

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040144.D
 Acq On : 07 Jun 2023 16:45
 Operator : MA/JU
 Sample : 03036-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

Quant Time: Jun 07 17:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	228626	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1066500	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	650748	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1406087	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1486939	20.000	ng	0.00
86) Perylene-d12	23.986	264	1298090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2501376	167.826	ng	0.00
7) Phenol-d6	7.151	99	3168378	162.961	ng	0.00
23) Nitrobenzene-d5	9.163	82	1955945	98.962	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1715572	203.118	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4939157	89.523	ng	0.00
79) Terphenyl-d14	19.992	244	9419331	98.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	260917	43.348	ng	# 70
3) Pyridine	3.816	79	769112	46.540	ng	99
4) n-Nitrosodimethylamine	3.722	42	345256	49.177	ng	99
6) Aniline	7.316	93	802160	33.343	ng	100
8) 2-Chlorophenol	7.551	128	902453	57.522	ng	99
9) Benzaldehyde	7.122	77	173081	18.415	ng	98
10) Phenol	7.181	94	1147515	58.880	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	851068	53.019	ng	99
12) 1,3-Dichlorobenzene	7.881	146	820170	49.367	ng	99
13) 1,4-Dichlorobenzene	8.028	146	846637	50.086	ng	100
14) 1,2-Dichlorobenzene	8.345	146	829521	50.046	ng	99
15) Benzyl Alcohol	8.234	79	811990	64.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1113209	54.062	ng	99
17) 2-Methylphenol	8.434	107	814323	58.402	ng	100
18) Hexachloroethane	9.081	117	305917	49.919	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	699073	62.079	ng	98
20) 3+4-Methylphenols	8.769	107	1110982	60.381	ng	98
22) Acetophenone	8.822	105	1463348	50.835	ng	99
24) Nitrobenzene	9.204	77	1000810	49.920	ng	99
25) Isophorone	9.734	82	1965070	54.519	ng	100
26) 2-Nitrophenol	9.916	139	433854	61.156	ng	99
27) 2,4-Dimethylphenol	9.975	122	957926	59.285	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1233775	52.210	ng	100
29) 2,4-Dichlorophenol	10.451	162	878678	57.397	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	753780	44.975	ng	98
31) Naphthalene	10.857	128	2839461	48.254	ng	100
32) Benzoic acid	10.116	122	549140	50.035	ng	98
33) 4-Chloroaniline	10.969	127	212064	8.552	ng	98
34) Hexachlorobutadiene	11.145	225	372365	39.583	ng	99
35) Caprolactam	11.757	113	118688	27.456	ng	96
36) 4-Chloro-3-methylphenol	12.086	107	1035503	65.441	ng	96
37) 2-Methylnaphthalene	12.463	142	2016923	51.422	ng	100
38) 1-Methylnaphthalene	12.680	142	1906554	51.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	893662	43.419	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1132936	106.405	ng	100
43) 2,4,6-Trichlorophenol	13.063	196	652688	52.246	ng	99

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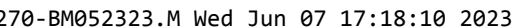
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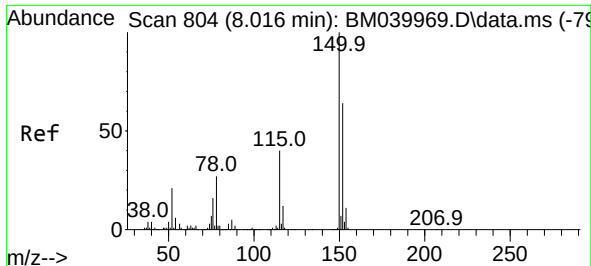
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	751576	50.545	ng	99
46) 1,1'-Biphenyl	13.469	154	2771491	49.745	ng	100
47) 2-Chloronaphthalene	13.510	162	2072231	49.828	ng	99
48) 2-Nitroaniline	13.716	65	673425	59.216	ng	99
49) Acenaphthylene	14.357	152	3456903	53.098	ng	100
50) Dimethylphthalate	14.092	163	2667408	54.375	ng	100
51) 2,6-Dinitrotoluene	14.210	165	552580	58.883	ng	100
52) Acenaphthene	14.698	154	2121248	49.866	ng	99
53) 3-Nitroaniline	14.533	138	369030	33.241	ng	95
54) 2,4-Dinitrophenol	14.739	184	681992	125.501	ng	96
55) Dibenzofuran	15.027	168	3393332	54.037	ng	99
56) 4-Nitrophenol	14.839	139	1221337	142.221	ng	99
57) 2,4-Dinitrotoluene	14.992	165	799596	58.304	ng	98
58) Fluorene	15.674	166	3006824	57.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	657411	59.451	ng	96
60) Diethylphthalate	15.451	149	2888037	59.561	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1381154	54.078	ng	99
62) 4-Nitroaniline	15.704	138	735793	63.641	ng	98
63) Azobenzene	15.963	77	2916329	60.326	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	418697	53.040	ng	96
66) n-Nitrosodiphenylamine	15.886	169	2401850	49.672	ng	100
67) 4-Bromophenyl-phenylether	16.563	248	732469	47.145	ng	100
68) Hexachlorobenzene	16.680	284	889896	50.121	ng	96
69) Atrazine	16.833	200	526768	43.797	ng	98
70) Pentachlorophenol	17.021	266	1297628	111.333	ng	98
71) Phenanthrene	17.415	178	4429246	52.664	ng	99
72) Anthracene	17.509	178	4489831	53.880	ng	99
73) Carbazole	17.774	167	4373435	58.091	ng	100
74) Di-n-butylphthalate	18.339	149	5060655	52.229	ng	100
75) Fluoranthene	19.427	202	4852216	57.885	ng	99
77) Benzidine	19.609	184	455115	19.710	ng	100
78) Pyrene	19.792	202	5244059	48.062	ng	100
80) Butylbenzylphthalate	20.680	149	2280904	50.548	ng	95
81) Benzo(a)anthracene	21.533	228	5441073	51.690	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	836534	26.604	ng	99
83) Chrysene	21.592	228	4995567	49.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3500988	48.893	ng	99
85) Di-n-octyl phthalate	22.392	149	5657595	51.046	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	4890186	47.372	ng	99
88) Benzo(b)fluoranthene	23.244	252	4853181	58.395	ng	99
89) Benzo(k)fluoranthene	23.297	252	5136366	56.520	ng	99
90) Benzo(a)pyrene	23.880	252	3940037	49.434	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	4301847	48.269	ng	99
92) Benzo(g,h,i)perylene	27.315	276	3462101	43.954	ng	100

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

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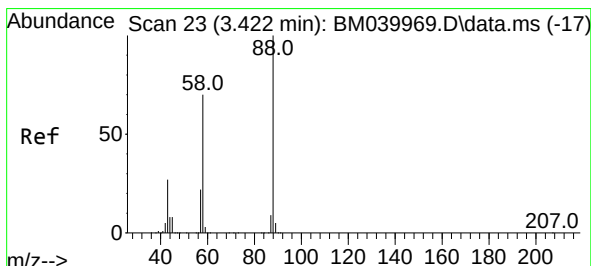
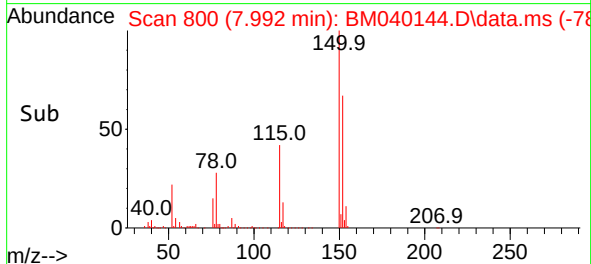
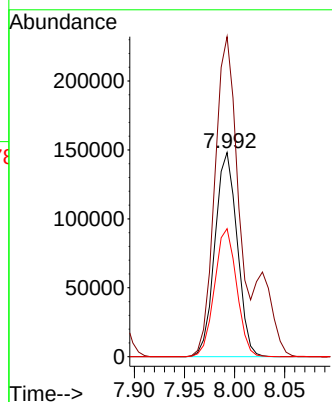
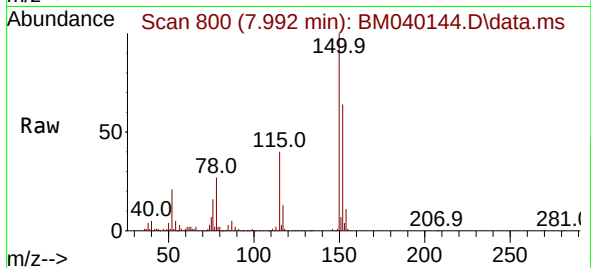




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040144.D
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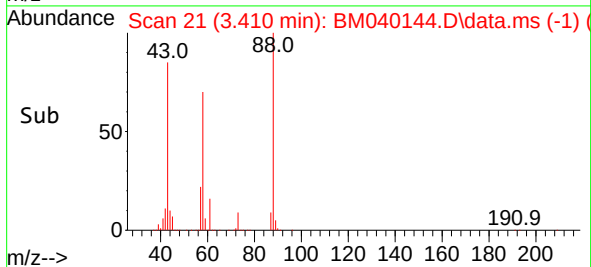
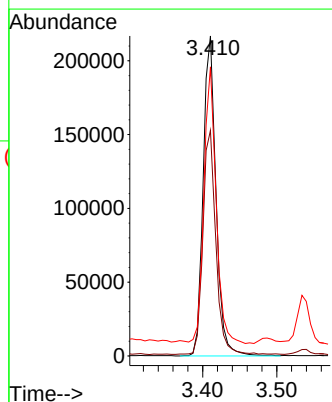
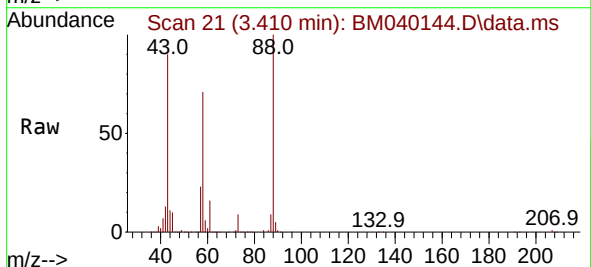
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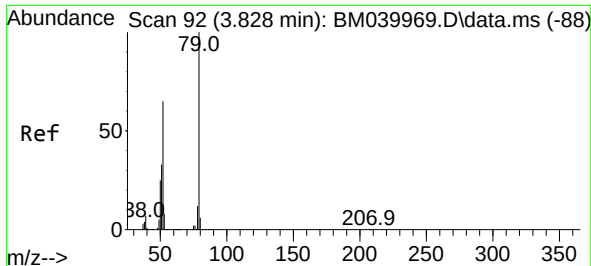
Tgt Ion:152 Resp: 228626
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 62.7 50.2 75.2



#2
1,4-Dioxane
Concen: 43.348 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 88 Resp: 260917
Ion Ratio Lower Upper
88 100
58 70.7 56.1 84.1
43 82.3 22.0 33.0

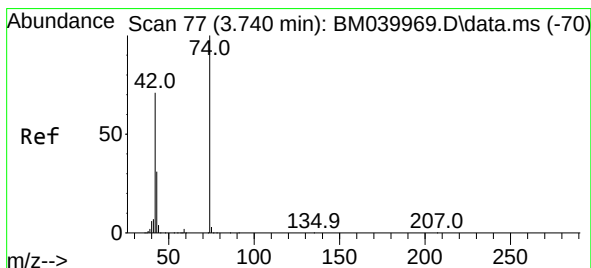
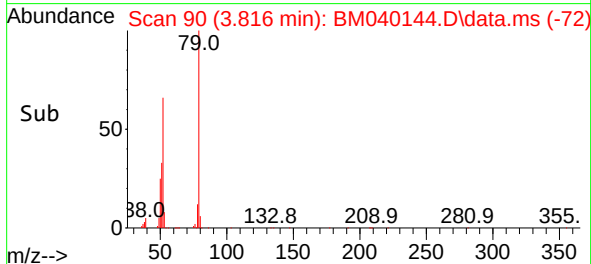
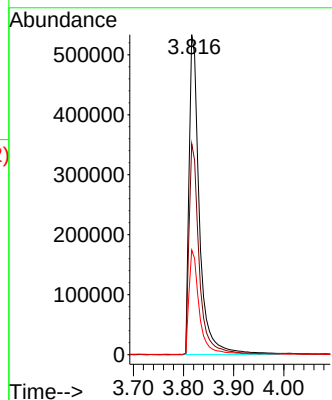
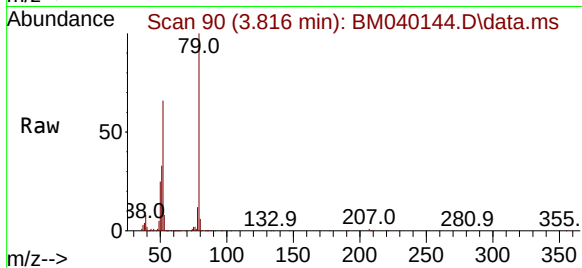




#3
 Pyridine
 Concen: 46.540 ng
 RT: 3.816 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

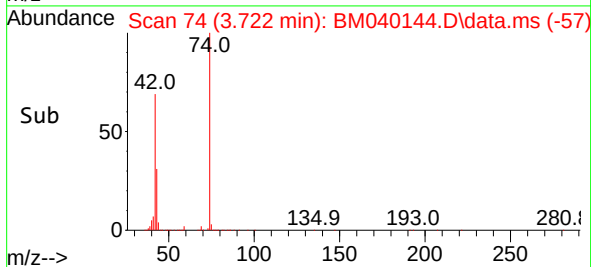
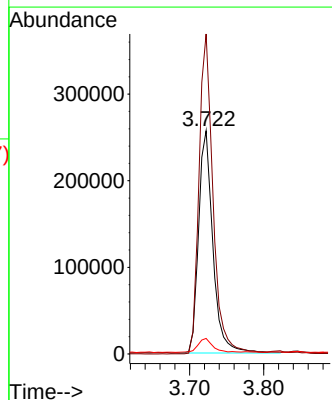
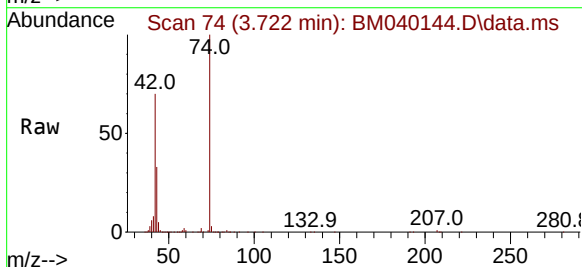
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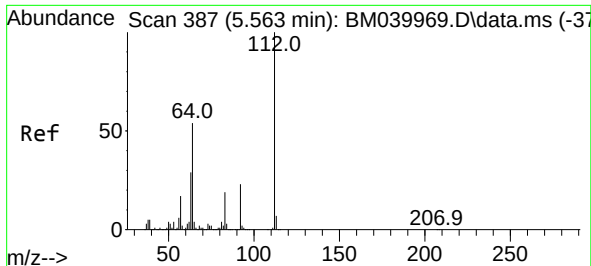
Tgt Ion: 79 Resp: 769112
 Ion Ratio Lower Upper
 79 100
 52 65.9 52.0 78.0
 51 32.7 26.5 39.7



#4
 n-Nitrosodimethylamine
 Concen: 49.177 ng
 RT: 3.722 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

Tgt Ion: 42 Resp: 345256
 Ion Ratio Lower Upper
 42 100
 74 143.4 113.4 170.0
 44 7.0 5.4 8.2

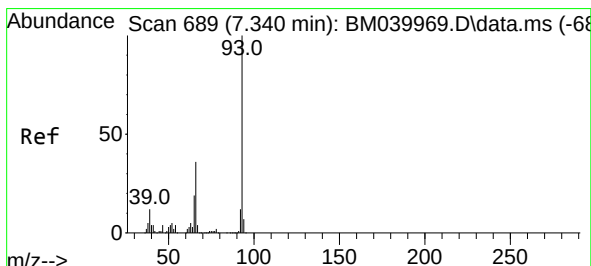
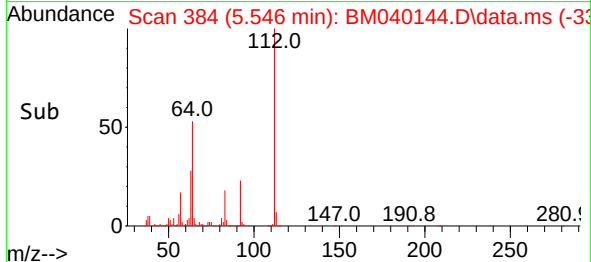
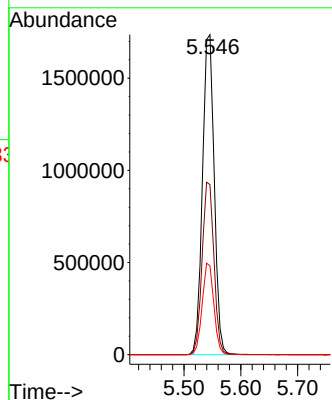
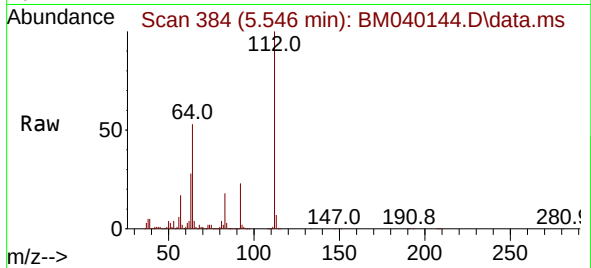




