

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042478.D
 Acq On : 27 Oct 2023 18:33
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 28 00:27:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	173009	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	740748	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	427127	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	832644	20.000	ng	0.00
76) Chrysene-d12	21.562	240	564171	20.000	ng	0.00
86) Perylene-d12	24.021	264	547980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	707015	57.756	ng	0.00
7) Phenol-d6	7.169	99	1134654	69.165	ng	0.00
23) Nitrobenzene-d5	9.193	82	1232706	73.587	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	408840	89.753	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	2552814	80.483	ng	0.00
79) Terphenyl-d14	19.992	244	3313272	104.154	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	213907	37.109	ng	95
3) Pyridine	3.864	79	501938	29.680	ng	96
4) n-Nitrosodimethylamine	3.752	42	224576	26.301	ng	89
6) Aniline	7.340	93	723528	34.641	ng	98
8) 2-Chlorophenol	7.551	128	461097	37.960	ng	94
9) Benzaldehyde	7.157	77	325173	34.032	ng	95
10) Phenol	7.193	94	575428	33.946	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	508603	36.545	ng	95
12) 1,3-Dichlorobenzene	7.863	146	489889	38.992	ng	97
13) 1,4-Dichlorobenzene	8.022	146	500943	39.610	ng	97
14) 1,2-Dichlorobenzene	8.334	146	487199	40.119	ng	98
15) Benzyl Alcohol	8.269	79	465606	38.287	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.504	45	421182	19.126	ng	98
17) 2-Methylphenol	8.446	107	427944	38.258	ng	98
18) Hexachloroethane	9.046	117	196083	40.274	ng	95
19) n-Nitroso-di-n-propyla...	8.828	70	447655	40.261	ng	96
20) 3+4-Methylphenols	8.787	107	577643	38.501	ng	97
22) Acetophenone	8.851	105	752992	37.261	ng	# 97
24) Nitrobenzene	9.240	77	605649	36.139	ng	96
25) Isophorone	9.781	82	1157925	40.674	ng	98
26) 2-Nitrophenol	9.940	139	259193	40.625	ng	93
27) 2,4-Dimethylphenol	9.987	122	445202	38.554	ng	97
28) bis(2-Chloroethoxy)met...	10.234	93	697607	38.678	ng	100
29) 2,4-Dichlorophenol	10.463	162	438973	43.714	ng	97
30) 1,2,4-Trichlorobenzene	10.657	180	463634	43.067	ng	98
31) Naphthalene	10.863	128	1551127	40.768	ng	100
32) Benzoic acid	10.175	122	342500	41.379	ng	97
33) 4-Chloroaniline	11.004	127	607073	36.749	ng	98
34) Hexachlorobutadiene	11.081	225	281216	48.274	ng	98
35) Caprolactam	11.945	113	141006	36.933	ng	93
36) 4-Chloro-3-methylphenol	12.116	107	500952	41.339	ng	96
37) 2-Methylnaphthalene	12.463	142	1101607	43.010	ng	98
38) 1-Methylnaphthalene	12.681	142	1036791	43.210	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	532311	43.109	ng	98
41) Hexachlorocyclopentadiene	12.757	237	351623	54.091	ng	99
43) 2,4,6-Trichlorophenol	13.075	196	349306	43.699	ng	100

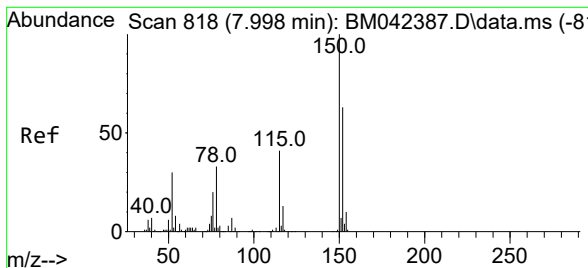
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
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 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	405054	42.866	ng	95
46) 1,1'-Biphenyl	13.469	154	1360485	40.151	ng	98
47) 2-Chloronaphthalene	13.516	162	990392	39.840	ng	100
48) 2-Nitroaniline	13.763	65	341718	32.394	ng	92
49) Acenaphthylene	14.363	152	1610662	40.133	ng	100
50) Dimethylphthalate	14.110	163	1281043	40.889	ng	100
51) 2,6-Dinitrotoluene	14.251	165	271166	38.914	ng	84
52) Acenaphthene	14.698	154	975306	40.196	ng	98
53) 3-Nitroaniline	14.592	138	256585	31.774	ng	99
54) 2,4-Dinitrophenol	14.792	184	156679	40.273	ng	89
55) Dibenzofuran	15.033	168	1538290	40.084	ng	99
56) 4-Nitrophenol	14.892	139	189506	29.699	ng	95
57) 2,4-Dinitrotoluene	15.027	165	337901	36.754	ng	95
58) Fluorene	15.680	166	1206186	39.830	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.251	232	320505	45.150	ng	92
60) Diethylphthalate	15.451	149	1262270	40.827	ng	98
61) 4-Chlorophenyl-phenyle...	15.669	204	629371	44.130	ng	95
62) 4-Nitroaniline	15.757	138	193859	25.979	ng	92
63) Azobenzene	15.963	77	1371354	36.970	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	205418	39.812	ng	81
66) n-Nitrosodiphenylamine	15.898	169	1028244	41.000	ng	98
67) 4-Bromophenyl-phenylether	16.569	248	375152	48.613	ng	93
68) Hexachlorobenzene	16.645	284	395240	47.914	ng	94
69) Atrazine	16.857	200	280766	44.147	ng	99
70) Pentachlorophenol	17.016	266	284715	44.238	ng	99
71) Phenanthrene	17.427	178	1780610	39.310	ng	100
72) Anthracene	17.516	178	1810927	40.368	ng	99
73) Carbazole	17.810	167	1488760	35.375	ng	99
74) Di-n-butylphthalate	18.327	149	2165445	41.066	ng	99
75) Fluoranthene	19.439	202	1997443	40.040	ng	98
77) Benzidine	19.662	184	164993	20.219	ng	99
78) Pyrene	19.804	202	2036390	51.654	ng	100
80) Butylbenzylphthalate	20.686	149	893496	49.862	ng	89
81) Benzo(a)anthracene	21.545	228	1495451	39.540	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	480351	42.546	ng	98
83) Chrysene	21.604	228	1481766	40.791	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1221380	48.070	ng	# 96
85) Di-n-octyl phthalate	22.368	149	1942230	44.677	ng	95
87) Indeno(1,2,3-cd)pyrene	26.597	276	1377350	34.394	ng	93
88) Benzo(b)fluoranthene	23.262	252	1220132	36.991	ng	99
89) Benzo(k)fluoranthene	23.315	252	1382079	40.359	ng	97
90) Benzo(a)pyrene	23.909	252	1229041	38.713	ng	98
91) Dibenzo(a,h)anthracene	26.621	278	1105407	33.200	ng	98
92) Benzo(g,h,i)perylene	27.409	276	1163981	35.997	ng	95

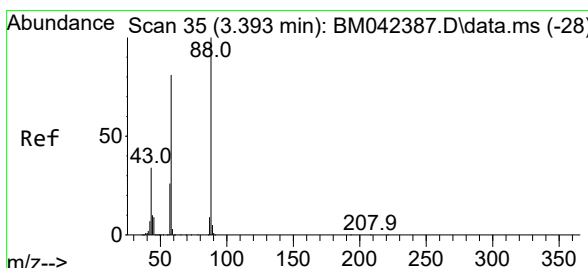
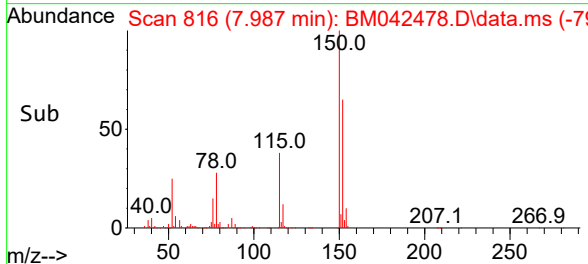
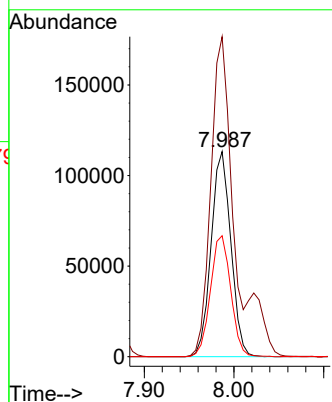
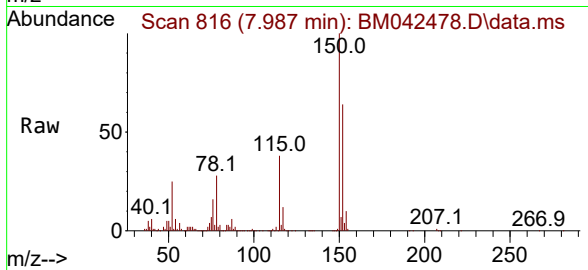
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042478.D
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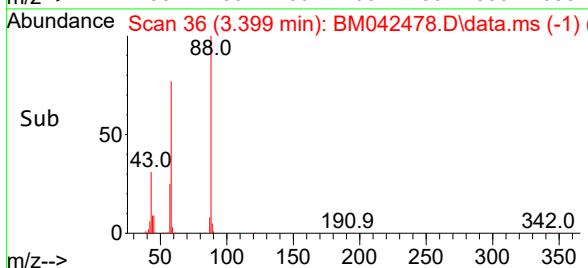
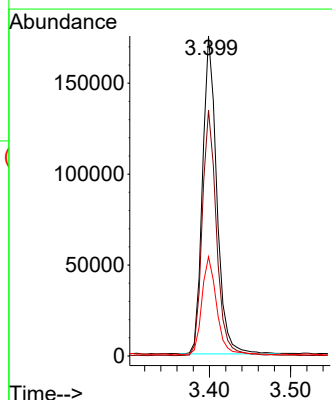
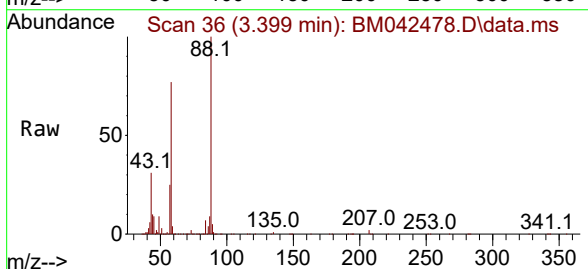
Instrument :
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SSTDCCC040

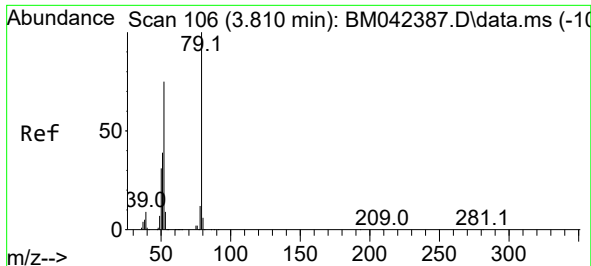
Tgt Ion:152 Resp: 173009
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 59.0 51.9 77.9



#2
1,4-Dioxane
Concen: 37.109 ng
RT: 3.399 min Scan# 36
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 88 Resp: 213907
Ion Ratio Lower Upper
88 100
58 77.4 64.9 97.3
43 31.6 27.8 41.8

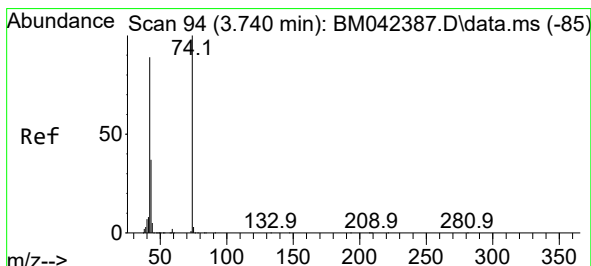
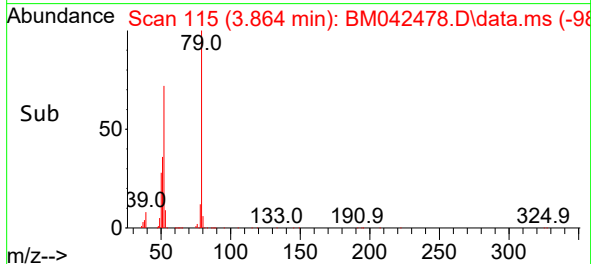
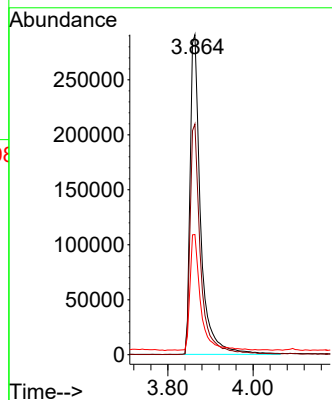
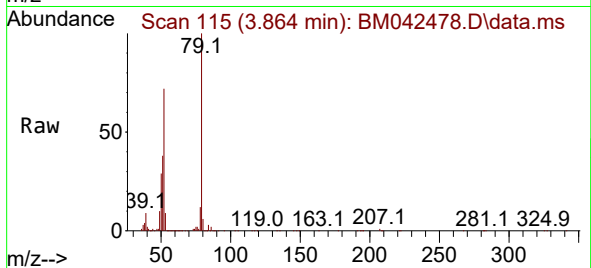




#3
Pyridine
Concen: 29.680 ng
RT: 3.864 min Scan# 115
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

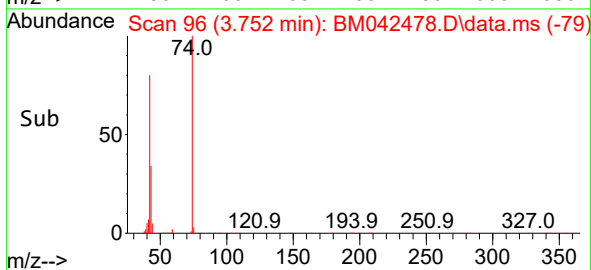
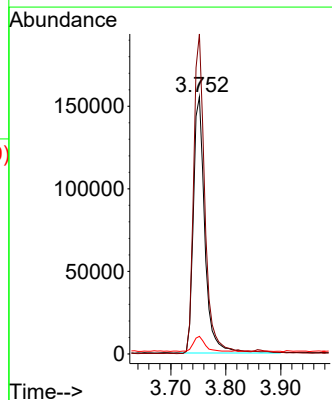
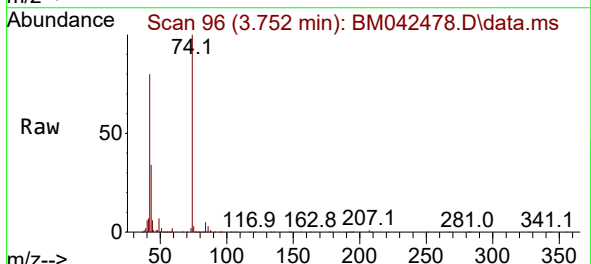
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ClientSampleId :
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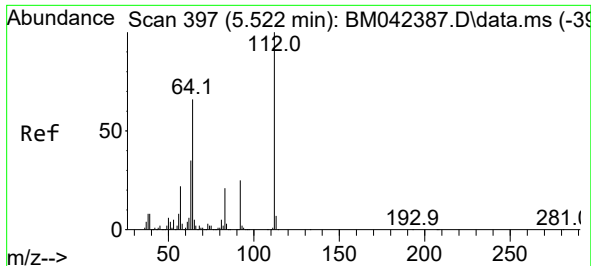
Tgt Ion: 79 Resp: 501938
Ion Ratio Lower Upper
79 100
52 72.1 60.3 90.5
51 37.6 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 26.301 ng
RT: 3.752 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 42 Resp: 224576
Ion Ratio Lower Upper
42 100
74 124.5 89.4 134.2
44 6.9 5.4 8.0

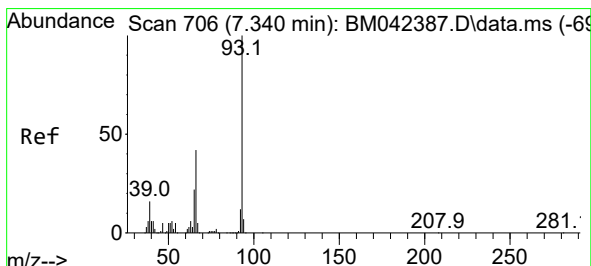
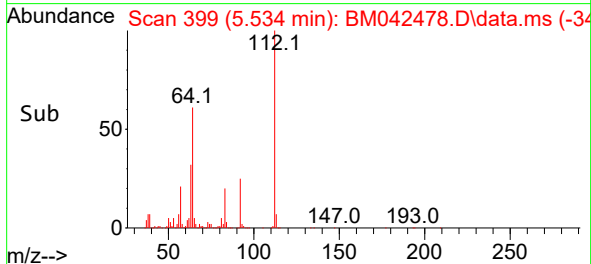
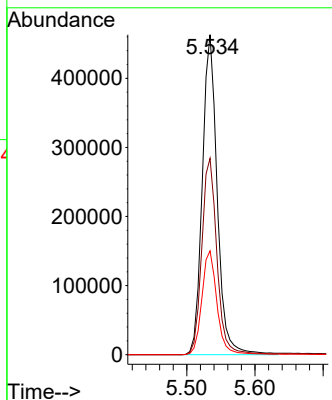
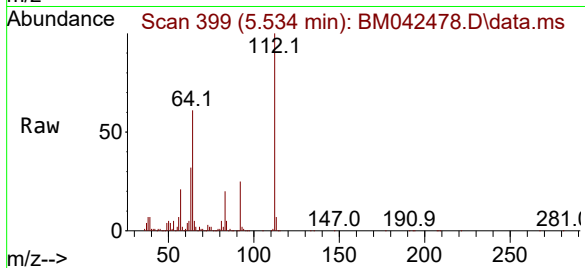




#5
2-Fluorophenol
Concen: 57.756 ng
RT: 5.534 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

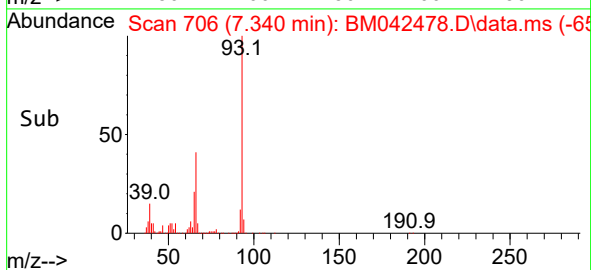
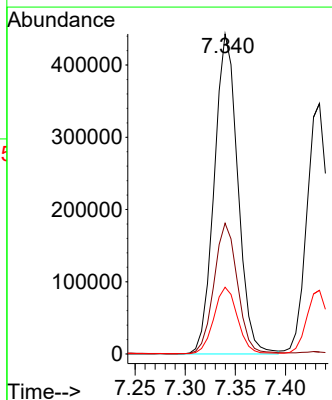
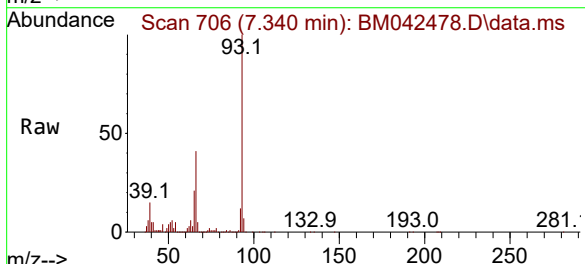
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ClientSampleId :
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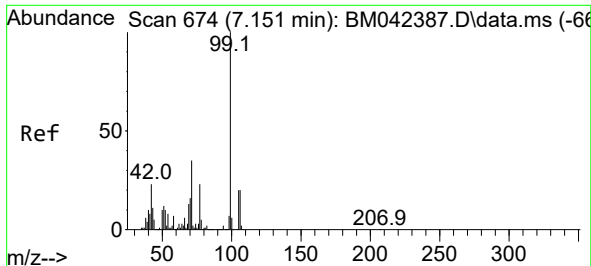
Tgt Ion:112 Resp: 707015
Ion Ratio Lower Upper
112 100
64 61.4 52.7 79.1
63 32.4 28.3 42.5



#6
Aniline
Concen: 34.641 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 93 Resp: 723528
Ion Ratio Lower Upper
93 100
66 40.8 33.8 50.8
65 20.8 17.4 26.2

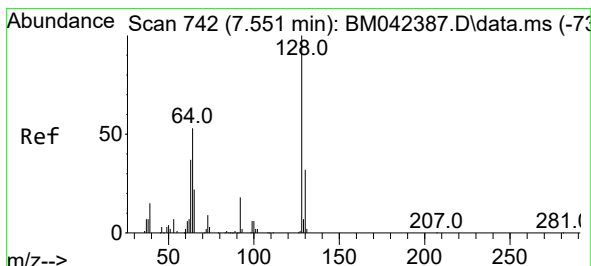
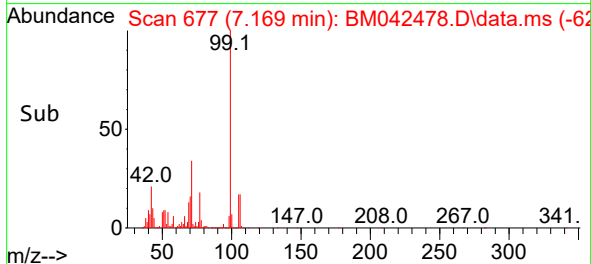
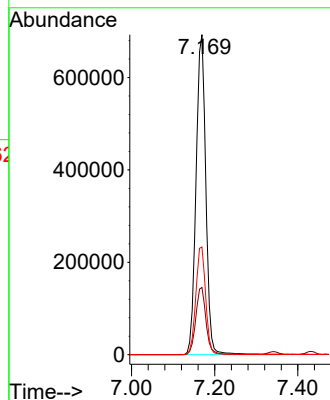
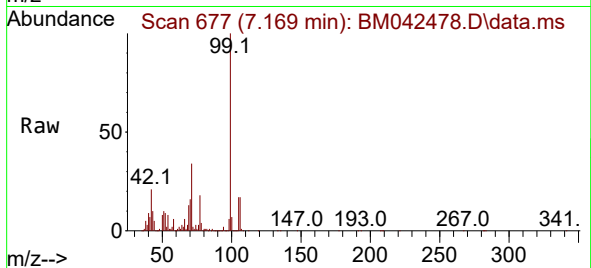




#7
Phenol-d6
Concen: 69.165 ng
RT: 7.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

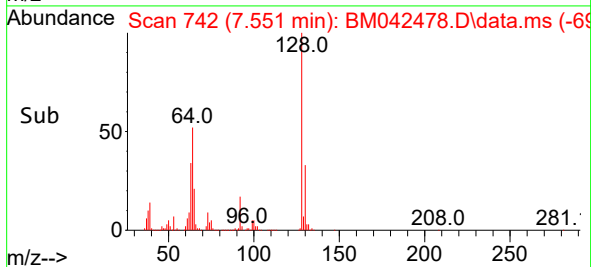
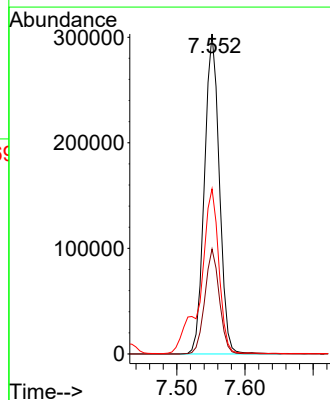
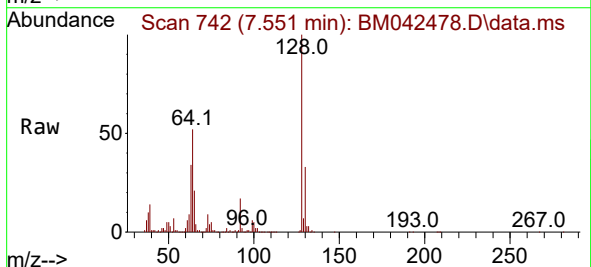
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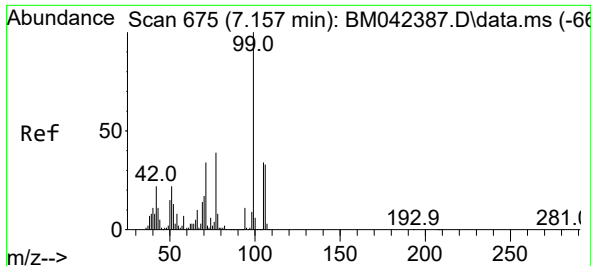
Tgt Ion: 99 Resp: 1134654
Ion Ratio Lower Upper
99 100
42 21.0 18.5 27.7
71 33.6 27.7 41.5



#8
2-Chlorophenol
Concen: 37.960 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:128 Resp: 461097
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 51.6 38.2 78.2

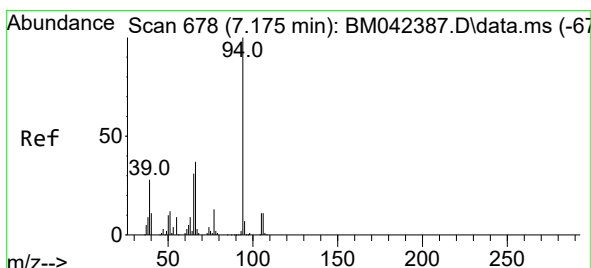
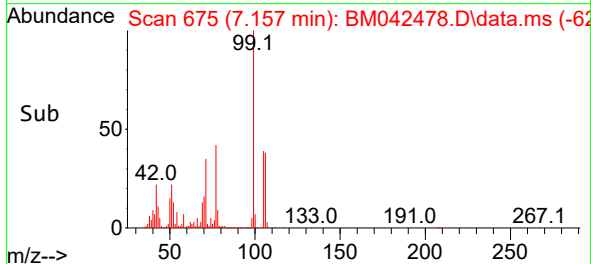
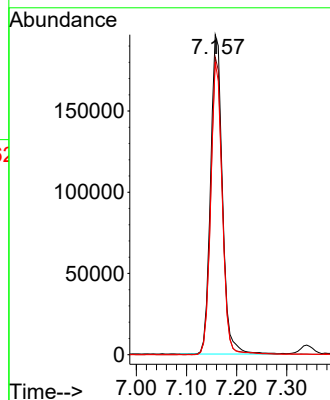
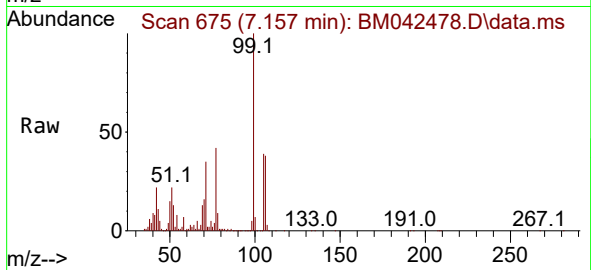




