

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
 Data File : BM038318.D
 Acq On : 27 Dec 2022 16:20
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 28 01:05:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 00:59:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	76046	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	275283	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	169529	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	394044	20.000	ng	0.00
76) Chrysene-d12	21.562	240	414493	20.000	ng	0.00
86) Perylene-d12	23.997	264	449734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	375993	93.370	ng	0.00
7) Phenol-d6	7.175	99	495151	85.462	ng	0.00
23) Nitrobenzene-d5	9.186	82	520199	98.200	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	216301	92.275	ng	0.00
45) 2-Fluorobiphenyl	13.274	172	1107195	90.767	ng	0.00
79) Terphenyl-d14	19.998	244	1826203	87.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	85924	51.630	ng	100
3) Pyridine	3.822	79	249968	48.736	ng	100
4) n-Nitrosodimethylamine	3.734	42	115603	49.335	ng	100
6) Aniline	7.340	93	317834	43.356	ng	100
8) 2-Chlorophenol	7.575	128	197728	36.410	ng	100
9) Benzaldehyde	7.151	77	175213	55.039	ng	100
10) Phenol	7.204	94	257084	38.957	ng	100
11) bis(2-Chloroethyl)ether	7.434	93	211549	39.595	ng	100
12) 1,3-Dichlorobenzene	7.898	146	213622	36.692	ng	100
13) 1,4-Dichlorobenzene	8.045	146	214086	35.579	ng	100
14) 1,2-Dichlorobenzene	8.369	146	210621	35.570	ng	100
15) Benzyl Alcohol	8.257	79	189136	42.270	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.539	45	296423	38.114	ng	100
17) 2-Methylphenol	8.463	107	179950	38.419	ng	100
18) Hexachloroethane	9.092	117	83559	37.070	ng	100
19) n-Nitroso-di-n-propyla...	8.828	70	180766	39.512	ng	100
20) 3+4-Methylphenols	8.792	107	244015	37.116	ng	100
22) Acetophenone	8.845	105	319976	44.945	ng	100
24) Nitrobenzene	9.228	77	266768	48.821	ng	100
25) Isophorone	9.757	82	465824	47.665	ng	100
26) 2-Nitrophenol	9.939	139	107371	42.127	ng	100
27) 2,4-Dimethylphenol	9.998	122	173726	47.449	ng	100
28) bis(2-Chloroethoxy)met...	10.233	93	271023	48.086	ng	100
29) 2,4-Dichlorophenol	10.475	162	192947	43.836	ng	100
30) 1,2,4-Trichlorobenzene	10.686	180	217760	45.536	ng	100
31) Naphthalene	10.880	128	599021	38.408	ng	100
32) Benzoic acid	10.128	122	133498	40.628	ng	100
33) 4-Chloroaniline	10.992	127	259530	41.198	ng	100
34) Hexachlorobutadiene	11.151	225	140342	50.377	ng	100
35) Caprolactam	11.786	113	57191	37.070	ng	100
36) 4-Chloro-3-methylphenol	12.110	107	204408	42.770	ng	100
37) 2-Methylnaphthalene	12.480	142	432158	39.374	ng	100
38) 1-Methylnaphthalene	12.698	142	407176	37.321	ng	100
40) 1,2,4,5-Tetrachloroben...	12.845	216	258644	52.509	ng	100
41) Hexachlorocyclopentadiene	12.816	237	145354	68.929	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	169961	47.587	ng	100

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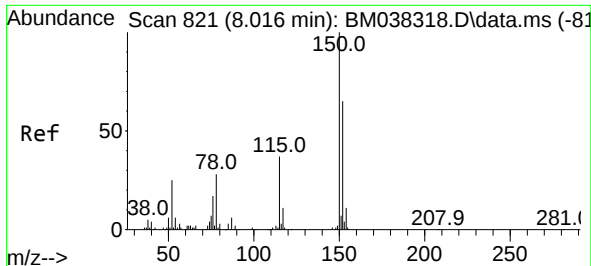
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	200337	50.660	ng	100
46) 1,1'-Biphenyl	13.480	154	547637	41.715	ng	100
47) 2-Chloronaphthalene	13.527	162	434306	41.137	ng	100
48) 2-Nitroaniline	13.739	65	153327	47.155	ng	100
49) Acenaphthylene	14.368	152	691761	40.908	ng	100
50) Dimethylphthalate	14.104	163	554546	40.869	ng	100
51) 2,6-Dinitrotoluene	14.227	165	118847	40.763	ng	100
52) Acenaphthene	14.710	154	414104	40.118	ng	100
53) 3-Nitroaniline	14.557	138	127584	40.801	ng	100
54) 2,4-Dinitrophenol	14.768	184	84358	49.601	ng	100
55) Dibenzofuran	15.039	168	688625	41.721	ng	100
56) 4-Nitrophenol	14.863	139	100916	40.237	ng	100
57) 2,4-Dinitrotoluene	15.016	165	166070	41.145	ng	100
58) Fluorene	15.692	166	571160	40.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.268	232	167403	46.405	ng	100
60) Diethylphthalate	15.457	149	554300	40.063	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	300973	46.016	ng	100
62) 4-Nitroaniline	15.715	138	130361	45.016	ng	100
63) Azobenzene	15.974	77	584271	45.126	ng	100
65) 4,6-Dinitro-2-methylph...	15.774	198	113038	42.546	ng	100
66) n-Nitrosodiphenylamine	15.898	169	481719	38.107	ng	100
67) 4-Bromophenyl-phenylether	16.574	248	180880	41.012	ng	100
68) Hexachlorobenzene	16.686	284	196742	35.754	ng	100
69) Atrazine	16.845	200	167348	47.570	ng	100
70) Pentachlorophenol	17.033	266	148730	45.909	ng	100
71) Phenanthrene	17.427	178	893950	36.957	ng	100
72) Anthracene	17.521	178	920940	39.703	ng	100
73) Carbazole	17.792	167	818393	37.736	ng	100
74) Di-n-butylphthalate	18.339	149	919443	31.854	ng	100
75) Fluoranthene	19.439	202	1111557	38.552	ng	100
77) Benzidine	19.621	184	506717	87.386	ng	100
78) Pyrene	19.803	202	1182878	43.516	ng	100
80) Butylbenzylphthalate	20.686	149	431772	36.947	ng	100
81) Benzo(a)anthracene	21.544	228	1235580	42.525	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	411590	43.599	ng	100
83) Chrysene	21.597	228	1192620	42.516	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	604223	35.095	ng	100
85) Di-n-octyl phthalate	22.386	149	1058464	35.824	ng	100
87) Indeno(1,2,3-cd)pyrene	26.550	276	1369361	36.866	ng	100
88) Benzo(b)fluoranthene	23.256	252	1177920	39.061	ng	100
89) Benzo(k)fluoranthene	23.303	252	1174417	38.398	ng	100
90) Benzo(a)pyrene	23.891	252	1138032	45.289	ng	100
91) Dibenzo(a,h)anthracene	26.568	278	1129197	36.701	ng	100
92) Benzo(g,h,i)perylene	27.344	276	1134012	38.092	ng	100

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

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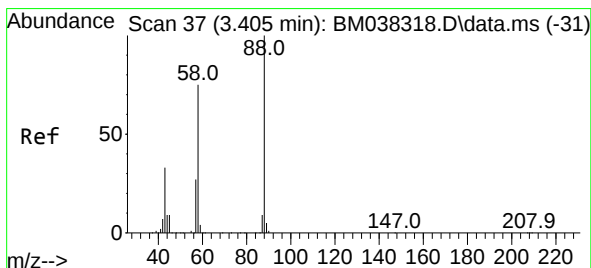
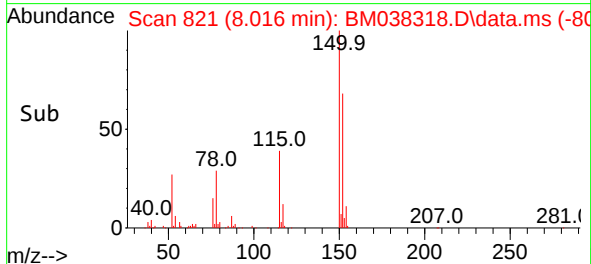
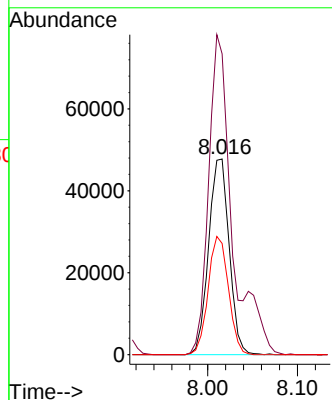
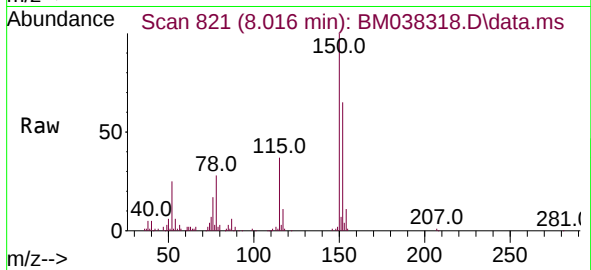




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

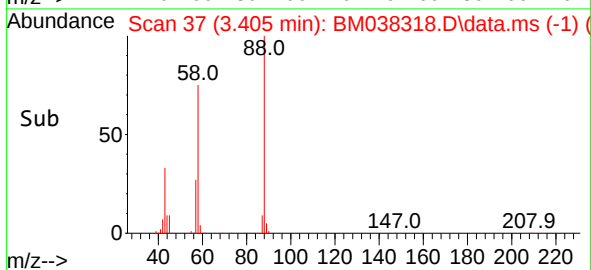
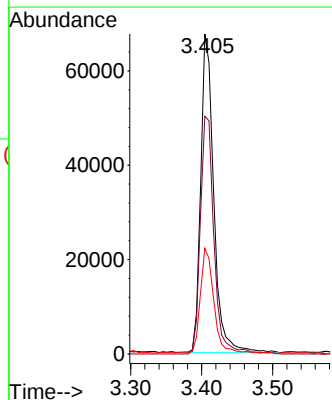
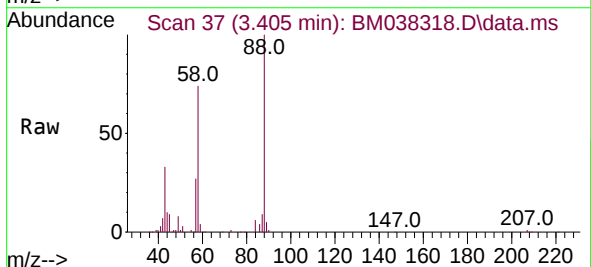
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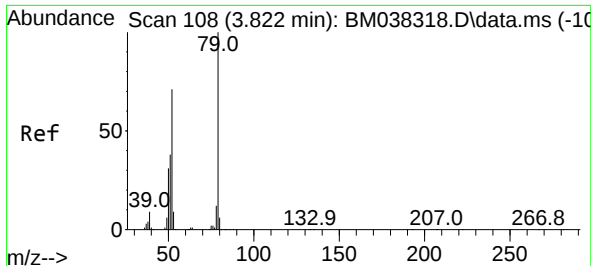
Tgt Ion:152 Resp: 76046
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.6
115 56.8 45.4 68.2



#2
1,4-Dioxane
Concen: 51.630 ng
RT: 3.405 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 88 Resp: 85924
Ion Ratio Lower Upper
88 100
58 77.9 62.3 93.5
43 35.3 28.2 42.4

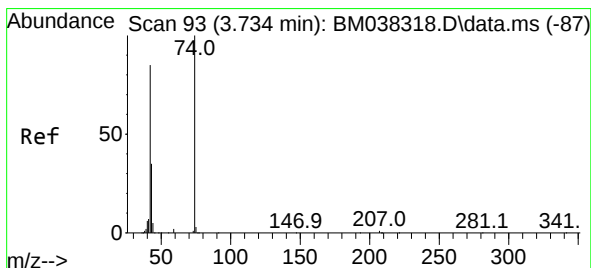
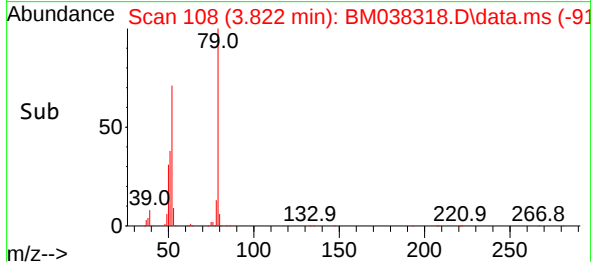
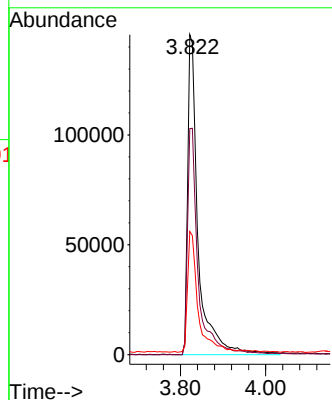
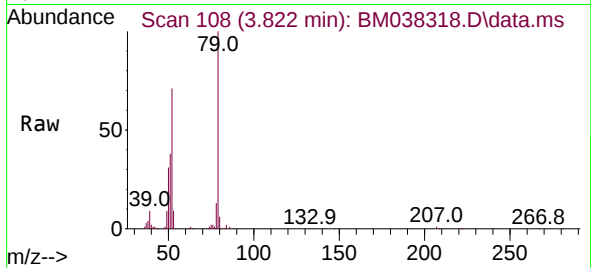




#3
Pyridine
Concen: 48.736 ng
RT: 3.822 min Scan# 108
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

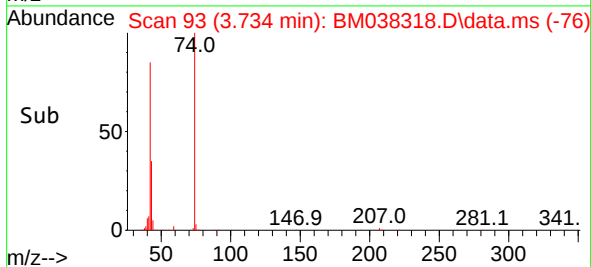
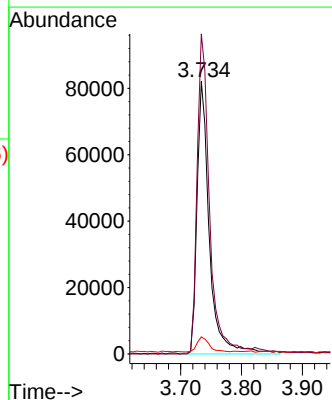
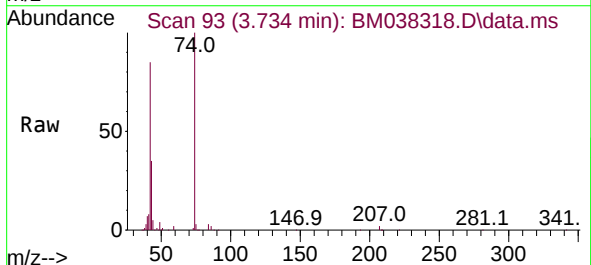
Instrument :
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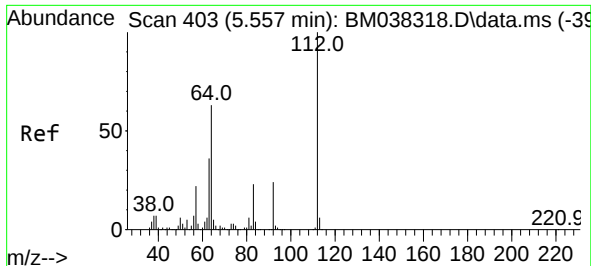
Tgt Ion: 79 Resp: 249968
Ion Ratio Lower Upper
79 100
52 70.6 56.5 84.7
51 38.5 30.8 46.2



#4
n-Nitrosodimethylamine
Concen: 49.335 ng
RT: 3.734 min Scan# 93
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 42 Resp: 115603
Ion Ratio Lower Upper
42 100
74 117.4 93.9 140.9
44 6.3 5.0 7.6

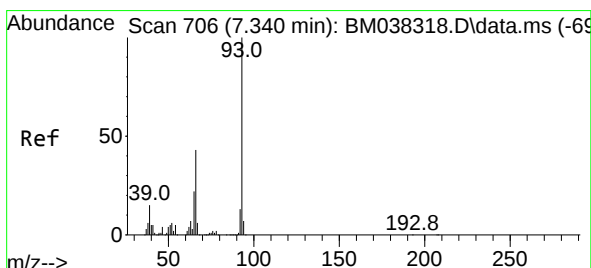
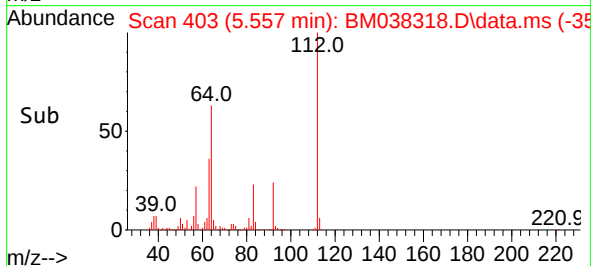
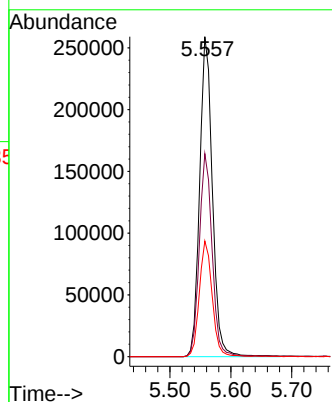
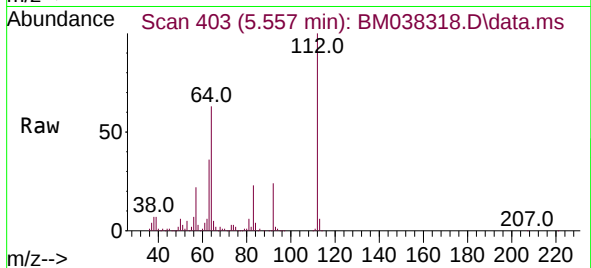




#5
2-Fluorophenol
Concen: 93.370 ng
RT: 5.557 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

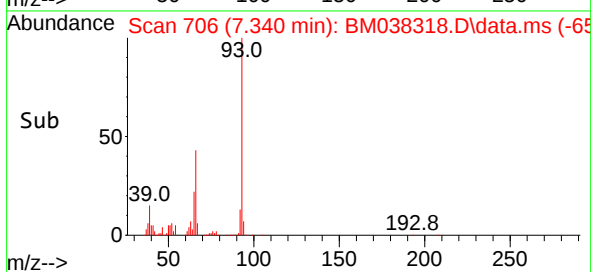
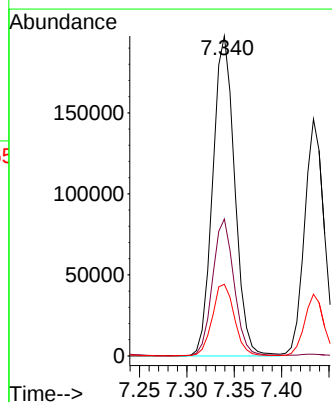
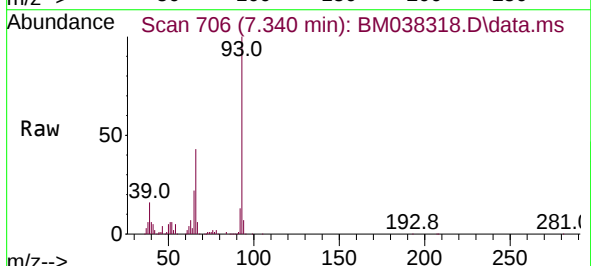
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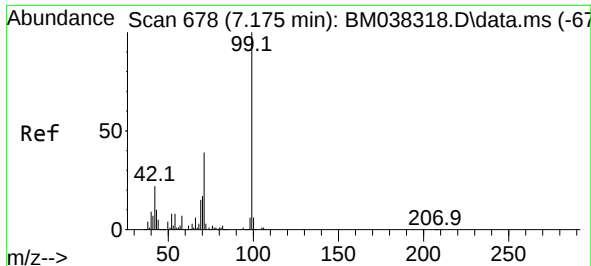
Tgt Ion:112 Resp: 375993
Ion Ratio Lower Upper
112 100
64 63.4 50.7 76.1
63 36.1 28.9 43.3



#6
Aniline
Concen: 43.356 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 93 Resp: 317834
Ion Ratio Lower Upper
93 100
66 42.8 34.2 51.4
65 22.4 17.9 26.9

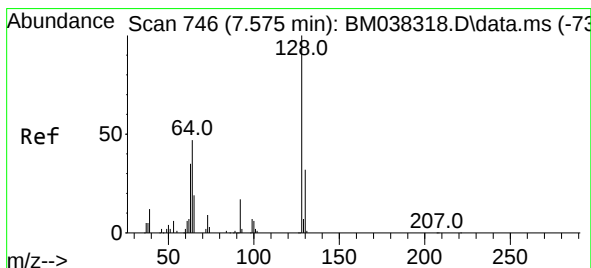
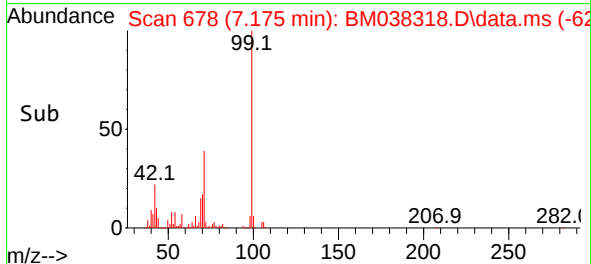
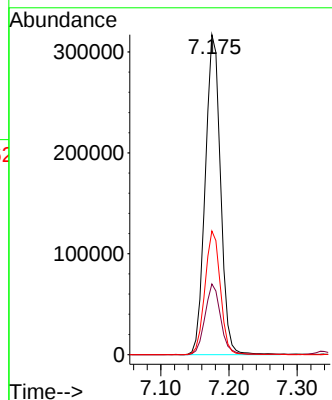
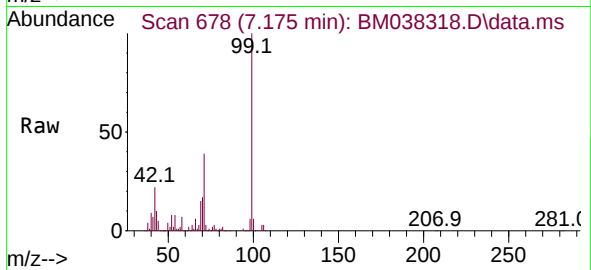




#7
Phenol-d6
Concen: 85.462 ng
RT: 7.175 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

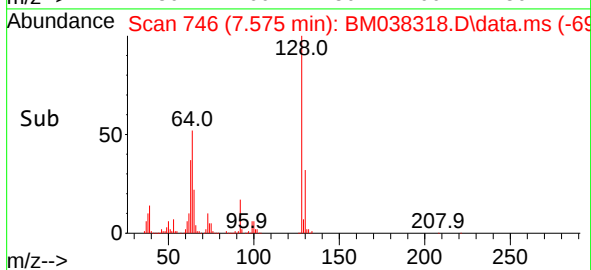
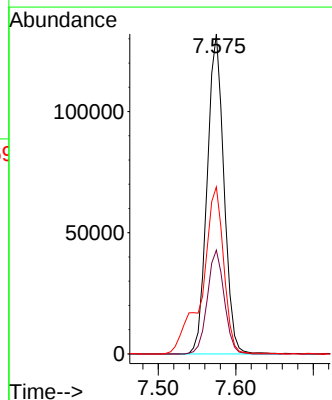
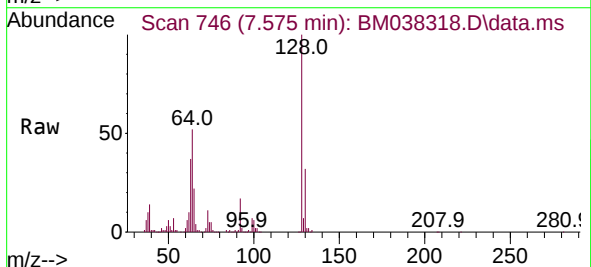
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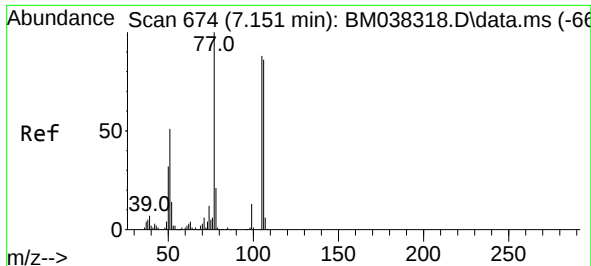
Tgt Ion: 99 Resp: 495151
Ion Ratio Lower Upper
99 100
42 22.1 17.7 26.5
71 38.6 30.9 46.3



#8
2-Chlorophenol
Concen: 36.410 ng
RT: 7.575 min Scan# 746
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 128 Resp: 197728
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 52.2 32.2 72.2

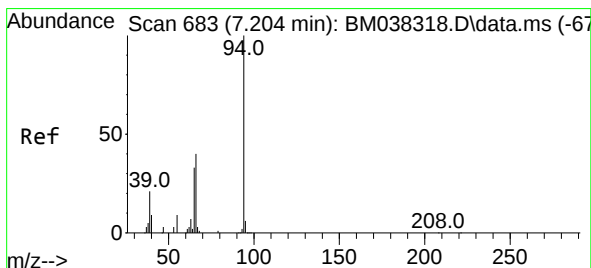
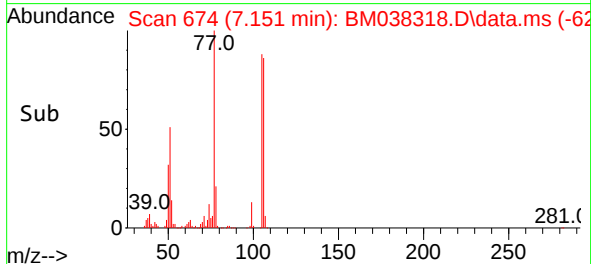
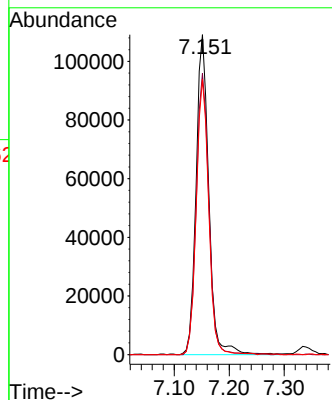
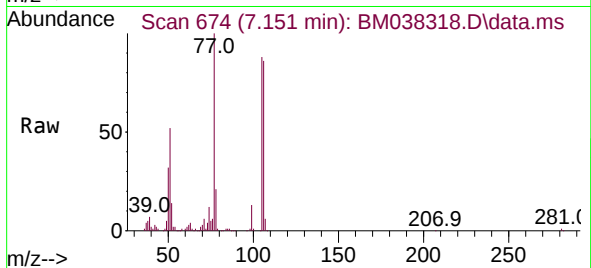