#5
2-Fluorophenol
Concen: 167.826 ng
RT: 5.546 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

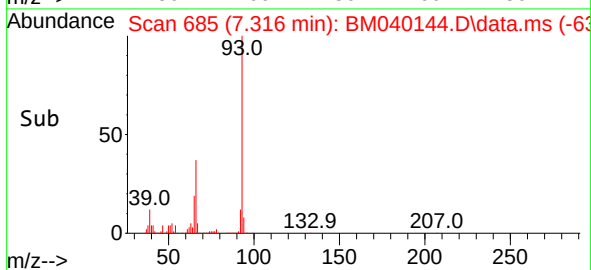
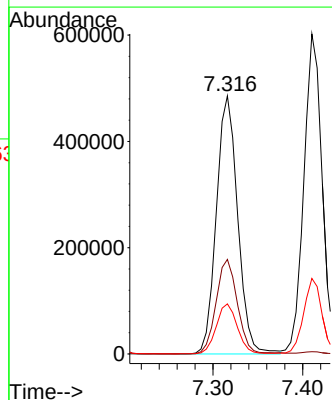
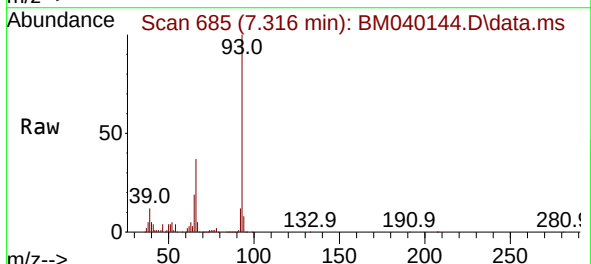
Instrument :
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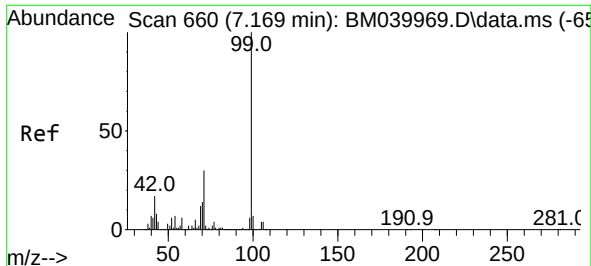
Tgt Ion:112 Resp: 2501376
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 27.8 22.9 34.3



#6
Aniline
Concen: 33.343 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 93 Resp: 802160
Ion Ratio Lower Upper
93 100
66 36.6 29.2 43.8
65 19.4 15.3 22.9

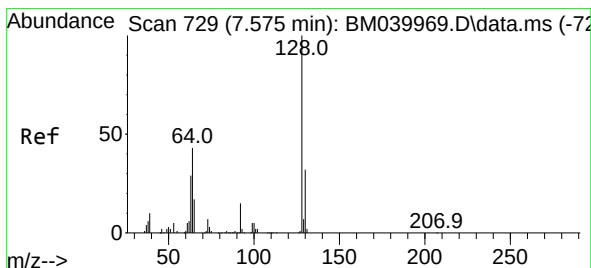
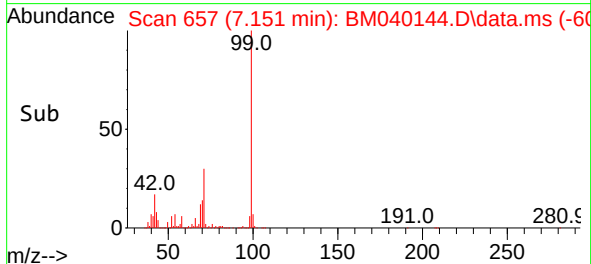
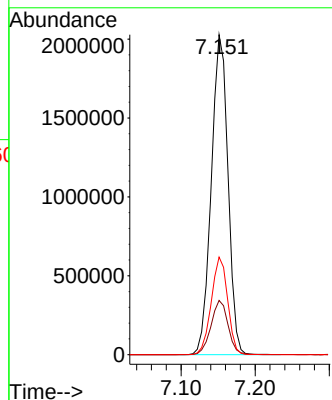
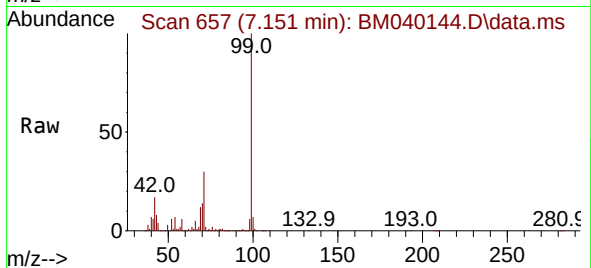




#7
Phenol-d6
Concen: 162.961 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

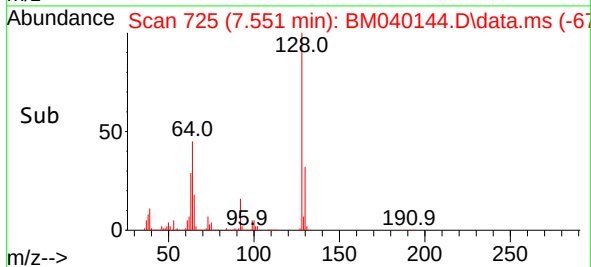
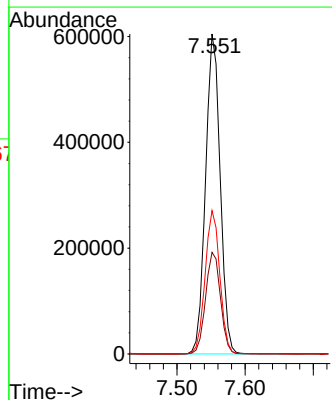
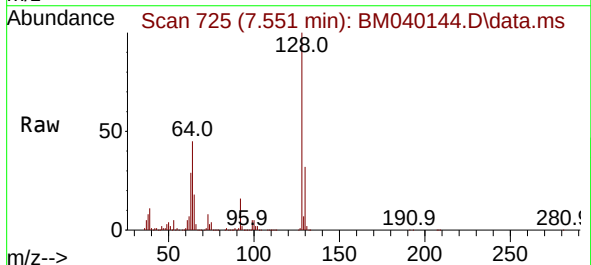
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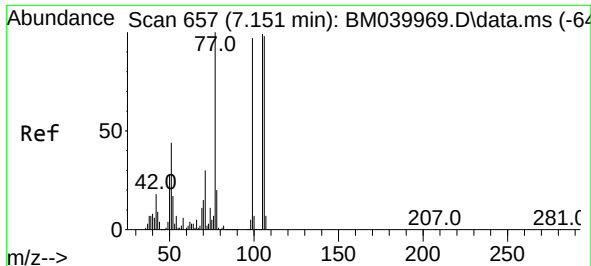
Tgt Ion: 99 Resp: 3168378
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 30.5 24.4 36.6



#8
2-Chlorophenol
Concen: 57.522 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 128 Resp: 902453
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 44.8 25.5 65.5

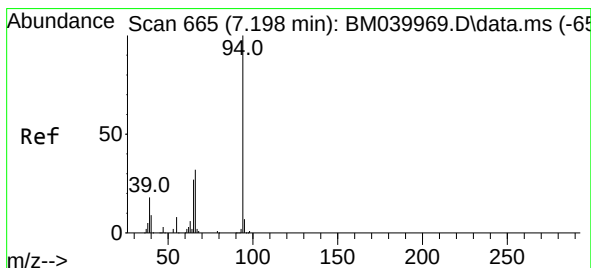
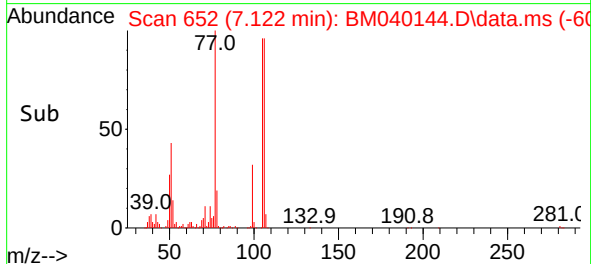
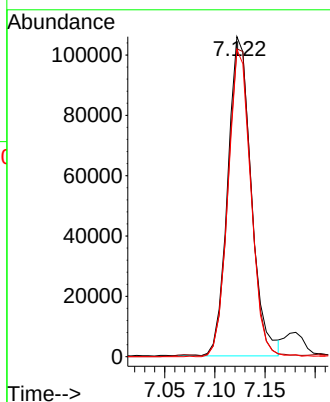
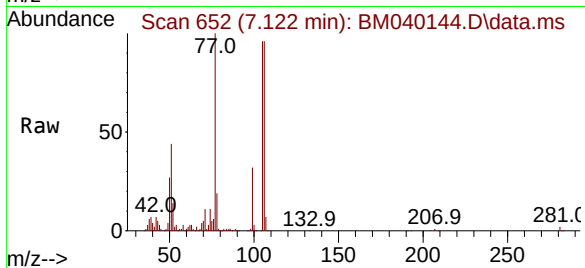




#9
Benzaldehyde
Concen: 18.415 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

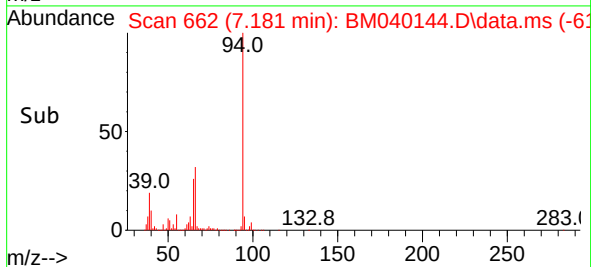
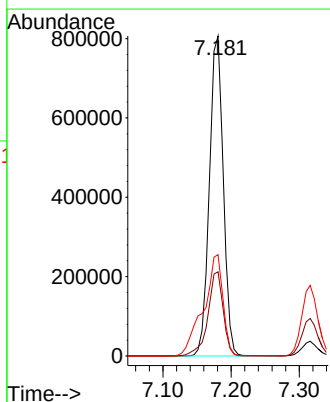
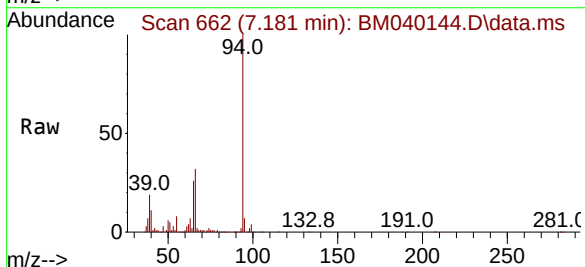
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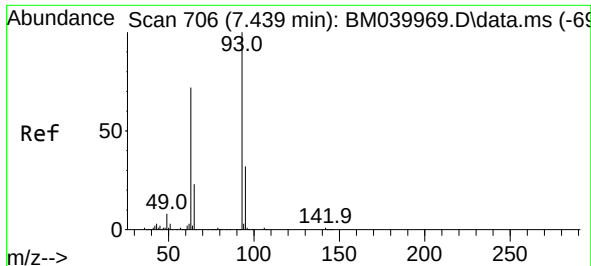
Tgt Ion: 77 Resp: 173081
Ion Ratio Lower Upper
77 100
105 96.2 79.2 119.2
106 96.0 77.6 117.6



#10
Phenol
Concen: 58.880 ng
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 94 Resp: 1147515
Ion Ratio Lower Upper
94 100
65 26.3 6.7 46.7
66 31.6 12.4 52.4

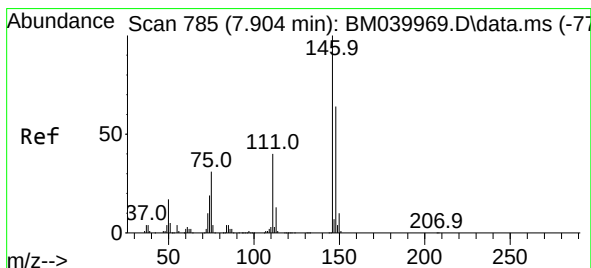
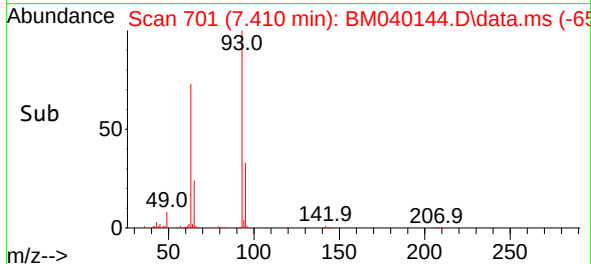
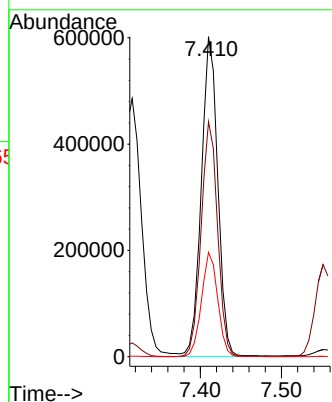
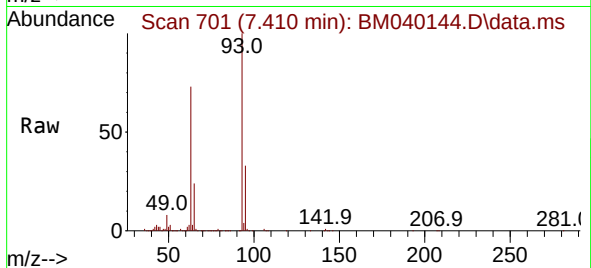




#11
bis(2-Chloroethyl)ether
Concen: 53.019 ng
RT: 7.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

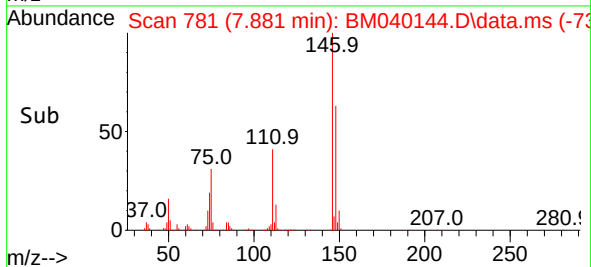
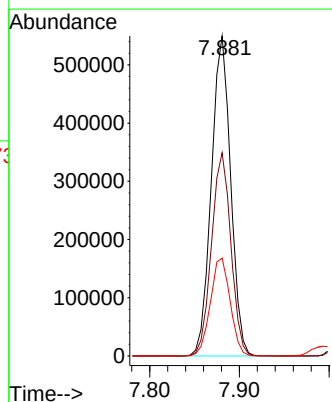
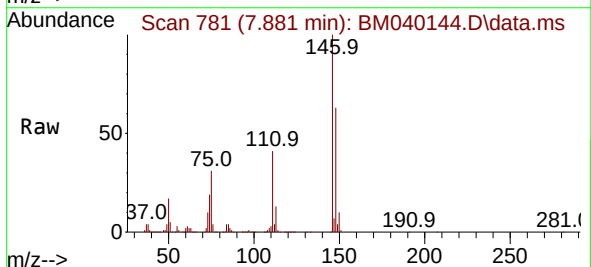
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

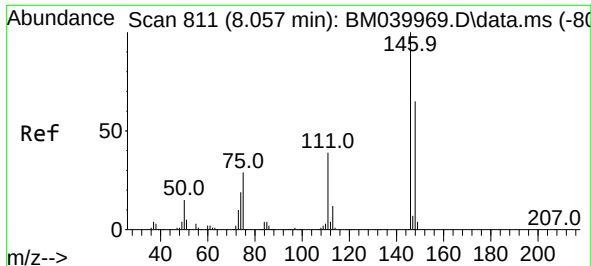
Tgt Ion: 93 Resp: 851068
Ion Ratio Lower Upper
93 100
63 73.4 52.0 92.0
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.367 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:146 Resp: 820170
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 30.6 24.9 37.3

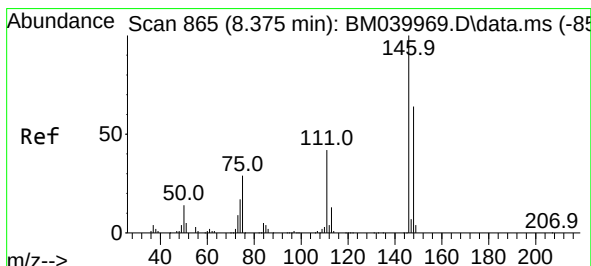
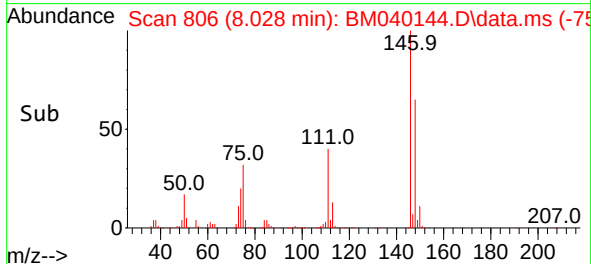
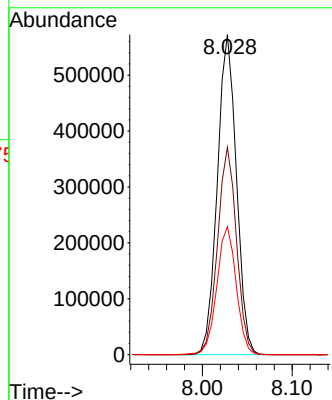
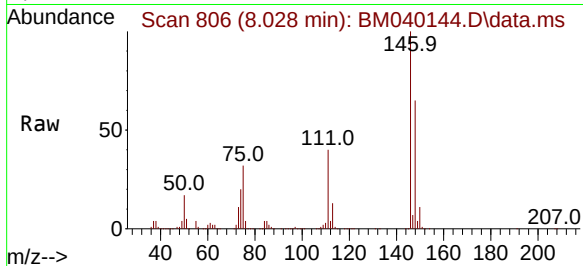