#9
Benzaldehyde
Concen: 34.032 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

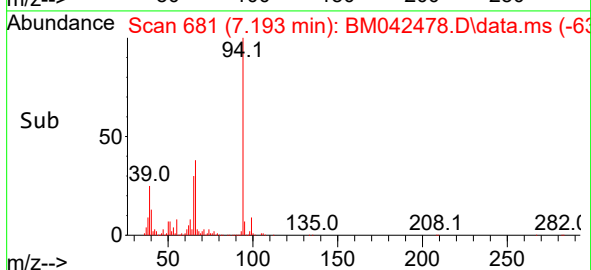
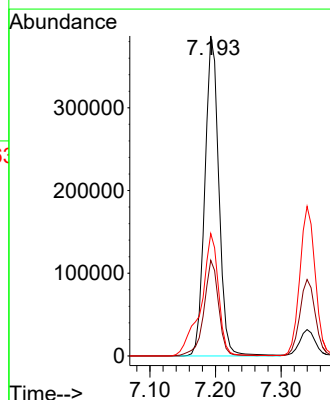
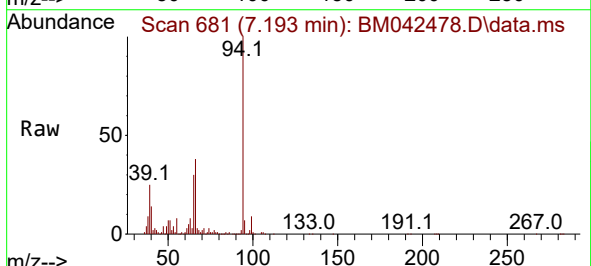
Instrument :
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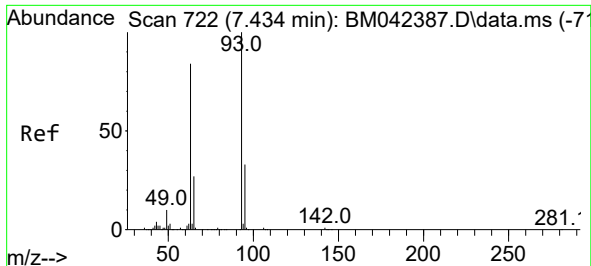
Tgt Ion: 77 Resp: 325173
Ion Ratio Lower Upper
77 100
105 93.0 68.7 108.7
106 91.4 65.8 105.8



#10
Phenol
Concen: 33.946 ng
RT: 7.193 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 94 Resp: 575428
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.3 18.2 58.2

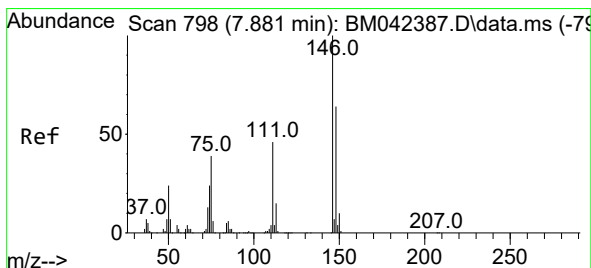
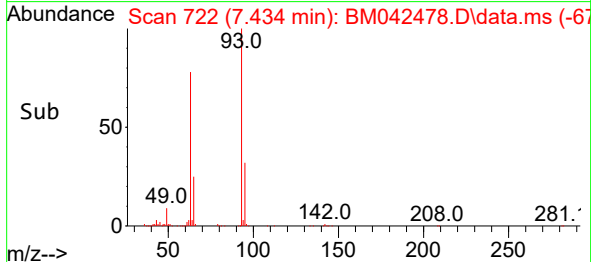
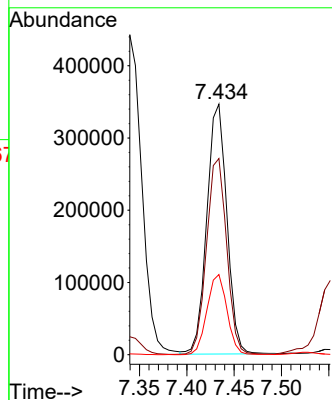
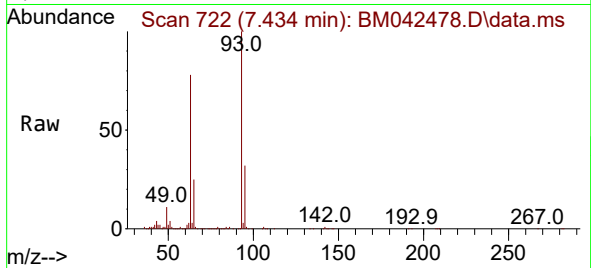




#11
bis(2-Chloroethyl)ether
Concen: 36.545 ng
RT: 7.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

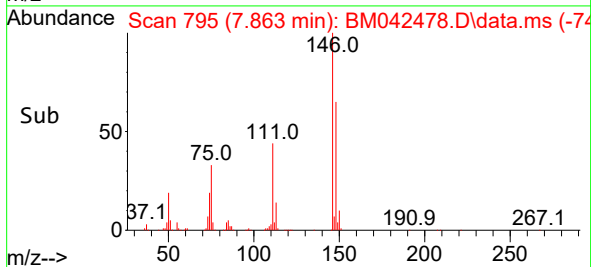
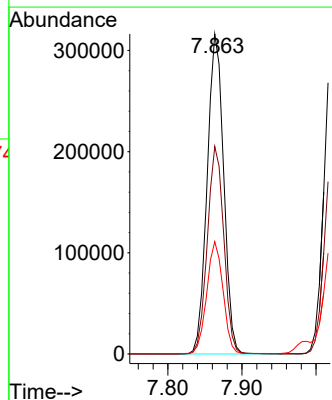
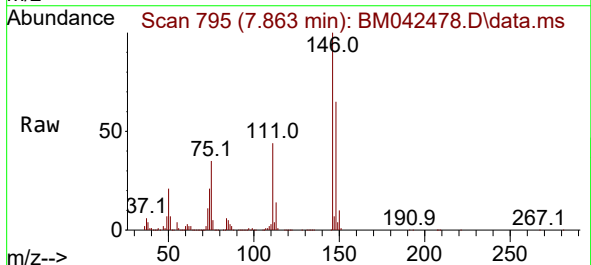
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

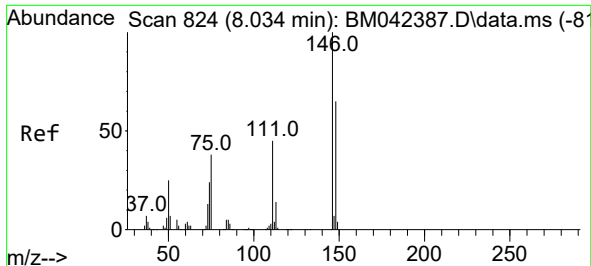
Tgt Ion: 93 Resp: 508603
Ion Ratio Lower Upper
93 100
63 78.3 64.2 104.2
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.992 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:146 Resp: 489889
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 35.1 30.9 46.3

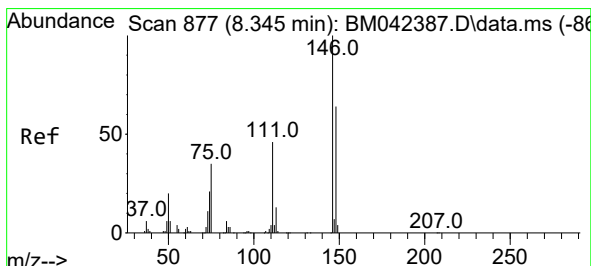
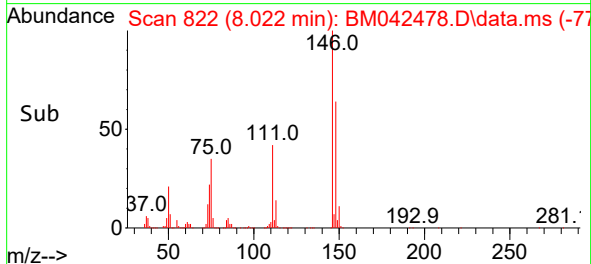
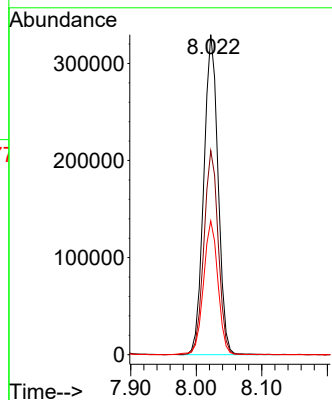
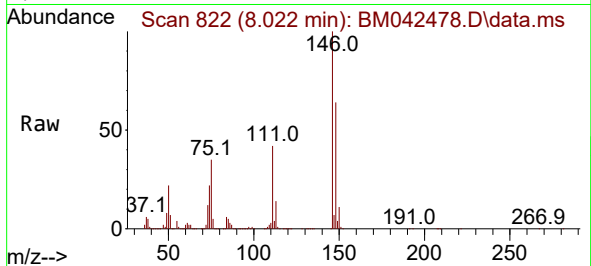




#13
1,4-Dichlorobenzene
Concen: 39.610 ng
RT: 8.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

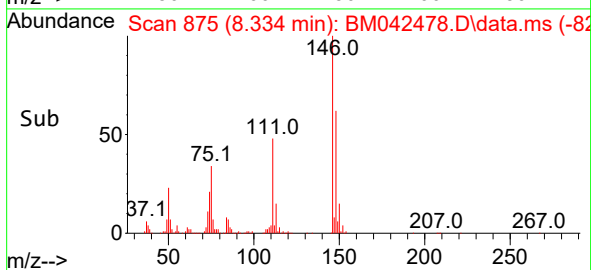
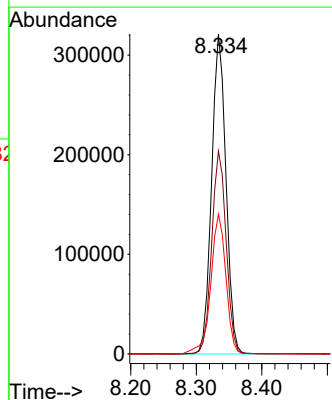
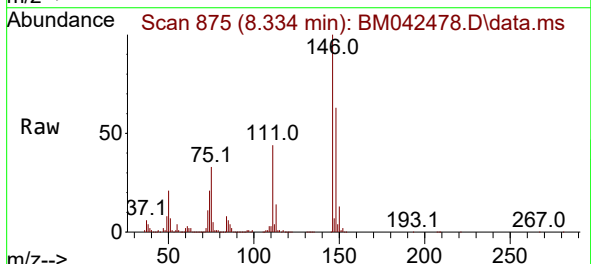
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

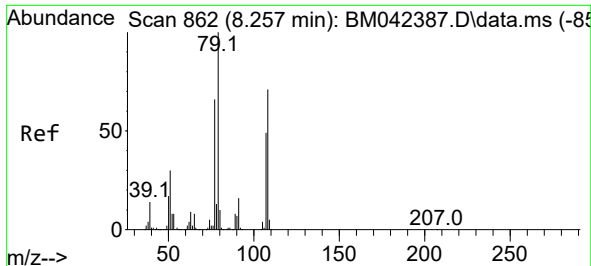
Tgt Ion:146 Resp: 500943
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 41.8 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 40.119 ng
RT: 8.334 min Scan# 875
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:146 Resp: 487199
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 43.6 37.2 55.8

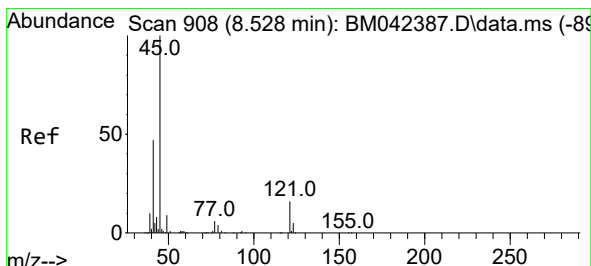
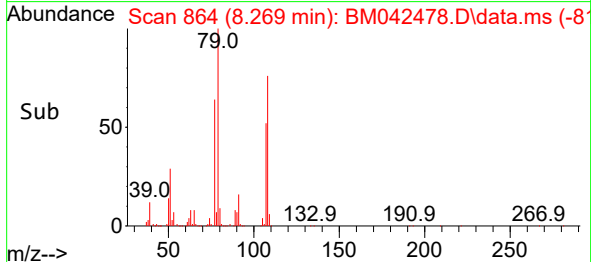
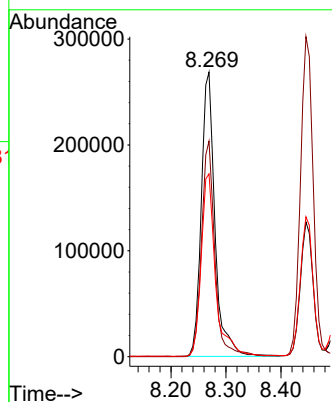
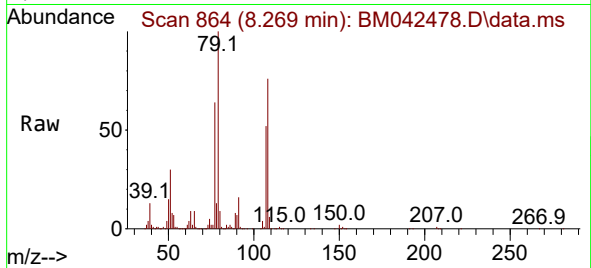




#15
Benzyl Alcohol
Concen: 38.287 ng
RT: 8.269 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

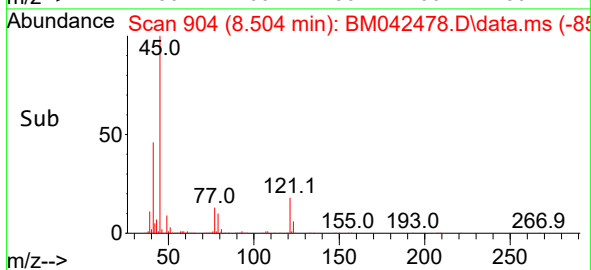
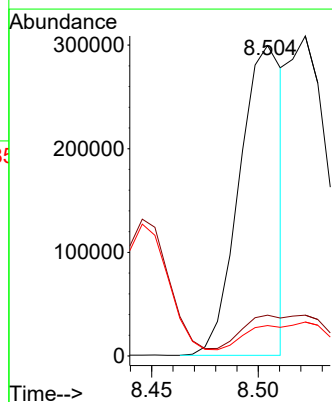
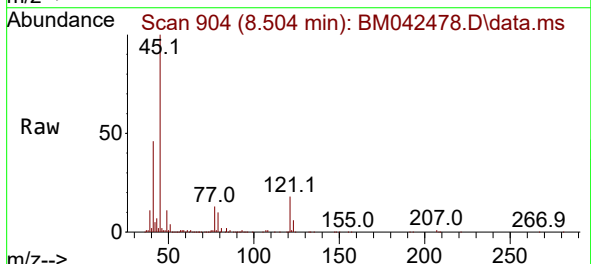
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

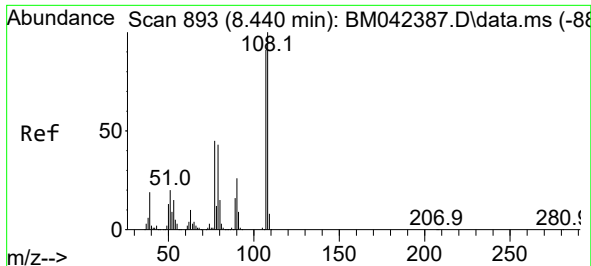
Tgt Ion: 79 Resp: 465606
Ion Ratio Lower Upper
79 100
108 75.8 57.1 85.7
77 64.3 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.126 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.018 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 45 Resp: 421182
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.2
79 9.8 0.0 30.4

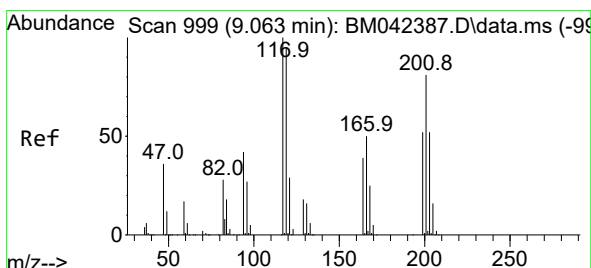
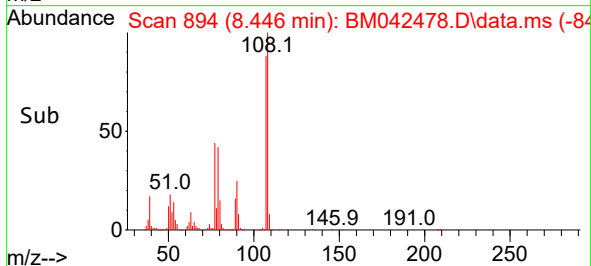
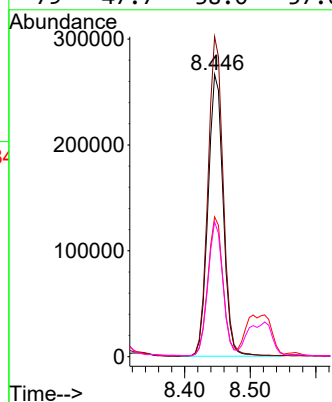
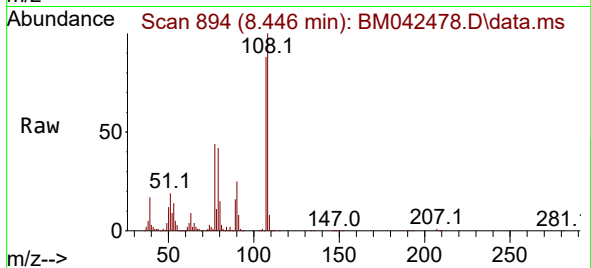




#17
2-Methylphenol
Concen: 38.258 ng
RT: 8.446 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

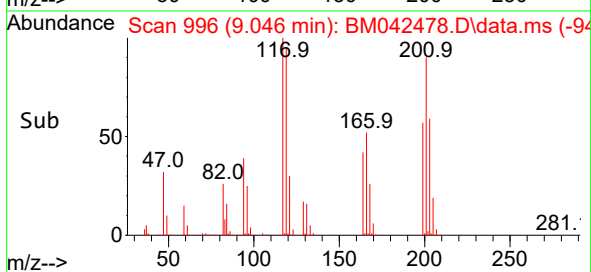
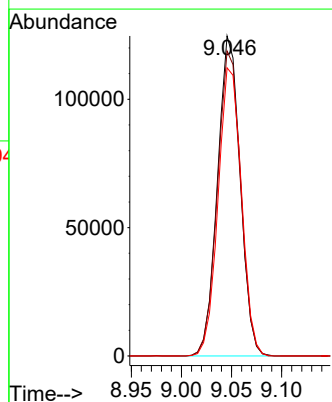
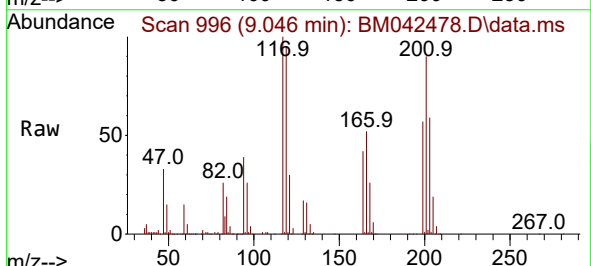
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

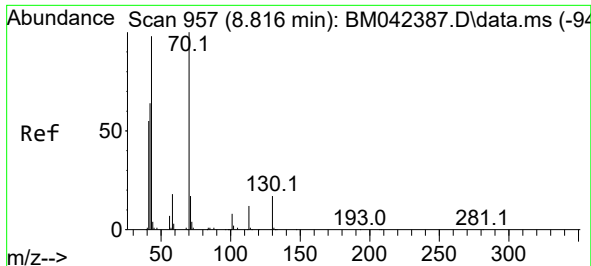
Tgt Ion:	107	Resp:	427944
Ion	Ratio	Lower	Upper
107	100		
108	113.4	88.2	132.4
77	49.5	40.1	60.1
79	47.7	38.0	57.0



#18
Hexachloroethane
Concen: 40.274 ng
RT: 9.046 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:	117	Resp:	196083
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.9	113.9
201	90.1	64.6	97.0

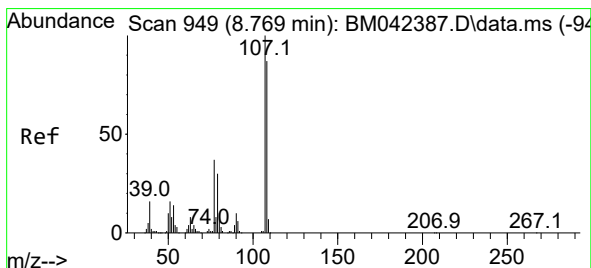
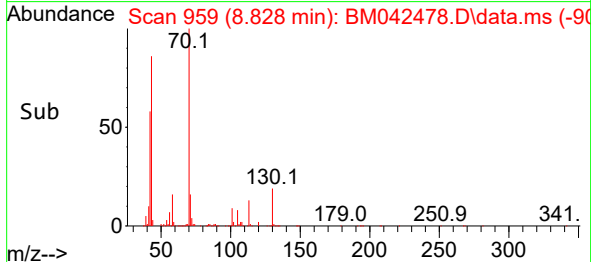
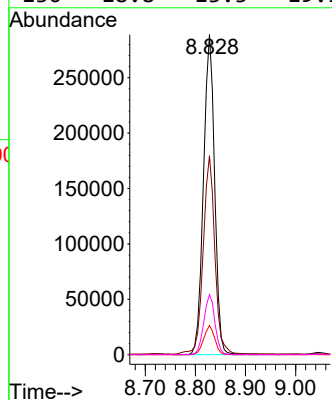
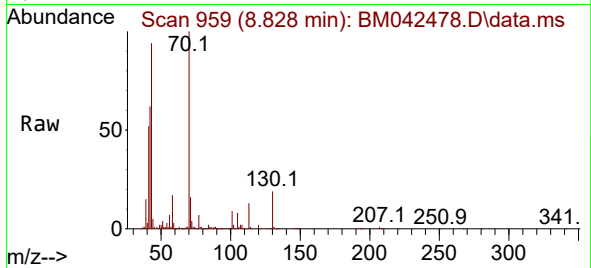




#19
n-Nitroso-di-n-propylamine
Concen: 40.261 ng
RT: 8.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

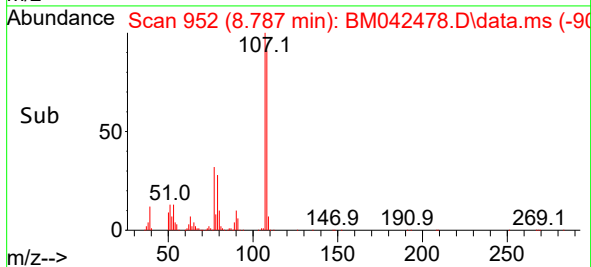
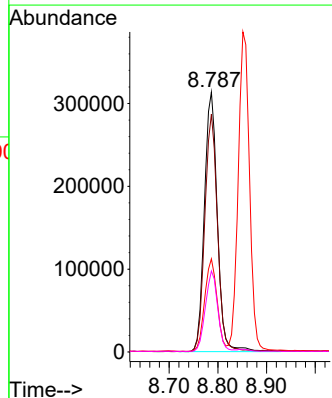
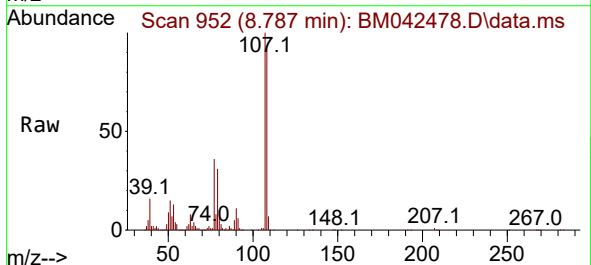
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

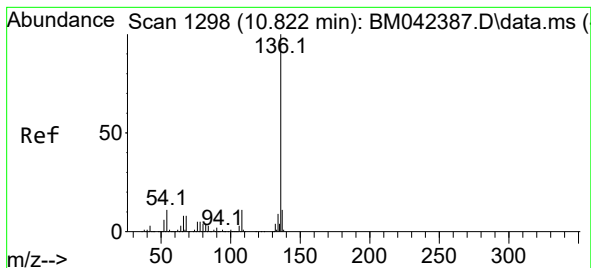
Tgt Ion: 70 Resp: 447655
Ion Ratio Lower Upper
70 100
42 62.2 52.1 78.1
101 9.1 6.5 9.7
130 18.8 13.3 19.9



#20
3+4-Methylphenols
Concen: 38.501 ng
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion: 107 Resp: 577643
Ion Ratio Lower Upper
107 100
108 91.5 67.2 107.2
77 35.9 16.8 56.8
79 31.1 10.1 50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.810 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 740748

