

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039554.D
 Acq On : 21 Apr 2023 16:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 22 01:45:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	161956	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	615526	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	351854	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	704234	20.000	ng	0.00
76) Chrysene-d12	21.424	240	632818	20.000	ng	0.00
86) Perylene-d12	23.783	264	685556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	870167	87.783	ng	0.00
7) Phenol-d6	7.001	99	1136451	78.010	ng	0.00
23) Nitrobenzene-d5	8.995	82	1094314	87.062	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	362121	79.311	ng	0.00
45) 2-Fluorobiphenyl	13.101	172	2233883	87.845	ng	0.00
79) Terphenyl-d14	19.859	244	3016363	85.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.249	88	189926	46.379	ng	99
3) Pyridine	3.655	79	511075	42.390	ng	96
4) n-Nitrosodimethylamine	3.572	42	217324	44.214	ng	94
6) Aniline	7.148	93	693091	37.710	ng	97
8) 2-Chlorophenol	7.384	128	442185	39.334	ng	97
9) Benzaldehyde	6.960	77	261364	34.795	ng	98
10) Phenol	7.025	94	557742	39.028	ng	97
11) bis(2-Chloroethyl)ether	7.248	93	476573	38.884	ng	99
12) 1,3-Dichlorobenzene	7.707	146	476906	40.713	ng	99
13) 1,4-Dichlorobenzene	7.854	146	475618	40.501	ng	99
14) 1,2-Dichlorobenzene	8.172	146	460761	39.507	ng	99
15) Benzyl Alcohol	8.072	79	365286	34.401	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.354	45	664267	38.420	ng	98
17) 2-Methylphenol	8.278	107	389196	36.884	ng	98
18) Hexachloroethane	8.895	117	188046	40.274	ng	99
19) n-Nitroso-di-n-propyla...	8.637	70	376448	34.151	ng	98
20) 3+4-Methylphenols	8.613	107	526395	36.292	ng	99
22) Acetophenone	8.654	105	682866	41.866	ng	# 99
24) Nitrobenzene	9.037	77	546233	44.124	ng	99
25) Isophorone	9.560	82	1008364	38.735	ng	100
26) 2-Nitrophenol	9.748	139	229386	41.061	ng	95
27) 2,4-Dimethylphenol	9.813	122	392381	40.643	ng	99
28) bis(2-Chloroethoxy)met...	10.048	93	602519	40.717	ng	100
29) 2,4-Dichlorophenol	10.284	162	386244	41.319	ng	99
30) 1,2,4-Trichlorobenzene	10.489	180	422138	42.665	ng	99
31) Naphthalene	10.678	128	1381994	41.553	ng	100
32) Benzoic acid	9.978	122	238031	32.718	ng	99
33) 4-Chloroaniline	10.801	127	556390	39.600	ng	97
34) Hexachlorobutadiene	10.954	225	255755	43.527	ng	98
35) Caprolactam	11.601	113	123476	33.120	ng	96
36) 4-Chloro-3-methylphenol	11.936	107	429126	37.715	ng	99
37) 2-Methylnaphthalene	12.295	142	965237	39.491	ng	100
38) 1-Methylnaphthalene	12.513	142	895935	38.899	ng	100
40) 1,2,4,5-Tetrachloroben...	12.660	216	454253	44.262	ng	100
41) Hexachlorocyclopentadiene	12.636	237	213243	39.993	ng	96
43) 2,4,6-Trichlorophenol	12.913	196	299198	42.319	ng	99

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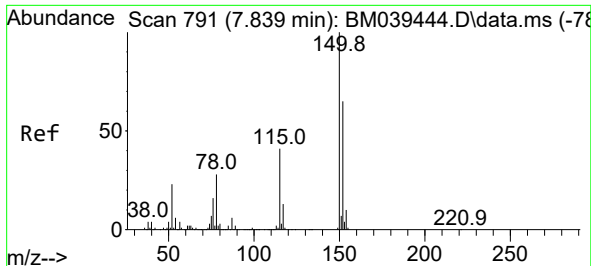
Quant Time: Apr 22 01:45:05 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	349574	41.837	ng	98
46) 1,1'-Biphenyl	13.307	154	1170639	43.186	ng	99
47) 2-Chloronaphthalene	13.354	162	866191	42.985	ng	99
48) 2-Nitroaniline	13.572	65	283545	41.150	ng	98
49) Acenaphthylene	14.201	152	1432959	41.573	ng	100
50) Dimethylphthalate	13.942	163	1134207	39.822	ng	100
51) 2,6-Dinitrotoluene	14.066	165	240999	39.800	ng	93
52) Acenaphthene	14.542	154	850302	41.664	ng	100
53) 3-Nitroaniline	14.401	138	243243	39.367	ng	97
54) 2,4-Dinitrophenol	14.613	184	111649	33.031	ng	90
55) Dibenzofuran	14.877	168	1363439	41.575	ng	100
56) 4-Nitrophenol	14.730	139	158521	34.811	ng	96
57) 2,4-Dinitrotoluene	14.860	165	318379	38.467	ng	92
58) Fluorene	15.524	166	1085755	40.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.107	232	278468	40.463	ng	99
60) Diethylphthalate	15.307	149	1155100	39.118	ng	99
61) 4-Chlorophenyl-phenyle...	15.524	204	544324	41.288	ng	100
62) 4-Nitroaniline	15.566	138	212550	35.993	ng	96
63) Azobenzene	15.818	77	1213653	42.178	ng	98
65) 4,6-Dinitro-2-methylph...	15.624	198	184551	41.851	ng	99
66) n-Nitrosodiphenylamine	15.742	169	916013	42.903	ng	98
67) 4-Bromophenyl-phenylether	16.418	248	318777	43.001	ng	99
68) Hexachlorobenzene	16.530	284	342667	42.568	ng	99
69) Atrazine	16.695	200	293400	40.962	ng	99
70) Pentachlorophenol	16.883	266	235164	41.834	ng	98
71) Phenanthrene	17.271	178	1605183	42.034	ng	100
72) Anthracene	17.360	178	1651152	42.151	ng	100
73) Carbazole	17.642	167	1471387	41.299	ng	100
74) Di-n-butylphthalate	18.201	149	2019277	40.772	ng	100
75) Fluoranthene	19.295	202	1862236	40.194	ng	99
77) Benzidine	19.489	184	463718	32.339	ng	98
78) Pyrene	19.654	202	1940521	41.698	ng	99
80) Butylbenzylphthalate	20.559	149	905027	39.217	ng	97
81) Benzo(a)anthracene	21.406	228	1840510	40.955	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	591294	39.860	ng	100
83) Chrysene	21.459	228	1763495	40.486	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1376896	39.141	ng	99
85) Di-n-octyl phthalate	22.242	149	2315840	38.283	ng	98
87) Indeno(1,2,3-cd)pyrene	26.230	276	2076716	41.224	ng	100
88) Benzo(b)fluoranthene	23.065	252	1728841	41.361	ng	99
89) Benzo(k)fluoranthene	23.112	252	1828205	41.835	ng	100
90) Benzo(a)pyrene	23.683	252	1711164	41.191	ng	100
91) Dibenzo(a,h)anthracene	26.241	278	1737443	41.494	ng	100
92) Benzo(g,h,i)perylene	26.982	276	1709038	41.178	ng	99

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

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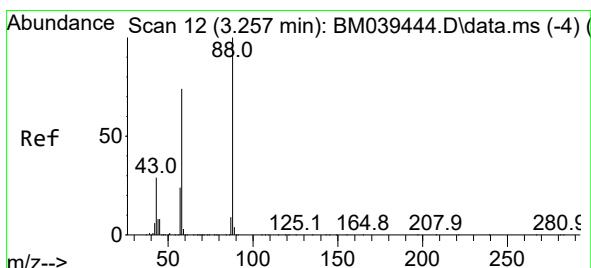
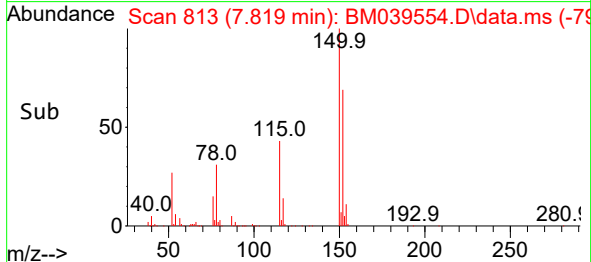
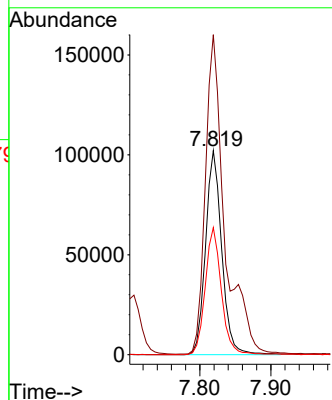
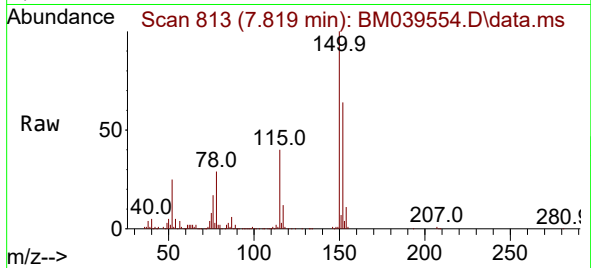




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
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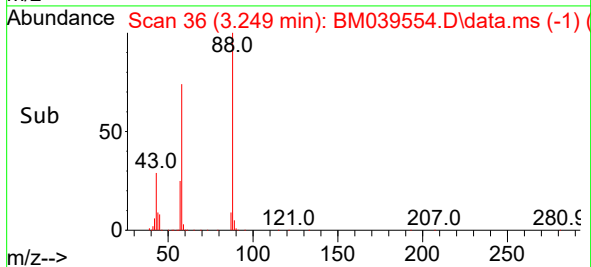
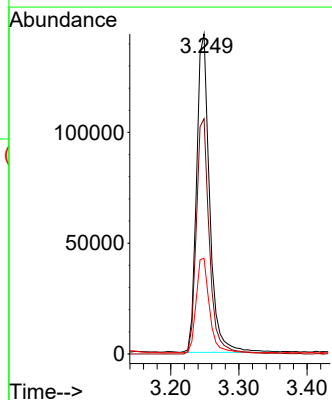
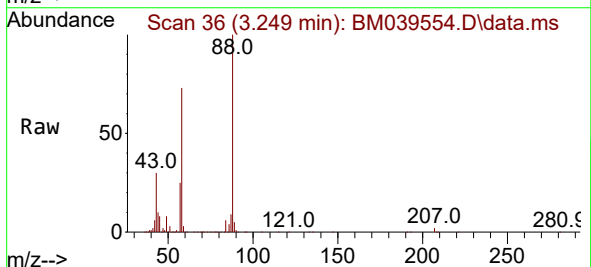
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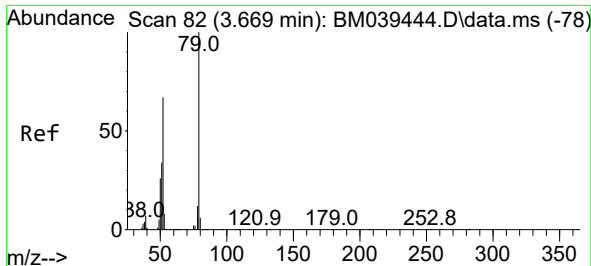
Tgt Ion:152 Resp: 161956
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 62.2 49.9 74.9



#2
1,4-Dioxane
Concen: 46.379 ng
RT: 3.249 min Scan# 36
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 88 Resp: 189926
Ion Ratio Lower Upper
88 100
58 74.2 59.4 89.2
43 30.4 23.4 35.2

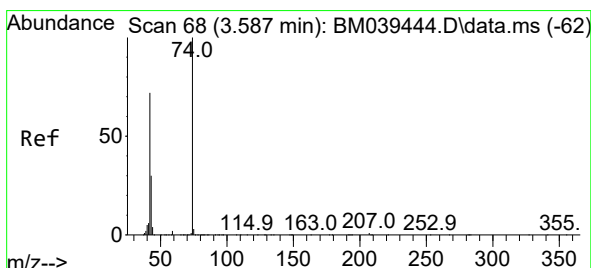
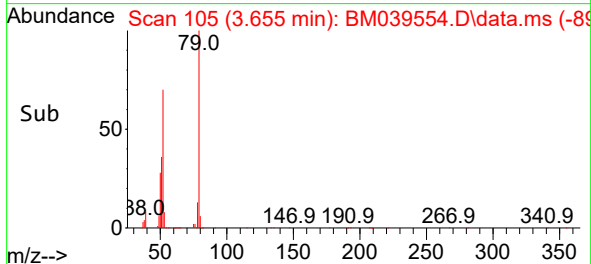
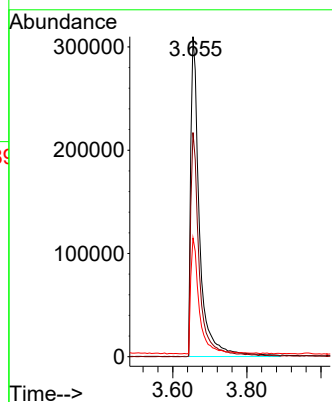
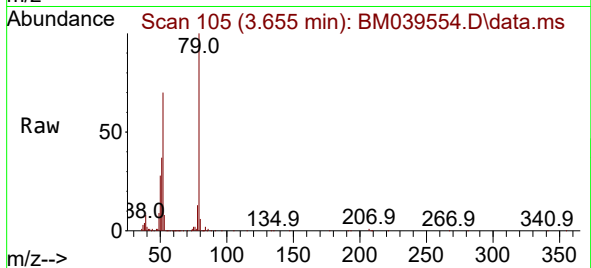




#3
 Pyridine
 Concen: 42.390 ng
 RT: 3.655 min Scan# 105
 Delta R.T. -0.006 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

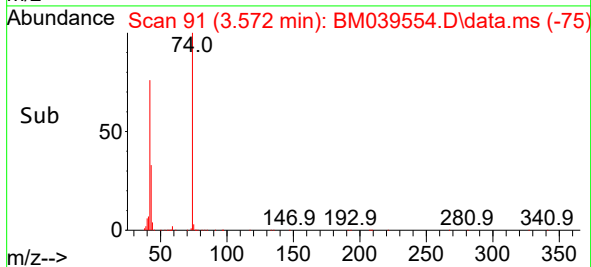
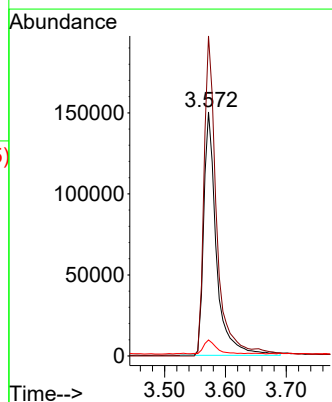
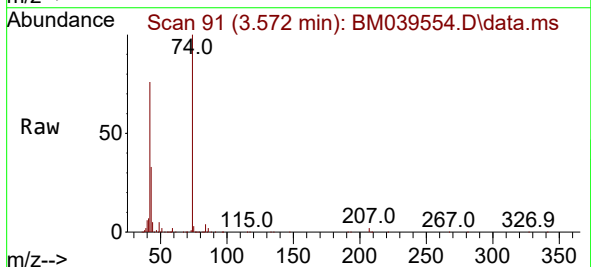
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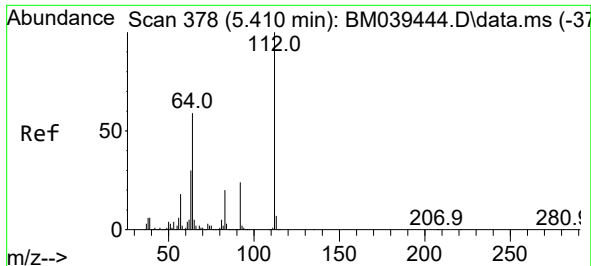
Tgt Ion: 79 Resp: 511075
 Ion Ratio Lower Upper
 79 100
 52 70.0 53.8 80.8
 51 37.1 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 44.214 ng
 RT: 3.572 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

Tgt Ion: 42 Resp: 217324
 Ion Ratio Lower Upper
 42 100
 74 131.1 110.6 165.8
 44 6.6 5.5 8.3

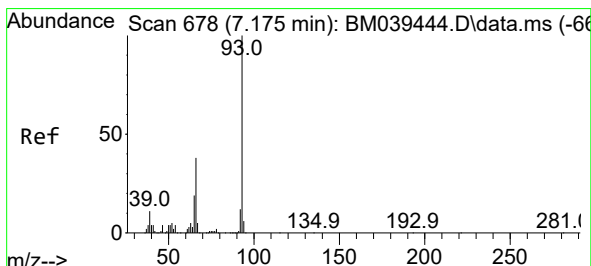
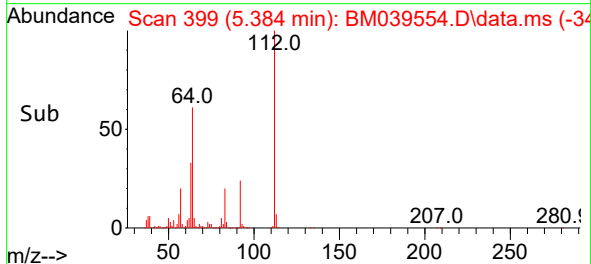
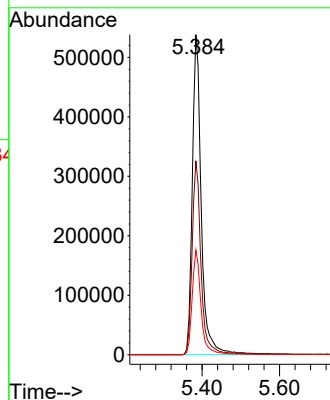
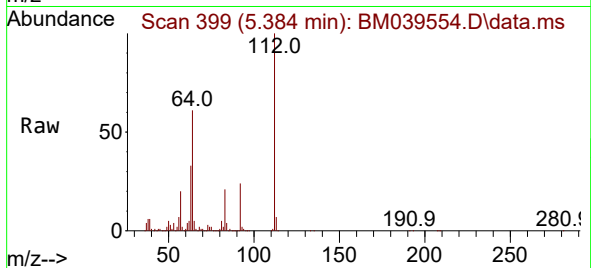




#5
2-Fluorophenol
Concen: 87.783 ng
RT: 5.384 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

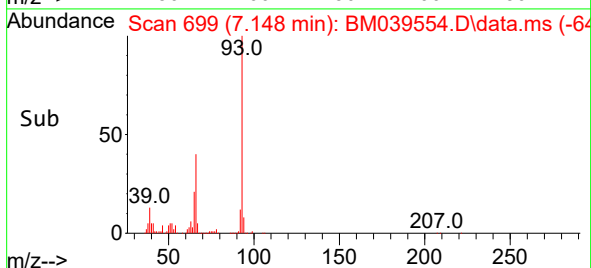
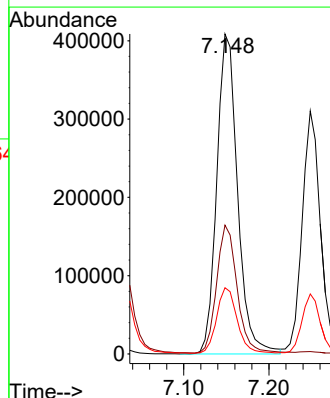
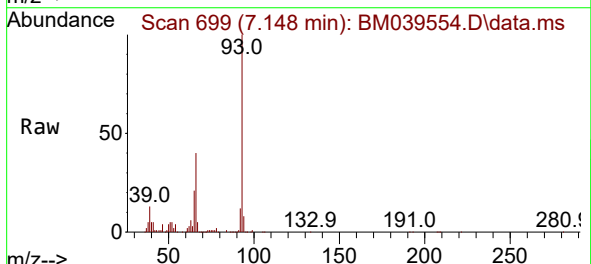
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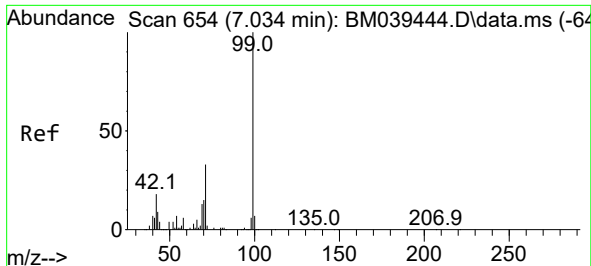
Tgt Ion:112 Resp: 870167
Ion Ratio Lower Upper
112 100
64 60.6 47.0 70.4
63 32.6 24.2 36.4



#6
Aniline
Concen: 37.710 ng
RT: 7.148 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 93 Resp: 693091
Ion Ratio Lower Upper
93 100
66 40.2 30.6 46.0
65 20.7 15.7 23.5

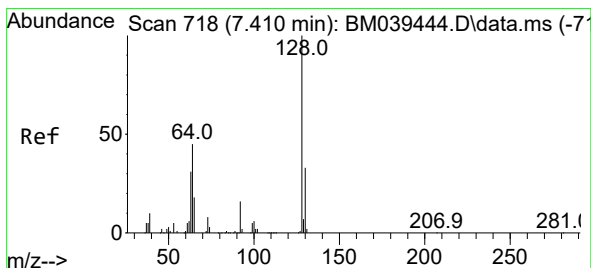
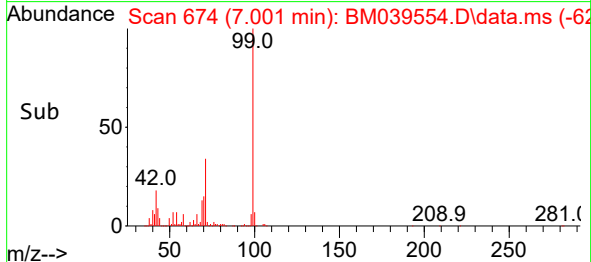
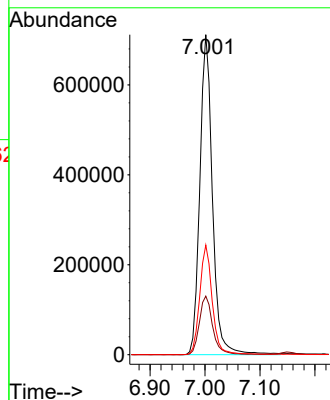
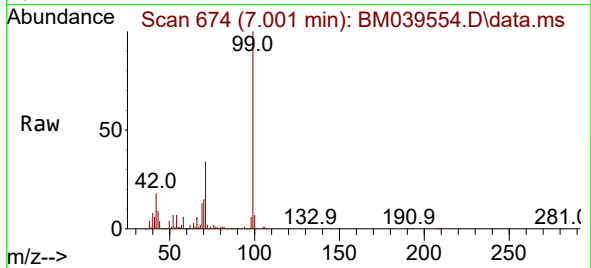




#7
Phenol-d6
Concen: 78.010 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

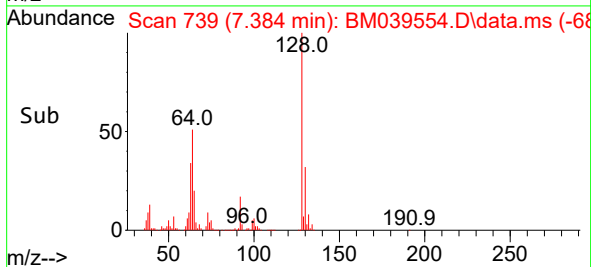
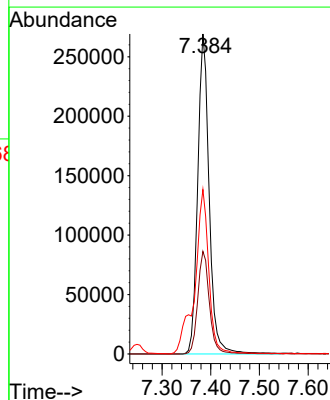
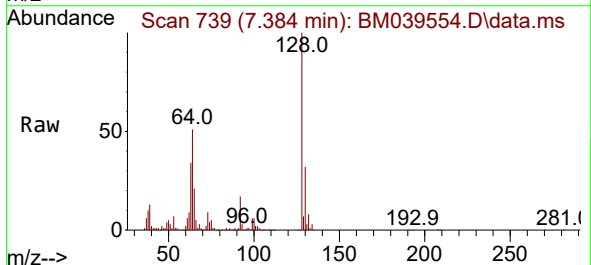
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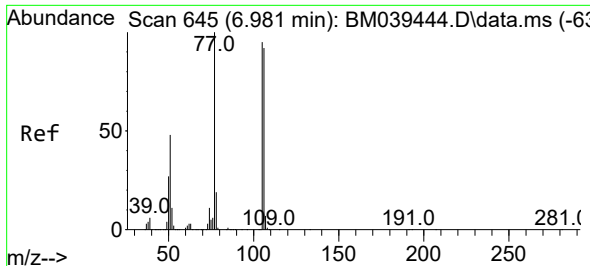
Tgt Ion: 99 Resp: 1136451
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 34.2 26.8 40.2



#8
2-Chlorophenol
Concen: 39.334 ng
RT: 7.384 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 128 Resp: 442185
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 51.4 29.0 69.0