#13
1,4-Dichlorobenzene
Concen: 50.086 ng
RT: 8.028 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

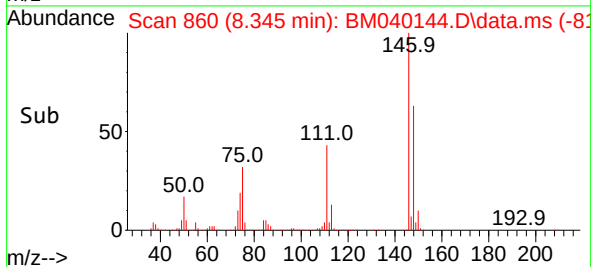
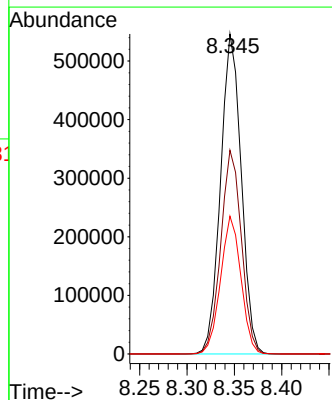
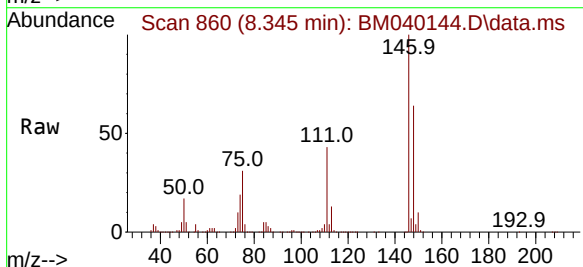
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

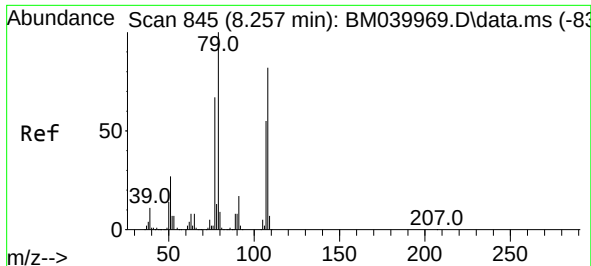
Tgt Ion:146 Resp: 846637
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 40.0 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 50.046 ng
RT: 8.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:146 Resp: 829521
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 43.1 33.5 50.3

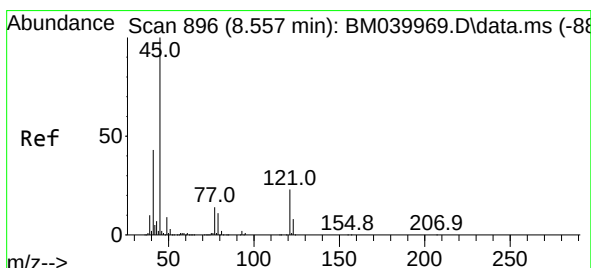
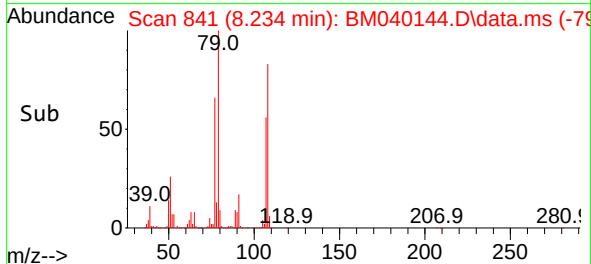
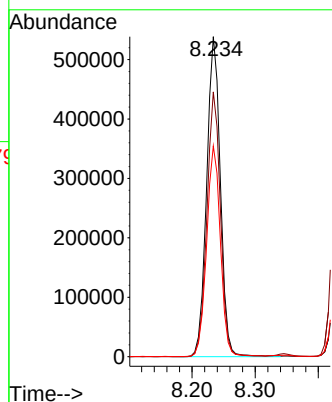
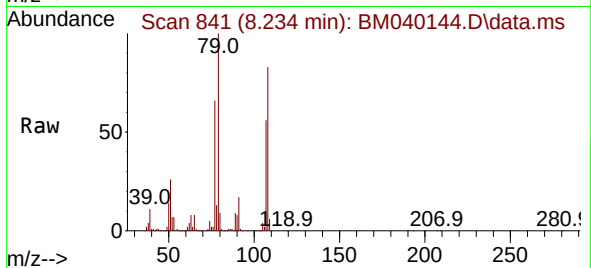




#15
Benzyl Alcohol
Concen: 64.789 ng
RT: 8.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

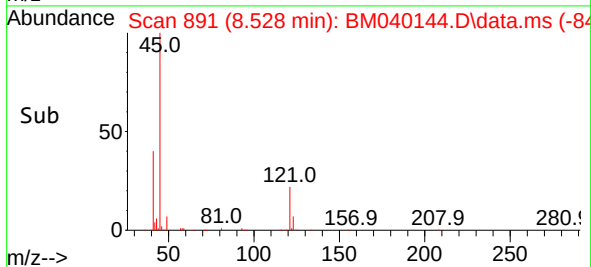
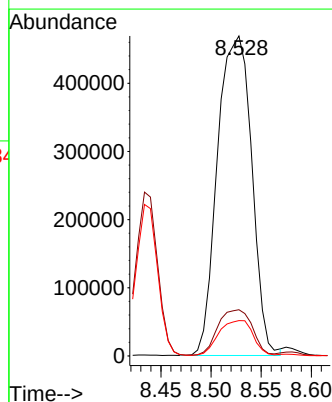
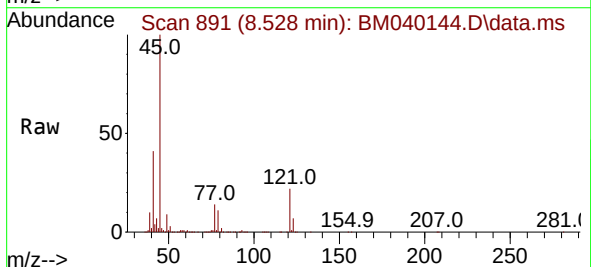
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

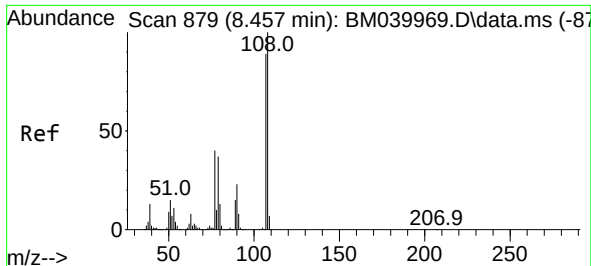
Tgt Ion: 79 Resp: 811990
Ion Ratio Lower Upper
79 100
108 82.7 65.4 98.2
77 65.9 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.062 ng
RT: 8.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

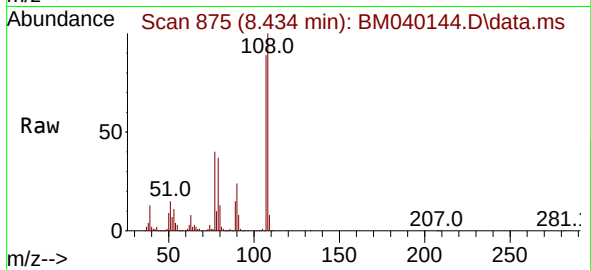
Tgt Ion: 45 Resp: 1113209
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.7
79 11.1 0.0 31.3





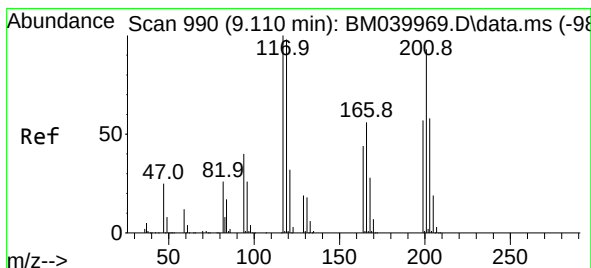
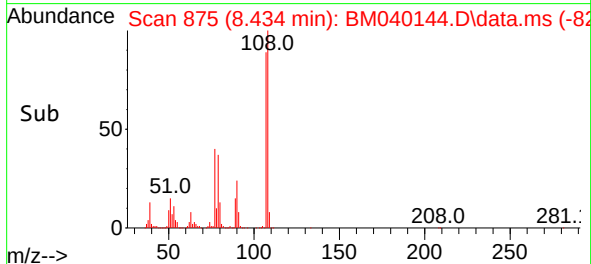
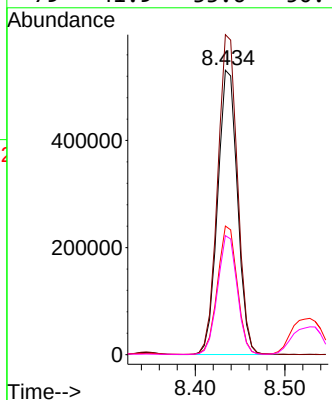
#17
2-Methylphenol
Concen: 58.402 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:107 Resp: 814323

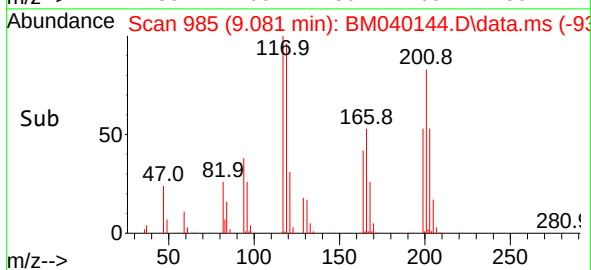
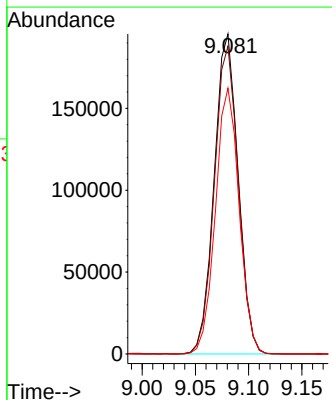
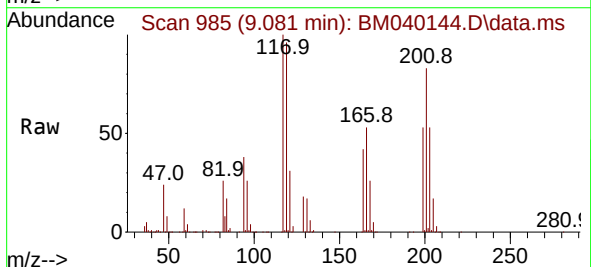
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.8
77	45.2	35.6	53.4
79	41.9	33.6	50.4

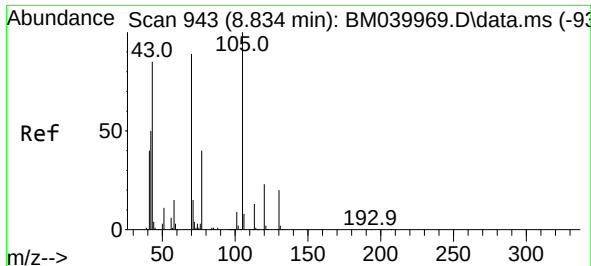


#18
Hexachloroethane
Concen: 49.919 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:117 Resp: 305917

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.8	118.2
201	83.1	74.3	111.5





#19

n-Nitroso-di-n-propylamine

Concen: 62.079 ng

RT: 8.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion: 70 Resp: 699073

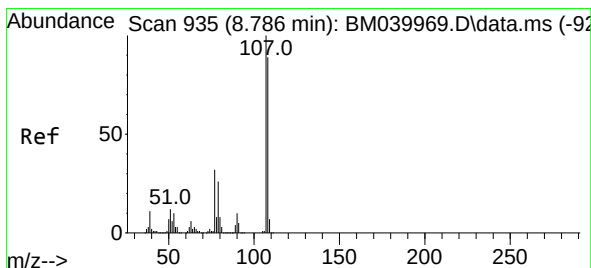
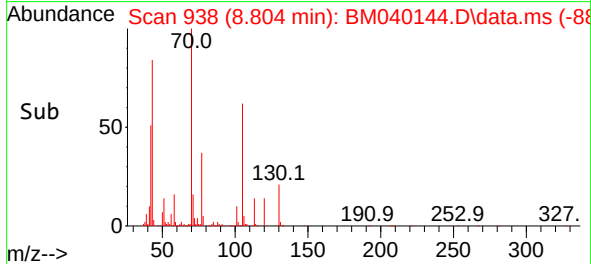
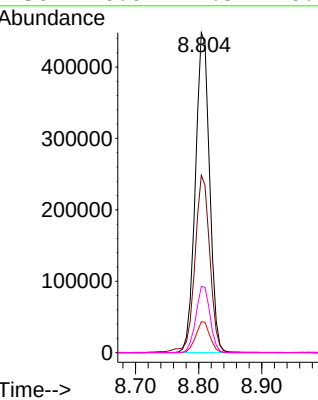
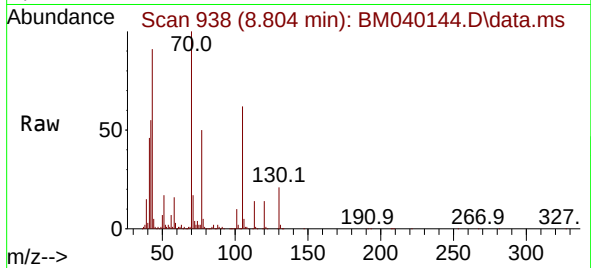
Ion Ratio Lower Upper

70 100

42 55.4 45.6 68.4

101 9.7 7.7 11.5

130 20.6 17.5 26.3



#20

3+4-Methylphenols

Concen: 60.381 ng

RT: 8.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Tgt Ion: 107 Resp: 1110982

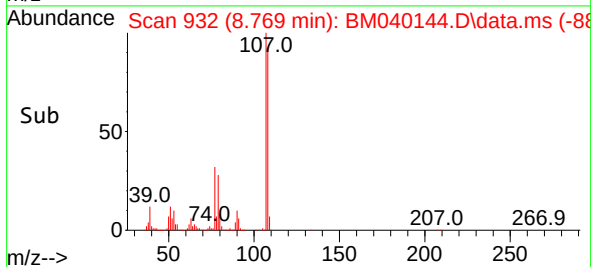
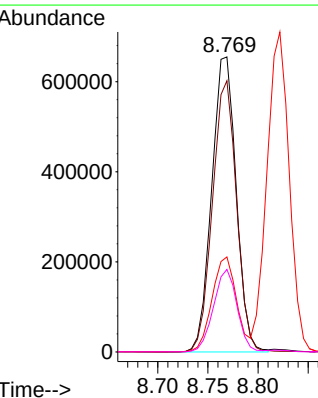
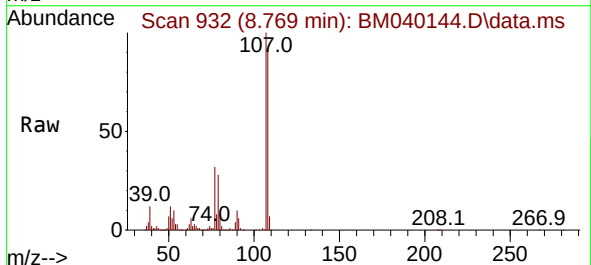
Ion Ratio Lower Upper