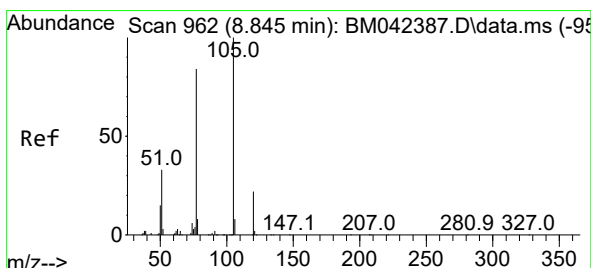
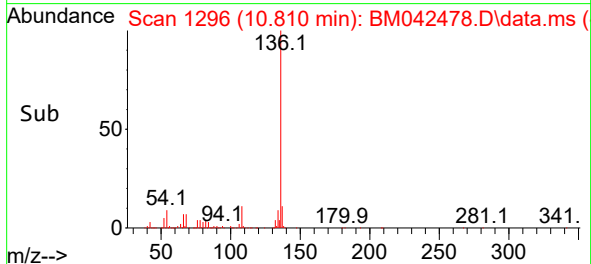
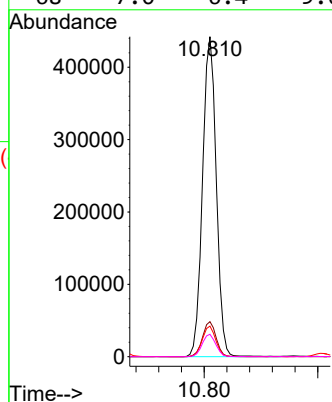
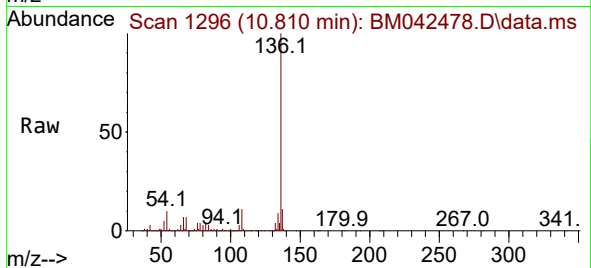
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.5 8.6 12.8

68 7.0 6.4 9.6



#22

Acetophenone

Concen: 37.261 ng

RT: 8.851 min Scan# 963

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Tgt Ion:105 Resp: 752992

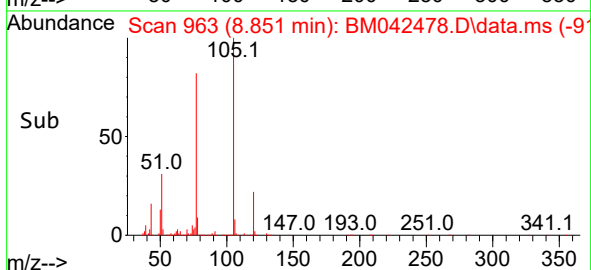
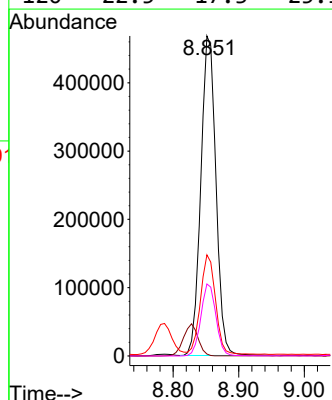
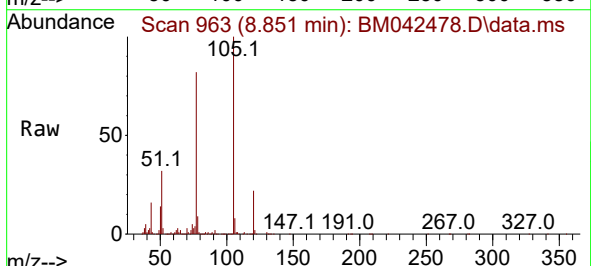
Ion Ratio Lower Upper

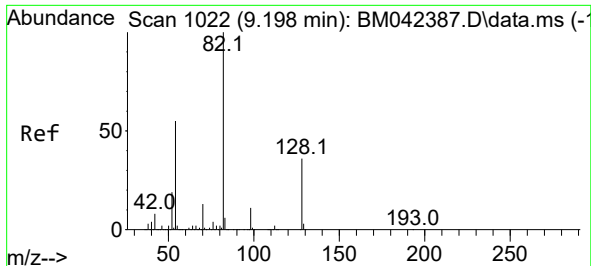
105 100

71 0.6 0.1 0.1#

51 31.6 27.1 40.7

120 22.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 73.587 ng

RT: 9.193 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

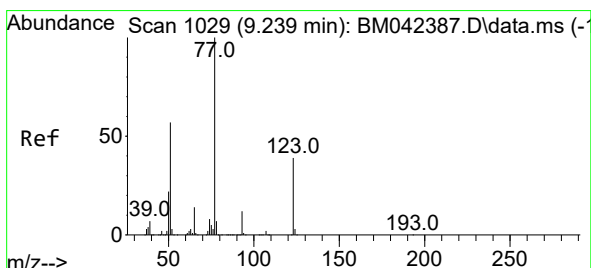
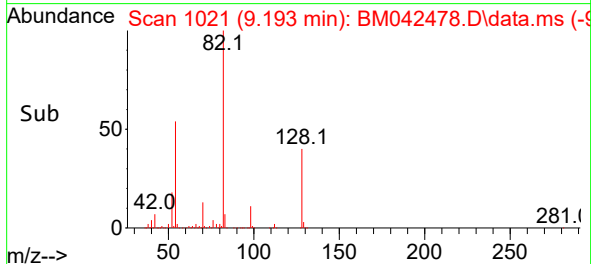
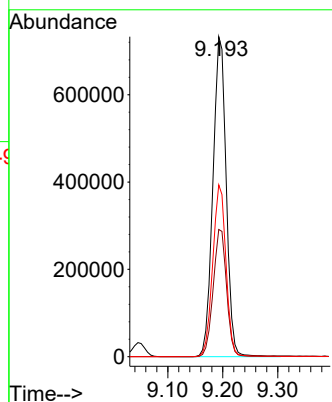
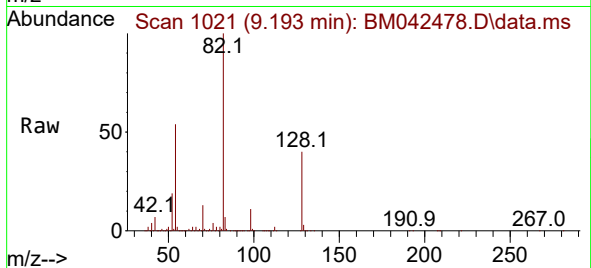
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1232706

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.0	43.6
54	53.7	43.7	65.5



#24

Nitrobenzene

Concen: 36.139 ng

RT: 9.240 min Scan# 1029

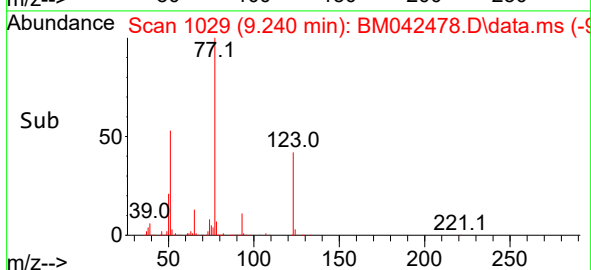
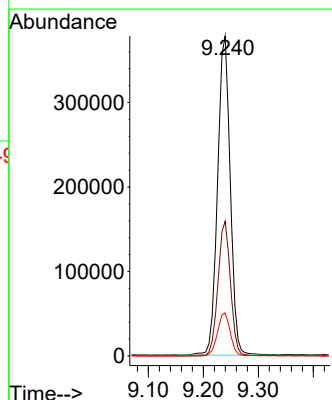
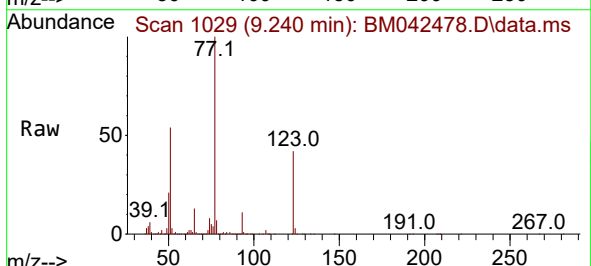
Delta R.T. 0.000 min

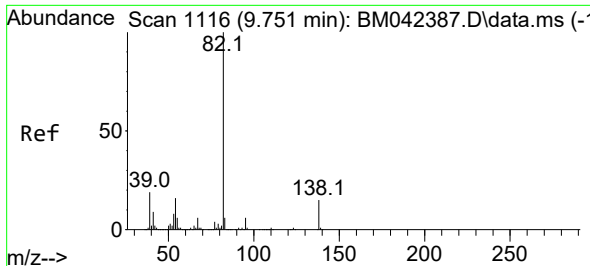
Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Tgt Ion: 77 Resp: 605649

Ion	Ratio	Lower	Upper
77	100		
123	42.1	31.2	46.8
65	13.5	11.4	17.0

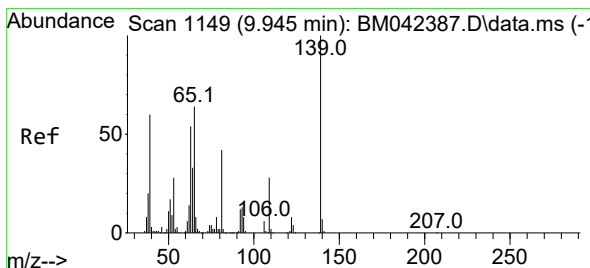
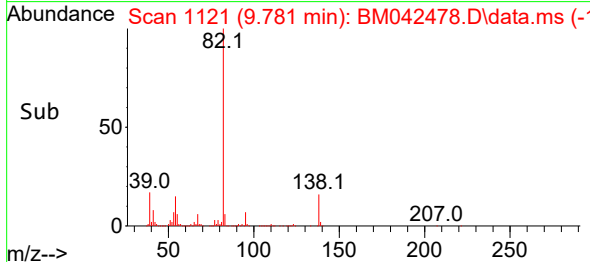
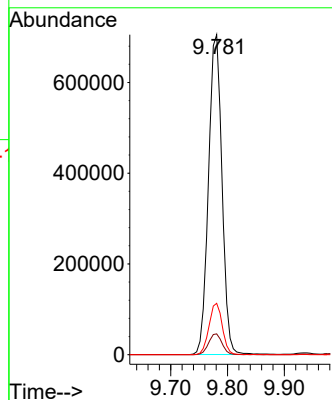
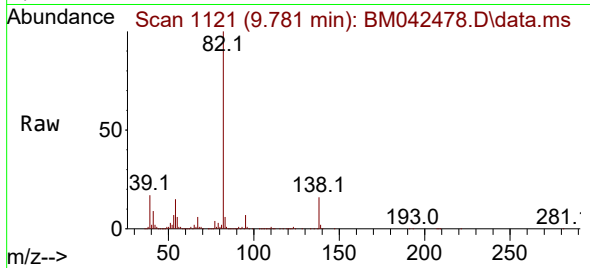




#25
Isophorone
Concen: 40.674 ng
RT: 9.781 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

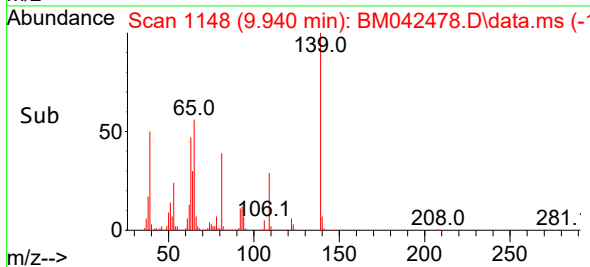
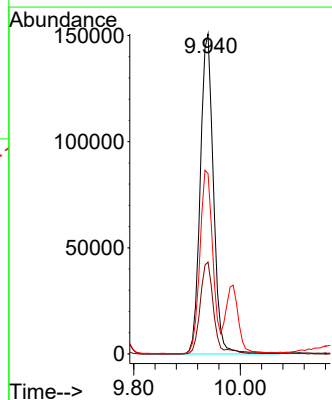
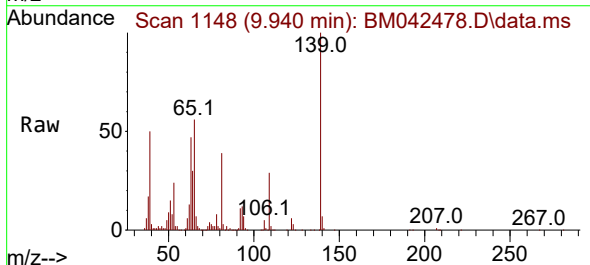
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

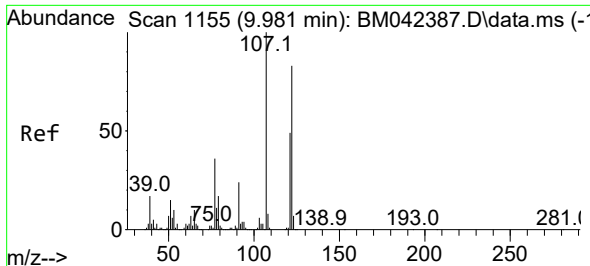
Tgt Ion: 82 Resp: 1157925
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.0 11.8 17.6



#26
2-Nitrophenol
Concen: 40.625 ng
RT: 9.940 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:139 Resp: 259193
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 56.4 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 38.554 ng

RT: 9.987 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

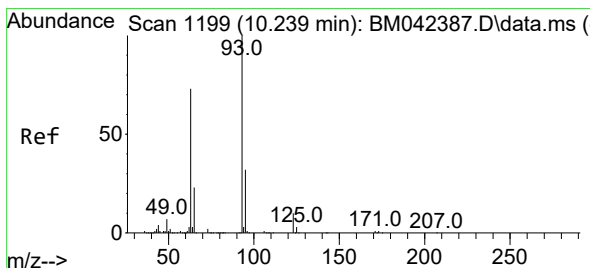
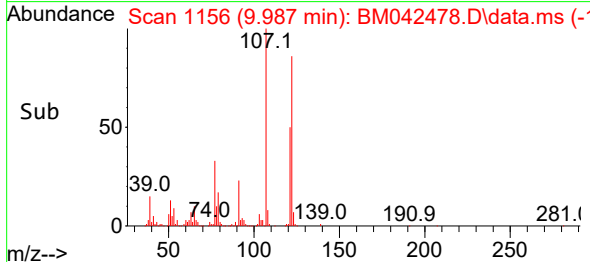
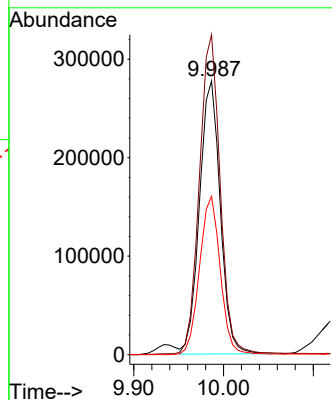
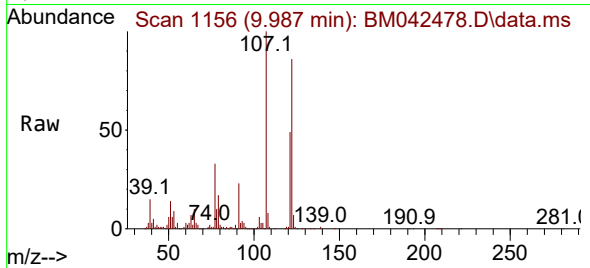
Tgt Ion:122 Resp: 445202

Ion Ratio Lower Upper

122 100

107 116.9 96.3 144.5

121 57.8 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.678 ng

RT: 10.234 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

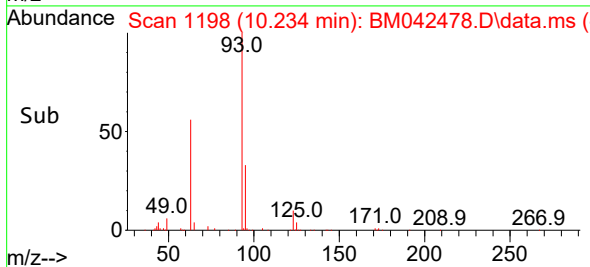
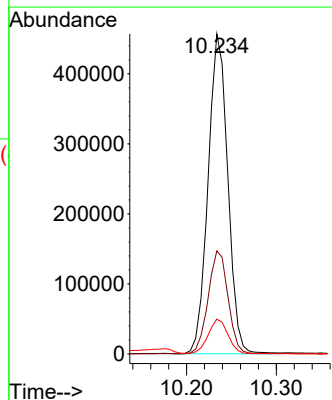
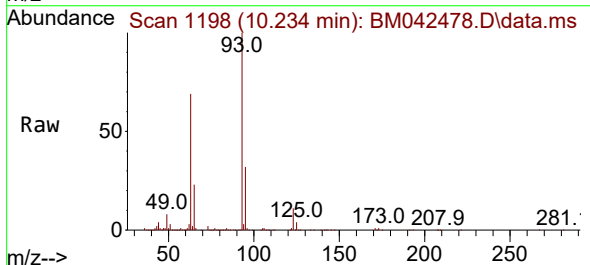
Tgt Ion: 93 Resp: 697607

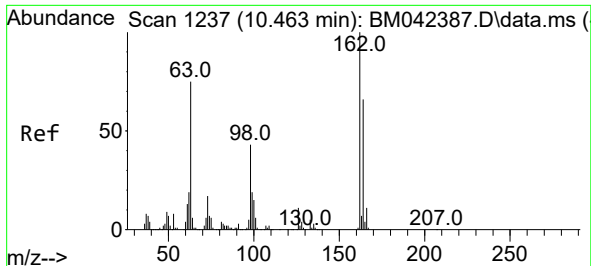
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 10.9 8.2 12.2

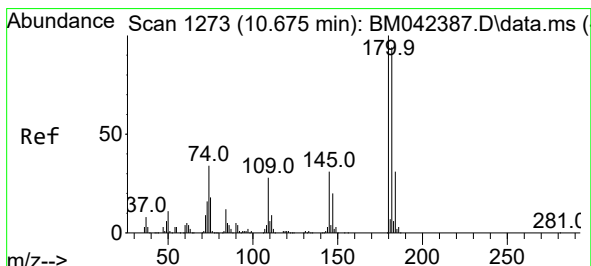
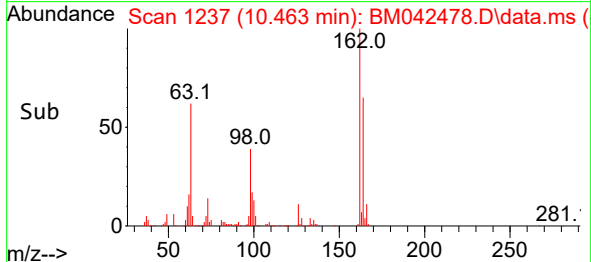
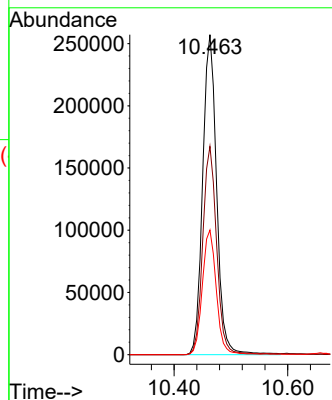
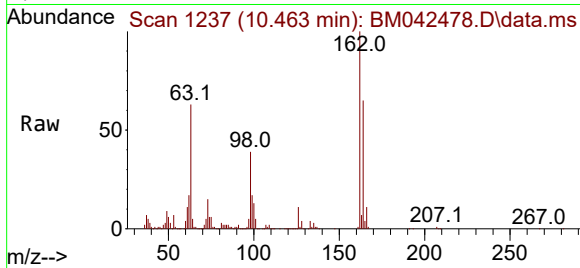




#29
2,4-Dichlorophenol
Concen: 43.714 ng
RT: 10.463 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

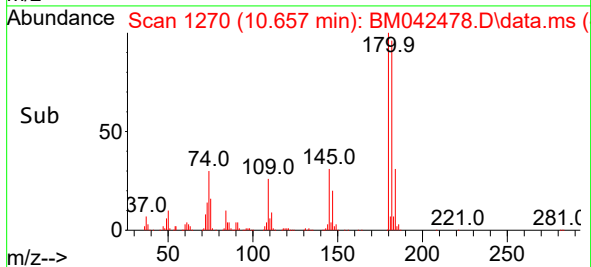
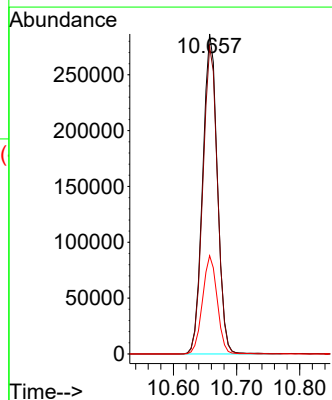
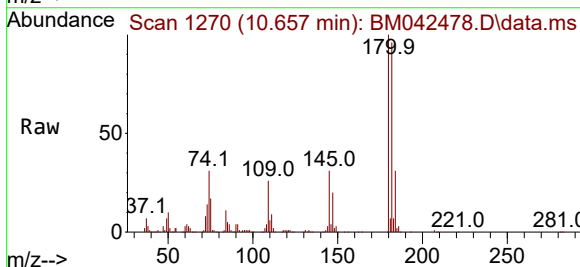
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

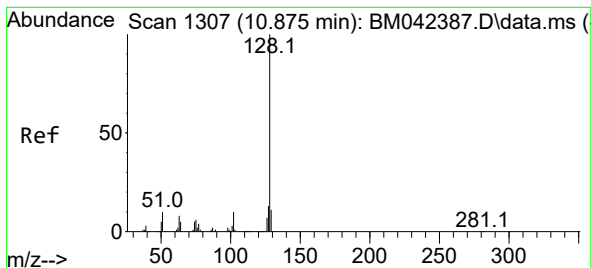
Tgt Ion:162 Resp: 438973
Ion Ratio Lower Upper
162 100
164 65.1 45.9 85.9
98 39.0 23.4 63.4



#30
1,2,4-Trichlorobenzene
Concen: 43.067 ng
RT: 10.657 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:180 Resp: 463634
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.4
145 30.7 24.6 36.8

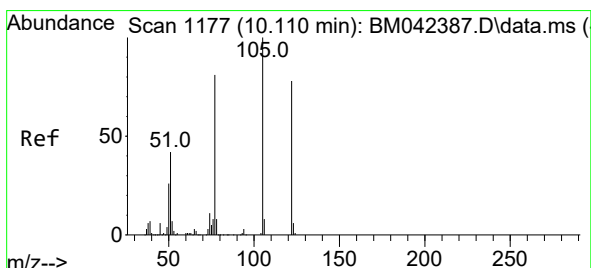
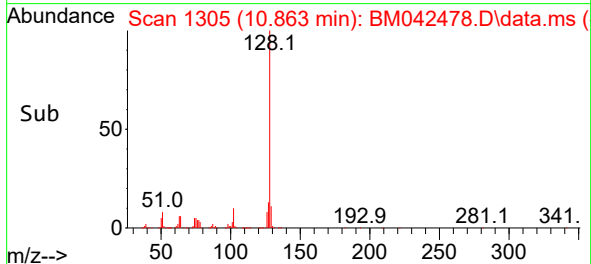
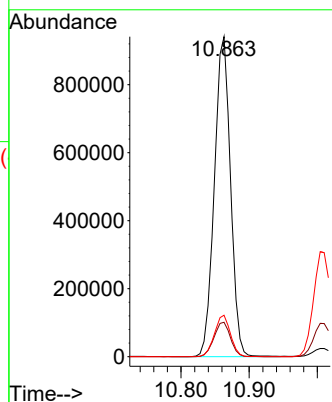
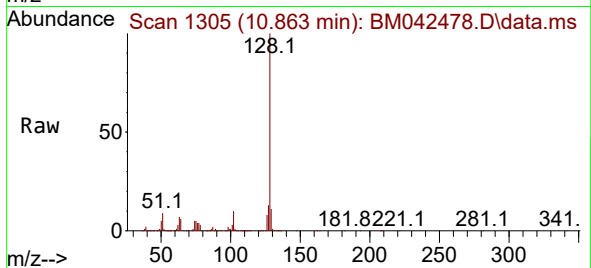




#31
Naphthalene
Concen: 40.768 ng
RT: 10.863 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

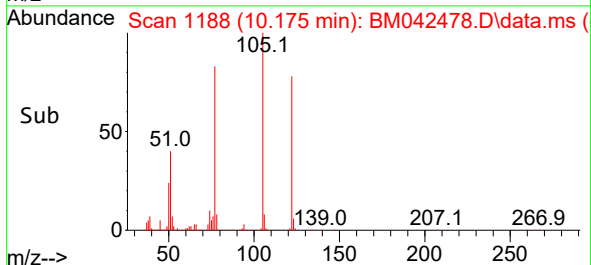
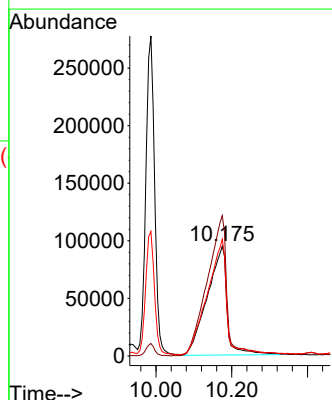
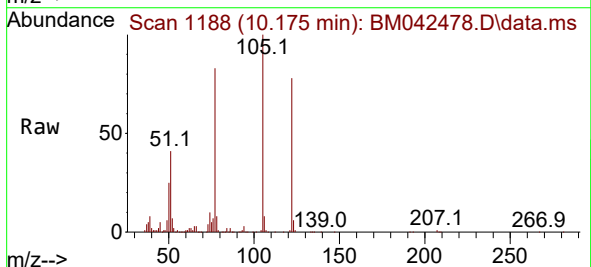
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

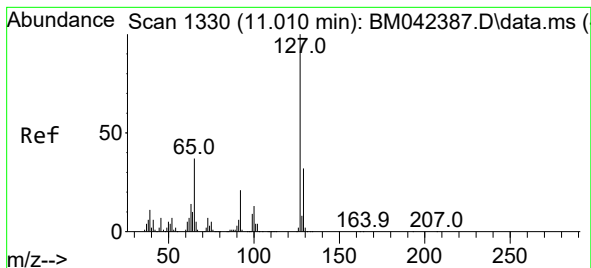
Tgt Ion:128 Resp: 1551127
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 41.379 ng
RT: 10.175 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:122 Resp: 342500
Ion Ratio Lower Upper
122 100
105 127.8 104.9 144.9
77 106.4 83.4 123.4





