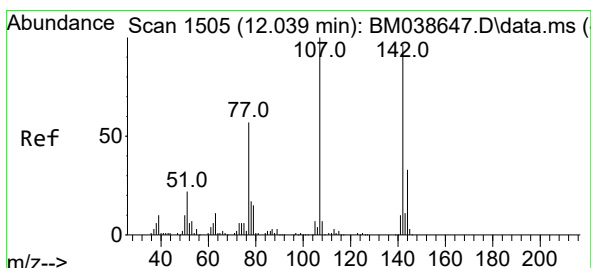
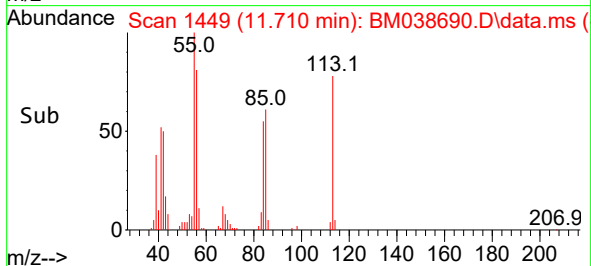
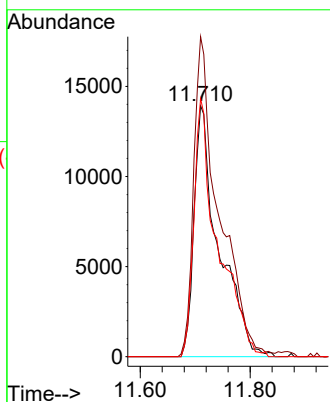
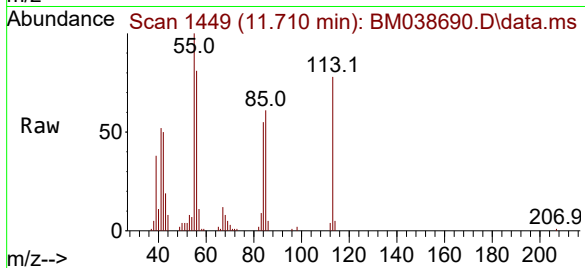
Tgt Ion:113 Resp: 43441

Ion Ratio Lower Upper

113 100

55 127.5 111.2 151.2

56 102.9 82.0 122.0



#36

4-Chloro-3-methylphenol

Concen: 45.359 ng

RT: 12.039 min Scan# 1505

Delta R.T. 0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

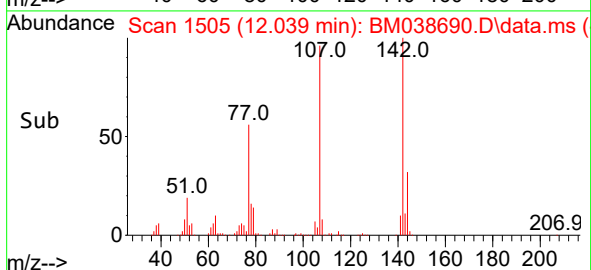
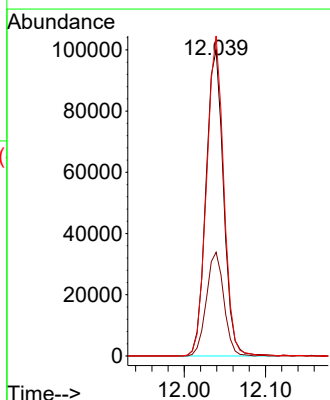
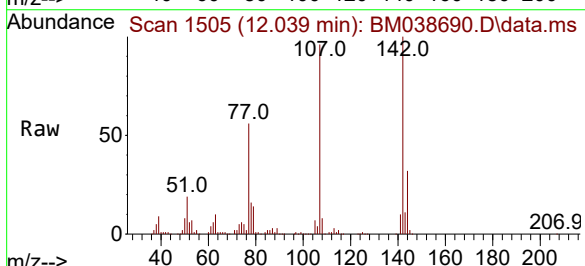
Tgt Ion:107 Resp: 149975

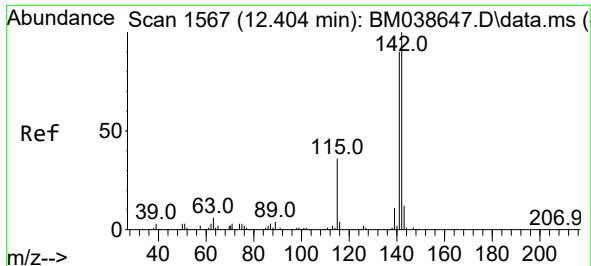
Ion Ratio Lower Upper

107 100

144 33.9 26.5 39.7

142 104.5 77.0 115.6

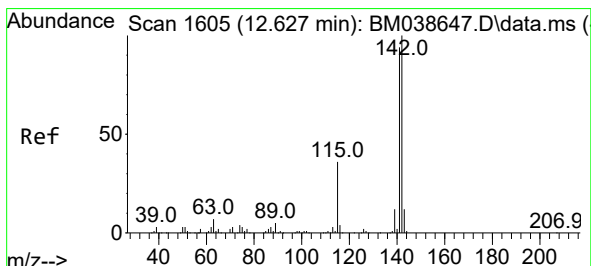
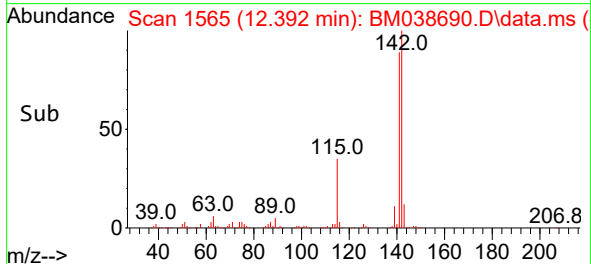
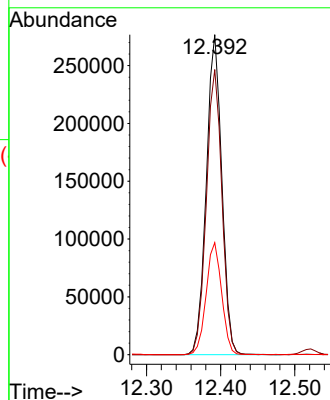
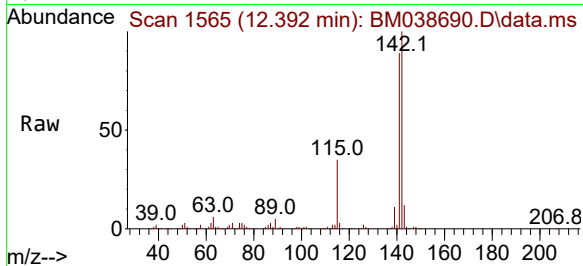




#37
2-Methylnaphthalene
Concen: 44.169 ng
RT: 12.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

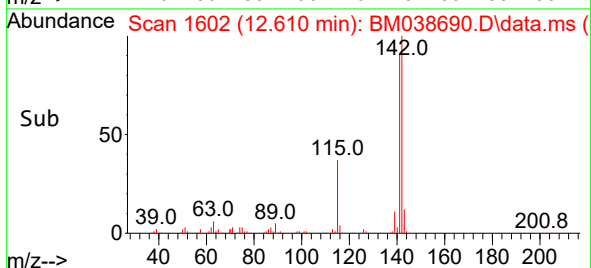
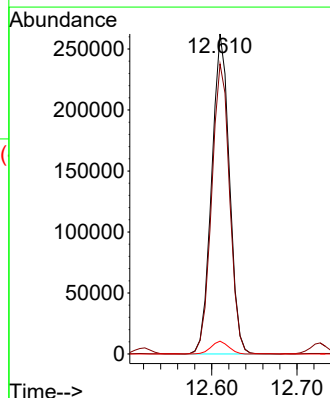
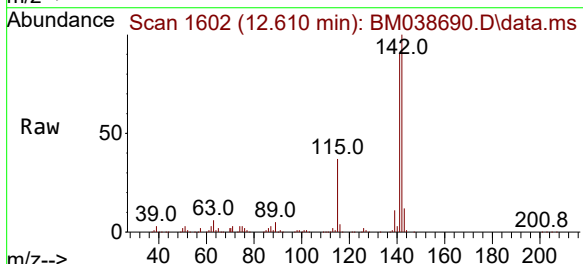
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

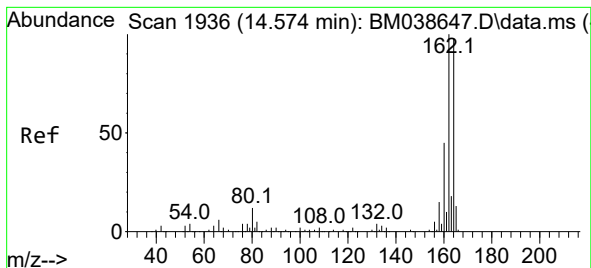
Tgt Ion:142 Resp: 401823
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.8
115 35.0 28.7 43.1



#38
1-Methylnaphthalene
Concen: 44.458 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:142 Resp: 381107
Ion Ratio Lower Upper
142 100
141 90.6 75.5 113.3
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

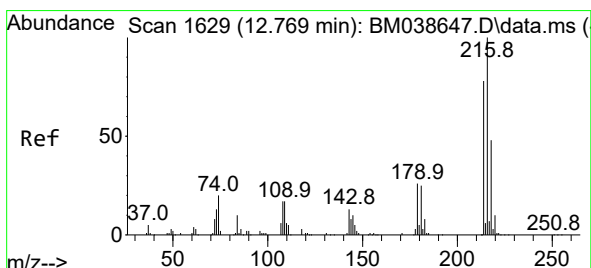
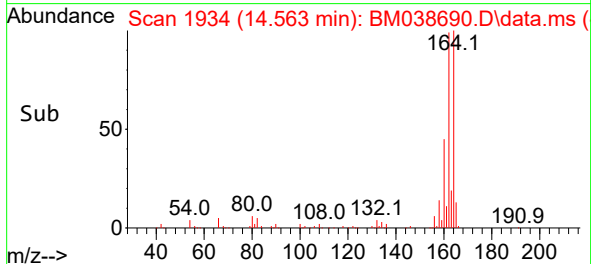
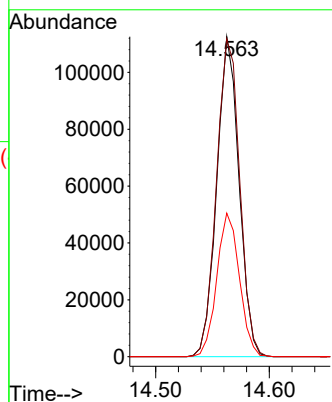
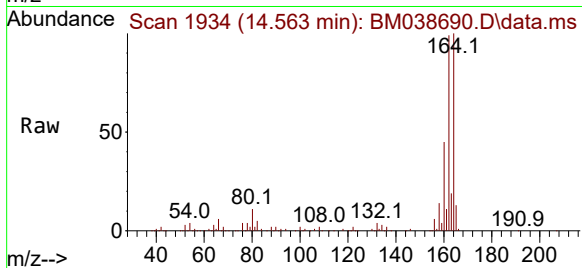
Tgt Ion:164 Resp: 153340

Ion Ratio Lower Upper

164 100

162 99.3 81.4 122.0

160 44.9 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.000 ng

RT: 12.757 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:216 Resp: 187563

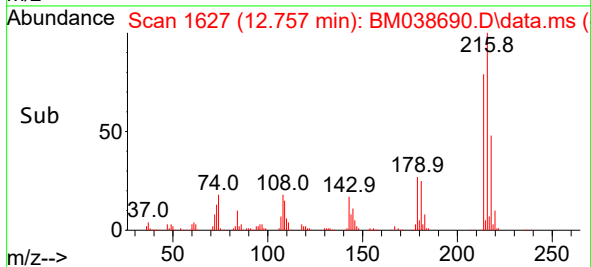
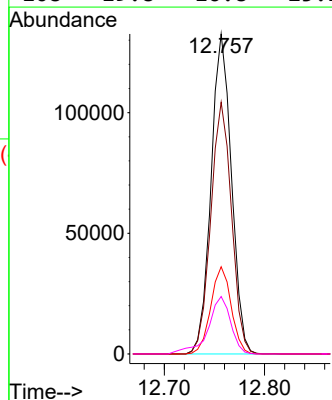
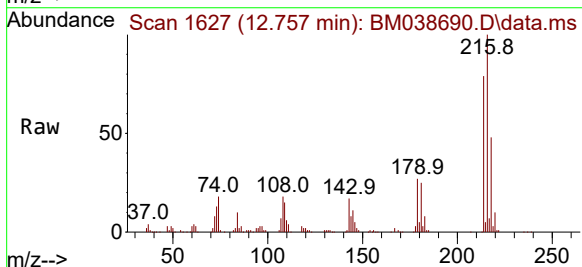
Ion Ratio Lower Upper

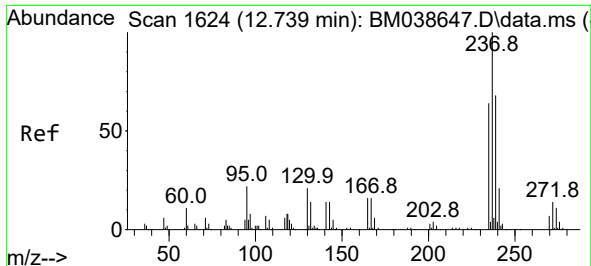
216 100

214 79.9 63.4 95.0

179 27.2 21.0 31.4

108 19.8 16.8 25.2

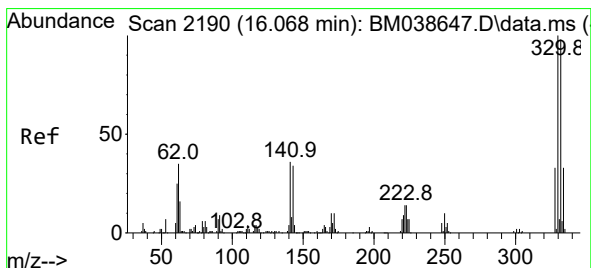
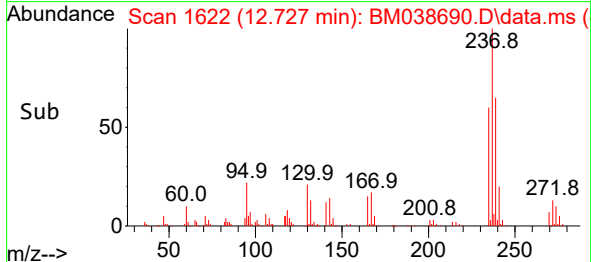
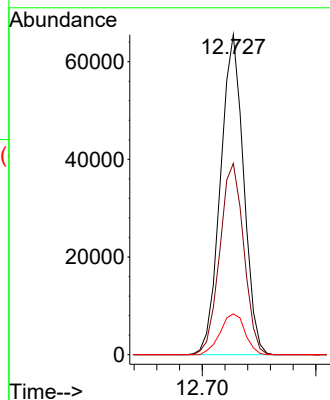
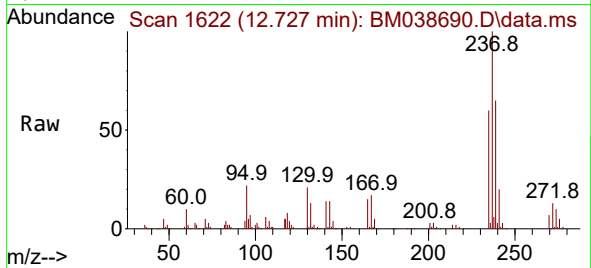




#41
Hexachlorocyclopentadiene
Concen: 37.437 ng
RT: 12.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