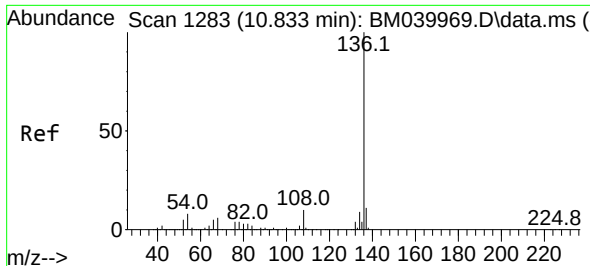
107 100

108 91.9 69.3 109.3

77 32.2 11.7 51.7

79 28.0 6.4 46.4



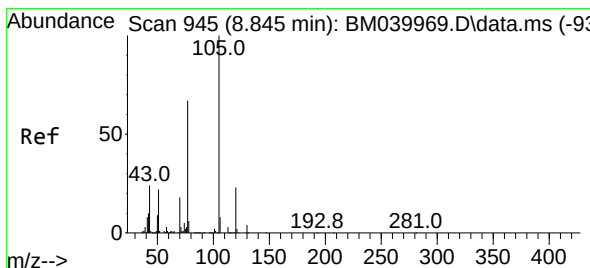
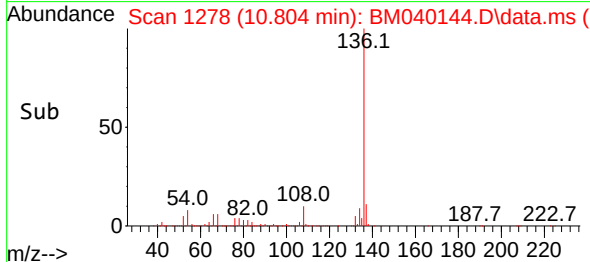
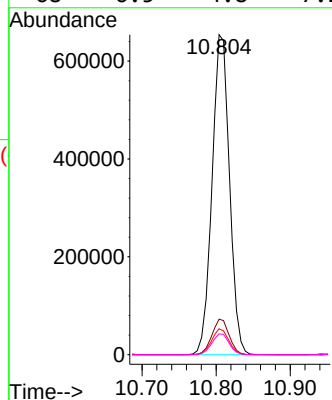
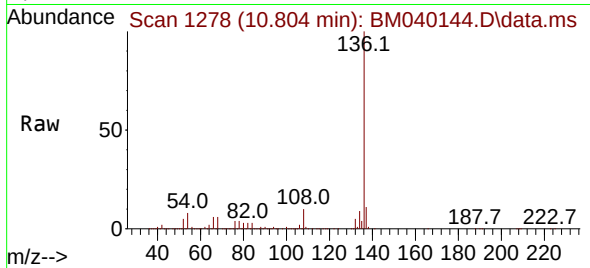


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Tgt Ion:136 Resp: 1066500

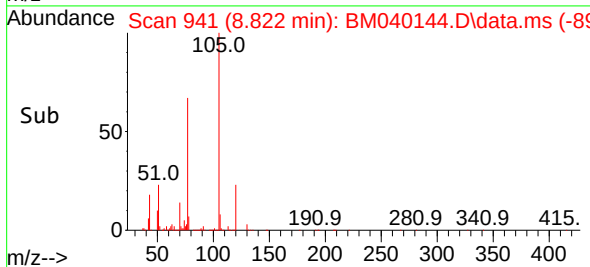
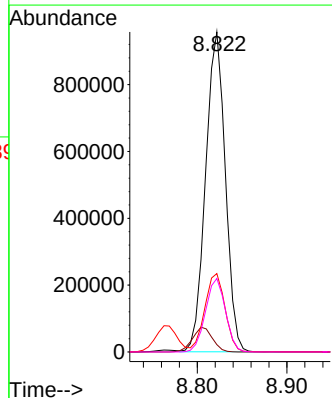
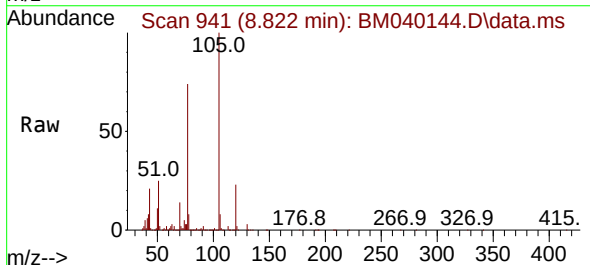
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.1	6.1	9.1
68	6.5	4.8	7.2

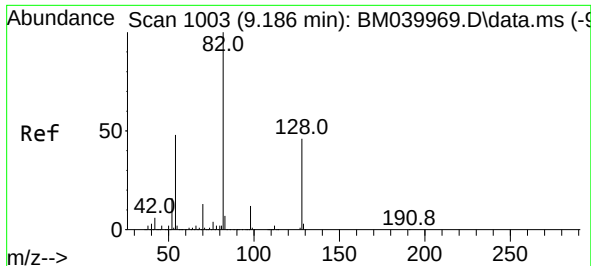


#22
Acetophenone
Concen: 50.835 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:105 Resp: 1463348

Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.2	3.4
51	24.5	19.8	29.8
120	23.0	18.6	28.0

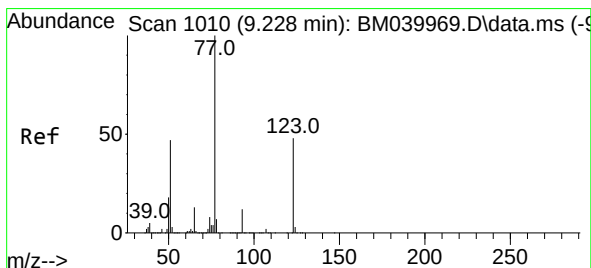
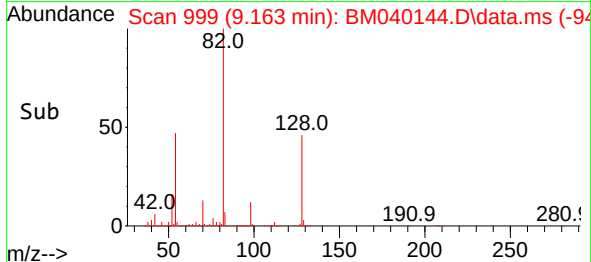
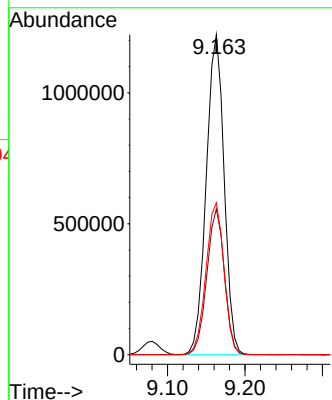
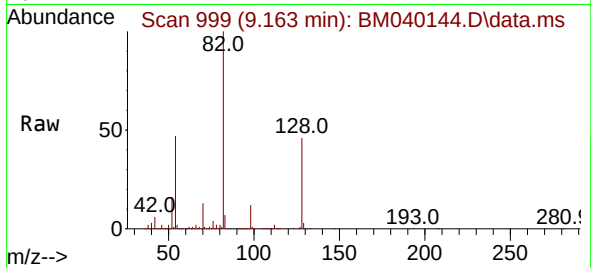




#23
Nitrobenzene-d5
Concen: 98.962 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

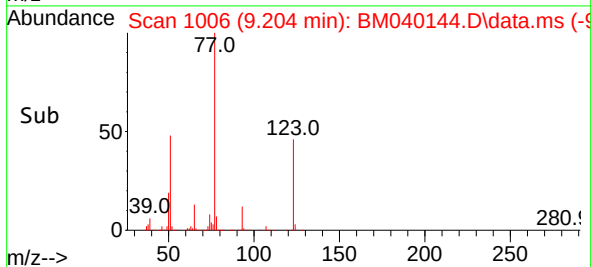
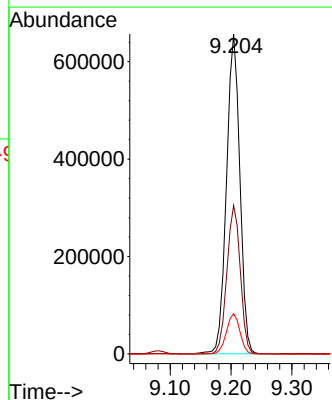
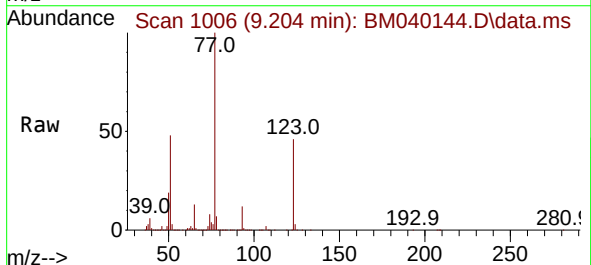
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

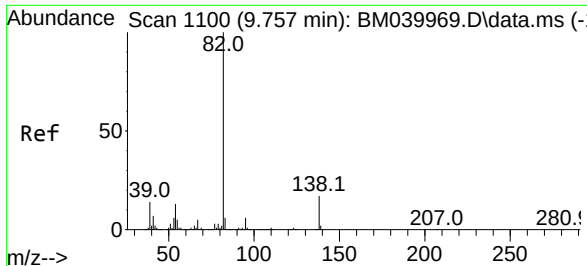
Tgt Ion: 82 Resp: 1955945
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 47.4 38.3 57.5



#24
Nitrobenzene
Concen: 49.920 ng
RT: 9.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 77 Resp: 1000810
Ion Ratio Lower Upper
77 100
123 46.4 38.1 57.1
65 12.6 10.1 15.1





#25

Isophorone

Concen: 54.519 ng

RT: 9.734 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

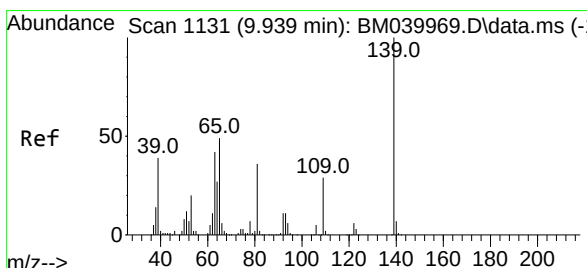
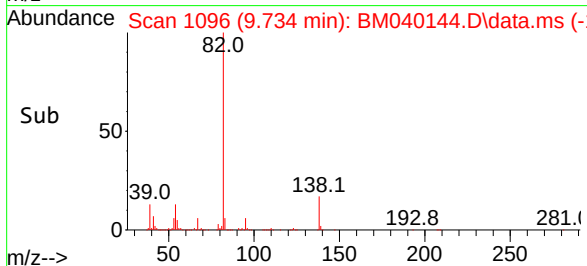
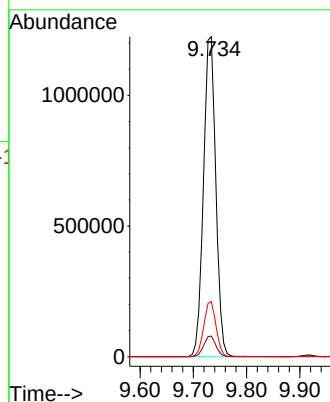
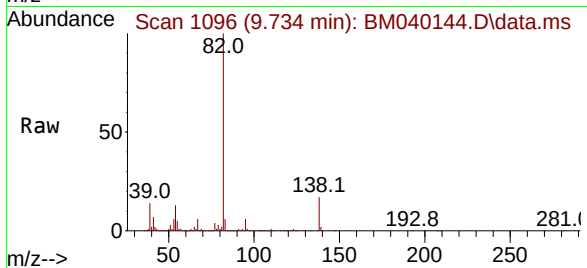
Tgt Ion: 82 Resp: 1965070

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 61.156 ng

RT: 9.916 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

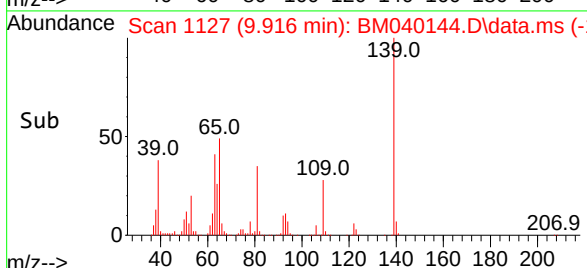
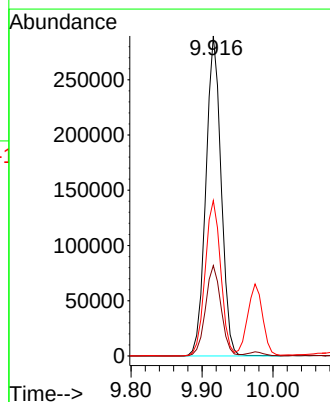
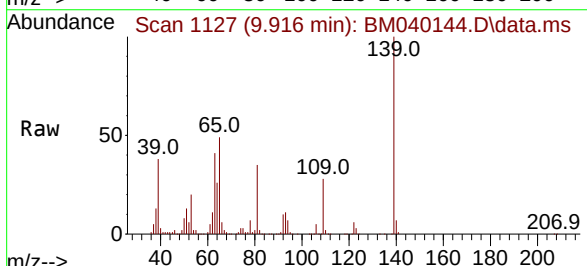
Tgt Ion:139 Resp: 433854

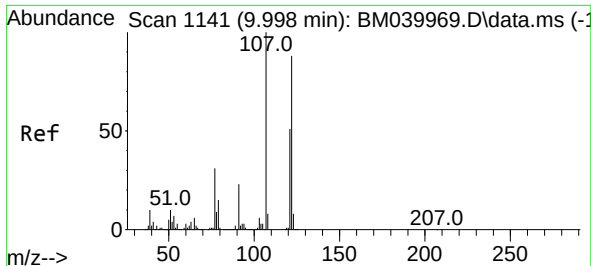
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 48.5 39.4 59.2

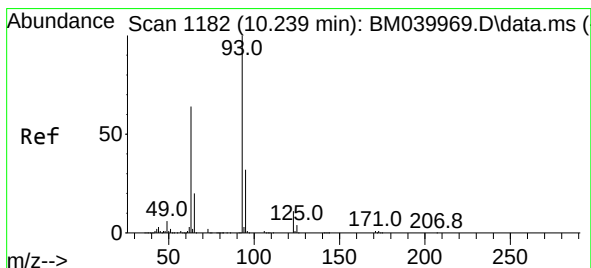
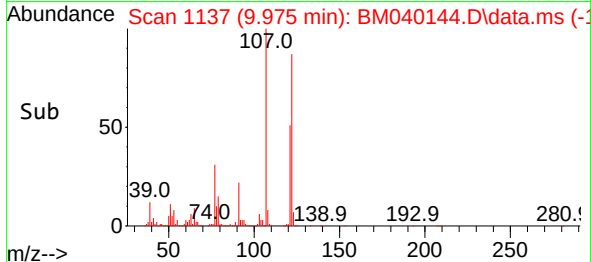
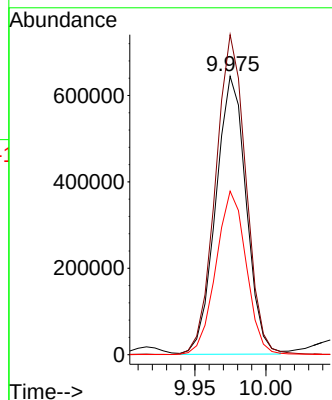
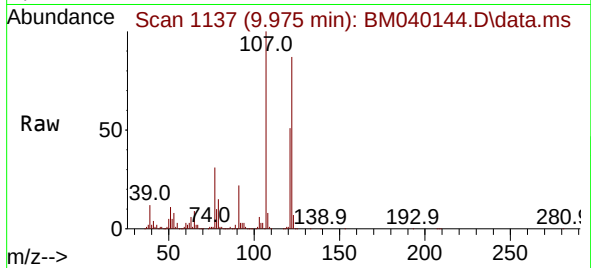




#27
2,4-Dimethylphenol
Concen: 59.285 ng
RT: 9.975 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

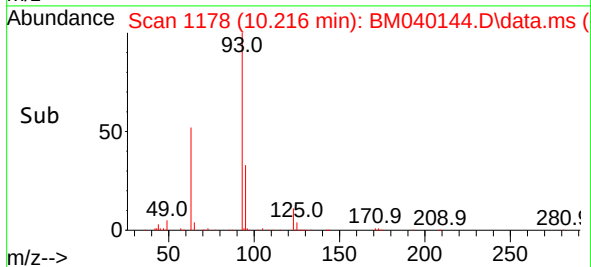
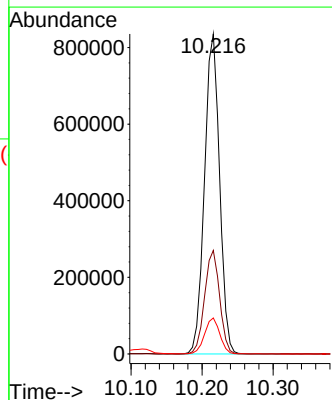
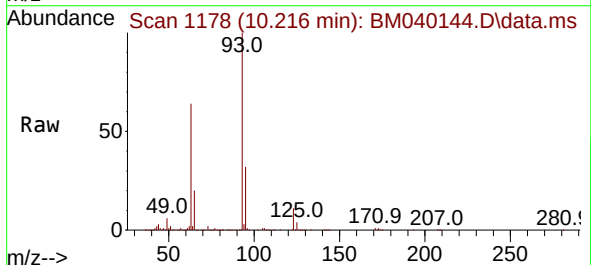
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

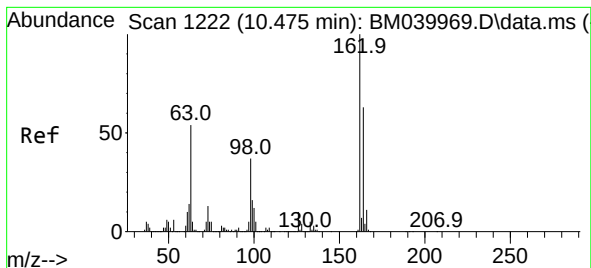
Tgt Ion:122 Resp: 957926
Ion Ratio Lower Upper
122 100
107 115.0 91.0 136.4
121 58.8 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 52.210 ng
RT: 10.216 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 93 Resp: 1233775
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.397 ng