#33

4-Chloroaniline

Concen: 36.749 ng

RT: 11.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 607073

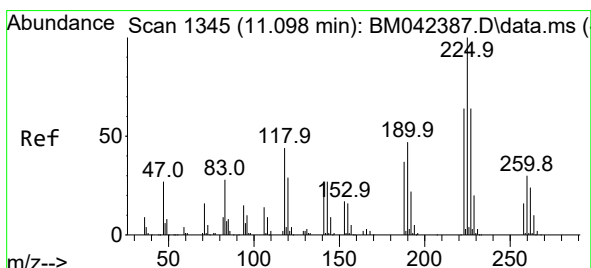
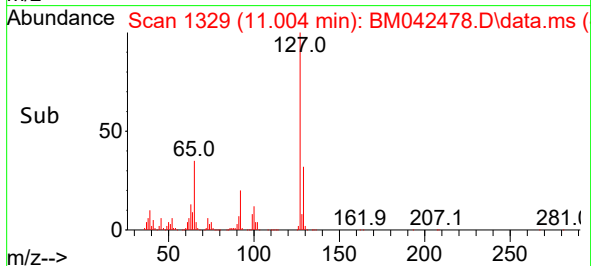
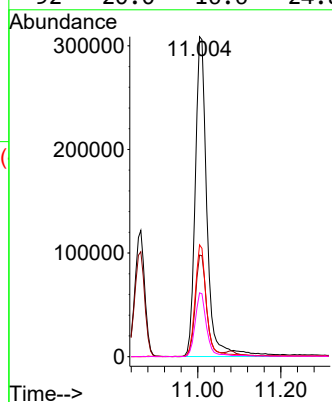
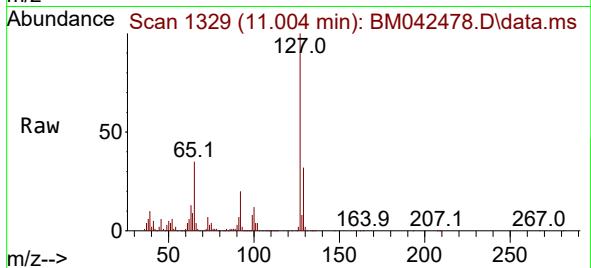
Ion Ratio Lower Upper

127 100

129 31.7 25.3 37.9

65 35.0 29.6 44.4

92 20.0 16.6 24.8



#34

Hexachlorobutadiene

Concen: 48.274 ng

RT: 11.081 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

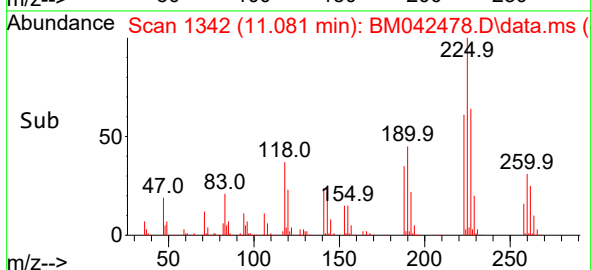
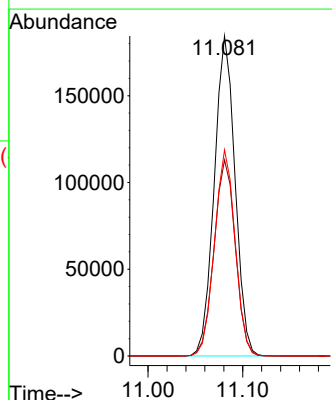
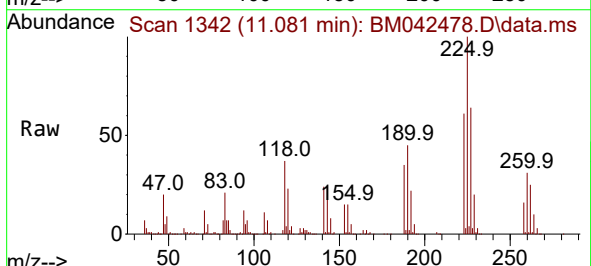
Tgt Ion:225 Resp: 281216

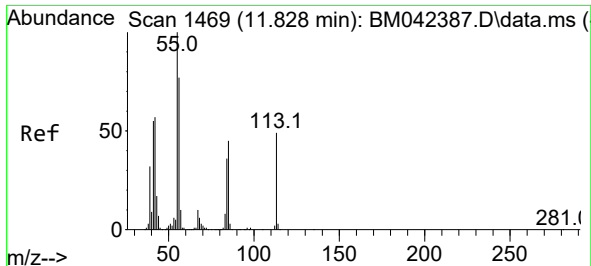
Ion Ratio Lower Upper

225 100

223 61.3 51.5 77.3

227 64.4 51.3 76.9

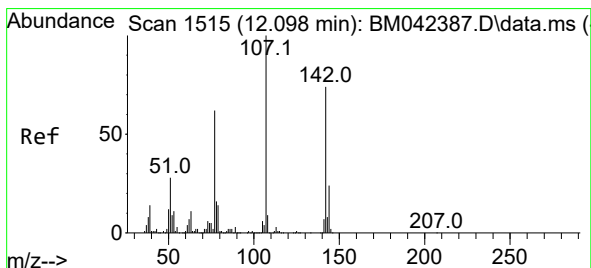
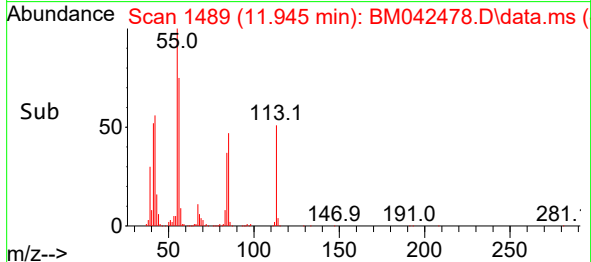
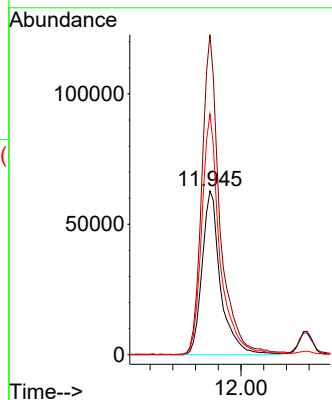
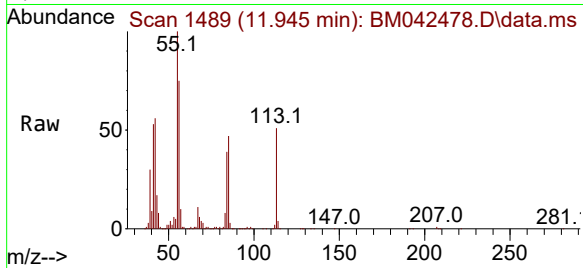




#35
Caprolactam
Concen: 36.933 ng
RT: 11.945 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

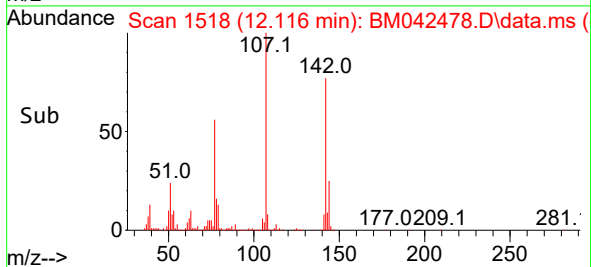
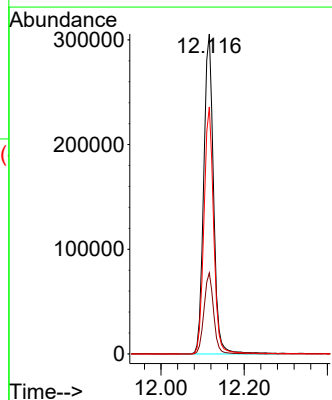
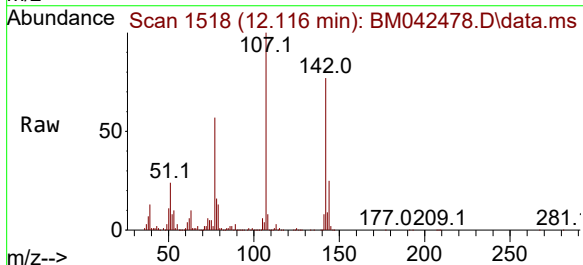
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

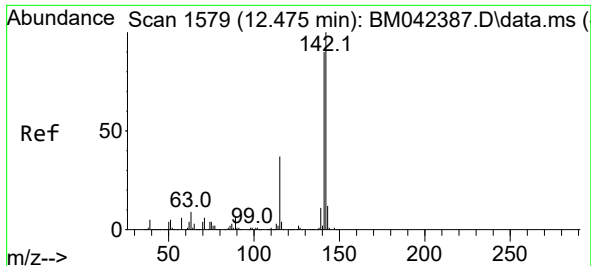
Tgt Ion:113 Resp: 141006
Ion Ratio Lower Upper
113 100
55 195.5 185.6 225.6
56 147.0 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 41.339 ng
RT: 12.116 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:107 Resp: 500952
Ion Ratio Lower Upper
107 100
144 25.3 18.9 28.3
142 77.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.010 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

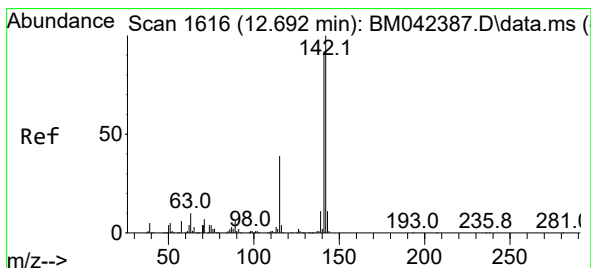
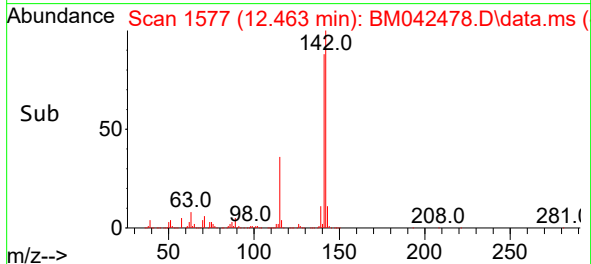
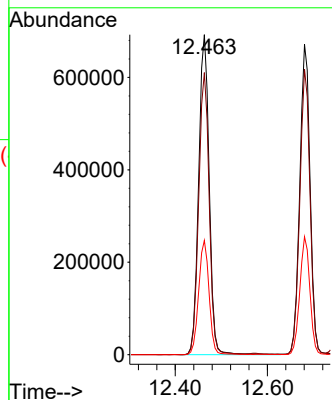
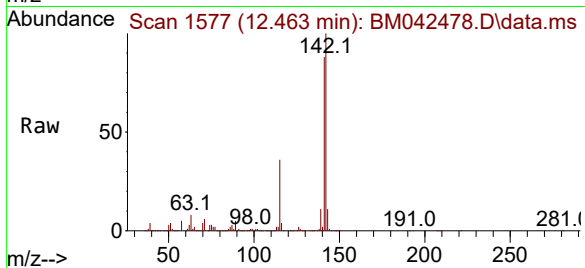
Tgt Ion:142 Resp: 1101607

Ion Ratio Lower Upper

142 100

141 88.1 72.0 108.0

115 35.7 29.4 44.2



#38

1-Methylnaphthalene

Concen: 43.210 ng

RT: 12.681 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

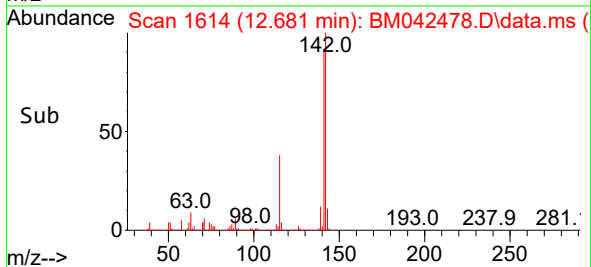
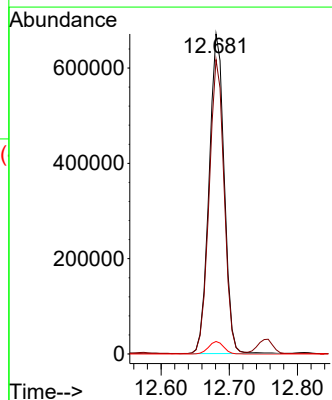
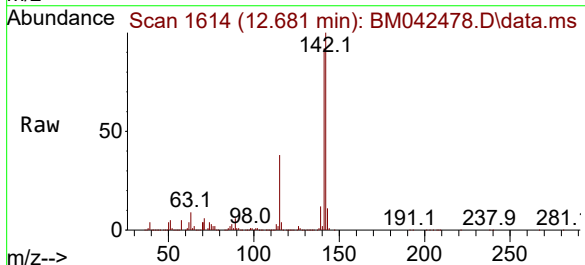
Tgt Ion:142 Resp: 1036791

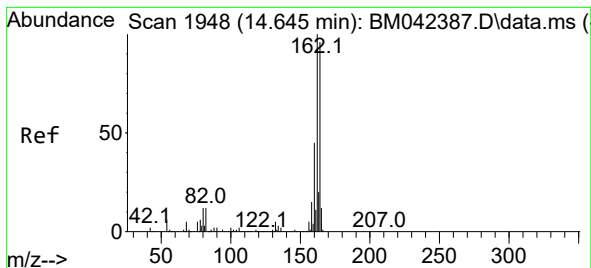
Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

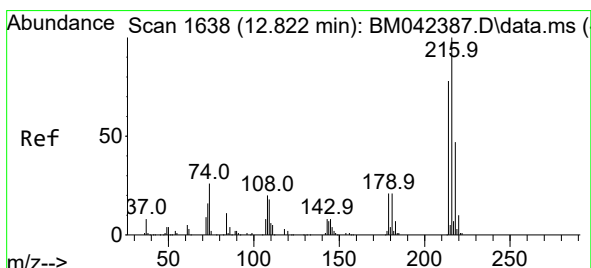
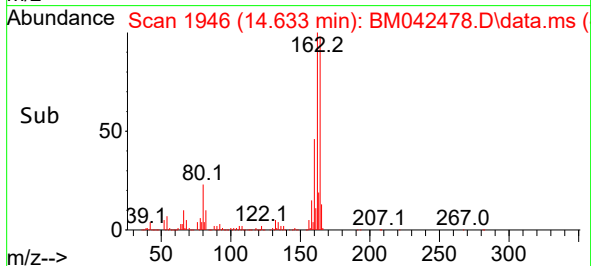
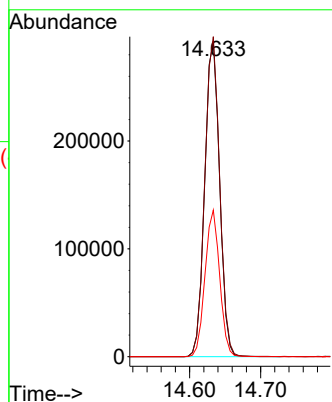
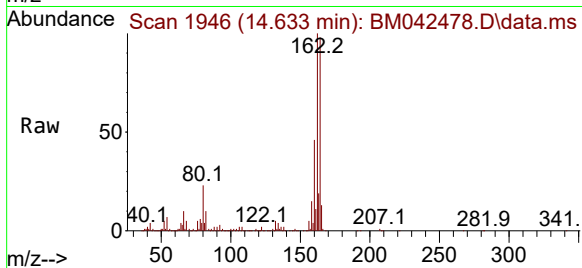
Tgt Ion:164 Resp: 427127

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

160 46.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.109 ng

RT: 12.810 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Tgt Ion:216 Resp: 532311

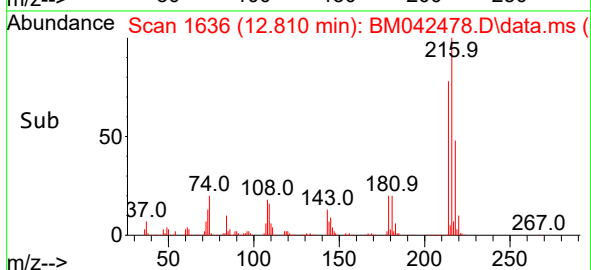
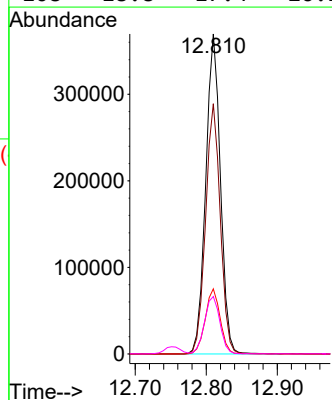
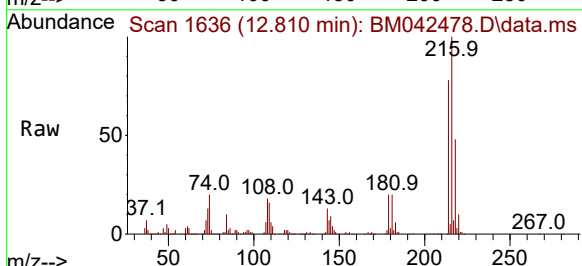
Ion Ratio Lower Upper

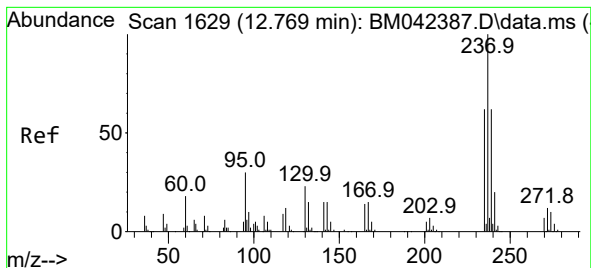
216 100

214 78.3 63.0 94.4

179 20.7 17.2 25.8

108 18.8 17.4 26.2

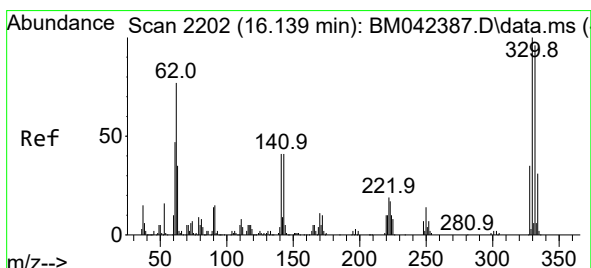
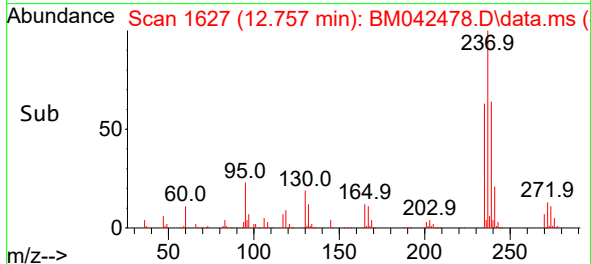
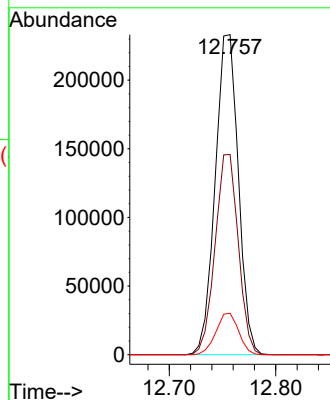
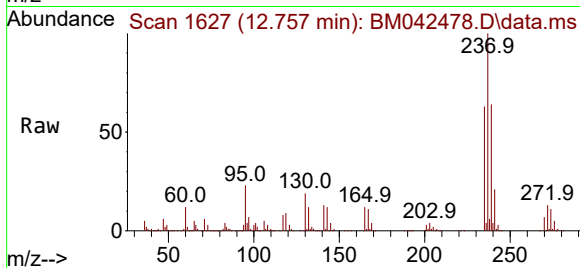




#41
Hexachlorocyclopentadiene
Concen: 54.091 ng
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

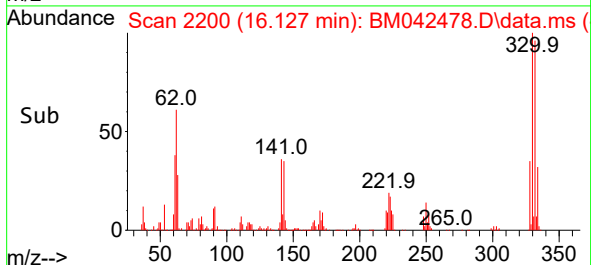
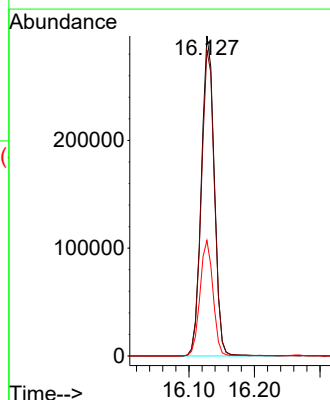
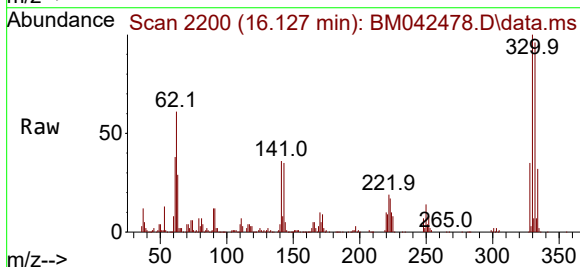
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

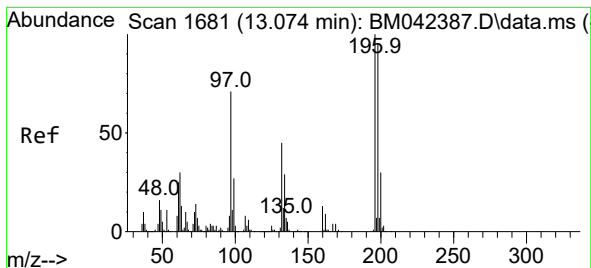
Tgt Ion:237 Resp: 351623
Ion Ratio Lower Upper
237 100
235 62.6 41.5 81.5
272 12.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 89.753 ng
RT: 16.127 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:330 Resp: 408840
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 36.5 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 43.699 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

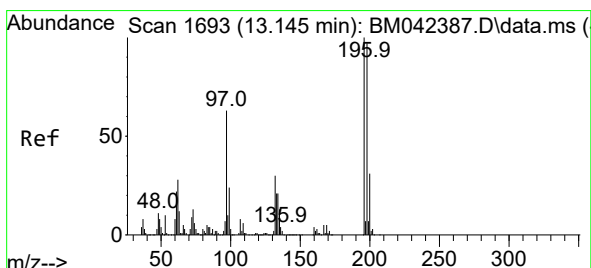
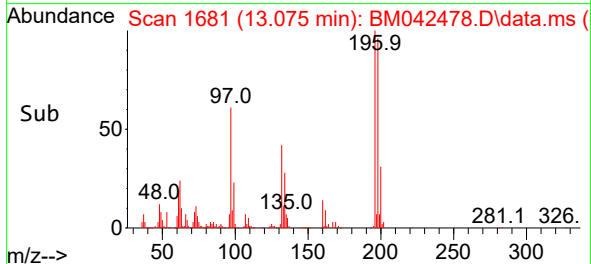
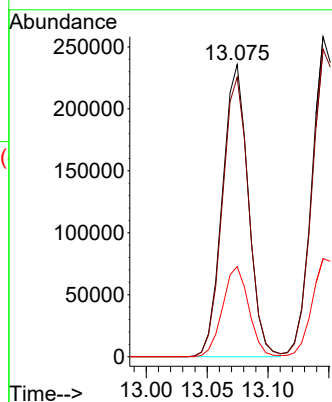
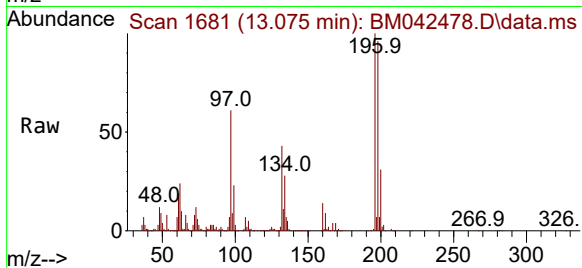
Tgt Ion:196 Resp: 349306

Ion Ratio Lower Upper

196 100

198 95.6 76.3 114.5

200 30.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 42.866 ng

RT: 13.145 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Tgt Ion:196 Resp: 405054

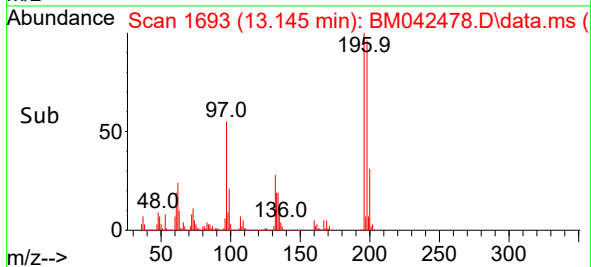
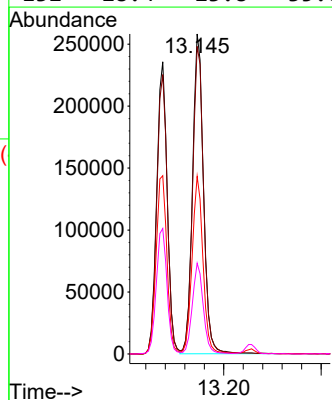
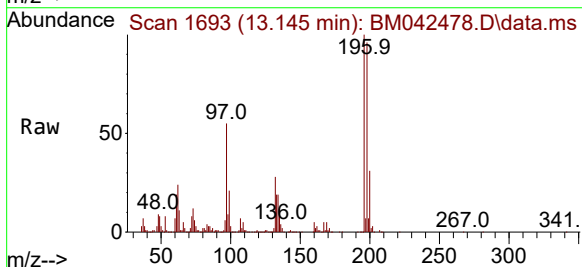
Ion Ratio Lower Upper