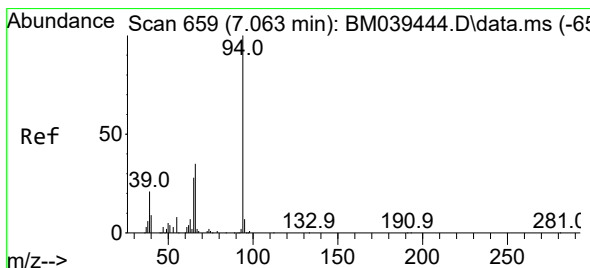
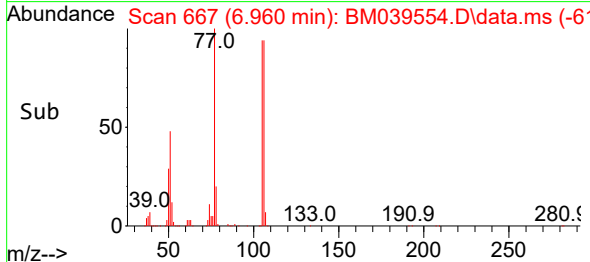
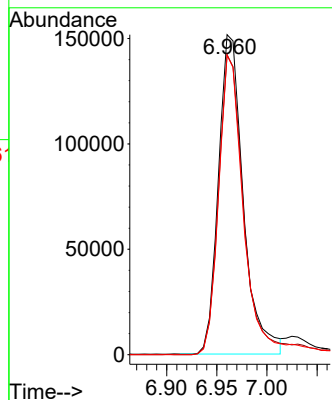
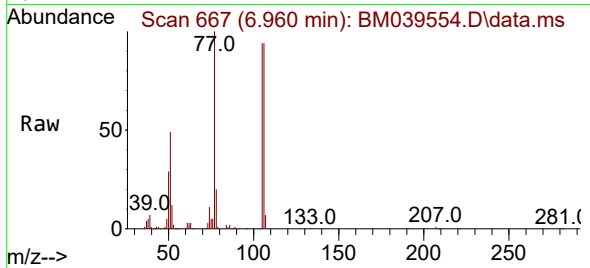




#9
Benzaldehyde
Concen: 34.795 ng
RT: 6.960 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

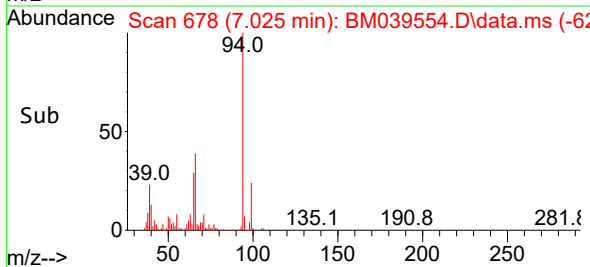
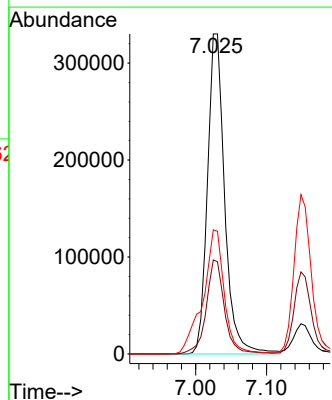
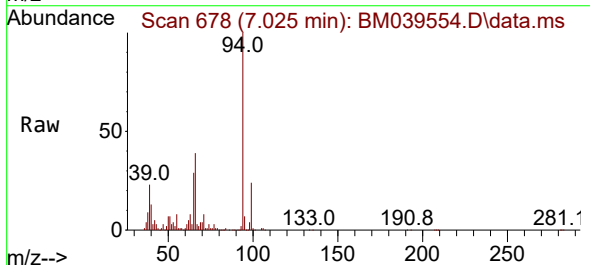
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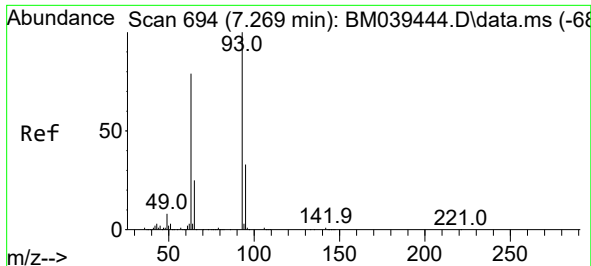
Tgt Ion: 77 Resp: 261364
Ion Ratio Lower Upper
77 100
105 93.8 75.3 115.3
106 93.6 71.9 111.9



#10
Phenol
Concen: 39.028 ng
RT: 7.025 min Scan# 678
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 557742
Ion Ratio Lower Upper
94 100
65 29.4 8.2 48.2
66 38.8 16.7 56.7

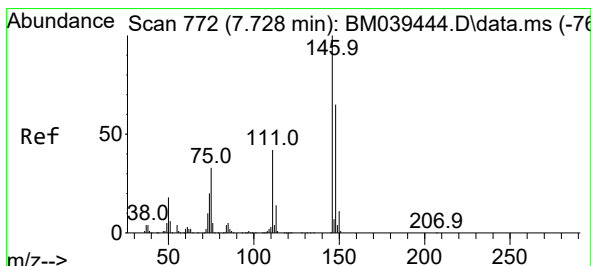
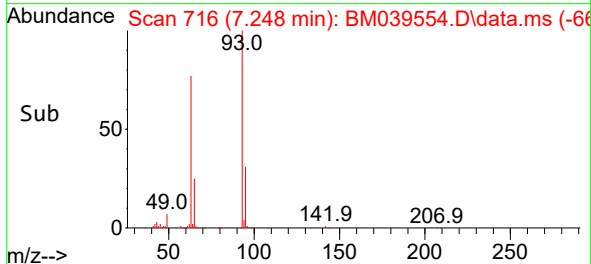
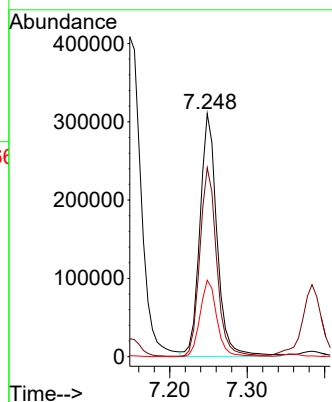
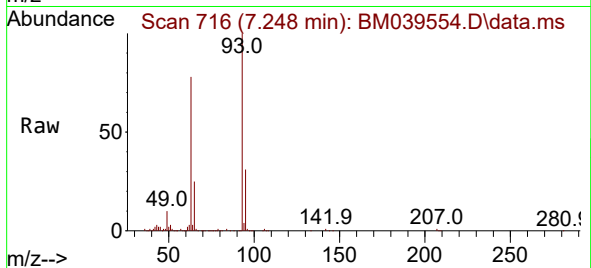




#11
bis(2-Chloroethyl)ether
Concen: 38.884 ng
RT: 7.248 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

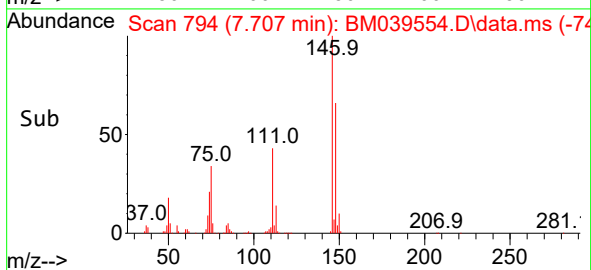
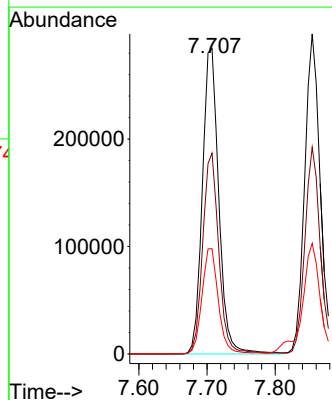
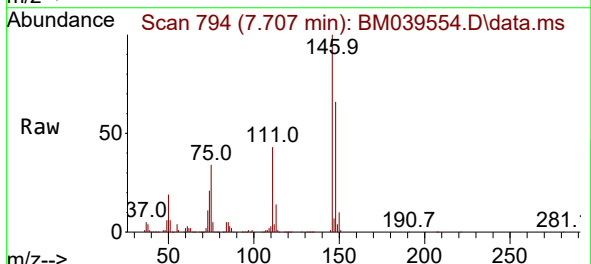
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

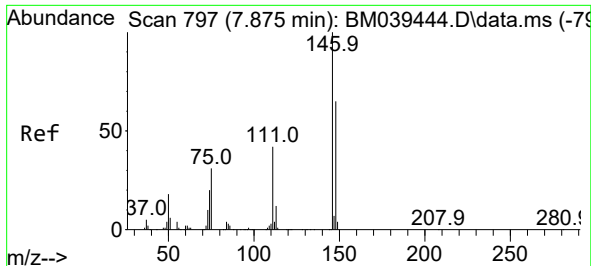
Tgt Ion: 93 Resp: 476573
Ion Ratio Lower Upper
93 100
63 77.7 58.1 98.1
95 31.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.713 ng
RT: 7.707 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 146 Resp: 476906
Ion Ratio Lower Upper
146 100
148 65.7 52.0 78.0
75 34.5 26.6 39.8

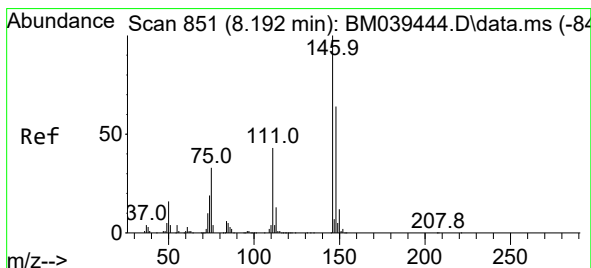
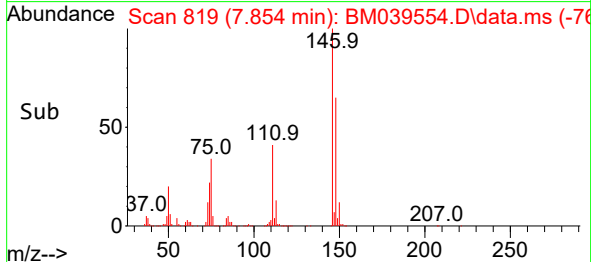
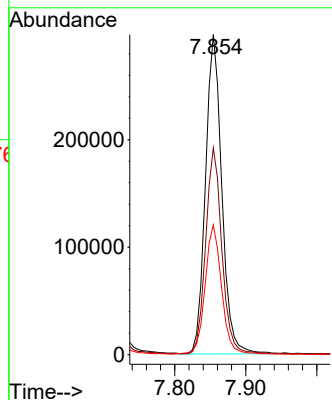
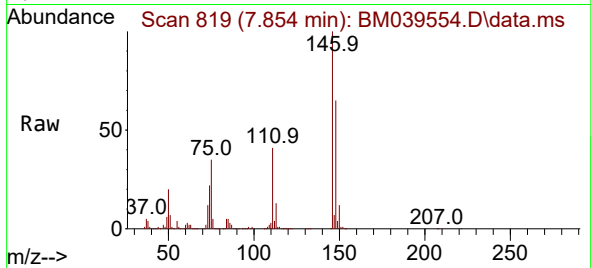




#13
1,4-Dichlorobenzene
Concen: 40.501 ng
RT: 7.854 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

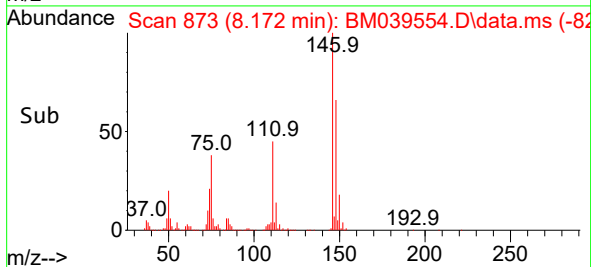
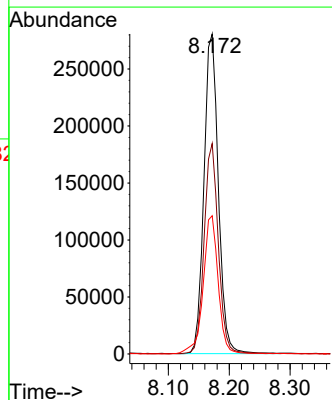
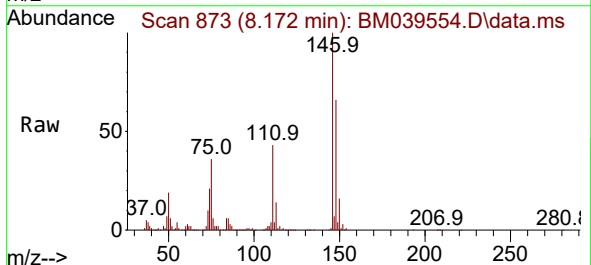
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

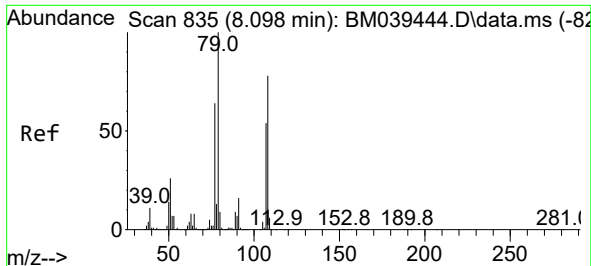
Tgt Ion:146 Resp: 475618
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 40.6 33.5 50.3



#14
1,2-Dichlorobenzene
Concen: 39.507 ng
RT: 8.172 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:146 Resp: 460761
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.2
111 43.2 34.3 51.5

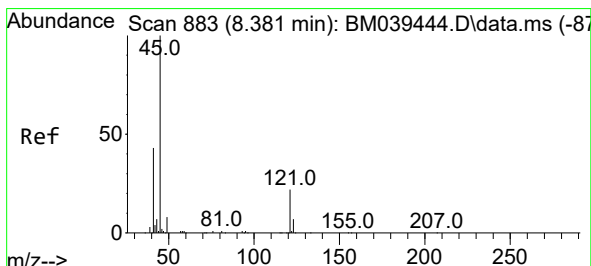
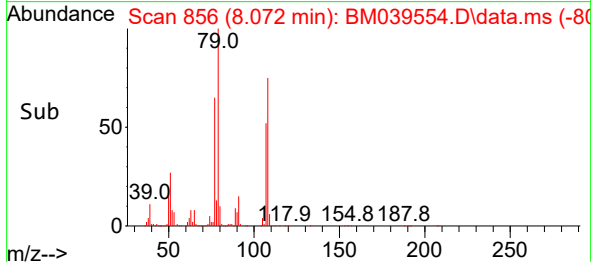
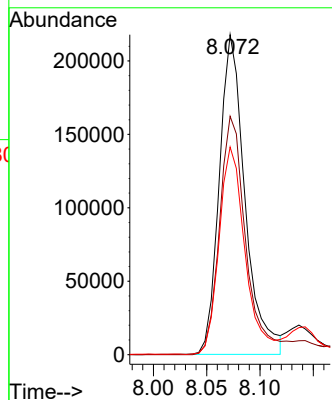
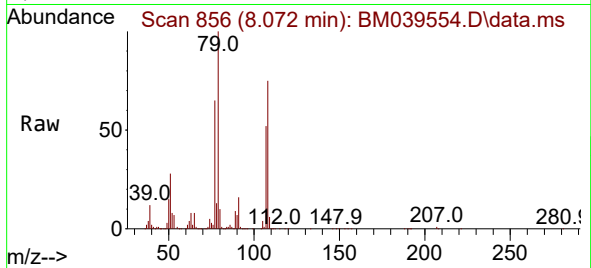




#15
Benzyl Alcohol
Concen: 34.401 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

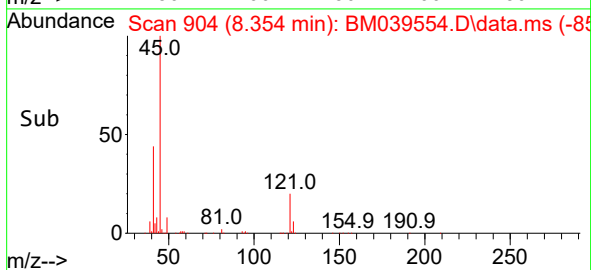
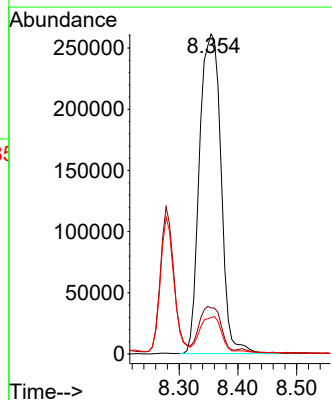
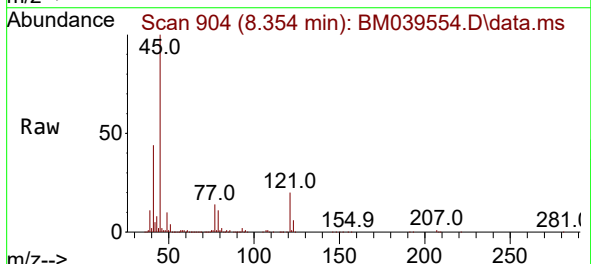
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

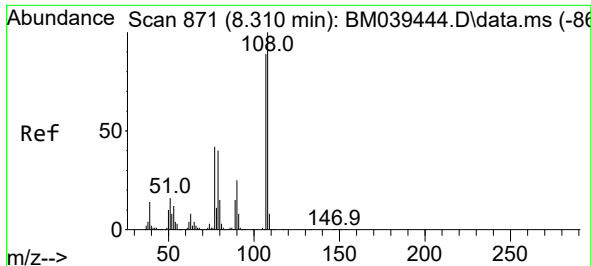
Tgt Ion: 79 Resp: 365286
Ion Ratio Lower Upper
79 100
108 74.5 62.6 93.8
77 64.9 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.420 ng
RT: 8.354 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 45 Resp: 664267
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 11.3 0.0 32.2

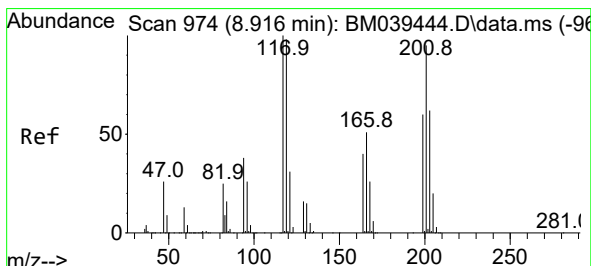
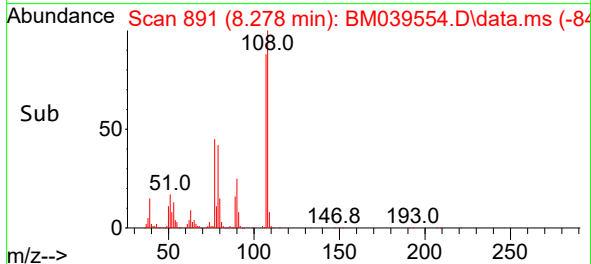
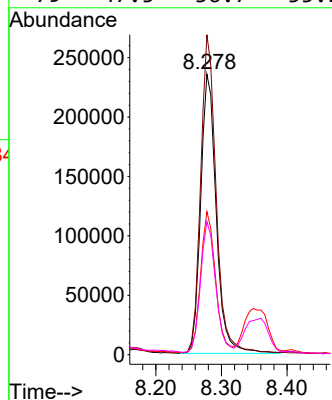
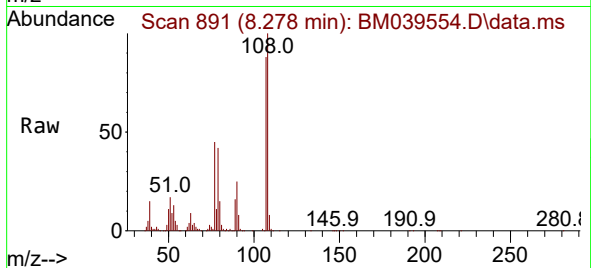




#17
2-Methylphenol
Concen: 36.884 ng
RT: 8.278 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

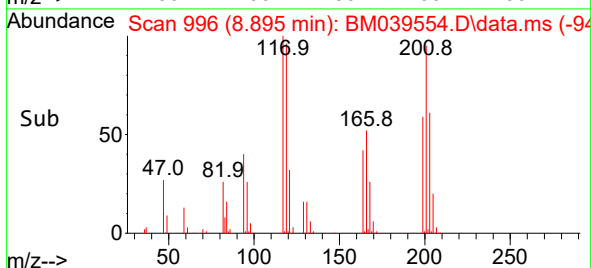
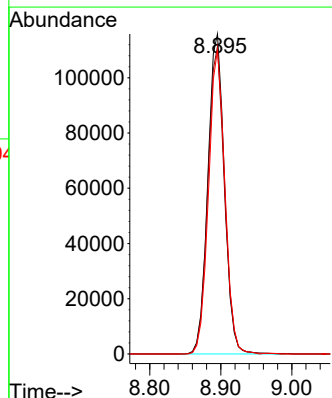
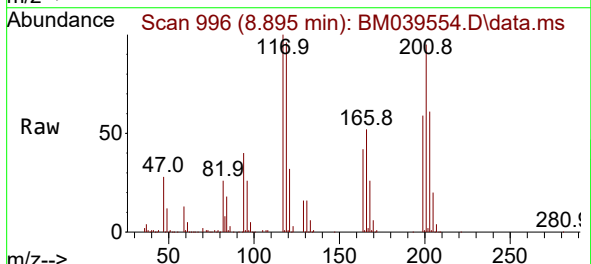
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

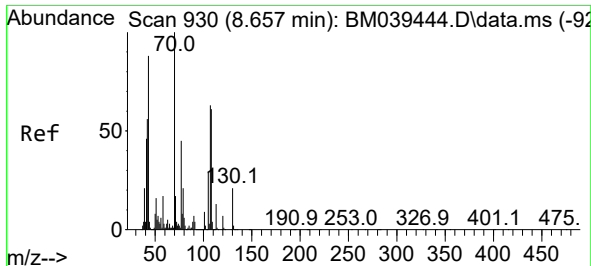
Tgt Ion:107 Resp: 389196
Ion Ratio Lower Upper
107 100
108 114.1 90.3 135.5
77 51.0 38.6 58.0
79 47.5 36.7 55.1



#18
Hexachloroethane
Concen: 40.274 ng
RT: 8.895 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:117 Resp: 188046
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
201 95.0 76.0 114.0

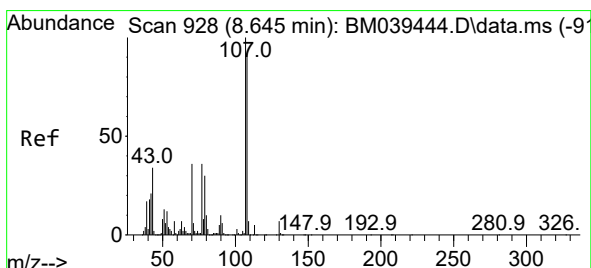
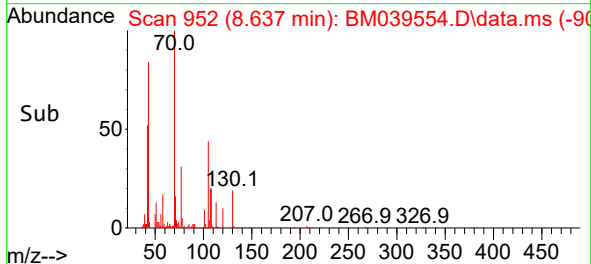
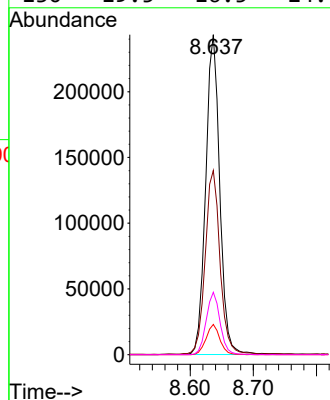
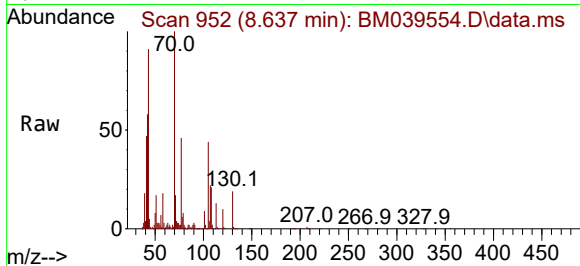




#19
n-Nitroso-di-n-propylamine
Concen: 34.151 ng
RT: 8.637 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

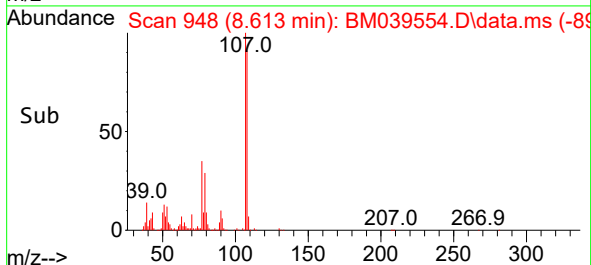
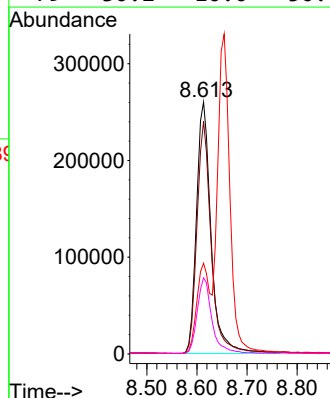
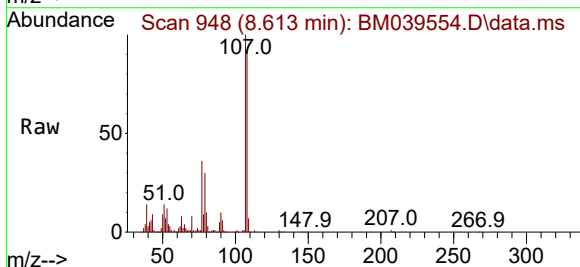
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

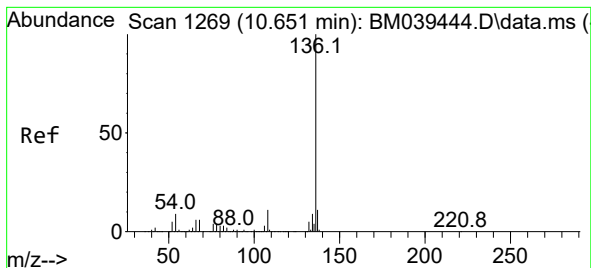
Tgt Ion: 70 Resp: 376448
Ion Ratio Lower Upper
70 100
42 57.6 44.7 67.1
101 9.5 7.5 11.3
130 19.5 16.5 24.7



#20
3+4-Methylphenols
Concen: 36.292 ng
RT: 8.613 min Scan# 948
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 107 Resp: 526395
Ion Ratio Lower Upper
107 100
108 92.3 71.6 111.6
77 36.0 16.2 56.2
79 30.2 10.0 50.0