#9
Benzaldehyde
Concen: 55.039 ng
RT: 7.151 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

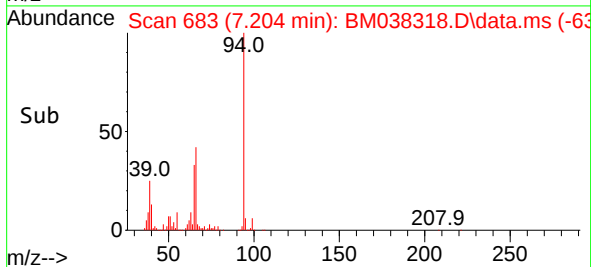
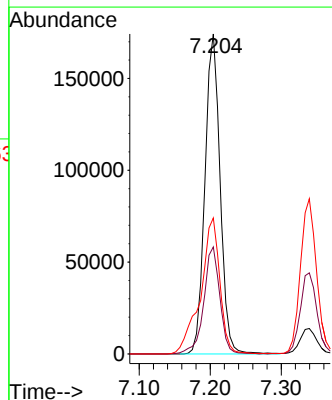
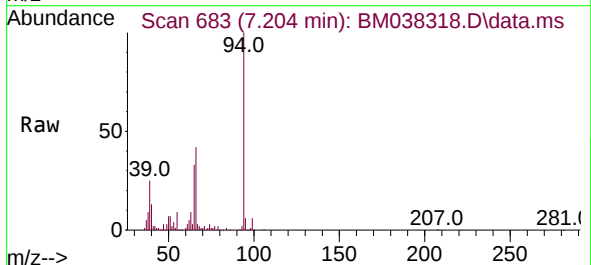
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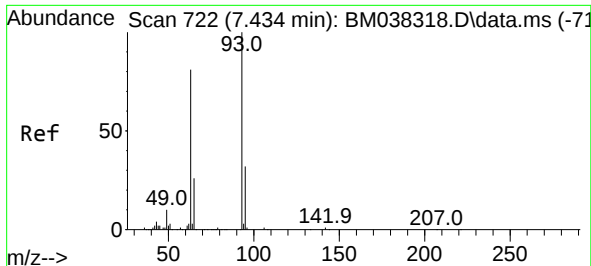
Tgt Ion: 77 Resp: 175213
Ion Ratio Lower Upper
77 100
105 87.9 67.9 107.9
106 86.0 66.0 106.0



#10
Phenol
Concen: 38.957 ng
RT: 7.204 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM038318.D
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Tgt Ion: 94 Resp: 257084
Ion Ratio Lower Upper
94 100
65 33.4 13.4 53.4
66 42.5 22.5 62.5

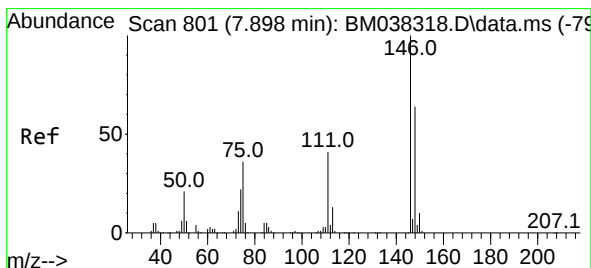
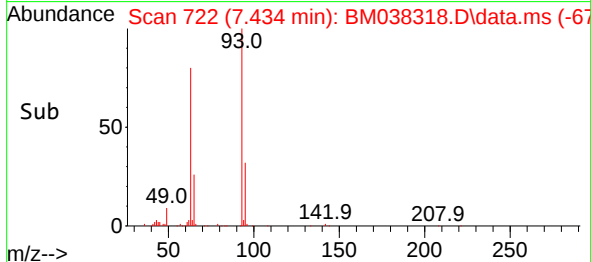
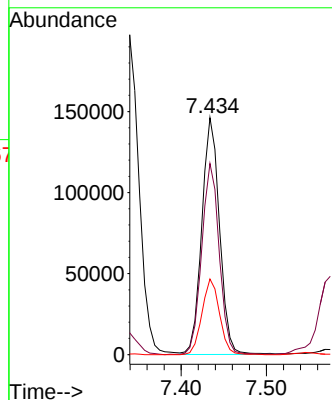
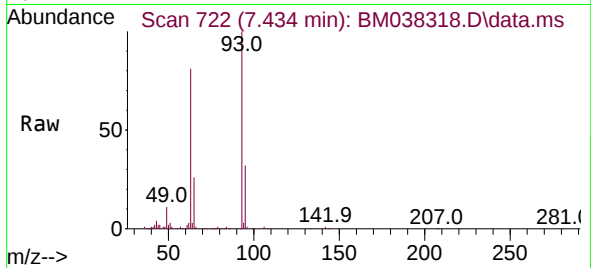




#11
bis(2-Chloroethyl)ether
Concen: 39.595 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

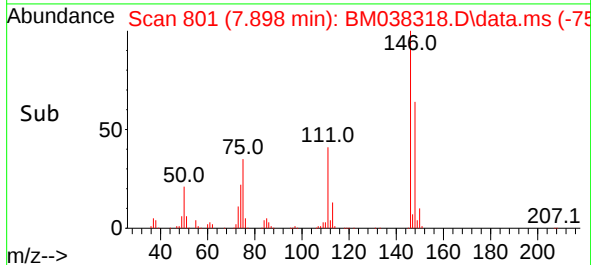
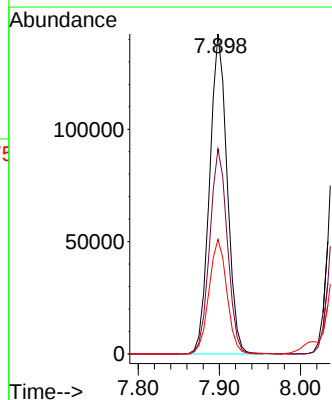
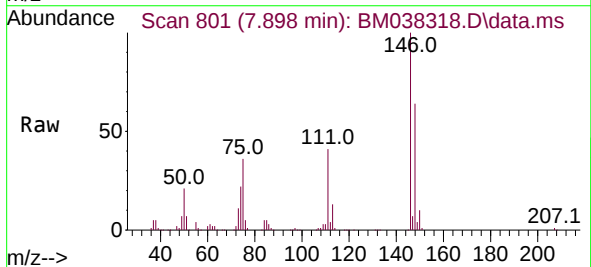
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

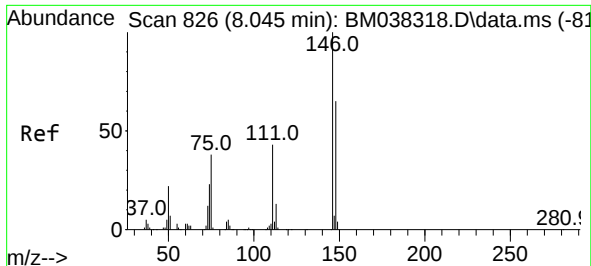
Tgt Ion: 93 Resp: 211549
Ion Ratio Lower Upper
93 100
63 80.7 60.7 100.7
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.692 ng
RT: 7.898 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 146 Resp: 213622
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 35.8 28.6 43.0

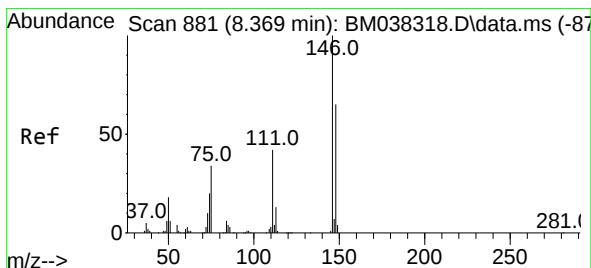
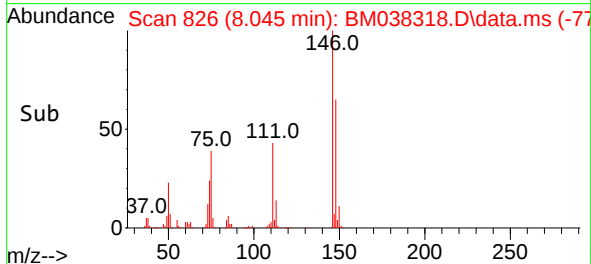
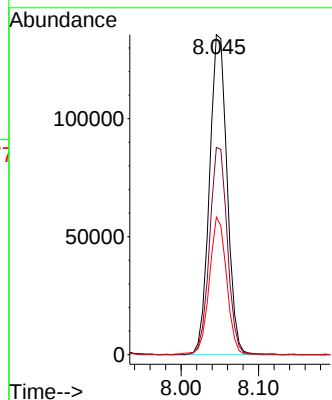
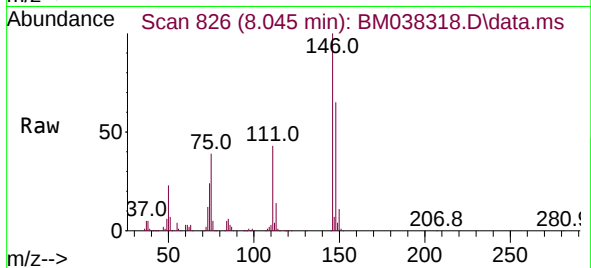




#13
1,4-Dichlorobenzene
Concen: 35.579 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

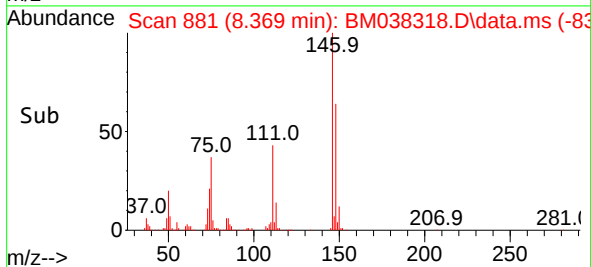
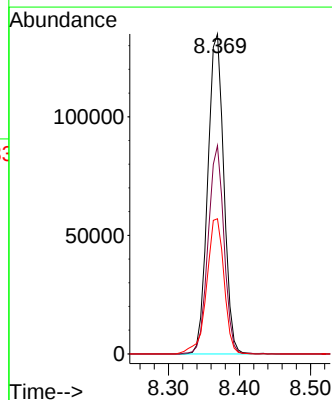
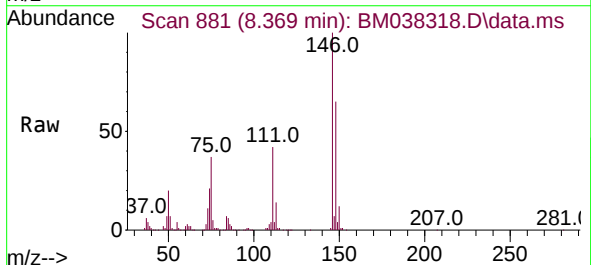
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

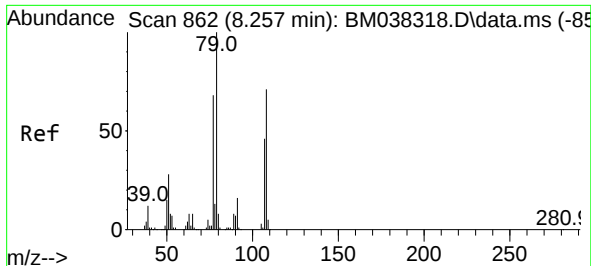
Tgt Ion:146 Resp: 214086
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 43.0 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 35.570 ng
RT: 8.369 min Scan# 881
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:146 Resp: 210621
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
111 42.2 33.8 50.6

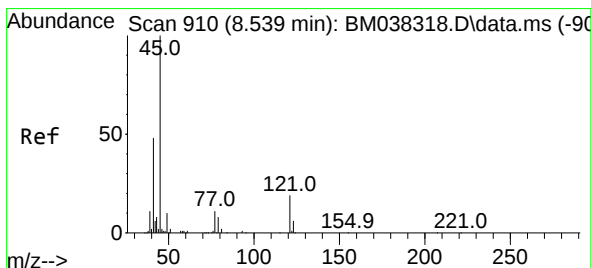
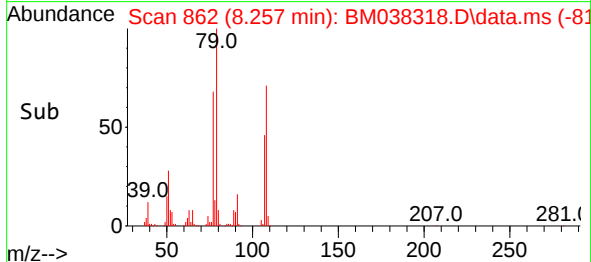
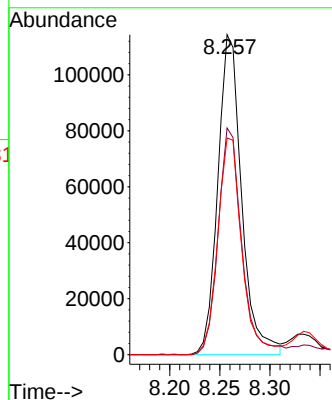
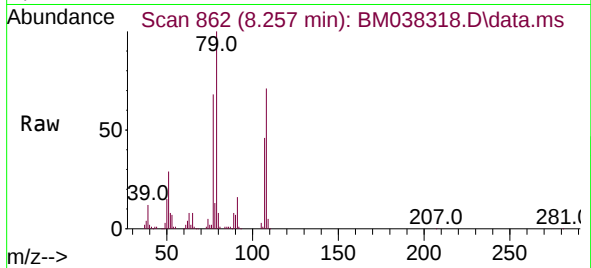




#15
Benzyl Alcohol
Concen: 42.270 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

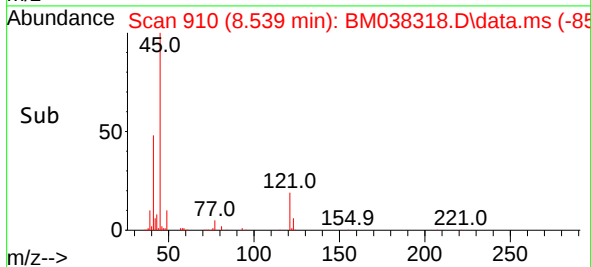
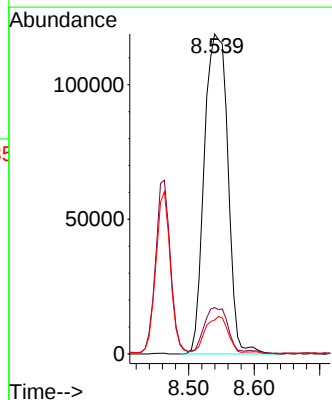
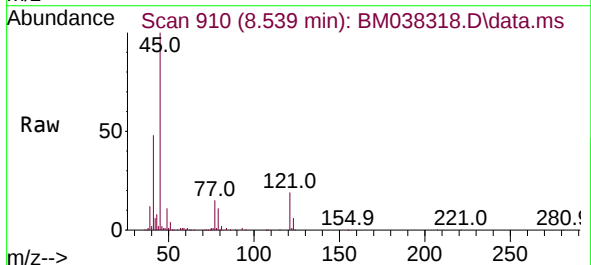
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

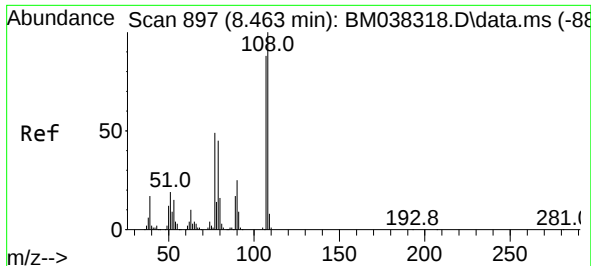
Tgt Ion: 79 Resp: 189136
Ion Ratio Lower Upper
79 100
108 70.8 56.6 85.0
77 67.7 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.114 ng
RT: 8.539 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 45 Resp: 296423
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.5
79 10.6 0.0 30.6

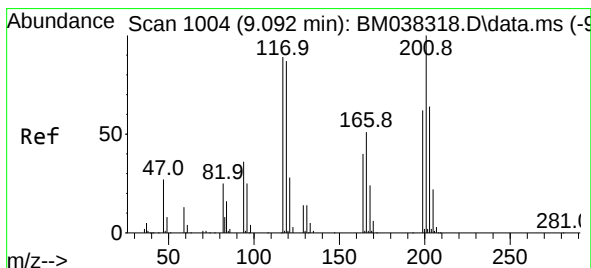
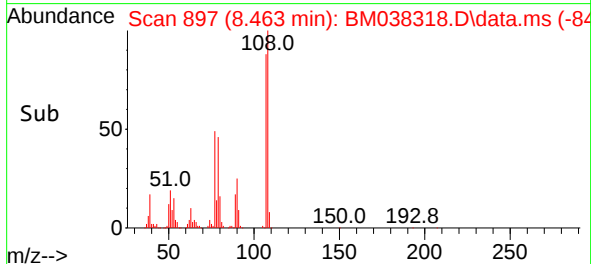
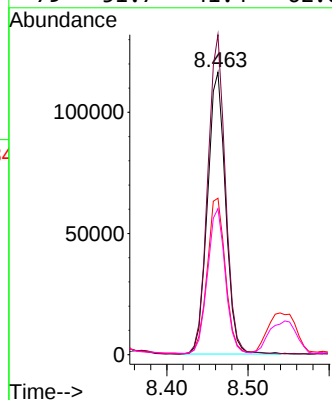
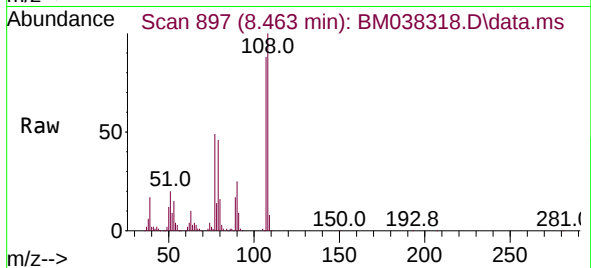




#17
2-Methylphenol
Concen: 38.419 ng
RT: 8.463 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

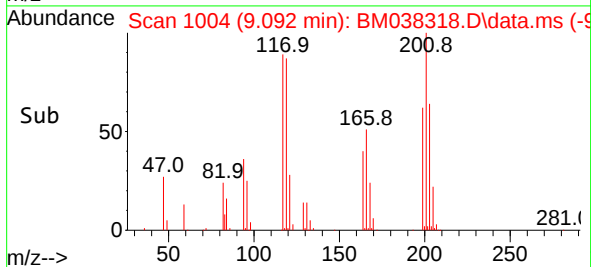
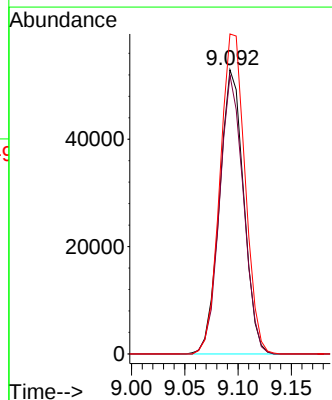
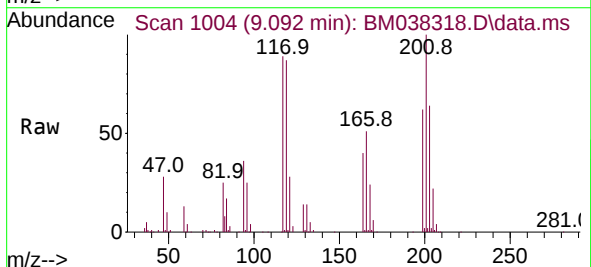
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

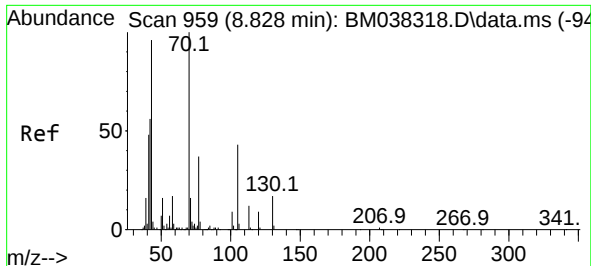
Tgt Ion:	107	Resp:	179950
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.6	136.0
77	55.4	44.3	66.5
79	51.7	41.4	62.0



#18
Hexachloroethane
Concen: 37.070 ng
RT: 9.092 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:	117	Resp:	83559
Ion Ratio	Lower	Upper	
117	100		
119	98.1	78.5	117.7
201	115.0	92.0	138.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.512 ng

RT: 8.828 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 180766

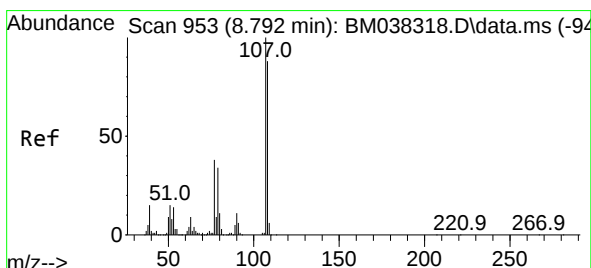
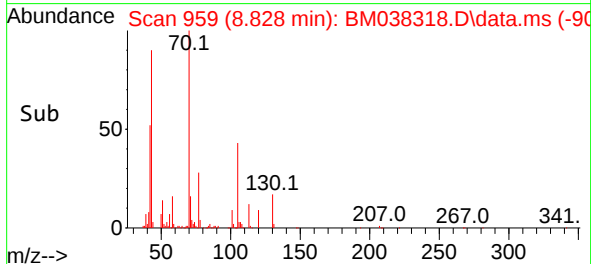
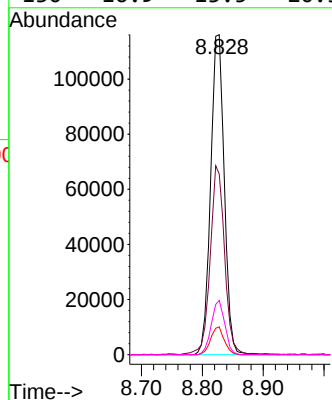
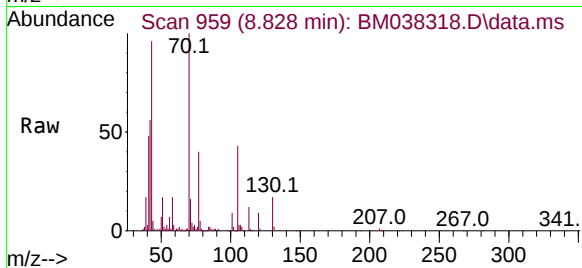
Ion Ratio Lower Upper

70 100

42 56.4 45.1 67.7

101 8.7 7.0 10.4

130 16.9 13.5 20.3



#20

3+4-Methylphenols

Concen: 37.116 ng

RT: 8.792 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Tgt Ion: 107 Resp: 244015

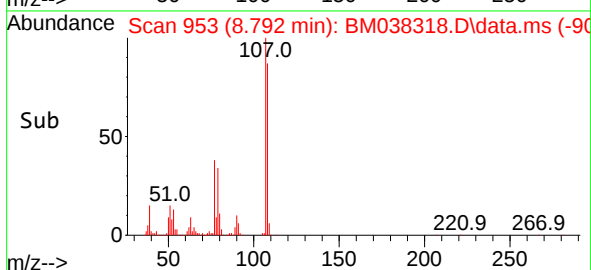
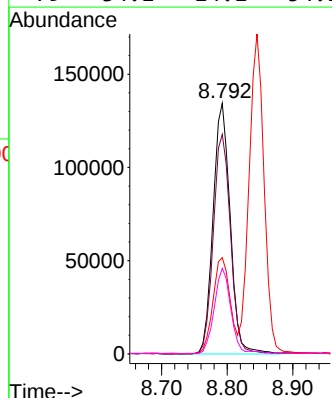
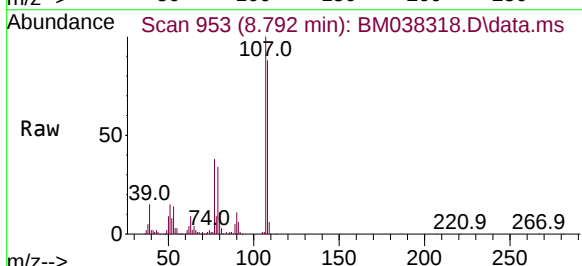
Ion Ratio Lower Upper