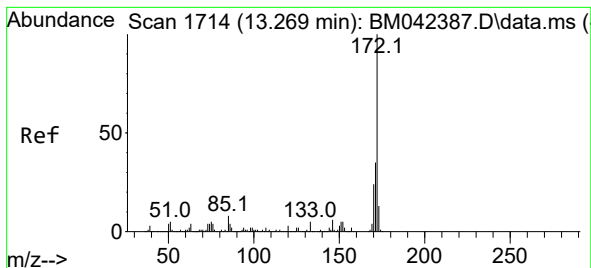
196 100

198 96.1 77.9 116.9

97 55.5 50.9 76.3

132 28.4 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 80.483 ng

RT: 13.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

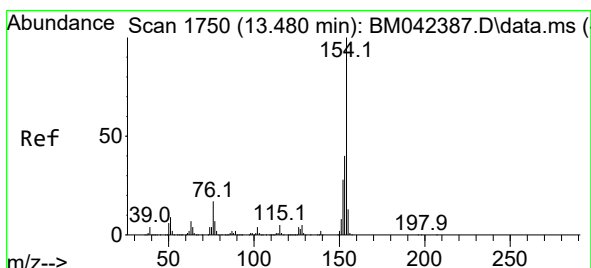
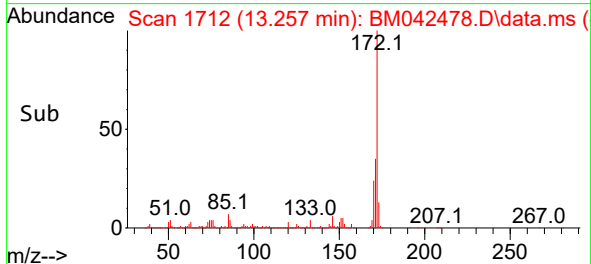
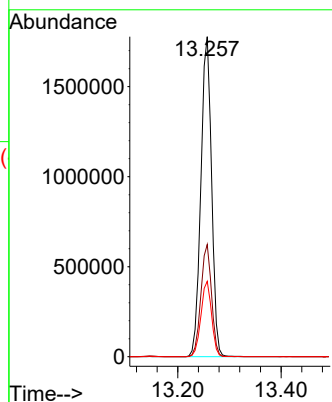
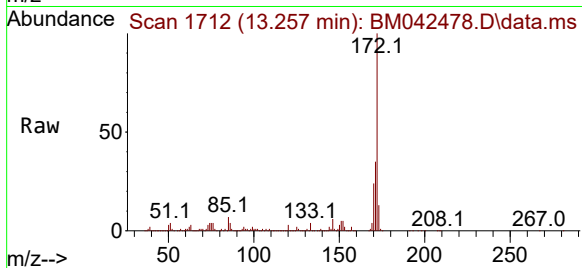
Tgt Ion:172 Resp: 2552814

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.151 ng

RT: 13.469 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

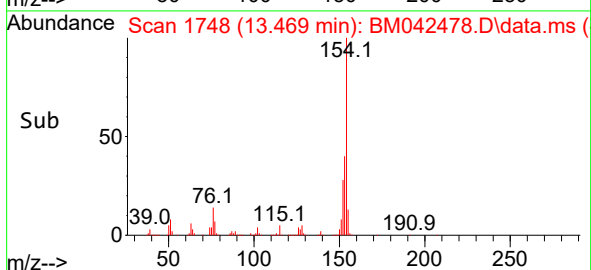
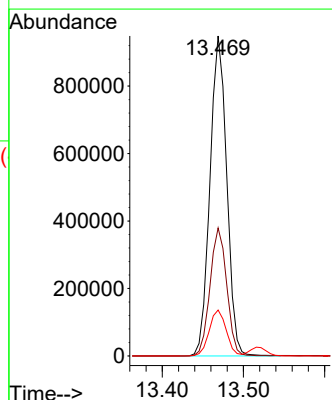
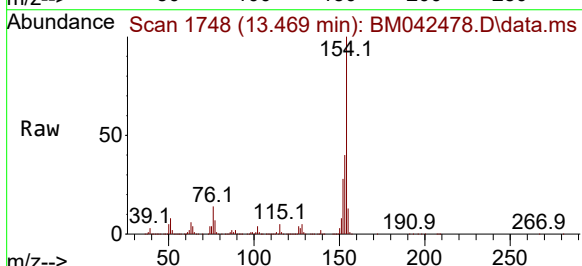
Tgt Ion:154 Resp: 1360485

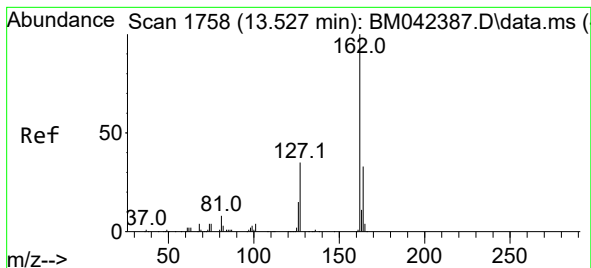
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 14.3 0.0 36.9





#47

2-Chloronaphthalene

Concen: 39.840 ng

RT: 13.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

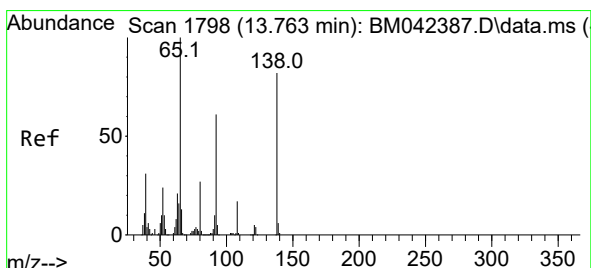
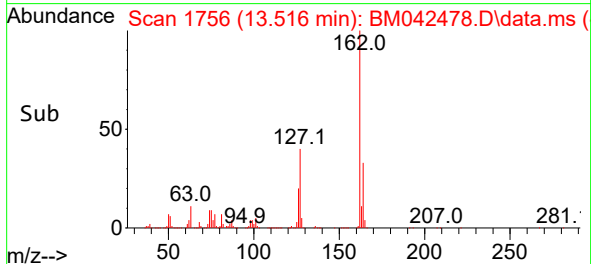
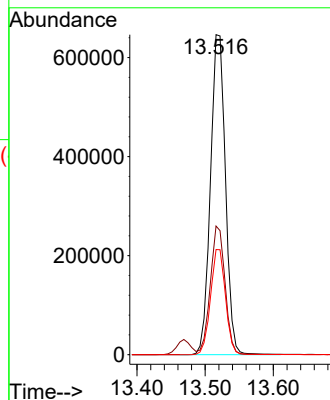
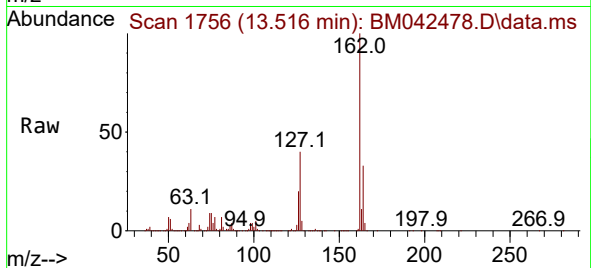
Tgt Ion:162 Resp: 990392

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 32.394 ng

RT: 13.763 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

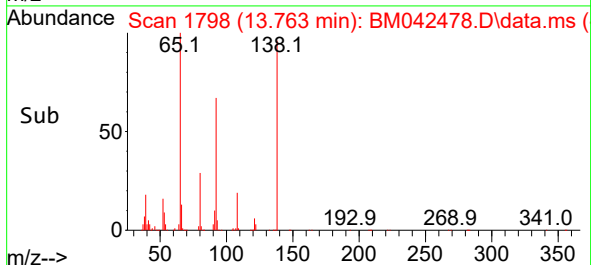
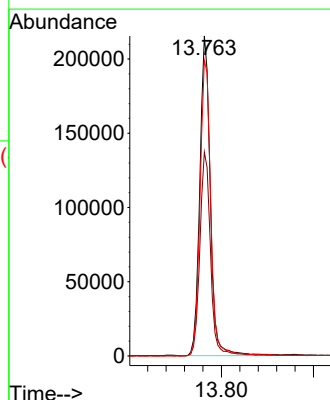
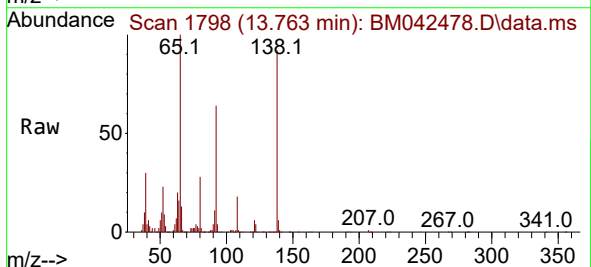
Tgt Ion: 65 Resp: 341718

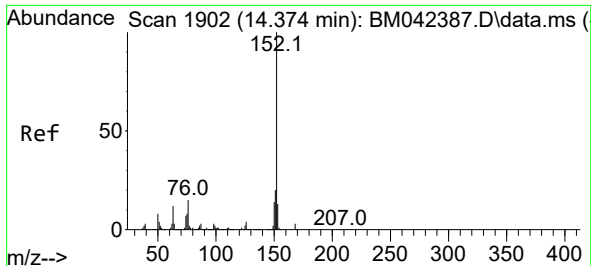
Ion Ratio Lower Upper

65 100

92 63.7 49.0 73.6

138 92.3 65.5 98.3

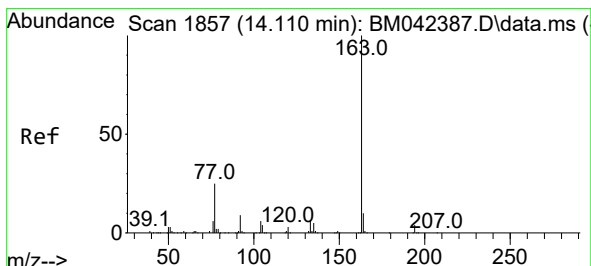
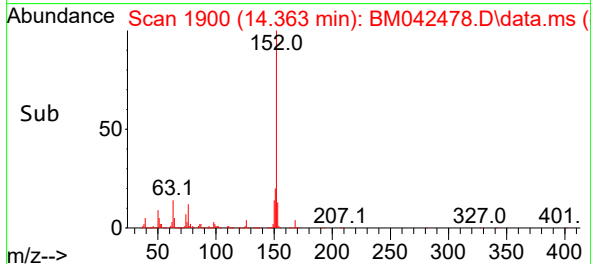
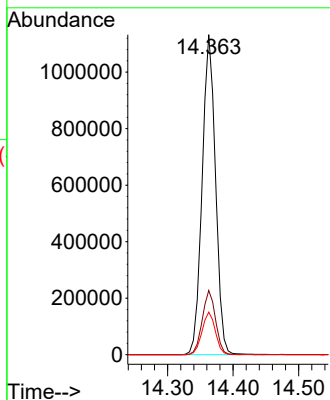
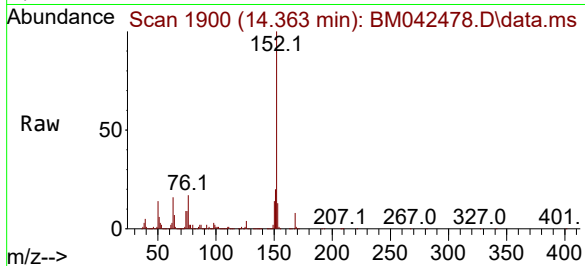




#49
Acenaphthylene
Concen: 40.133 ng
RT: 14.363 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

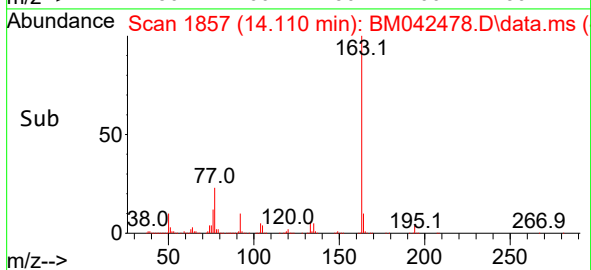
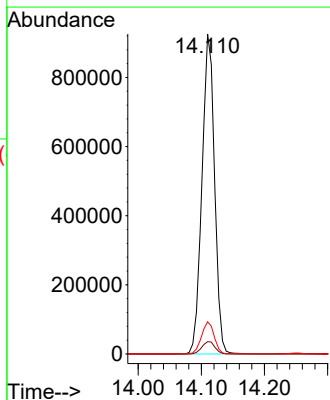
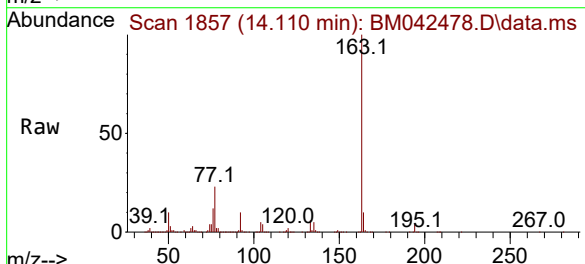
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

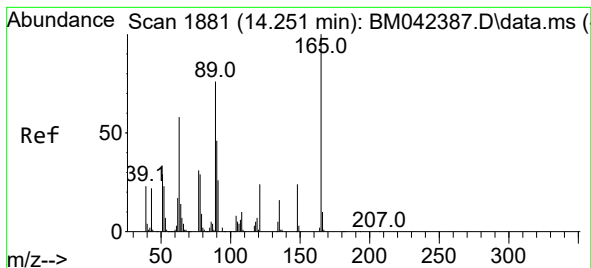
Tgt Ion:152 Resp: 1610662
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 40.889 ng
RT: 14.110 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:163 Resp: 1281043
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 38.914 ng

RT: 14.251 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

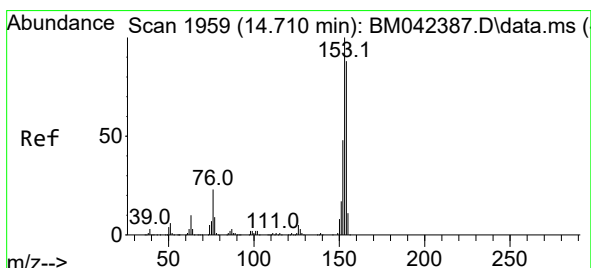
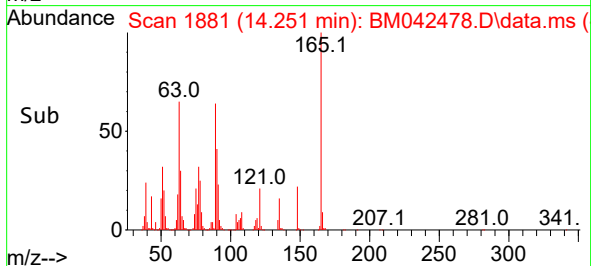
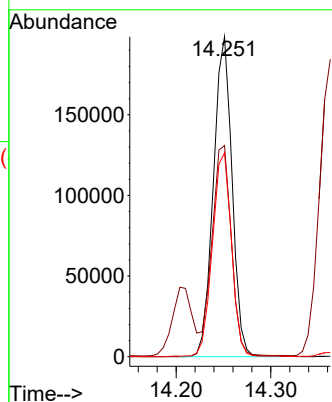
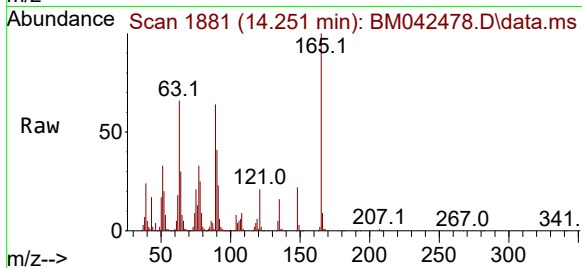
Tgt Ion:165 Resp: 271166

Ion Ratio Lower Upper

165 100

63 66.0 65.3 97.9

89 63.8 60.6 91.0



#52

Acenaphthene

Concen: 40.196 ng

RT: 14.698 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

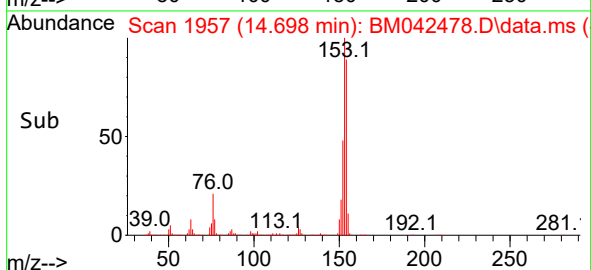
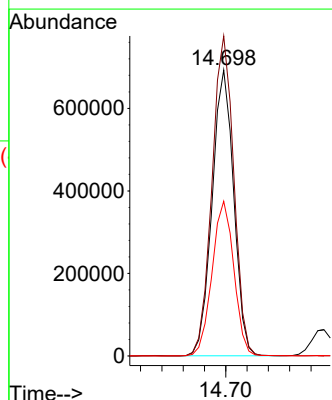
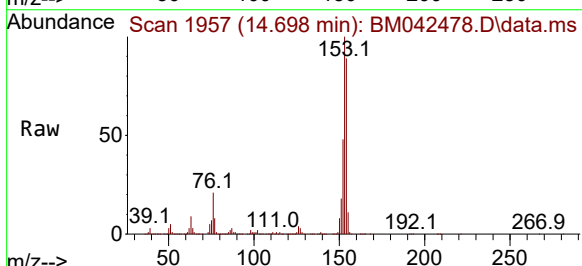
Tgt Ion:154 Resp: 975306

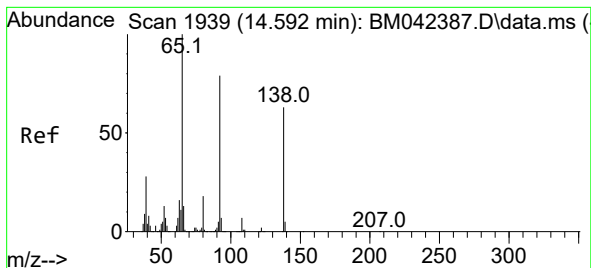
Ion Ratio Lower Upper

154 100

153 111.9 91.1 136.7

152 54.1 44.0 66.0

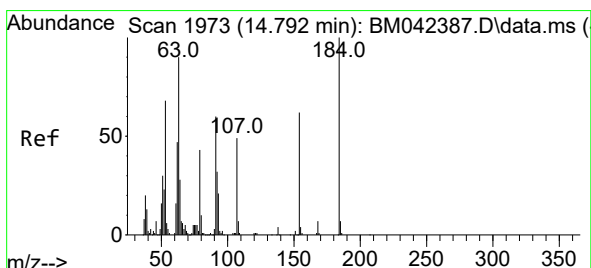
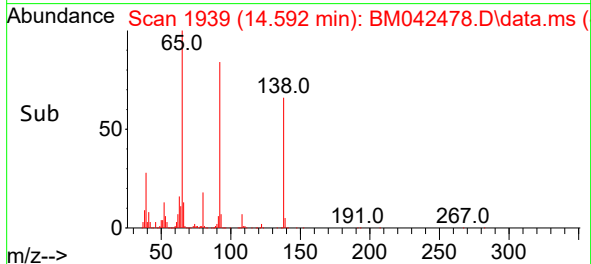
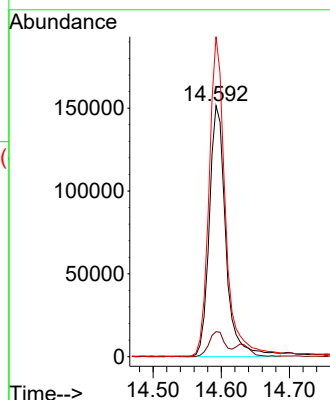
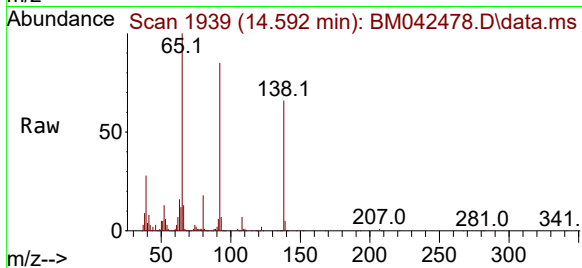




#53
3-Nitroaniline
Concen: 31.774 ng
RT: 14.592 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

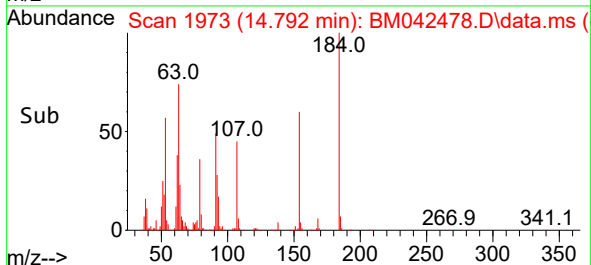
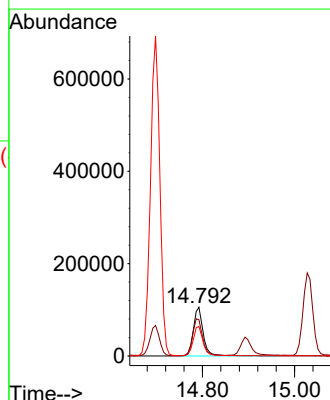
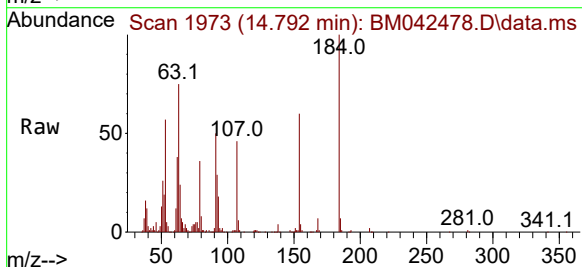
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

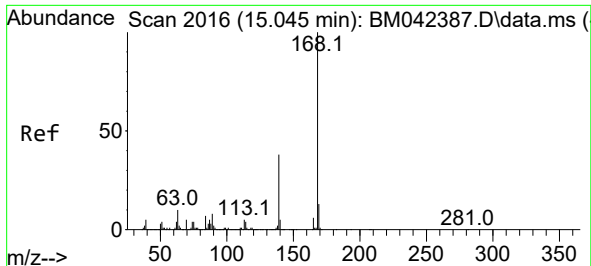
Tgt Ion:138 Resp: 256585
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 127.5 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 40.273 ng
RT: 14.792 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:184 Resp: 156679
Ion Ratio Lower Upper
184 100
63 74.6 72.2 108.2
154 60.4 49.6 74.4

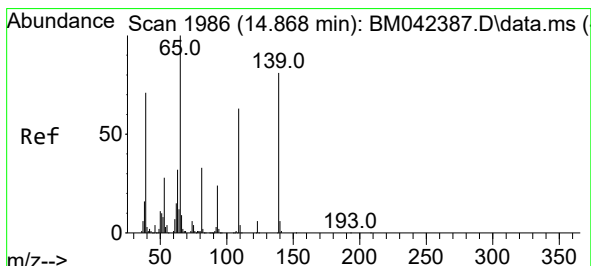
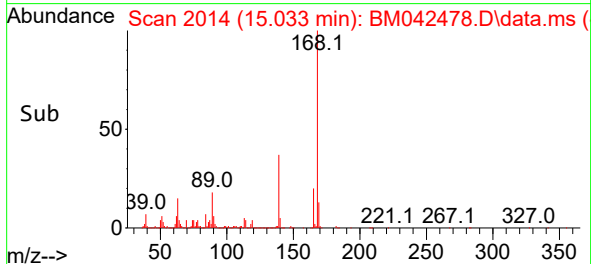
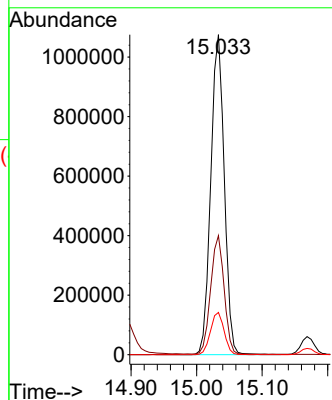
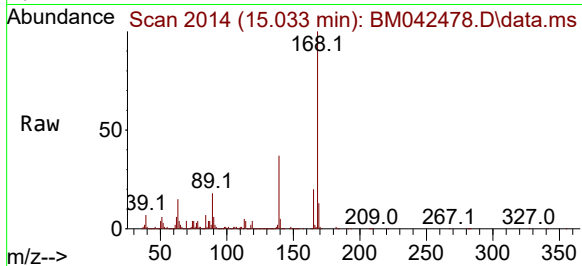




#55
Dibenzenofuran
Concen: 40.084 ng
RT: 15.033 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

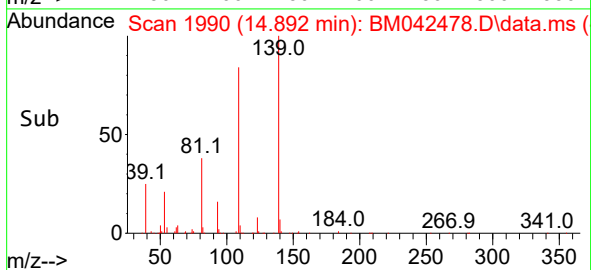
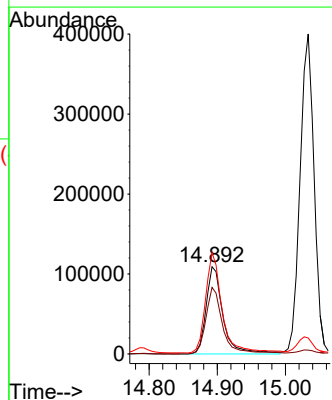
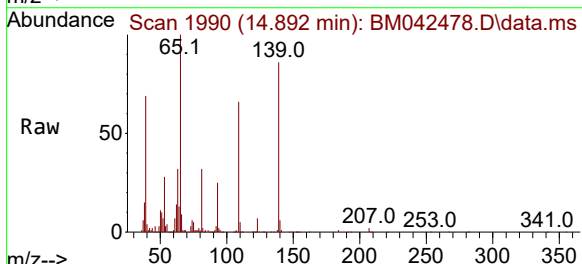
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