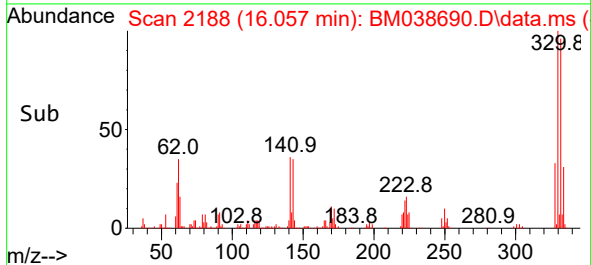
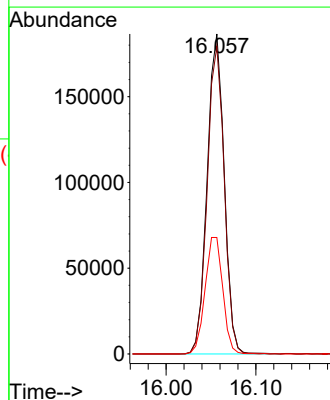
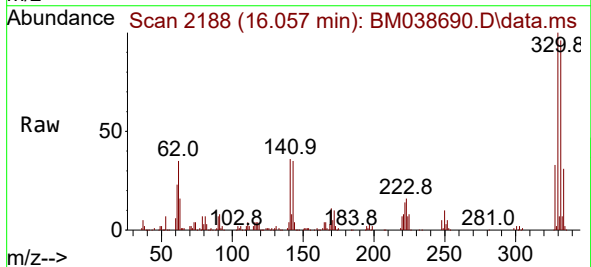
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

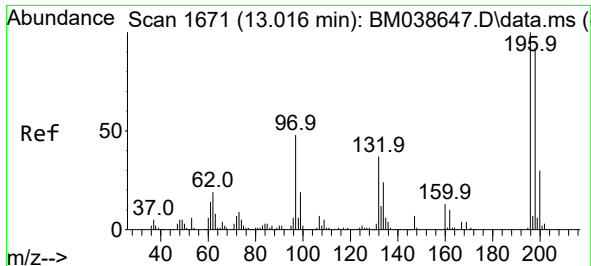
Tgt Ion:237 Resp: 92707
Ion Ratio Lower Upper
237 100
235 59.8 43.8 83.8
272 12.8 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 118.386 ng
RT: 16.057 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:330 Resp: 246743
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 37.8 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 49.144 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

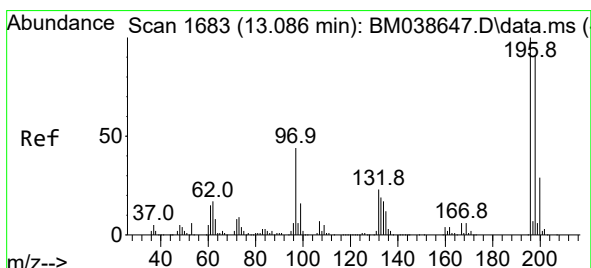
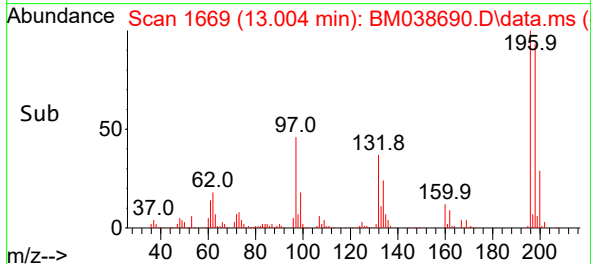
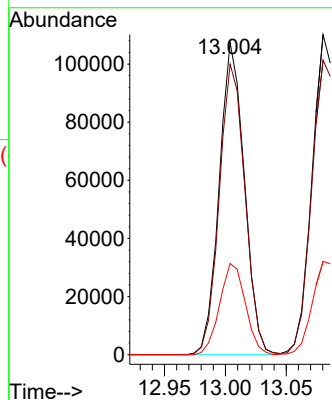
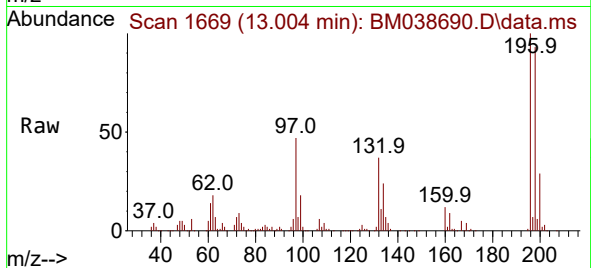
Tgt Ion:196 Resp: 154076

Ion Ratio Lower Upper

196 100

198 93.1 73.7 110.5

200 29.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.399 ng

RT: 13.080 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:196 Resp: 163806

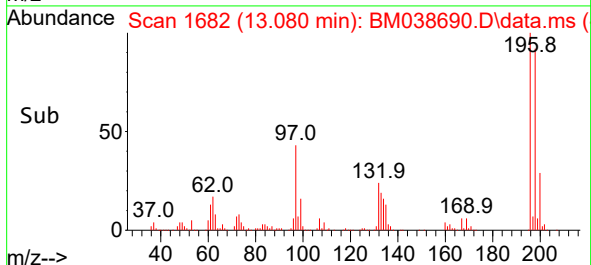
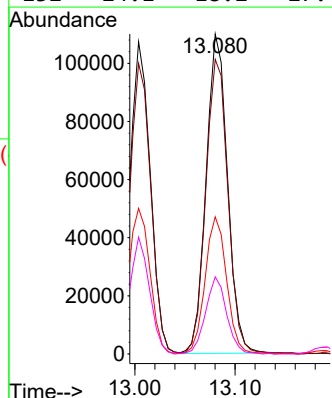
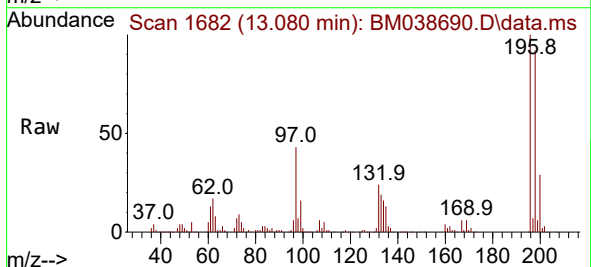
Ion Ratio Lower Upper

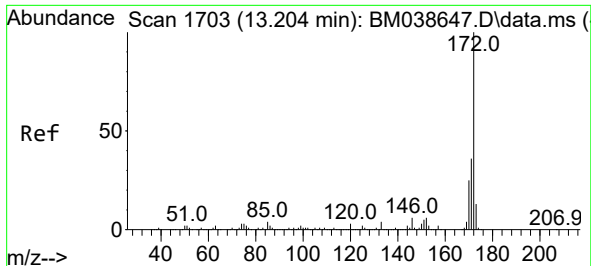
196 100

198 92.1 73.1 109.7

97 42.8 35.5 53.3

132 24.1 18.2 27.4

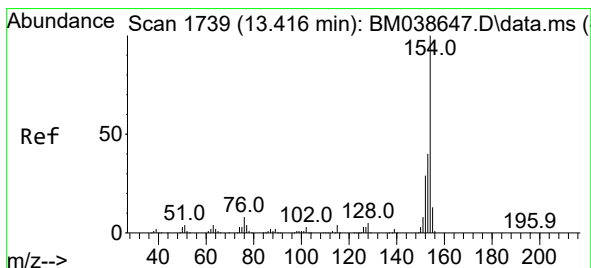
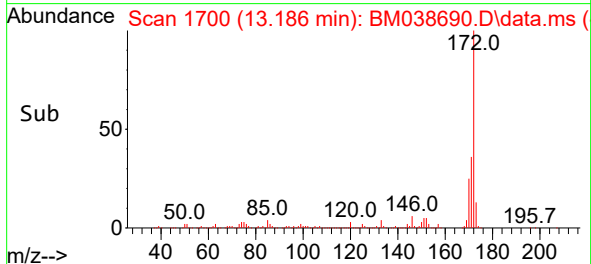
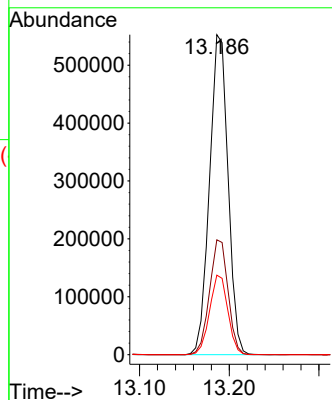
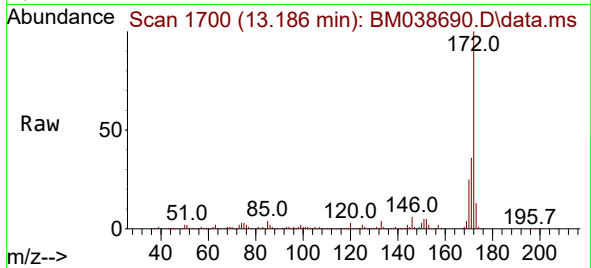




#45
2-Fluorobiphenyl
Concen: 65.650 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

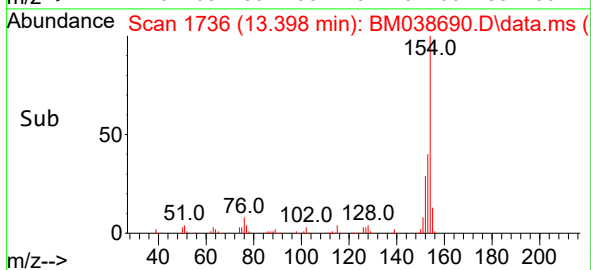
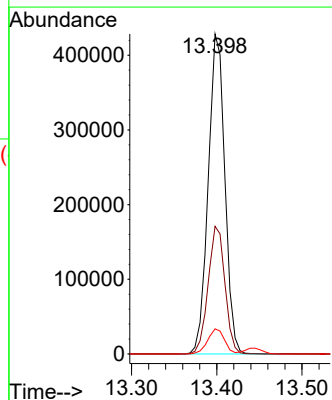
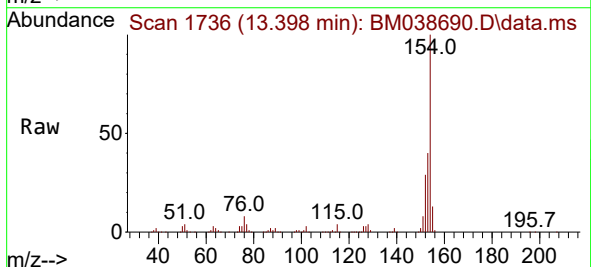
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

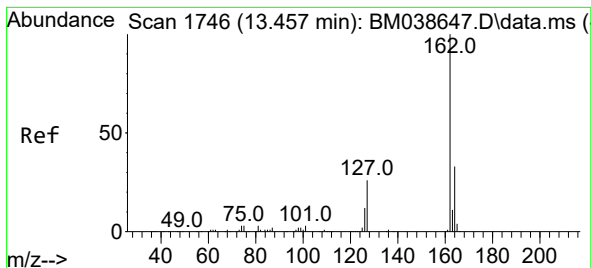
Tgt Ion:172 Resp: 790735
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 47.941 ng
RT: 13.398 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:154 Resp: 582322
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 7.9 0.0 27.9





#47

2-Chloronaphthalene

Concen: 49.664 ng

RT: 13.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

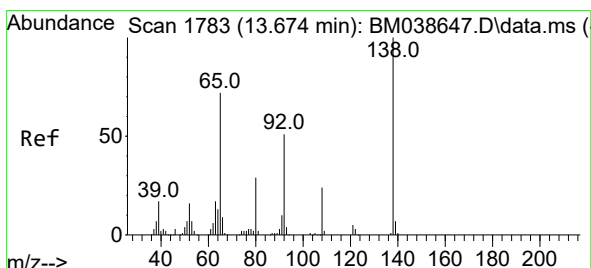
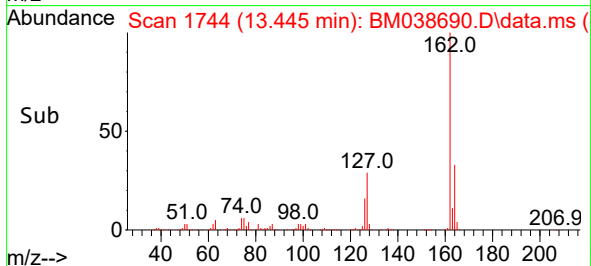
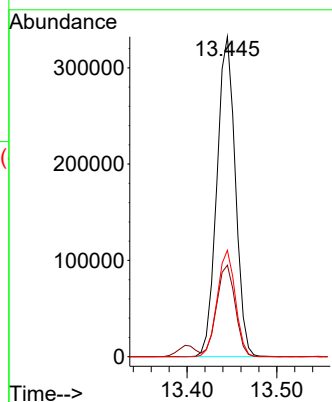
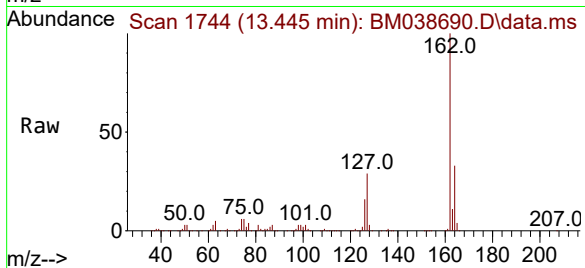
Tgt Ion:162 Resp: 474690

Ion Ratio Lower Upper

162 100

127 28.6 23.6 35.4

164 33.3 26.7 40.1



#48

2-Nitroaniline

Concen: 42.397 ng

RT: 13.663 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

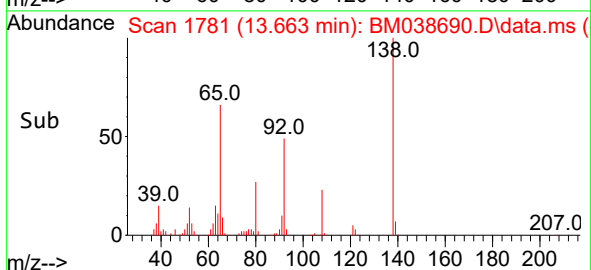
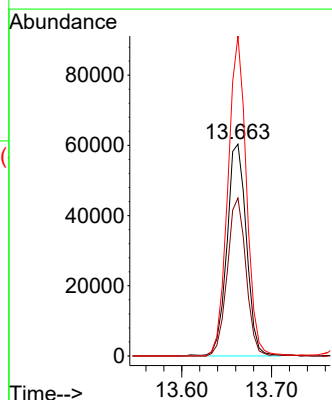
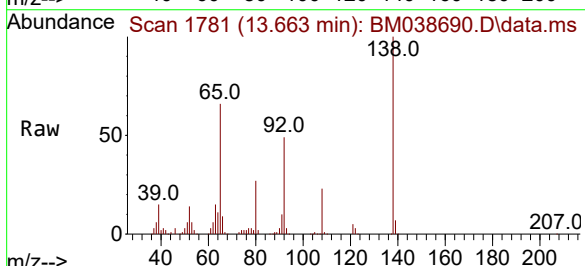
Tgt Ion: 65 Resp: 90882