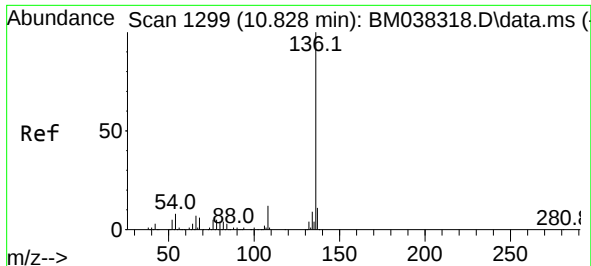
107 100

108 87.6 67.6 107.6

77 38.4 18.4 58.4

79 34.1 14.1 54.1

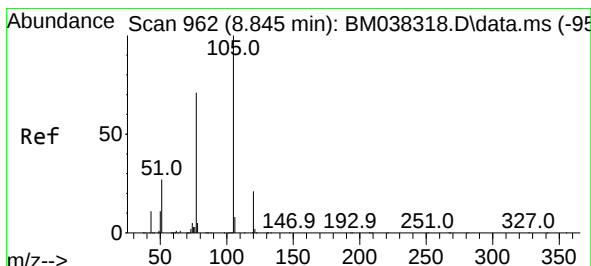
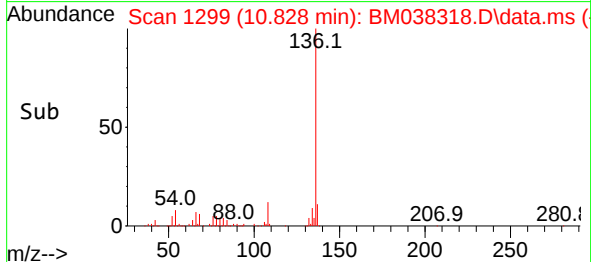
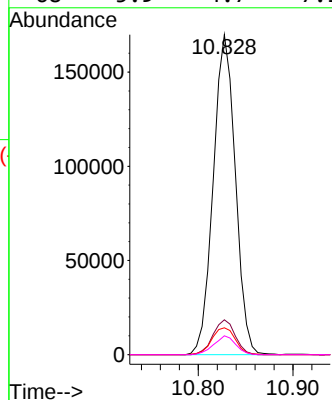
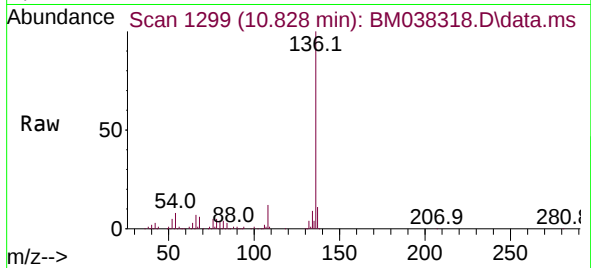




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

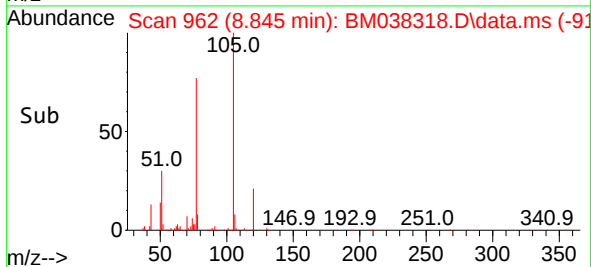
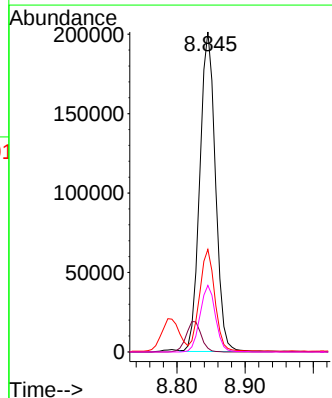
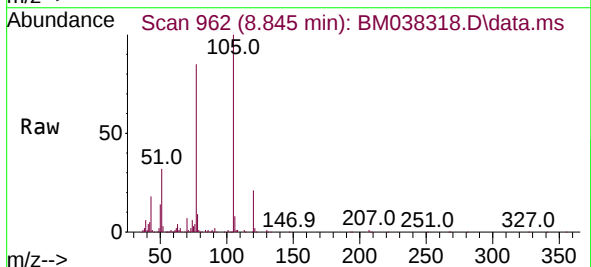
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

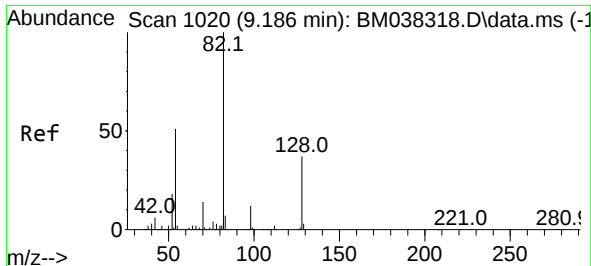
Tgt Ion:	136	Resp:	275283
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	8.4	6.7	10.1
68	5.9	4.7	7.1



#22
Acetophenone
Concen: 44.945 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:	105	Resp:	319976
Ion Ratio	Lower	Upper	
105	100		
71	1.2	1.0	1.4
51	32.0	25.6	38.4
120	20.8	16.6	25.0





#23

Nitrobenzene-d5

Concen: 98.200 ng

RT: 9.186 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

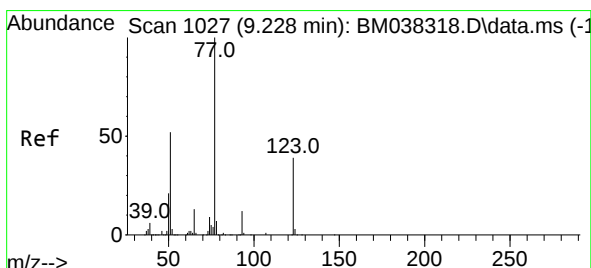
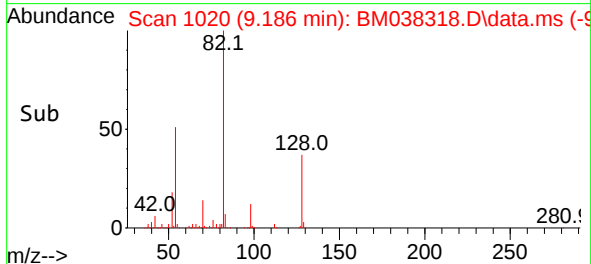
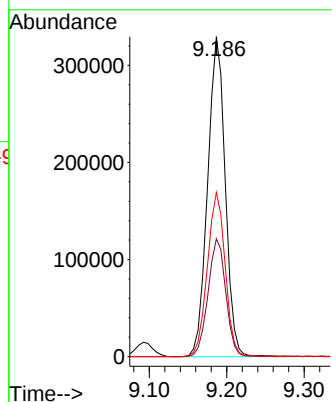
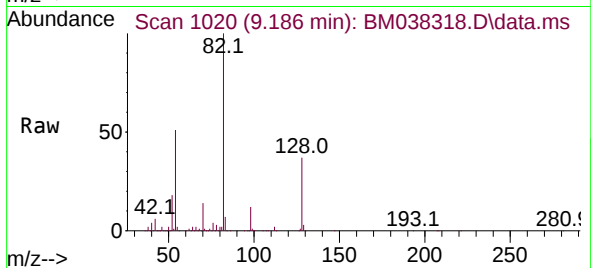
Tgt Ion: 82 Resp: 520199

Ion Ratio Lower Upper

82 100

128 36.8 29.4 44.2

54 51.3 41.0 61.6



#24

Nitrobenzene

Concen: 48.821 ng

RT: 9.228 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

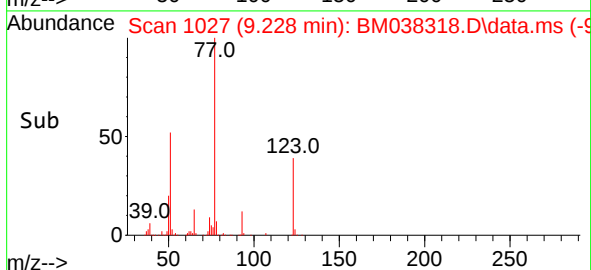
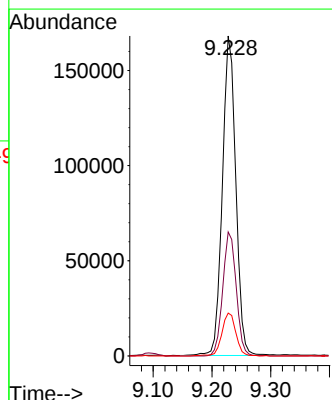
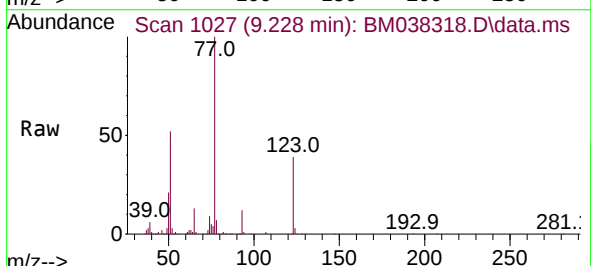
Tgt Ion: 77 Resp: 266768

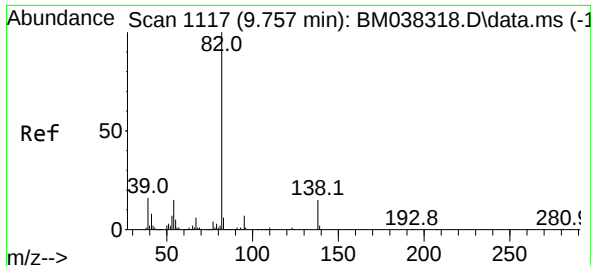
Ion Ratio Lower Upper

77 100

123 38.7 31.0 46.4

65 13.4 10.7 16.1

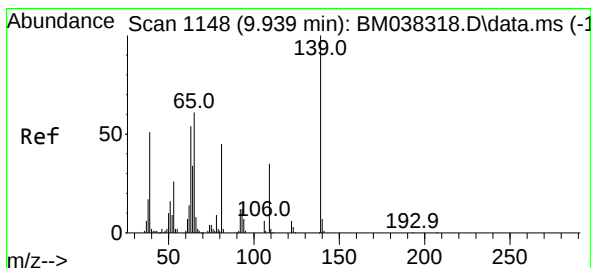
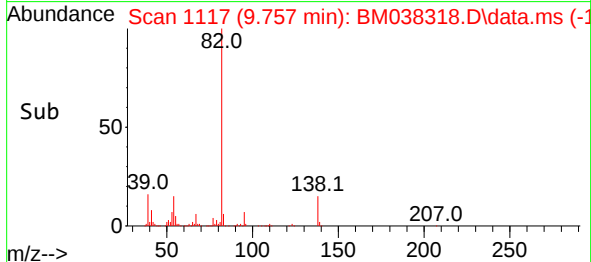
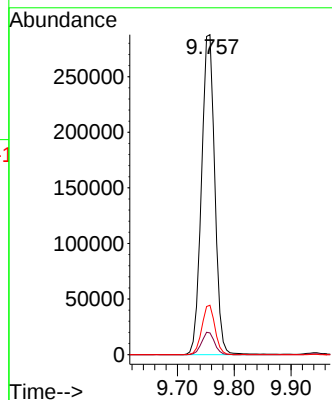
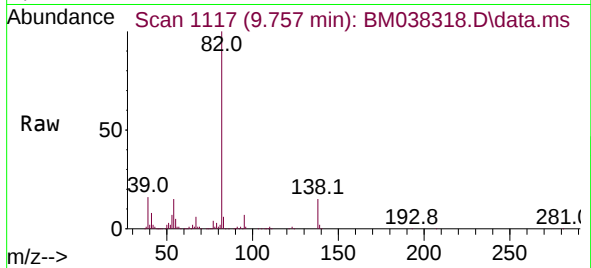




#25
Isophorone
Concen: 47.665 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

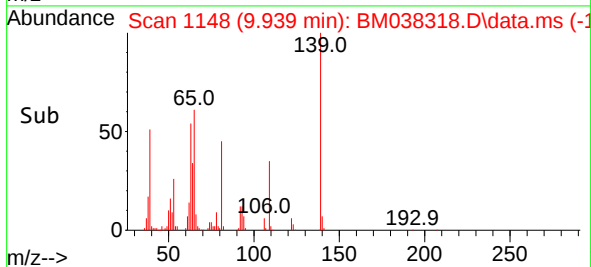
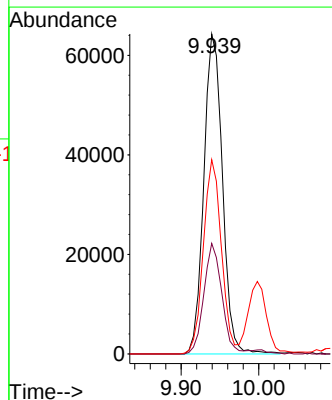
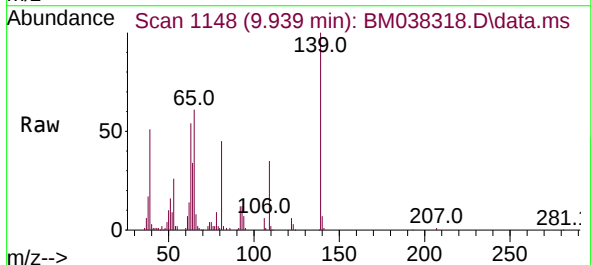
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

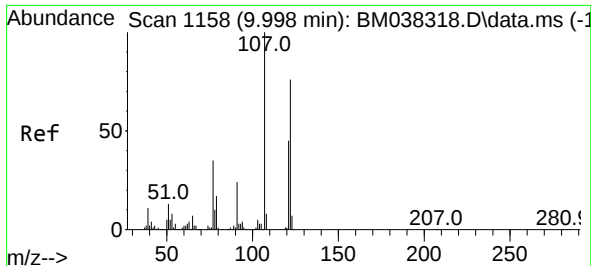
Tgt Ion: 82 Resp: 465824
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 15.4 12.3 18.5



#26
2-Nitrophenol
Concen: 42.127 ng
RT: 9.939 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:139 Resp: 107371
Ion Ratio Lower Upper
139 100
109 34.5 27.6 41.4
65 60.7 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 47.449 ng

RT: 9.998 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

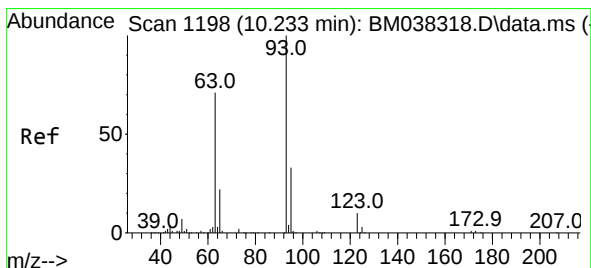
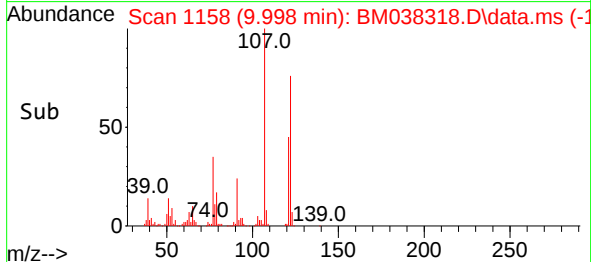
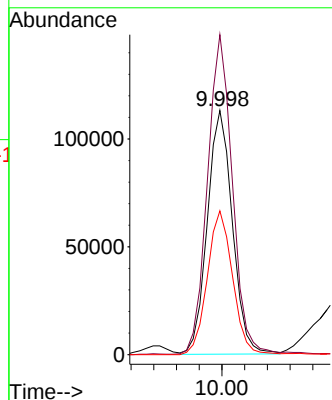
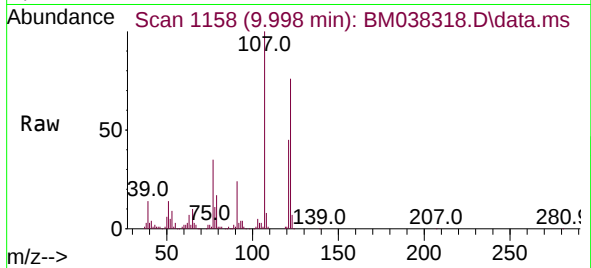
Tgt Ion:122 Resp: 173726

Ion Ratio Lower Upper

122 100

107 131.1 104.9 157.3

121 58.9 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.086 ng

RT: 10.233 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

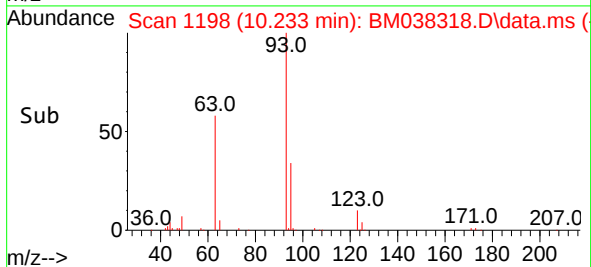
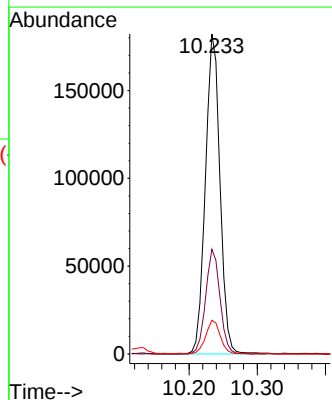
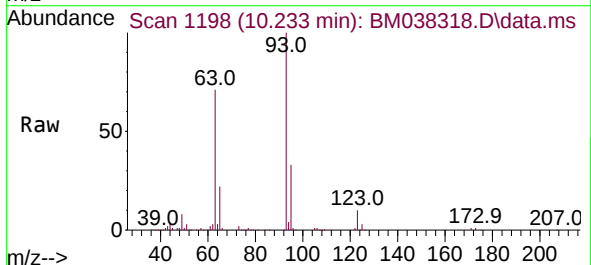
Tgt Ion: 93 Resp: 271023

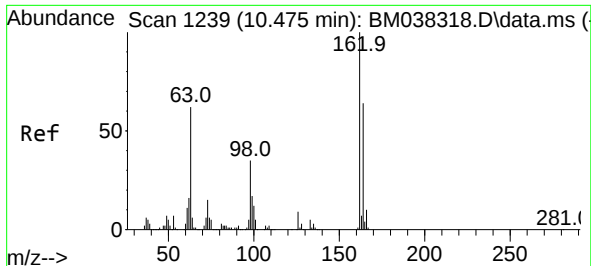
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.836 ng

RT: 10.475 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

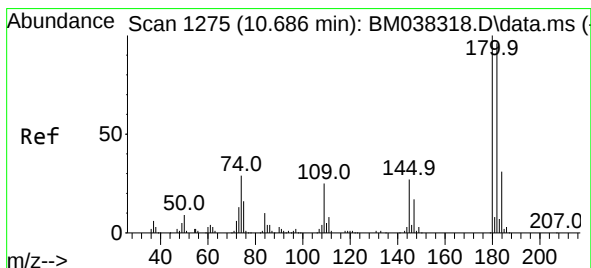
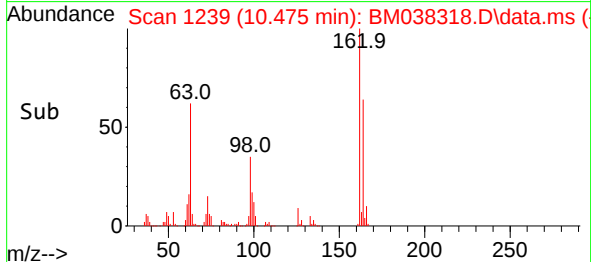
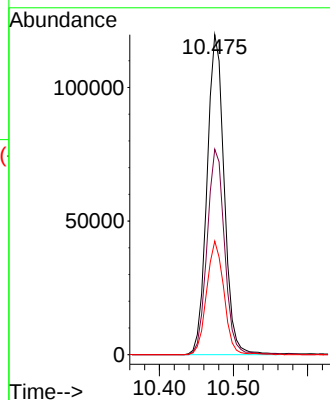
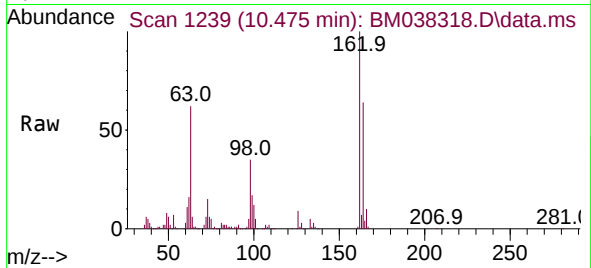
Tgt Ion:162 Resp: 192947

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 35.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 45.536 ng

RT: 10.686 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

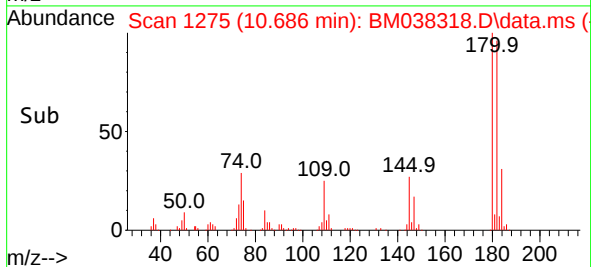
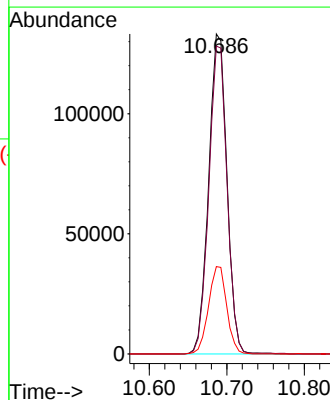
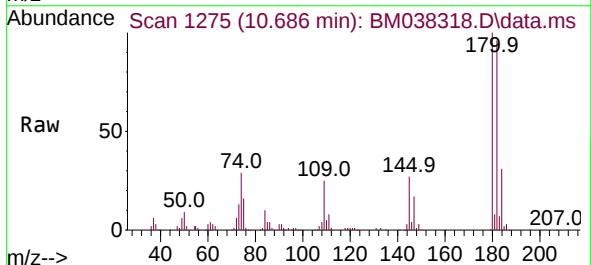
Tgt Ion:180 Resp: 217760

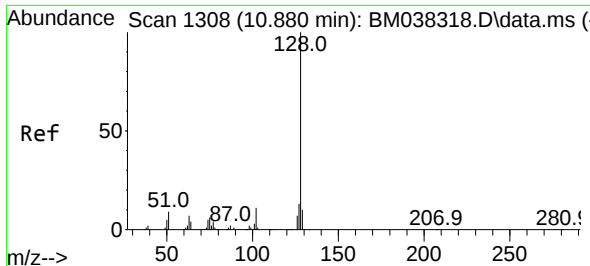
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 27.3 21.8 32.8

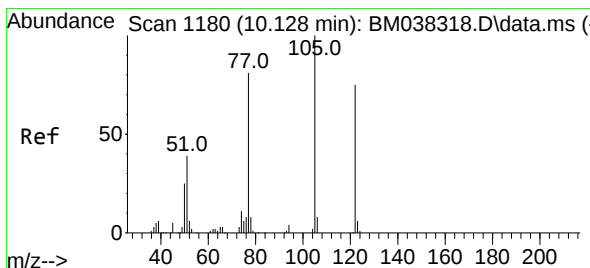
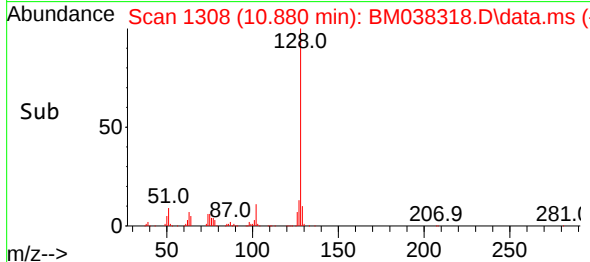
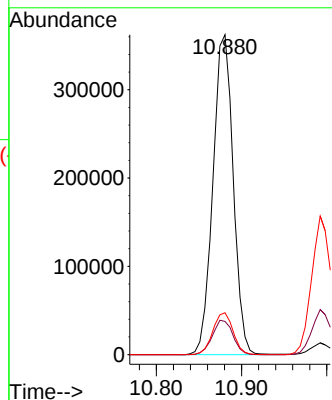
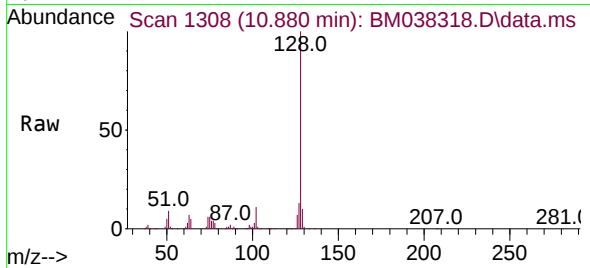




#31
Naphthalene
Concen: 38.408 ng
RT: 10.880 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

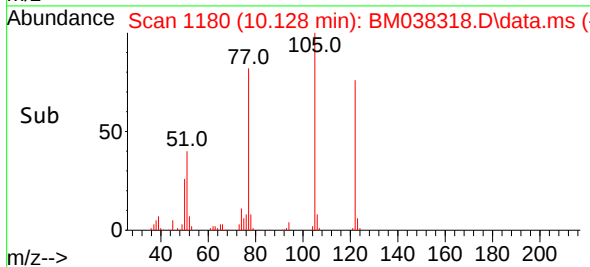
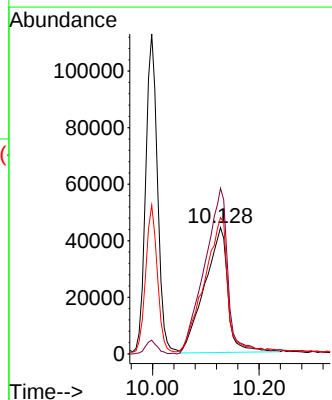
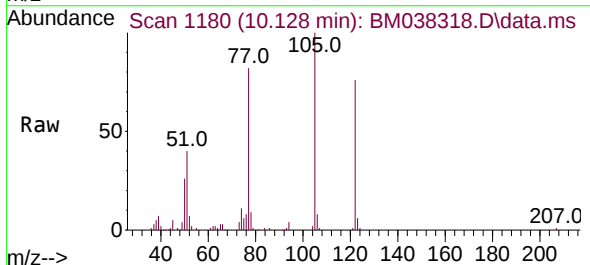
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

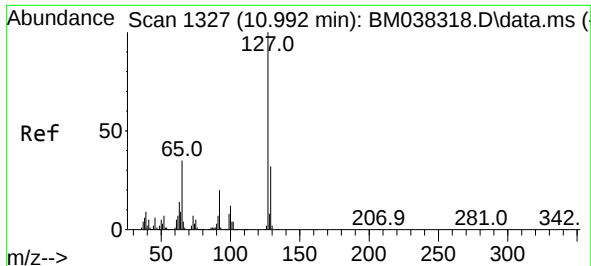
Tgt Ion:128 Resp: 599021
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.628 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:122 Resp: 133498
Ion Ratio Lower Upper
122 100
105 131.1 111.1 151.1
77 107.8 87.8 127.8