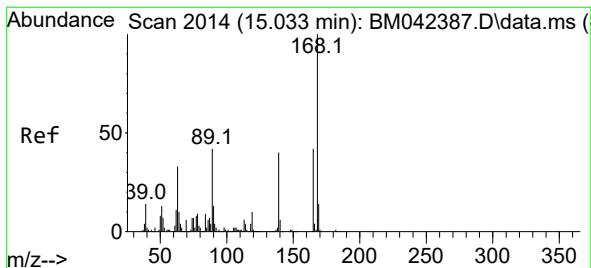
Tgt Ion:168 Resp: 1538290
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 29.699 ng
RT: 14.892 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:139 Resp: 189506
Ion Ratio Lower Upper
139 100
109 76.4 58.0 98.0
65 116.4 104.2 144.2

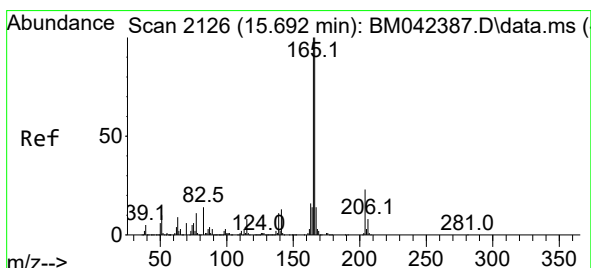
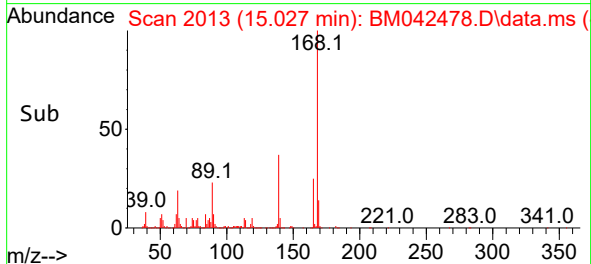
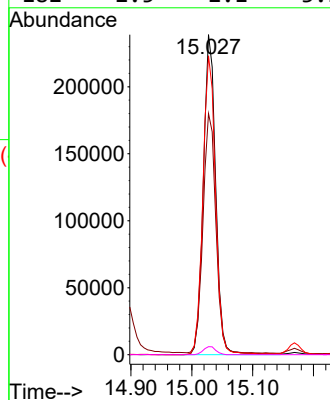
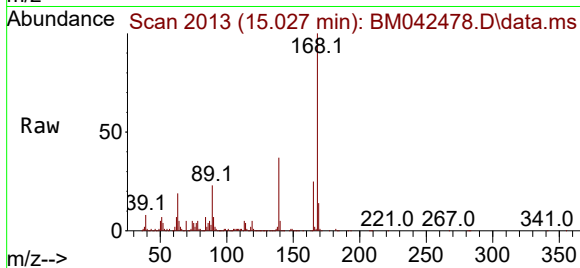




#57
2,4-Dinitrotoluene
Concen: 36.754 ng
RT: 15.027 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

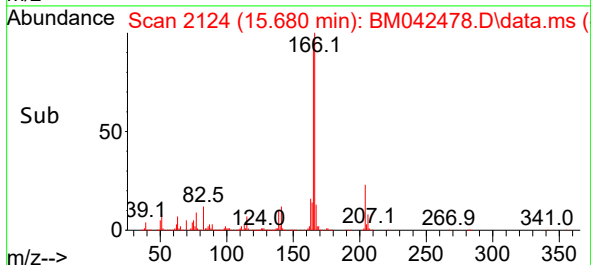
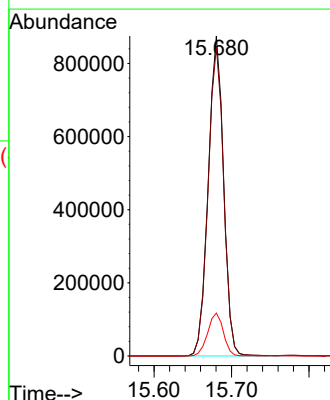
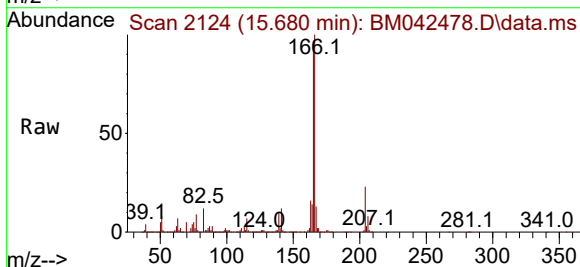
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

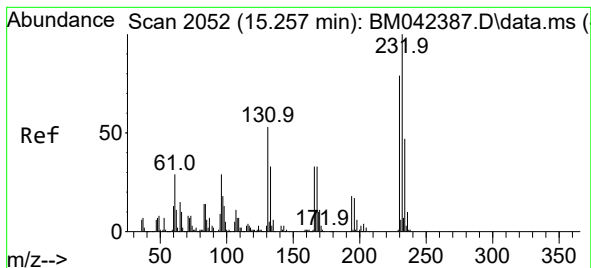
Tgt Ion:165 Resp: 337901
Ion Ratio Lower Upper
165 100
63 75.3 62.9 94.3
89 93.4 80.2 120.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 39.830 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:166 Resp: 1206186
Ion Ratio Lower Upper
166 100
165 96.5 79.6 119.4
167 13.4 10.9 16.3

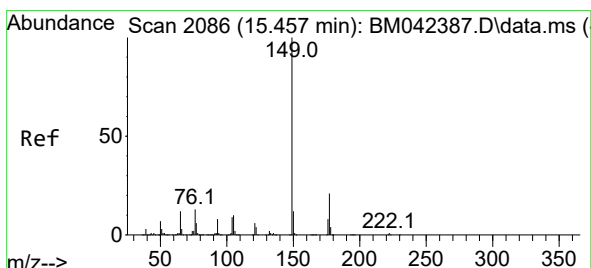
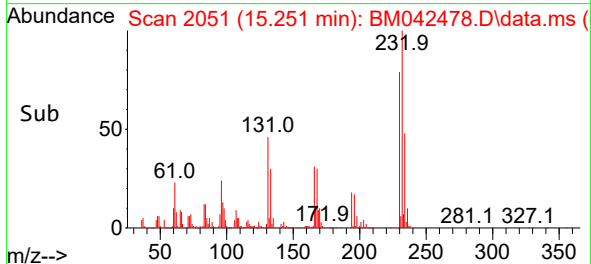
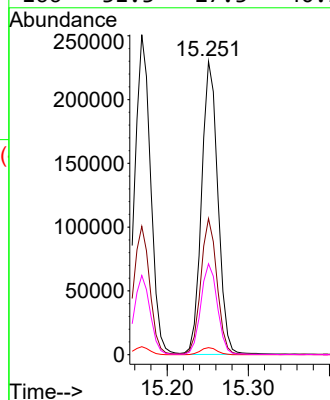
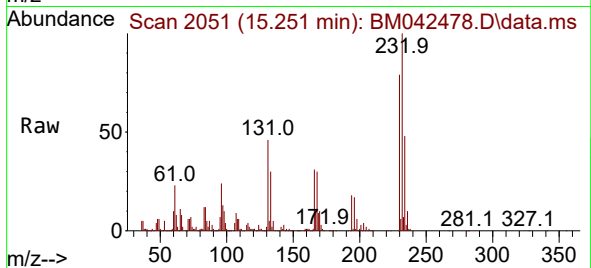




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.150 ng
RT: 15.251 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

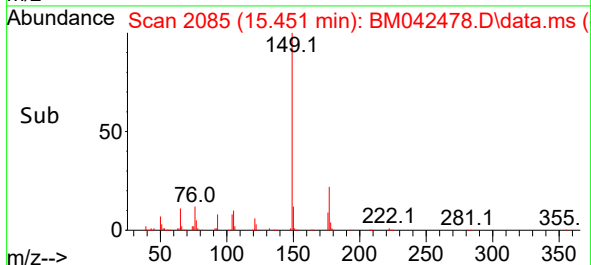
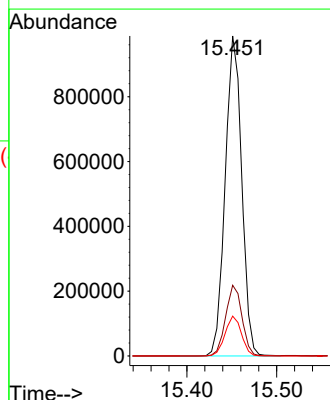
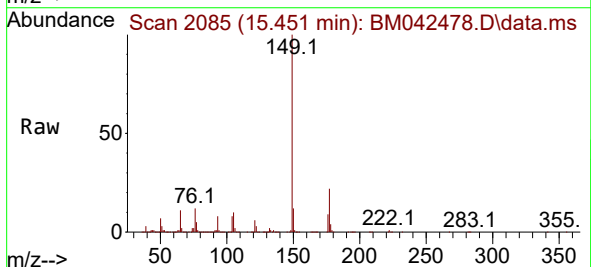
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

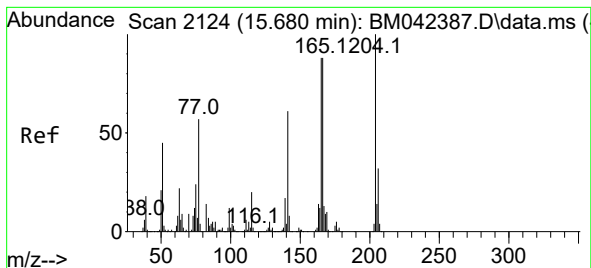
Tgt Ion:232 Resp: 320505
Ion Ratio Lower Upper
232 100
131 46.0 42.8 64.2
130 2.4 2.2 3.2
166 31.3 27.3 40.9



#60
Diethylphthalate
Concen: 40.827 ng
RT: 15.451 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:149 Resp: 1262270
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.5 9.8 14.6

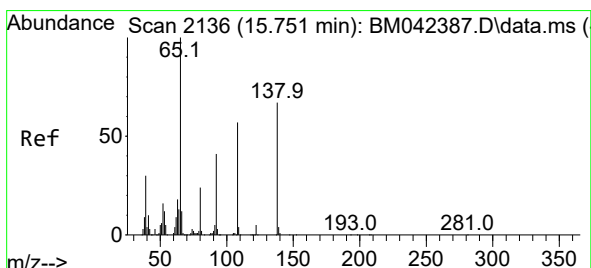
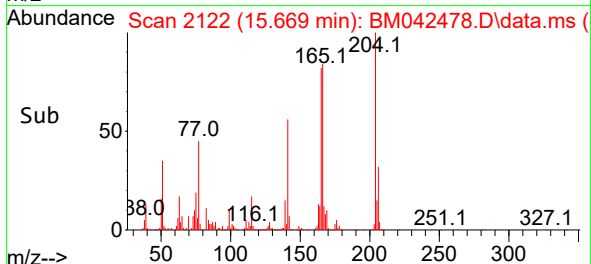
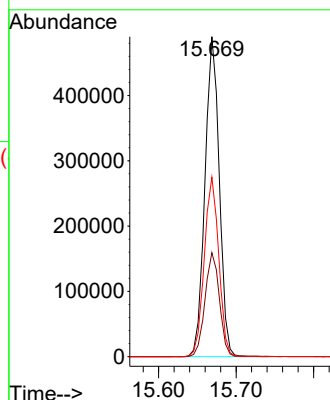
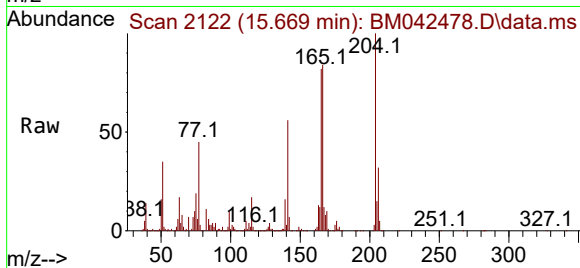




#61
4-Chlorophenyl-phenylether
Concen: 44.130 ng
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

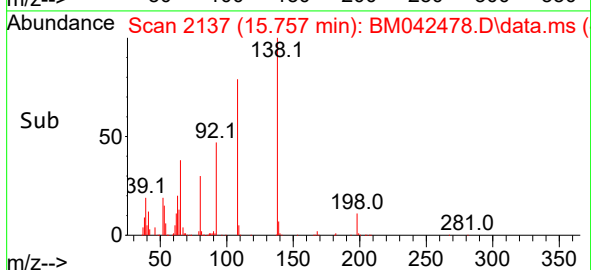
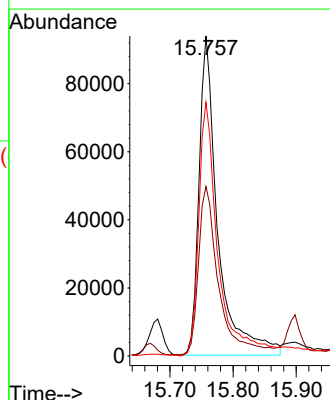
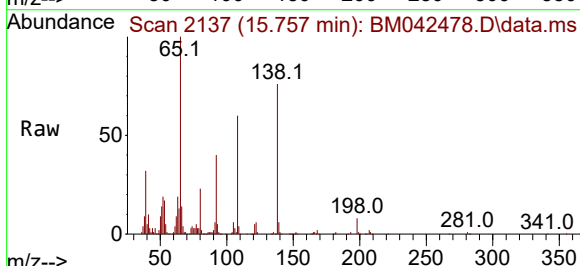
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

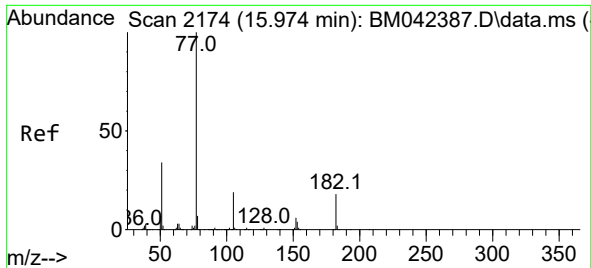
Tgt Ion:204 Resp: 629371
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 56.1 49.1 73.7



#62
4-Nitroaniline
Concen: 25.979 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:138 Resp: 193859
Ion Ratio Lower Upper
138 100
92 53.0 40.4 80.4
108 79.2 65.3 105.3

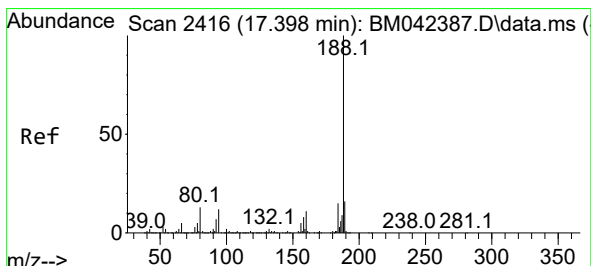
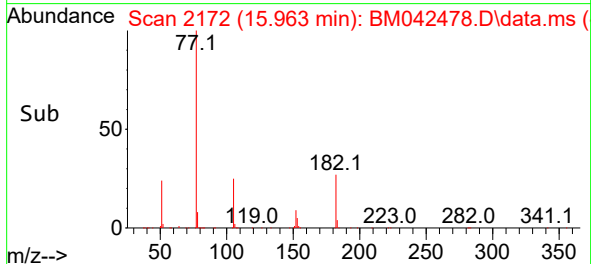
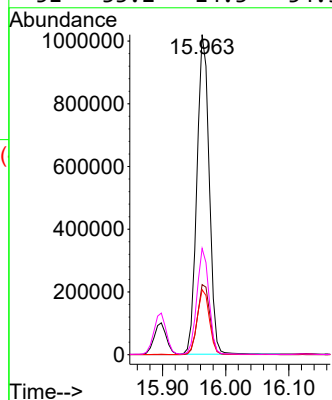
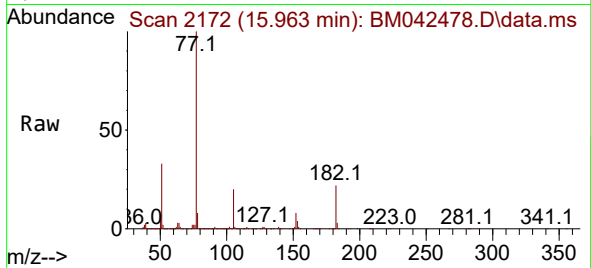




#63
Azobenzene
Concen: 36.970 ng
RT: 15.963 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

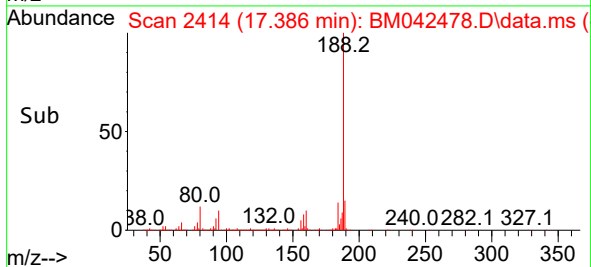
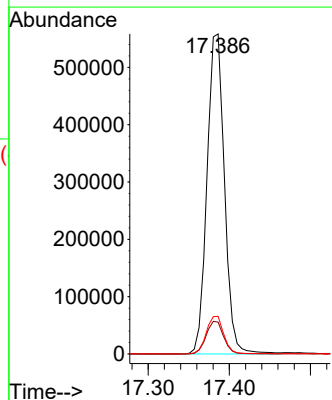
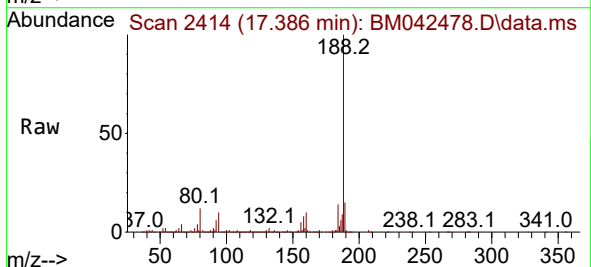
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

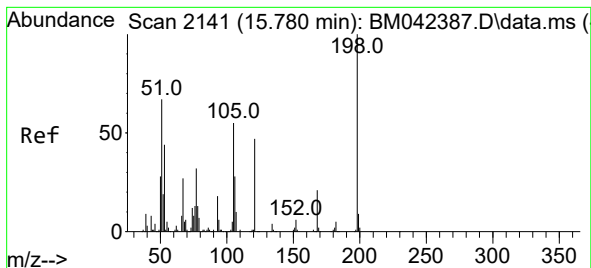
Tgt Ion: 77 Resp: 1371354
Ion Ratio Lower Upper
77 100
182 21.9 0.0 37.7
105 20.3 0.0 38.9
51 33.2 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:188 Resp: 832644
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.0
80 11.7 10.7 16.1

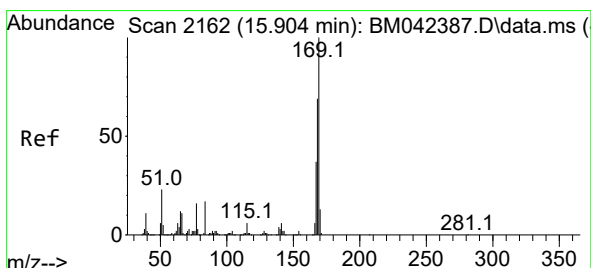
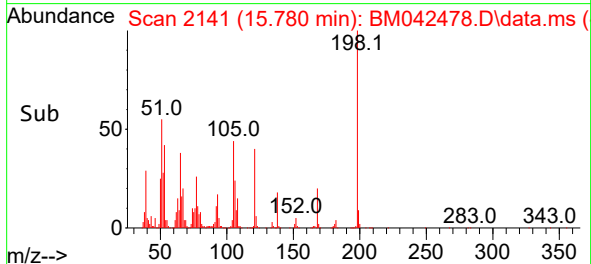
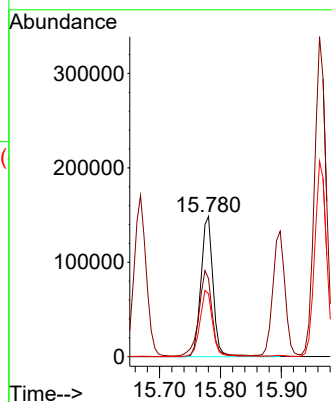
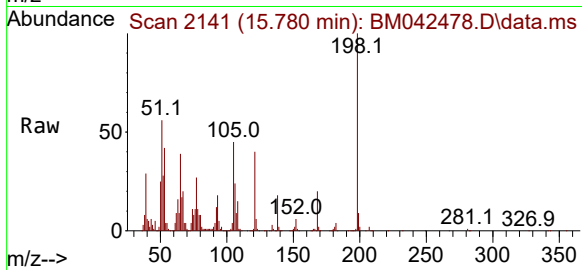




#65
4,6-Dinitro-2-methylphenol
Concen: 39.812 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

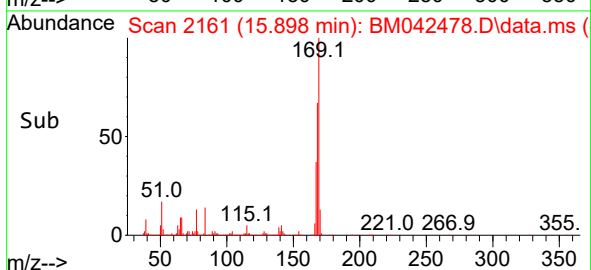
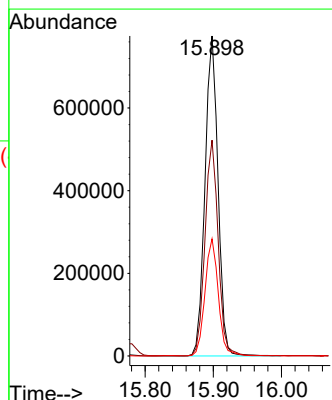
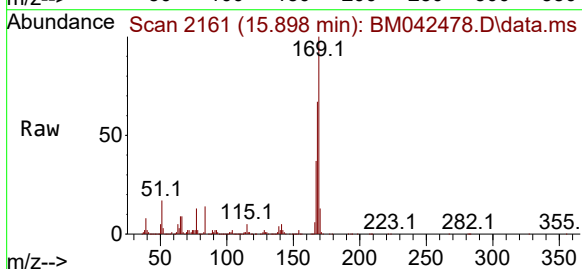
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

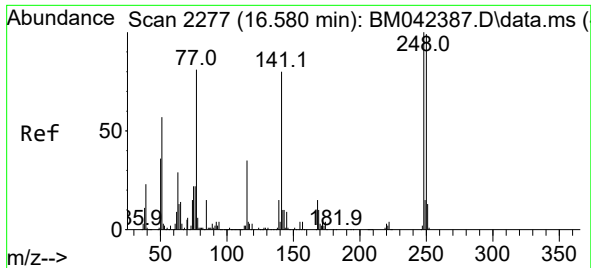
Tgt Ion:198 Resp: 205418
Ion Ratio Lower Upper
198 100
51 55.7 54.1 94.1
105 44.8 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 41.000 ng
RT: 15.898 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:169 Resp: 1028244
Ion Ratio Lower Upper
169 100
168 67.4 55.4 83.2
167 36.6 29.9 44.9

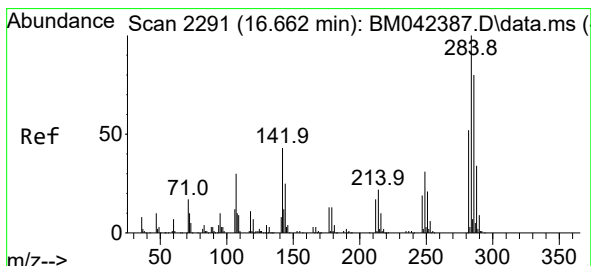
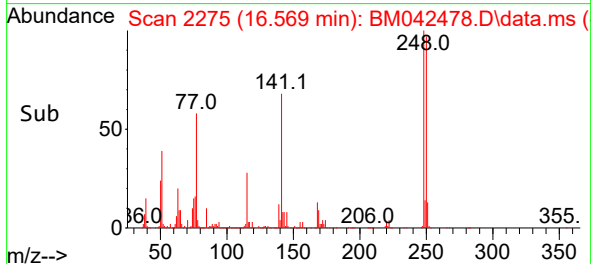
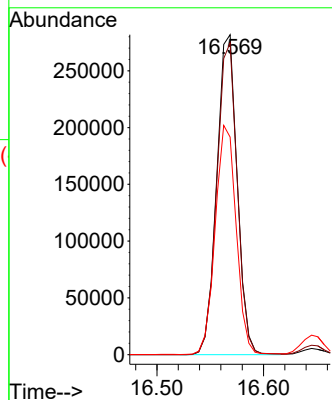
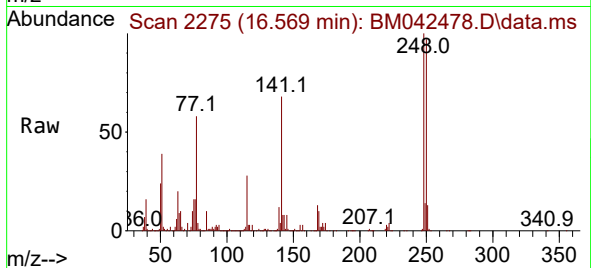




#67
4-Bromophenyl-phenylether
Concen: 48.613 ng
RT: 16.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

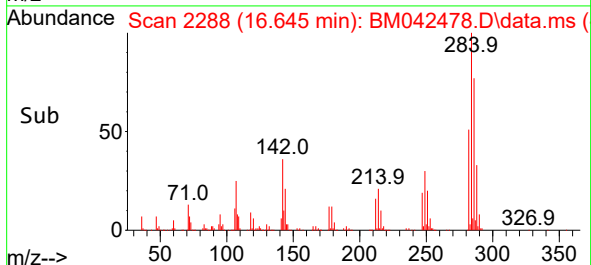
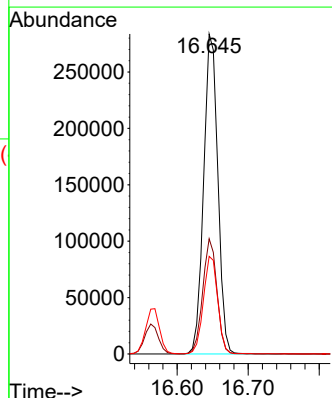
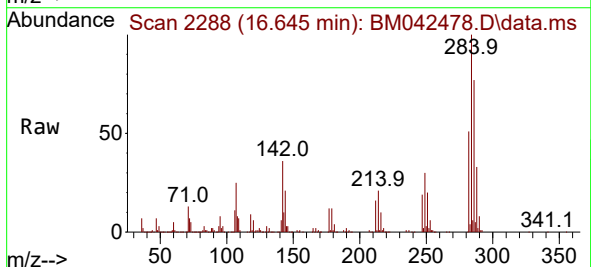
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