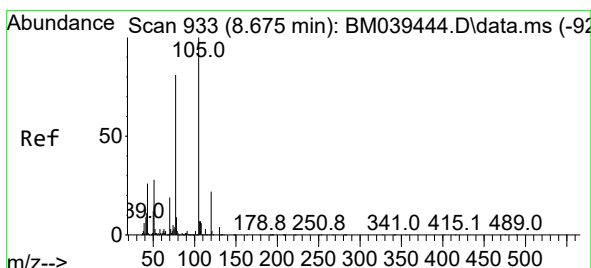
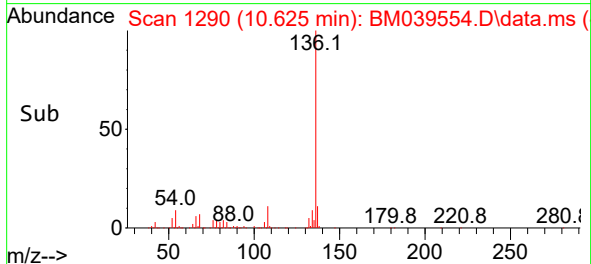
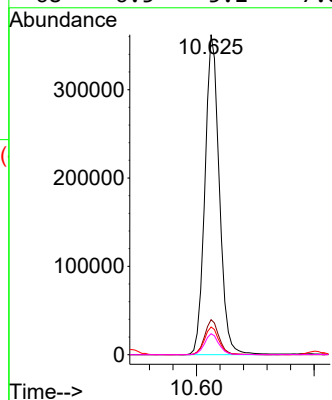
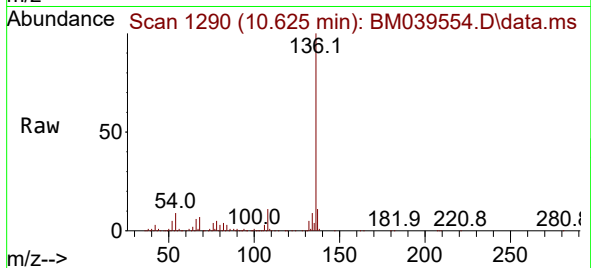




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

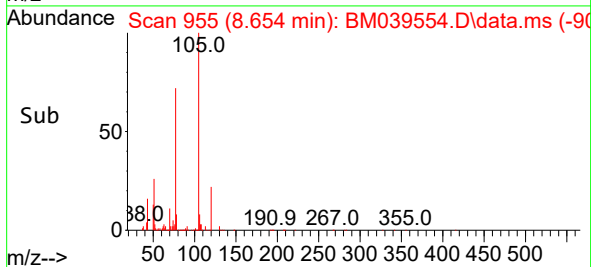
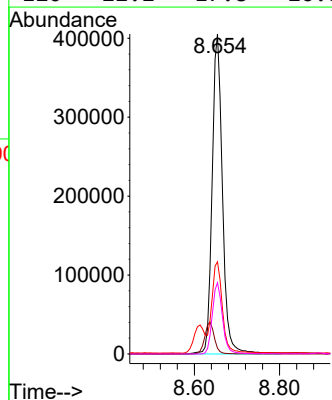
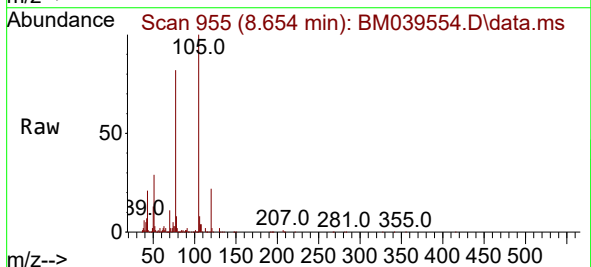
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

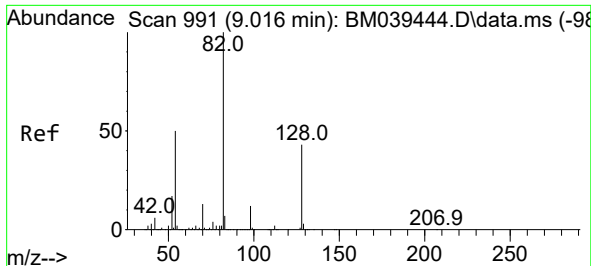
Tgt Ion:136 Resp: 615526
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.9 10.3
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 41.866 ng
RT: 8.654 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:105 Resp: 682866
Ion Ratio Lower Upper
105 100
71 1.8 2.6 3.8#
51 28.8 22.3 33.5
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 87.062 ng

RT: 8.995 min Scan# 1094314

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

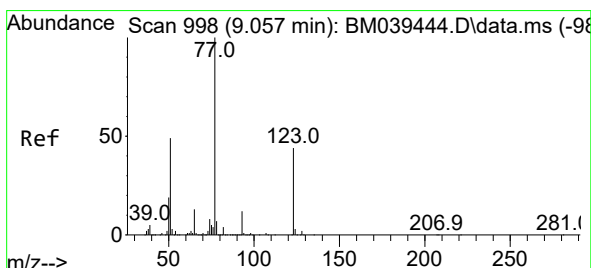
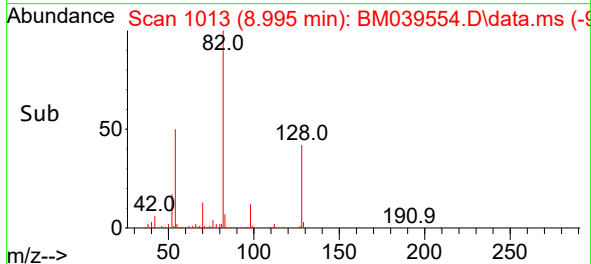
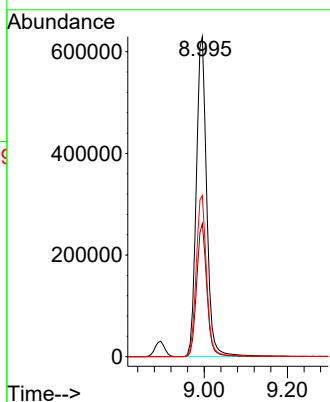
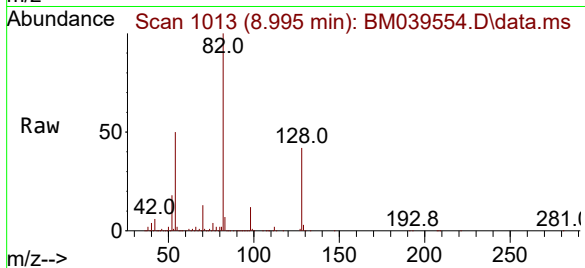
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1094314

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.2
54	50.3	39.7	59.5



#24

Nitrobenzene

Concen: 44.124 ng

RT: 9.037 min Scan# 1020

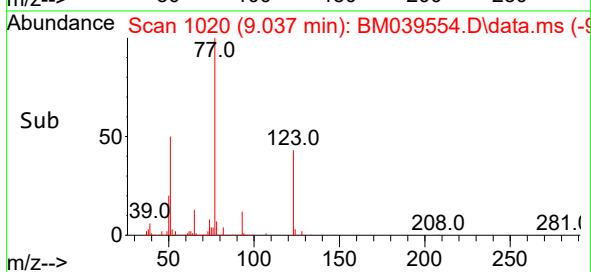
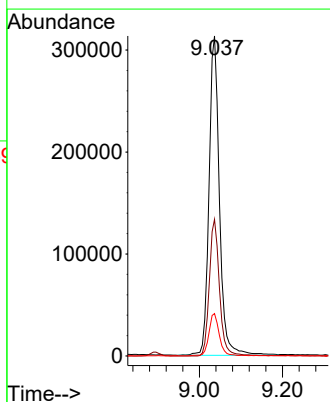
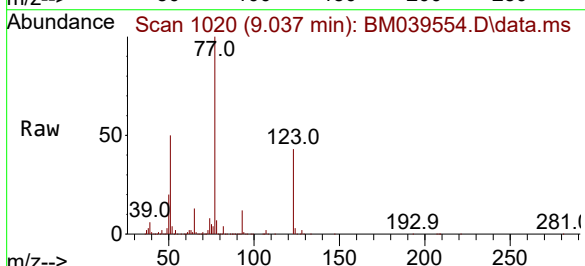
Delta R.T. 0.000 min

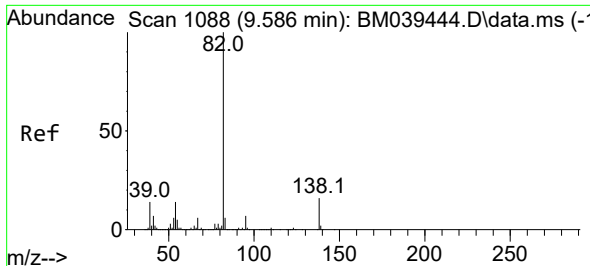
Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Tgt Ion: 77 Resp: 546233

Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.0	52.6
65	13.2	10.4	15.6

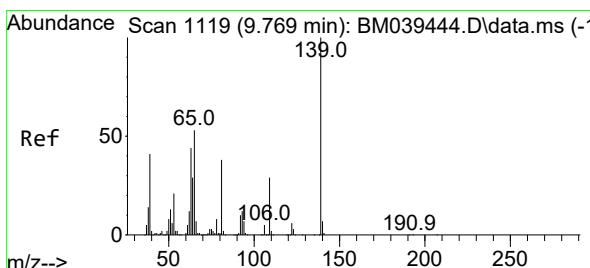
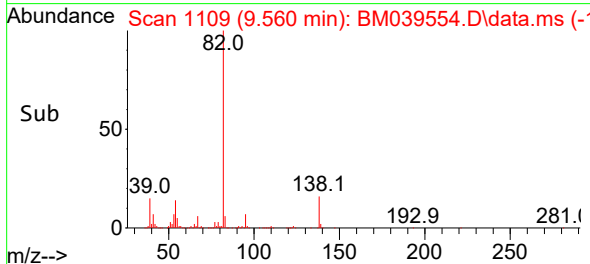
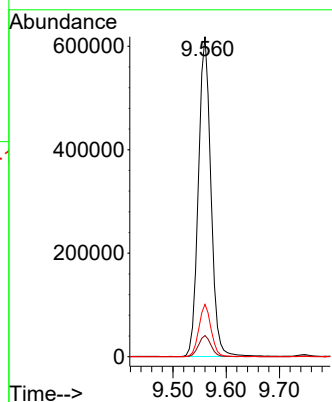
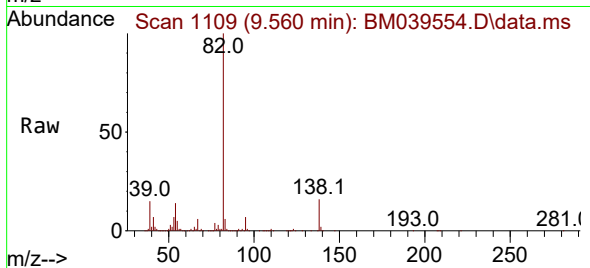




#25
Isophorone
Concen: 38.735 ng
RT: 9.560 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

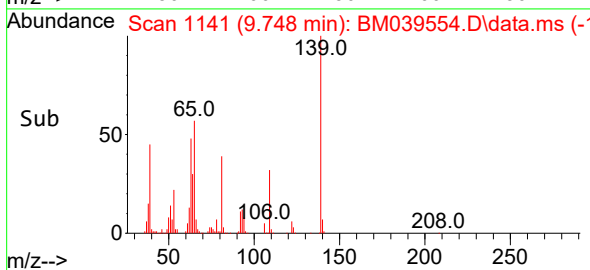
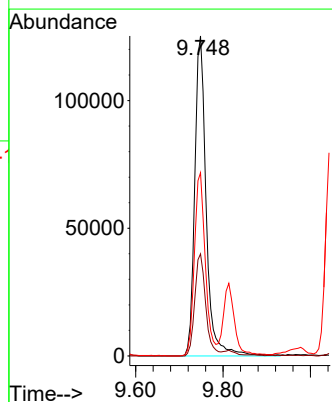
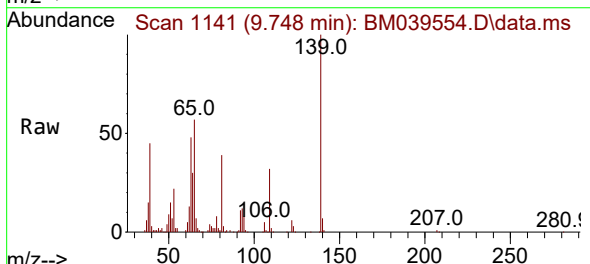
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

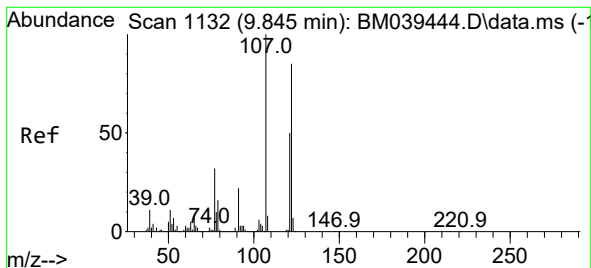
Tgt Ion: 82 Resp: 1008364
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.3 13.1 19.7



#26
2-Nitrophenol
Concen: 41.061 ng
RT: 9.748 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 139 Resp: 229386
Ion Ratio Lower Upper
139 100
109 31.9 23.0 34.6
65 57.2 42.9 64.3

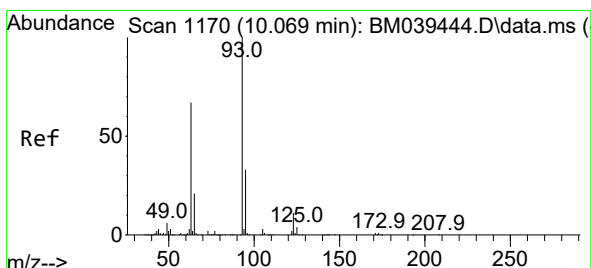
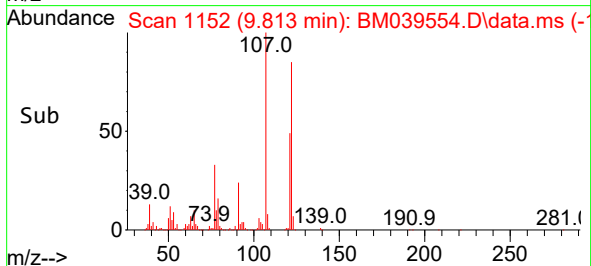
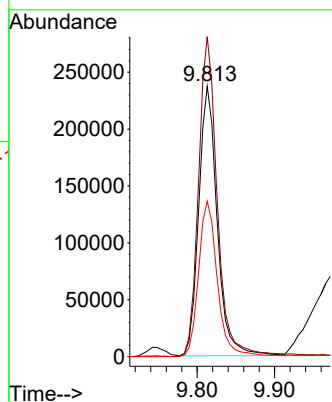
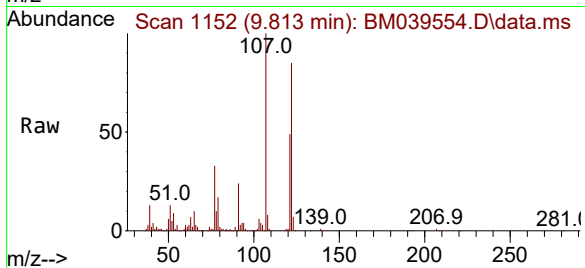




#27
 2,4-Dimethylphenol
 Concen: 40.643 ng
 RT: 9.813 min Scan# 1152
 Delta R.T. -0.006 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

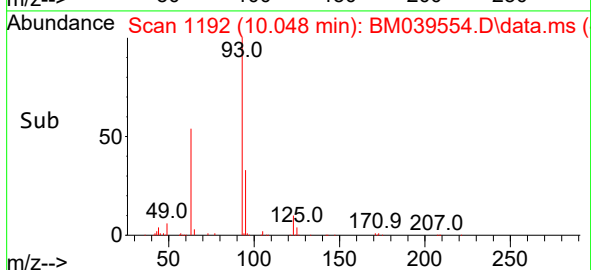
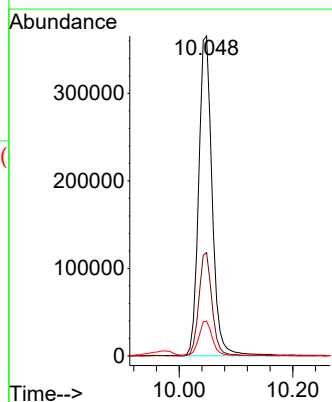
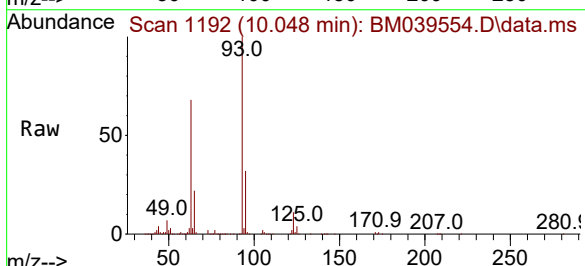
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

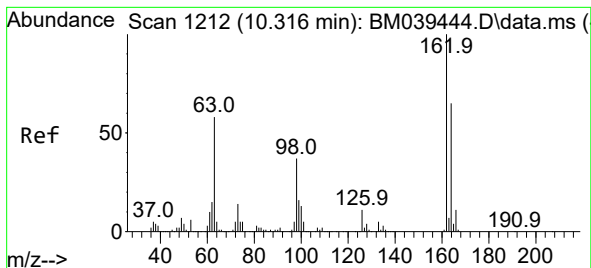
Tgt Ion:122 Resp: 392381
 Ion Ratio Lower Upper
 122 100
 107 118.3 94.3 141.5
 121 57.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.717 ng
 RT: 10.048 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

Tgt Ion: 93 Resp: 602519
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 41.319 ng

RT: 10.284 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

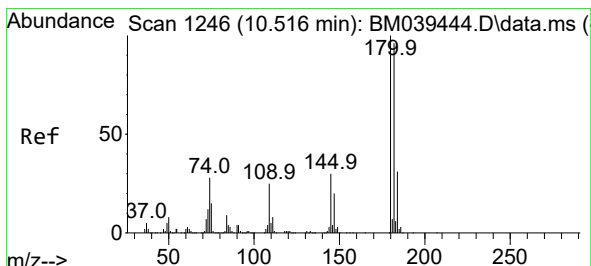
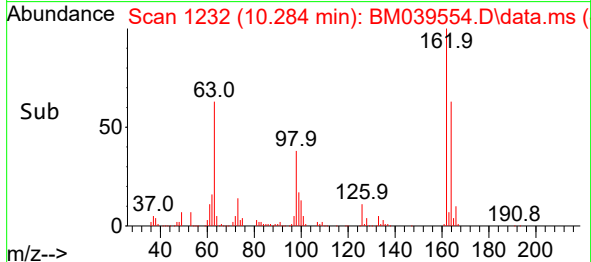
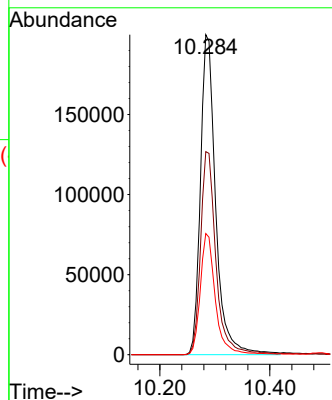
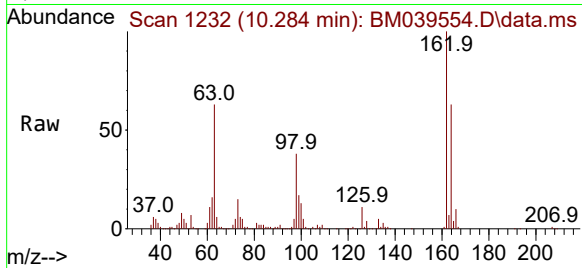
Tgt Ion:162 Resp: 386244

Ion Ratio Lower Upper

162 100

164 63.5 44.7 84.7

98 37.8 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 42.665 ng

RT: 10.489 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

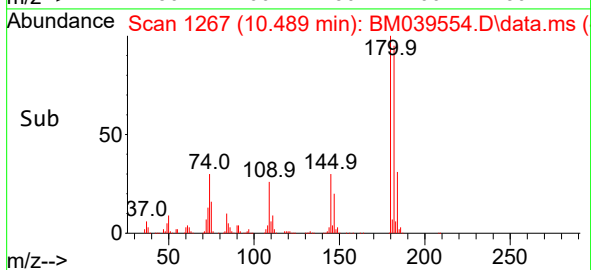
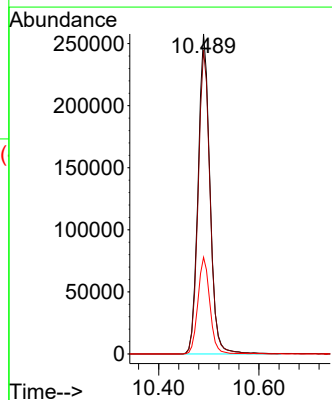
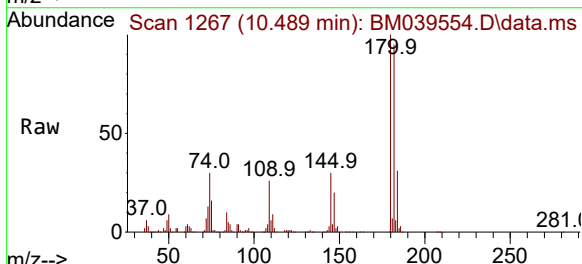
Tgt Ion:180 Resp: 422138

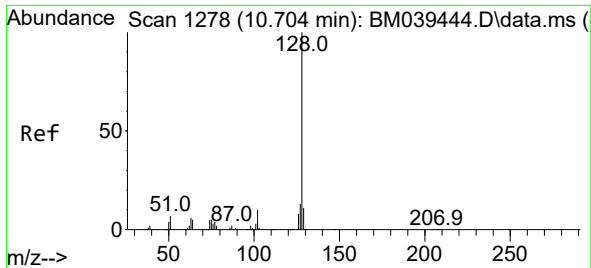
Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

145 30.2 24.2 36.4

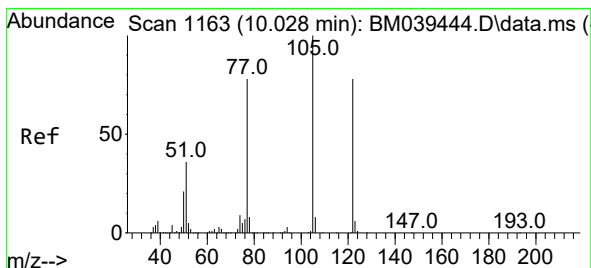
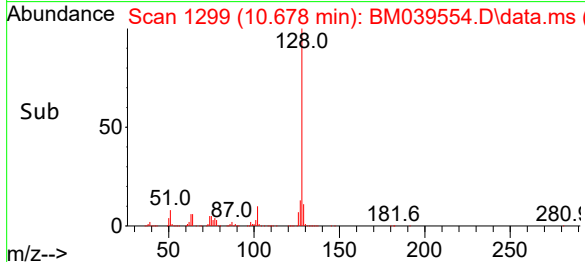
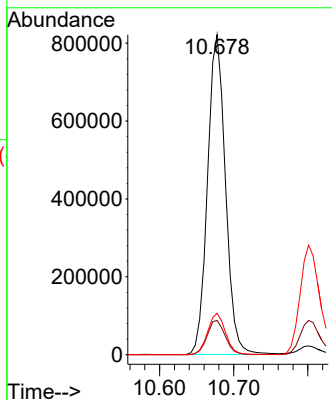
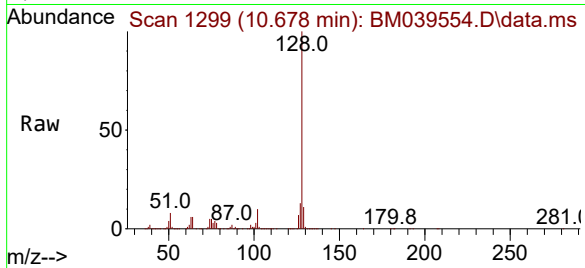




#31
Naphthalene
Concen: 41.553 ng
RT: 10.678 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

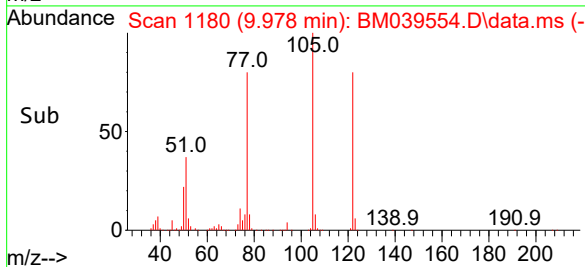
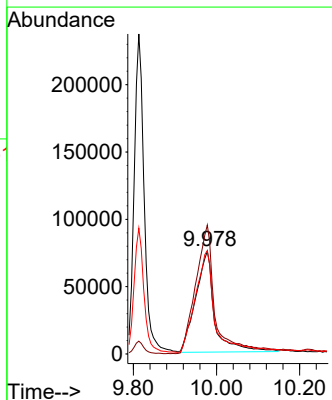
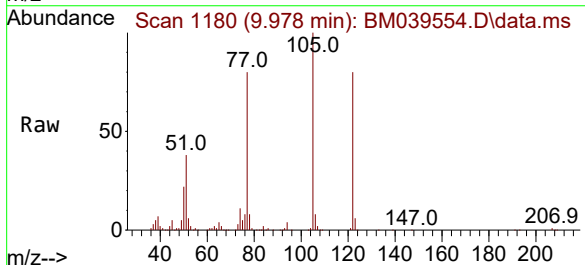
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