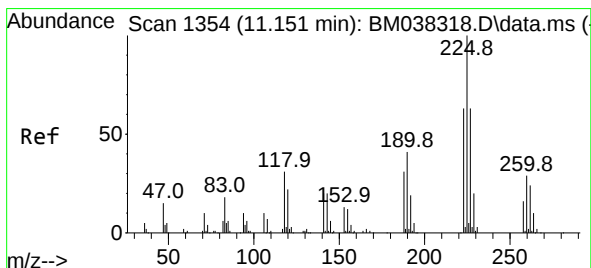
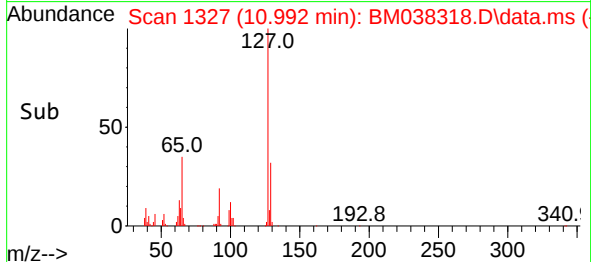
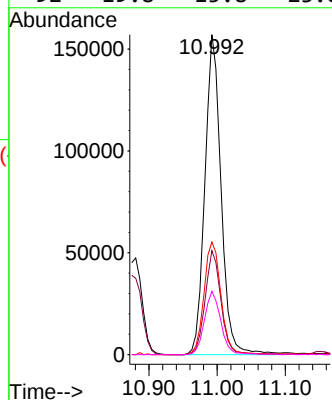
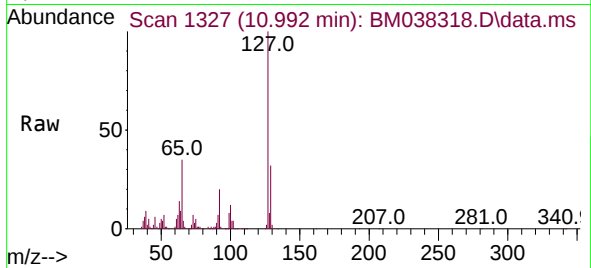




#33
4-Chloroaniline
Concen: 41.198 ng
RT: 10.992 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

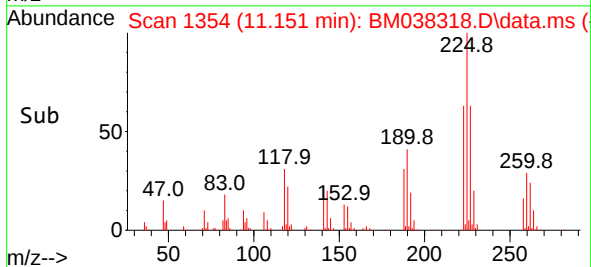
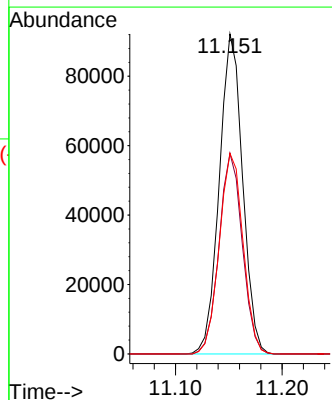
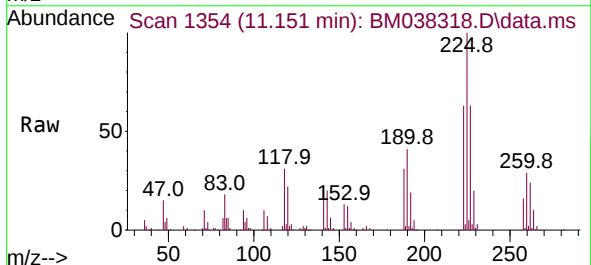
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

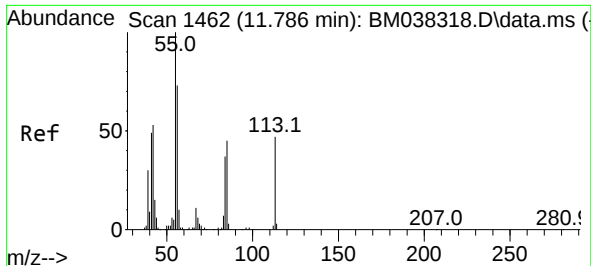
Tgt Ion:	127	Resp:	259530
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	35.2	28.2	42.2
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 50.377 ng
RT: 11.151 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:	225	Resp:	140342
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	62.6	50.1	75.1

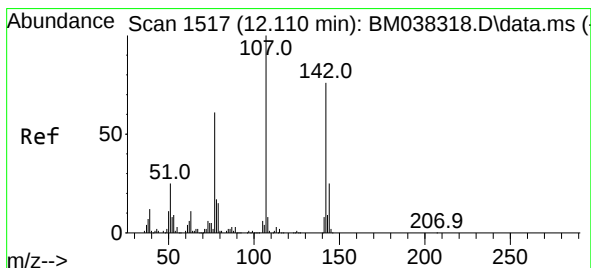
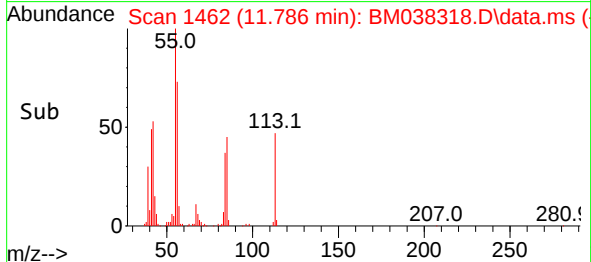
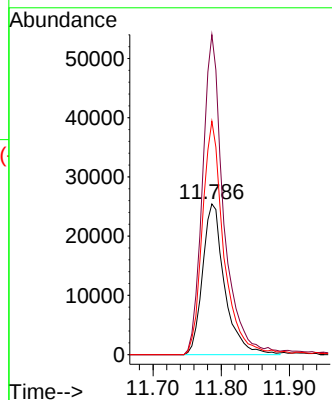
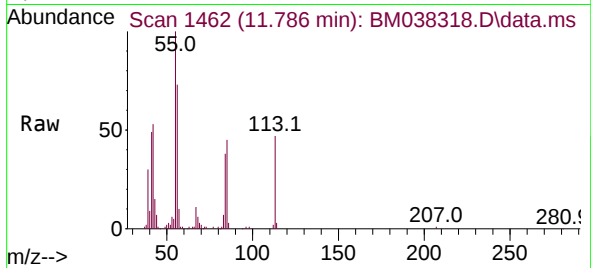




#35
Caprolactam
Concen: 37.070 ng
RT: 11.786 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

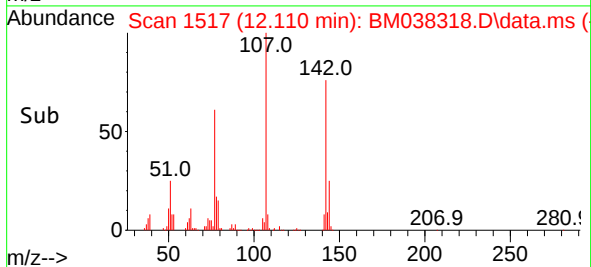
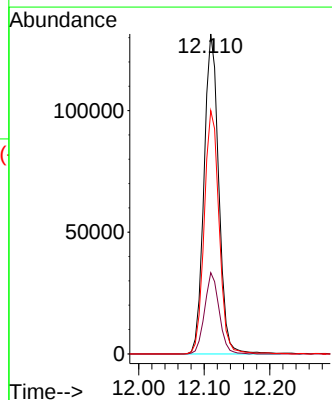
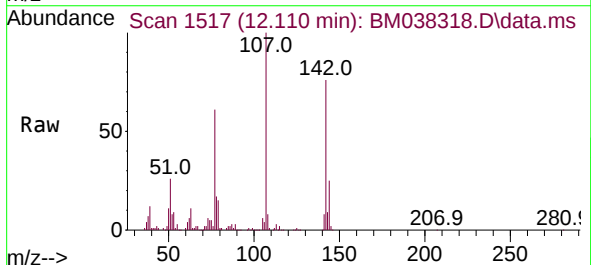
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

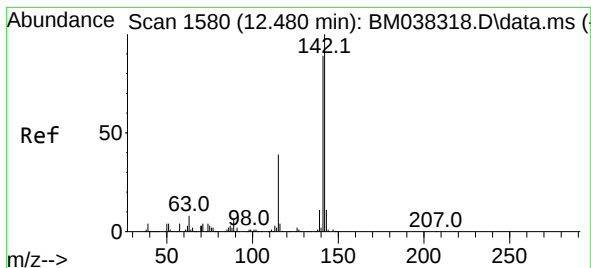
Tgt Ion:113 Resp: 57191
Ion Ratio Lower Upper
113 100
55 212.5 192.5 232.5
56 154.9 134.9 174.9



#36
4-Chloro-3-methylphenol
Concen: 42.770 ng
RT: 12.110 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:107 Resp: 204408
Ion Ratio Lower Upper
107 100
144 25.4 20.3 30.5
142 76.0 60.8 91.2

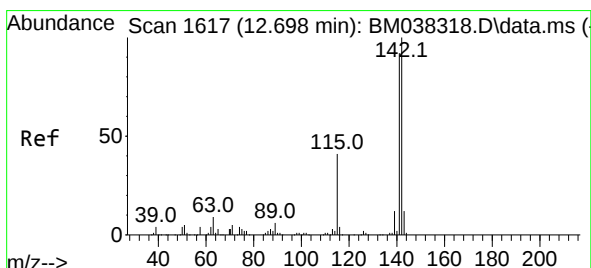
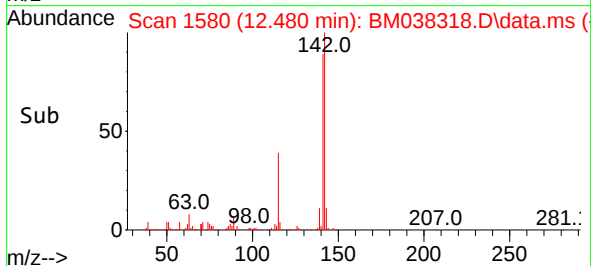
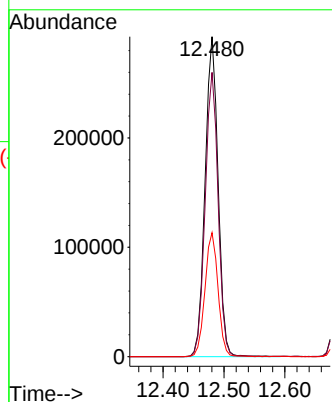
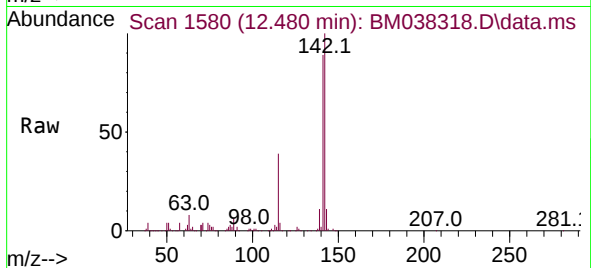




#37
2-Methylnaphthalene
Concen: 39.374 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

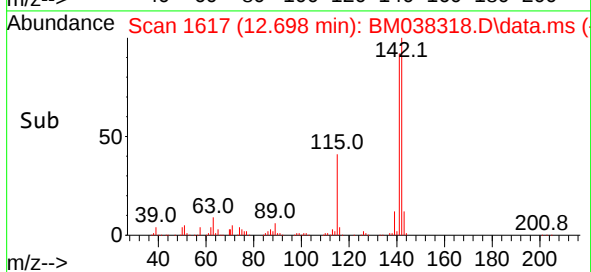
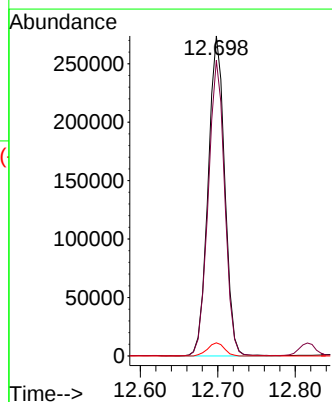
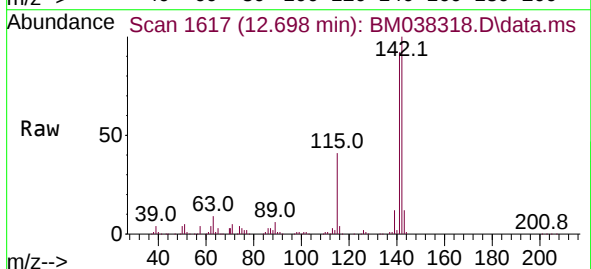
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

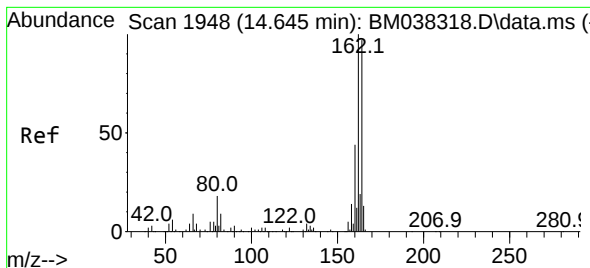
Tgt Ion:142 Resp: 432158
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 38.7 31.0 46.4



#38
1-Methylnaphthalene
Concen: 37.321 ng
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:142 Resp: 407176
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 4.1 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

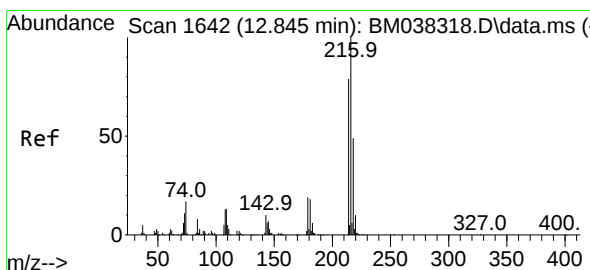
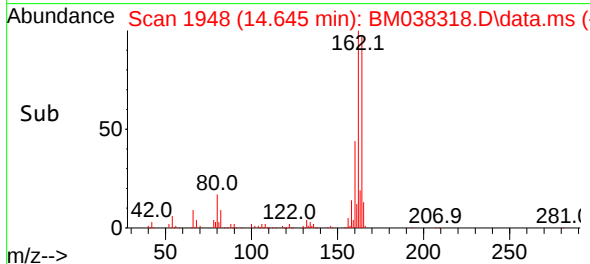
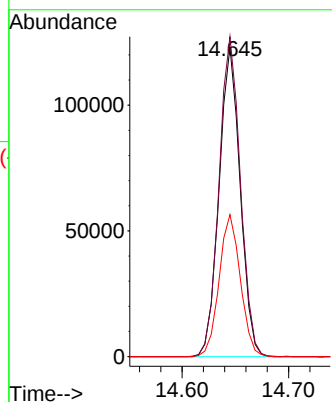
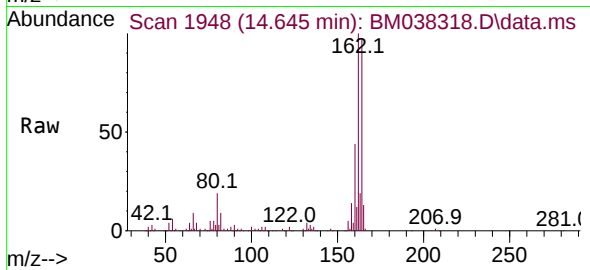
Tgt Ion:164 Resp: 169529

Ion Ratio Lower Upper

164 100

162 103.3 82.6 124.0

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.509 ng

RT: 12.845 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Tgt Ion:216 Resp: 258644

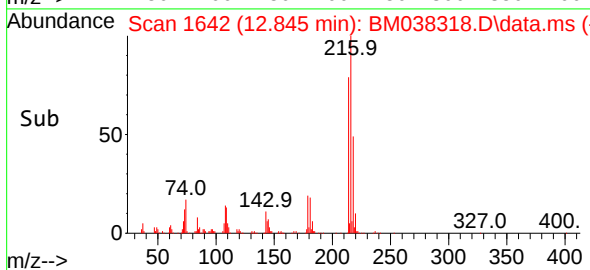
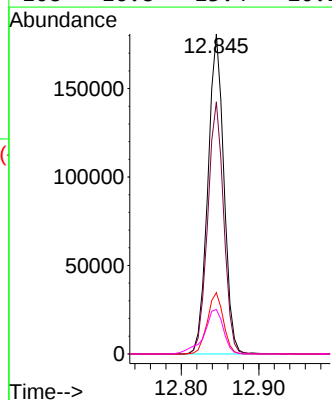
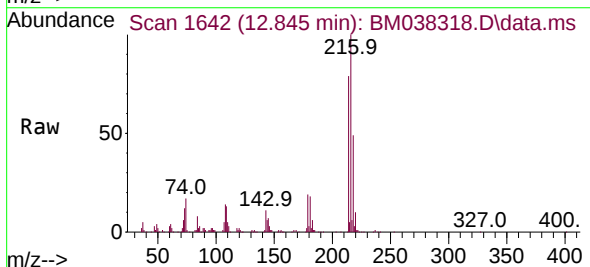
Ion Ratio Lower Upper

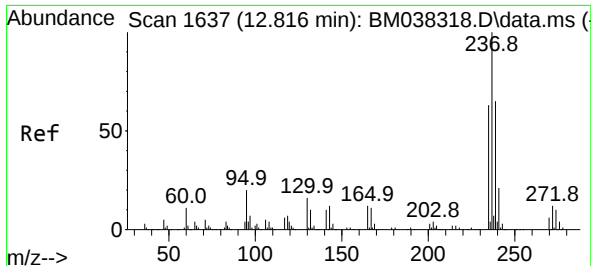
216 100

214 78.7 63.0 94.4

179 19.1 15.3 22.9

108 16.8 13.4 20.2

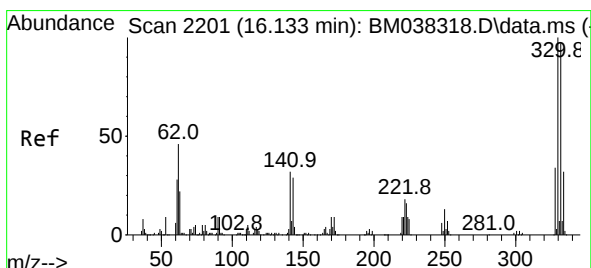
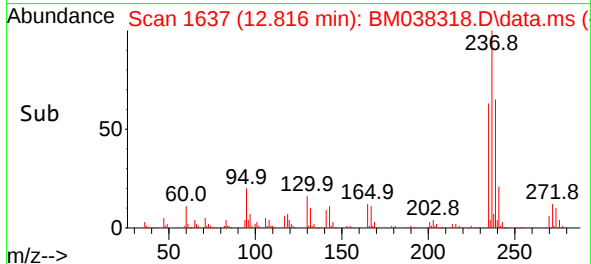
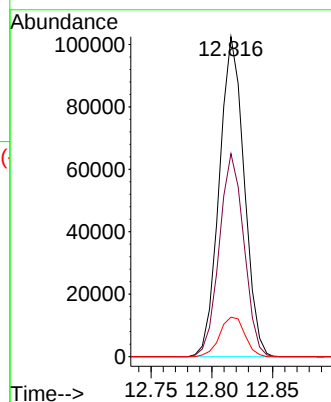
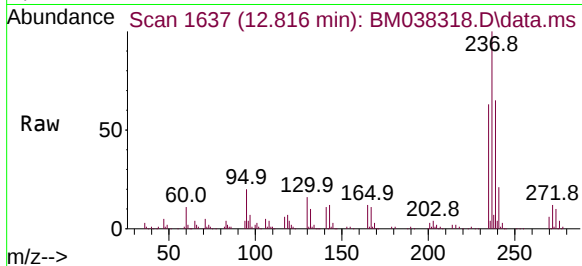




#41
Hexachlorocyclopentadiene
Concen: 68.929 ng
RT: 12.816 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

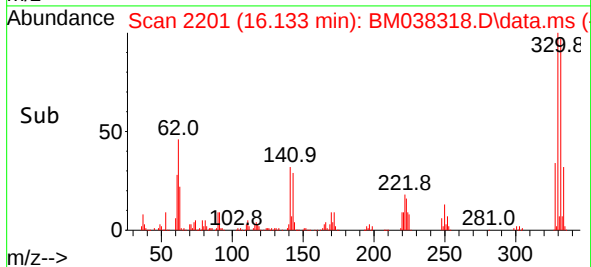
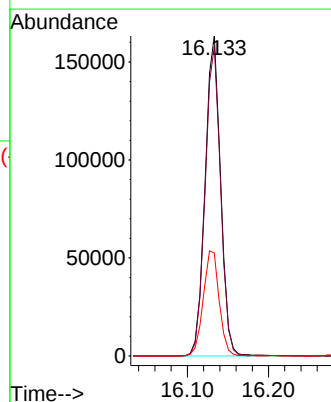
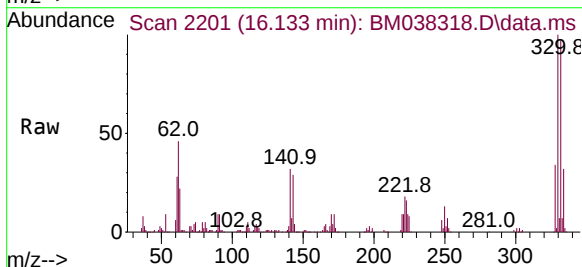
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BNA_M
ClientSampleId :
SSTDICCC040

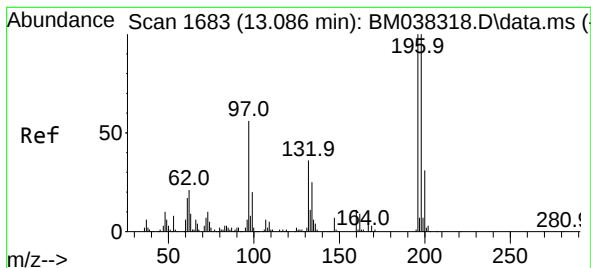
Tgt Ion:237 Resp: 145354
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 92.275 ng
RT: 16.133 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:330 Resp: 216301
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 33.8 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 47.587 ng

RT: 13.086 min Scan# 1683

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

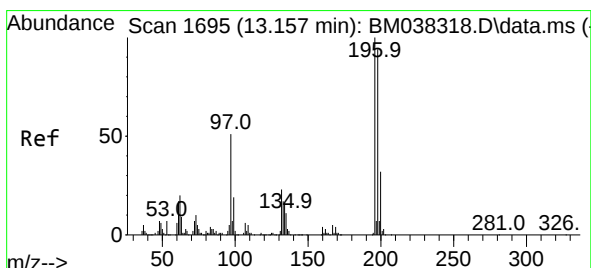
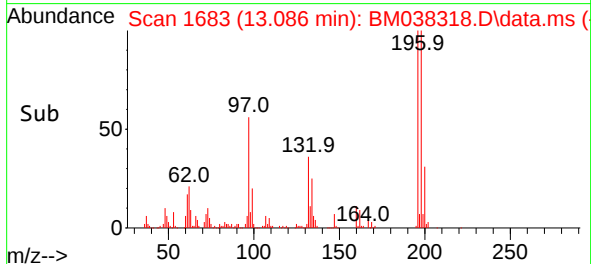
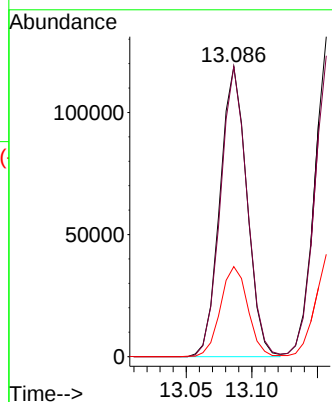
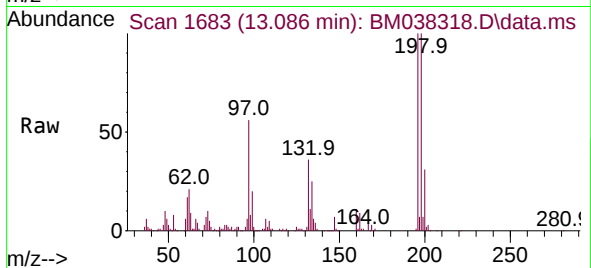
Tgt Ion:196 Resp: 169961

Ion Ratio Lower Upper

196 100

198 99.9 79.9 119.9

200 31.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 50.660 ng

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Tgt Ion:196 Resp: 200337

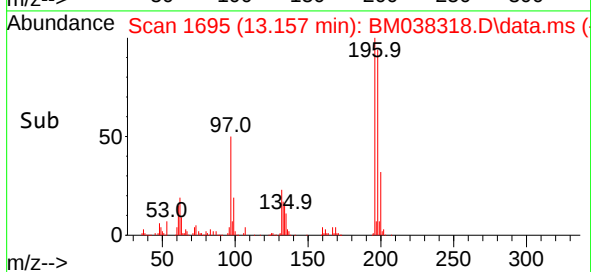
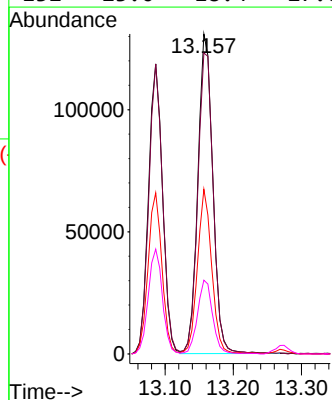
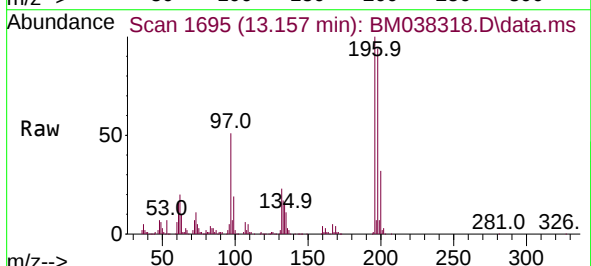
Ion Ratio Lower Upper