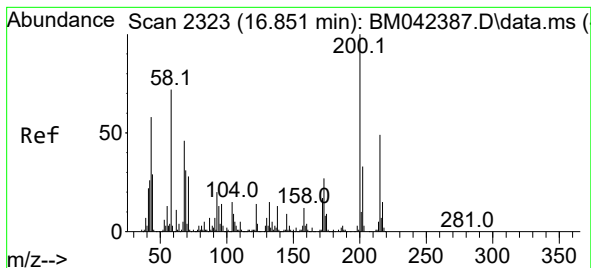
Tgt Ion:248 Resp: 375152
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.2
141 68.0 64.3 96.5



#68
Hexachlorobenzene
Concen: 47.914 ng
RT: 16.645 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:284 Resp: 395240
Ion Ratio Lower Upper
284 100
142 36.0 34.2 51.2
249 30.5 24.7 37.1





#69

Atrazine

Concen: 44.147 ng

RT: 16.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

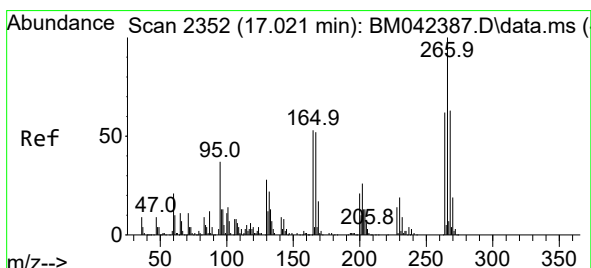
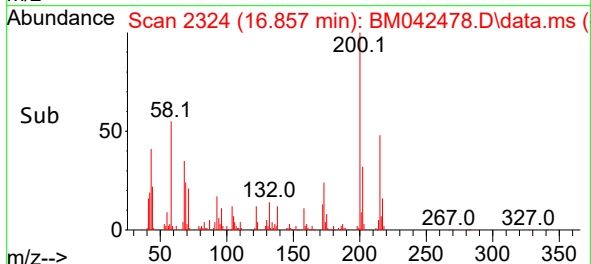
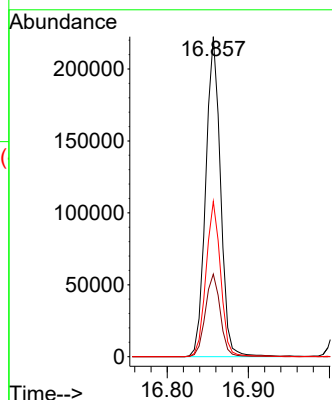
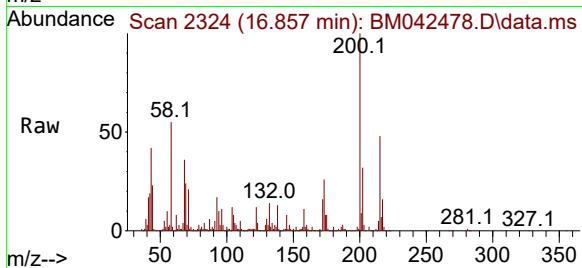
Tgt Ion:200 Resp: 280766

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

215 48.5 28.6 68.6



#70

Pentachlorophenol

Concen: 44.238 ng

RT: 17.016 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

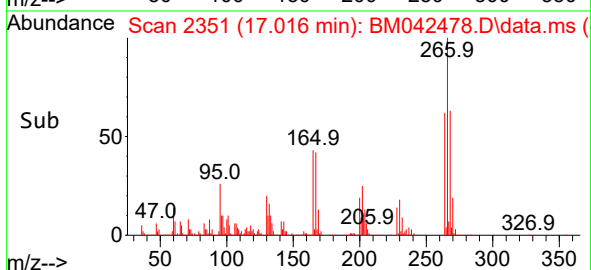
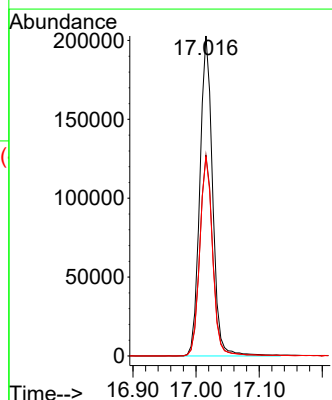
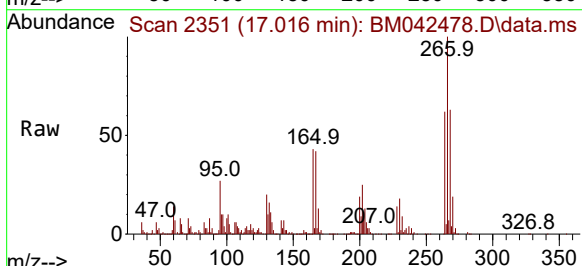
Tgt Ion:266 Resp: 284715

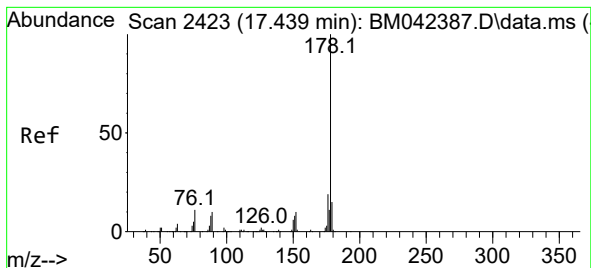
Ion Ratio Lower Upper

266 100

268 62.8 50.6 76.0

264 62.3 49.4 74.0





#71

Phenanthrene

Concen: 39.310 ng

RT: 17.427 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

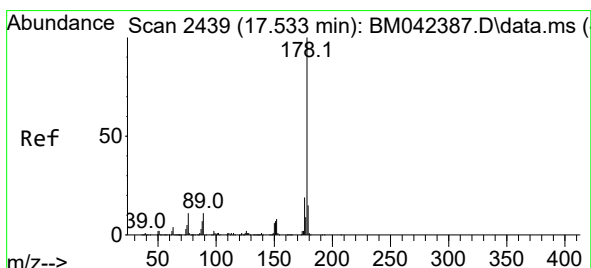
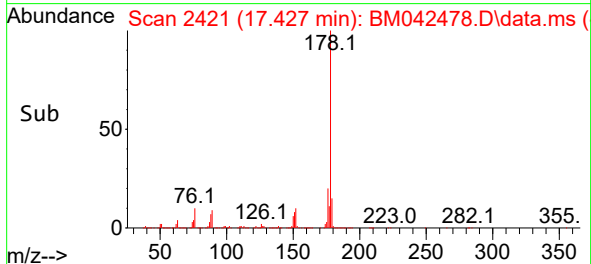
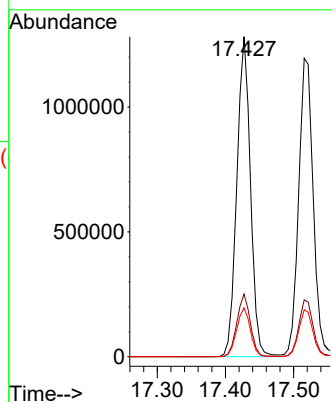
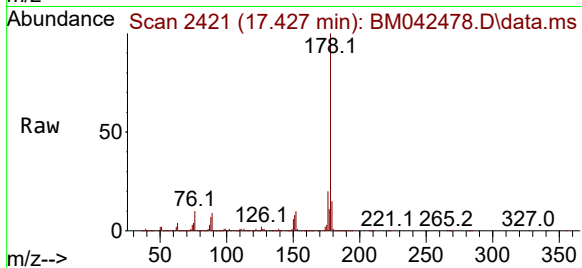
Tgt Ion:178 Resp: 1780610

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.2 12.3 18.5



#72

Anthracene

Concen: 40.368 ng

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

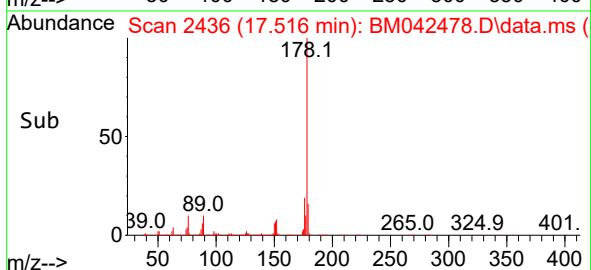
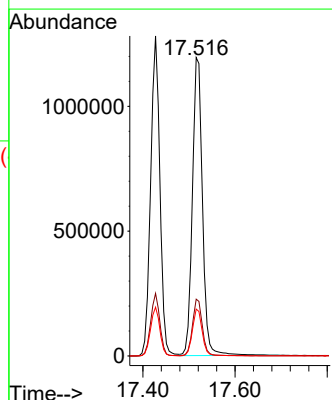
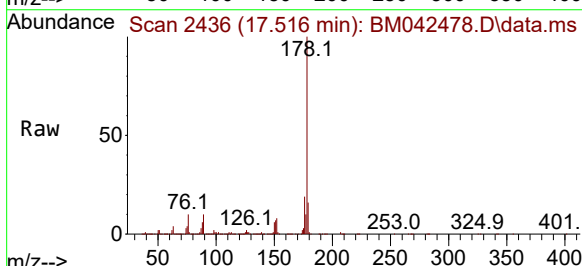
Tgt Ion:178 Resp: 1810927

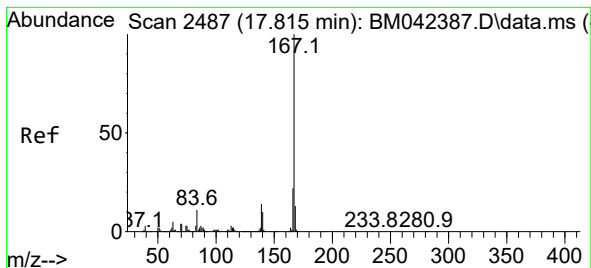
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.7 12.1 18.1





#73

Carbazole

Concen: 35.375 ng

RT: 17.810 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

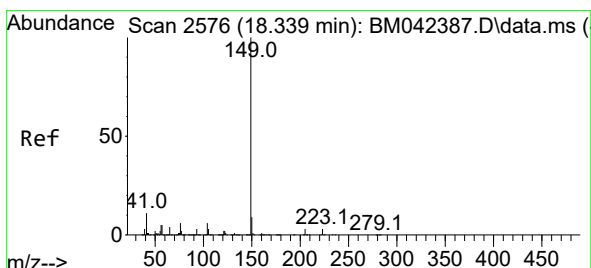
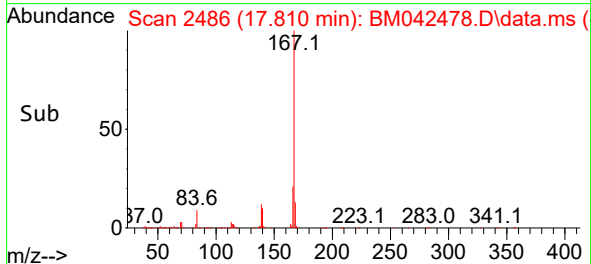
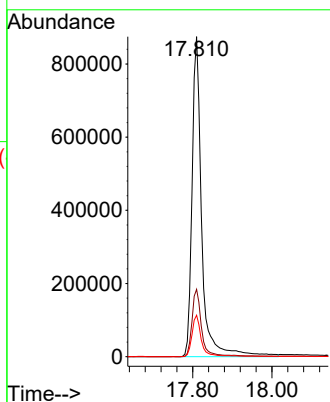
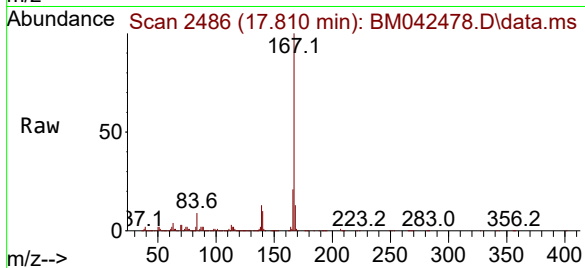
Tgt Ion:167 Resp: 1488760

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 41.066 ng

RT: 18.327 min Scan# 2574

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

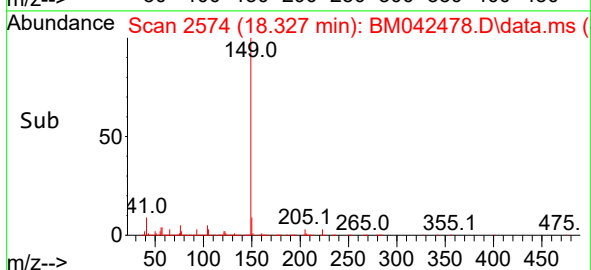
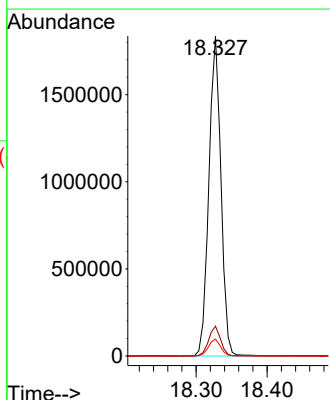
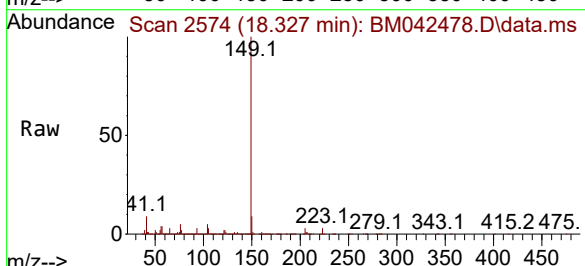
Tgt Ion:149 Resp: 2165445

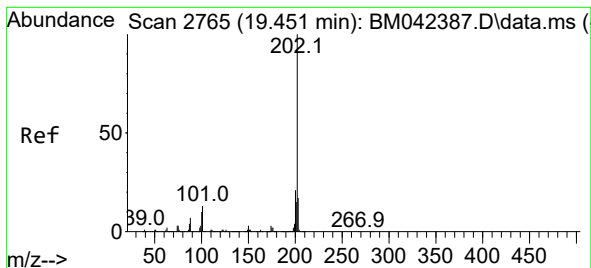
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.3 4.6 7.0





#75

Fluoranthene

Concen: 40.040 ng

RT: 19.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

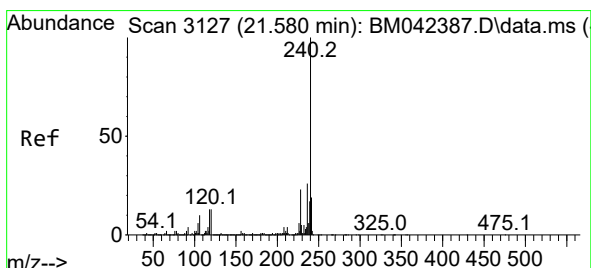
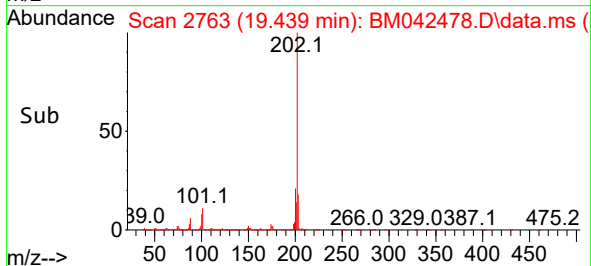
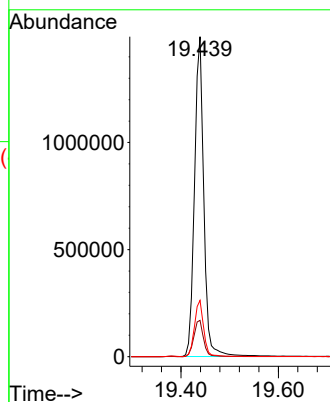
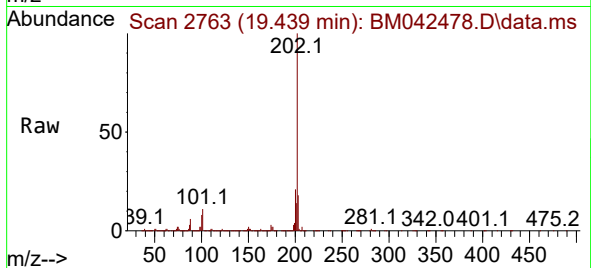
Tgt Ion:202 Resp: 1997443

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.3

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

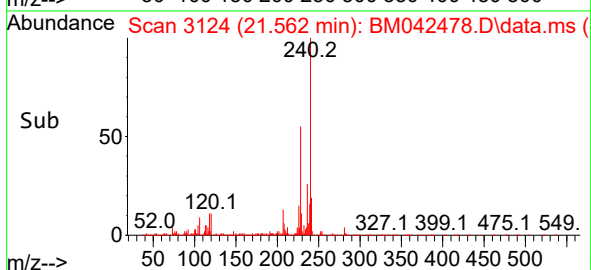
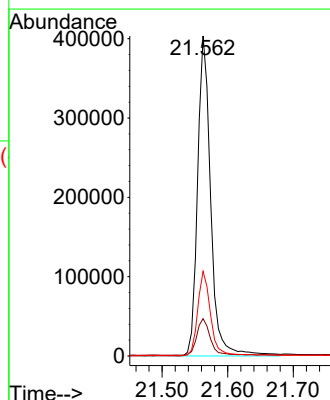
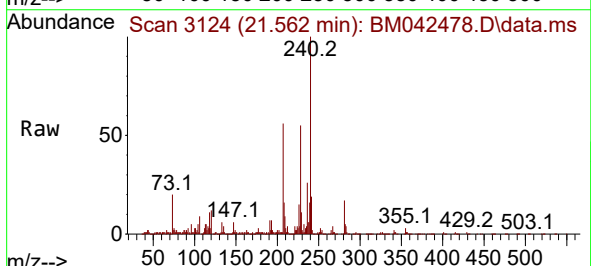
Tgt Ion:240 Resp: 564171

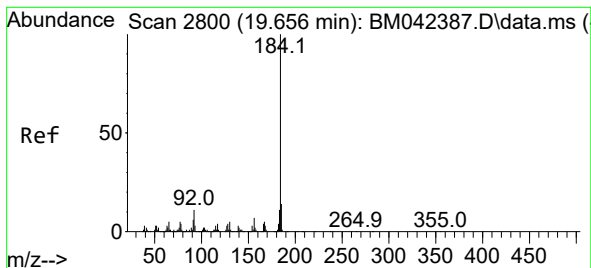
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 26.5 20.7 31.1





#77

Benzidine

Concen: 20.219 ng

RT: 19.662 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

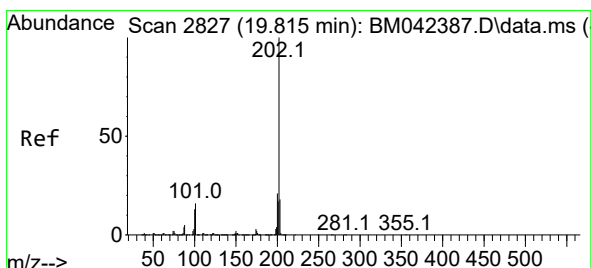
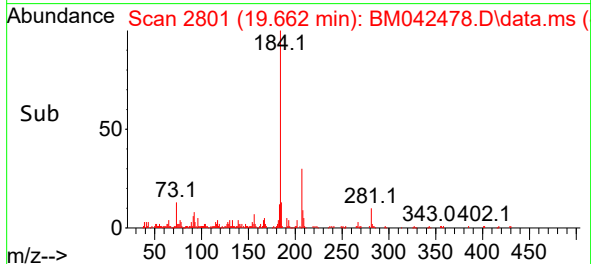
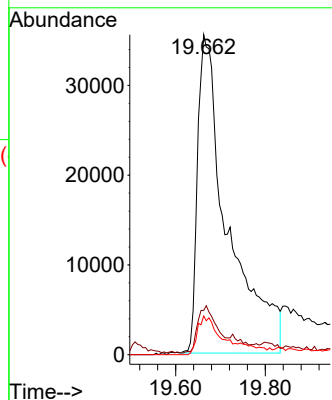
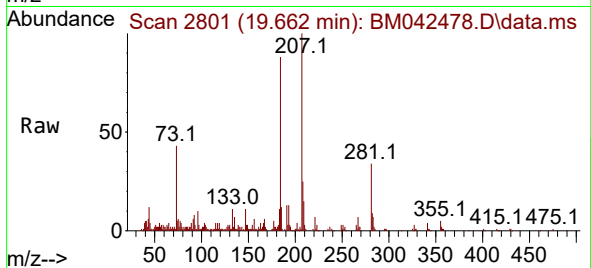
Tgt Ion:184 Resp: 164993

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 12.1 9.2 13.8



#78

Pyrene

Concen: 51.654 ng

RT: 19.804 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

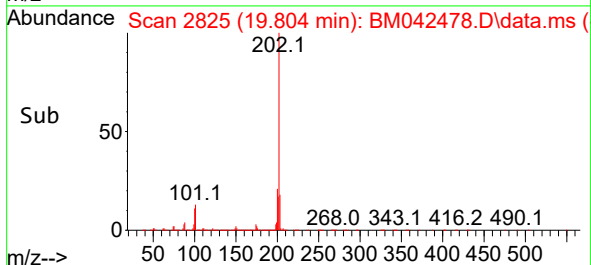
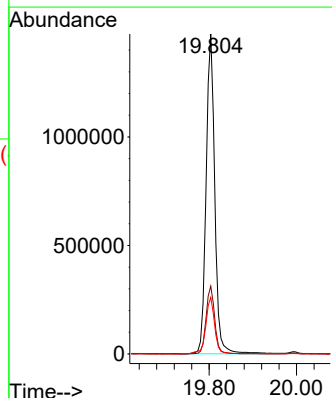
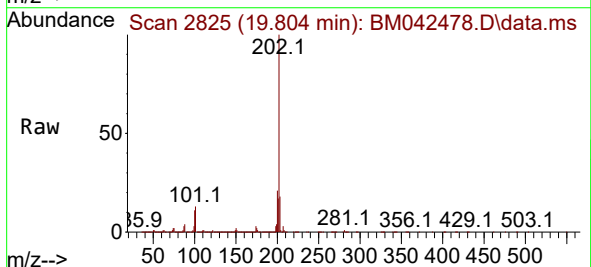
Tgt Ion:202 Resp: 2036390

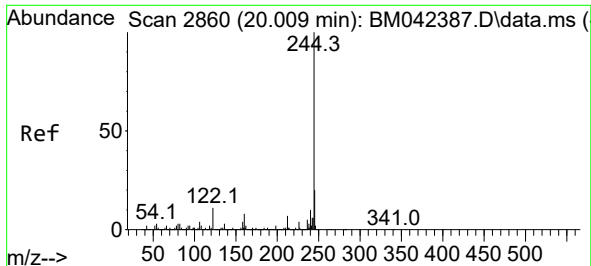
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.6 14.1 21.1

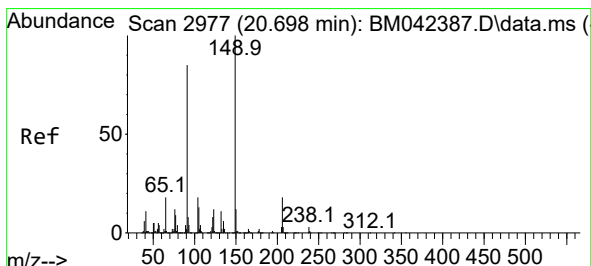
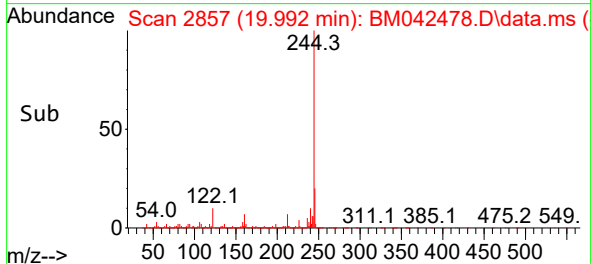
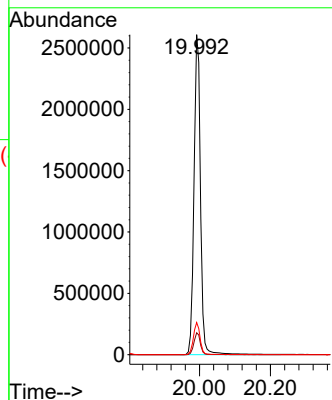
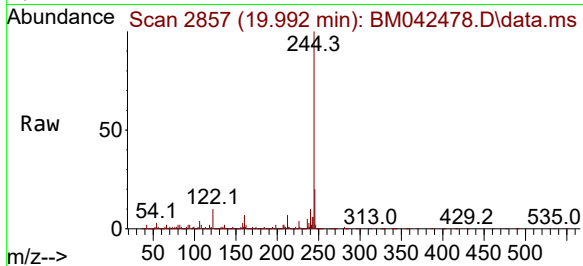




#79
 Terphenyl-d14
 Concen: 104.154 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042478.D
 Acq: 27 Oct 2023 18:33