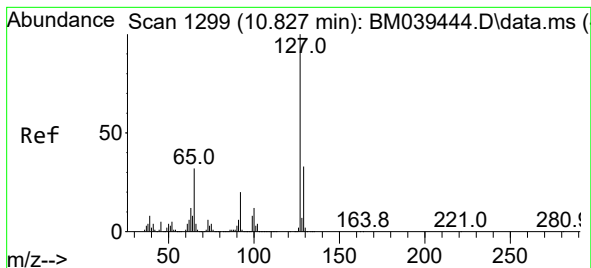
Tgt Ion:128 Resp: 1381994
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 32.718 ng
RT: 9.978 min Scan# 1180
Delta R.T. -0.029 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:122 Resp: 238031
Ion Ratio Lower Upper
122 100
105 125.5 105.9 145.9
77 100.5 78.8 118.8

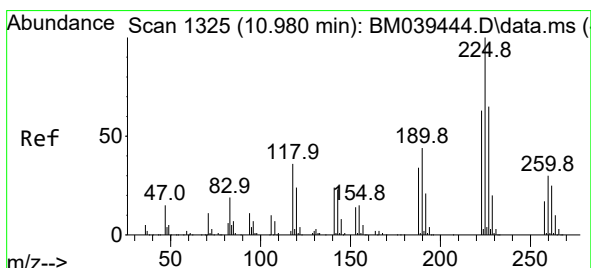
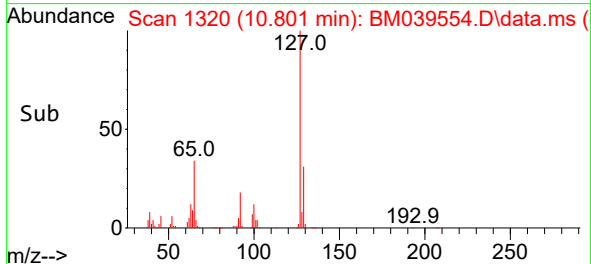
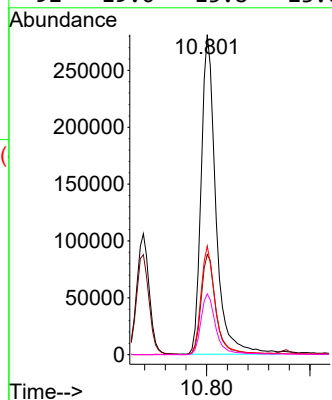
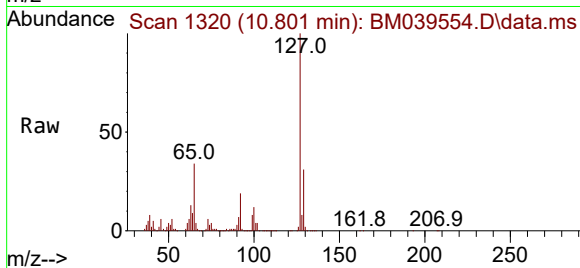




#33
4-Chloroaniline
Concen: 39.600 ng
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

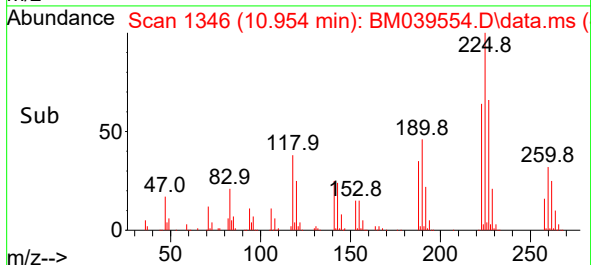
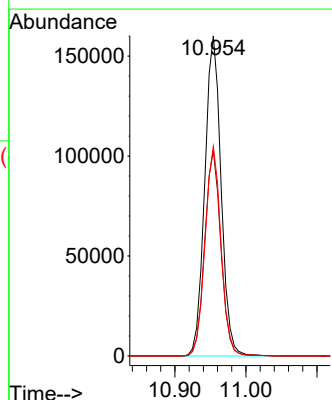
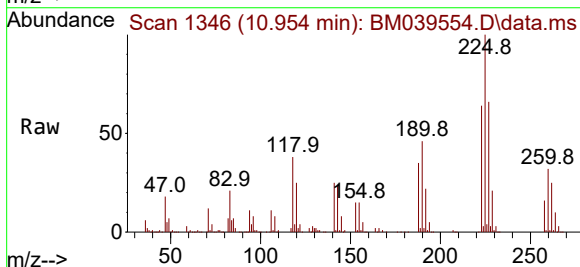
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

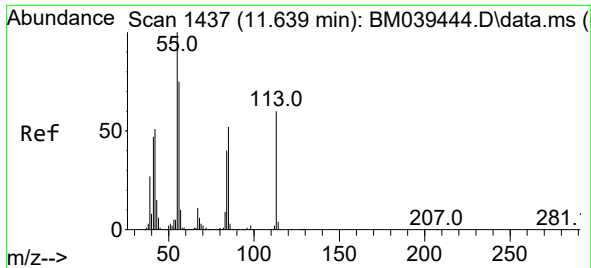
Tgt Ion:	127	Resp:	556390
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.1	39.1
65	34.0	25.7	38.5
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 43.527 ng
RT: 10.954 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:	225	Resp:	255755
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.1	75.1
227	65.5	51.7	77.5

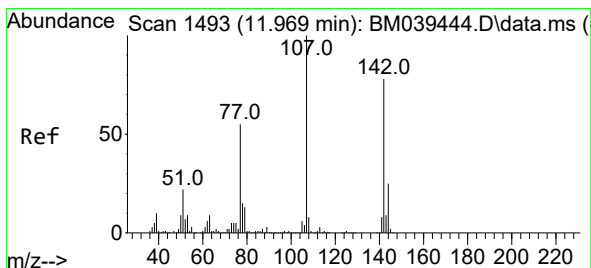
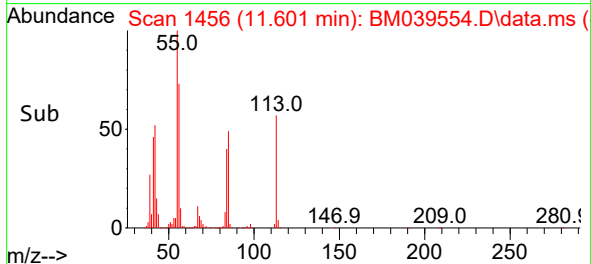
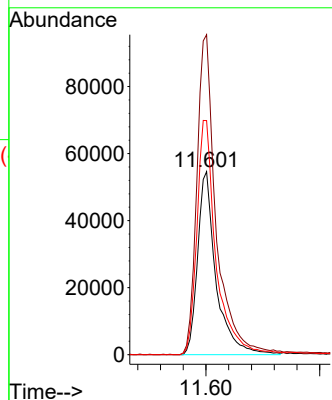
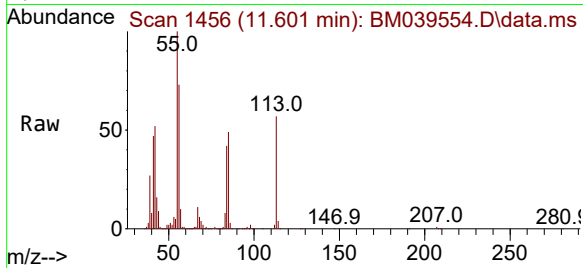




#35
Caprolactam
Concen: 33.120 ng
RT: 11.601 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

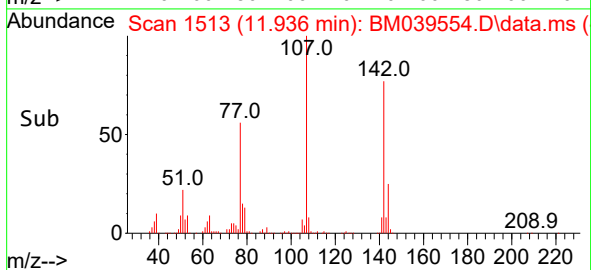
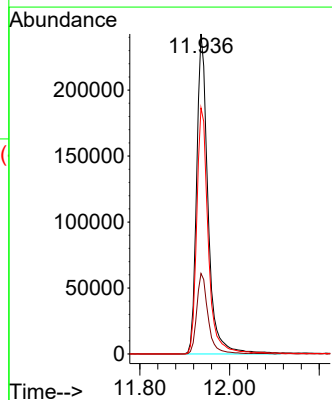
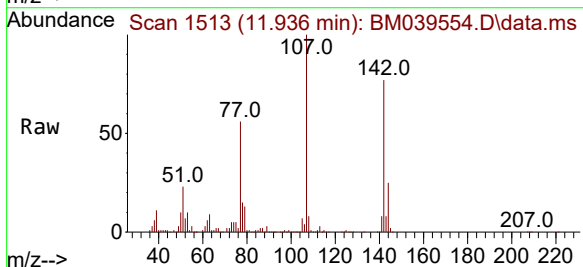
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

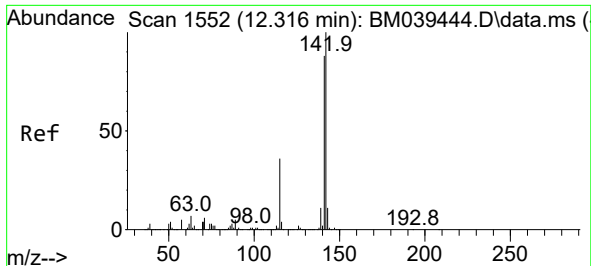
Tgt Ion:113 Resp: 123476
Ion Ratio Lower Upper
113 100
55 174.8 147.8 187.8
56 127.9 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 37.715 ng
RT: 11.936 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:107 Resp: 429126
Ion Ratio Lower Upper
107 100
144 25.2 19.7 29.5
142 76.9 62.2 93.2





#37

2-Methylnaphthalene

Concen: 39.491 ng

RT: 12.295 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

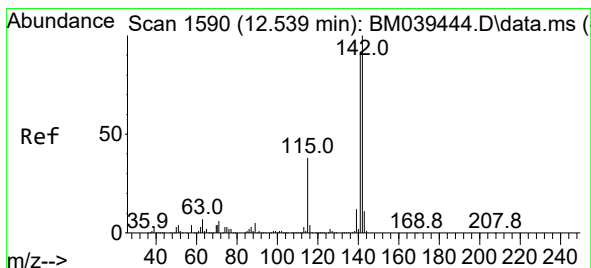
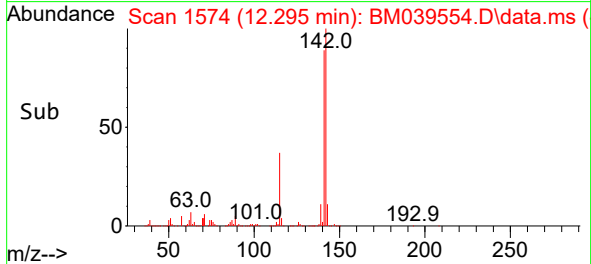
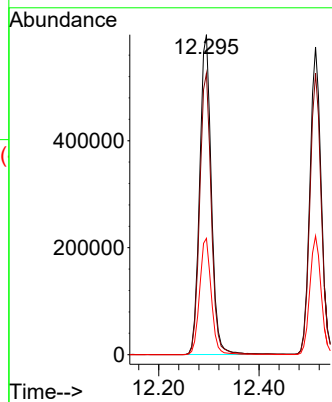
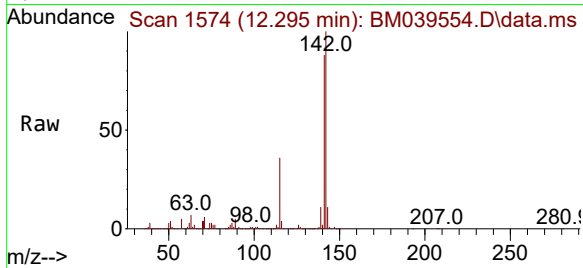
Tgt Ion:142 Resp: 965237

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 36.4 28.8 43.2



#38

1-Methylnaphthalene

Concen: 38.899 ng

RT: 12.513 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

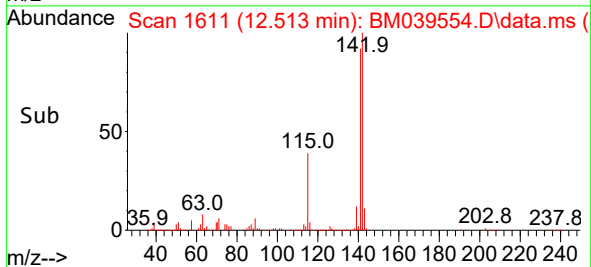
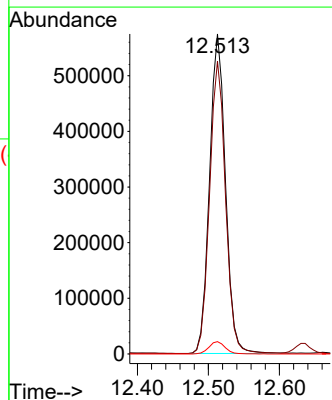
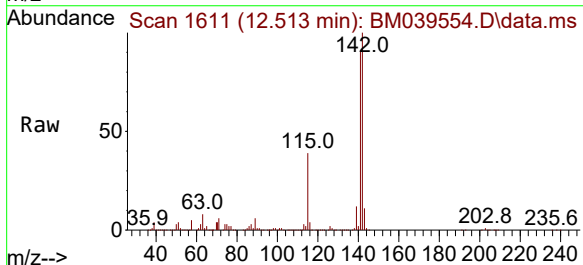
Tgt Ion:142 Resp: 895935

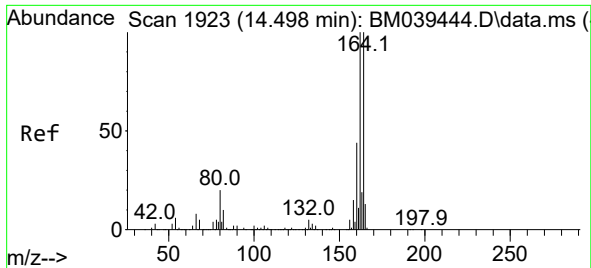
Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9

116 3.8 3.1 4.7

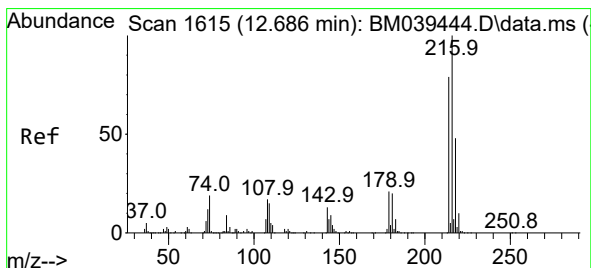
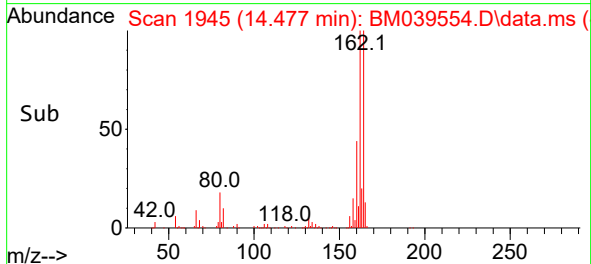
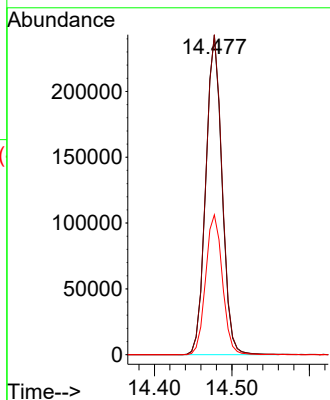
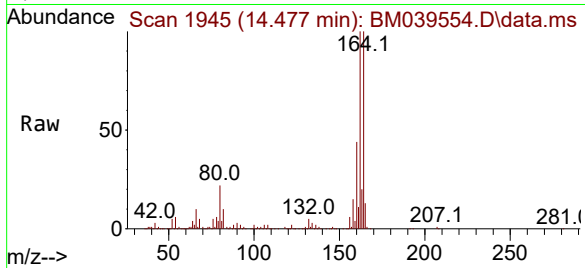




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

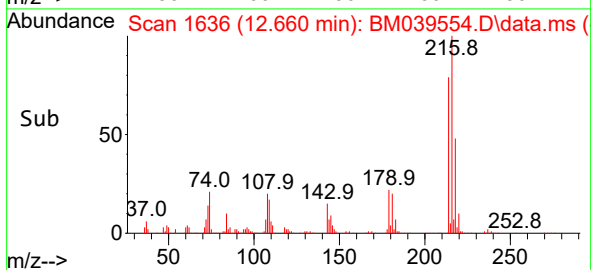
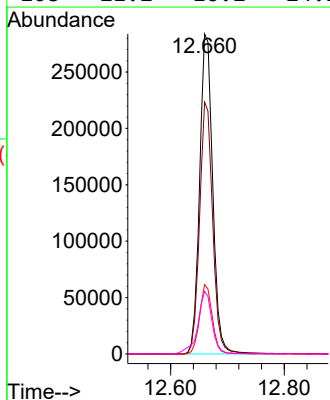
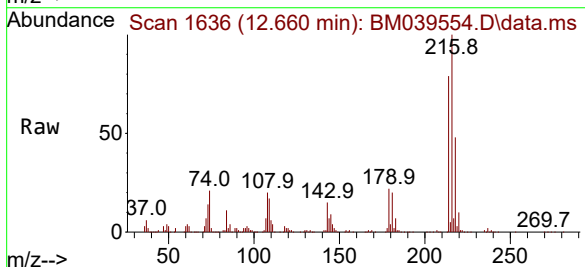
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

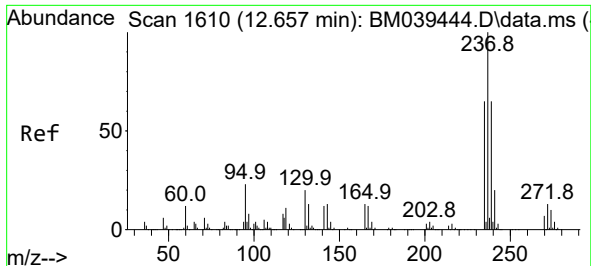
Tgt Ion:164 Resp: 351854
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 43.7 35.0 52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.262 ng
RT: 12.660 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:216 Resp: 454253
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.2 16.8 25.2
108 21.2 16.2 24.2

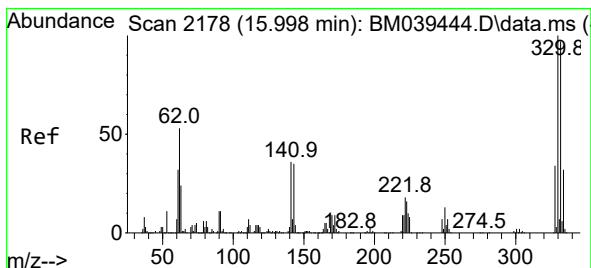
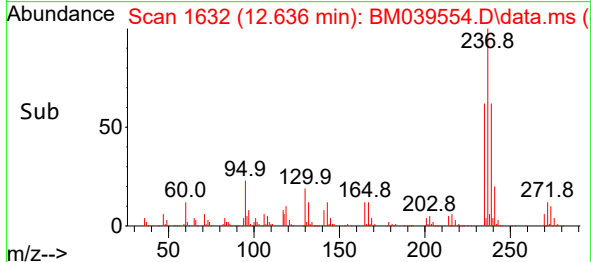
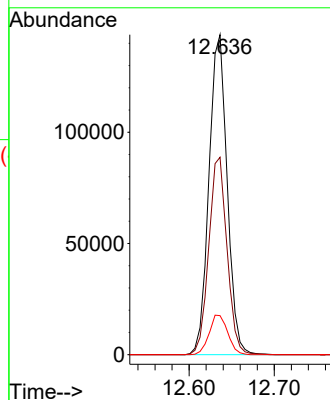
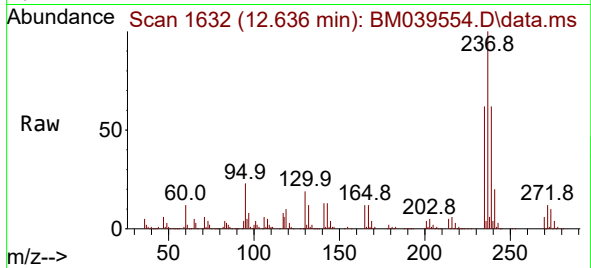




#41
Hexachlorocyclopentadiene
Concen: 39.993 ng
RT: 12.636 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

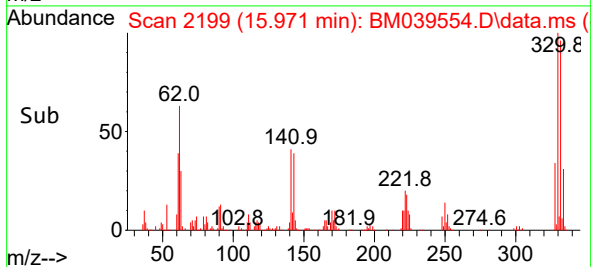
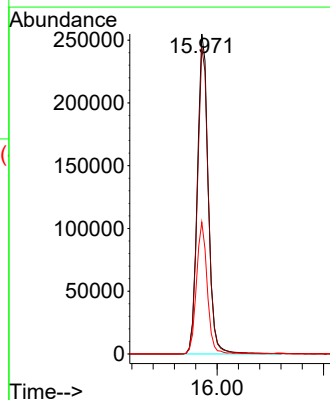
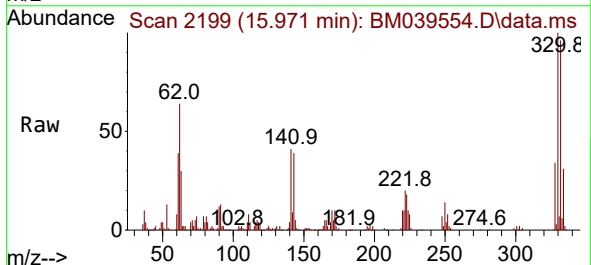
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ClientSampleId :
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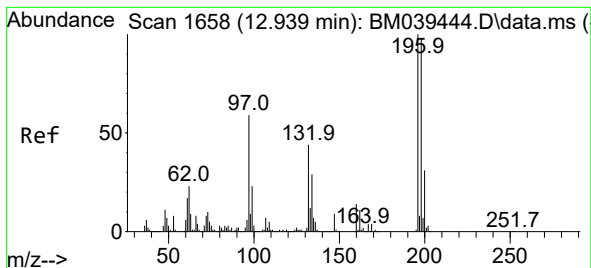
Tgt Ion:237 Resp: 213243
Ion Ratio Lower Upper
237 100
235 61.7 44.7 84.7
272 12.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 79.311 ng
RT: 15.971 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:330 Resp: 362121
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 40.8 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 42.319 ng

RT: 12.913 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

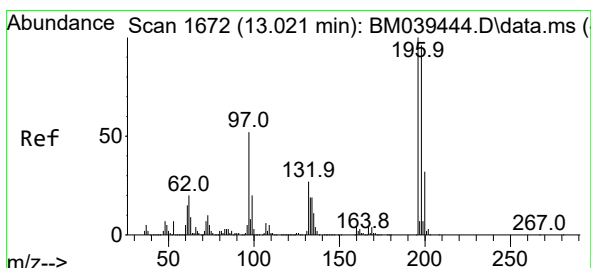
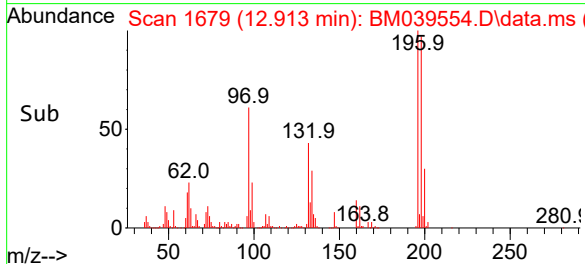
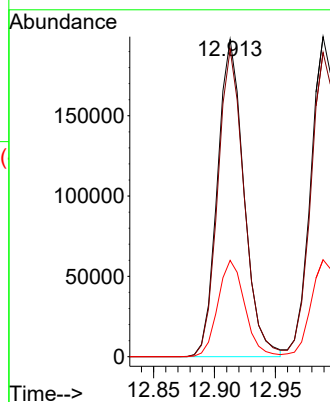
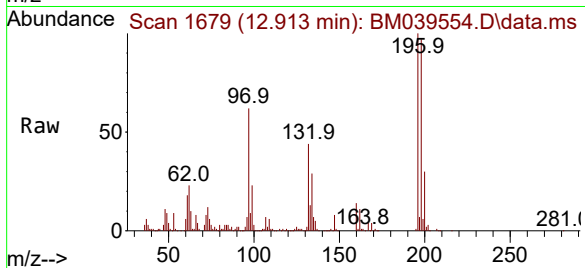
Tgt Ion:196 Resp: 299198

Ion Ratio Lower Upper

196 100

198 96.9 78.1 117.1

200 30.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 41.837 ng

RT: 12.989 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Tgt Ion:196 Resp: 349574

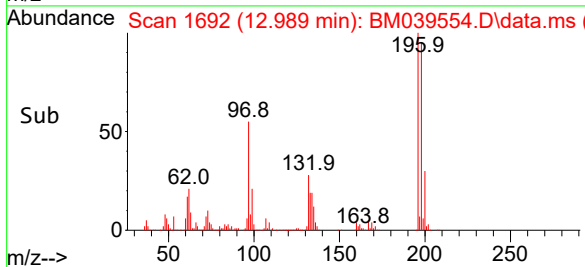
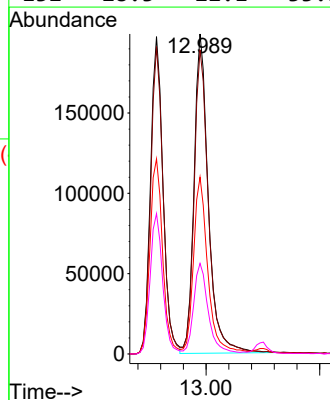
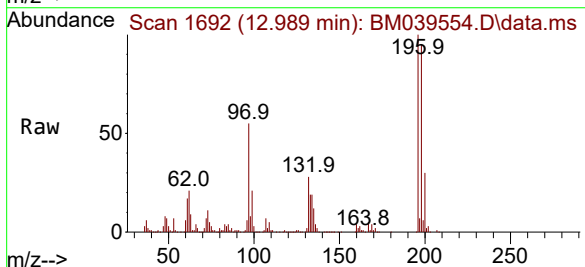
Ion Ratio Lower Upper