RT: 10.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

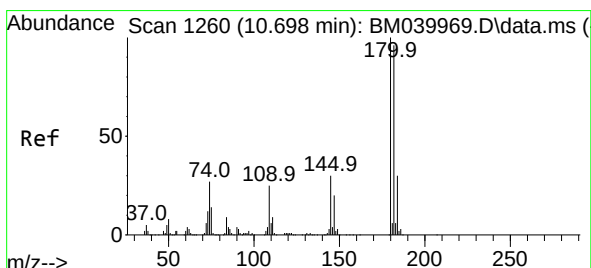
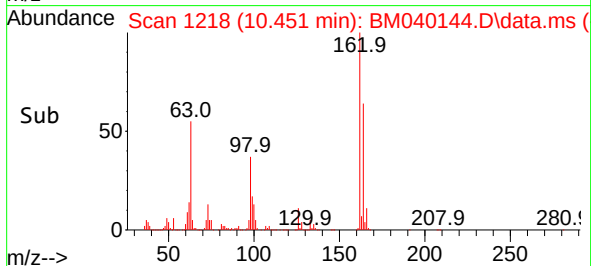
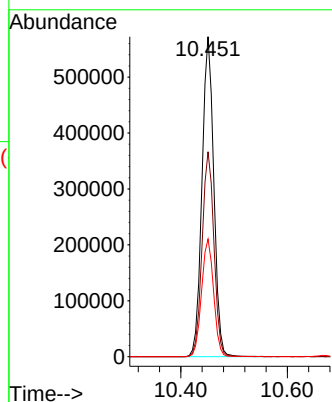
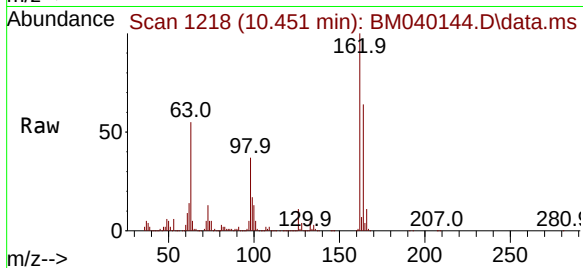
Tgt Ion:162 Resp: 878678

Ion Ratio Lower Upper

162 100

164 64.0 43.3 83.3

98 36.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.975 ng

RT: 10.669 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

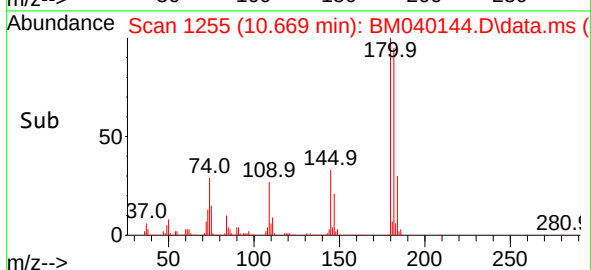
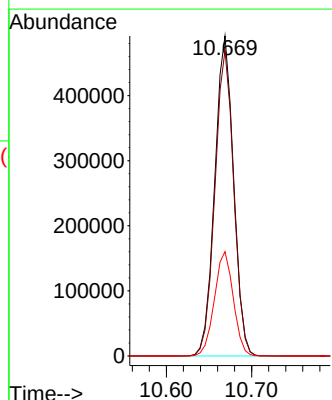
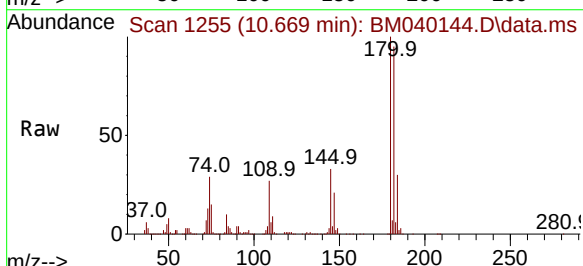
Tgt Ion:180 Resp: 753780

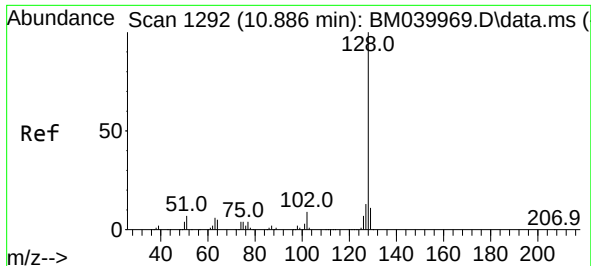
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 32.6 24.1 36.1

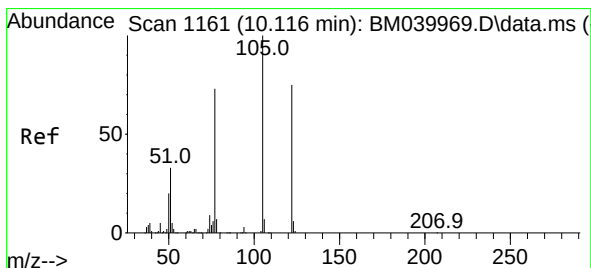
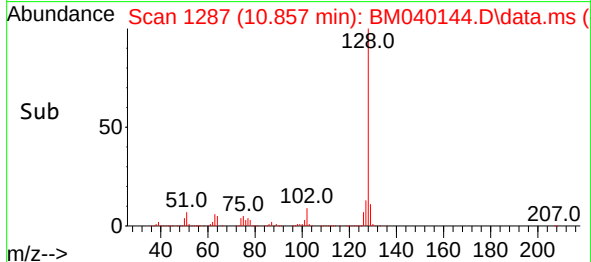
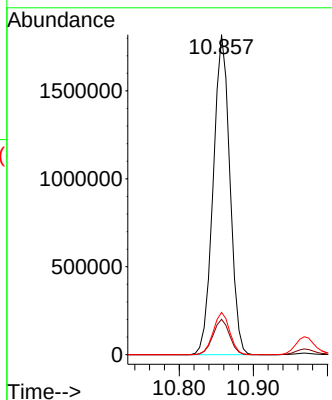
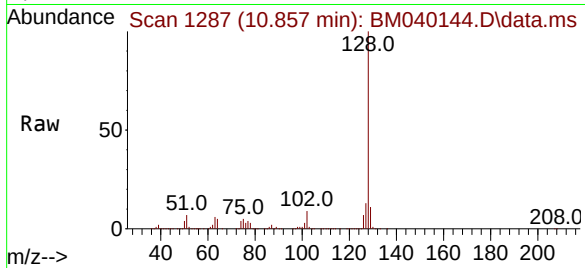




#31
Naphthalene
Concen: 48.254 ng
RT: 10.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

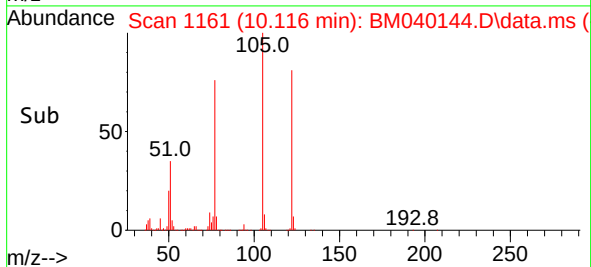
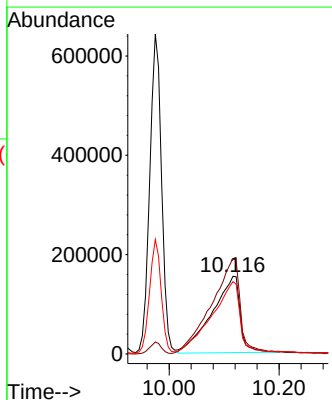
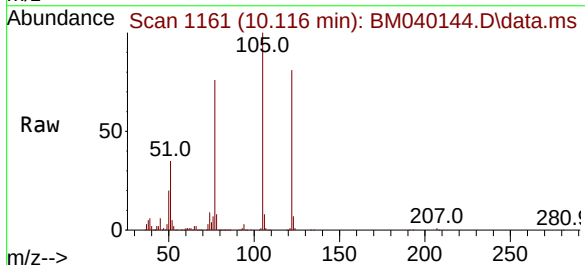
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

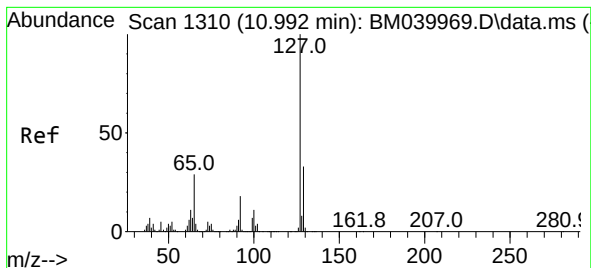
Tgt Ion:128 Resp: 2839461
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 50.035 ng
RT: 10.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:122 Resp: 549140
Ion Ratio Lower Upper
122 100
105 123.1 106.0 146.0
77 93.3 74.7 114.7





#33

4-Chloroaniline

Concen: 8.552 ng

RT: 10.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:127 Resp: 212064

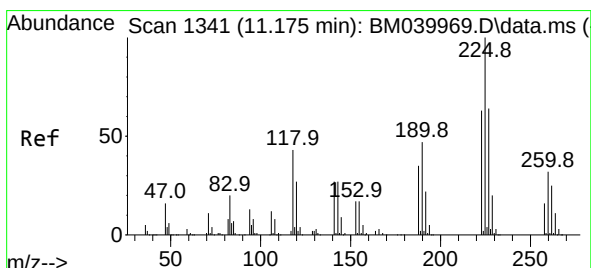
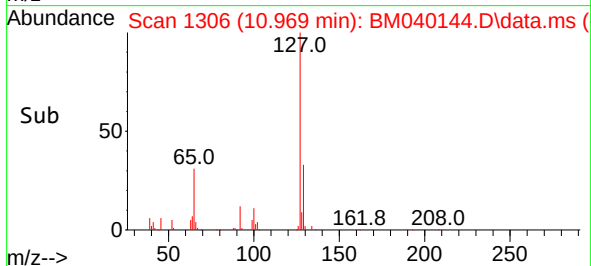
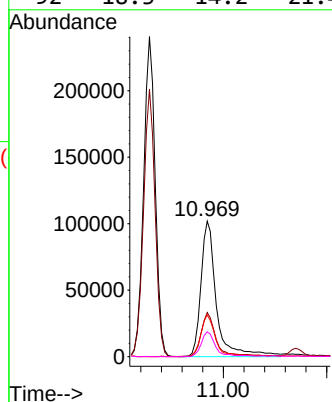
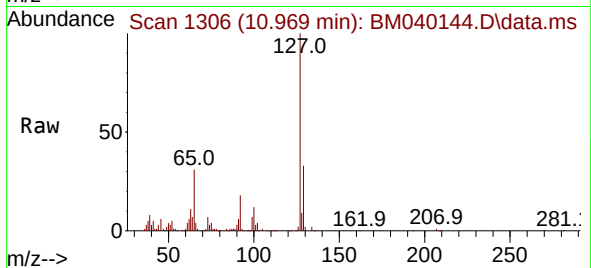
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 30.8 23.1 34.7

92 18.3 14.2 21.4



#34

Hexachlorobutadiene

Concen: 39.583 ng

RT: 11.145 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

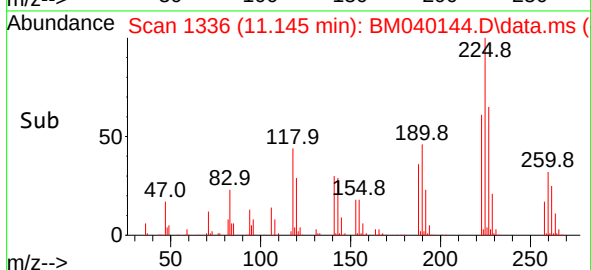
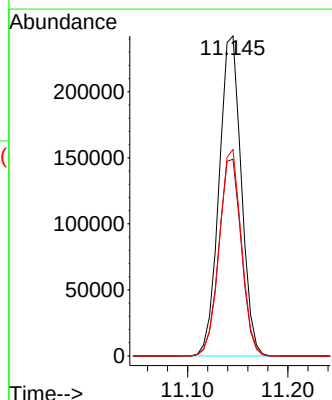
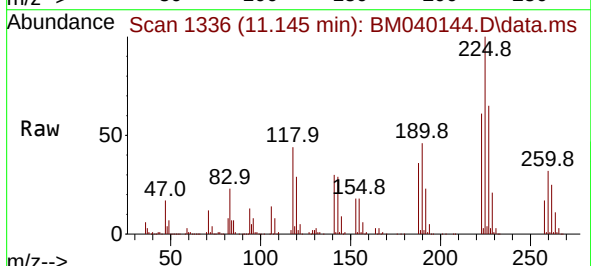
Tgt Ion:225 Resp: 372365

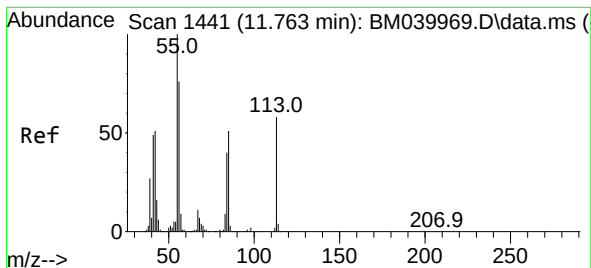
Ion Ratio Lower Upper

225 100

223 61.5 50.3 75.5

227 64.5 51.0 76.4

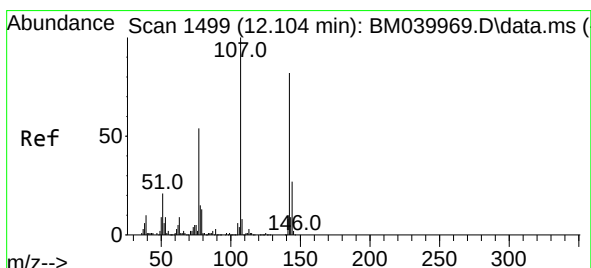
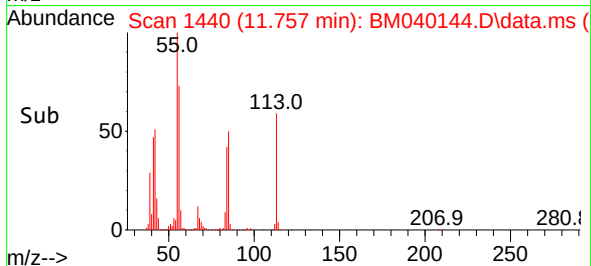
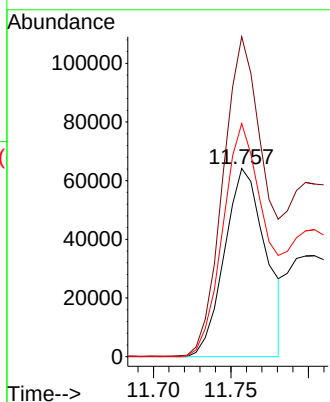
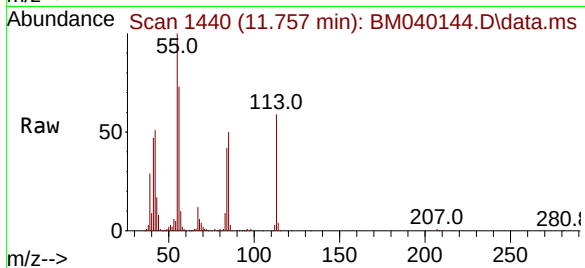




#35
Caprolactam
Concen: 27.456 ng
RT: 11.757 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

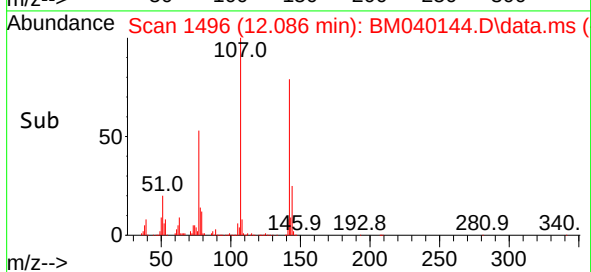
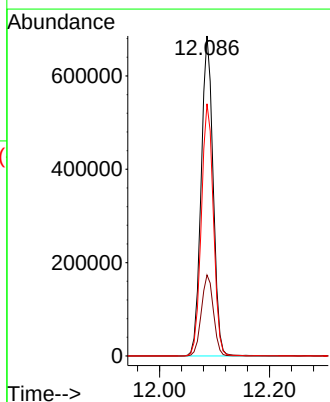
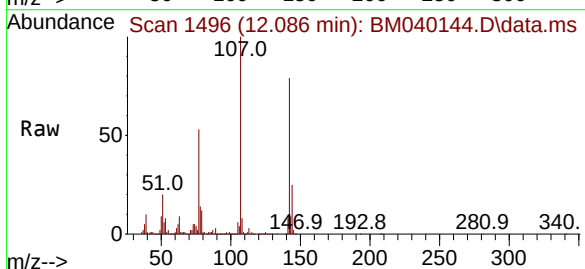
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

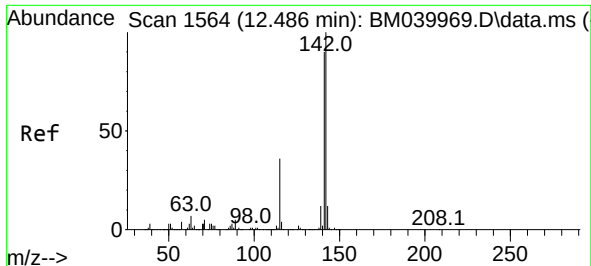
Tgt Ion:113 Resp: 118688
Ion Ratio Lower Upper
113 100
55 170.1 152.5 192.5
56 123.9 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 65.441 ng
RT: 12.086 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:107 Resp: 1035503
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.2
142 78.8 65.8 98.6