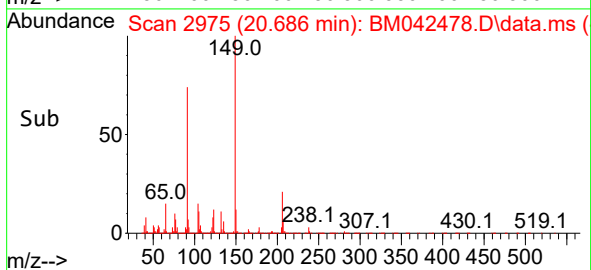
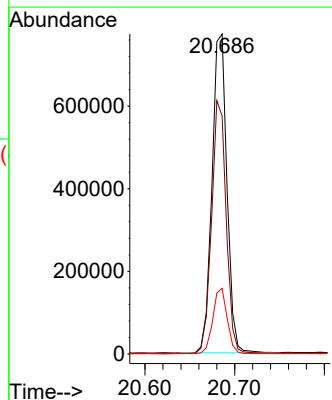
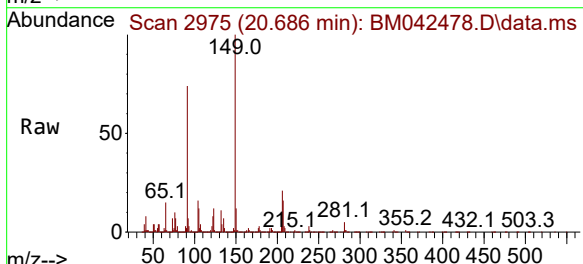
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

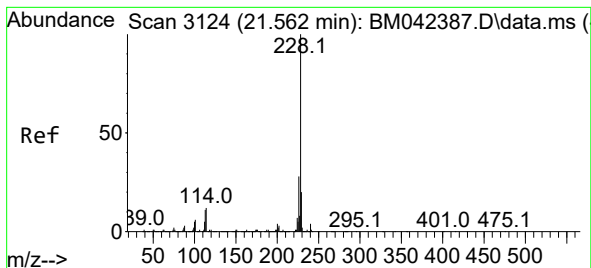
Tgt Ion:244 Resp: 3313272
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 49.862 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. 0.000 min
 Lab File: BM042478.D
 Acq: 27 Oct 2023 18:33

Tgt Ion:149 Resp: 893496
 Ion Ratio Lower Upper
 149 100
 91 74.4 68.3 102.5
 206 20.5 14.6 22.0





#81

Benzo(a)anthracene

Concen: 39.540 ng

RT: 21.545 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

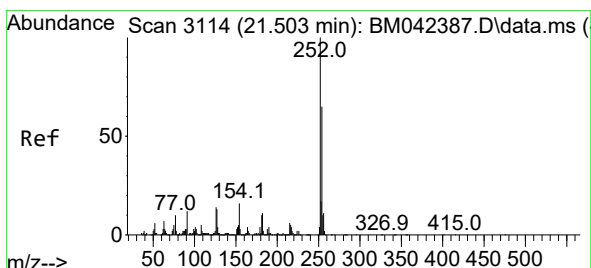
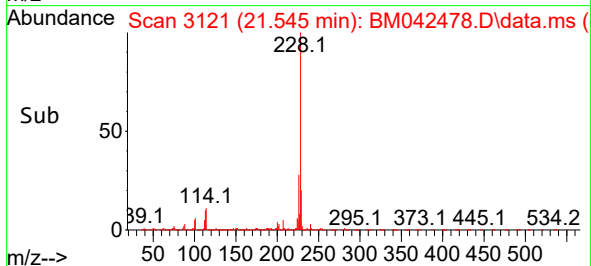
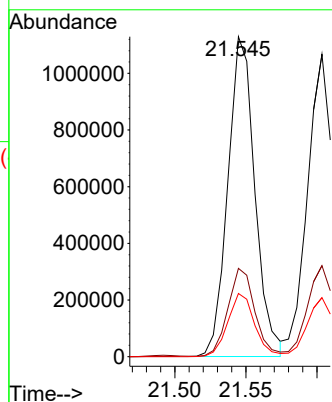
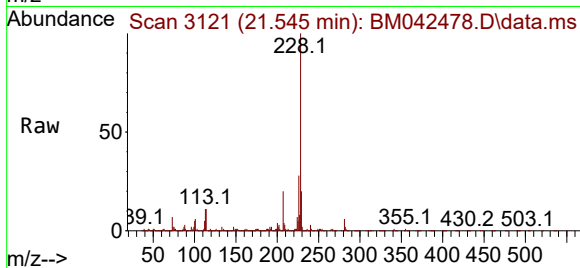
Tgt Ion:228 Resp: 1495451

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.546 ng

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

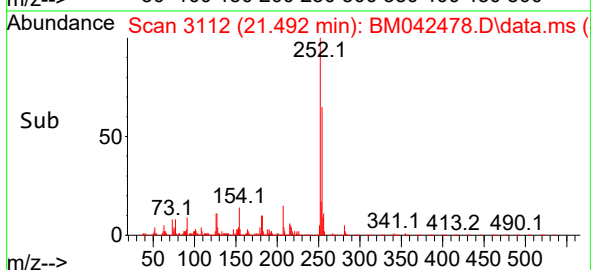
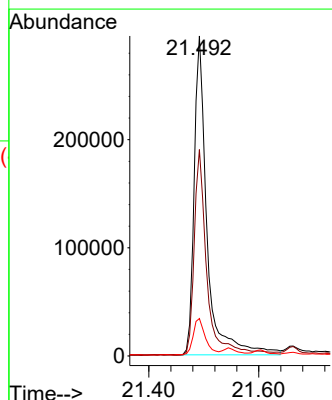
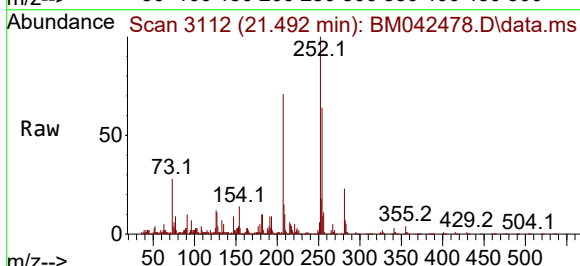
Tgt Ion:252 Resp: 480351

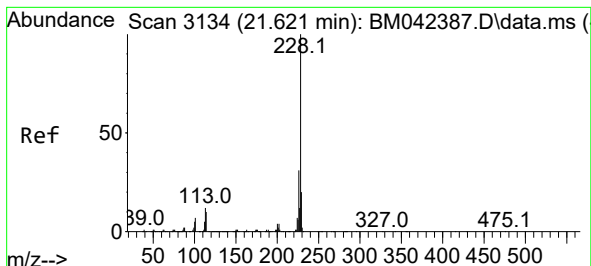
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

126 11.7 11.4 17.2





#83

Chrysene

Concen: 40.791 ng

RT: 21.604 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

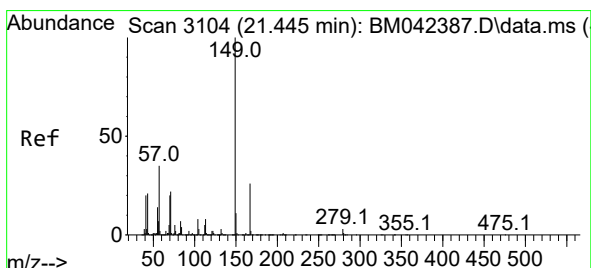
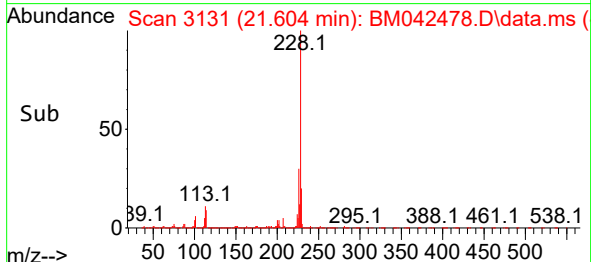
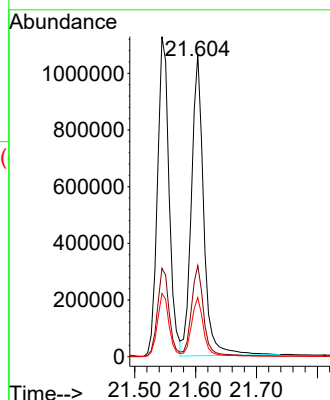
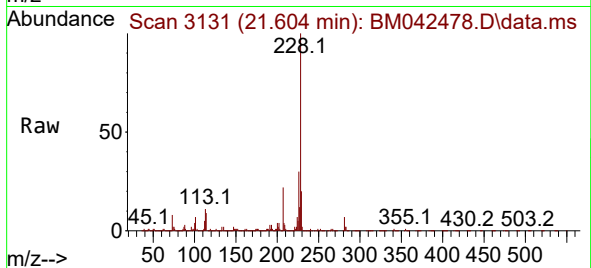
Tgt Ion:228 Resp: 1481766

Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.070 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

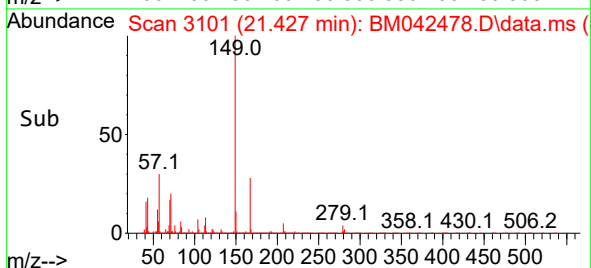
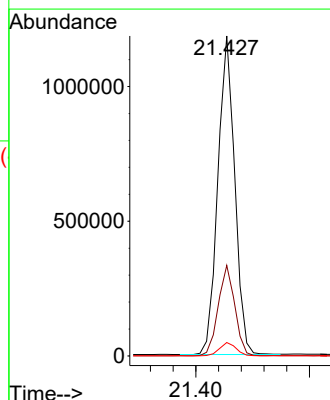
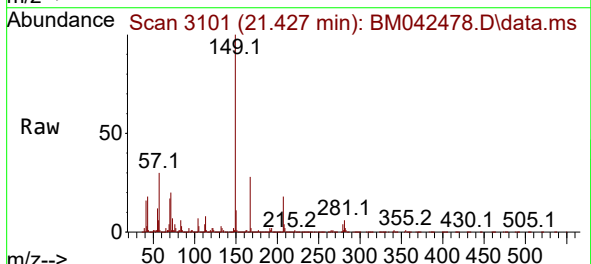
Tgt Ion:149 Resp: 1221380

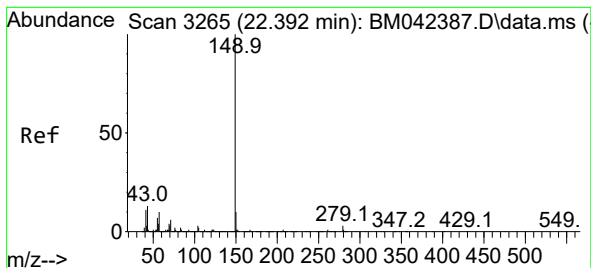
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

279 4.2 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 44.677 ng

RT: 22.368 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

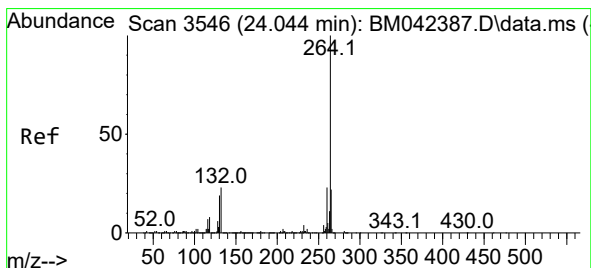
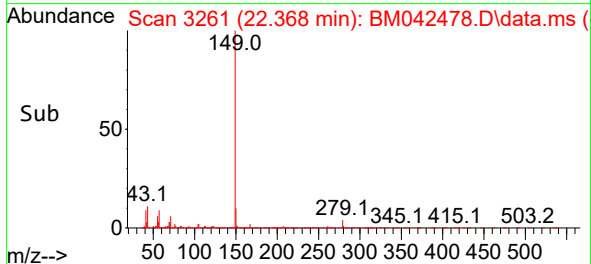
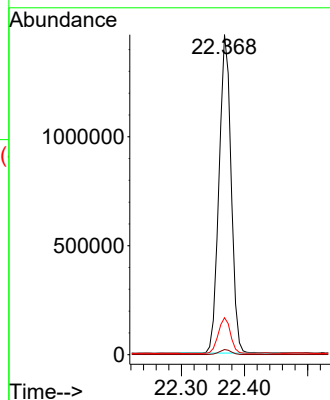
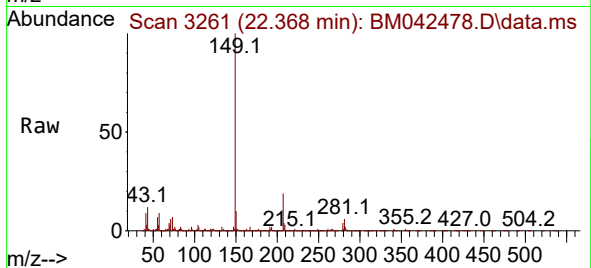
Tgt Ion:149 Resp: 1942230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.4 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

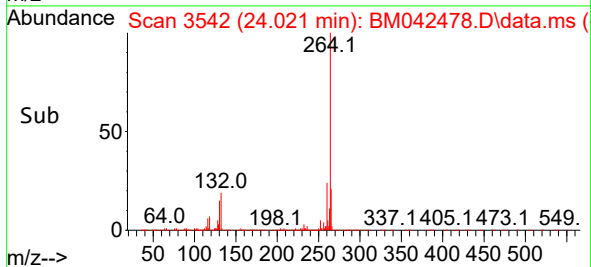
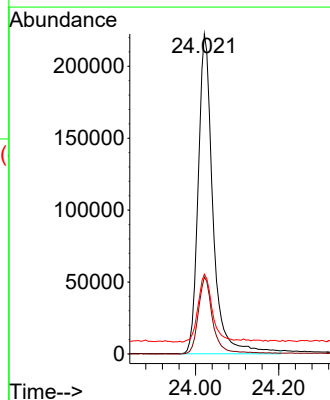
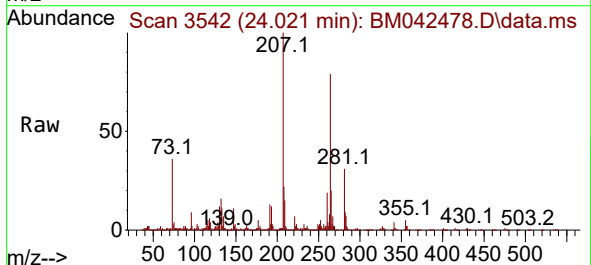
Tgt Ion:264 Resp: 547980

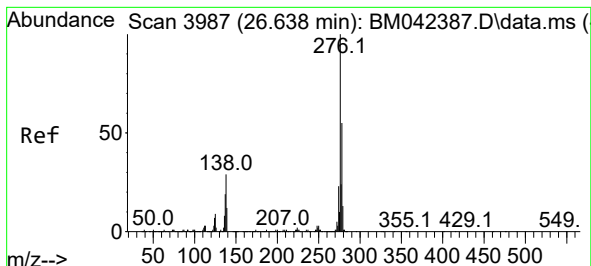
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 25.0 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.394 ng

RT: 26.597 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

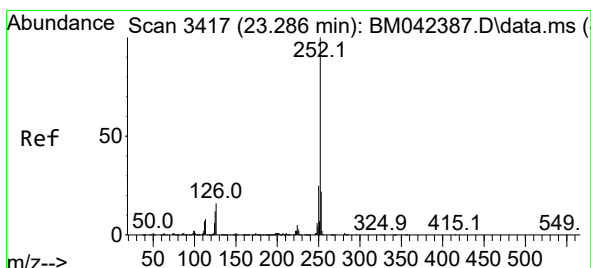
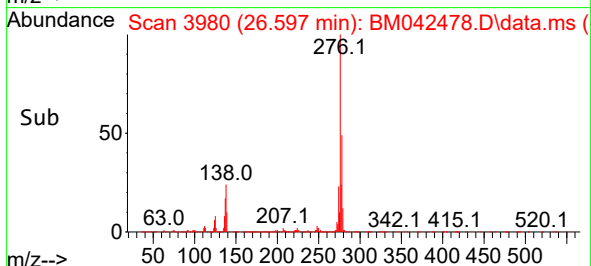
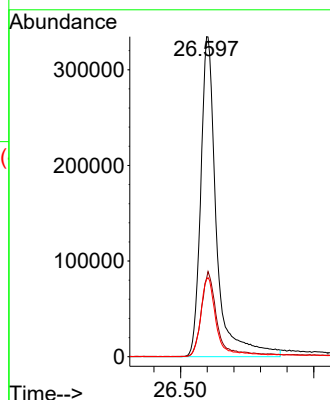
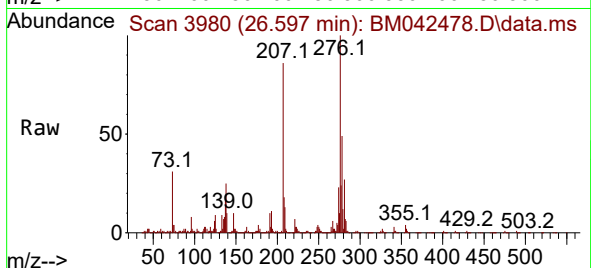
Tgt Ion:276 Resp: 1377350

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

277 24.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 36.991 ng

RT: 23.262 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

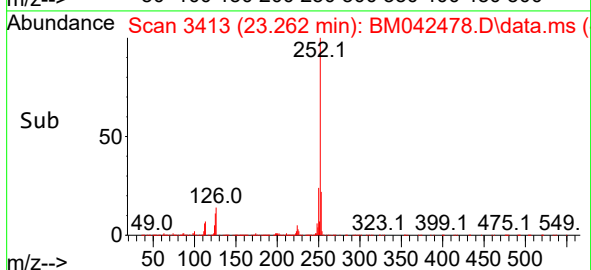
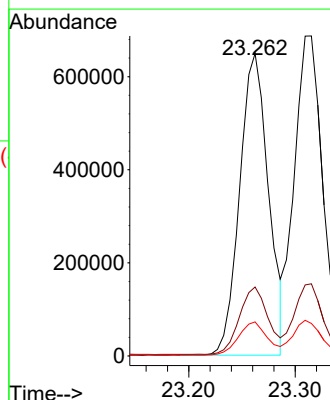
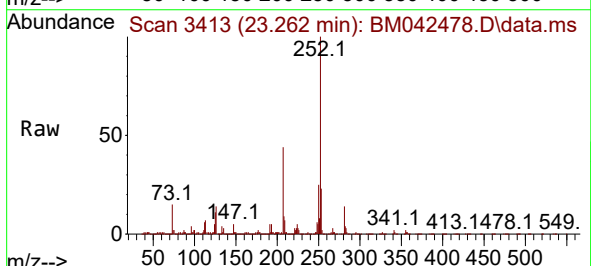
Tgt Ion:252 Resp: 1220132

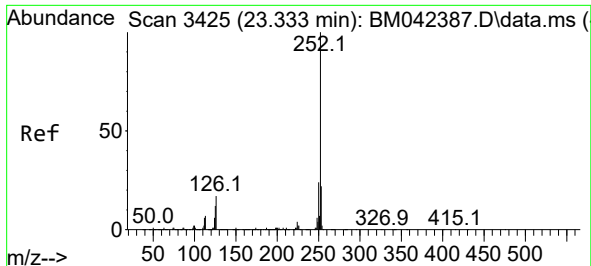
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 11.3 9.8 14.8

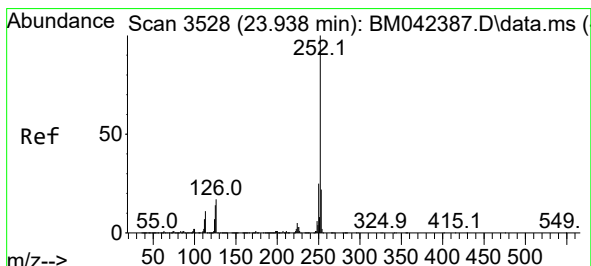
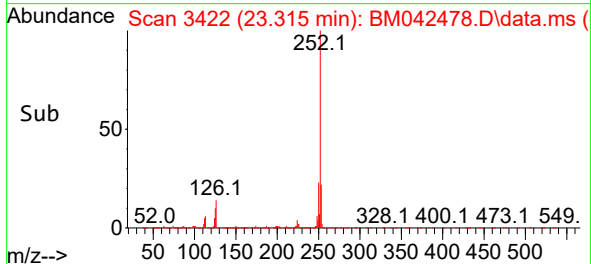
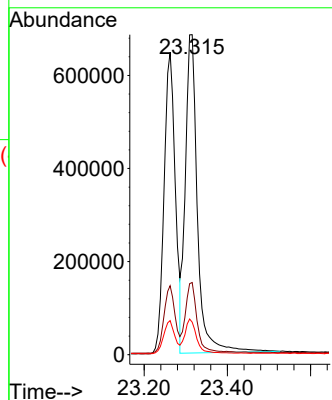
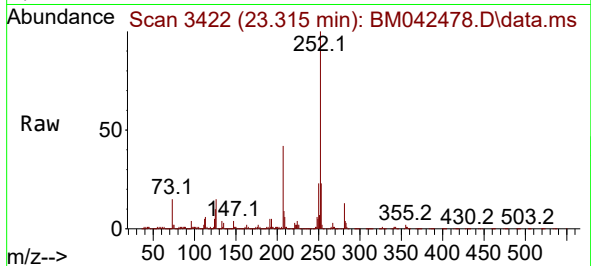




#89
Benzo(k)fluoranthene
Concen: 40.359 ng
RT: 23.315 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

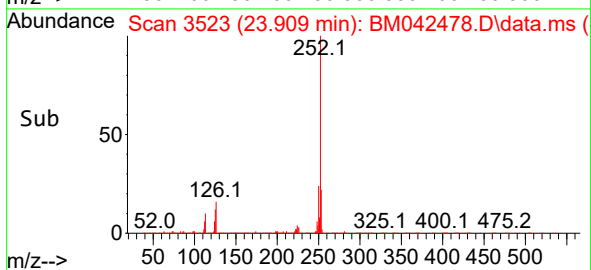
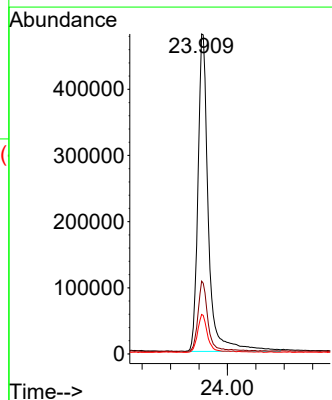
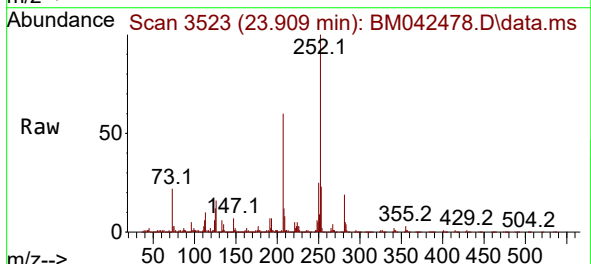
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

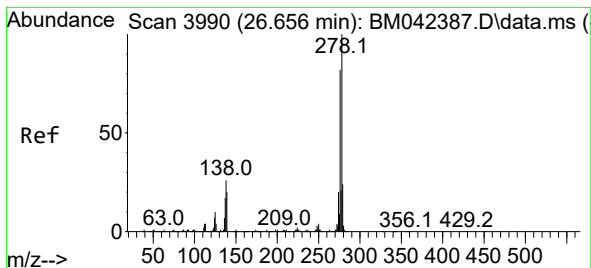
Tgt Ion:252 Resp: 1382079
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 38.713 ng
RT: 23.909 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BM042478.D
Acq: 27 Oct 2023 18:33

Tgt Ion:252 Resp: 1229041
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 12.3 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 33.200 ng

RT: 26.621 min Scan# 3990

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

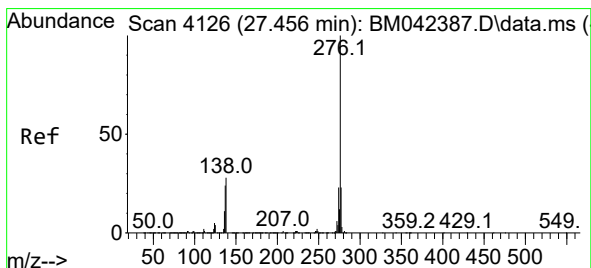
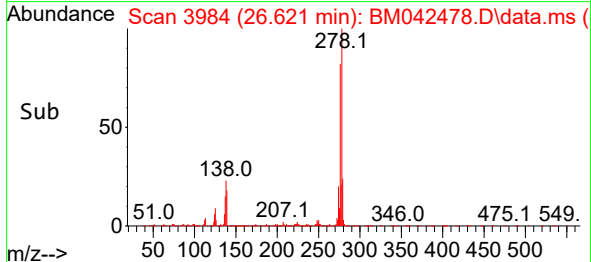
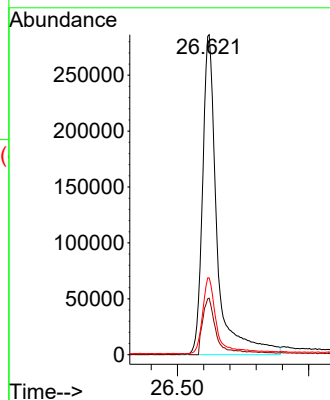
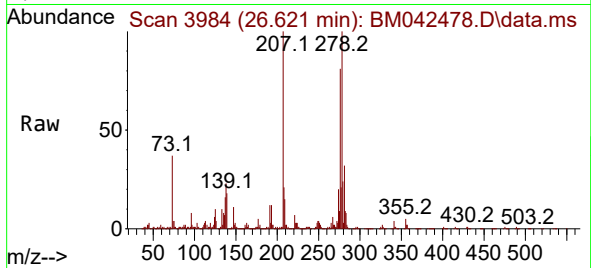
Tgt Ion:278 Resp: 1105407

Ion Ratio Lower Upper

278 100

139 17.6 15.6 23.4

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 35.997 ng

RT: 27.409 min Scan# 4118

Delta R.T. 0.000 min

Lab File: BM042478.D

Acq: 27 Oct 2023 18:33

Tgt Ion:276 Resp: 1163981

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 24.0 22.6 34.0