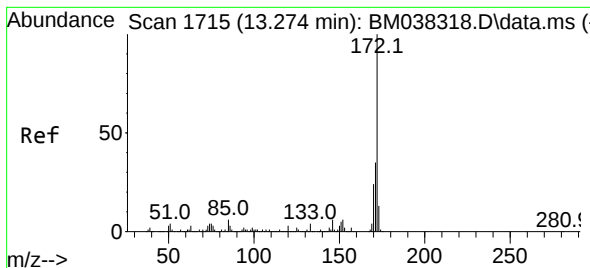
196 100

198 94.0 75.2 112.8

97 51.5 41.2 61.8

132 23.0 18.4 27.6

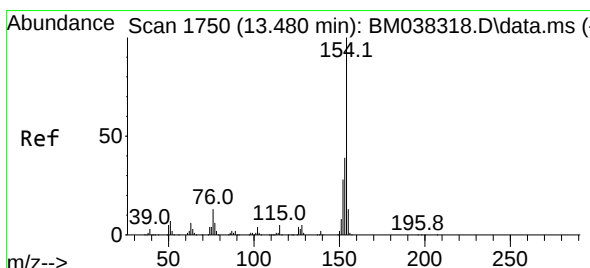
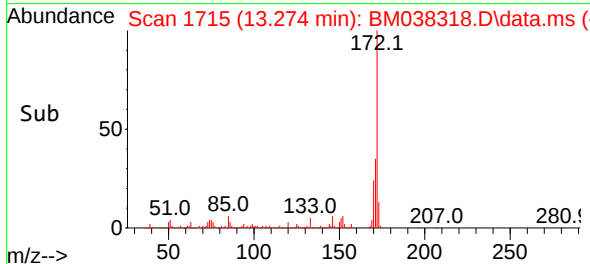
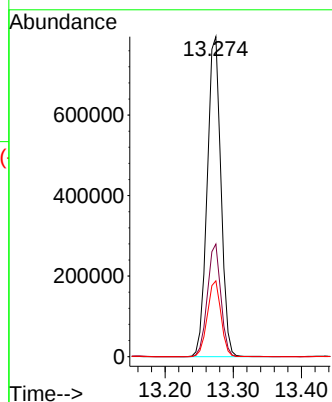
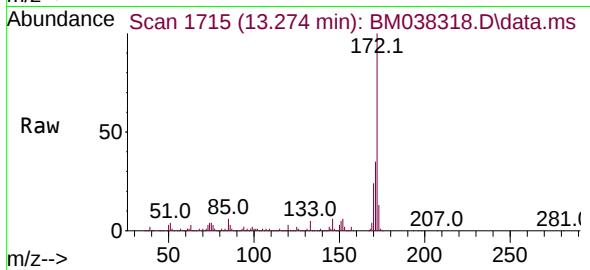




#45
2-Fluorobiphenyl
Concen: 90.767 ng
RT: 13.274 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

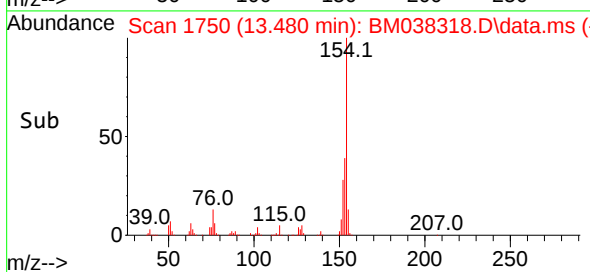
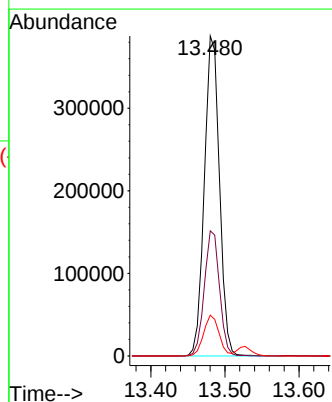
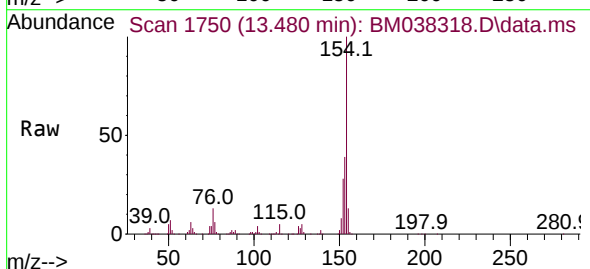
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

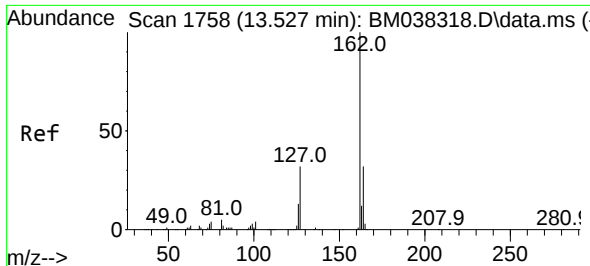
Tgt Ion:172 Resp: 1107195
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.715 ng
RT: 13.480 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:154 Resp: 547637
Ion Ratio Lower Upper
154 100
153 39.1 19.1 59.1
76 12.7 0.0 32.7

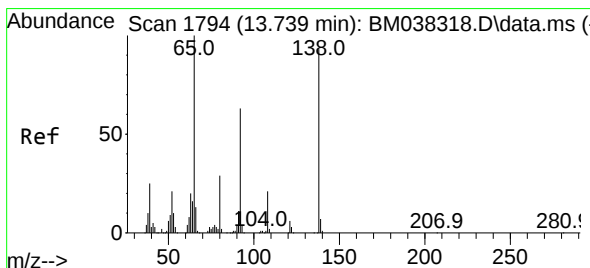
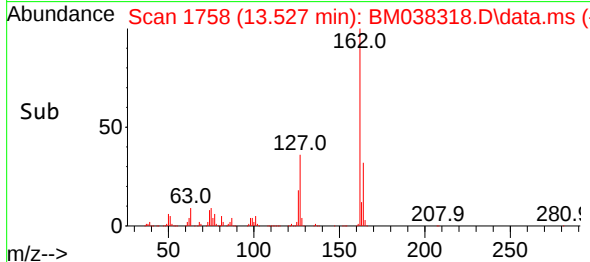
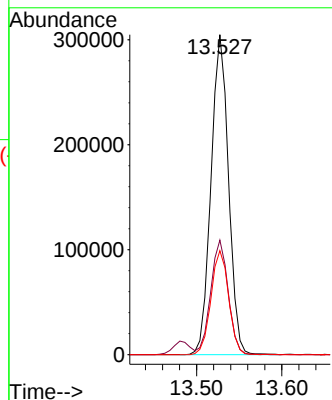
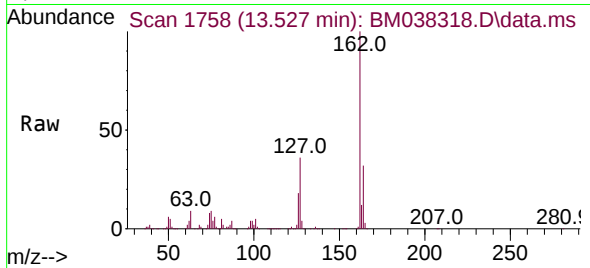




#47
2-Chloronaphthalene
Concen: 41.137 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

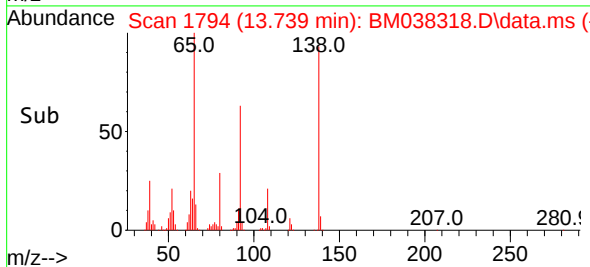
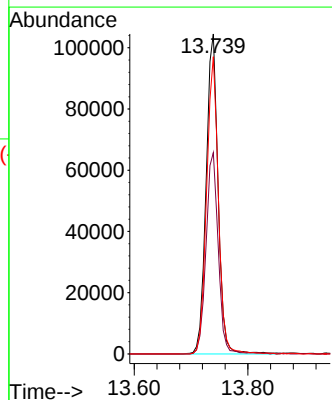
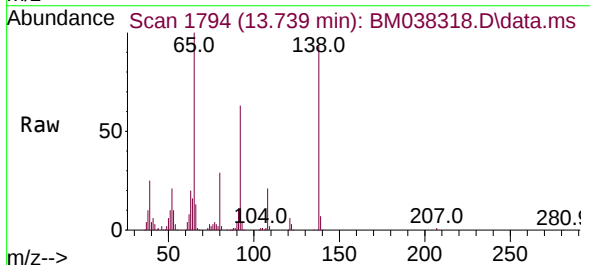
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

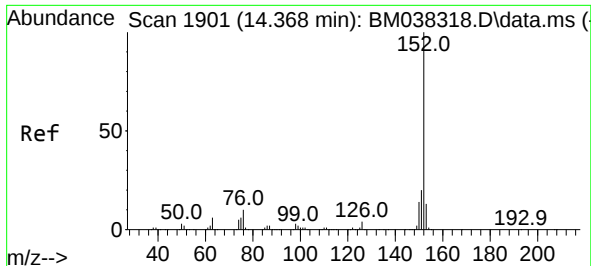
Tgt Ion:162 Resp: 434306
Ion Ratio Lower Upper
162 100
127 35.8 28.6 43.0
164 32.5 26.0 39.0



#48
2-Nitroaniline
Concen: 47.155 ng
RT: 13.739 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion: 65 Resp: 153327
Ion Ratio Lower Upper
65 100
92 62.9 50.3 75.5
138 92.9 74.3 111.5

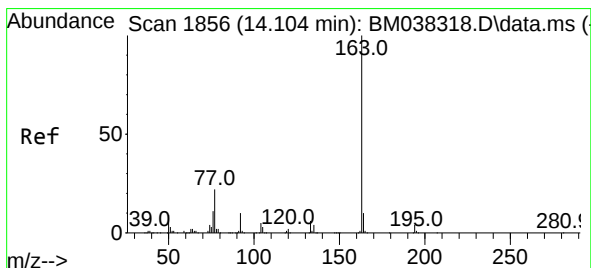
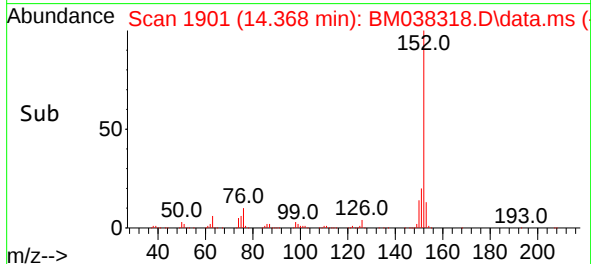
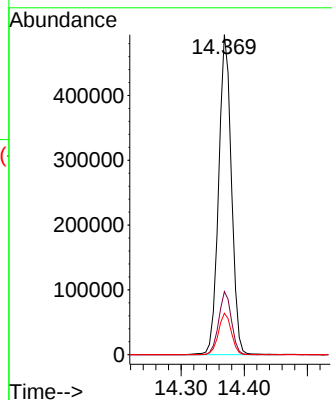
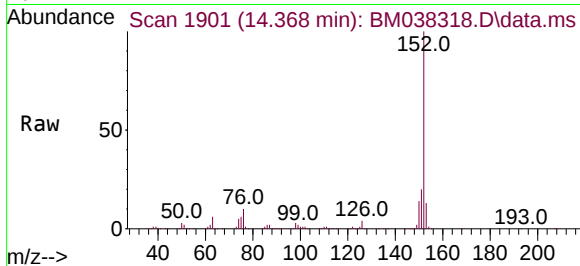




#49
Acenaphthylene
Concen: 40.908 ng
RT: 14.368 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

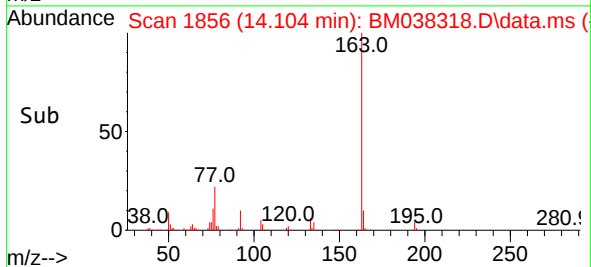
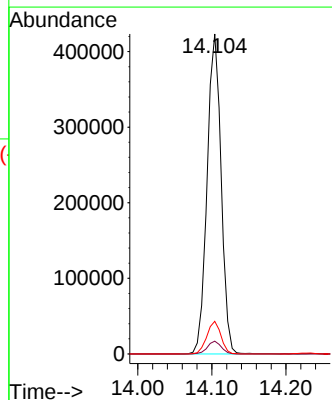
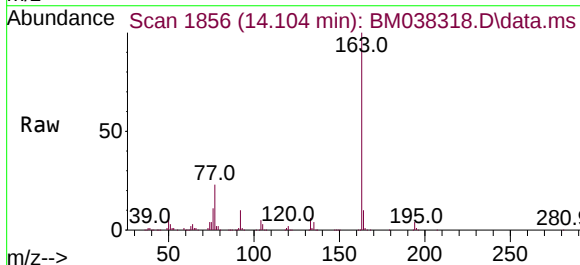
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

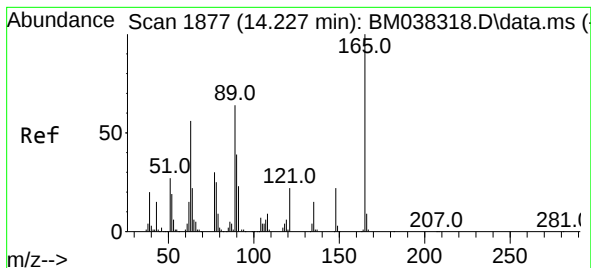
Tgt Ion:	152	Resp:	691761
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.6
153	12.9	10.3	15.5



#50
Dimethylphthalate
Concen: 40.869 ng
RT: 14.104 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:	163	Resp:	554546
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2

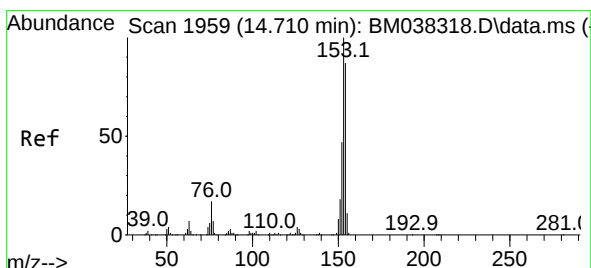
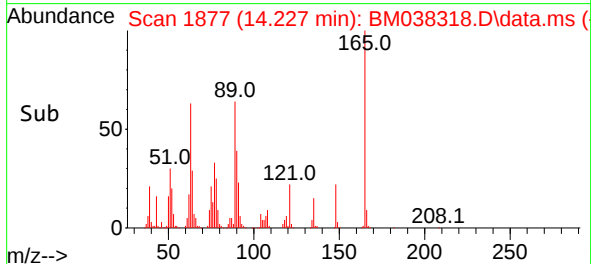
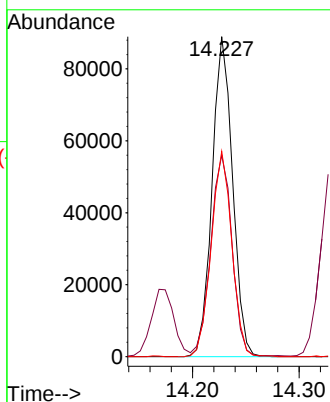
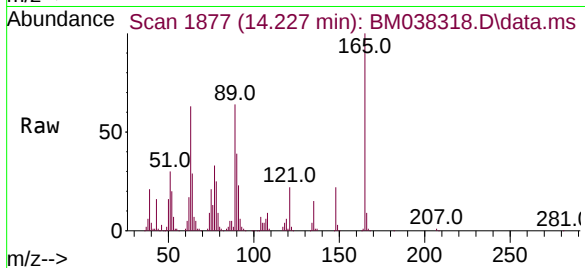




#51
2,6-Dinitrotoluene
Concen: 40.763 ng
RT: 14.227 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

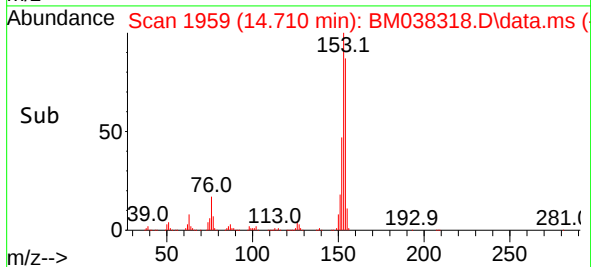
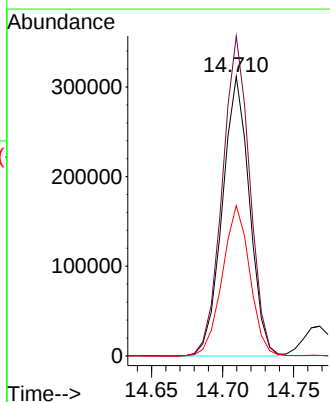
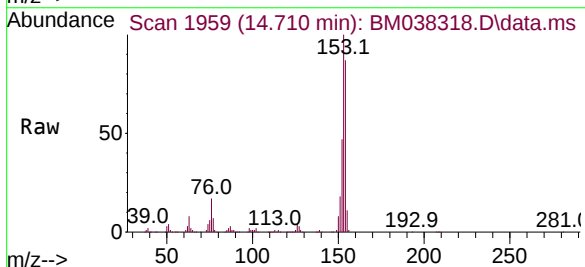
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

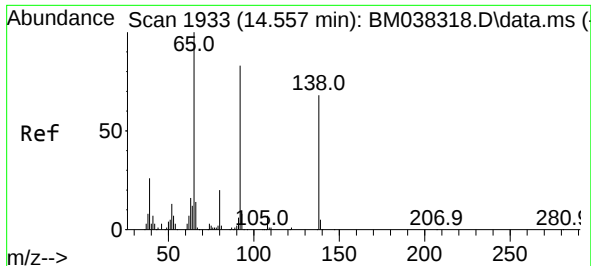
Tgt Ion:165 Resp: 118847
Ion Ratio Lower Upper
165 100
63 62.9 50.3 75.5
89 64.1 51.3 76.9



#52
Acenaphthene
Concen: 40.118 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:154 Resp: 414104
Ion Ratio Lower Upper
154 100
153 114.5 91.6 137.4
152 53.8 43.0 64.6

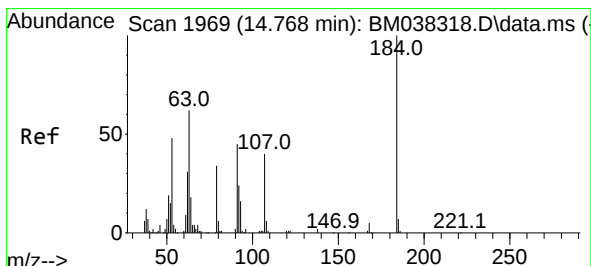
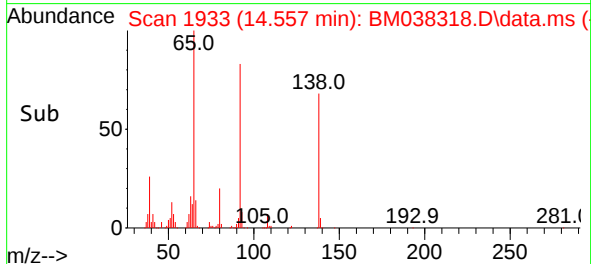
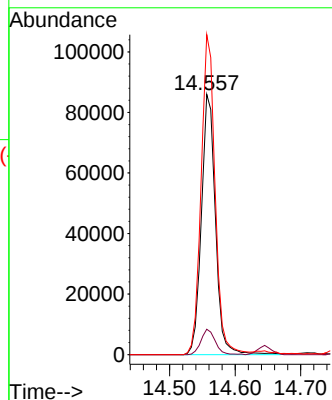
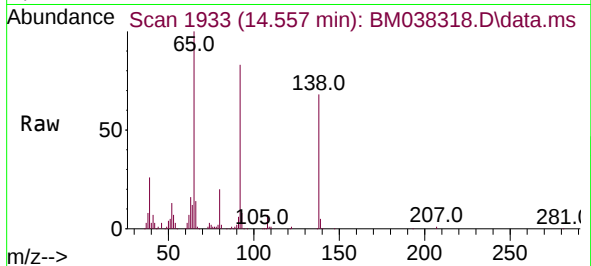




#53
3-Nitroaniline
Concen: 40.801 ng
RT: 14.557 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

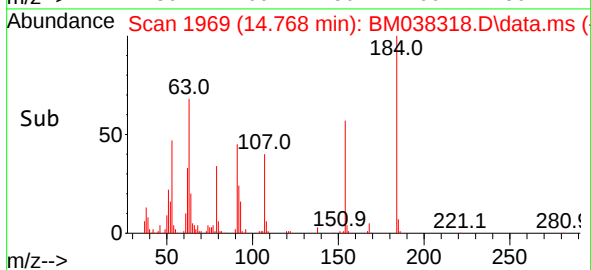
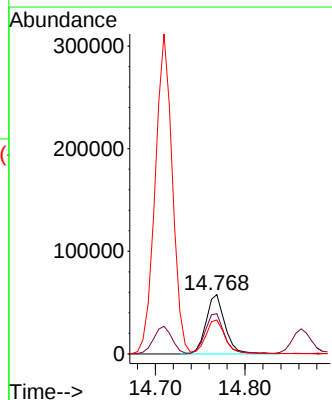
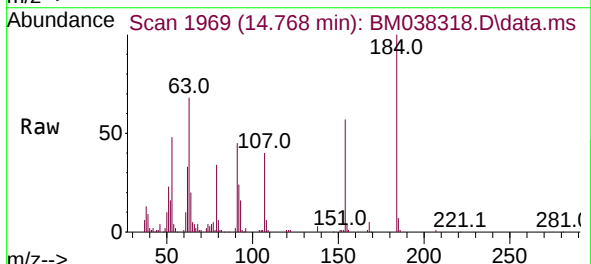
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

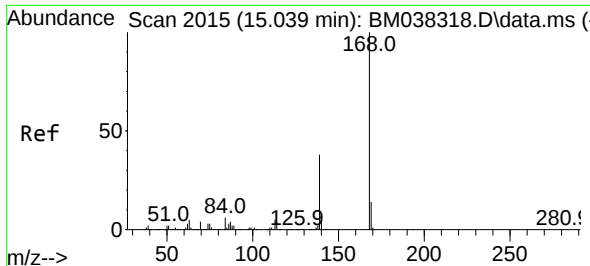
Tgt Ion:138 Resp: 127584
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 123.0 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 49.601 ng
RT: 14.768 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:184 Resp: 84358
Ion Ratio Lower Upper
184 100
63 67.9 54.3 81.5
154 57.3 45.8 68.8

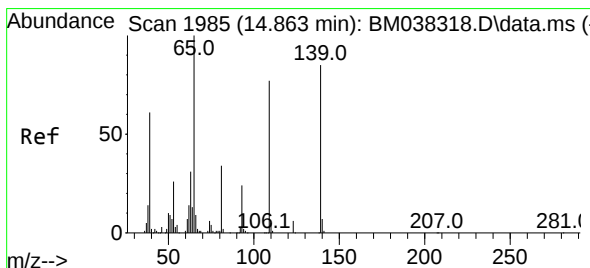
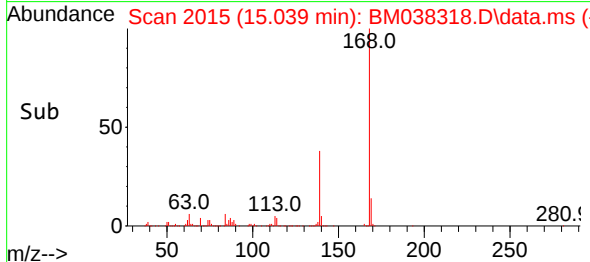
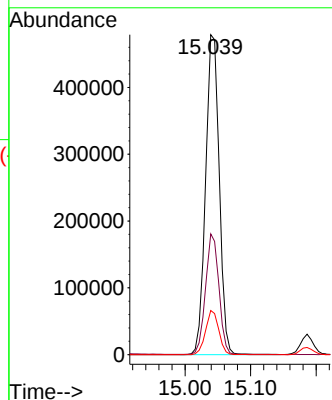
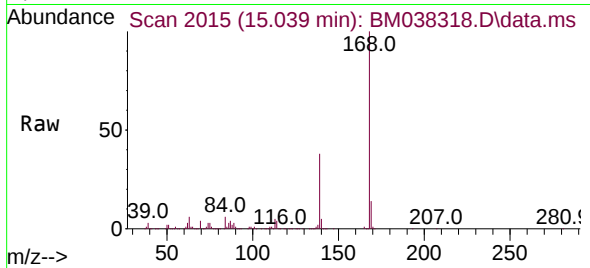




#55
Dibenzenofuran
Concen: 41.721 ng
RT: 15.039 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

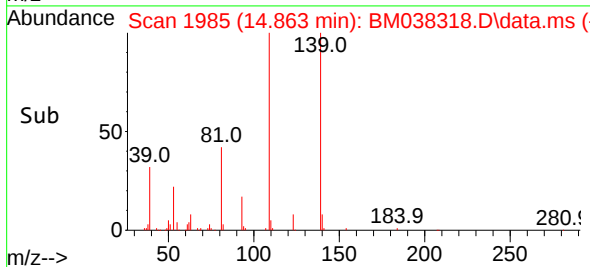
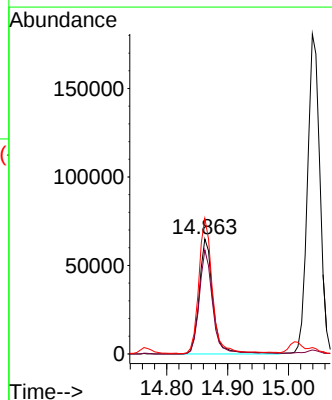
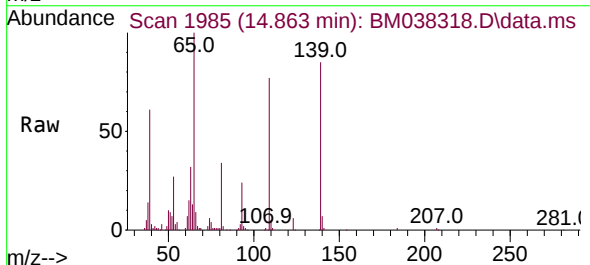
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