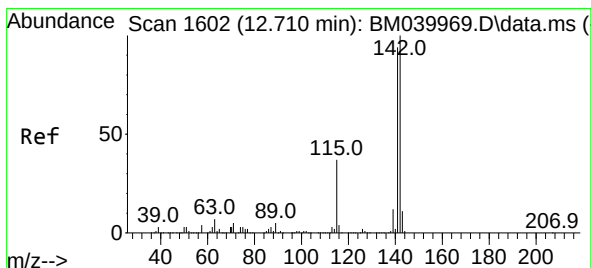
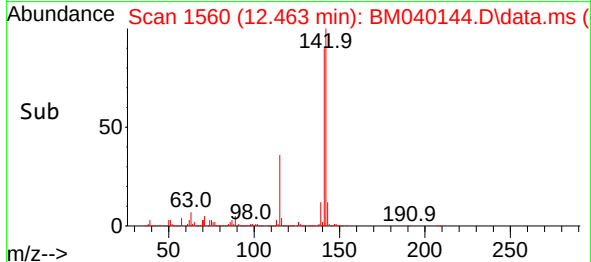
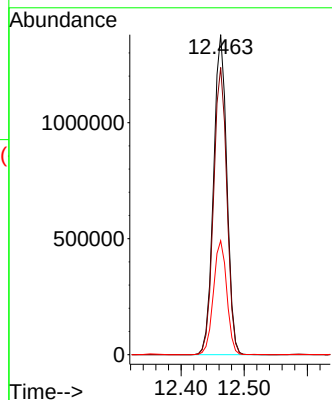
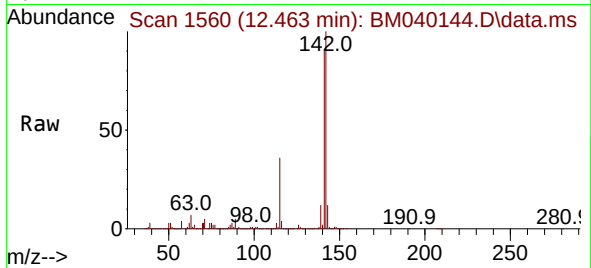




#37
2-Methylnaphthalene
Concen: 51.422 ng
RT: 12.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

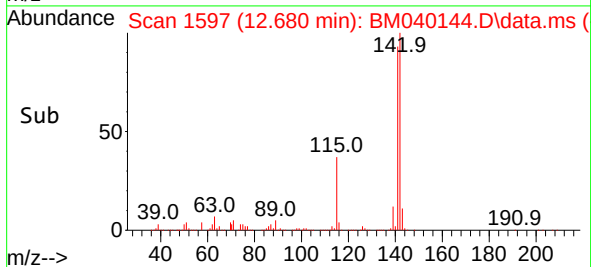
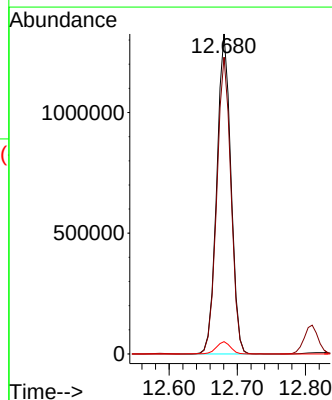
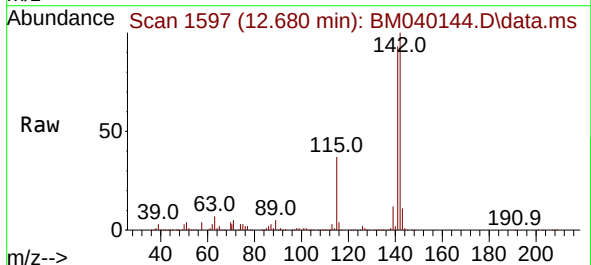
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

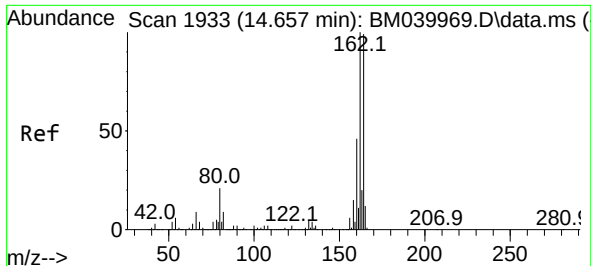
Tgt Ion:142 Resp: 2016923
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4
115 35.6 28.8 43.2



#38
1-Methylnaphthalene
Concen: 51.928 ng
RT: 12.680 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:142 Resp: 1906554
Ion Ratio Lower Upper
142 100
141 92.8 75.1 112.7
116 3.9 3.2 4.8

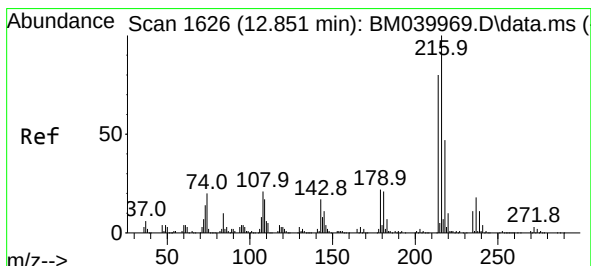
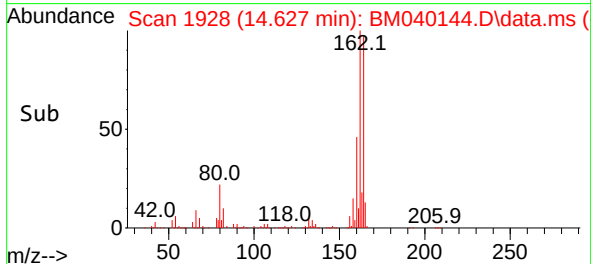
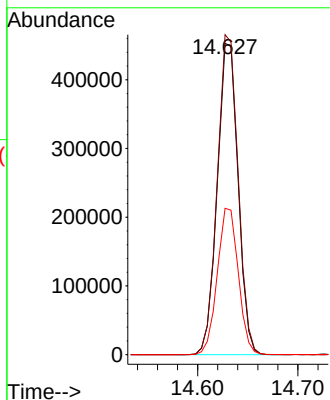
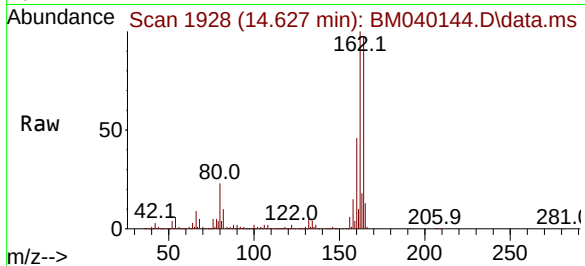




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

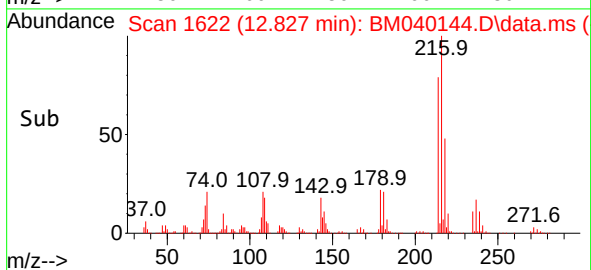
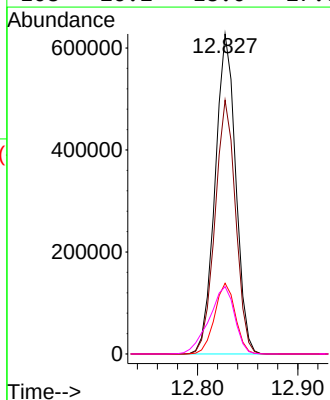
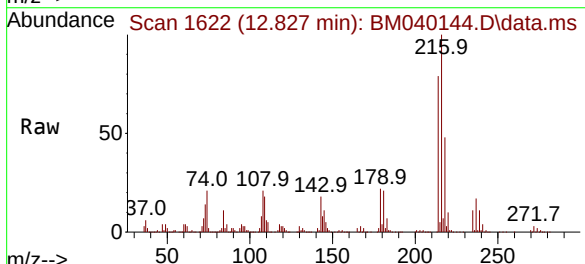
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

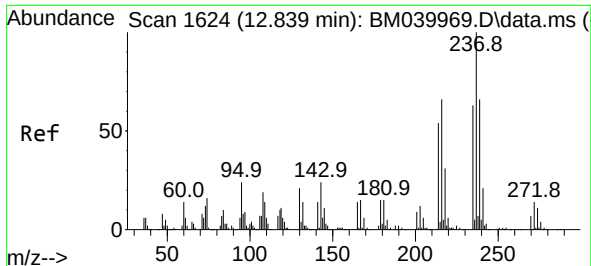
Tgt Ion:164 Resp: 650748
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 47.1 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.419 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:216 Resp: 893662
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.2 17.4 26.2
108 26.2 18.0 27.0

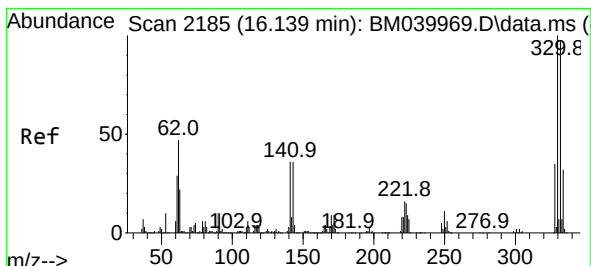
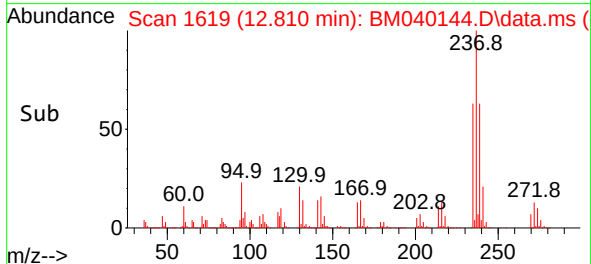
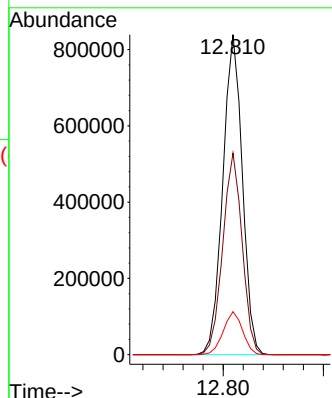
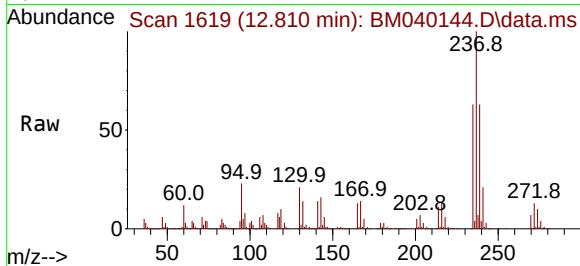




#41
Hexachlorocyclopentadiene
Concen: 106.405 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

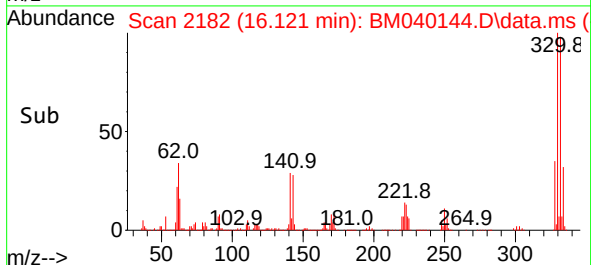
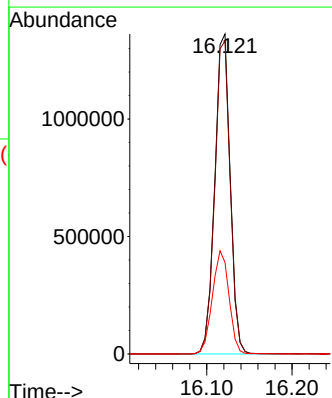
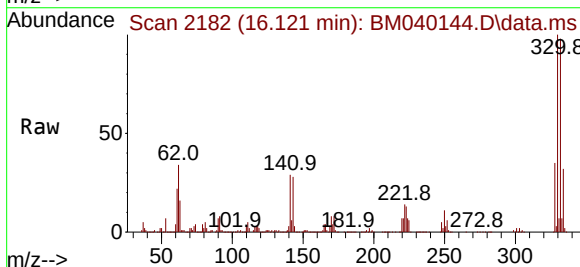
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

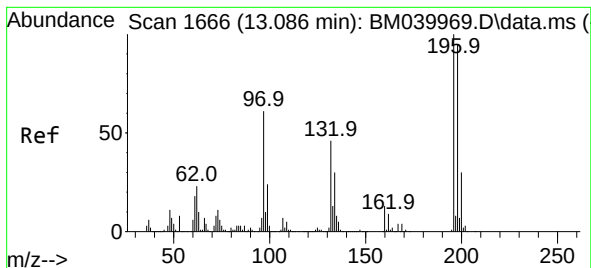
Tgt Ion:237 Resp: 1132936
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 203.118 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:330 Resp: 1715572
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 34.7 31.6 47.4

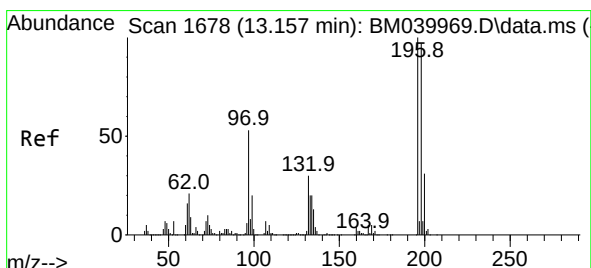
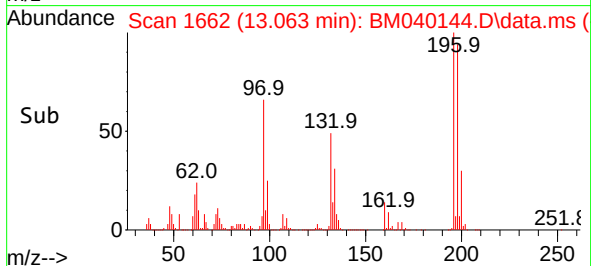
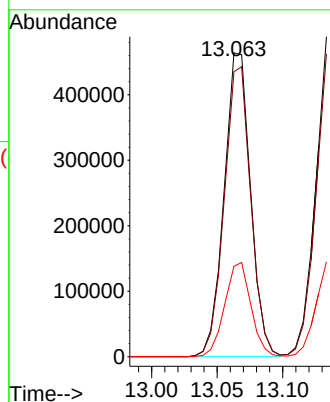
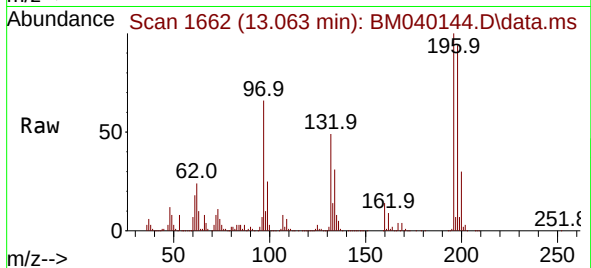




#43
2,4,6-Trichlorophenol
Concen: 52.246 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

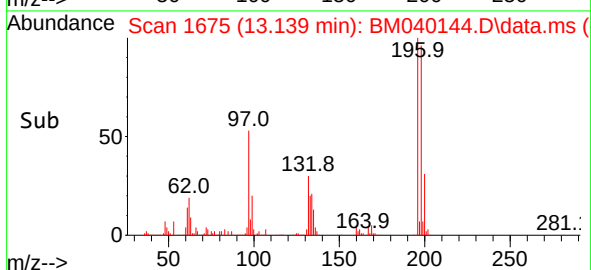
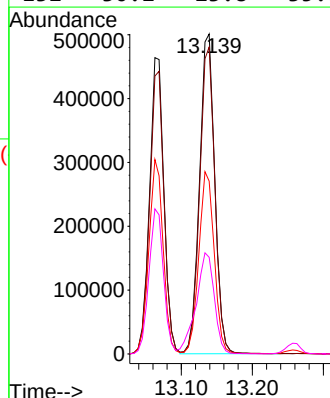
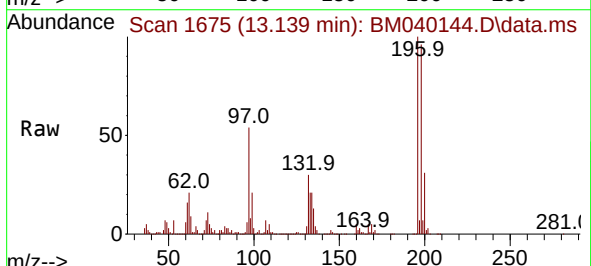
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