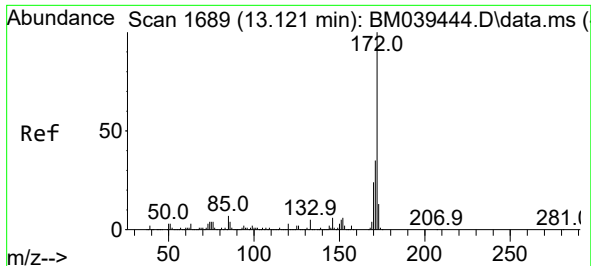
196 100

198 95.1 76.8 115.2

97 55.2 41.9 62.9

132 28.3 22.1 33.1

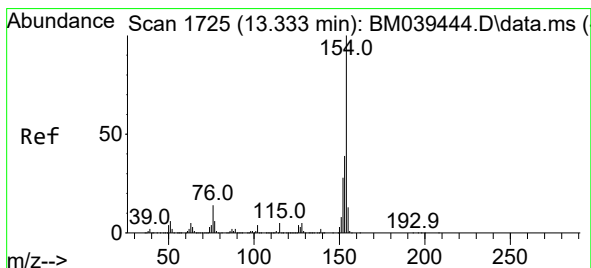
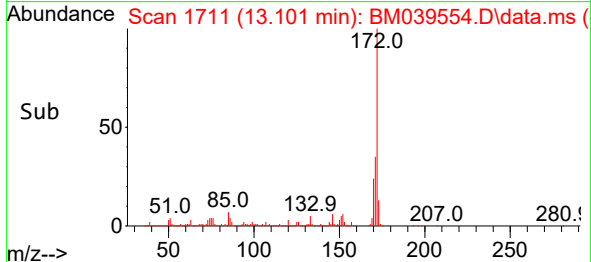
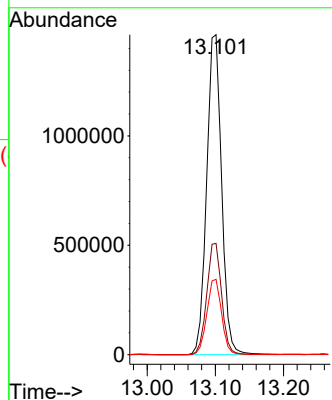
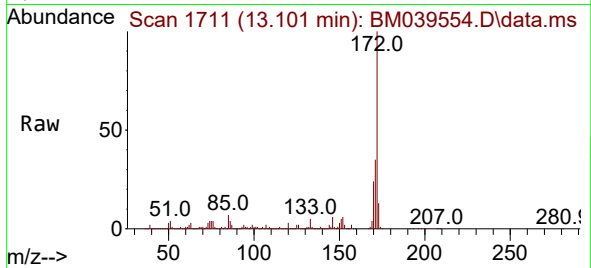




#45
2-Fluorobiphenyl
Concen: 87.845 ng
RT: 13.101 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

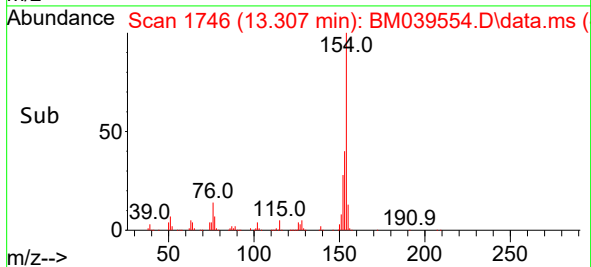
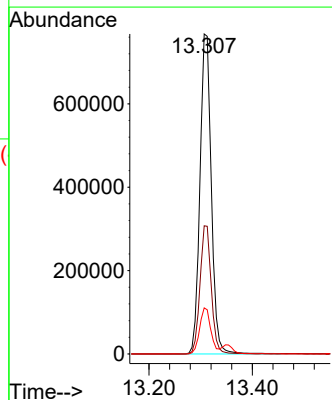
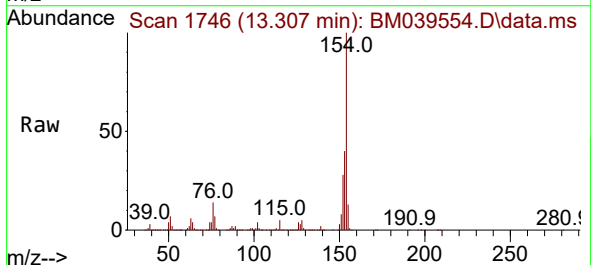
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

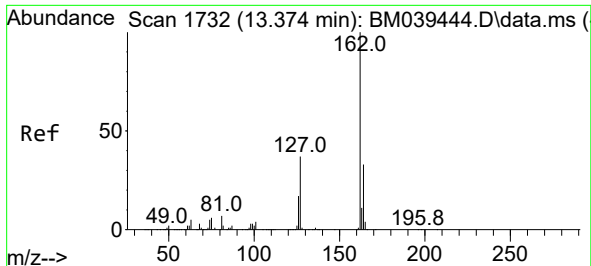
Tgt Ion:172 Resp: 2233883
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.186 ng
RT: 13.307 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:154 Resp: 1170639
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 14.4 0.0 34.1

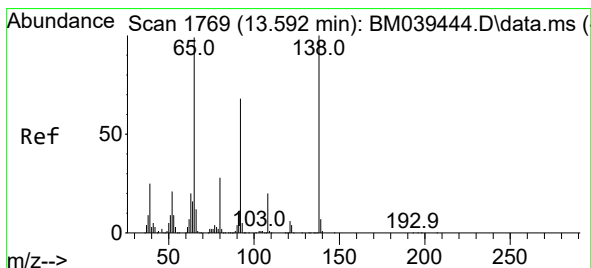
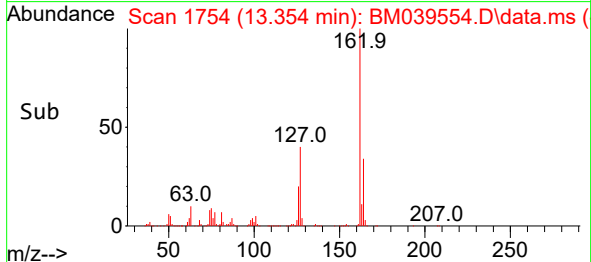
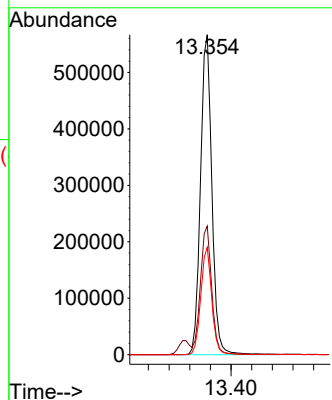
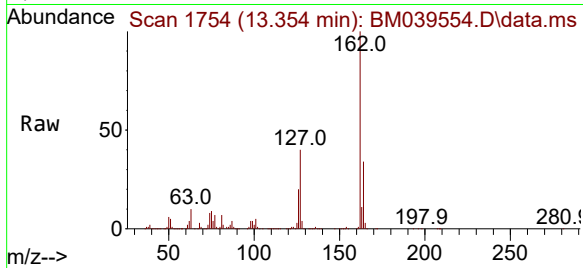




#47
2-Chloronaphthalene
Concen: 42.985 ng
RT: 13.354 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

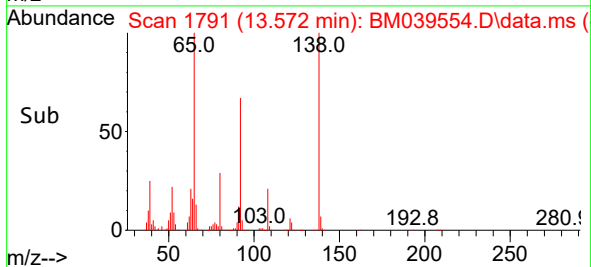
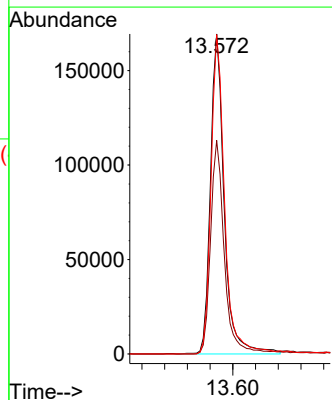
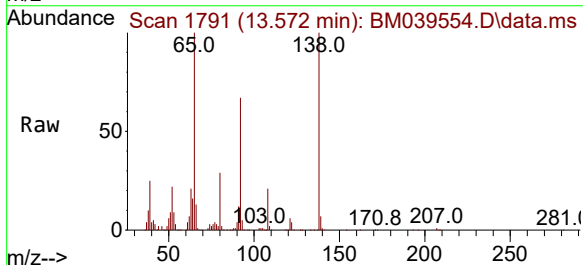
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

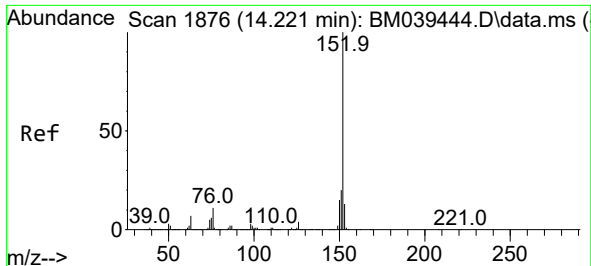
Tgt Ion:162 Resp: 866191
Ion Ratio Lower Upper
162 100
127 40.2 31.9 47.9
164 33.5 26.1 39.1



#48
2-Nitroaniline
Concen: 41.150 ng
RT: 13.572 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion: 65 Resp: 283545
Ion Ratio Lower Upper
65 100
92 66.8 54.7 82.1
138 99.8 80.8 121.2

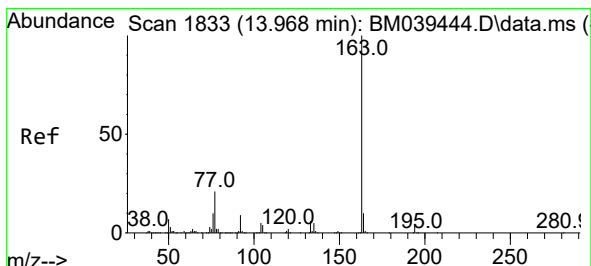
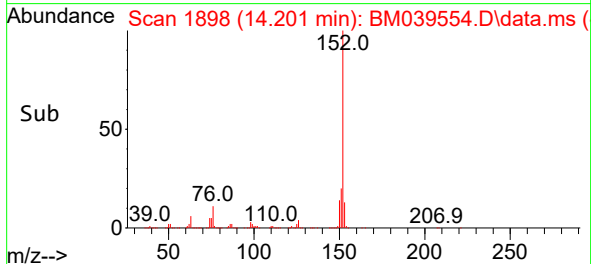
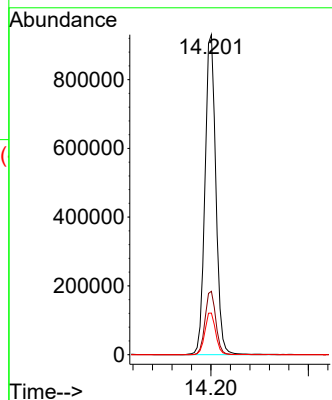
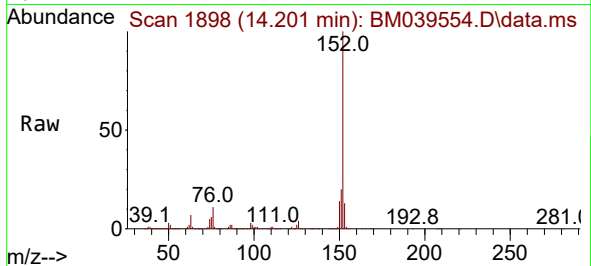




#49
Acenaphthylene
Concen: 41.573 ng
RT: 14.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

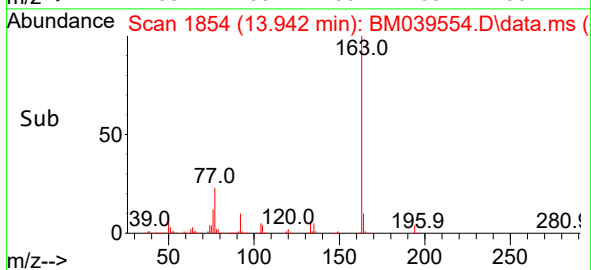
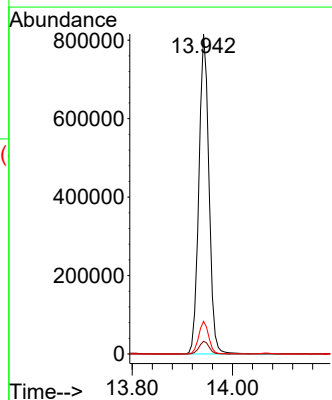
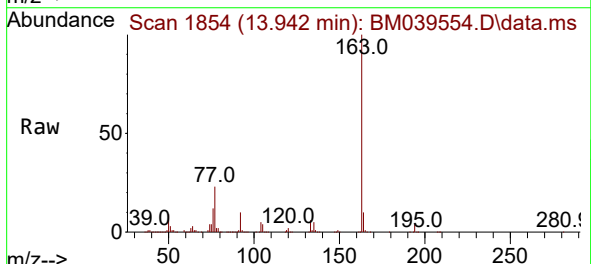
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

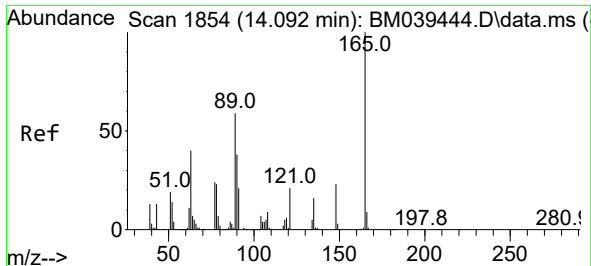
Tgt Ion:152 Resp: 1432959
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 39.822 ng
RT: 13.942 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:163 Resp: 1134207
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.800 ng

RT: 14.066 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

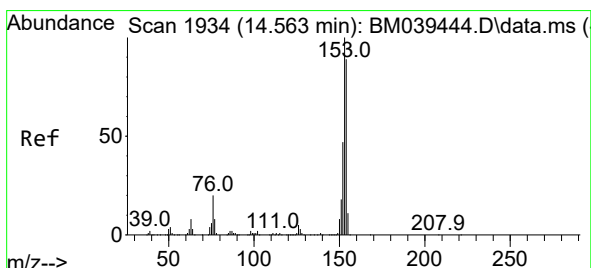
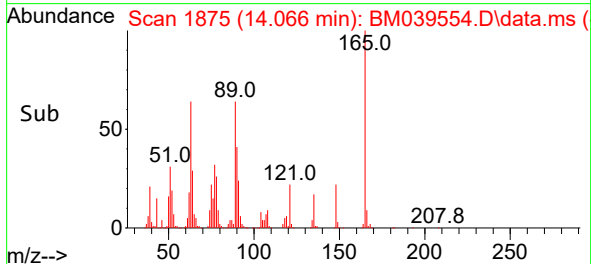
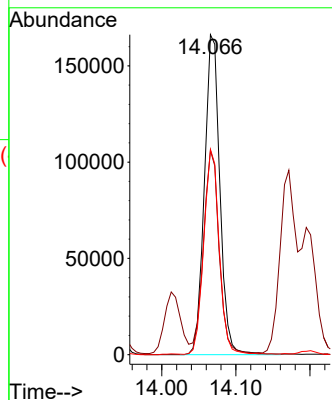
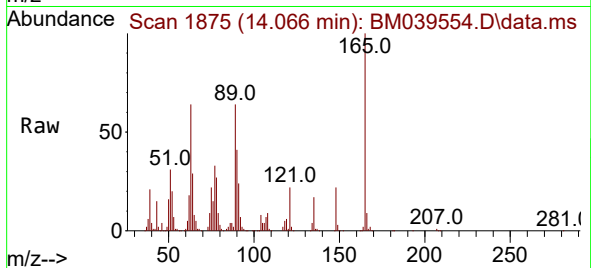
Tgt Ion:165 Resp: 240999

Ion Ratio Lower Upper

165 100

63 63.9 46.6 69.8

89 64.1 47.4 71.0



#52

Acenaphthene

Concen: 41.664 ng

RT: 14.542 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

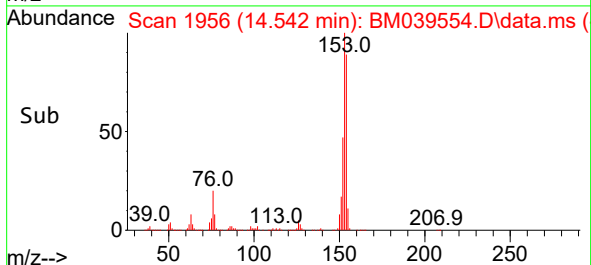
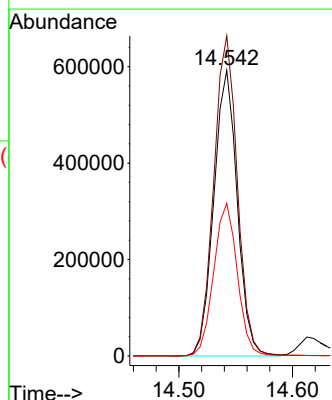
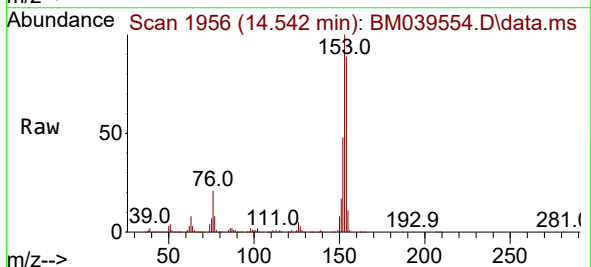
Tgt Ion:154 Resp: 850302

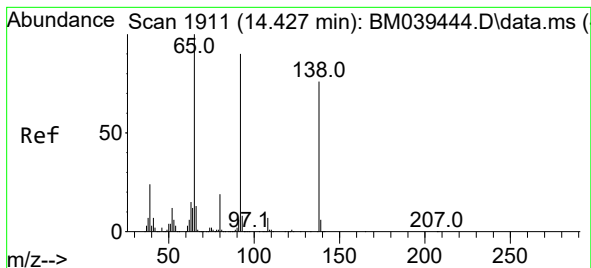
Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.8

152 53.5 42.7 64.1

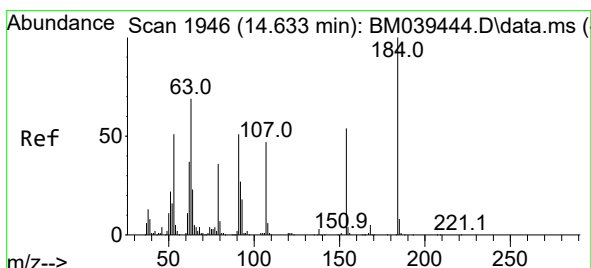
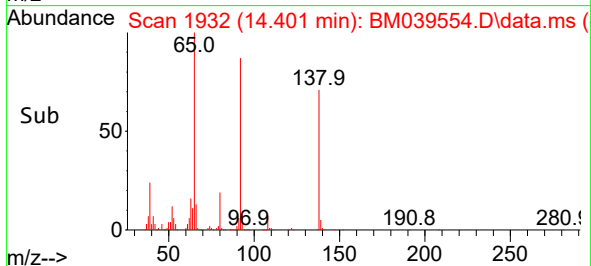
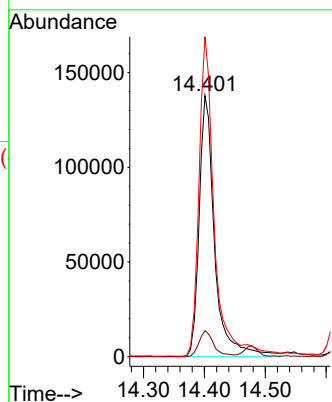
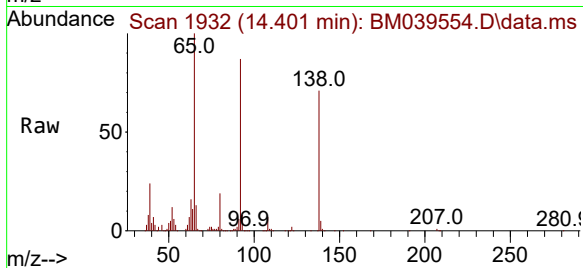




#53
3-Nitroaniline
Concen: 39.367 ng
RT: 14.401 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

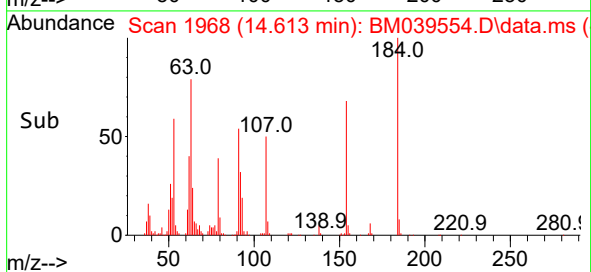
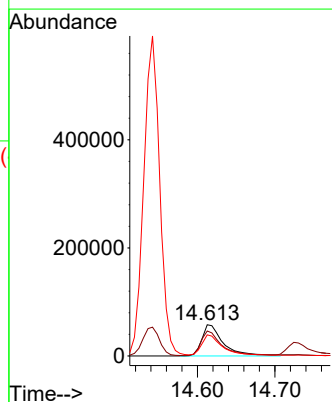
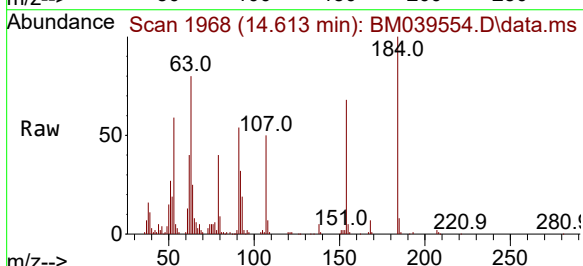
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

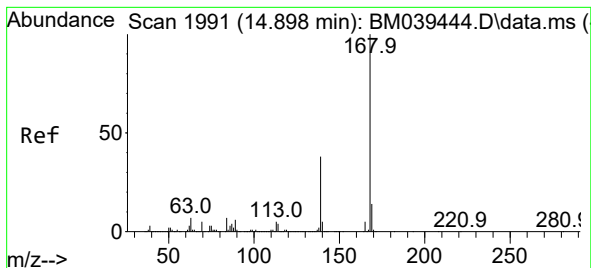
Tgt Ion:138 Resp: 243243
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 122.6 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 33.031 ng
RT: 14.613 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:184 Resp: 111649
Ion Ratio Lower Upper
184 100
63 80.1 56.4 84.6
154 67.8 49.1 73.7





#55

Dibenzenofuran

Concen: 41.575 ng

RT: 14.877 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

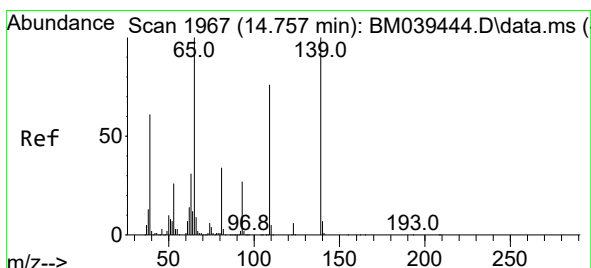
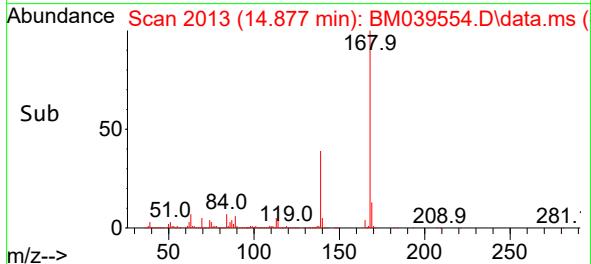
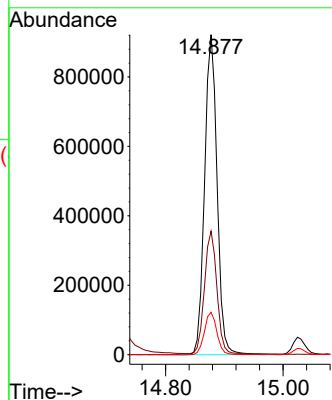
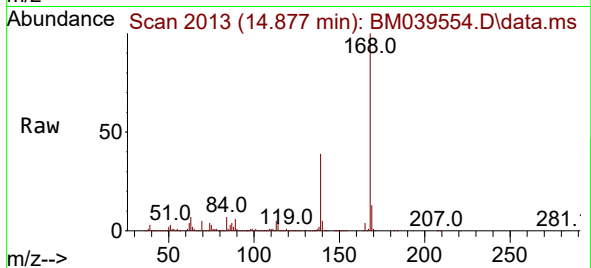
Tgt Ion:168 Resp: 1363439

Ion Ratio Lower Upper

168 100

139 38.6 30.8 46.2

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 34.811 ng

RT: 14.730 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

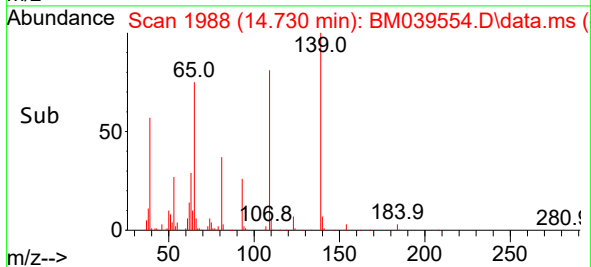
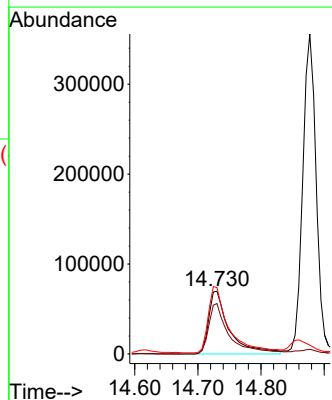
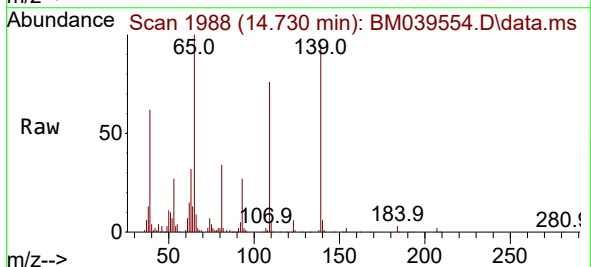
Tgt Ion:139 Resp: 158521