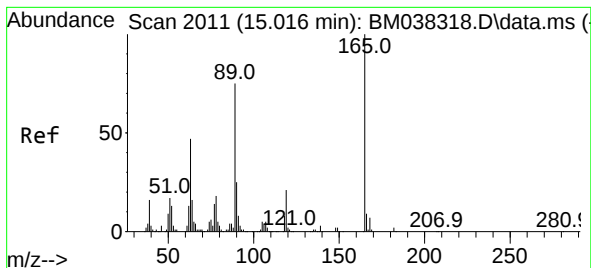
Tgt Ion:168 Resp: 688625
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 40.237 ng
RT: 14.863 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:139 Resp: 100916
Ion Ratio Lower Upper
139 100
109 90.4 70.4 110.4
65 117.8 97.8 137.8

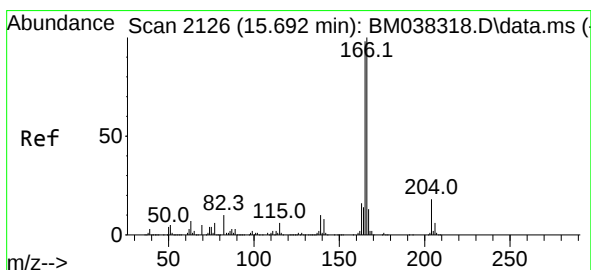
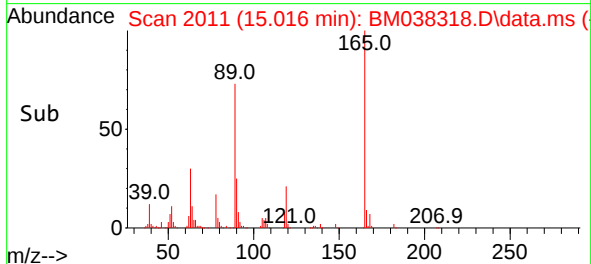
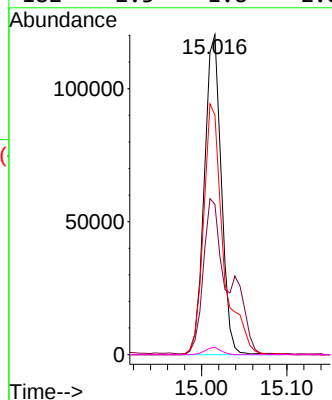
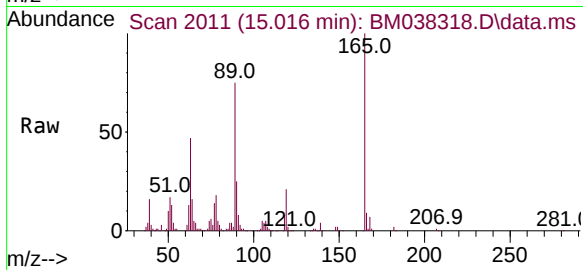




#57
2,4-Dinitrotoluene
Concen: 41.145 ng
RT: 15.016 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

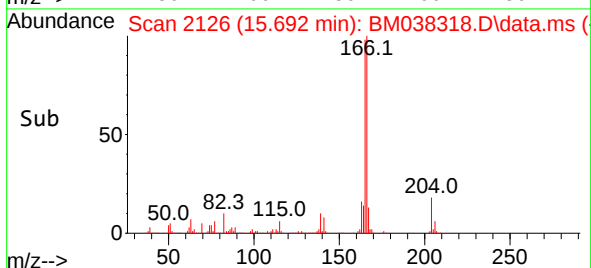
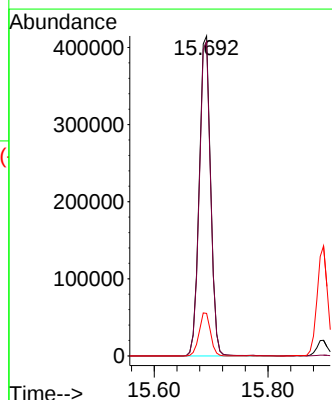
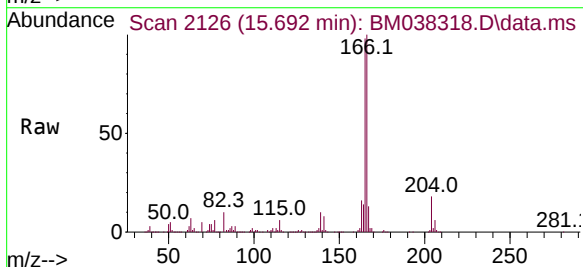
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

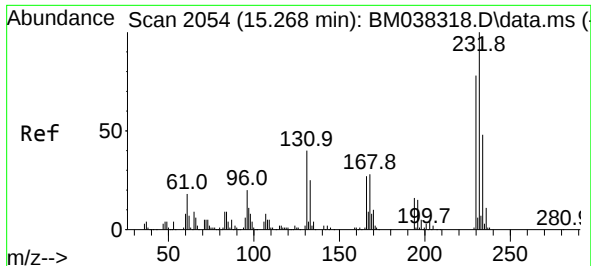
Tgt Ion:165 Resp: 166070
Ion Ratio Lower Upper
165 100
63 47.0 37.6 56.4
89 74.8 59.8 89.8
182 2.3 1.8 2.8



#58
Fluorene
Concen: 40.806 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:166 Resp: 571160
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.3 10.6 16.0

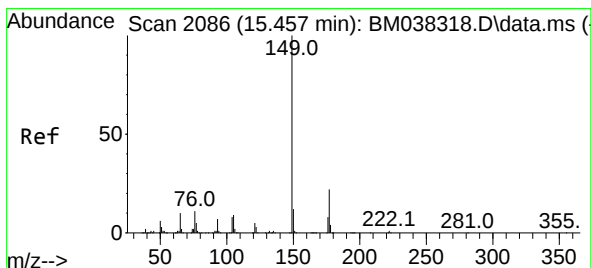
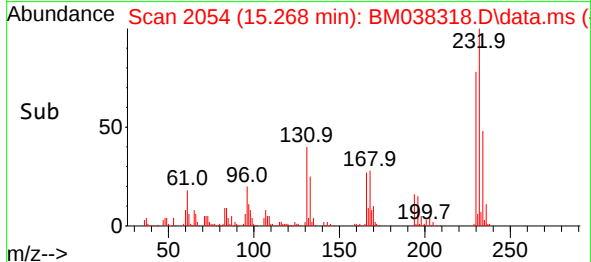
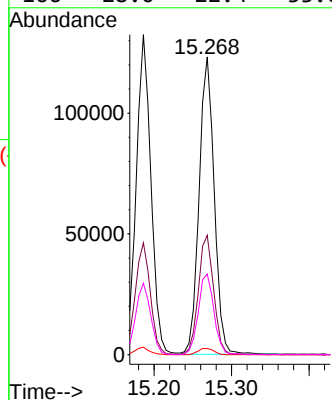
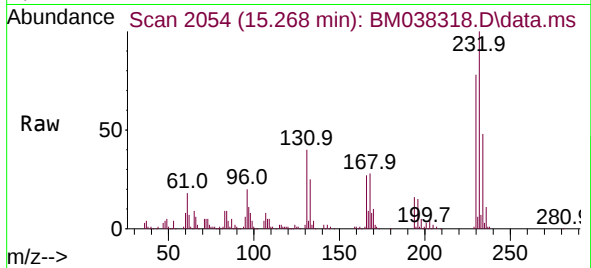




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.405 ng
RT: 15.268 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

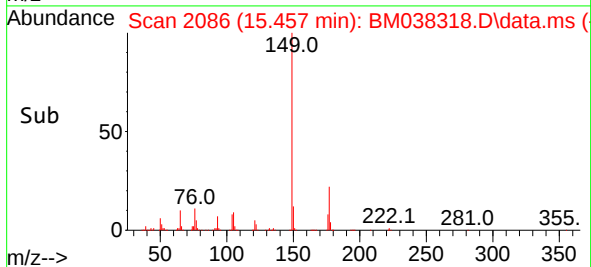
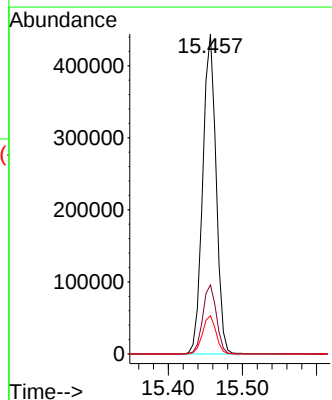
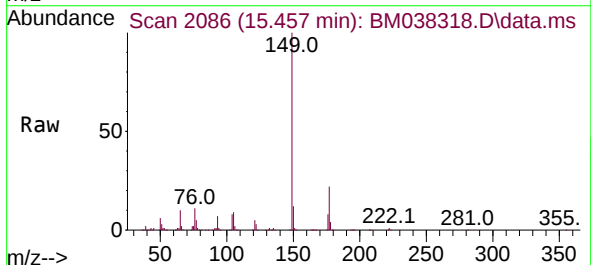
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

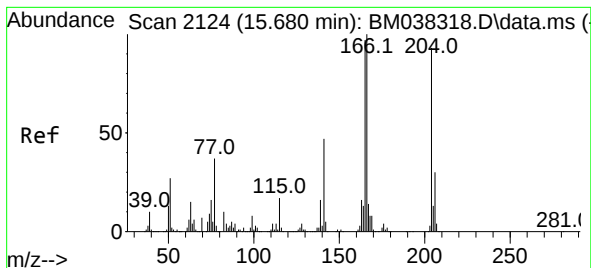
Tgt Ion:232 Resp: 167403
Ion Ratio Lower Upper
232 100
131 39.9 31.9 47.9
130 2.1 1.7 2.5
166 28.0 22.4 33.6



#60
Diethylphthalate
Concen: 40.063 ng
RT: 15.457 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:149 Resp: 554300
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 11.9 9.5 14.3

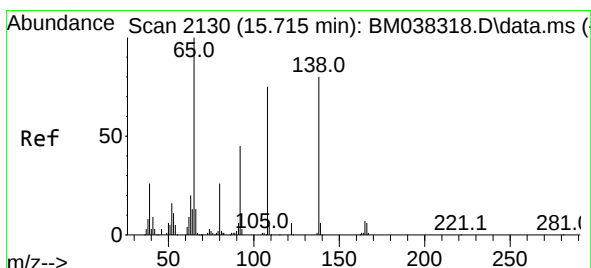
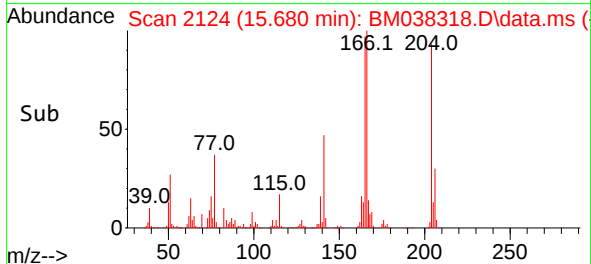
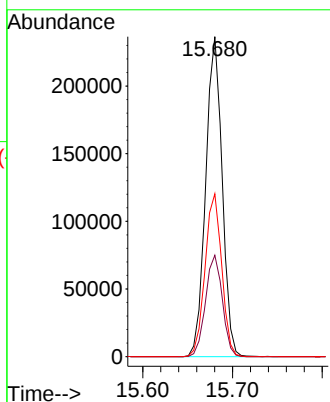
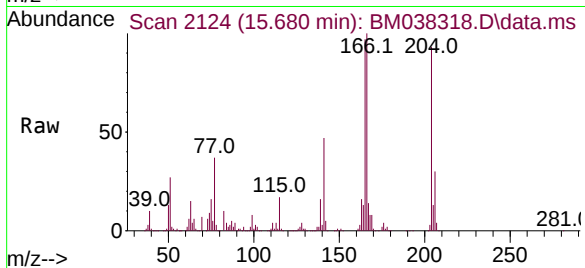




#61
4-Chlorophenyl-phenylether
Concen: 46.016 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

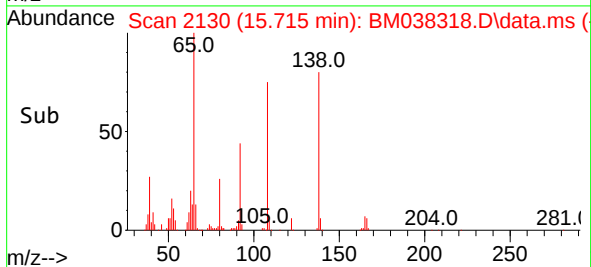
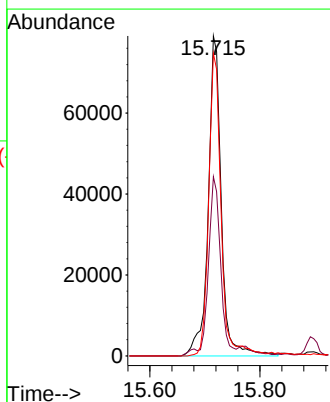
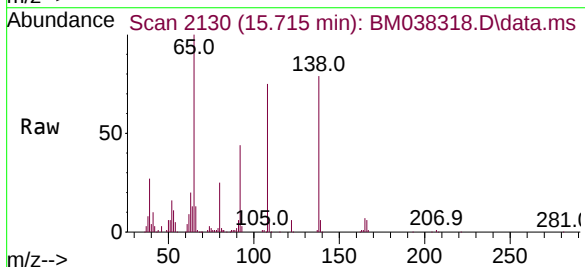
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

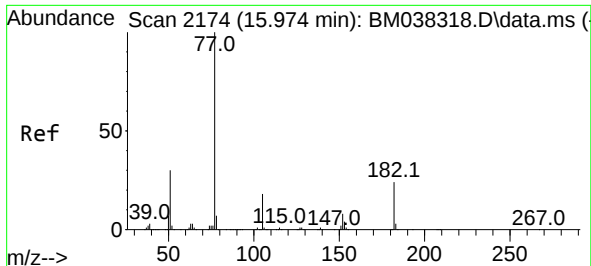
Tgt Ion:204 Resp: 300973
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.0
141 50.9 40.7 61.1



#62
4-Nitroaniline
Concen: 45.016 ng
RT: 15.715 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:138 Resp: 130361
Ion Ratio Lower Upper
138 100
92 56.0 36.0 76.0
108 94.5 74.5 114.5

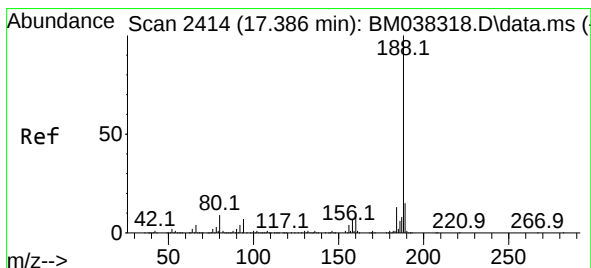
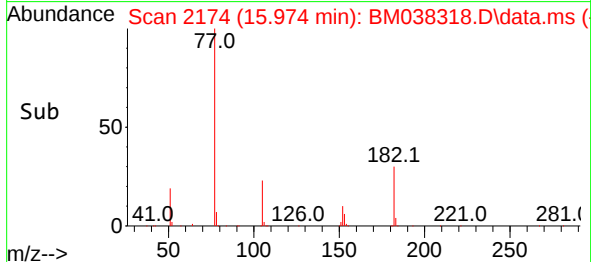
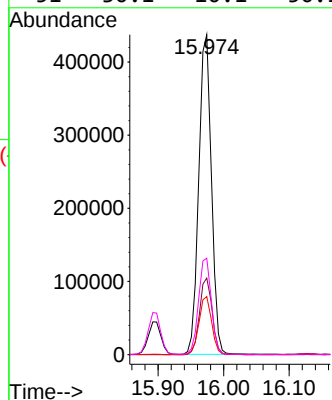
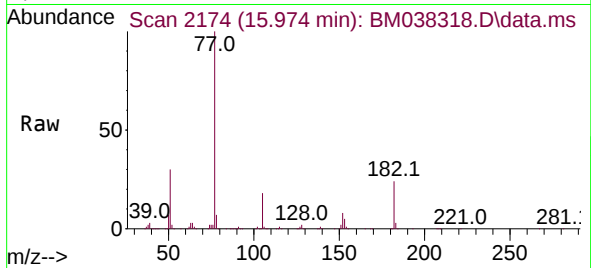




#63
Azobenzene
Concen: 45.126 ng
RT: 15.974 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

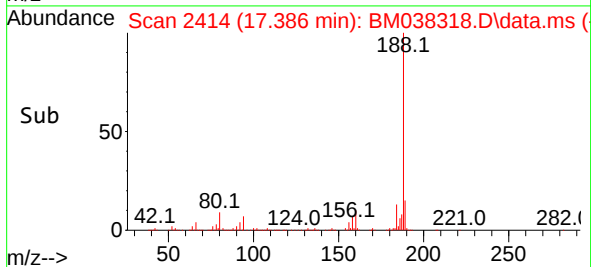
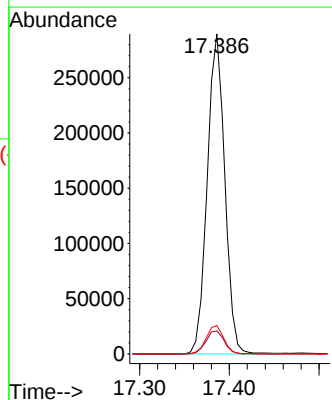
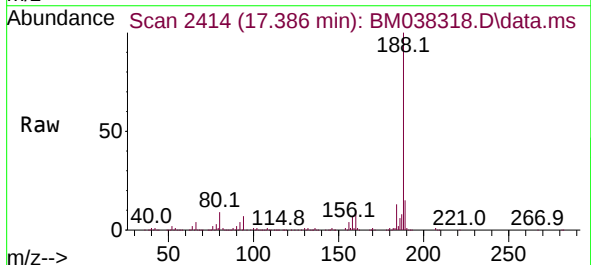
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

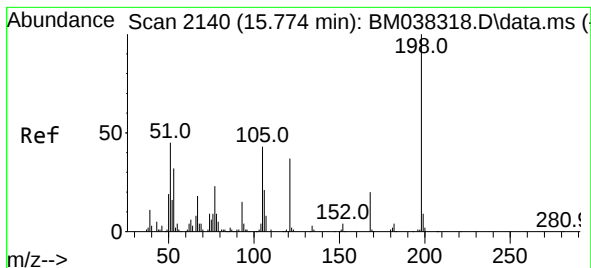
Tgt Ion:	77	Resp:	584271
Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.9	43.9
105	18.1	0.0	38.1
51	30.1	10.1	50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:	188	Resp:	394044
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	8.9	7.1	10.7

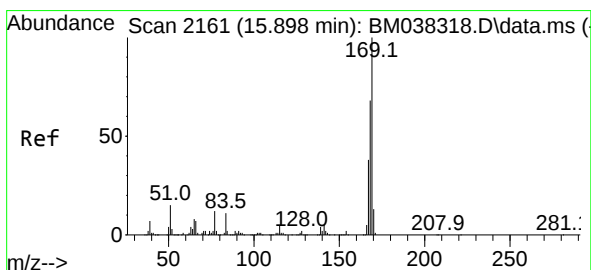
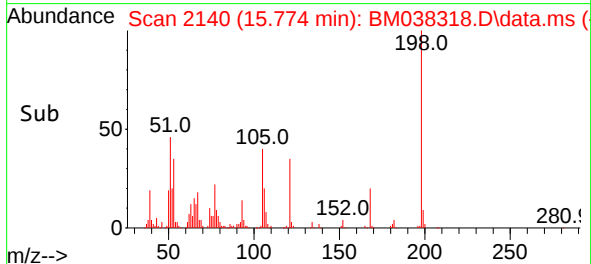
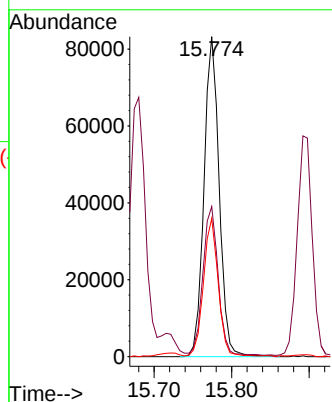
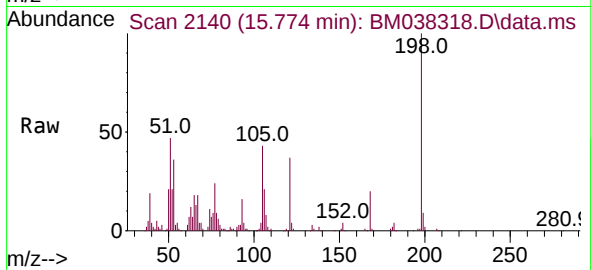




#65
4,6-Dinitro-2-methylphenol
Concen: 42.546 ng
RT: 15.774 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

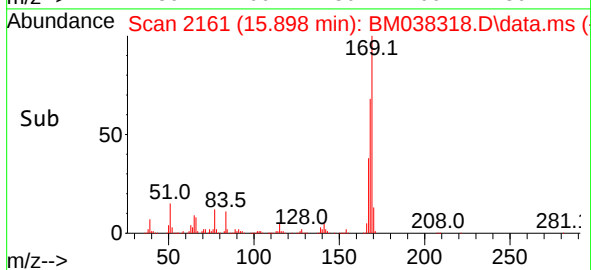
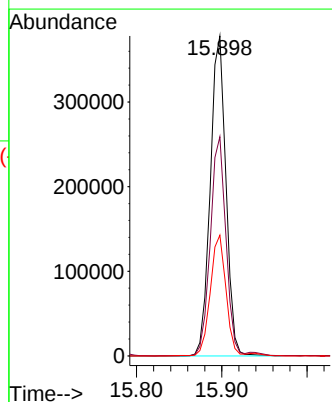
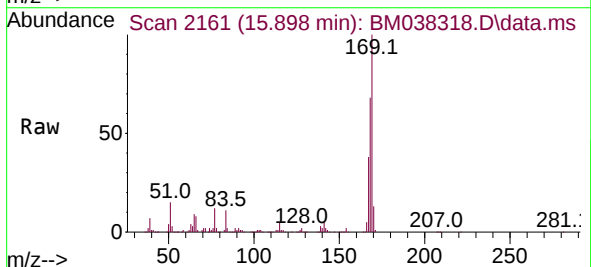
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

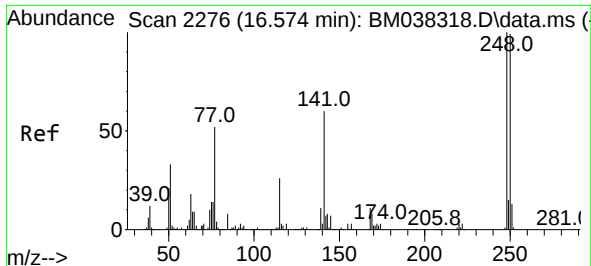
Tgt Ion:198 Resp: 113038
Ion Ratio Lower Upper
198 100
51 46.9 26.9 66.9
105 43.2 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 38.107 ng
RT: 15.898 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:169 Resp: 481719
Ion Ratio Lower Upper
169 100
168 68.5 54.8 82.2
167 37.7 30.2 45.2

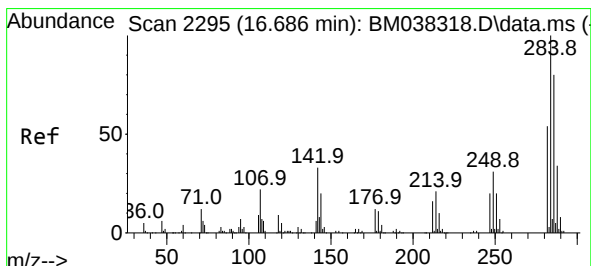
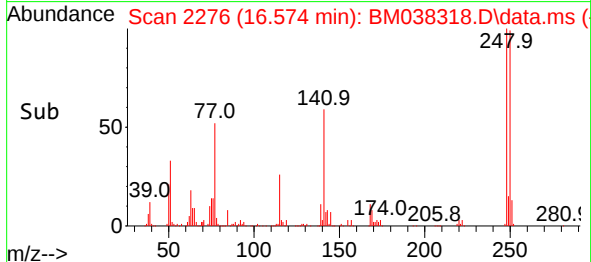
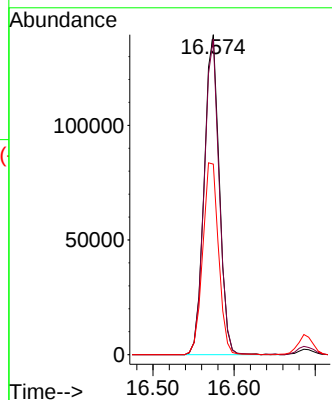
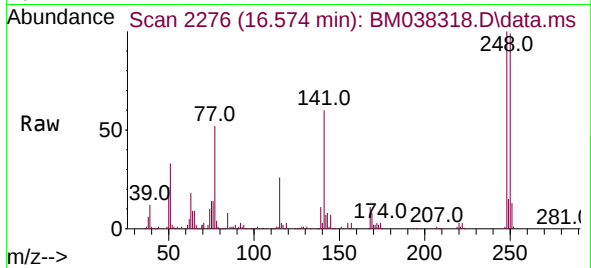




#67
4-Bromophenyl-phenylether
Concen: 41.012 ng
RT: 16.574 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

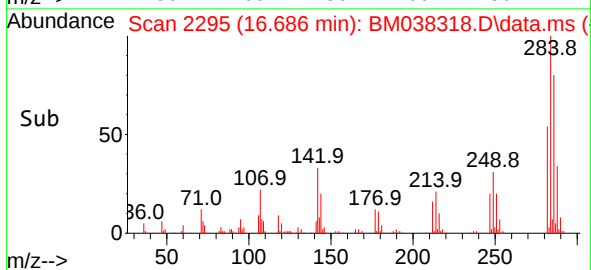
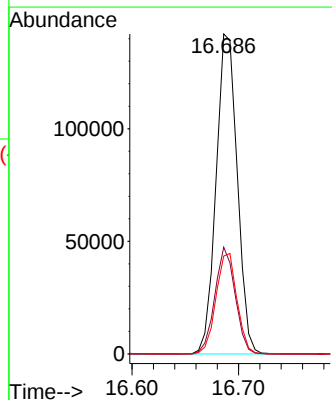
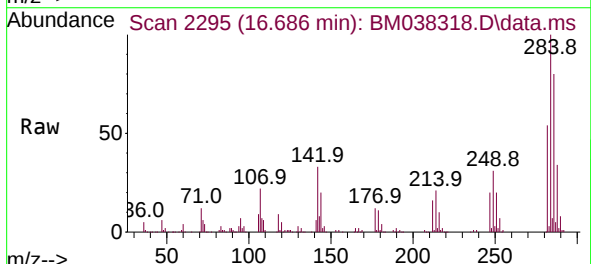
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