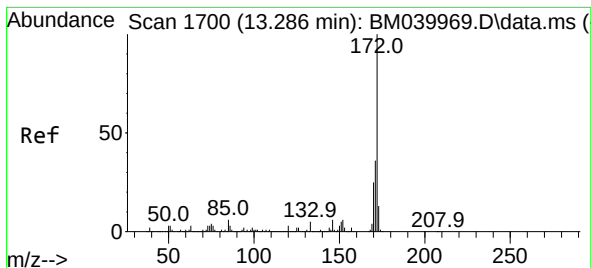
Tgt Ion:196 Resp: 652688
Ion Ratio Lower Upper
196 100
198 93.8 75.7 113.5
200 29.8 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 50.545 ng
RT: 13.139 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:196 Resp: 751576
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 54.0 42.2 63.2
132 30.2 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 89.523 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

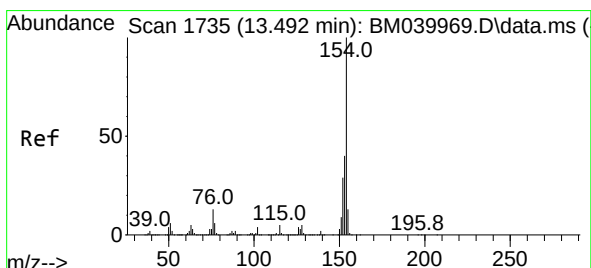
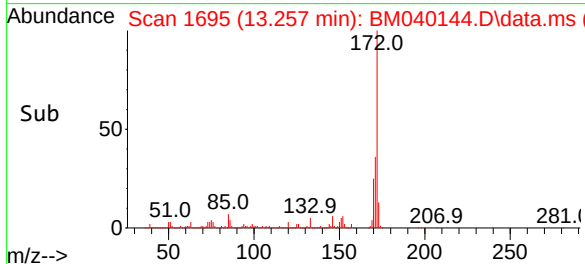
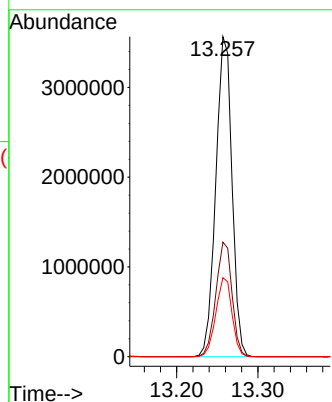
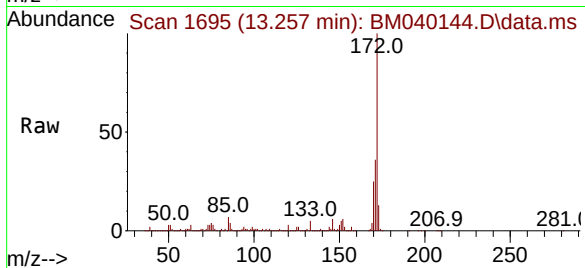
Tgt Ion:172 Resp: 4939157

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.7 19.6 29.4



#46

1,1'-Biphenyl

Concen: 49.745 ng

RT: 13.469 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

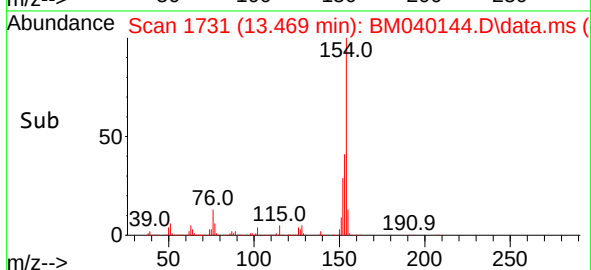
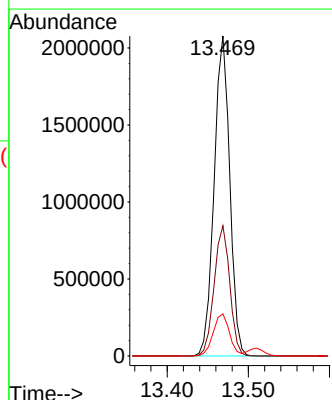
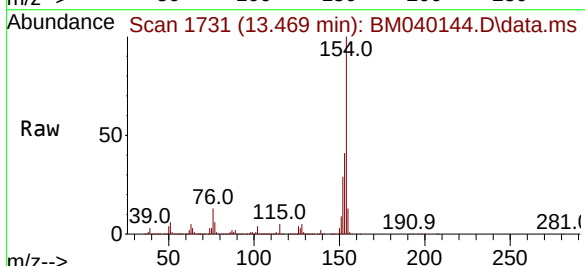
Tgt Ion:154 Resp: 2771491

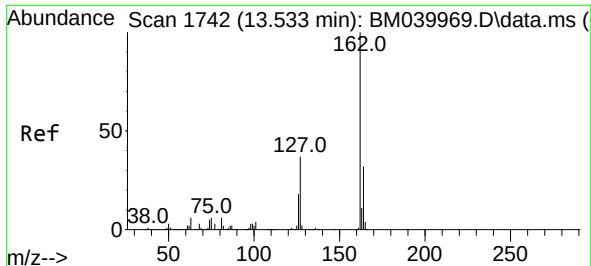
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 13.1 0.0 33.1

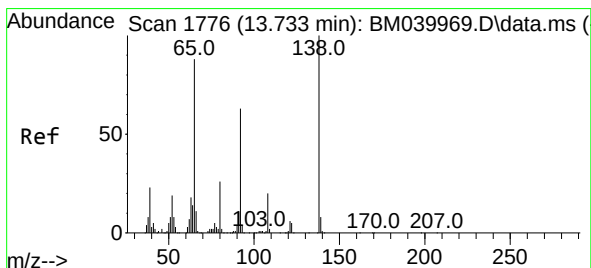
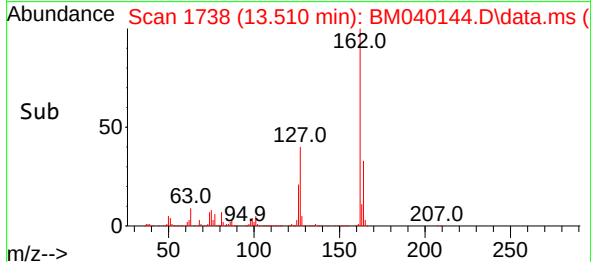
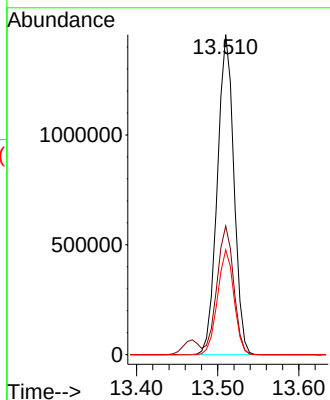
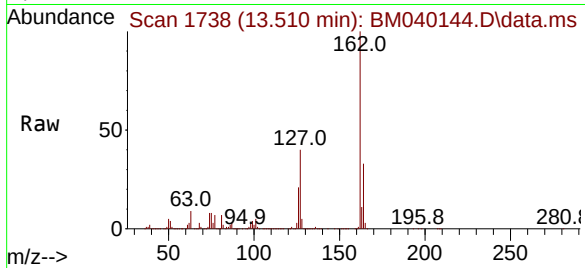




#47
2-Chloronaphthalene
Concen: 49.828 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

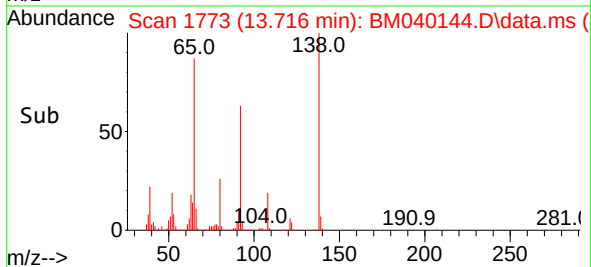
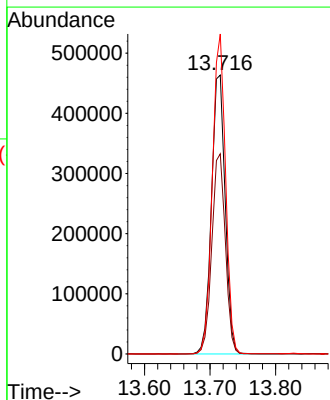
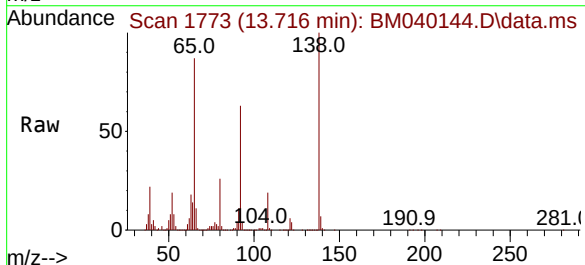
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

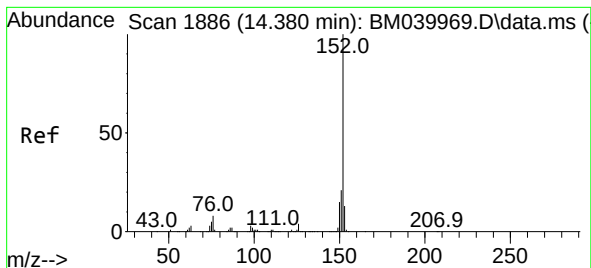
Tgt Ion:162 Resp: 2072231
Ion Ratio Lower Upper
162 100
127 40.2 31.3 46.9
164 32.7 25.8 38.8



#48
2-Nitroaniline
Concen: 59.216 ng
RT: 13.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 65 Resp: 673425
Ion Ratio Lower Upper
65 100
92 71.8 57.0 85.6
138 114.8 91.1 136.7





#49

Acenaphthylene

Concen: 53.098 ng

RT: 14.357 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

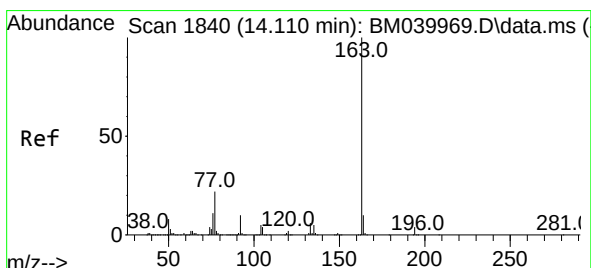
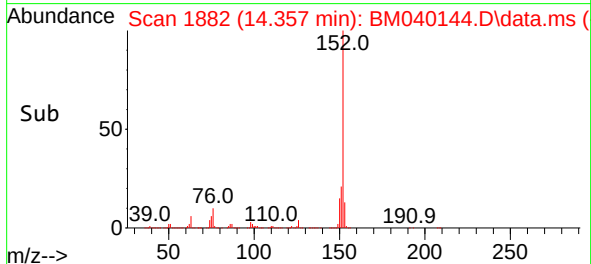
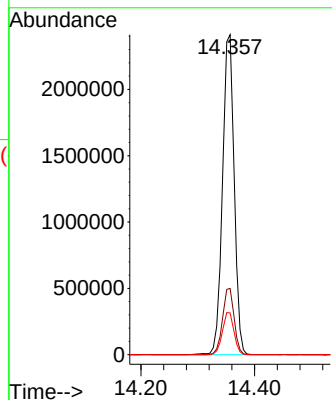
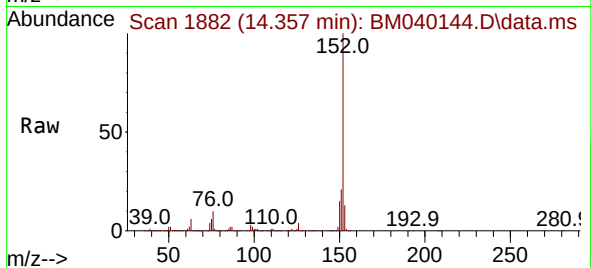
Tgt Ion:152 Resp: 3456903

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 54.375 ng

RT: 14.092 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

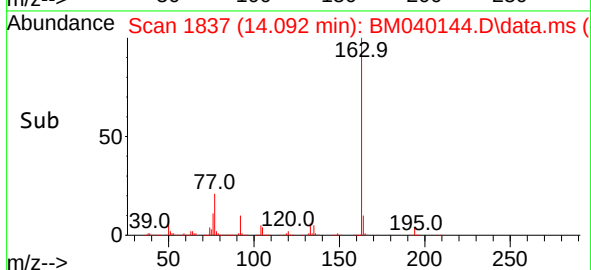
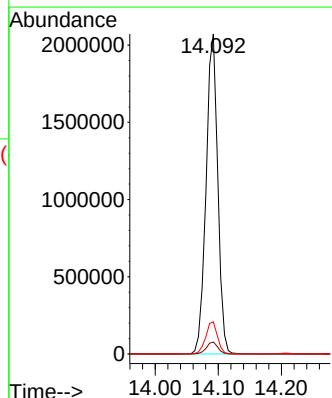
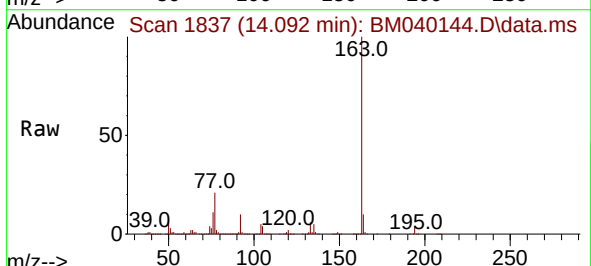
Tgt Ion:163 Resp: 2667408

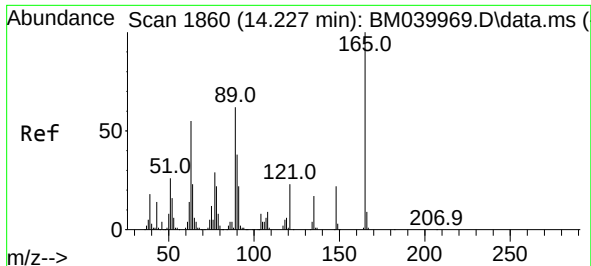
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

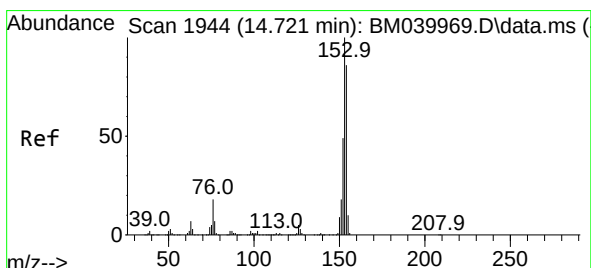
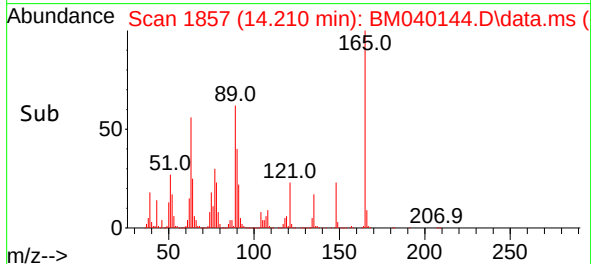
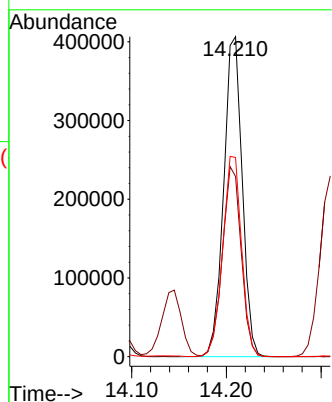
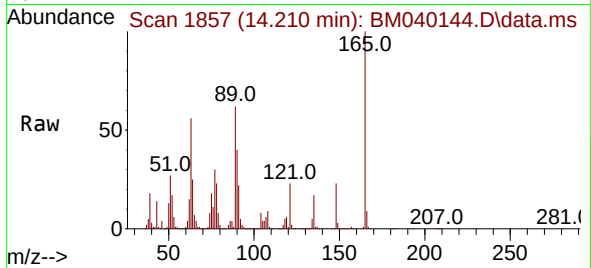




#51
2,6-Dinitrotoluene
Concen: 58.883 ng
RT: 14.210 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

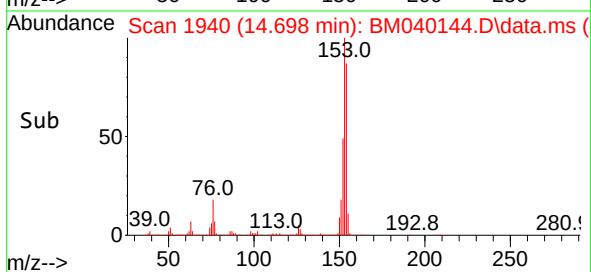
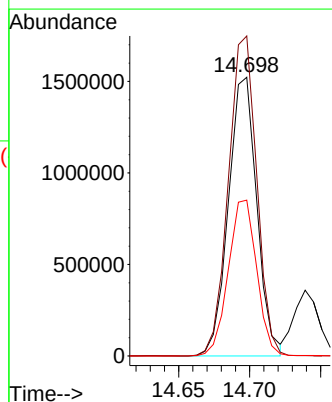
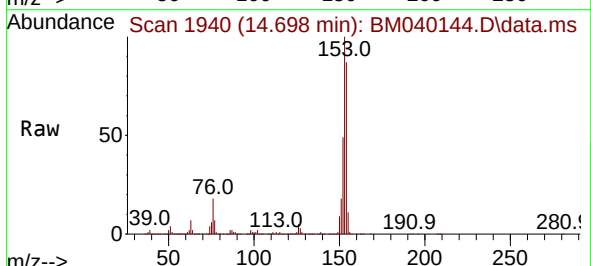
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