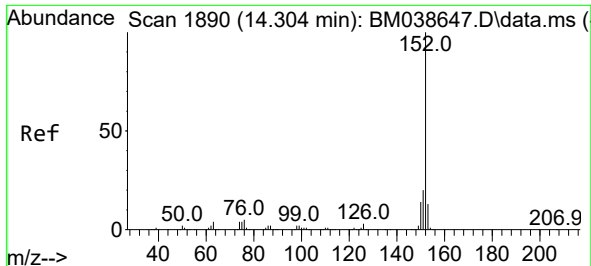
Ion Ratio Lower Upper

65 100

92 74.6 55.9 83.9

138 151.1 110.6 166.0

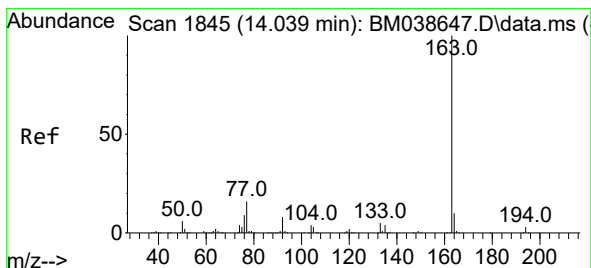
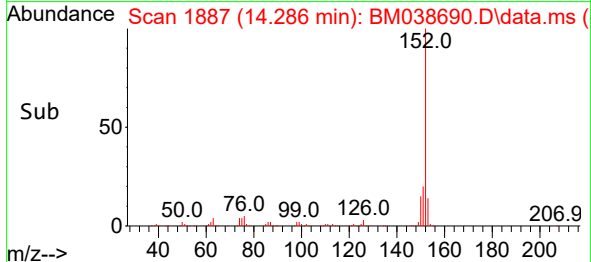
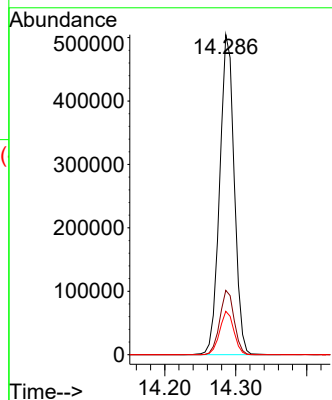
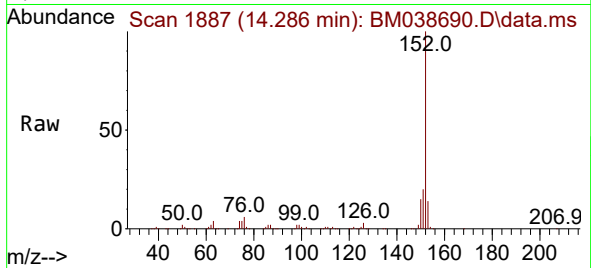




#49
Acenaphthylene
Concen: 47.421 ng
RT: 14.286 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

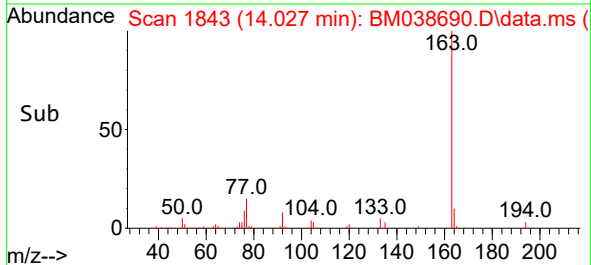
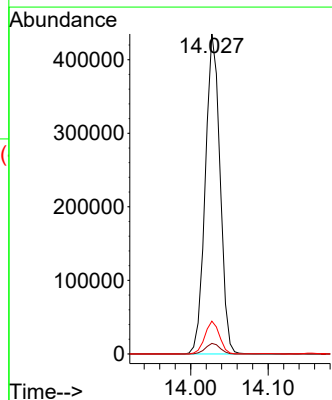
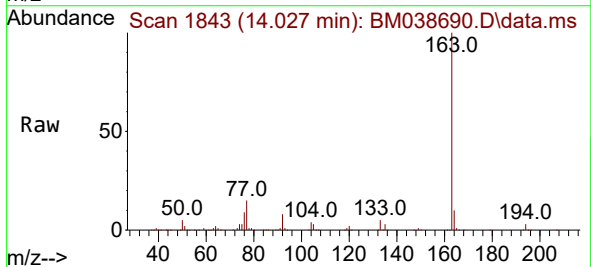
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

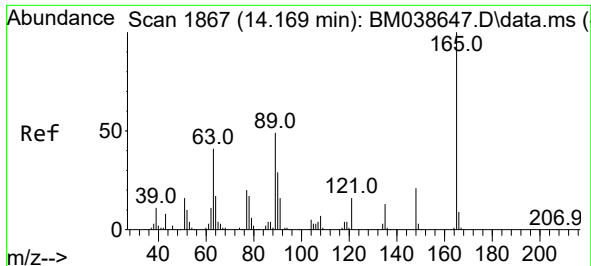
Tgt Ion:152 Resp: 713908
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.5 10.0 15.0



#50
Dimethylphthalate
Concen: 45.914 ng
RT: 14.027 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:163 Resp: 574534
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.2 12.4

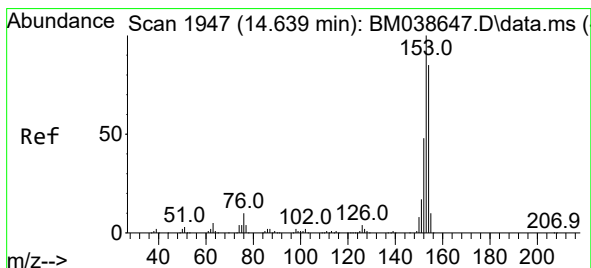
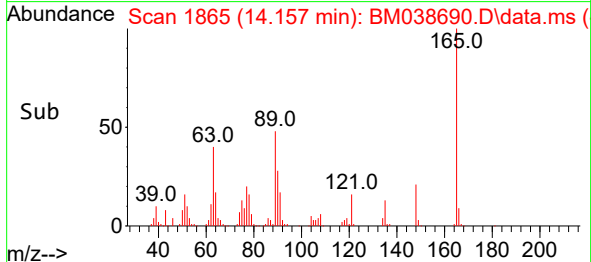
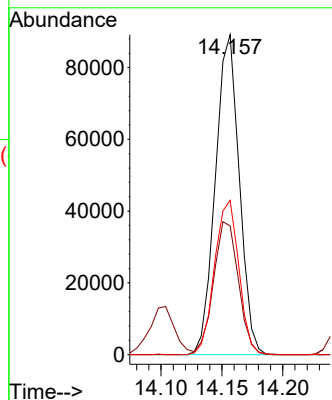
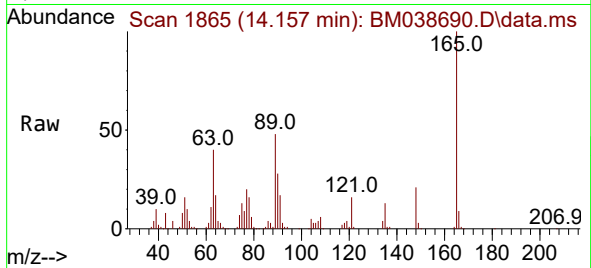




#51
2,6-Dinitrotoluene
Concen: 47.844 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

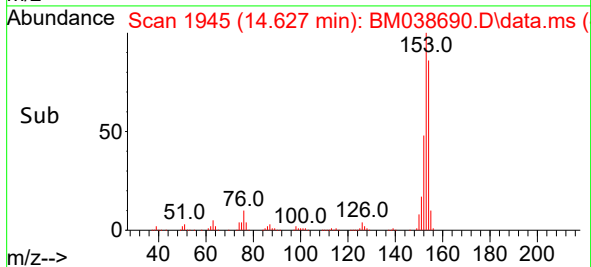
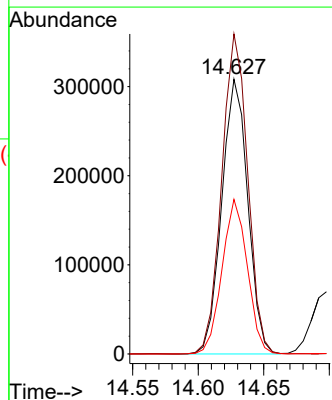
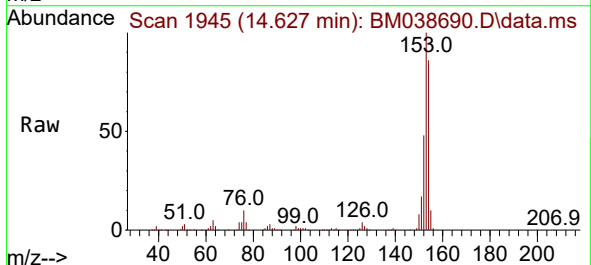
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

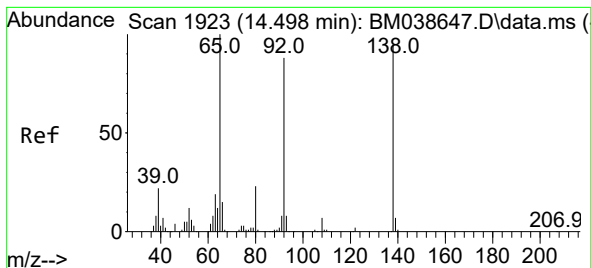
Tgt Ion:165 Resp: 121683
Ion Ratio Lower Upper
165 100
63 40.2 35.8 53.8
89 48.3 39.3 58.9



#52
Acenaphthene
Concen: 47.330 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:154 Resp: 425455
Ion Ratio Lower Upper
154 100
153 116.5 93.7 140.5
152 56.2 44.6 67.0

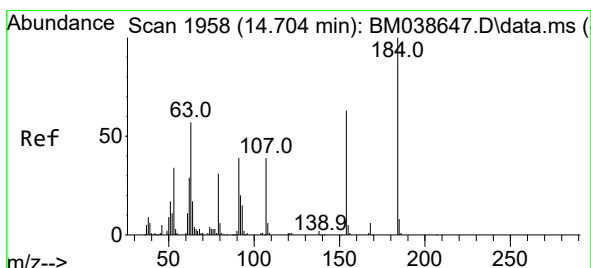
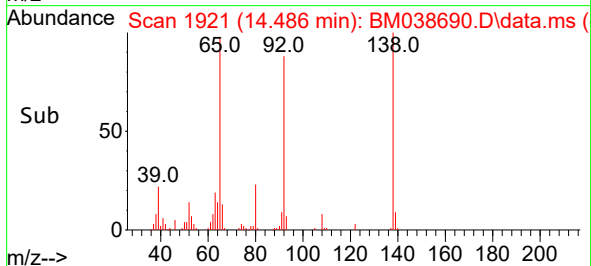
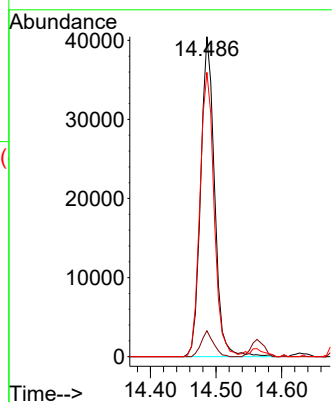
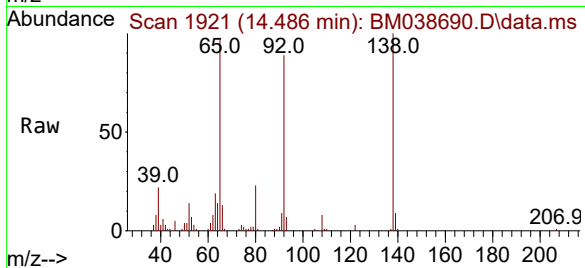




#53
3-Nitroaniline
Concen: 23.292 ng
RT: 14.486 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

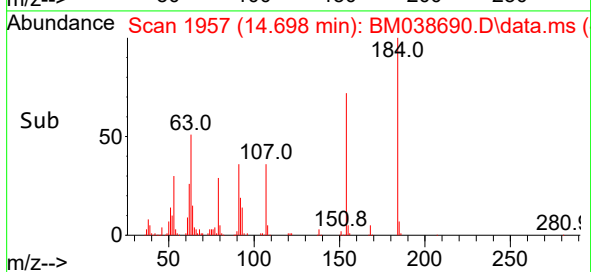
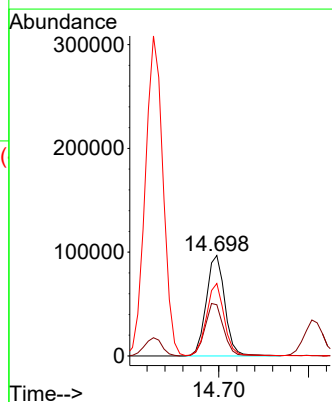
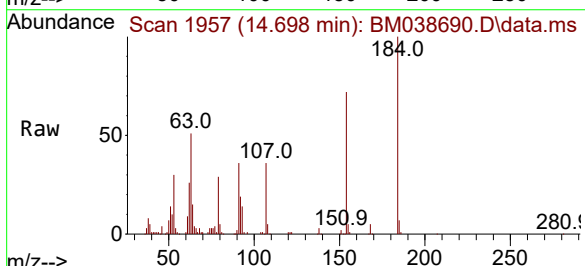
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

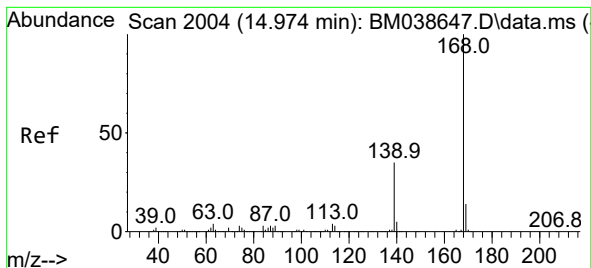
Tgt Ion:138 Resp: 59688
Ion Ratio Lower Upper
138 100
108 8.1 5.8 8.8
92 88.9 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 84.035 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:184 Resp: 139115
Ion Ratio Lower Upper
184 100
63 51.0 45.9 68.9
154 72.1 54.9 82.3





#55

Dibenzenofuran

Concen: 45.966 ng

RT: 14.962 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

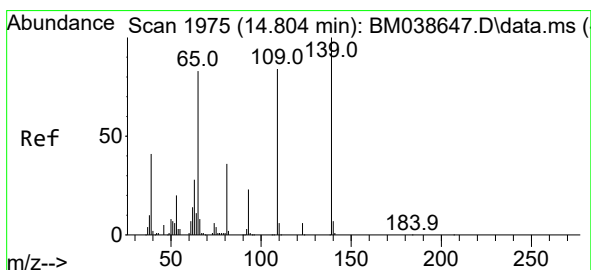
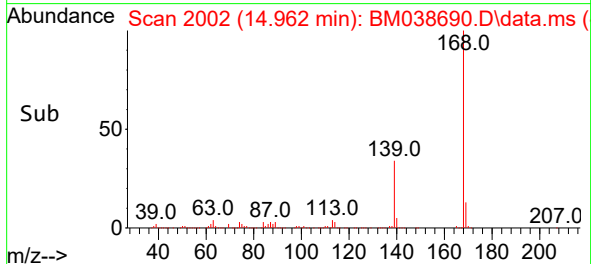
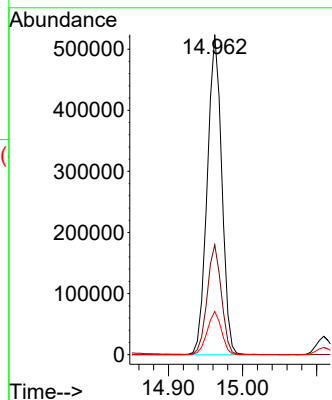
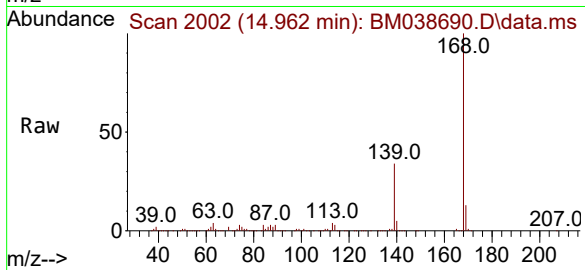
Tgt Ion:168 Resp: 711538