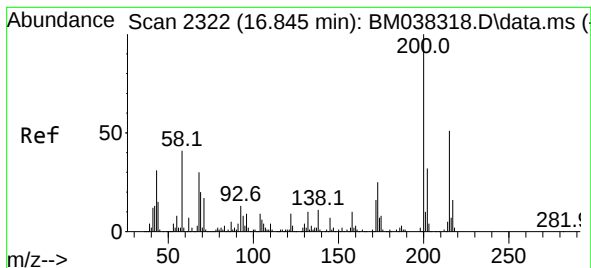
Tgt Ion:248 Resp: 180880
Ion Ratio Lower Upper
248 100
250 98.6 78.9 118.3
141 59.5 47.6 71.4



#68
Hexachlorobenzene
Concen: 35.754 ng
RT: 16.686 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:284 Resp: 196742
Ion Ratio Lower Upper
284 100
142 33.3 26.6 40.0
249 30.6 24.5 36.7





#69

Atrazine

Concen: 47.570 ng

RT: 16.845 min Scan# 2322

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

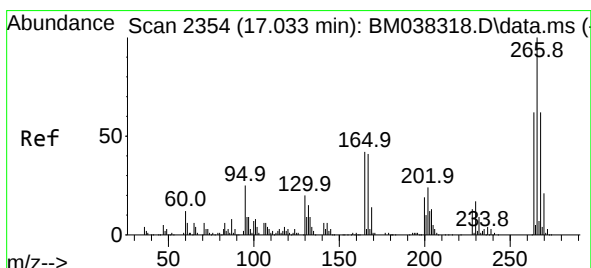
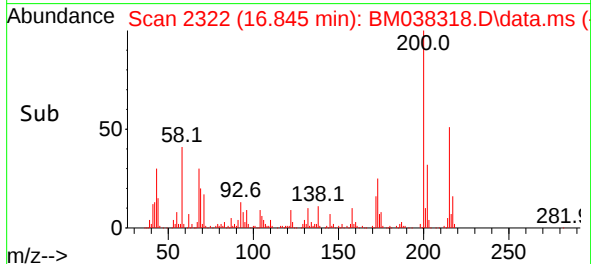
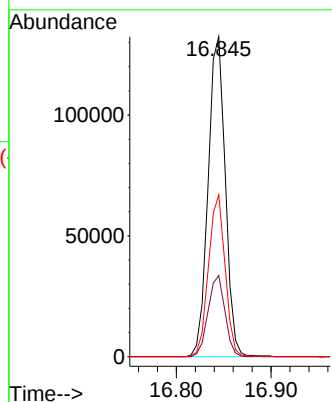
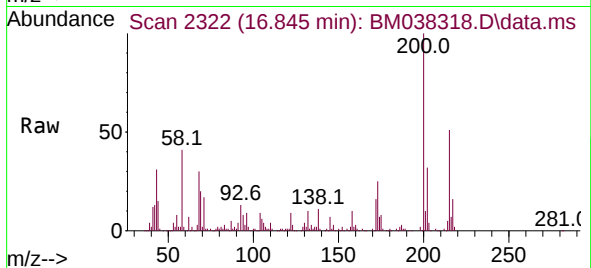
Tgt Ion:200 Resp: 167348

Ion Ratio Lower Upper

200 100

173 25.3 5.3 45.3

215 50.5 30.5 70.5



#70

Pentachlorophenol

Concen: 45.909 ng

RT: 17.033 min Scan# 2354

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

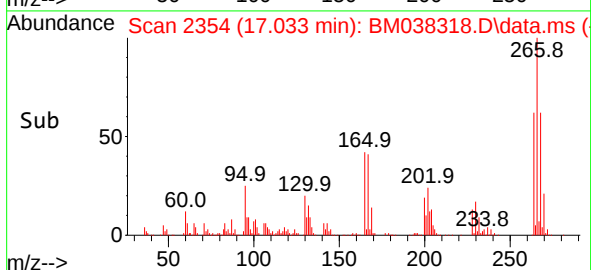
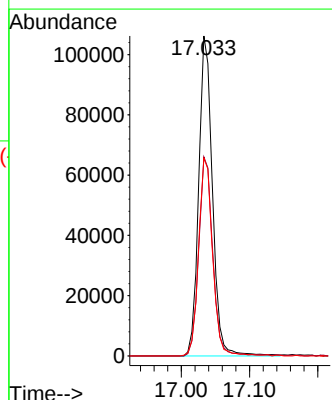
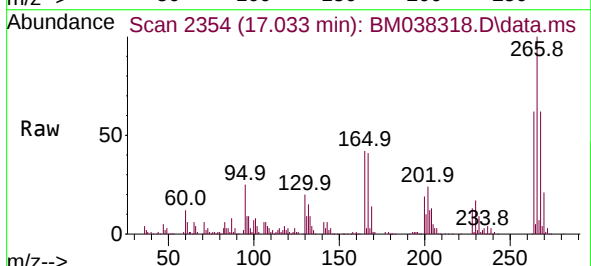
Tgt Ion:266 Resp: 148730

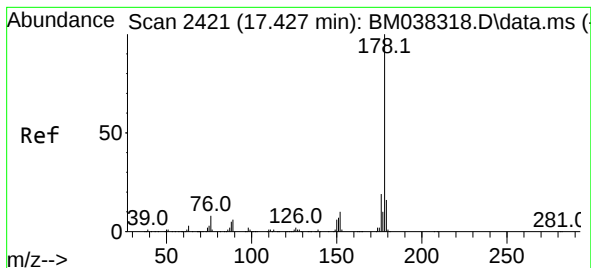
Ion Ratio Lower Upper

266 100

268 62.2 49.8 74.6

264 61.8 49.4 74.2





#71

Phenanthrene

Concen: 36.957 ng

RT: 17.427 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

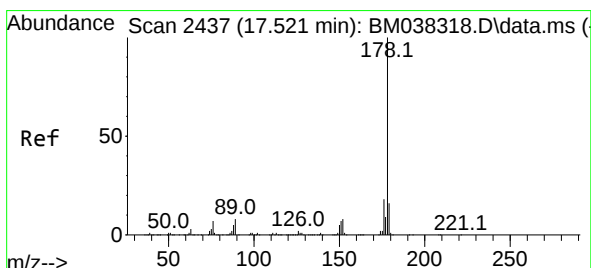
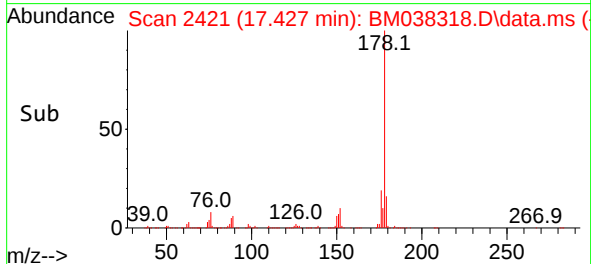
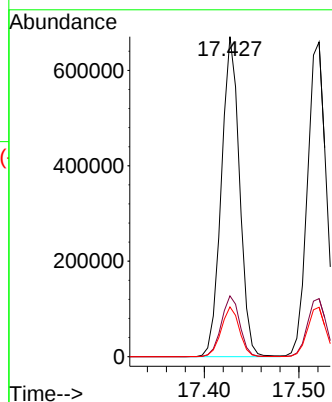
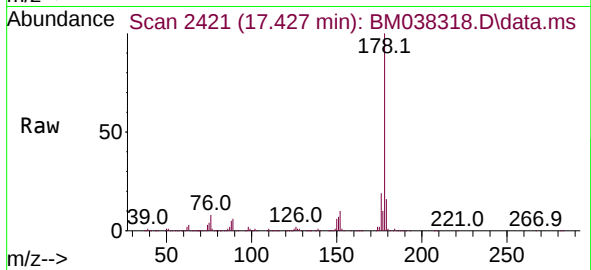
Tgt Ion:178 Resp: 893950

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 39.703 ng

RT: 17.521 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

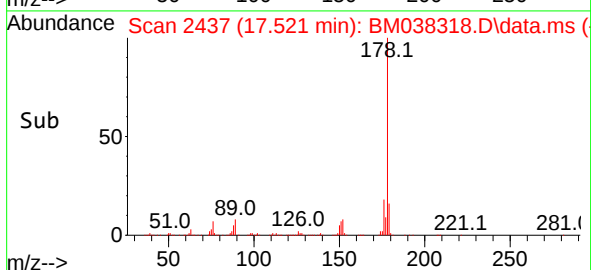
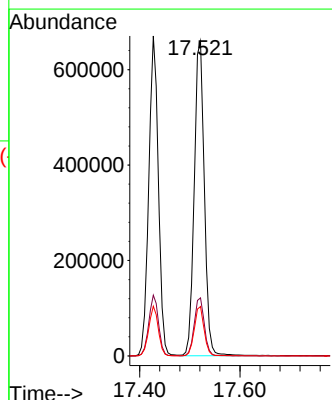
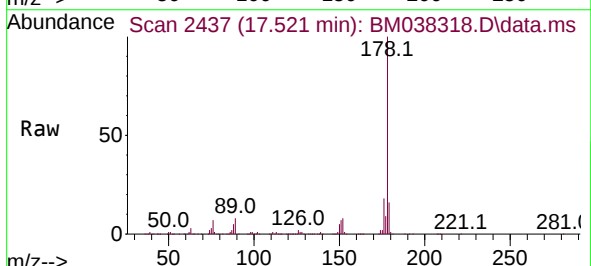
Tgt Ion:178 Resp: 920940

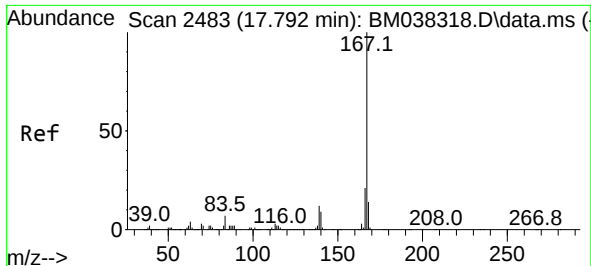
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.7 12.6 18.8

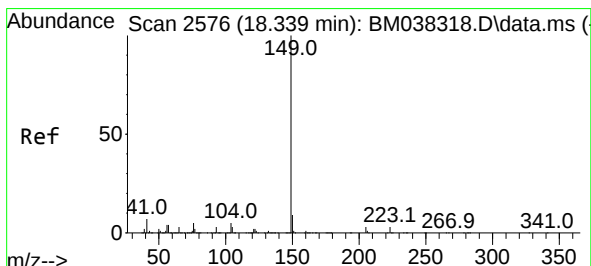
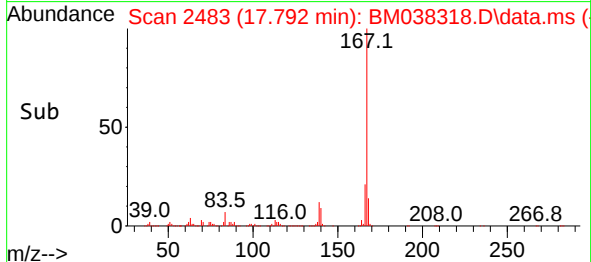
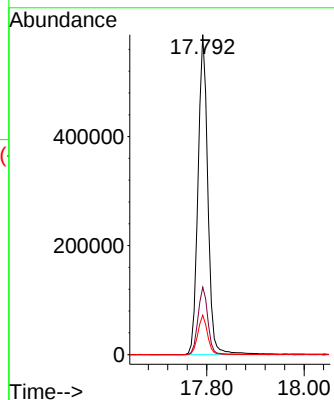
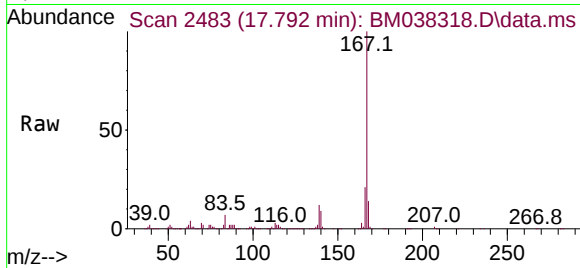




#73
 Carbazole
 Concen: 37.736 ng
 RT: 17.792 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM038318.D
 Acq: 27 Dec 2022 16:20

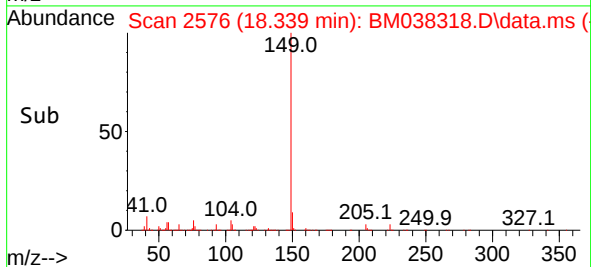
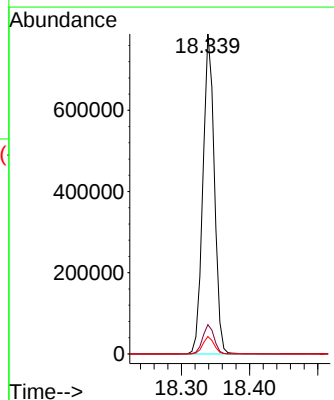
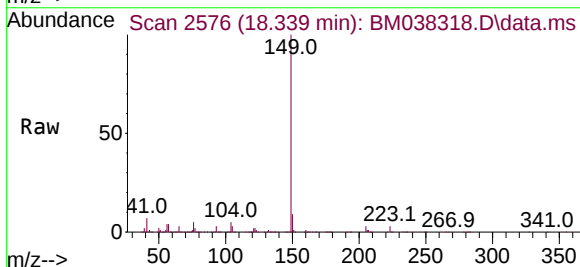
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

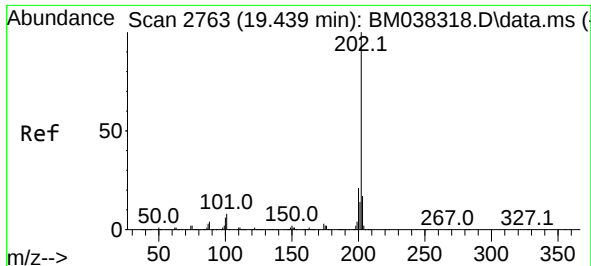
Tgt Ion:167 Resp: 818393
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.3 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 31.854 ng
 RT: 18.339 min Scan# 2576
 Delta R.T. 0.000 min
 Lab File: BM038318.D
 Acq: 27 Dec 2022 16:20

Tgt Ion:149 Resp: 919443
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.4 4.3 6.5

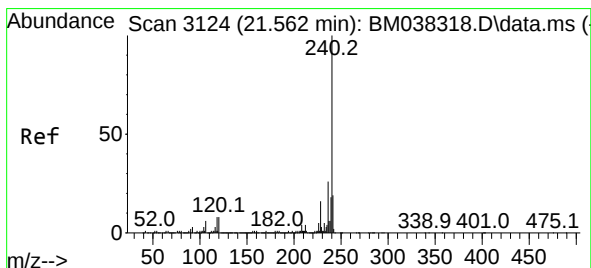
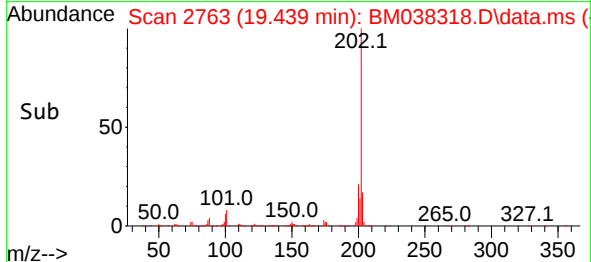
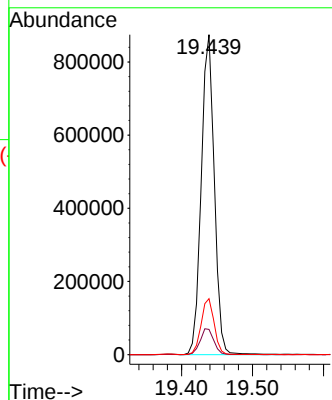
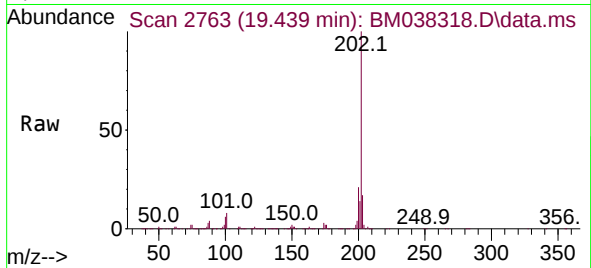




#75
Fluoranthene
Concen: 38.552 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

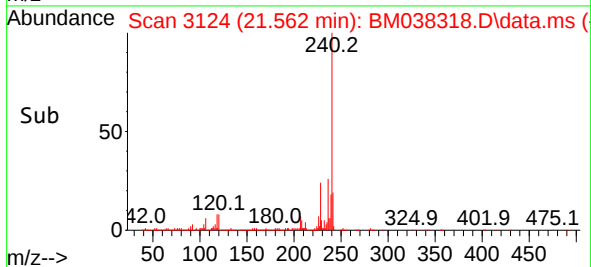
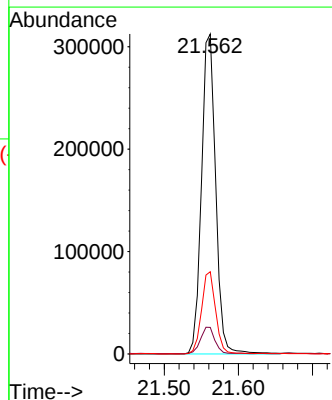
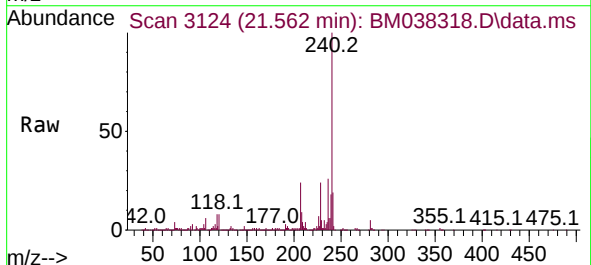
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

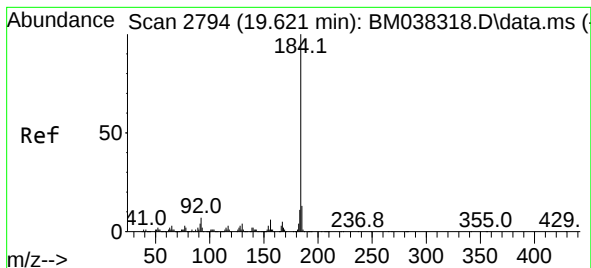
Tgt Ion:202 Resp: 1111557
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:240 Resp: 414493
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.7 20.6 30.8





#77

Benzidine

Concen: 87.386 ng

RT: 19.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

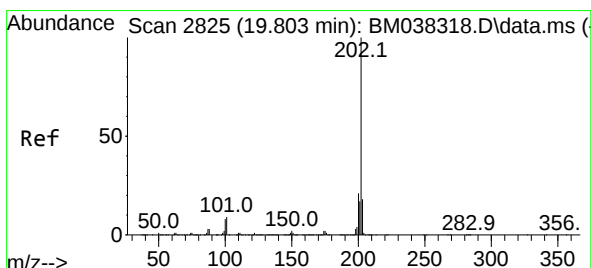
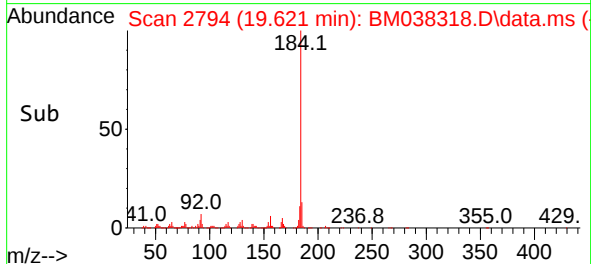
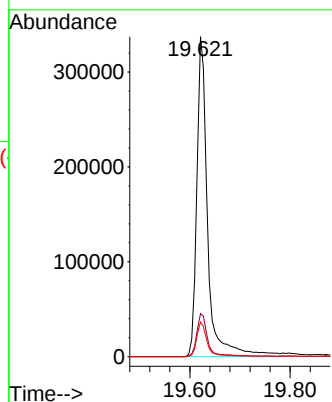
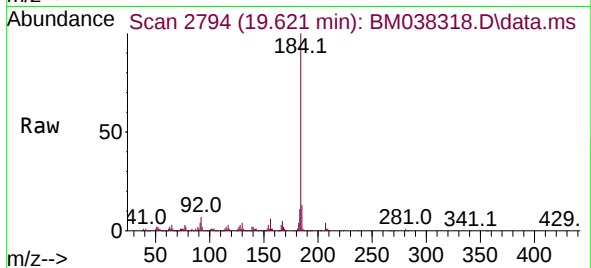
Tgt Ion:184 Resp: 506717

Ion Ratio Lower Upper

184 100

185 13.4 10.7 16.1

183 10.8 8.6 13.0



#78

Pyrene

Concen: 43.516 ng

RT: 19.803 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

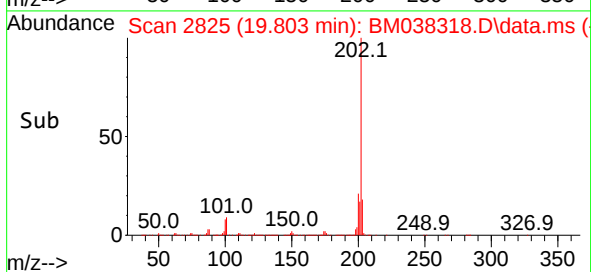
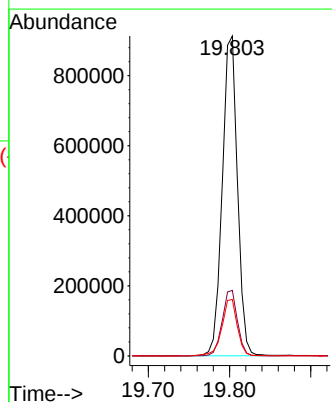
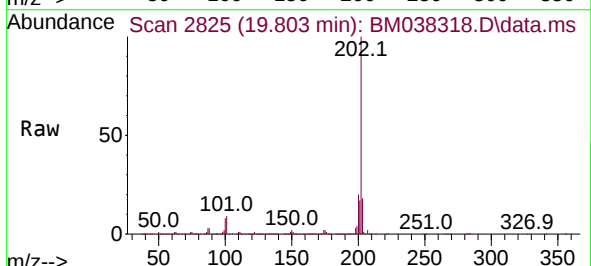
Tgt Ion:202 Resp: 1182878

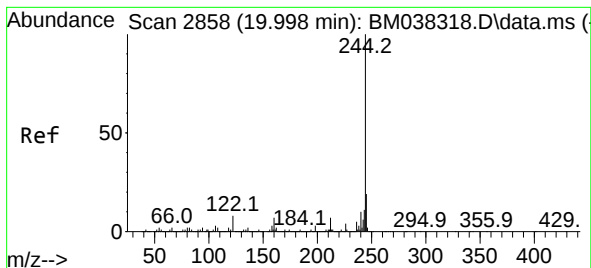
Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 87.992 ng

RT: 19.998 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

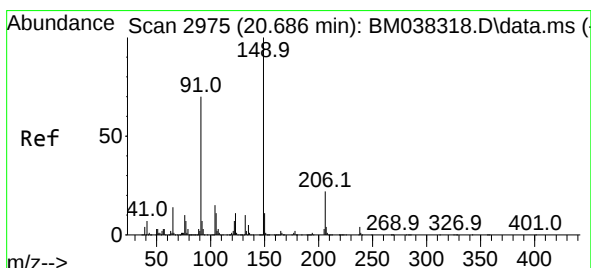
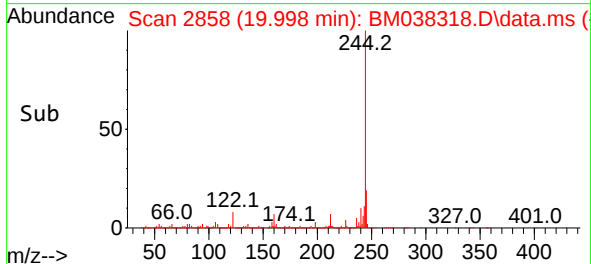
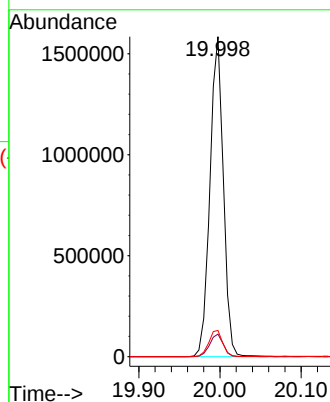
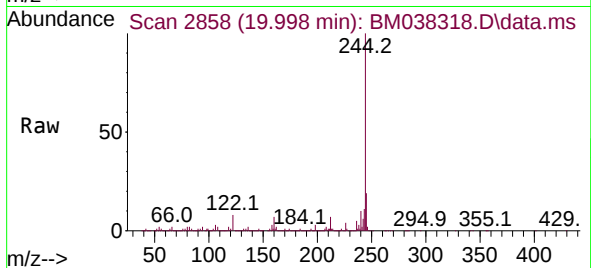
Tgt Ion:244 Resp: 1826203