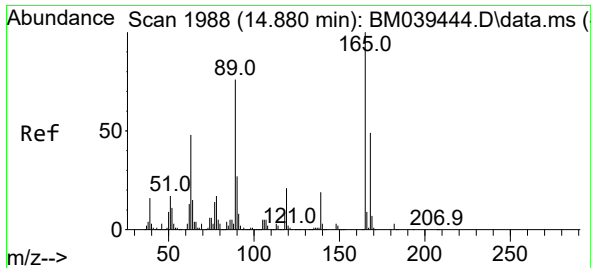
Ion Ratio Lower Upper

139 100

109 80.4 56.5 96.5

65 105.8 81.3 121.3

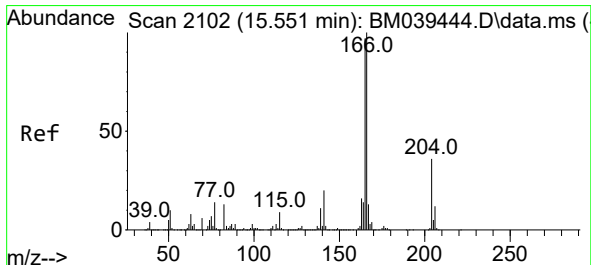
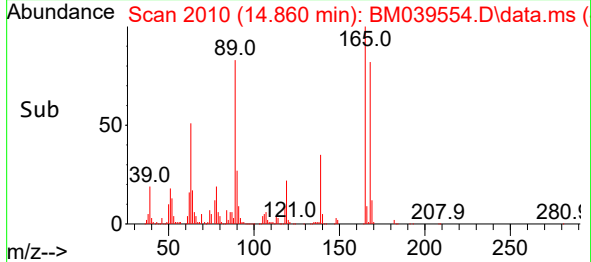
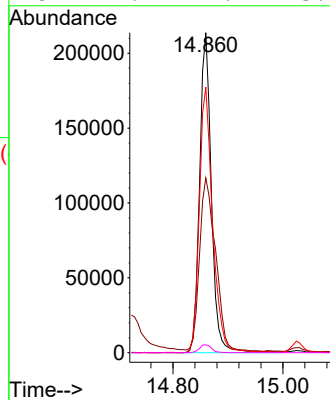
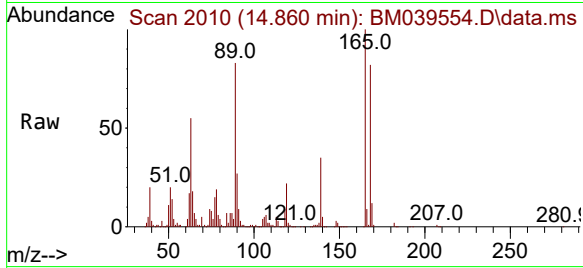




#57
2,4-Dinitrotoluene
Concen: 38.467 ng
RT: 14.860 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

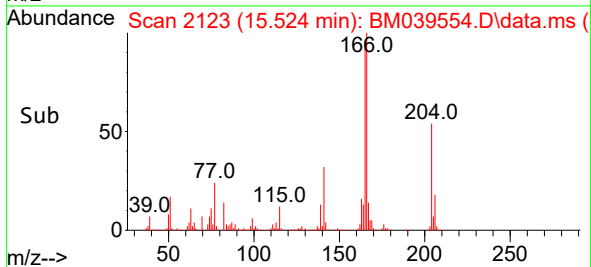
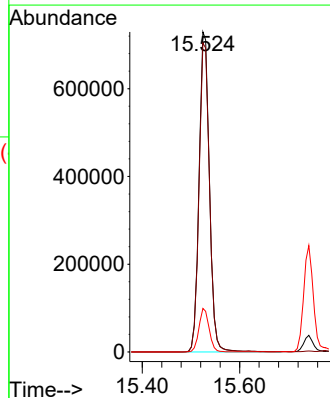
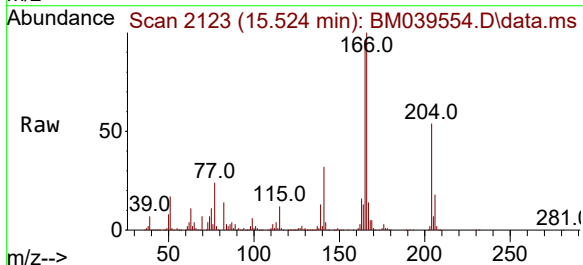
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

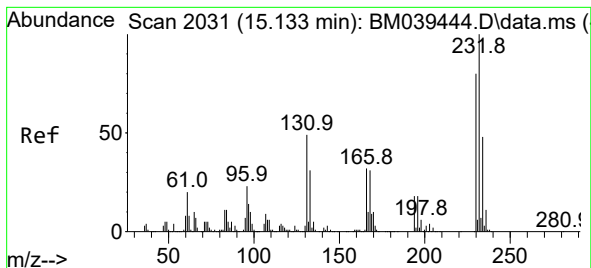
Tgt Ion:165 Resp: 318379
Ion Ratio Lower Upper
165 100
63 54.6 39.0 58.6
89 83.0 61.0 91.4
182 2.4 2.2 3.2



#58
Fluorene
Concen: 40.821 ng
RT: 15.524 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:166 Resp: 1085755
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.0
167 13.6 10.6 15.8

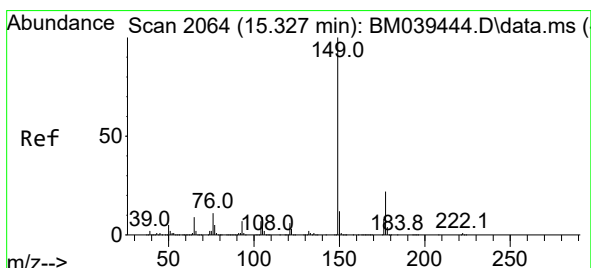
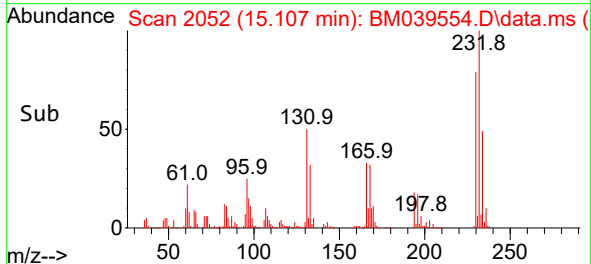
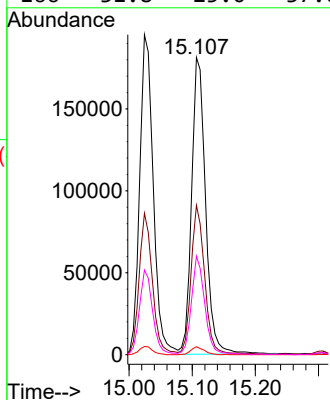
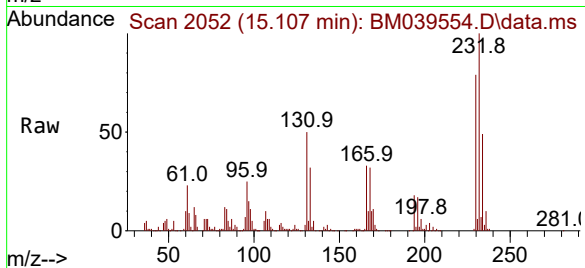




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.463 ng
RT: 15.107 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

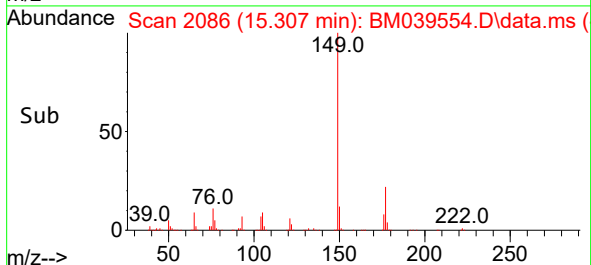
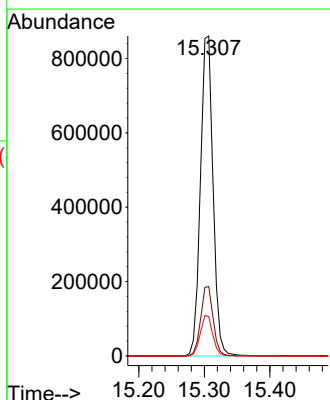
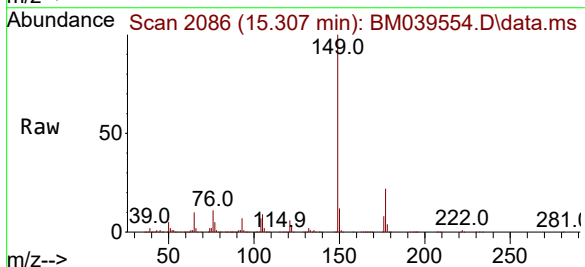
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

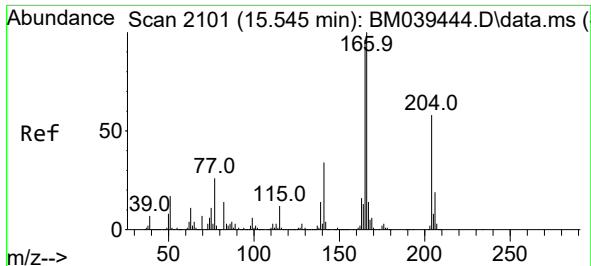
Tgt Ion:232 Resp: 278468
Ion Ratio Lower Upper
232 100
131 49.6 39.5 59.3
130 2.5 2.1 3.1
166 31.8 25.0 37.6



#60
Diethylphthalate
Concen: 39.118 ng
RT: 15.307 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:149 Resp: 1155100
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.3 10.0 15.0

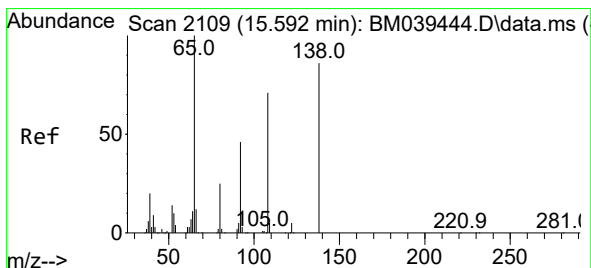
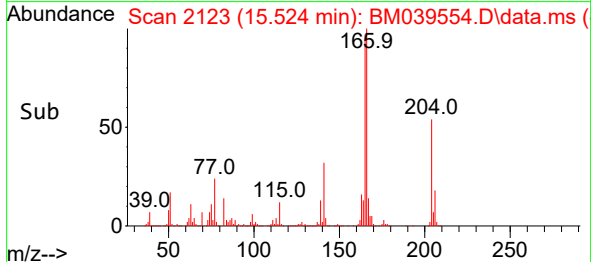
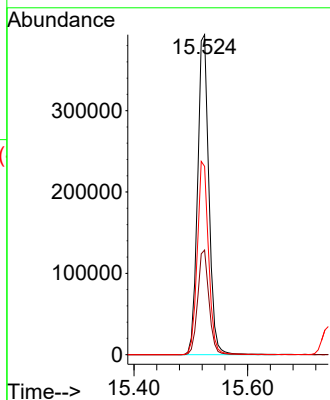
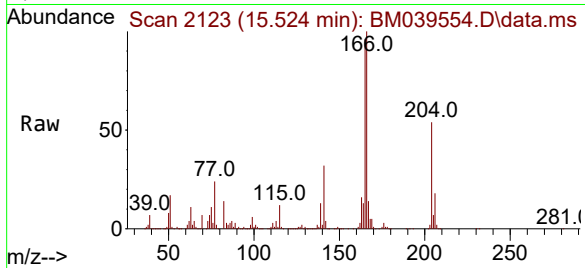




#61
4-Chlorophenyl-phenylether
Concen: 41.288 ng
RT: 15.524 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

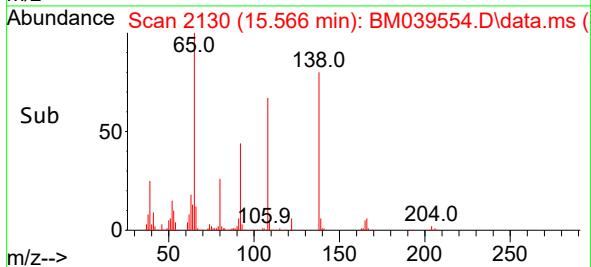
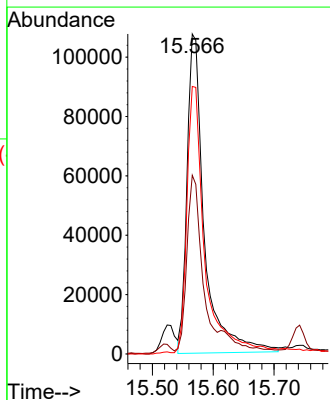
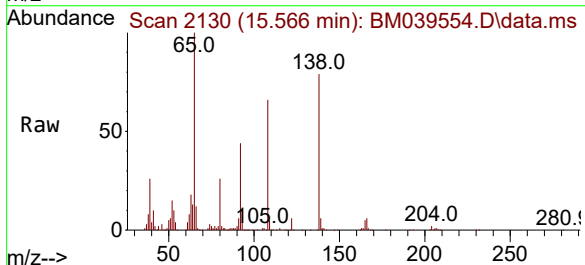
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

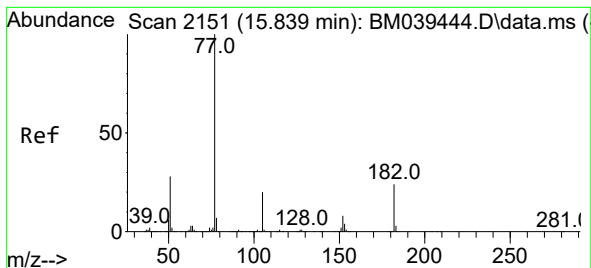
Tgt Ion:204 Resp: 544324
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 58.8 47.0 70.4



#62
4-Nitroaniline
Concen: 35.993 ng
RT: 15.566 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:138 Resp: 212550
Ion Ratio Lower Upper
138 100
92 55.9 32.6 72.6
108 83.6 60.6 100.6





#63

Azobenzene

Concen: 42.178 ng

RT: 15.818 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1213653

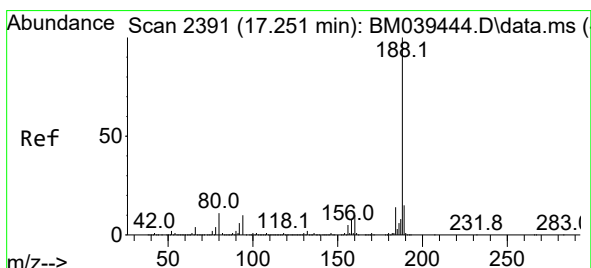
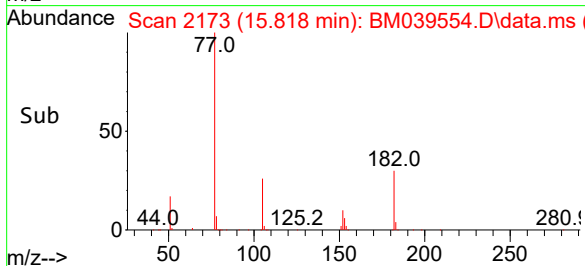
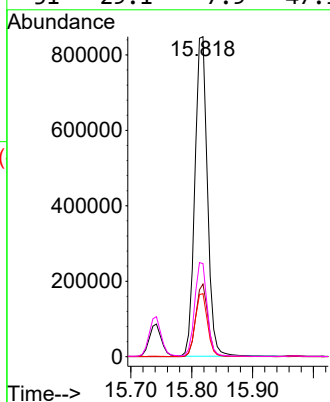
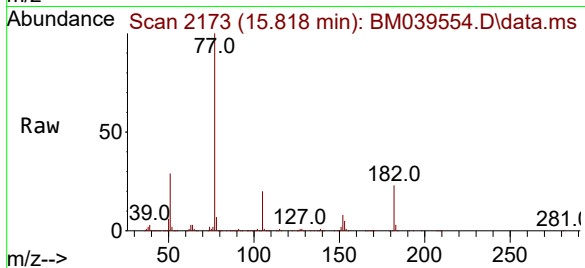
Ion Ratio Lower Upper

77 100

182 22.7 3.7 43.7

105 19.7 0.5 40.5

51 29.1 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

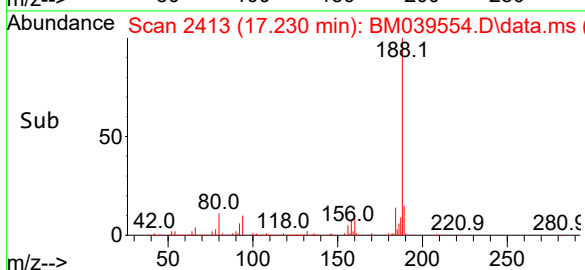
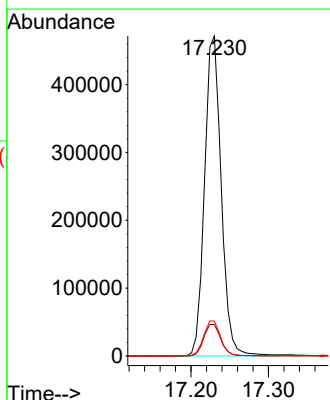
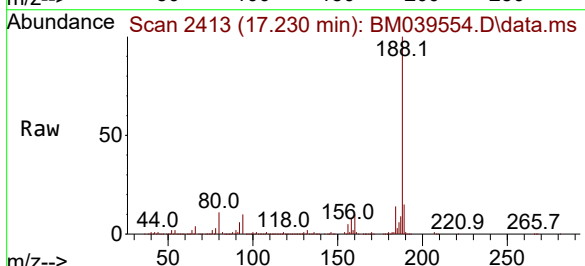
Tgt Ion:188 Resp: 704234

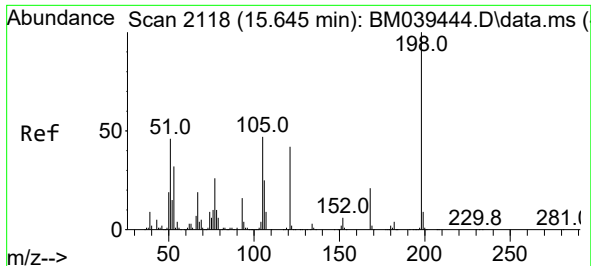
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.9 8.9 13.3

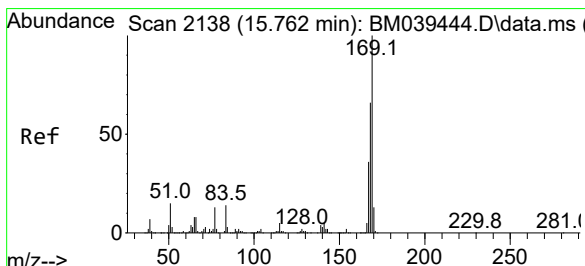
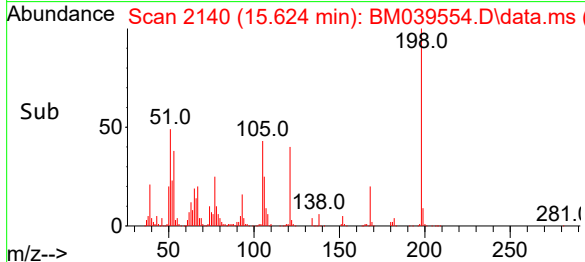
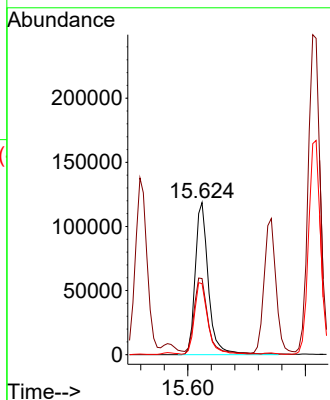
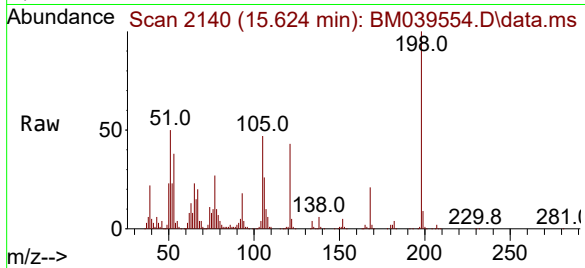




#65
4,6-Dinitro-2-methylphenol
Concen: 41.851 ng
RT: 15.624 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

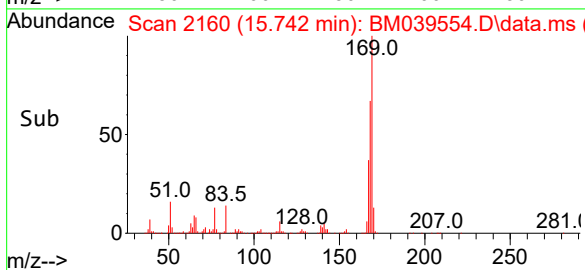
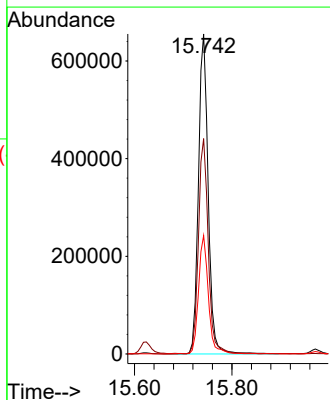
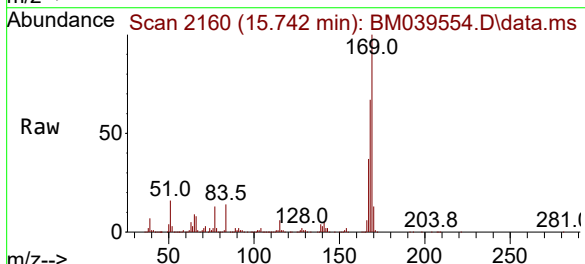
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

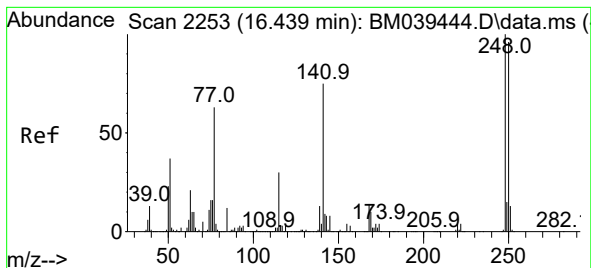
Tgt Ion:198 Resp: 184551
Ion Ratio Lower Upper
198 100
51 50.0 29.3 69.3
105 46.7 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 42.903 ng
RT: 15.742 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:169 Resp: 916013
Ion Ratio Lower Upper
169 100
168 67.3 52.6 79.0
167 37.0 29.0 43.4

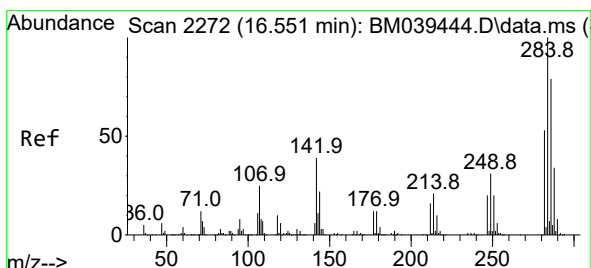
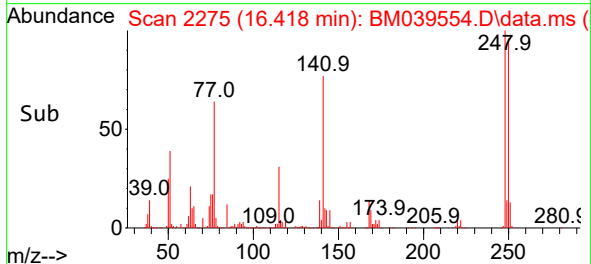
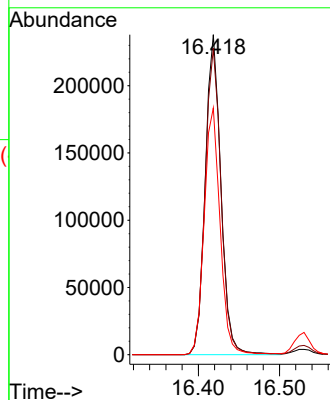
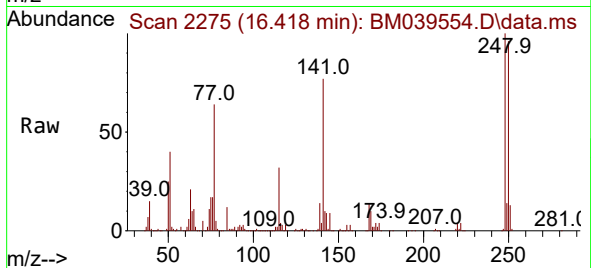




#67
4-Bromophenyl-phenylether
Concen: 43.001 ng
RT: 16.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