Ion Ratio Lower Upper

168 100

139 34.3 27.8 41.6

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 100.162 ng

RT: 14.804 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

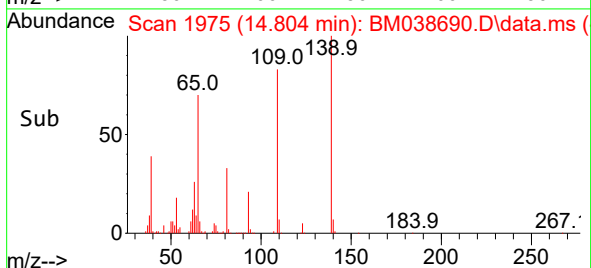
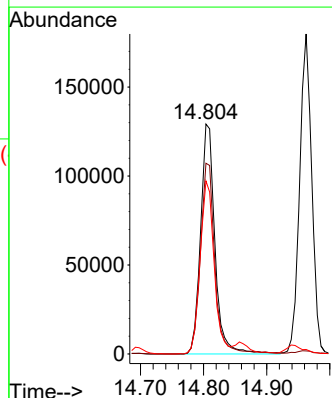
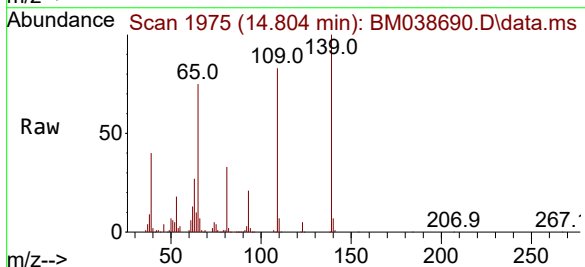
Tgt Ion:139 Resp: 204309

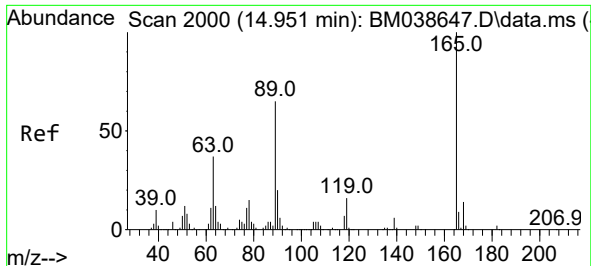
Ion Ratio Lower Upper

139 100

109 83.0 63.8 103.8

65 75.2 62.5 102.5

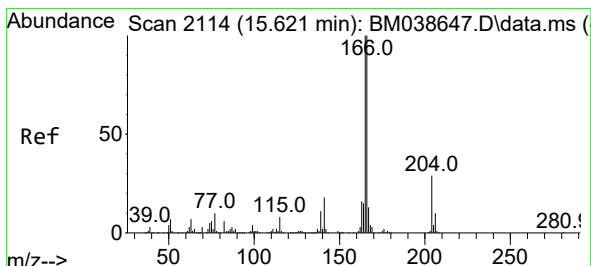
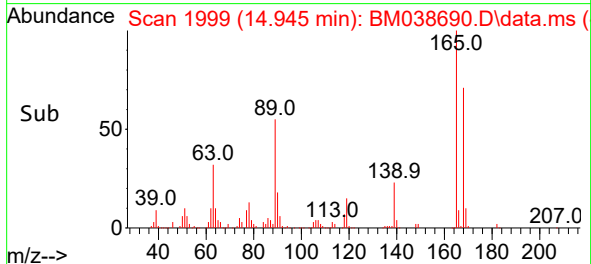
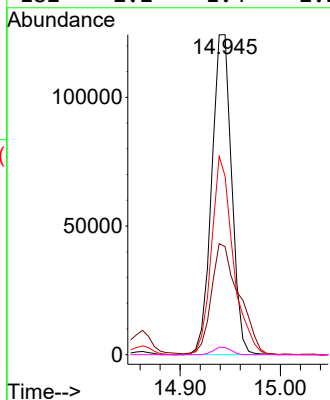
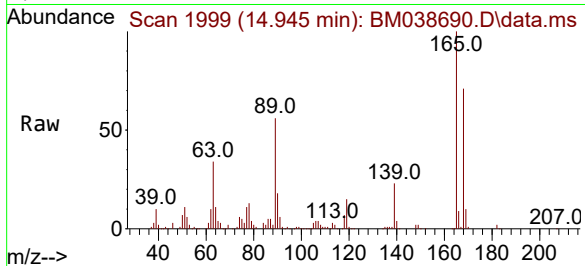




#57
2,4-Dinitrotoluene
Concen: 45.841 ng
RT: 14.945 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

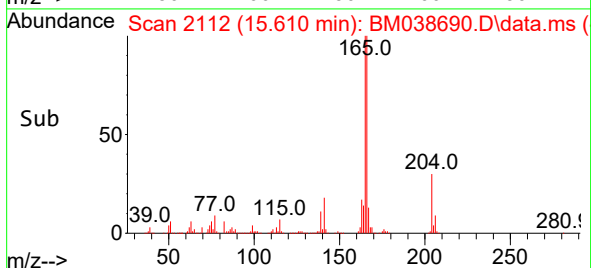
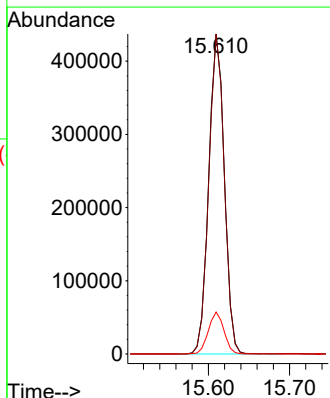
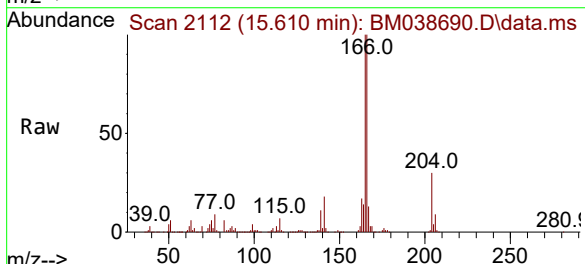
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

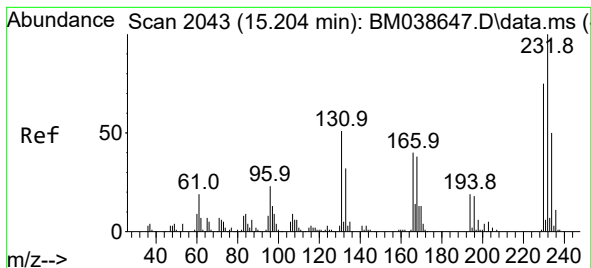
Tgt Ion:165 Resp: 171748
Ion Ratio Lower Upper
165 100
63 33.8 29.4 44.0
89 55.8 51.8 77.6
182 2.2 1.4 2.2#



#58
Fluorene
Concen: 47.576 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:166 Resp: 582709
Ion Ratio Lower Upper
166 100
165 100.2 80.2 120.4
167 13.1 10.7 16.1

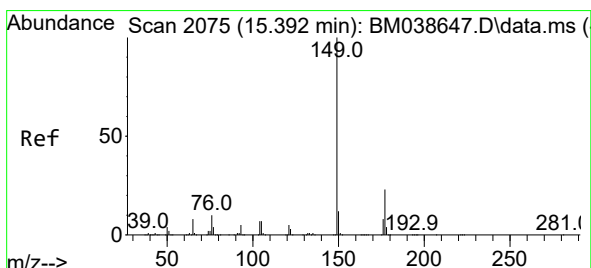
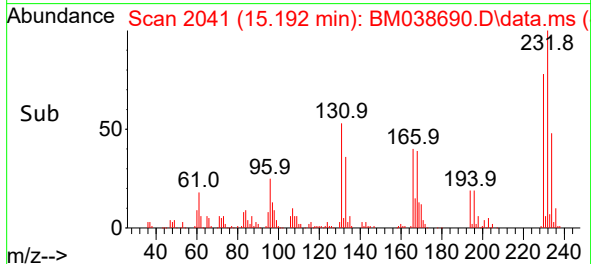
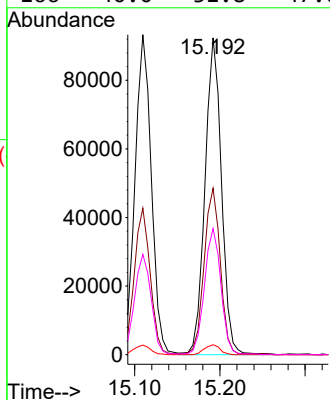
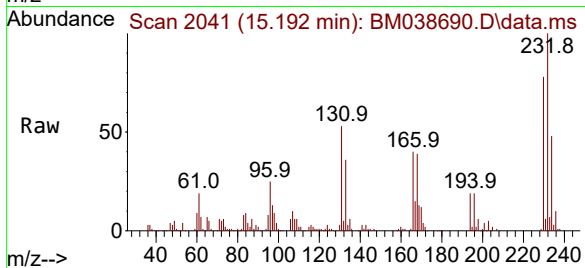




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.482 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

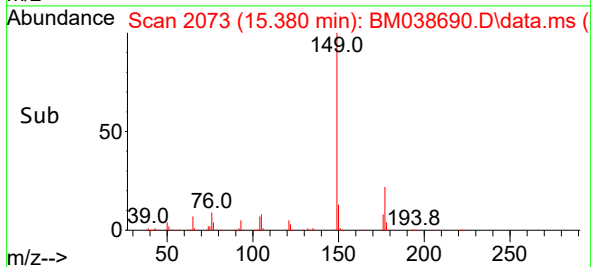
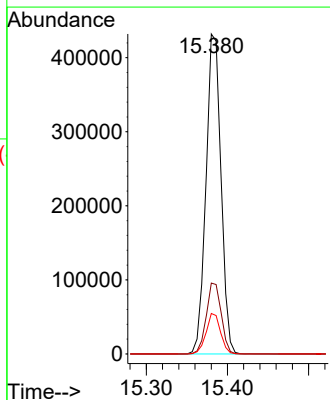
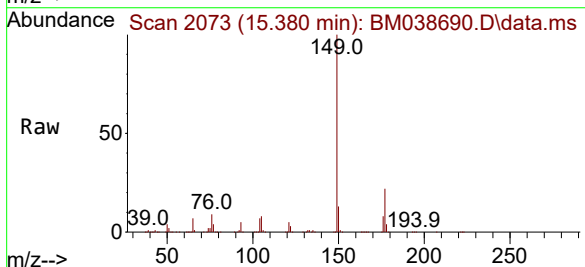
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

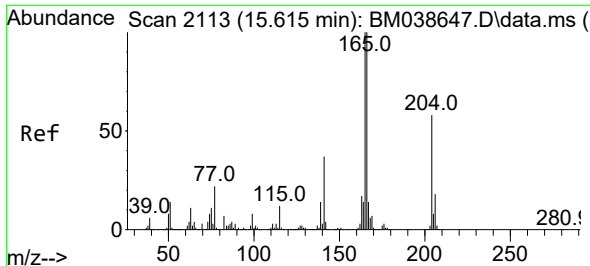
Tgt Ion:232 Resp: 124490
Ion Ratio Lower Upper
232 100
131 51.2 41.2 61.8
130 3.0 2.4 3.6
166 40.0 31.8 47.6



#60
Diethylphthalate
Concen: 46.674 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:149 Resp: 553300
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 10.0 15.0

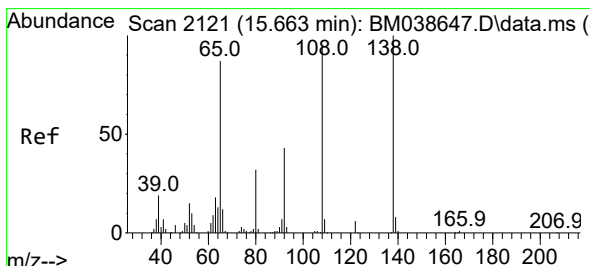
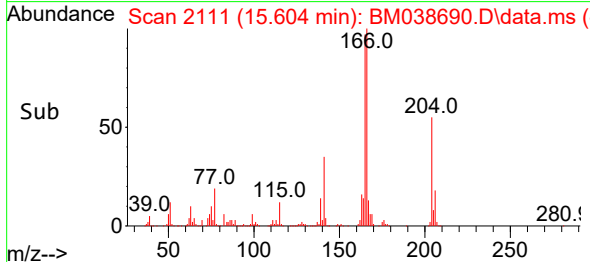
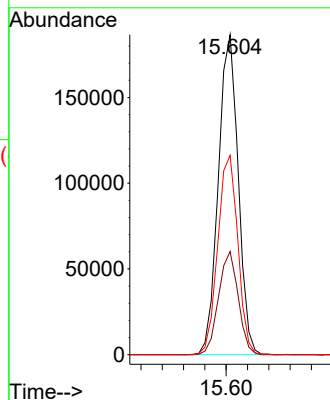
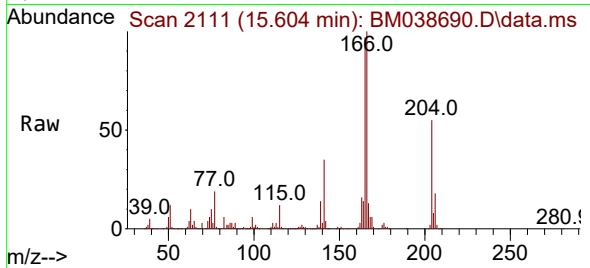




#61
4-Chlorophenyl-phenylether
Concen: 46.377 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

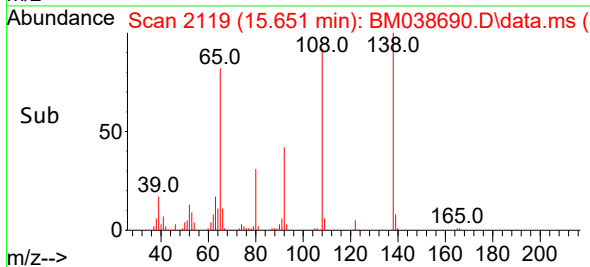
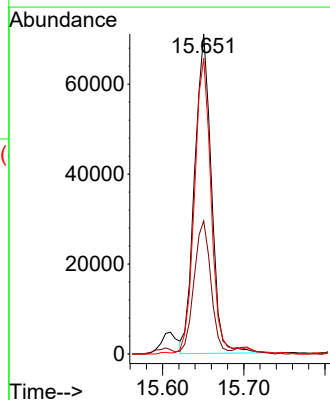
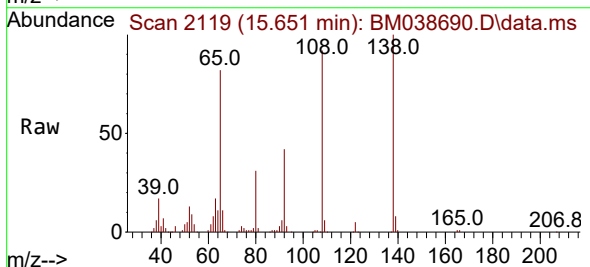
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

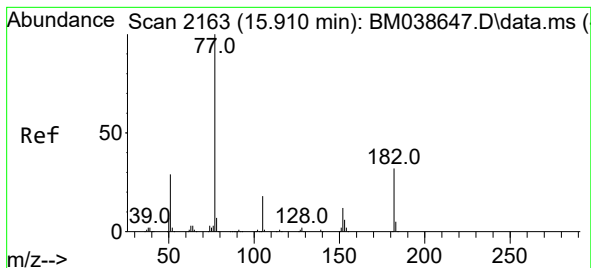
Tgt Ion:204 Resp: 240978
Ion Ratio Lower Upper
204 100
206 32.3 25.3 37.9
141 62.3 51.3 76.9



#62
4-Nitroaniline
Concen: 37.756 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:138 Resp: 102043
Ion Ratio Lower Upper
138 100
92 41.6 23.4 63.4
108 92.3 75.1 115.1





#63

Azobenzene

Concen: 46.051 ng

RT: 15.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038690.D

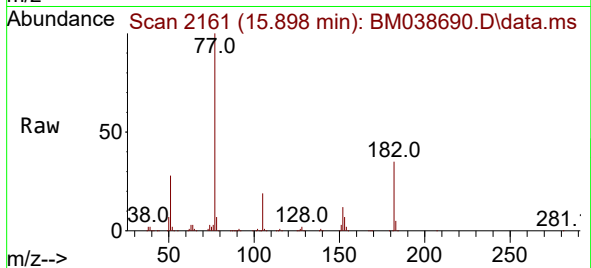
Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS