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 8.2 6.6 9.8



#80

Butylbenzylphthalate

Concen: 36.947 ng

RT: 20.686 min Scan# 2975

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

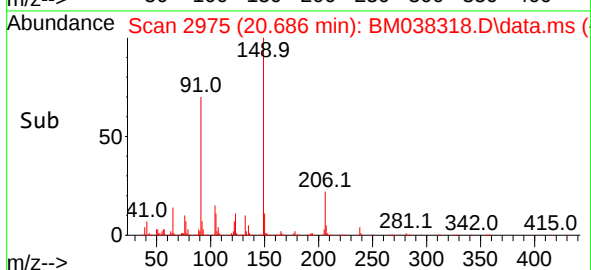
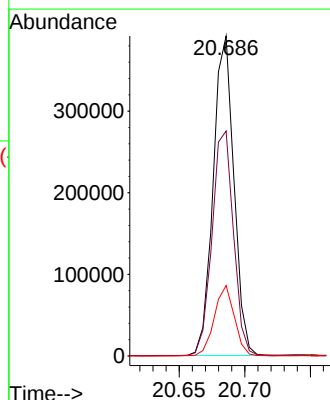
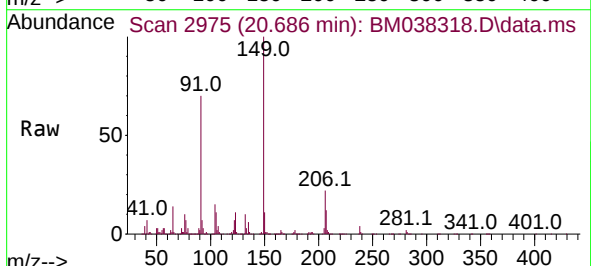
Tgt Ion:149 Resp: 431772

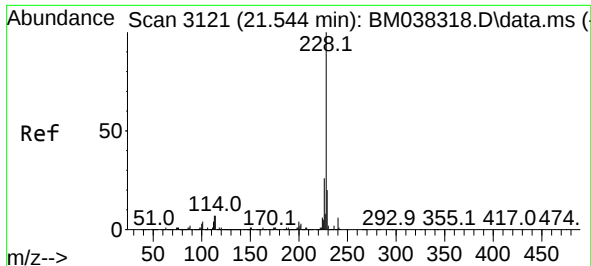
Ion Ratio Lower Upper

149 100

91 70.3 56.2 84.4

206 22.0 17.6 26.4

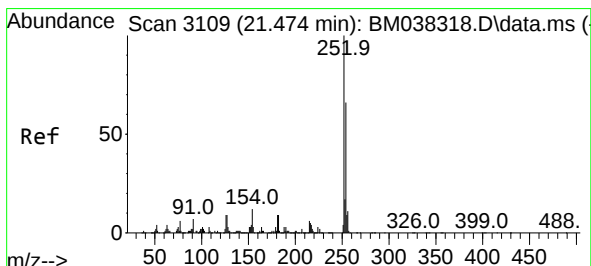
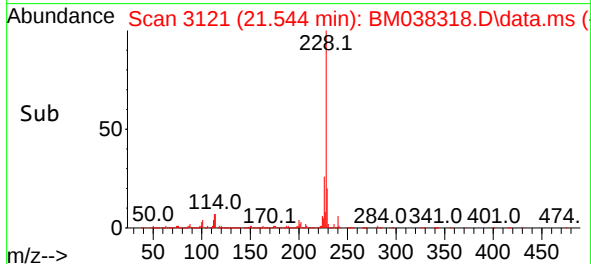
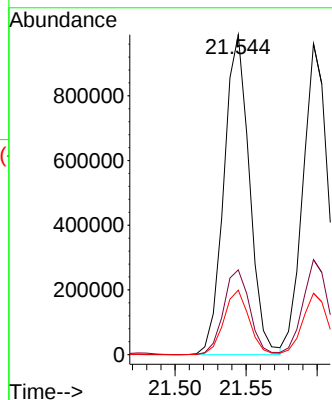
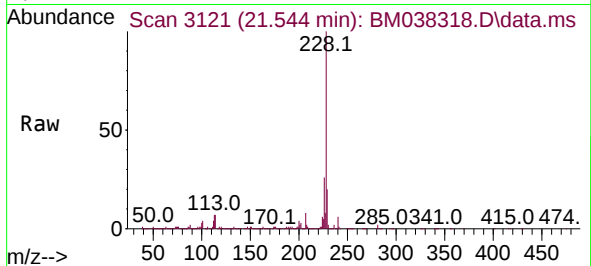




#81
Benzo(a)anthracene
Concen: 42.525 ng
RT: 21.544 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

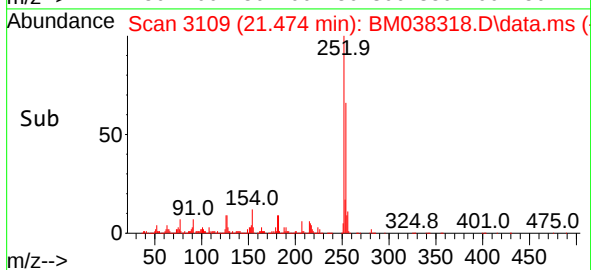
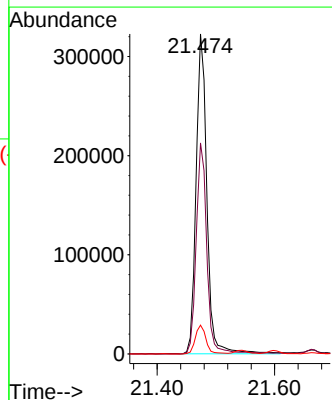
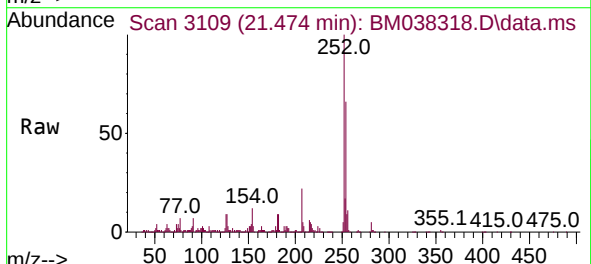
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

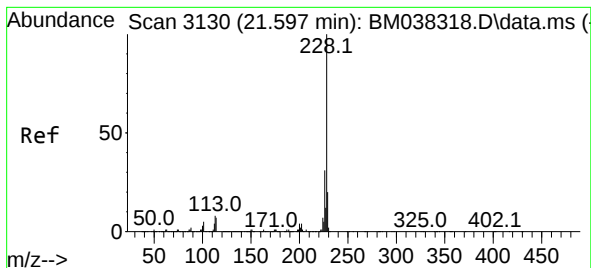
Tgt Ion:228 Resp: 1235580
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 43.599 ng
RT: 21.474 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM038318.D
Acq: 27 Dec 2022 16:20

Tgt Ion:252 Resp: 411590
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 9.0 7.2 10.8





#83

Chrysene

Concen: 42.516 ng

RT: 21.597 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

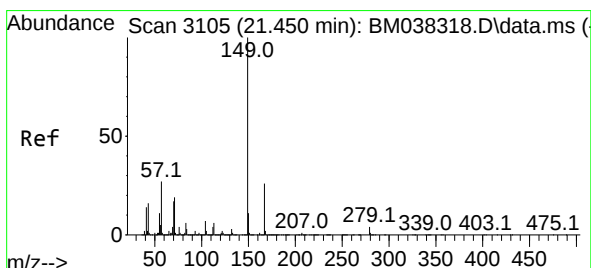
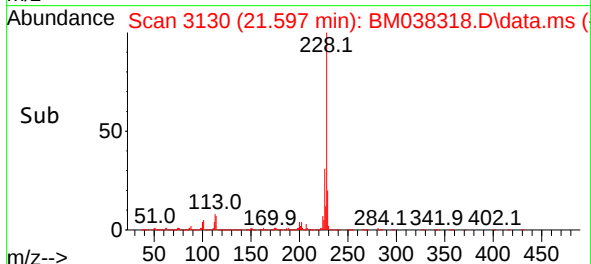
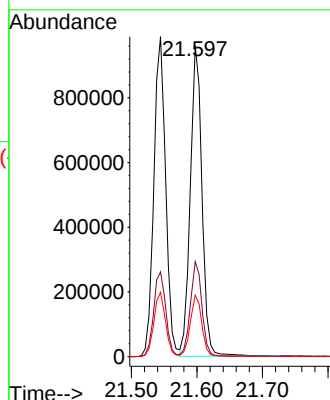
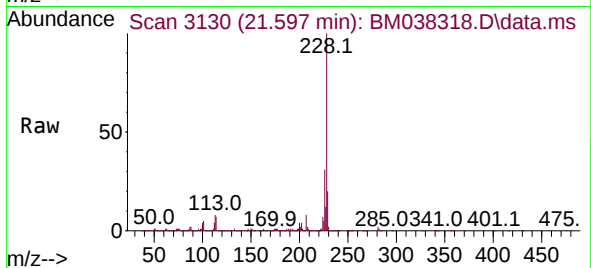
Tgt Ion:228 Resp: 1192620

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.095 ng

RT: 21.450 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

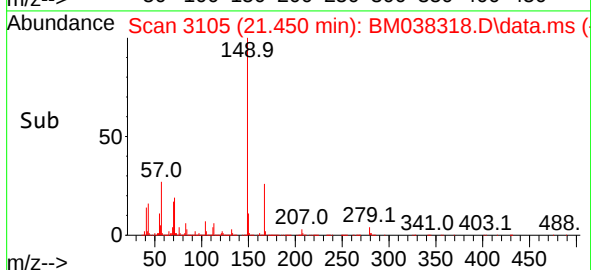
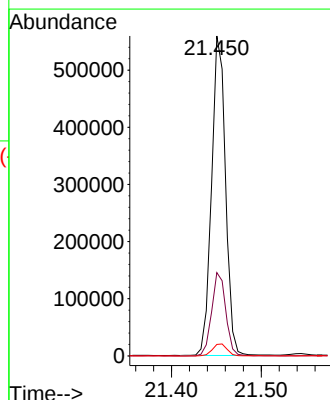
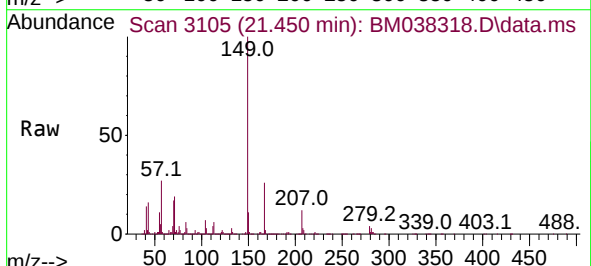
Tgt Ion:149 Resp: 604223

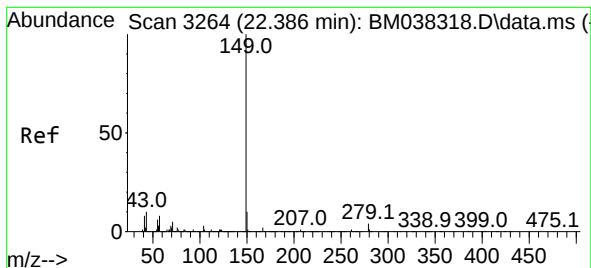
Ion Ratio Lower Upper

149 100

167 26.0 20.8 31.2

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 35.824 ng

RT: 22.386 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

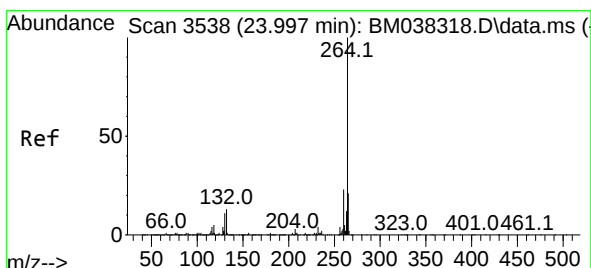
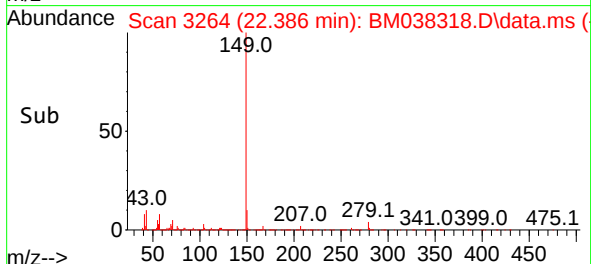
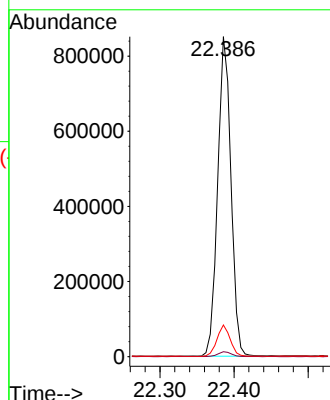
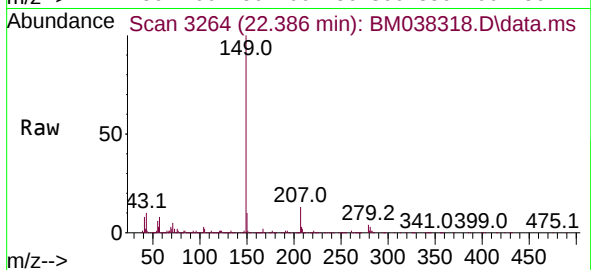
Tgt Ion:149 Resp: 1058464

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.997 min Scan# 3538

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

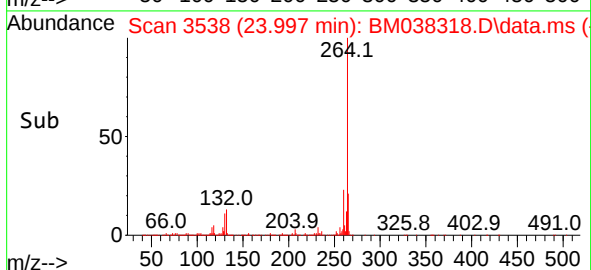
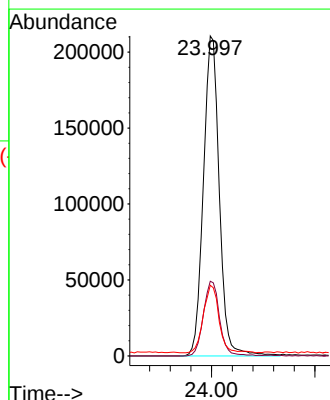
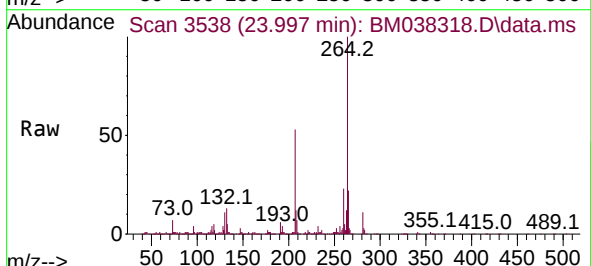
Tgt Ion:264 Resp: 449734

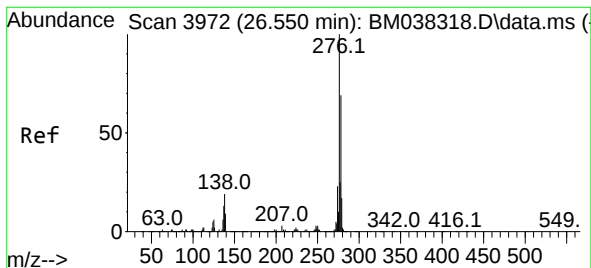
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.866 ng

RT: 26.550 min Scan# 3972

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

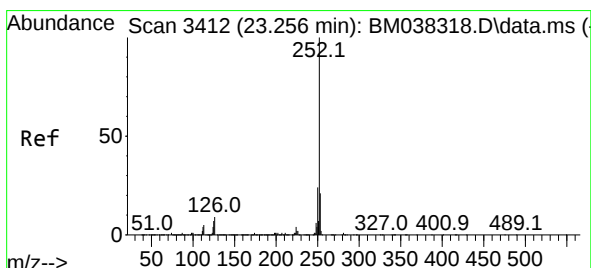
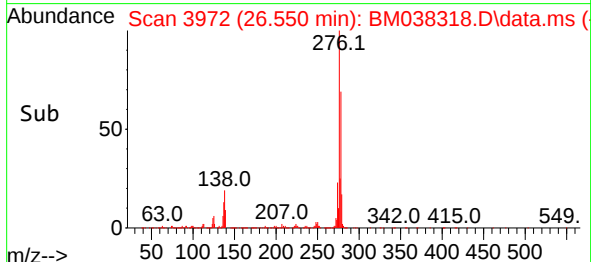
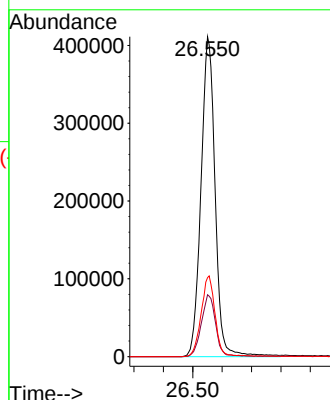
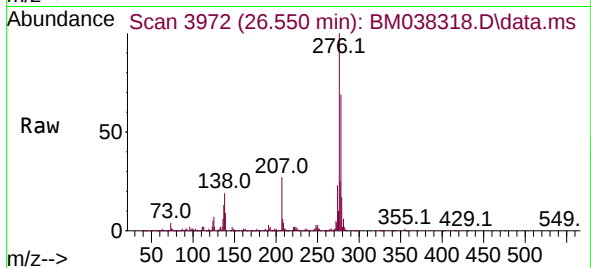
Tgt Ion:276 Resp: 1369361

Ion Ratio Lower Upper

276 100

138 19.4 15.6 23.4

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.061 ng

RT: 23.256 min Scan# 3412

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

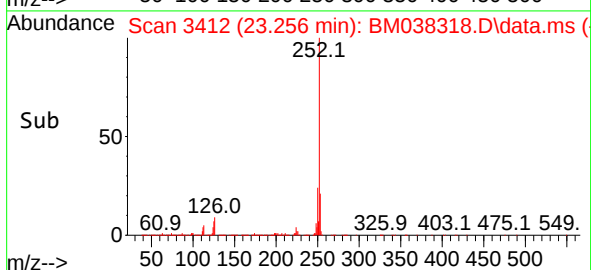
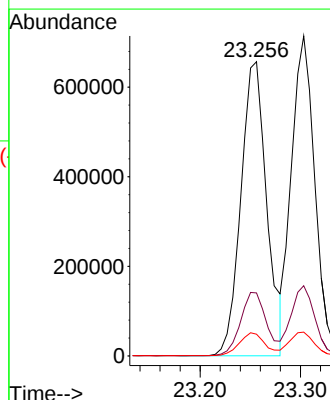
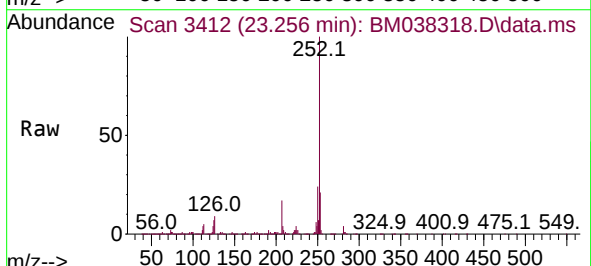
Tgt Ion:252 Resp: 1177920

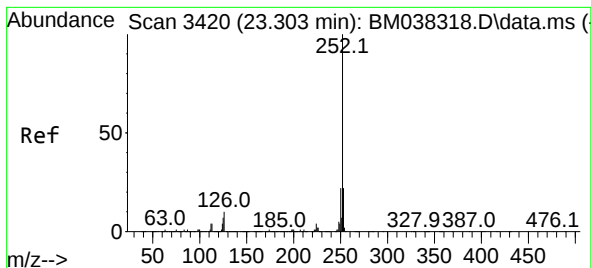
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 38.398 ng

RT: 23.303 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

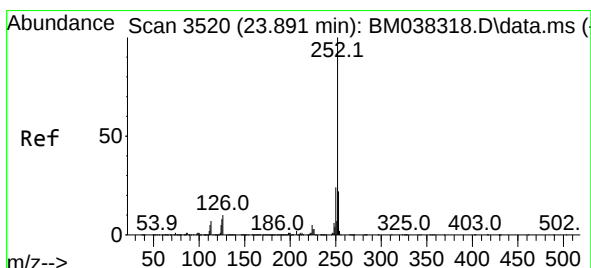
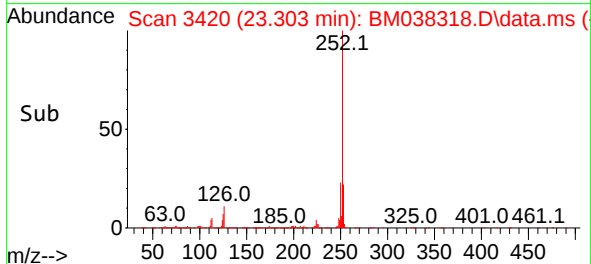
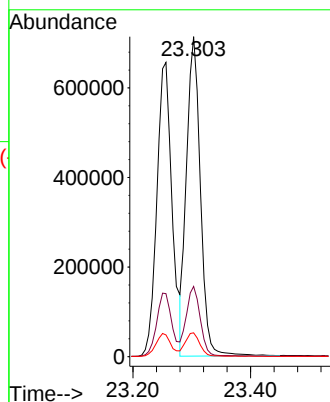
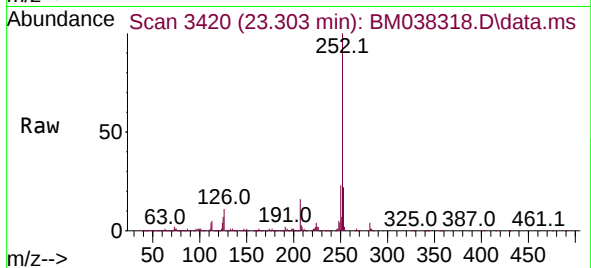
Tgt Ion:252 Resp: 1174417

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.289 ng

RT: 23.891 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

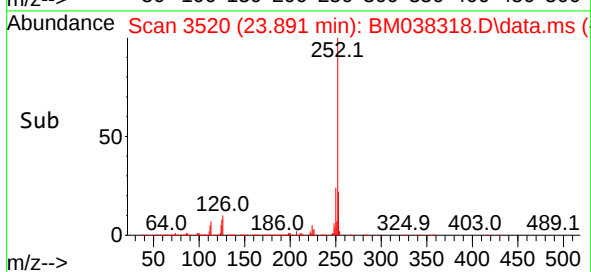
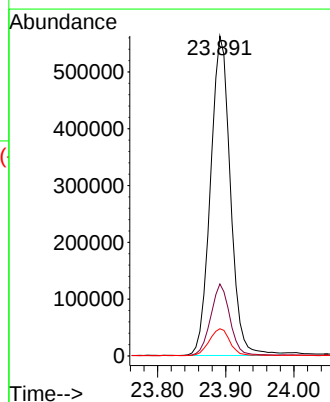
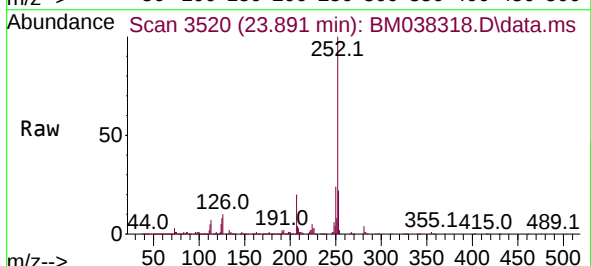
Tgt Ion:252 Resp: 1138032

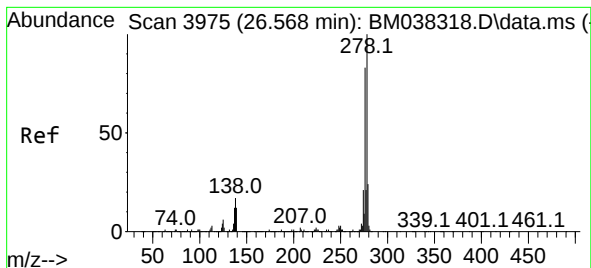
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 8.5 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 36.701 ng

RT: 26.568 min Scan# 3975

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

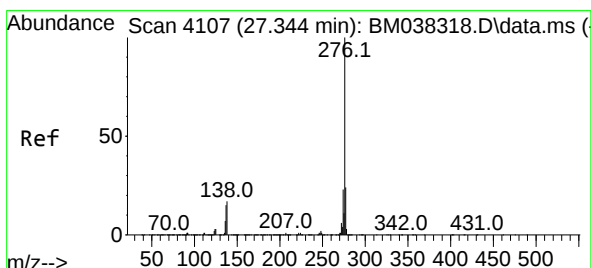
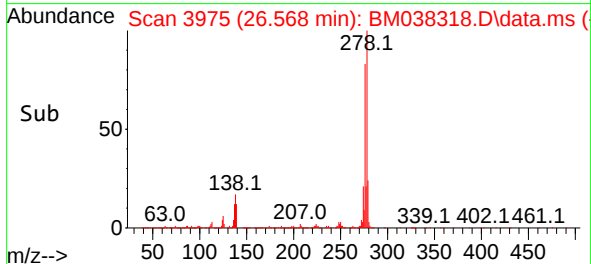
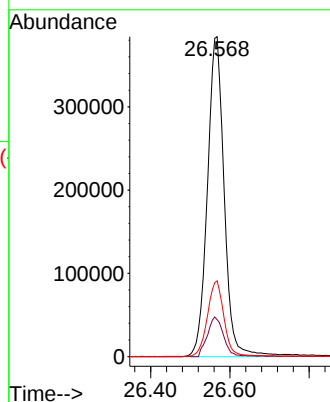
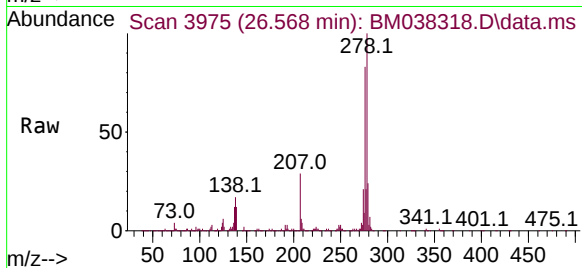
Tgt Ion:278 Resp: 1129197

Ion Ratio Lower Upper

278 100

139 11.5 9.2 13.8

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 38.092 ng

RT: 27.344 min Scan# 4107

Delta R.T. 0.000 min

Lab File: BM038318.D

Acq: 27 Dec 2022 16:20

Tgt Ion:276 Resp: 1134012

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 17.1 13.7 20.5