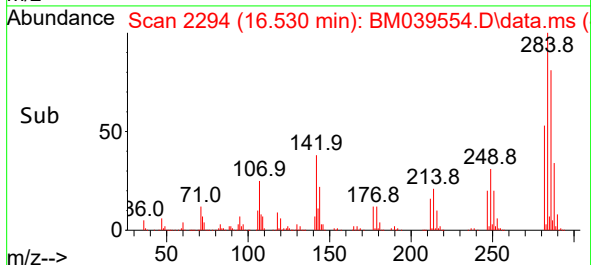
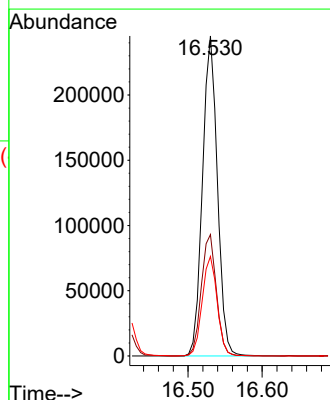
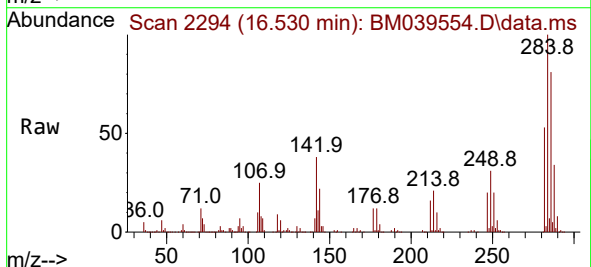
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

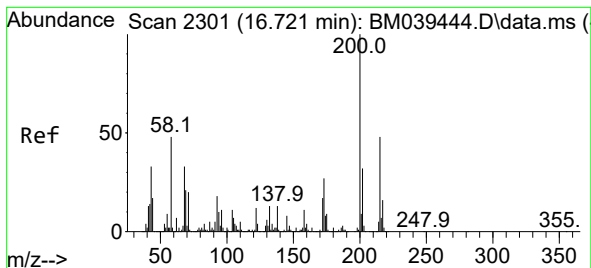
Tgt Ion:248 Resp: 318777
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.4
141 77.1 60.2 90.4



#68
Hexachlorobenzene
Concen: 42.568 ng
RT: 16.530 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:284 Resp: 342667
Ion Ratio Lower Upper
284 100
142 38.0 31.1 46.7
249 31.1 25.0 37.6





#69

Atrazine

Concen: 40.962 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

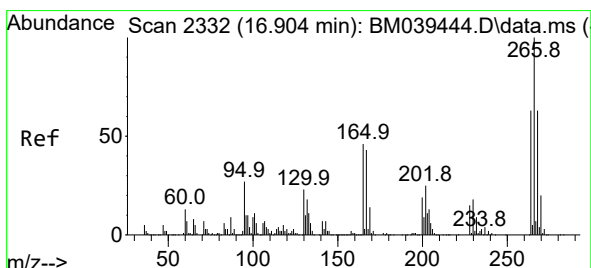
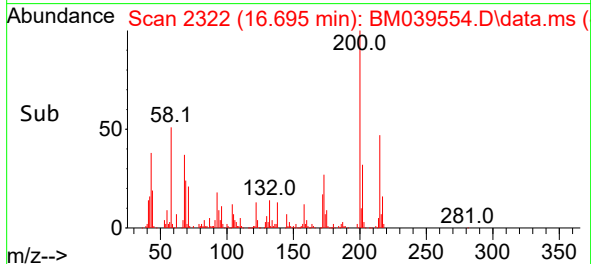
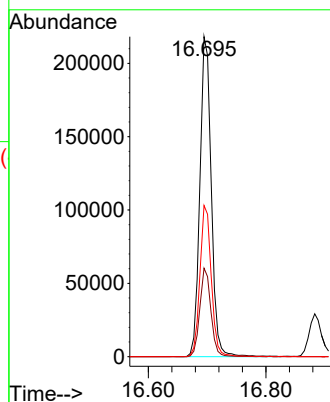
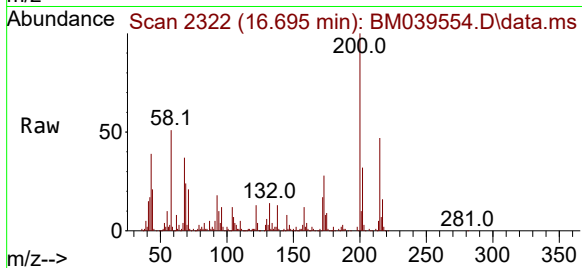
Tgt Ion:200 Resp: 293400

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 41.834 ng

RT: 16.883 min Scan# 2354

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

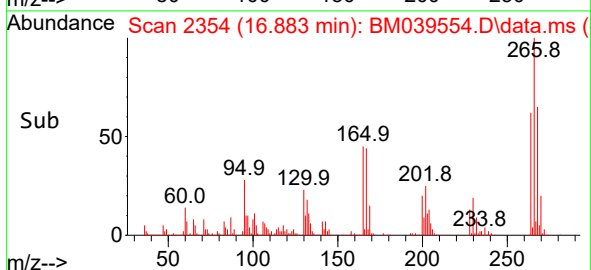
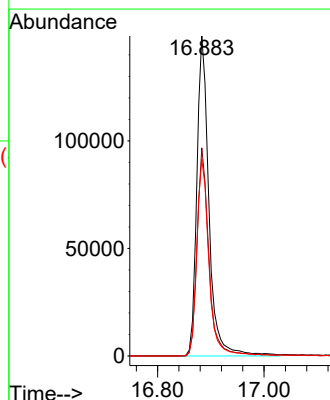
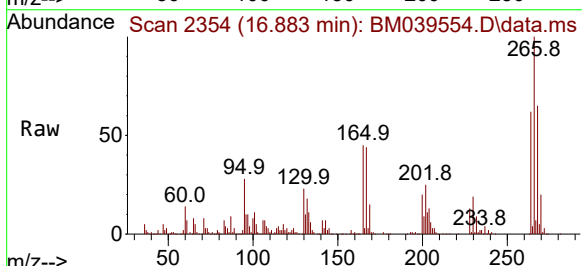
Tgt Ion:266 Resp: 235164

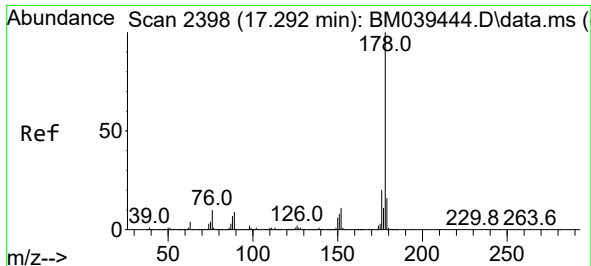
Ion Ratio Lower Upper

266 100

268 65.0 50.6 76.0

264 61.5 50.6 76.0

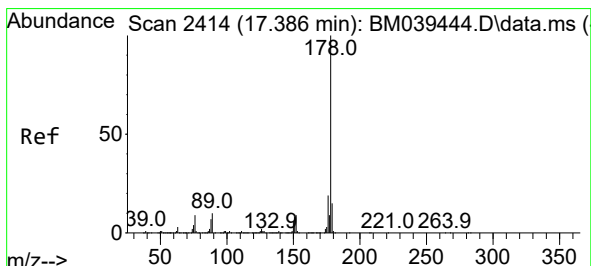
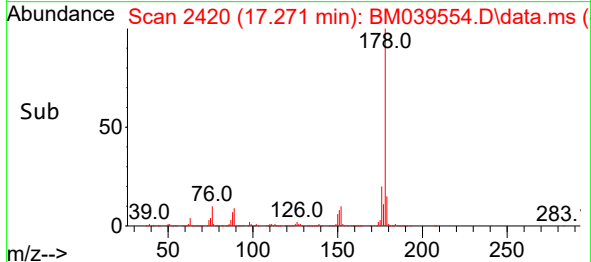
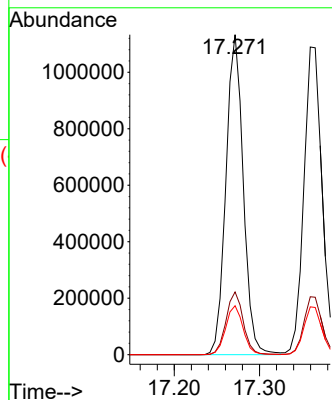
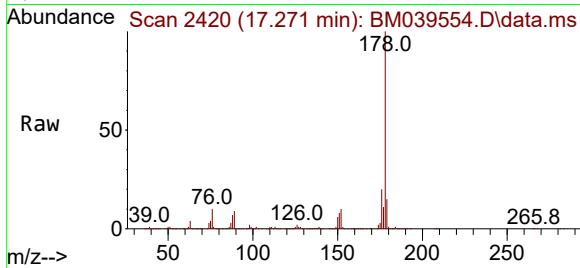




#71
Phenanthrene
Concen: 42.034 ng
RT: 17.271 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

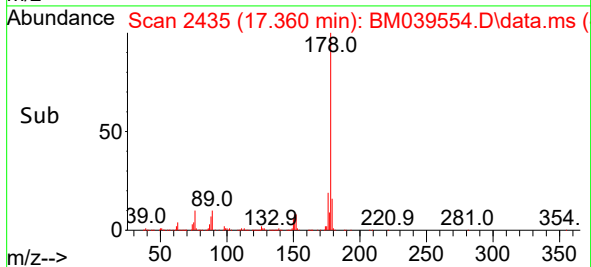
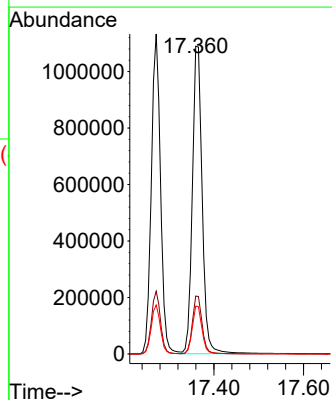
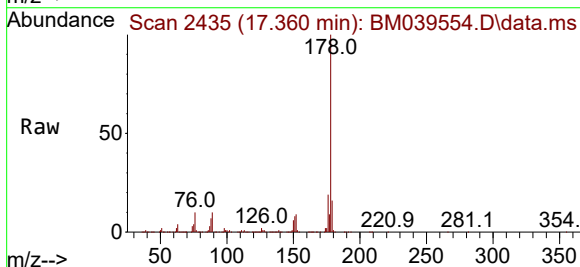
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

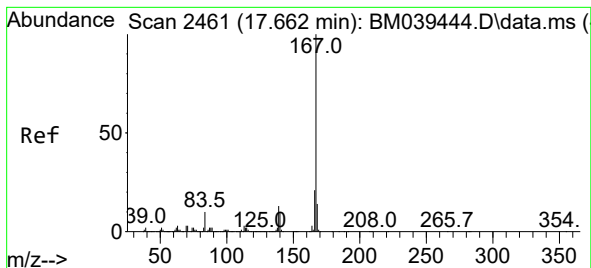
Tgt Ion:178 Resp: 1605183
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.5 18.7



#72
Anthracene
Concen: 42.151 ng
RT: 17.360 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BM039554.D
Acq: 21 Apr 2023 16:47

Tgt Ion:178 Resp: 1651152
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.2 18.4





#73

Carbazole

Concen: 41.299 ng

RT: 17.642 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

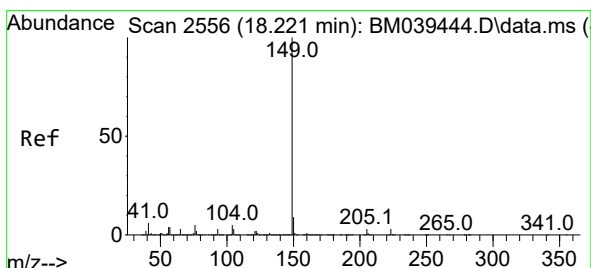
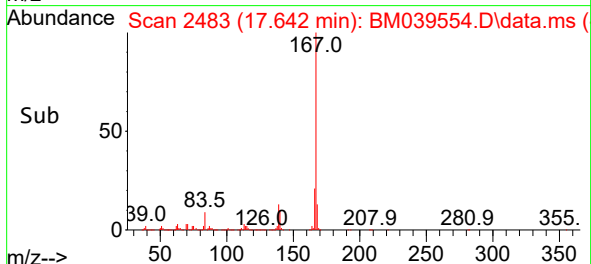
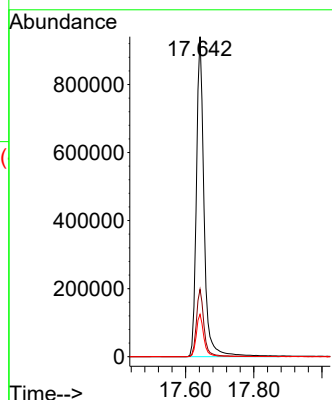
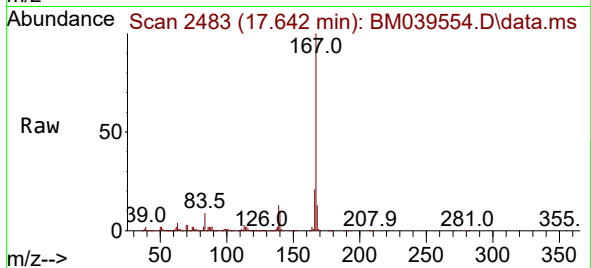
Tgt Ion:167 Resp: 1471387

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 40.772 ng

RT: 18.201 min Scan# 2578

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

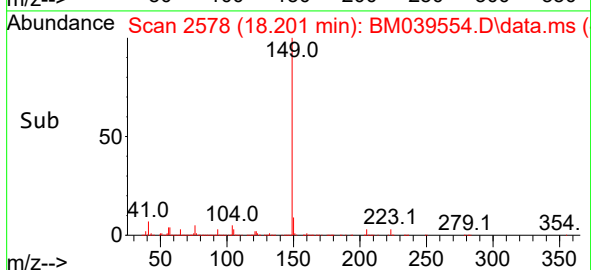
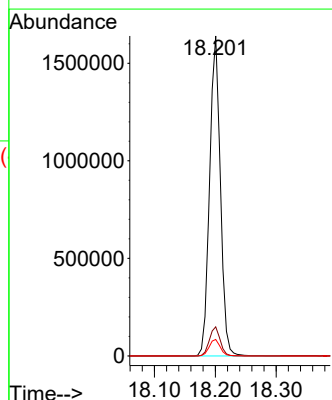
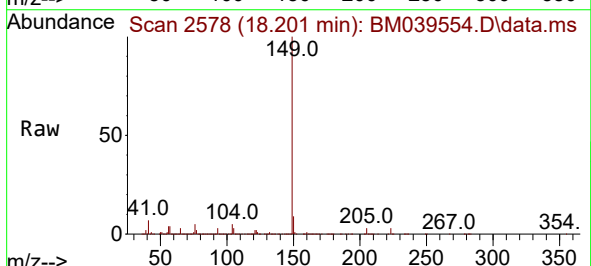
Tgt Ion:149 Resp: 2019277

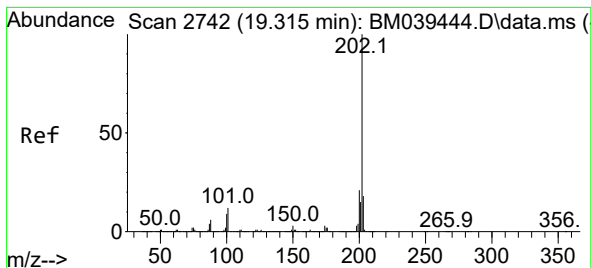
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 40.194 ng

RT: 19.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

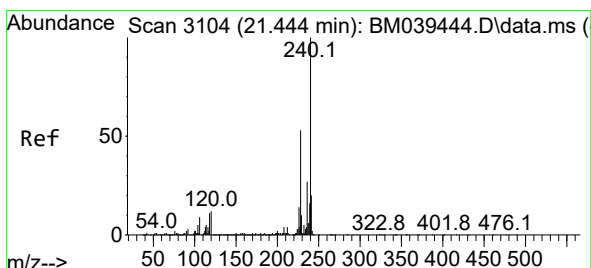
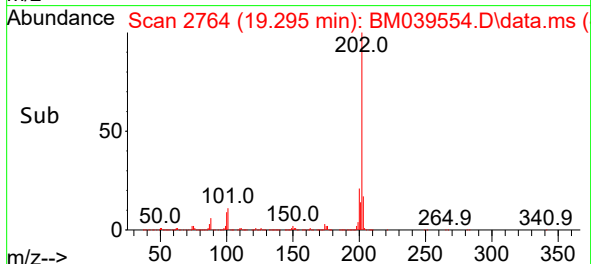
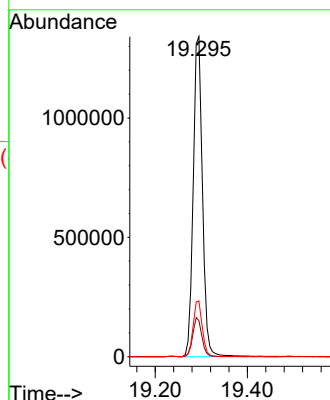
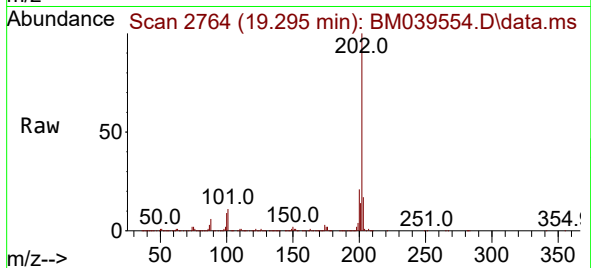
Tgt Ion:202 Resp: 1862236

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.1

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.424 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

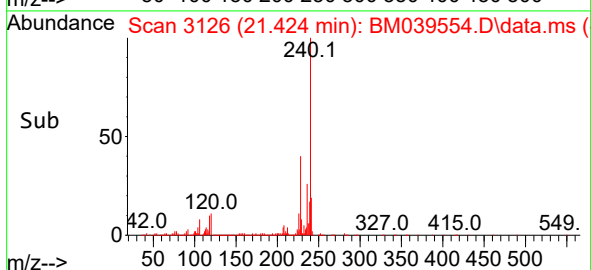
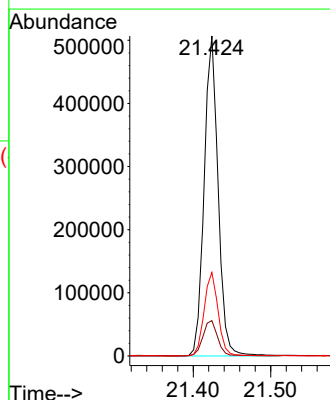
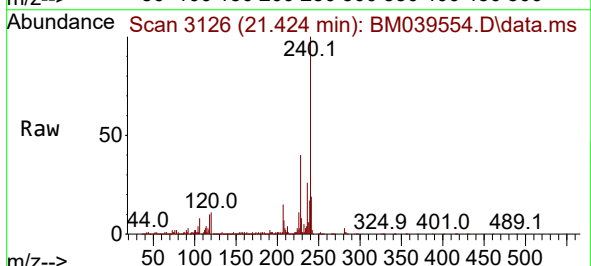
Tgt Ion:240 Resp: 632818

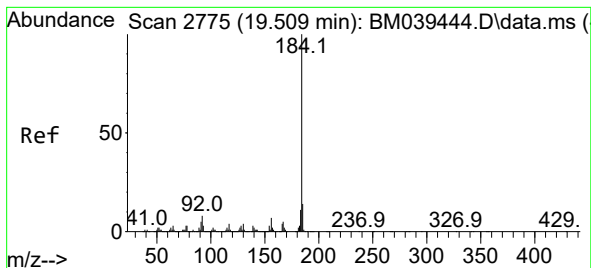
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.1 21.2 31.8





#77

Benzidine

Concen: 32.339 ng

RT: 19.489 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

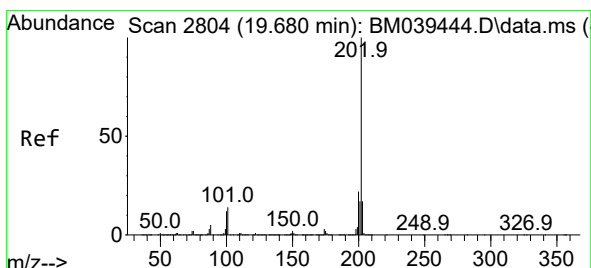
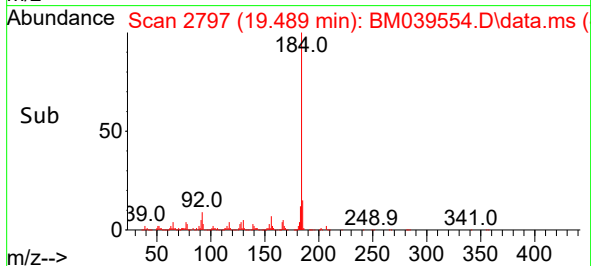
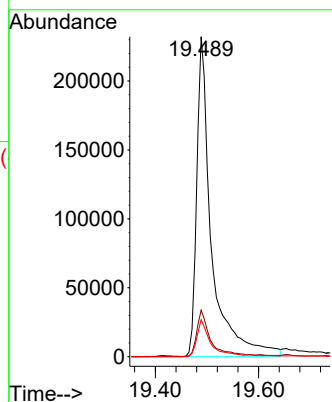
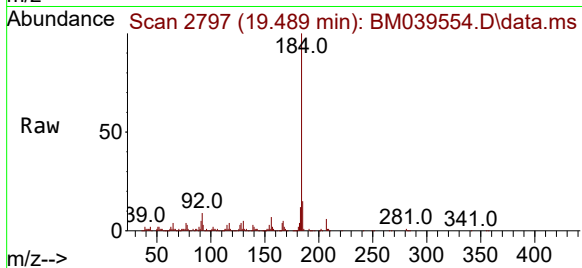
Tgt Ion:184 Resp: 463718

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.4

183 11.6 8.8 13.2



#78

Pyrene

Concen: 41.698 ng

RT: 19.654 min Scan# 2825

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

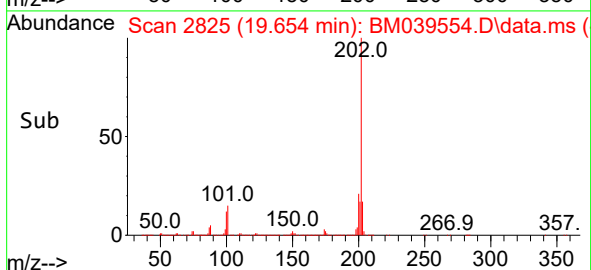
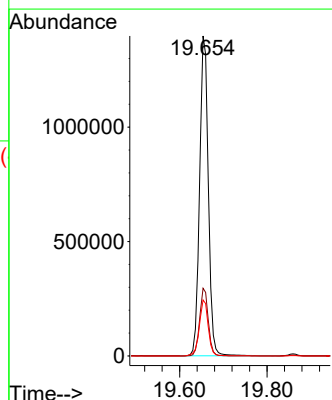
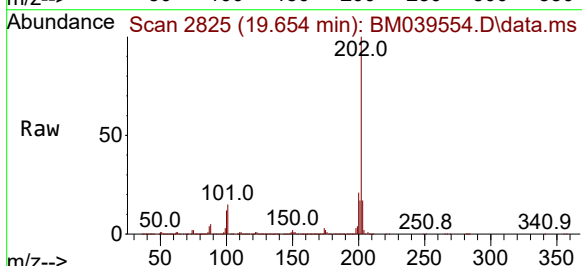
Tgt Ion:202 Resp: 1940521

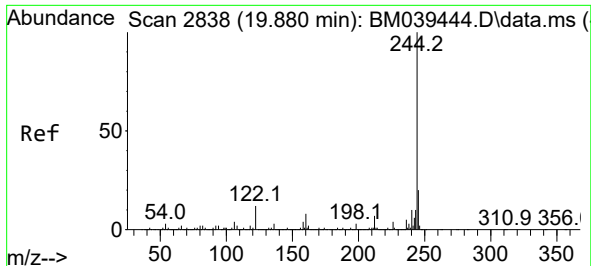
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.5 13.9 20.9

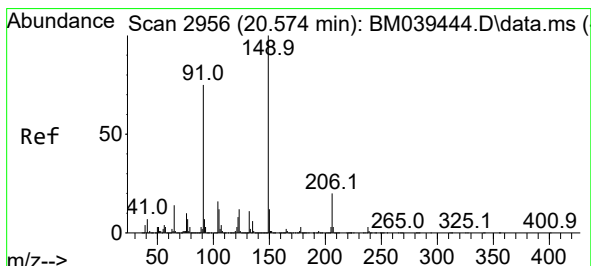
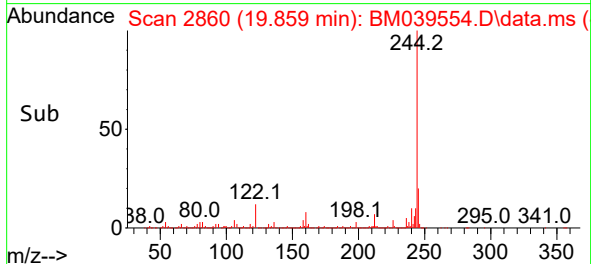
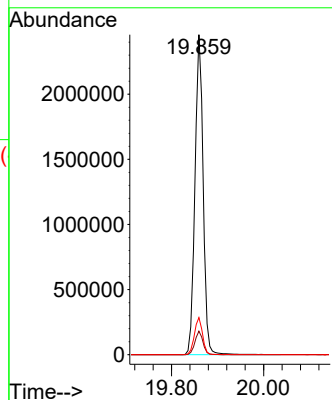
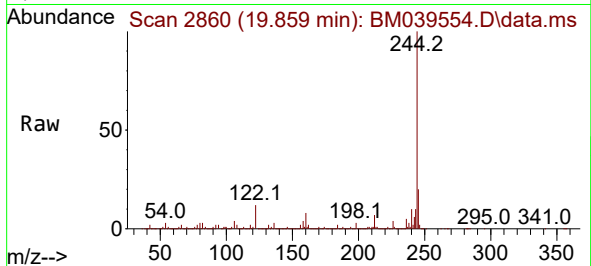




#79
 Terphenyl-d14
 Concen: 85.990 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