Tgt Ion: 77 Resp: 420011

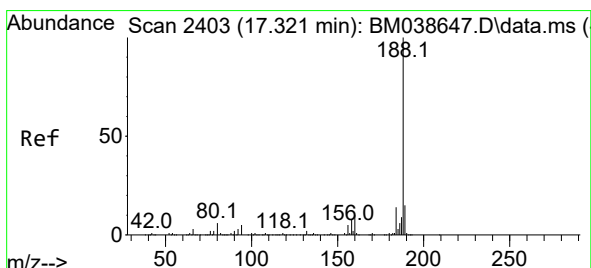
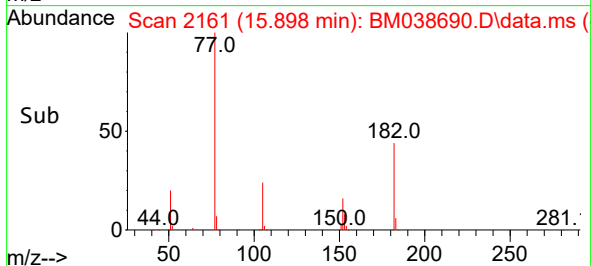
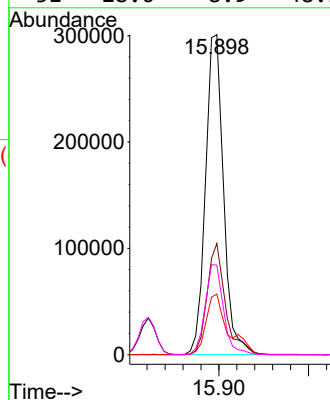
Ion Ratio Lower Upper

77 100

182 34.8 12.0 52.0

105 19.0 0.0 37.5

51 28.0 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

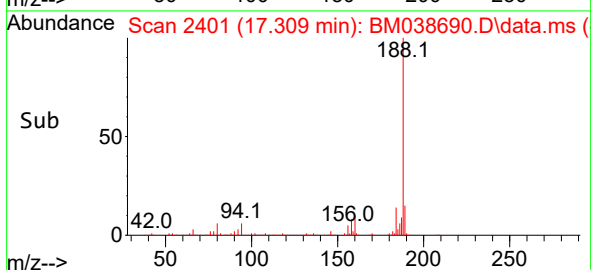
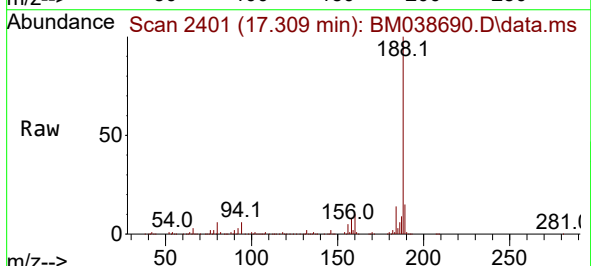
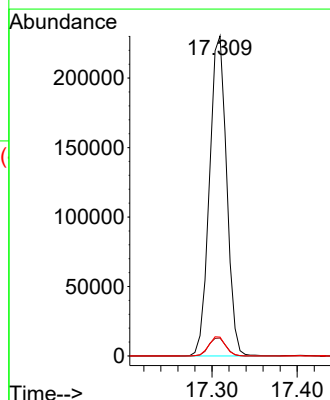
Tgt Ion:188 Resp: 322120

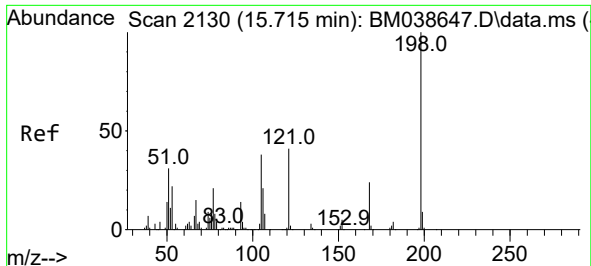
Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

80 5.9 4.6 7.0

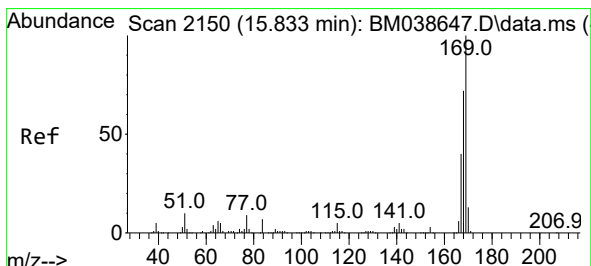
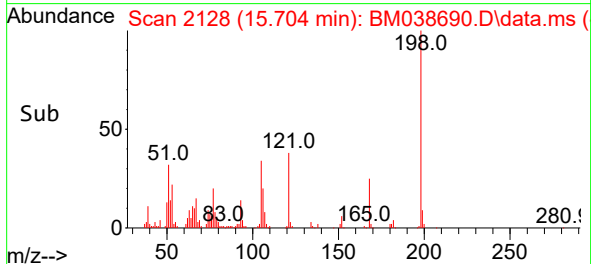
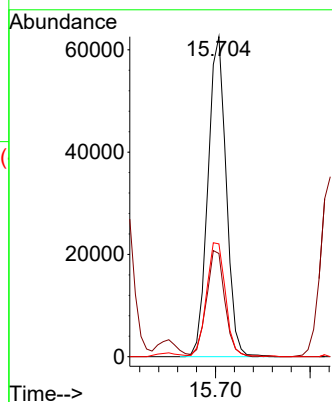
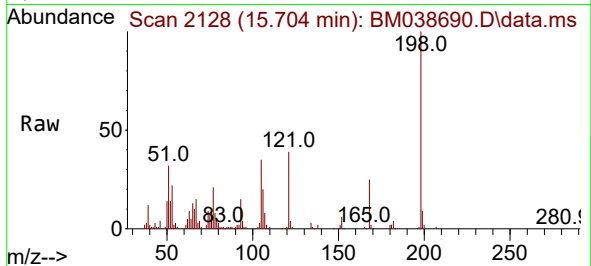




#65
4,6-Dinitro-2-methylphenol
Concen: 41.336 ng
RT: 15.704 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

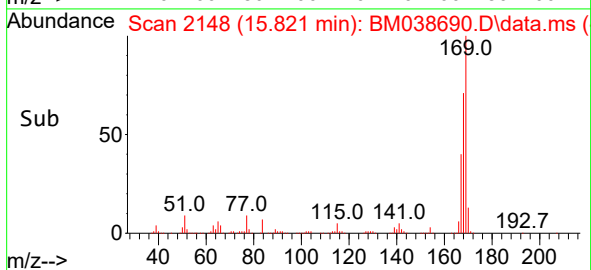
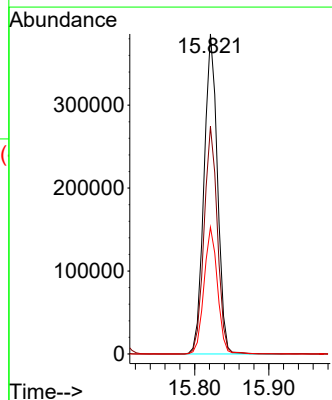
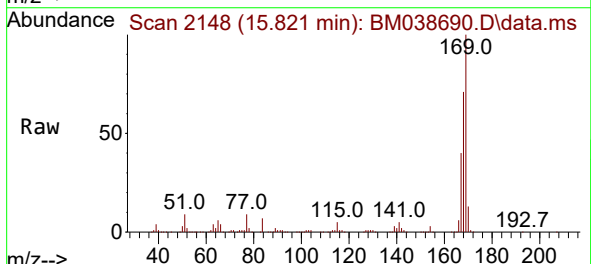
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

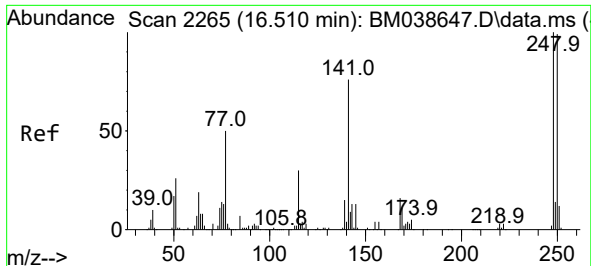
Tgt Ion:198 Resp: 83821
Ion Ratio Lower Upper
198 100
51 32.2 13.0 53.0
105 35.2 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 46.208 ng
RT: 15.821 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:169 Resp: 486005
Ion Ratio Lower Upper
169 100
168 71.1 57.6 86.4
167 39.6 32.3 48.5

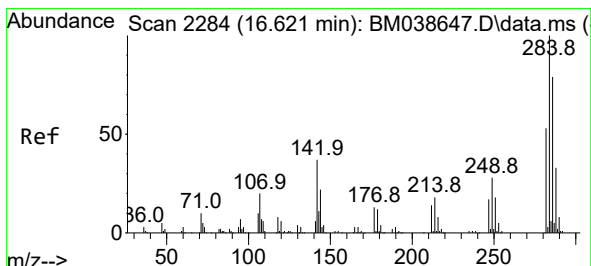
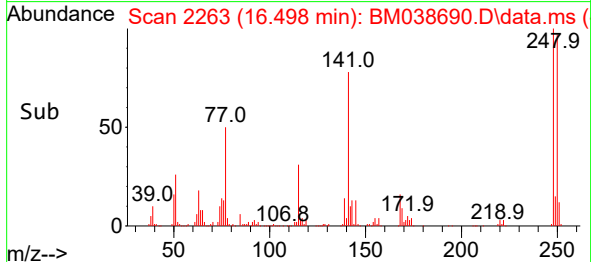
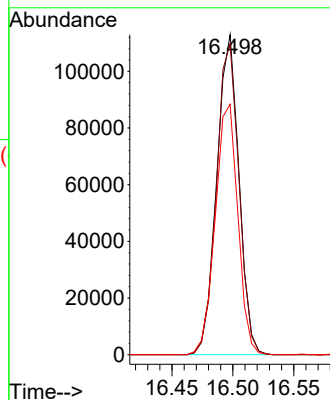
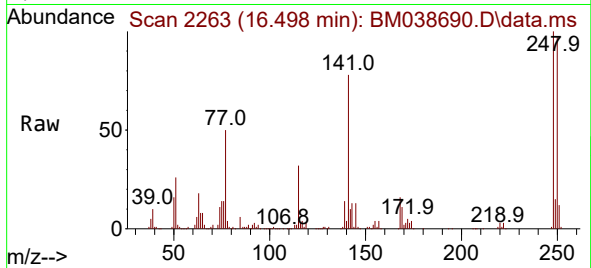




#67
4-Bromophenyl-phenylether
Concen: 46.127 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

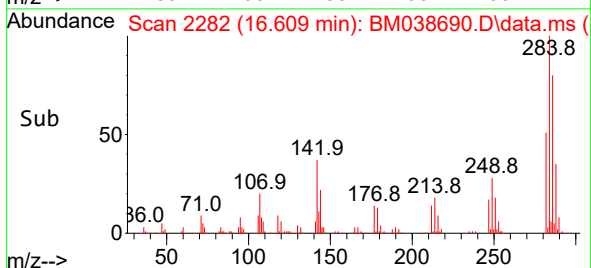
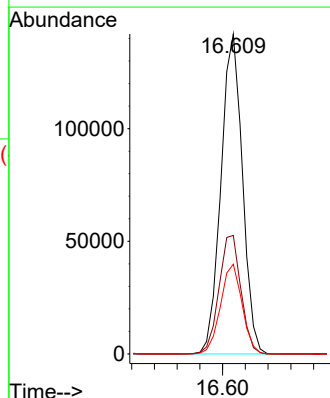
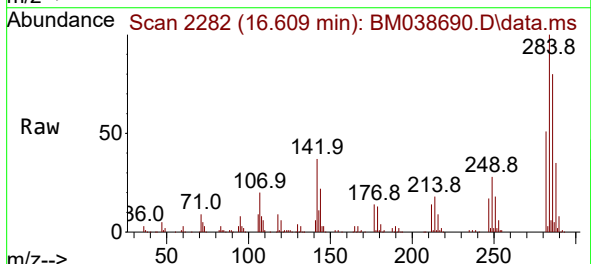
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

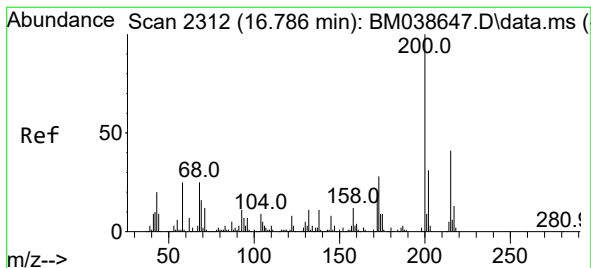
Tgt Ion:248 Resp: 143468
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 78.2 61.0 91.6



#68
Hexachlorobenzene
Concen: 49.004 ng
RT: 16.609 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:284 Resp: 186274
Ion Ratio Lower Upper
284 100
142 37.1 29.8 44.6
249 28.1 22.2 33.4





#69

Atrazine

Concen: 50.973 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

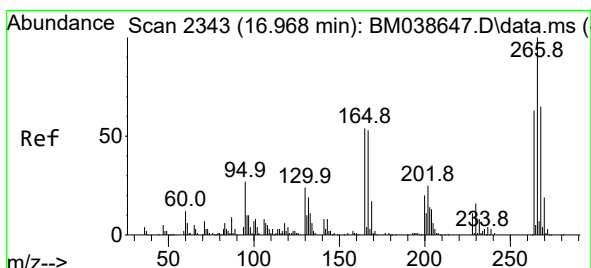
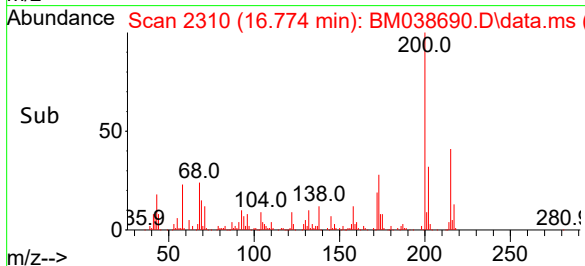
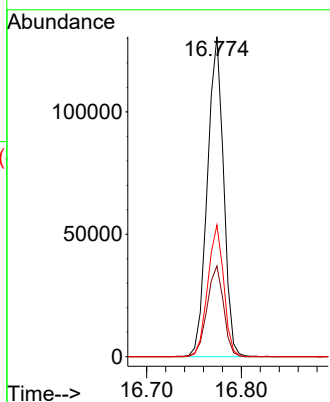
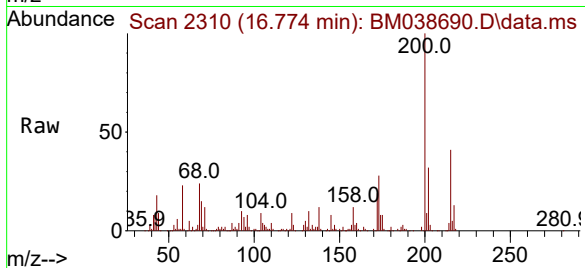
Tgt Ion:200 Resp: 155386

Ion Ratio Lower Upper

200 100

173 28.4 7.9 47.9

215 41.1 20.8 60.8



#70

Pentachlorophenol

Concen: 85.914 ng

RT: 16.962 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

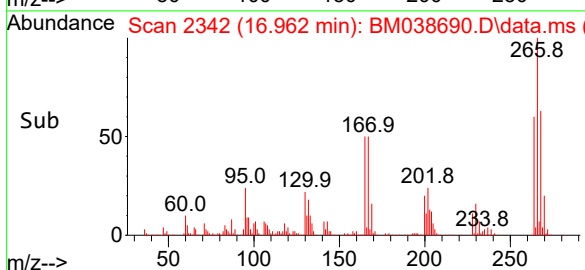
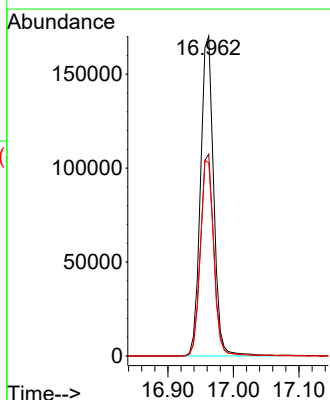
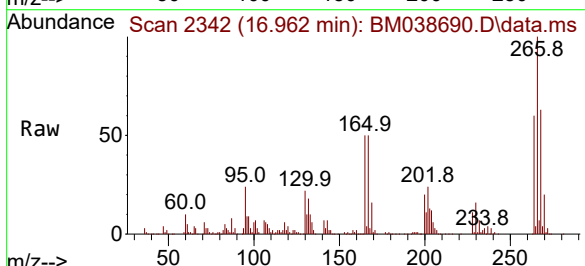
Tgt Ion:266 Resp: 238063

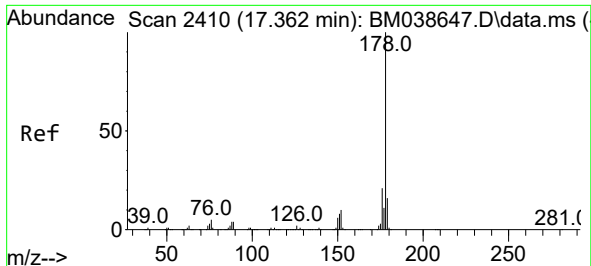
Ion Ratio Lower Upper

266 100

268 63.1 51.8 77.6

264 60.3 50.6 76.0

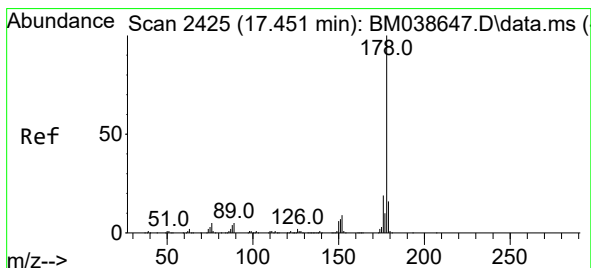
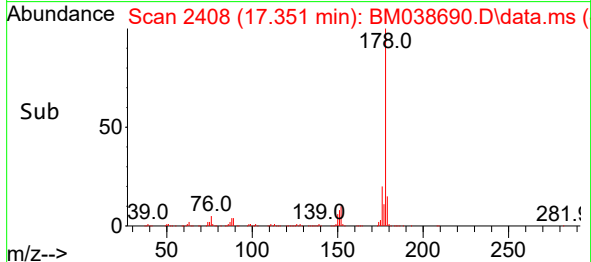
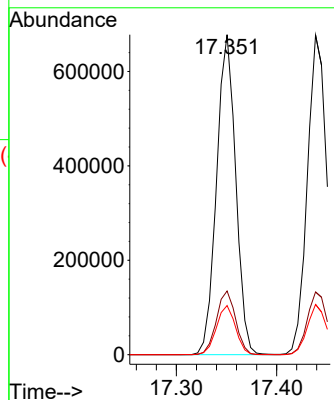
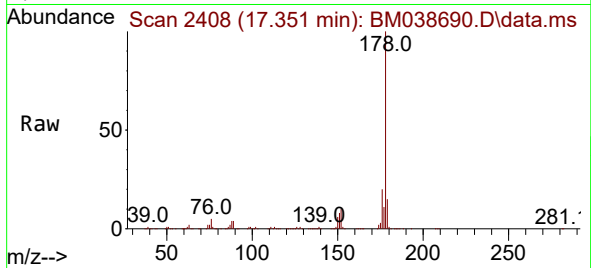




#71
Phenanthrene
Concen: 47.001 ng
RT: 17.351 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

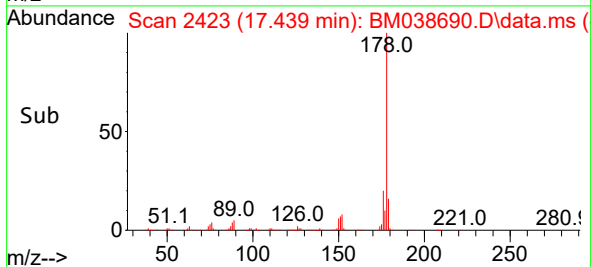
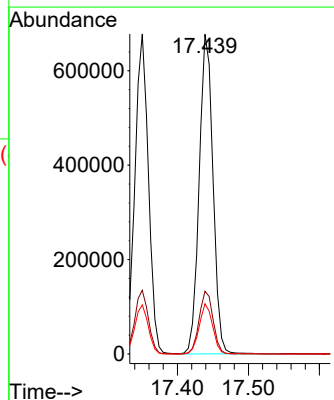
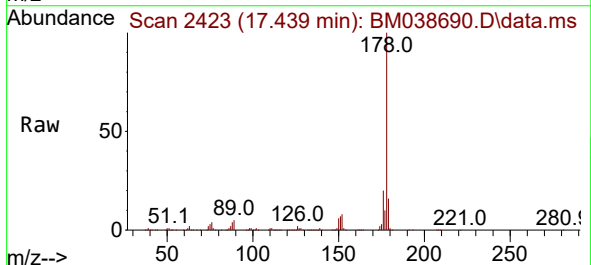
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

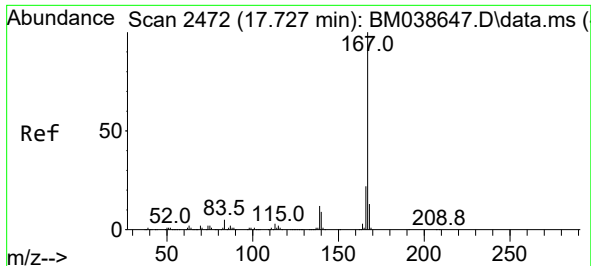
Tgt Ion:178 Resp: 898961
Ion Ratio Lower Upper
178 100
176 19.9 16.7 25.1
179 15.4 12.5 18.7



#72
Anthracene
Concen: 46.837 ng
RT: 17.439 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:178 Resp: 916444
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.4 18.6

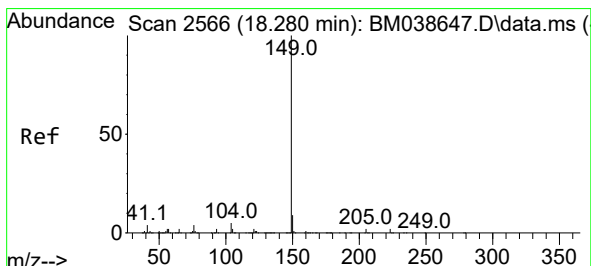
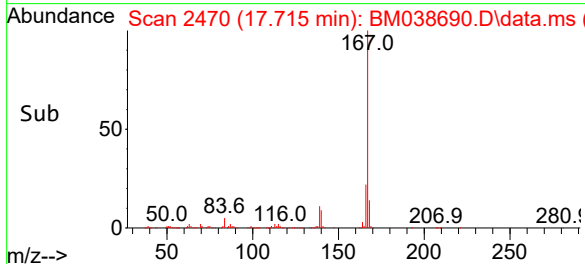
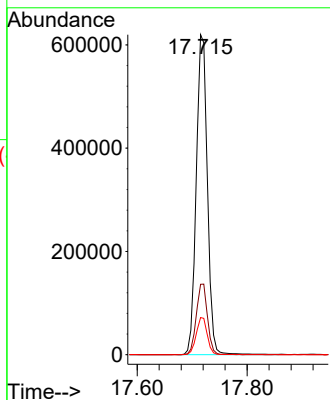
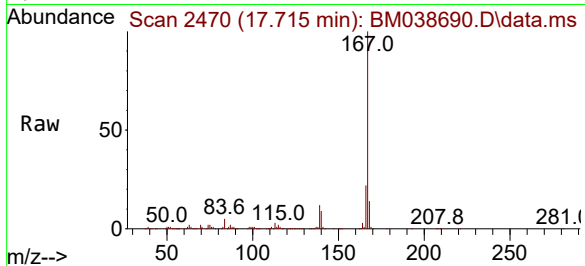




#73
 Carbazole
 Concen: 47.824 ng
 RT: 17.715 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM038690.D
 Acq: 03 Feb 2023 21:49

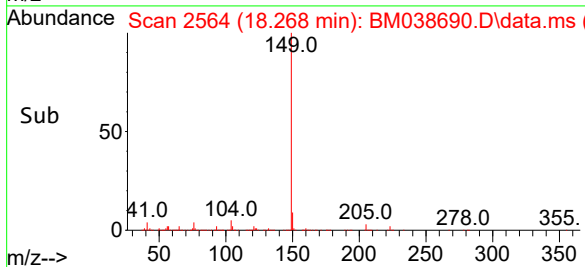
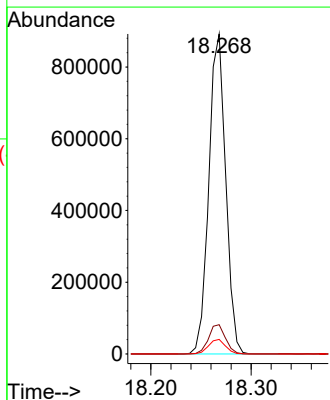
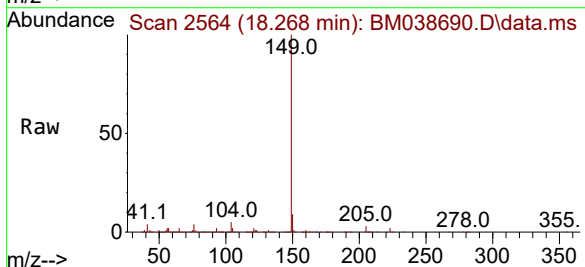
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MS

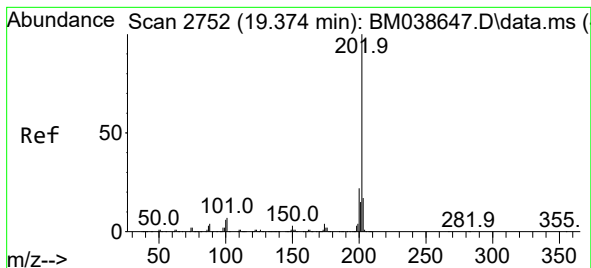
Tgt Ion:167 Resp: 872714
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 11.6 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 50.630 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM038690.D
 Acq: 03 Feb 2023 21:49

Tgt Ion:149 Resp: 1043838
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 47.972 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

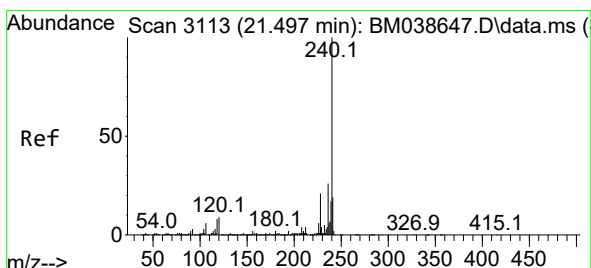
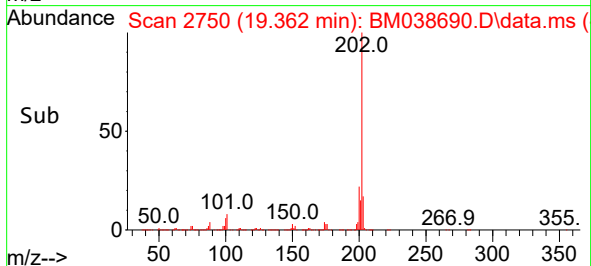
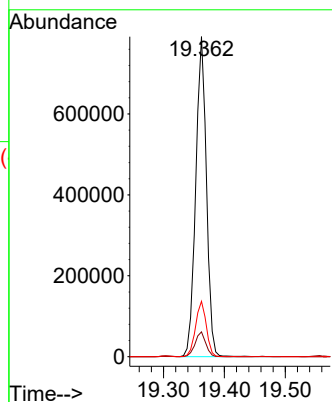
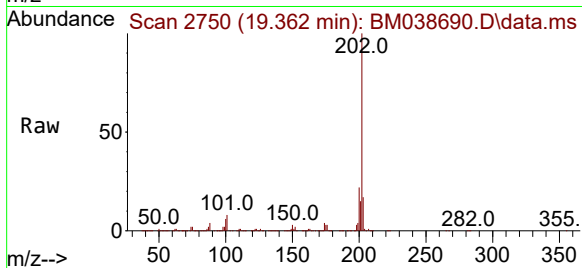
Tgt Ion:202 Resp: 963373

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.4

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

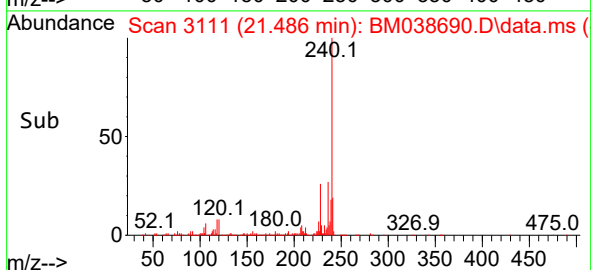
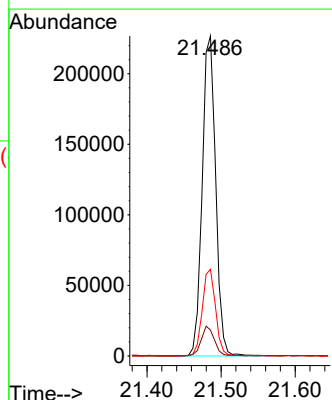
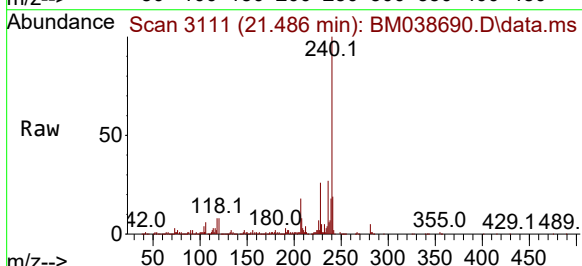
Tgt Ion:240 Resp: 285551

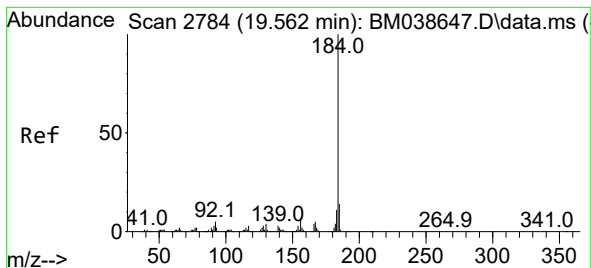
Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.4

236 27.1 20.9 31.3





#77

Benzidine

Concen: 54.755 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

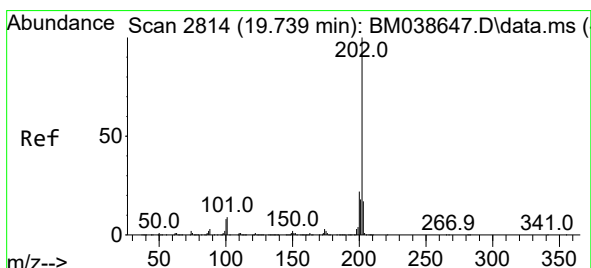
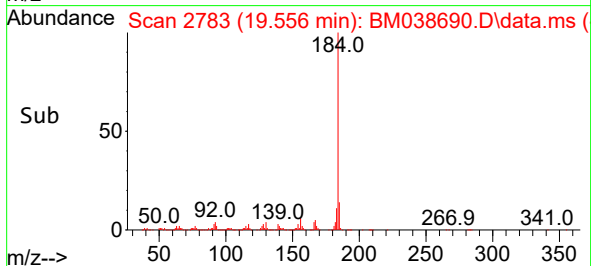
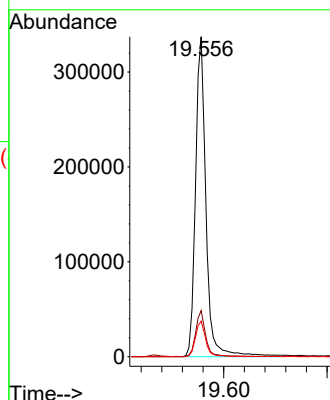
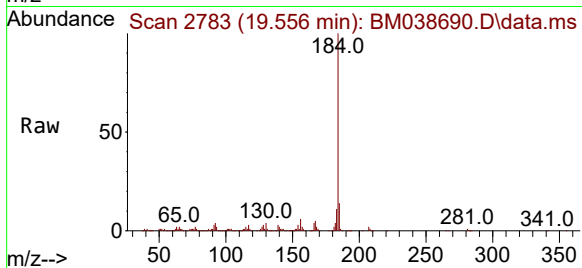
Tgt Ion:184 Resp: 473768