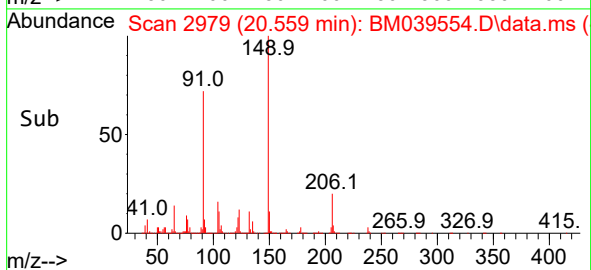
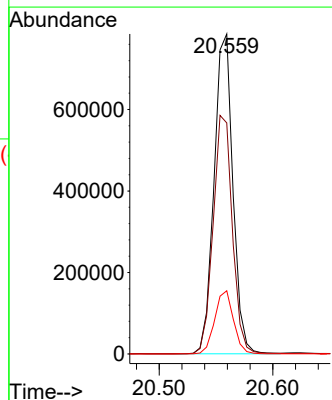
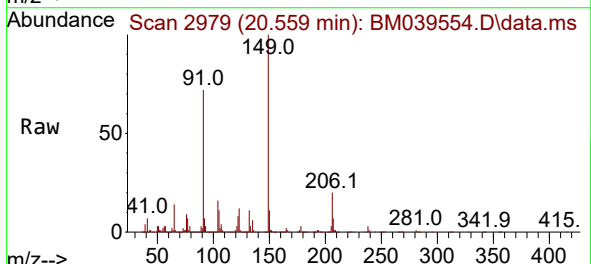
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

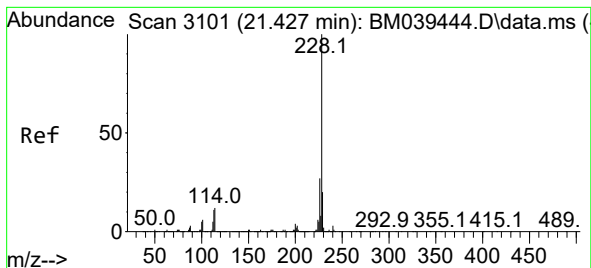
Tgt Ion:244 Resp: 3016363
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.6 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 39.217 ng
 RT: 20.559 min Scan# 2979
 Delta R.T. 0.000 min
 Lab File: BM039554.D
 Acq: 21 Apr 2023 16:47

Tgt Ion:149 Resp: 905027
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.9 89.9
 206 19.8 15.8 23.8





#81

Benzo(a)anthracene

Concen: 40.955 ng

RT: 21.406 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

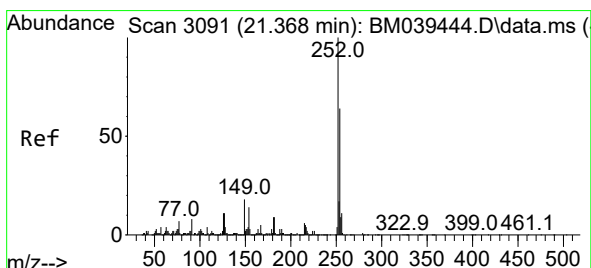
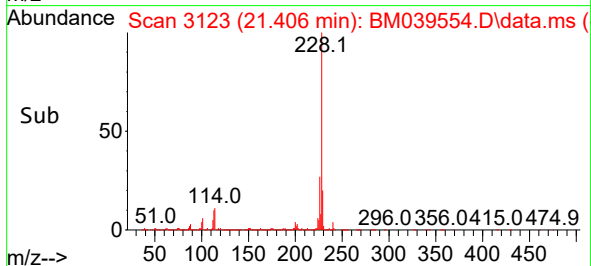
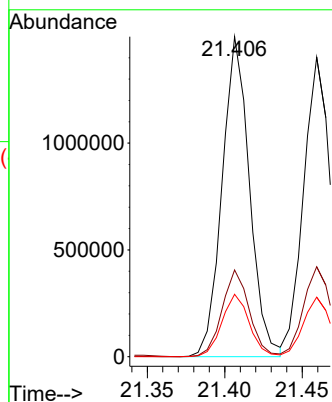
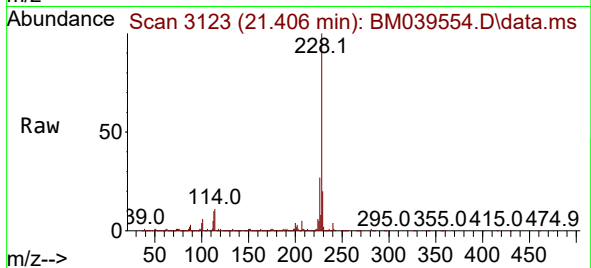
Tgt Ion:228 Resp: 1840510

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.5 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 39.860 ng

RT: 21.348 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

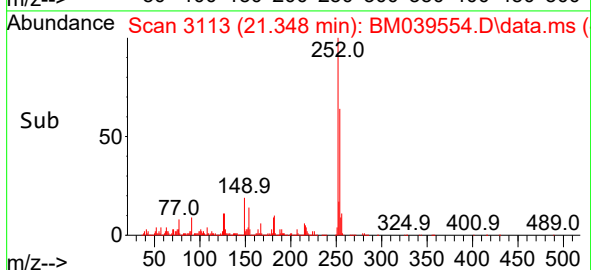
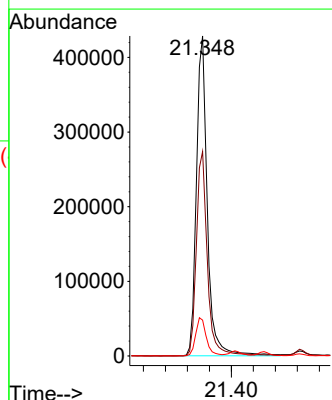
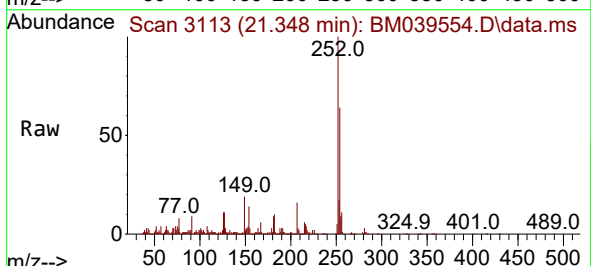
Tgt Ion:252 Resp: 591294

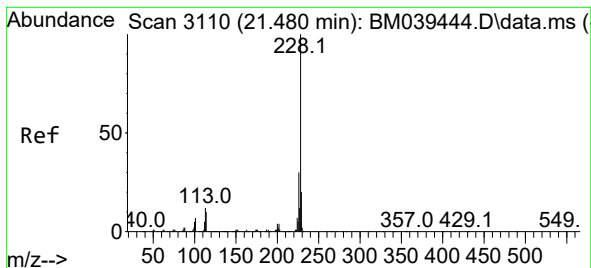
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 11.2 9.0 13.4





#83

Chrysene

Concen: 40.486 ng

RT: 21.459 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

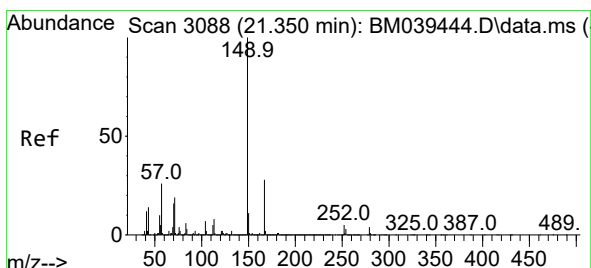
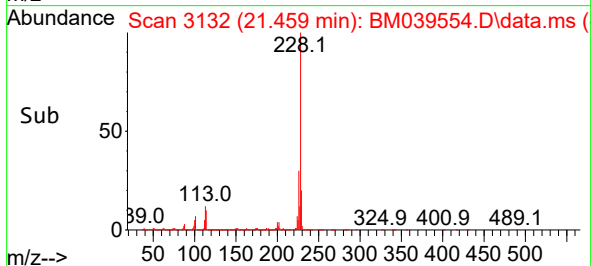
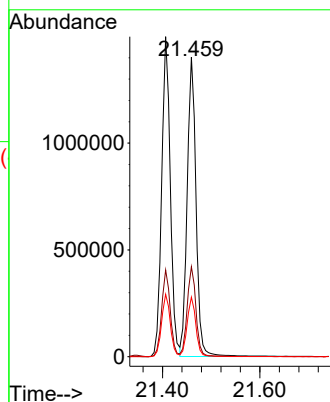
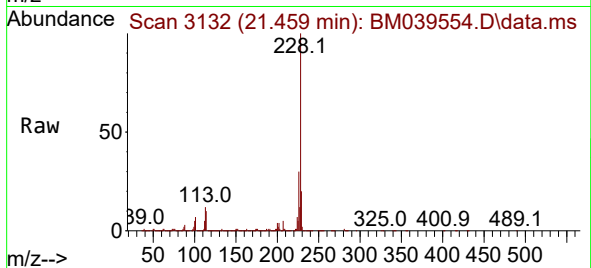
Tgt Ion:228 Resp: 1763495

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.141 ng

RT: 21.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

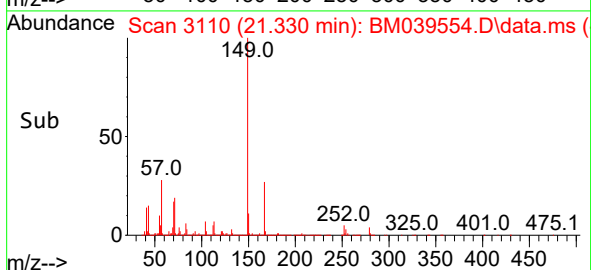
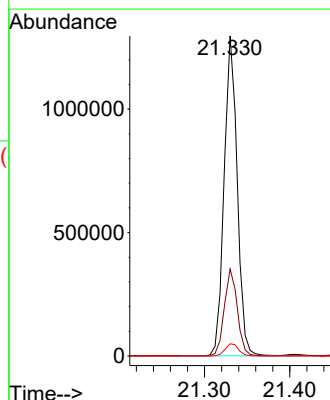
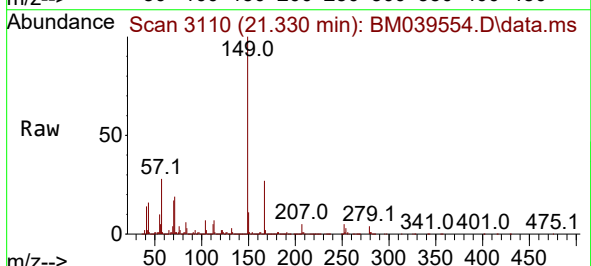
Tgt Ion:149 Resp: 1376896

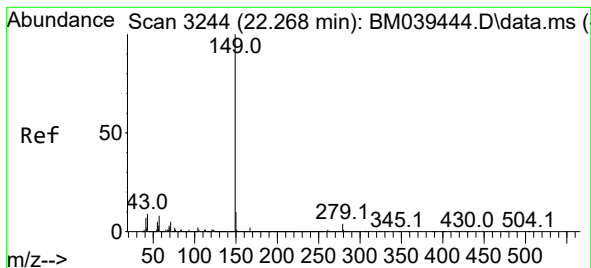
Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 38.283 ng

RT: 22.242 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

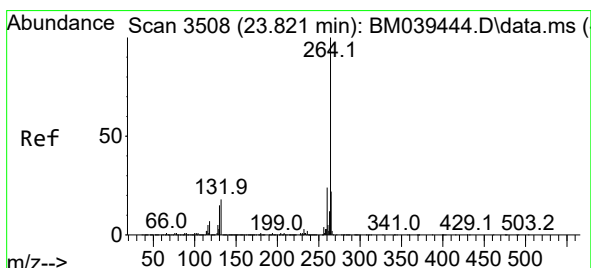
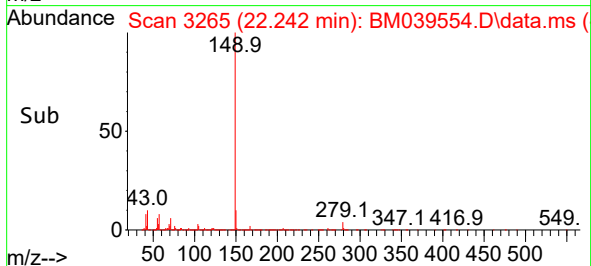
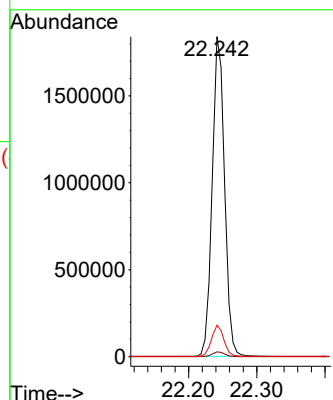
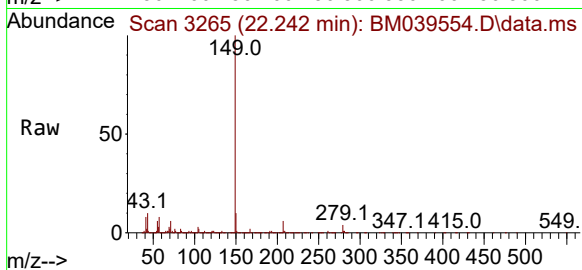
Tgt Ion:149 Resp: 2315840

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.783 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

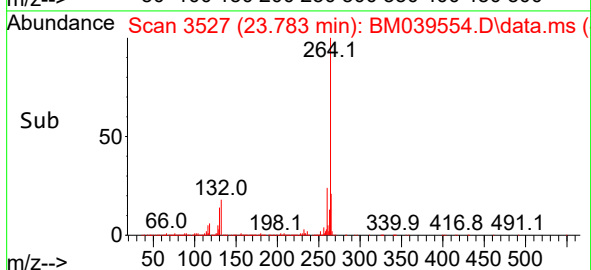
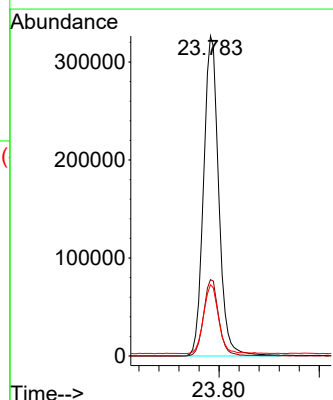
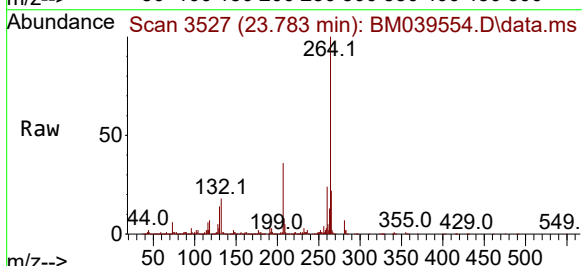
Tgt Ion:264 Resp: 685556

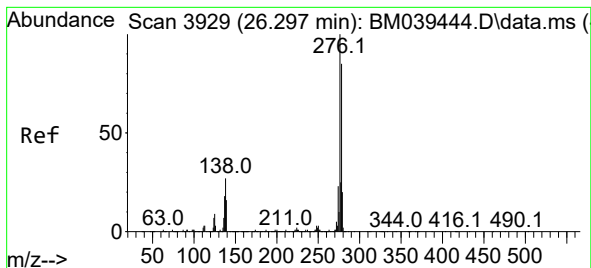
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.2 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.224 ng

RT: 26.230 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

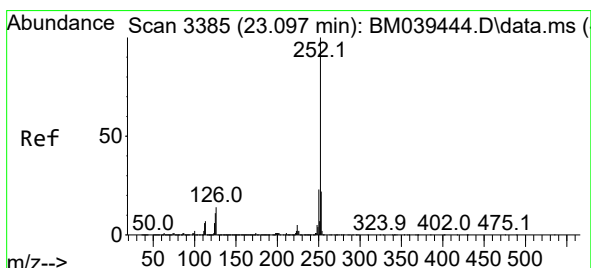
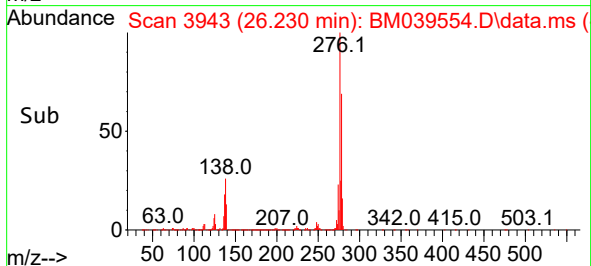
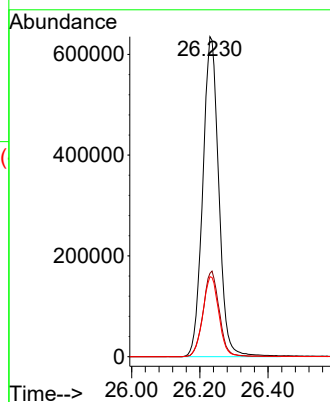
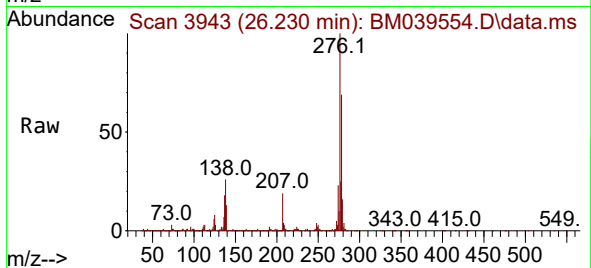
Tgt Ion:276 Resp: 2076716

Ion Ratio Lower Upper

276 100

138 26.8 21.4 32.0

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.361 ng

RT: 23.065 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

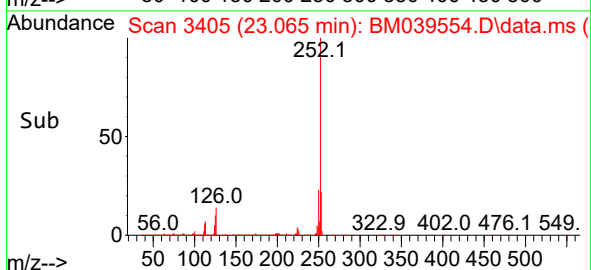
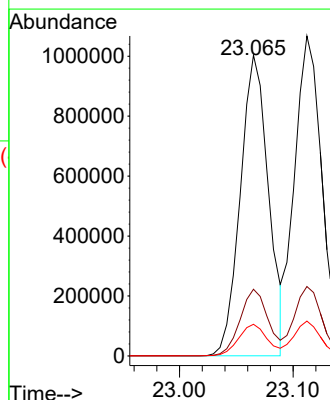
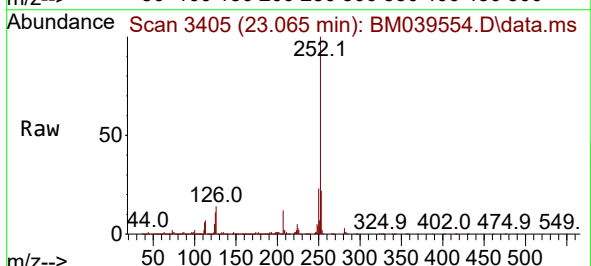
Tgt Ion:252 Resp: 1728841

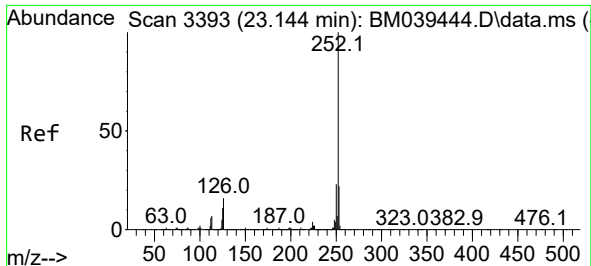
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.835 ng

RT: 23.112 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

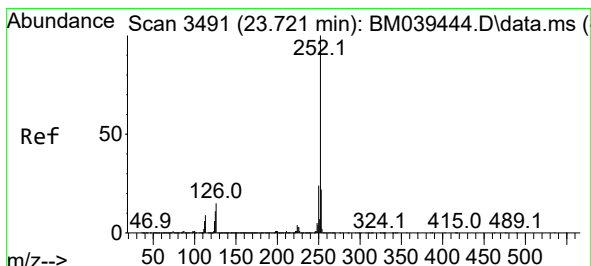
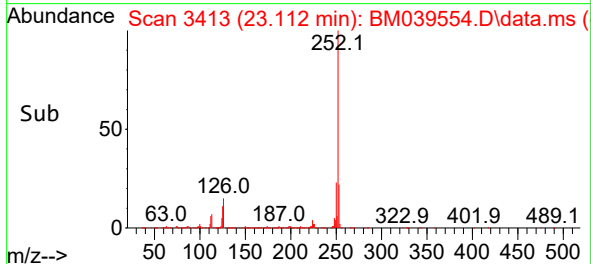
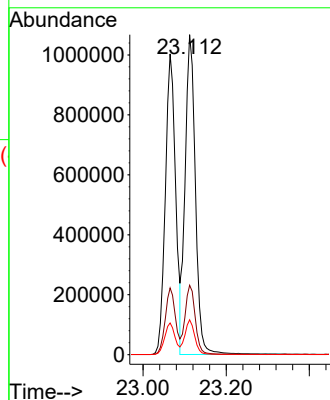
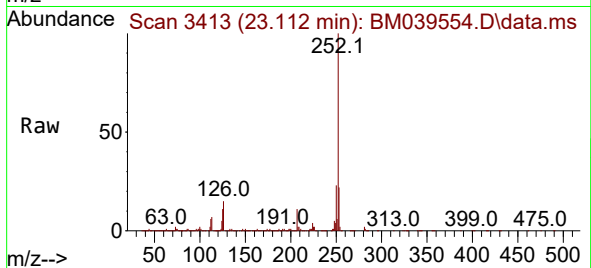
Tgt Ion:252 Resp: 1828205

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.9 8.8 13.2



#90

Benzo(a)pyrene

Concen: 41.191 ng

RT: 23.683 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

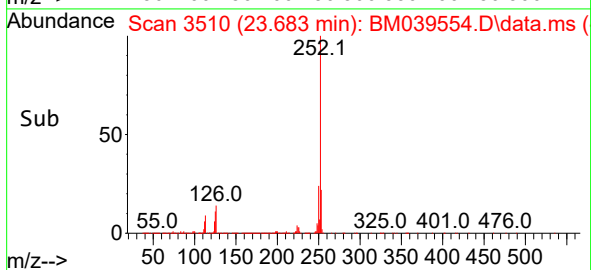
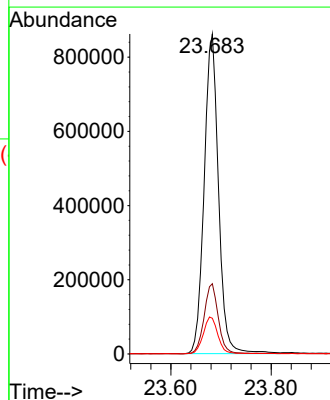
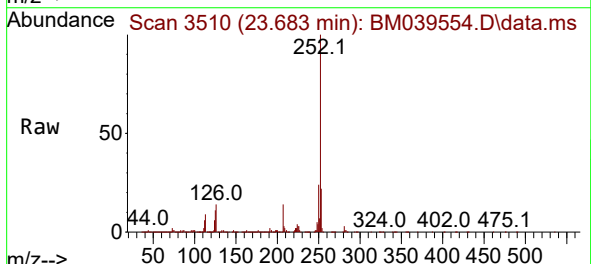
Tgt Ion:252 Resp: 1711164

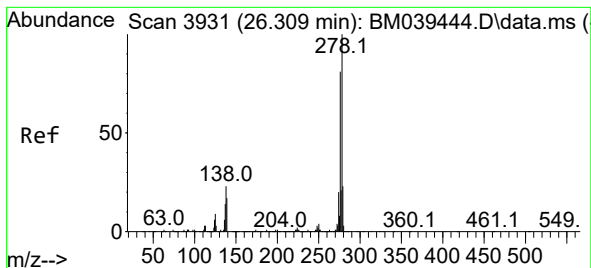
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.494 ng

RT: 26.241 min Scan# 3931

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

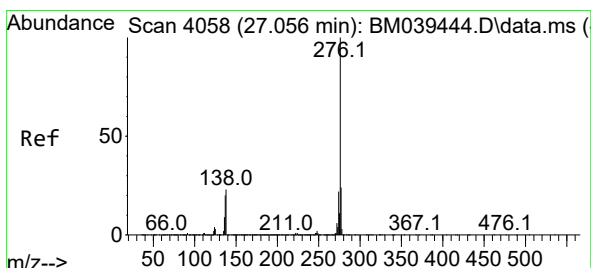
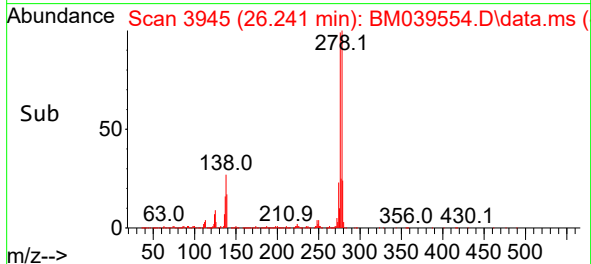
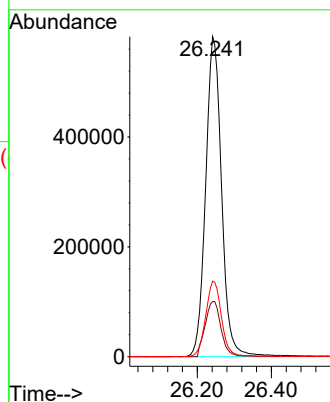
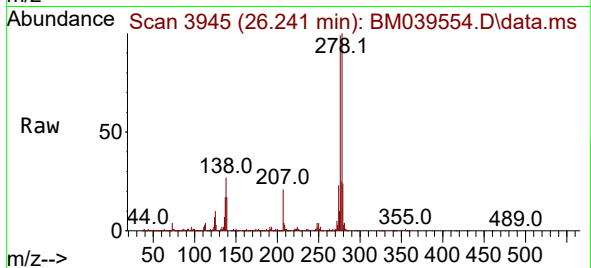
Tgt Ion:278 Resp: 1737443

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.178 ng

RT: 26.982 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM039554.D

Acq: 21 Apr 2023 16:47

Tgt Ion:276 Resp: 1709038

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.1 18.8 28.2