Ion Ratio Lower Upper

184 100

185 14.4 10.8 16.2

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.611 ng

RT: 19.727 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

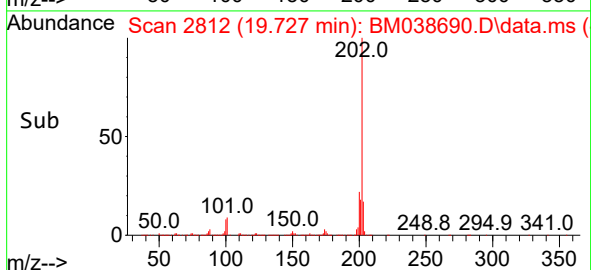
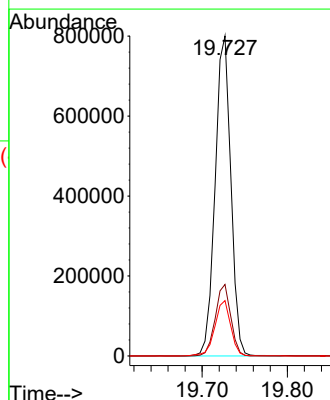
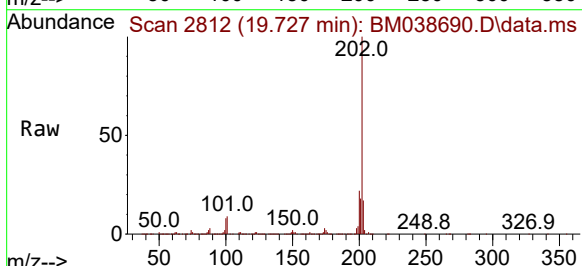
Tgt Ion:202 Resp: 1024731

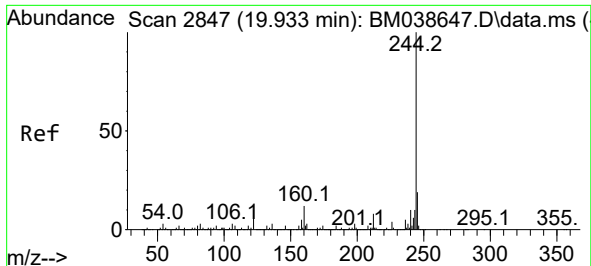
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 17.3 13.5 20.3

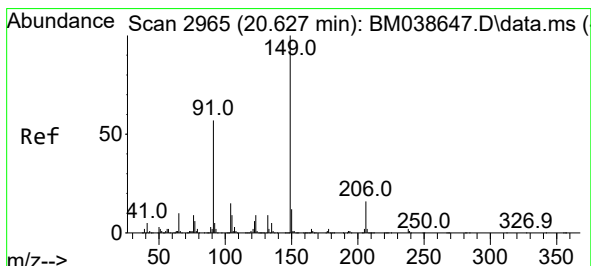
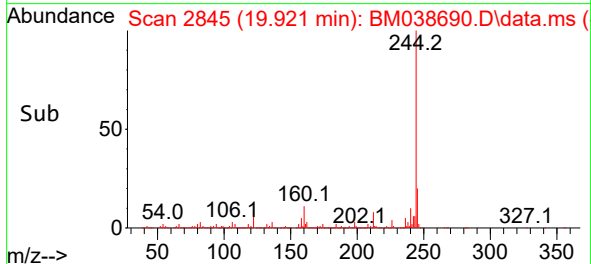
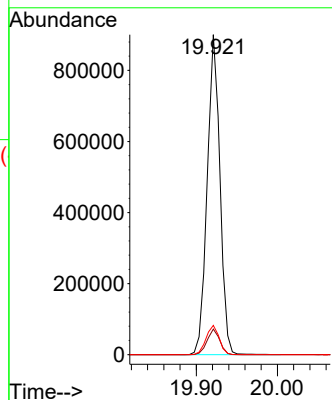
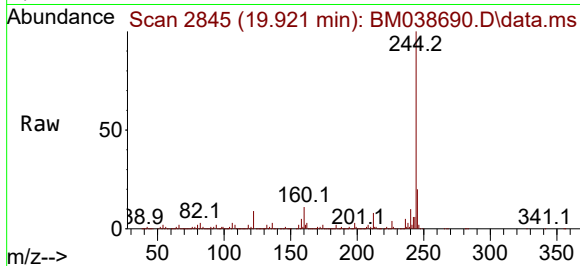




#79
 Terphenyl-d14
 Concen: 60.467 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038690.D
 Acq: 03 Feb 2023 21:49

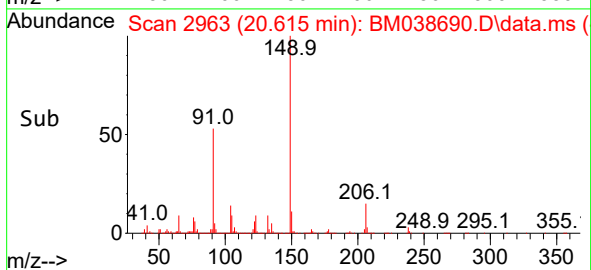
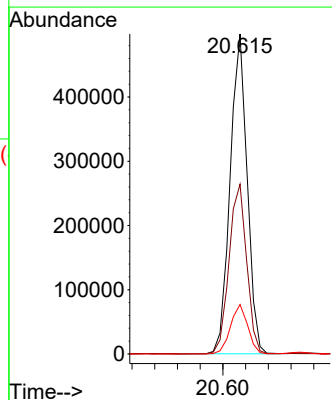
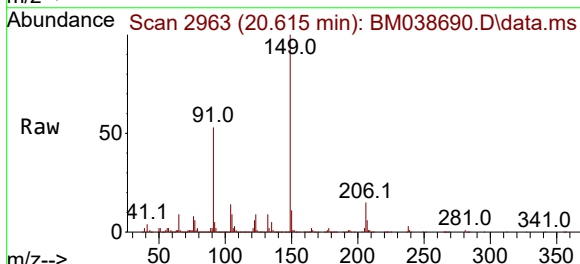
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(20-30)MS

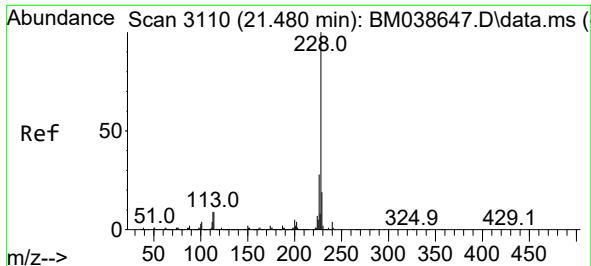
Tgt Ion:244 Resp: 978448
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 9.2 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 47.311 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BM038690.D
 Acq: 03 Feb 2023 21:49

Tgt Ion:149 Resp: 517484
 Ion Ratio Lower Upper
 149 100
 91 53.0 45.6 68.4
 206 15.4 12.5 18.7

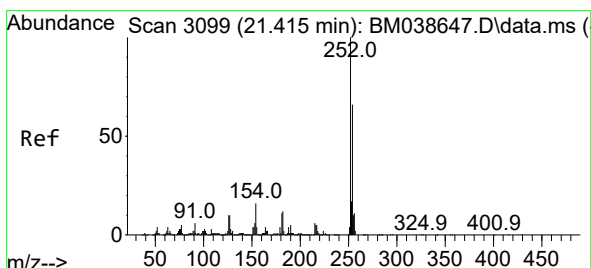
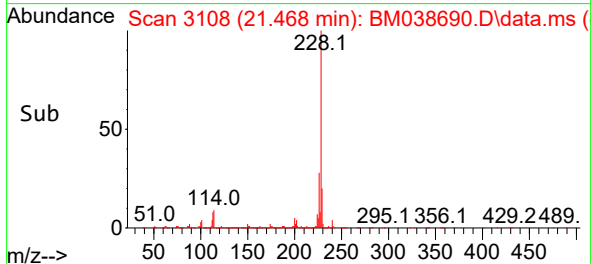
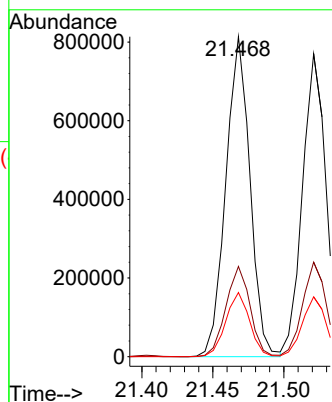
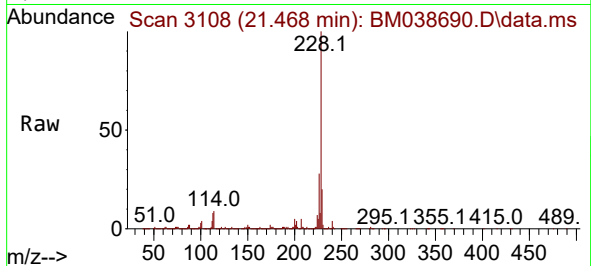




#81
Benzo(a)anthracene
Concen: 47.596 ng
RT: 21.468 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

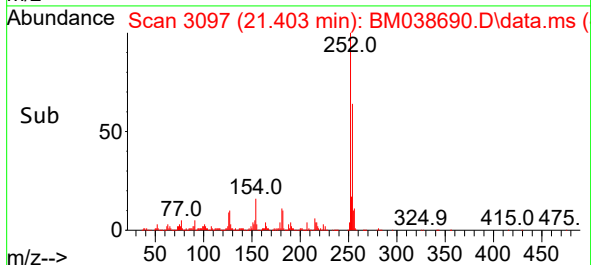
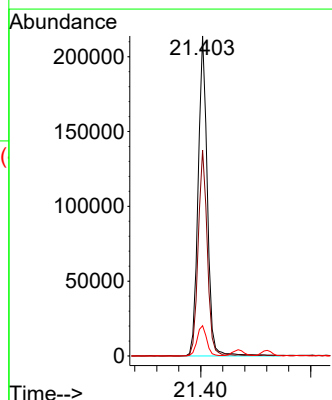
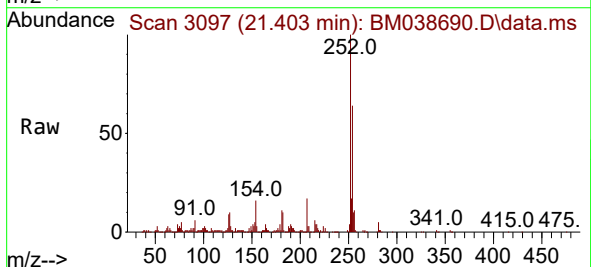
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(20-30)MS

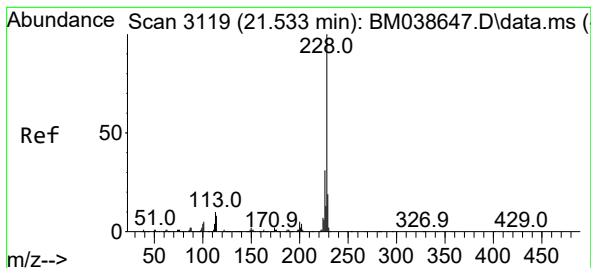
Tgt Ion:228 Resp: 961398
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 35.794 ng
RT: 21.403 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM038690.D
Acq: 03 Feb 2023 21:49

Tgt Ion:252 Resp: 248738
Ion Ratio Lower Upper
252 100
254 64.3 52.8 79.2
126 9.4 8.2 12.2





#83

Chrysene

Concen: 45.702 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

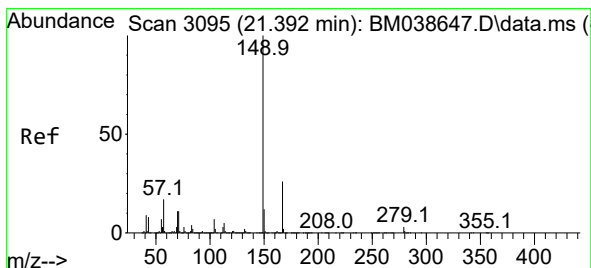
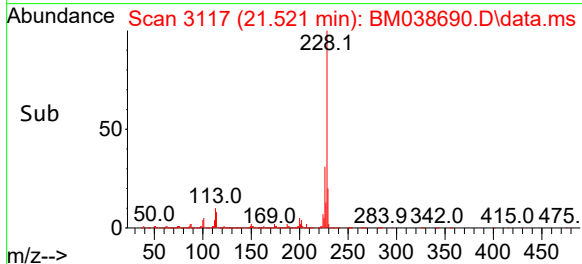
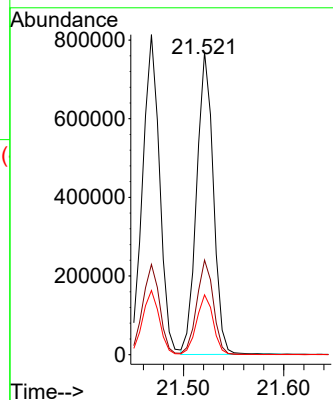
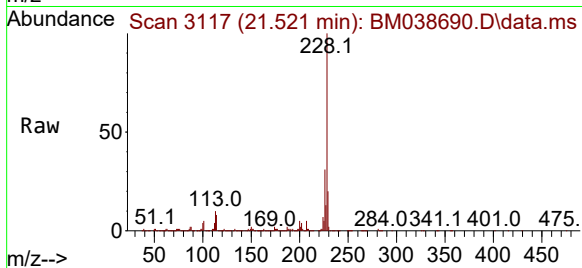
Tgt Ion:228 Resp: 889440

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.433 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

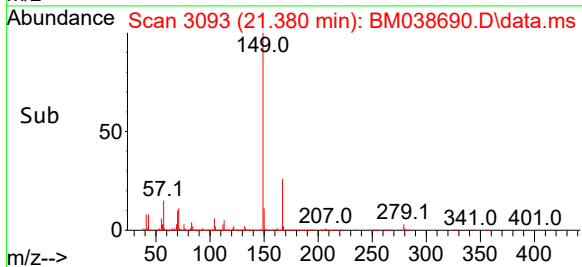
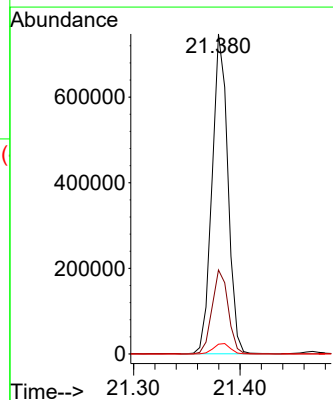
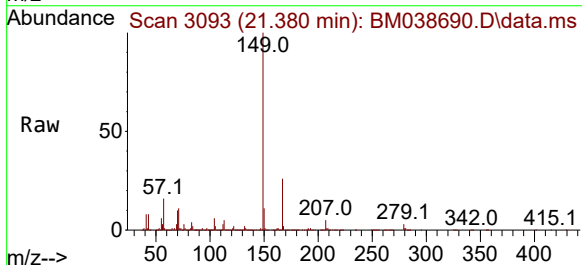
Tgt Ion:149 Resp: 771551

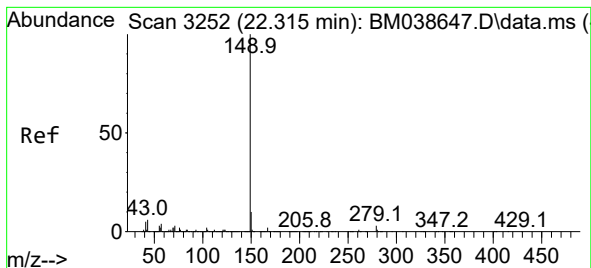
Ion Ratio Lower Upper

149 100

167 26.3 20.8 31.2

279 3.1 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 53.044 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

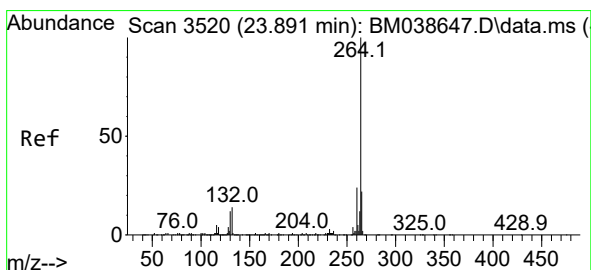
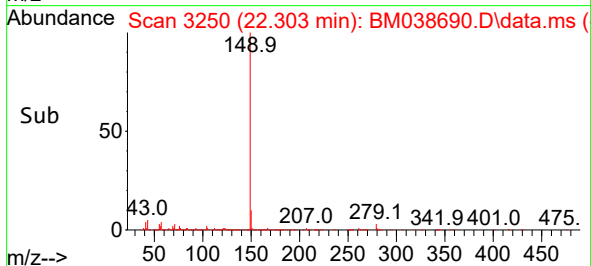
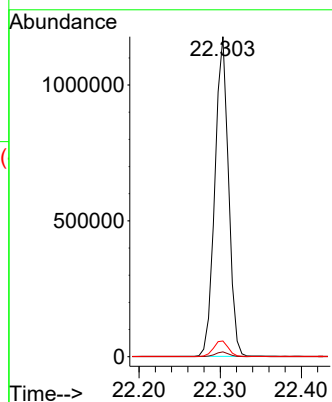
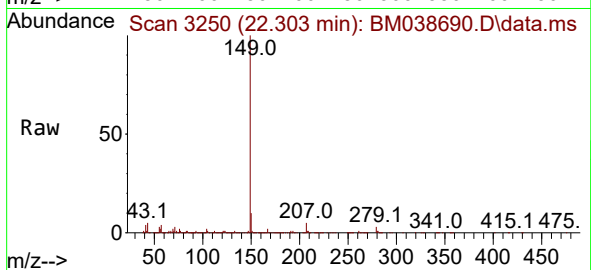
Tgt Ion:149 Resp: 1372659

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.3 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

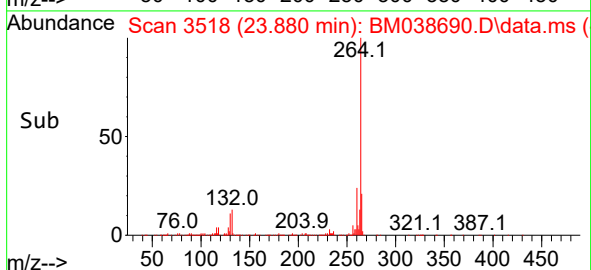
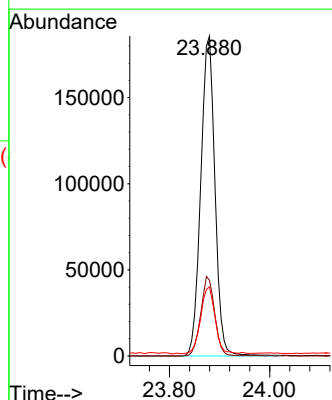
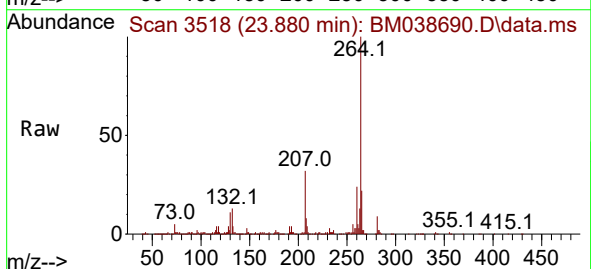
Tgt Ion:264 Resp: 365243

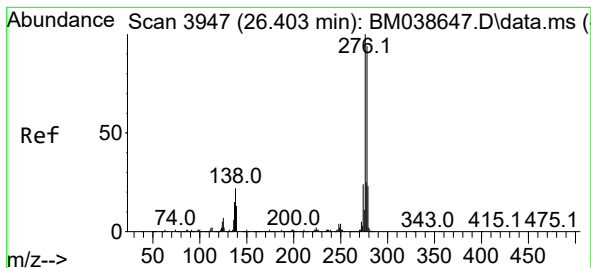
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.927 ng

RT: 26.374 min Scan# 3942

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

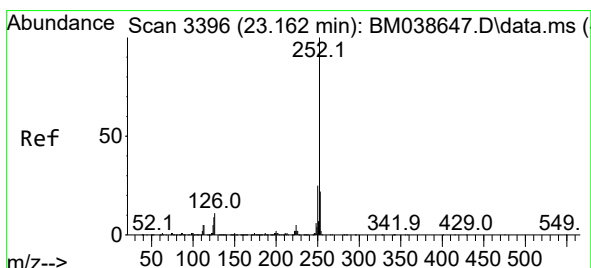
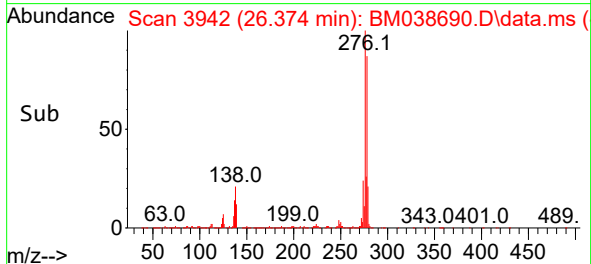
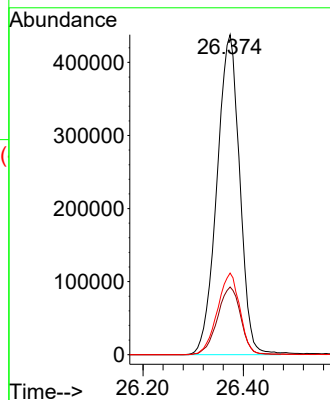
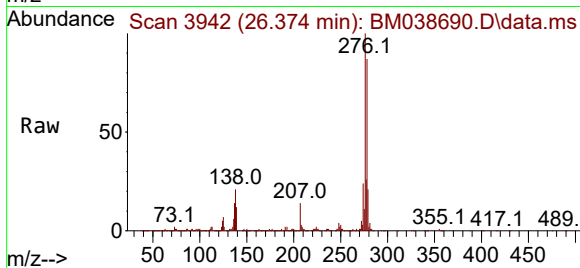
Tgt Ion:276 Resp: 1378809

Ion Ratio Lower Upper

276 100

138 21.6 17.2 25.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.534 ng

RT: 23.150 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

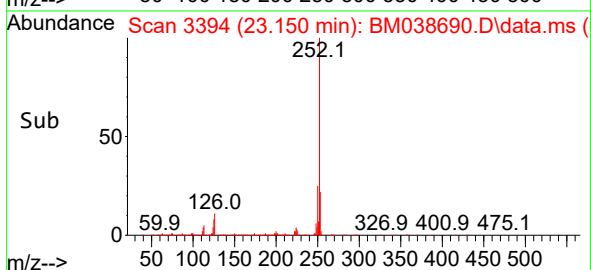
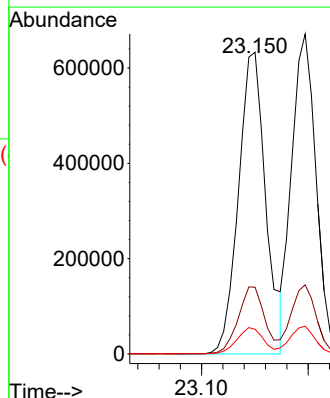
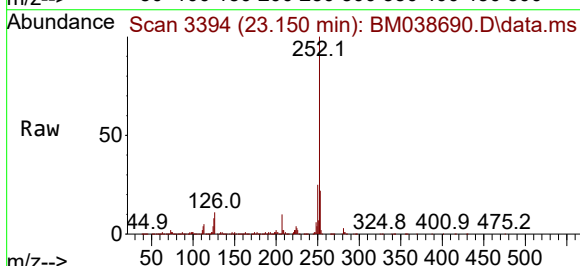
Tgt Ion:252 Resp: 1127380

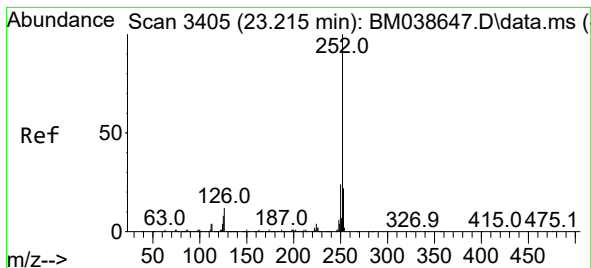
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.008 ng

RT: 23.197 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

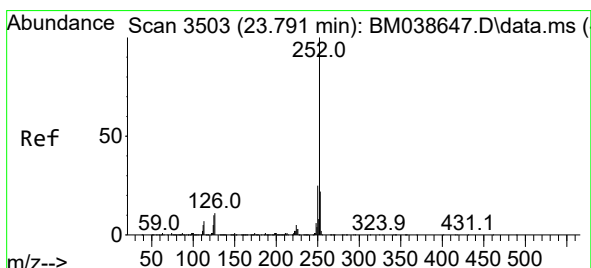
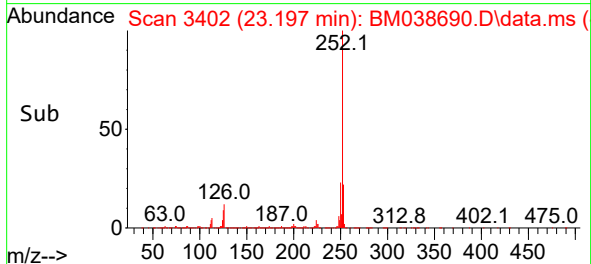
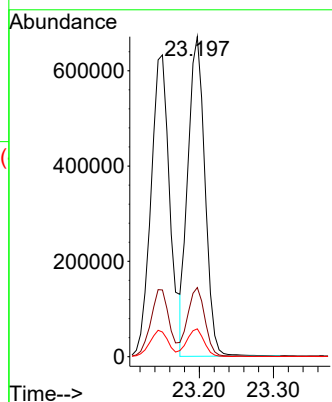
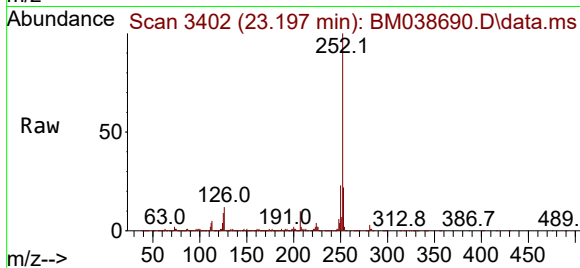
Tgt Ion:252 Resp: 1066503

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.7 6.6 9.8



#90

Benzo(a)pyrene

Concen: 44.966 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

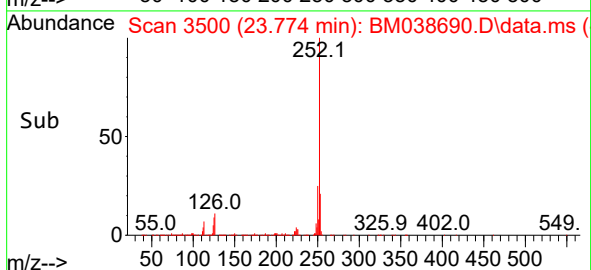
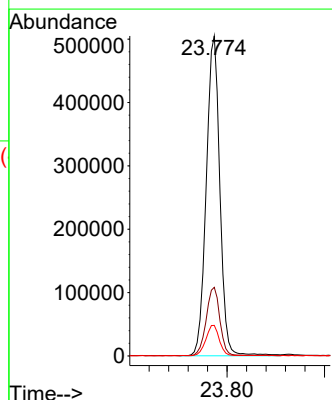
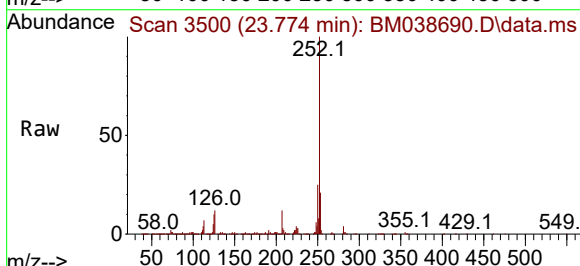
Tgt Ion:252 Resp: 972793

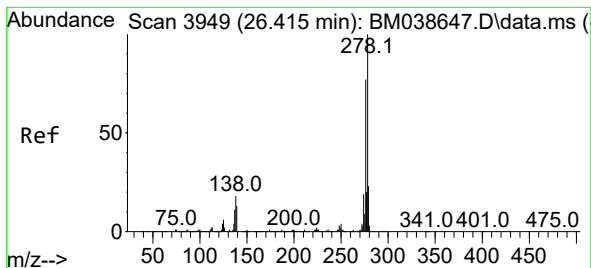
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 9.6 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 47.969 ng

RT: 26.379 min Scan# 3943

Delta R.T. -0.018 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(20-30)MS

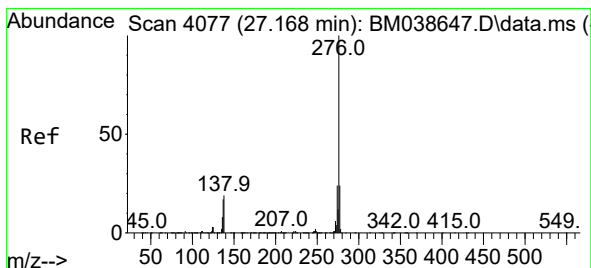
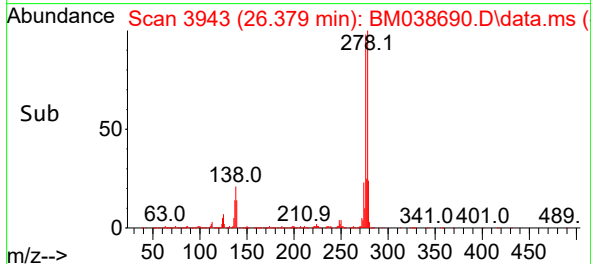
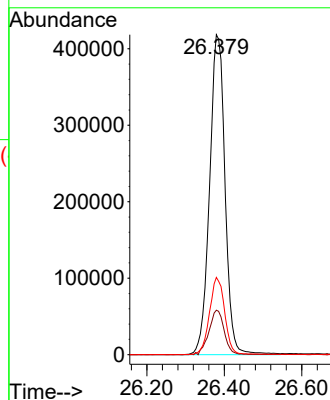
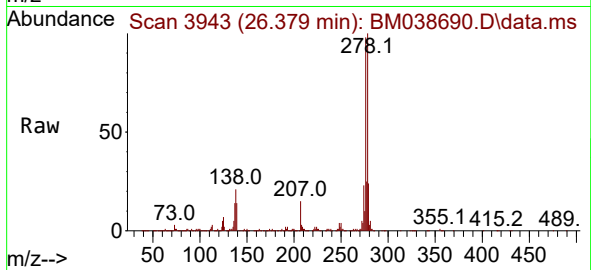
Tgt Ion:278 Resp: 1161041

Ion Ratio Lower Upper

278 100

139 13.9 10.5 15.7

279 24.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 46.025 ng

RT: 27.138 min Scan# 4072

Delta R.T. -0.012 min

Lab File: BM038690.D

Acq: 03 Feb 2023 21:49

Tgt Ion:276 Resp: 1126067

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 19.0 15.3 22.9