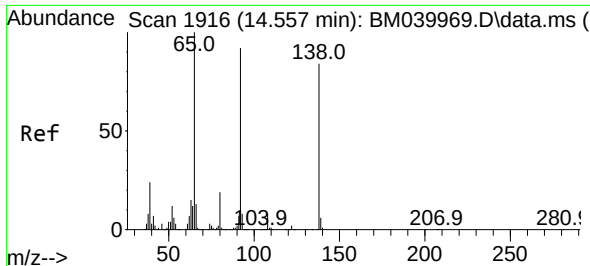
Tgt Ion:165 Resp: 552580
Ion Ratio Lower Upper
165 100
63 56.3 45.3 67.9
89 62.3 49.5 74.3



#52
Acenaphthene
Concen: 49.866 ng
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:154 Resp: 2121248
Ion Ratio Lower Upper
154 100
153 114.8 92.6 139.0
152 55.9 45.5 68.3

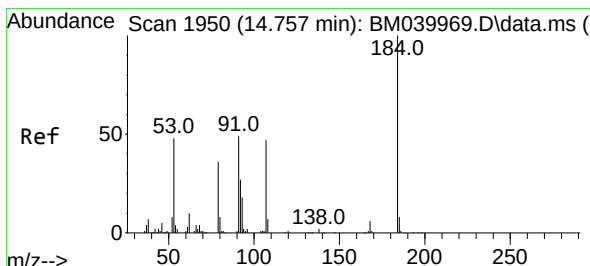
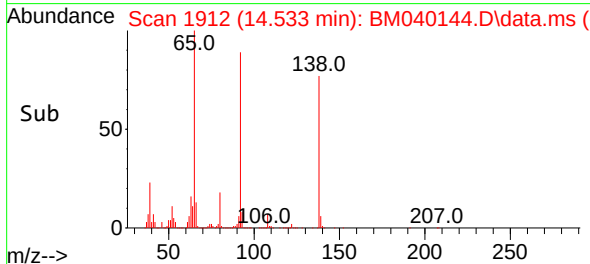
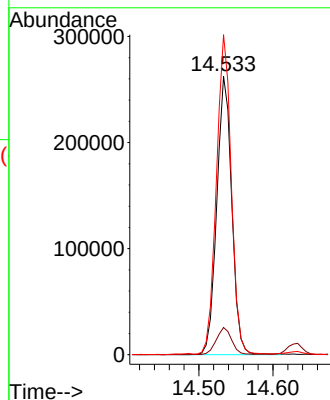
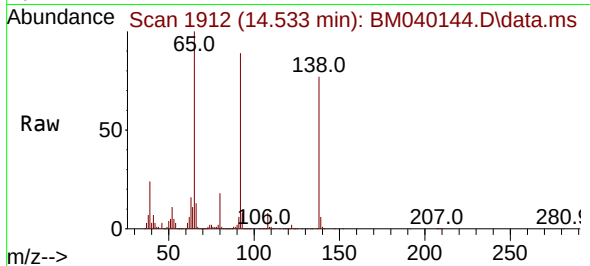




#53
3-Nitroaniline
Concen: 33.241 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

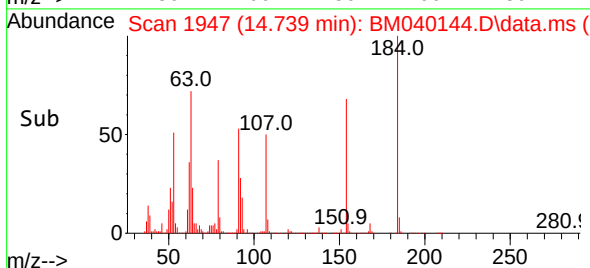
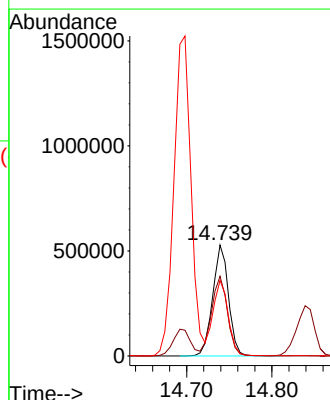
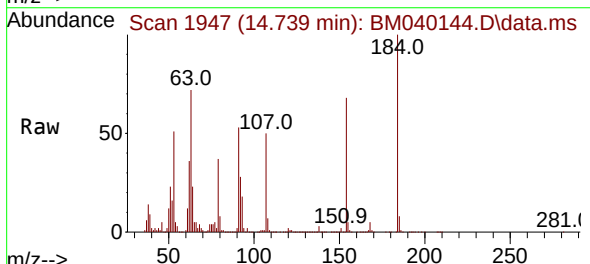
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

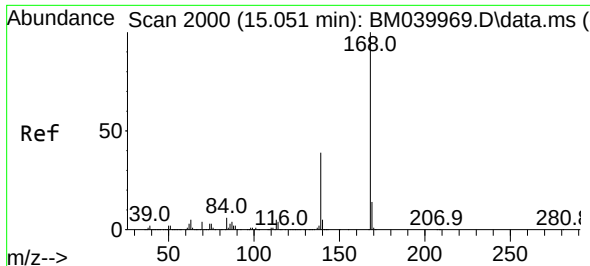
Tgt Ion:138 Resp: 369030
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 114.9 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 125.501 ng
RT: 14.739 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:184 Resp: 681992
Ion Ratio Lower Upper
184 100
63 71.8 53.0 79.4
154 68.1 54.4 81.6

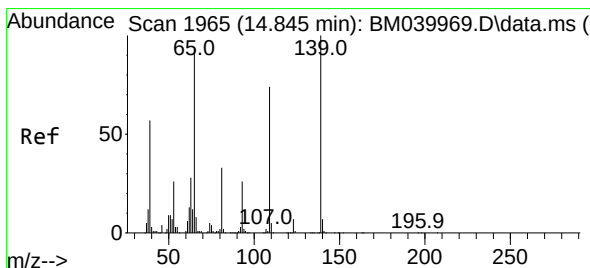
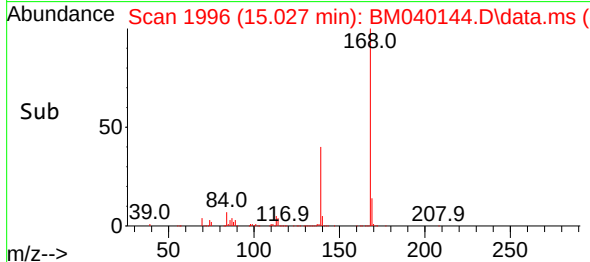
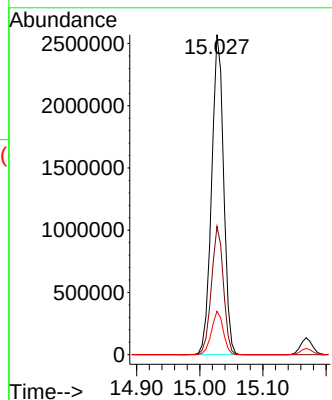
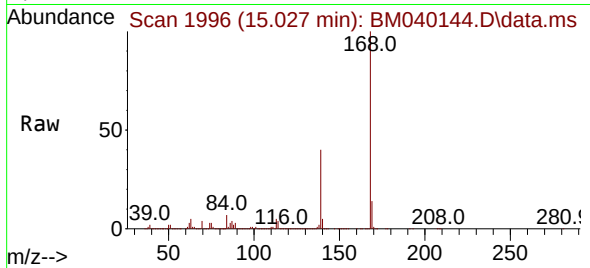




#55
Dibenzofuran
Concen: 54.037 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

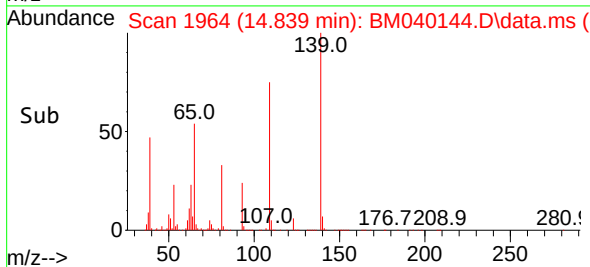
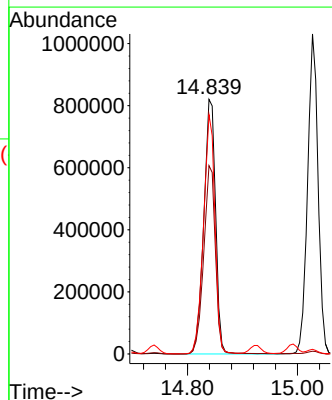
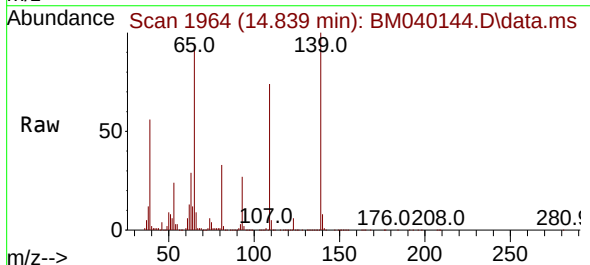
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

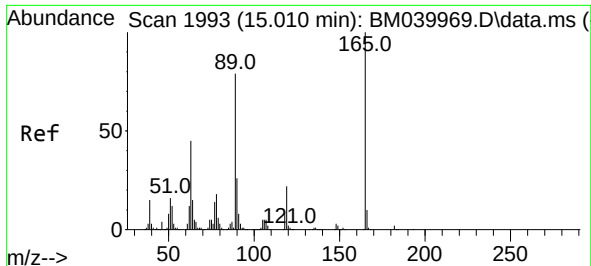
Tgt Ion:168 Resp: 3393332
Ion Ratio Lower Upper
168 100
139 40.1 31.5 47.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 142.221 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:139 Resp: 1221337
Ion Ratio Lower Upper
139 100
109 74.0 53.9 93.9
65 94.0 72.6 112.6

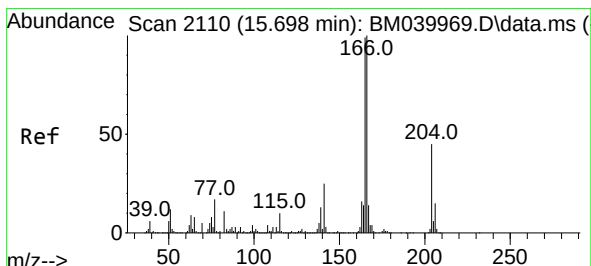
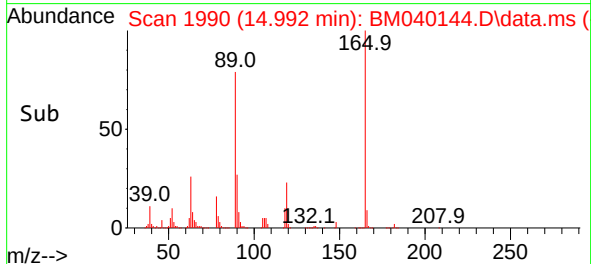
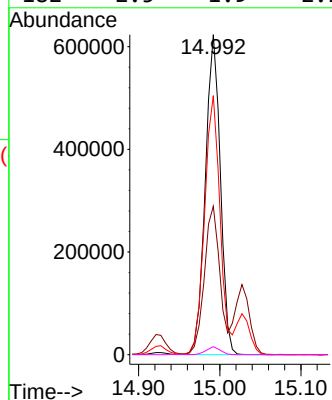
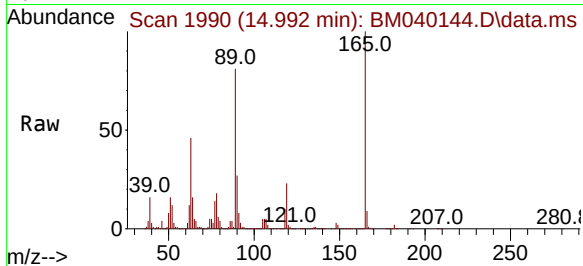




#57
2,4-Dinitrotoluene
Concen: 58.304 ng
RT: 14.992 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

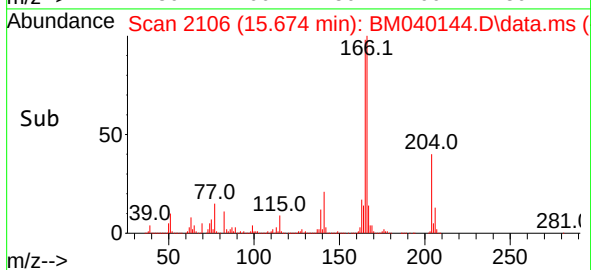
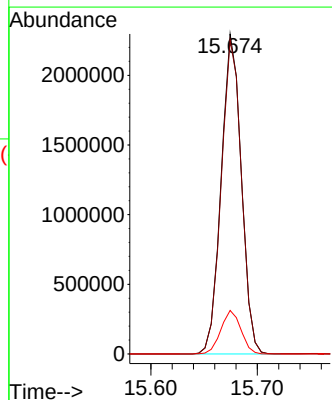
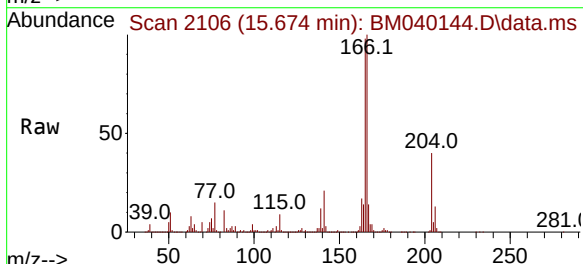
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

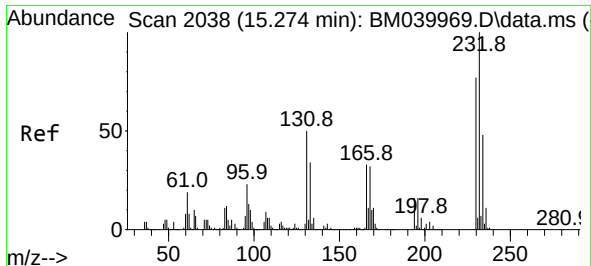
Tgt Ion:165 Resp: 799596
Ion Ratio Lower Upper
165 100
63 46.4 36.2 54.2
89 81.0 63.4 95.0
182 2.5 1.9 2.9



#58
Fluorene
Concen: 57.600 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:166 Resp: 3006824
Ion Ratio Lower Upper
166 100
165 98.1 79.5 119.3
167 13.6 11.0 16.6

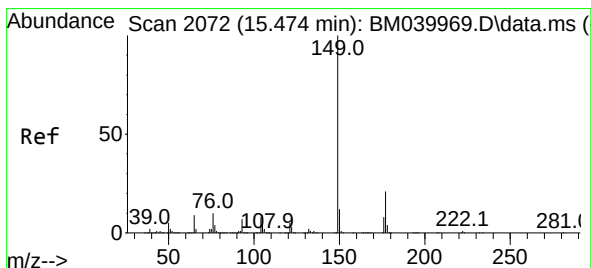
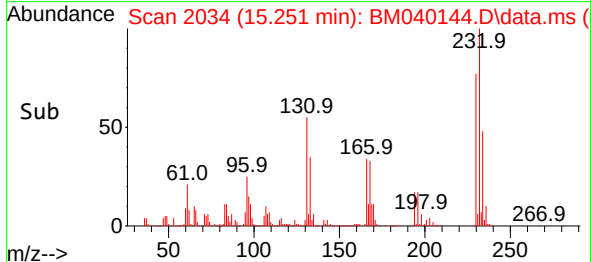
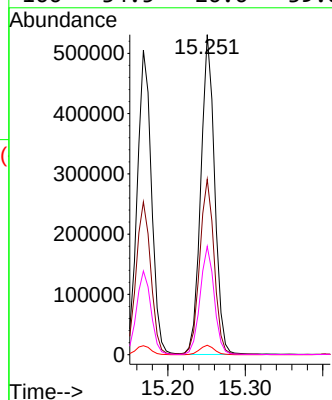
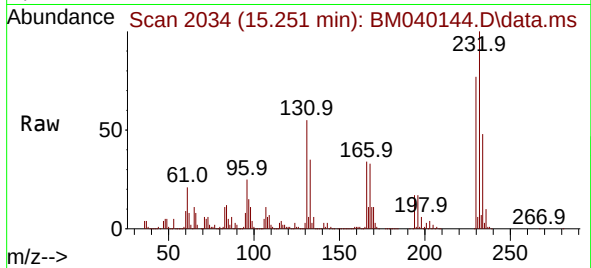




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.451 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

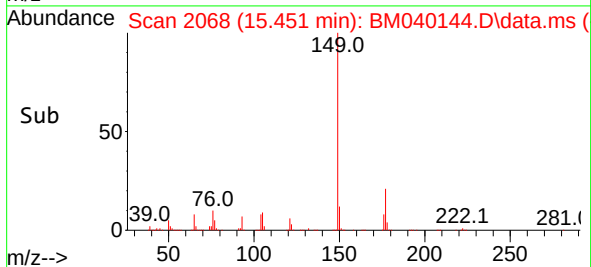
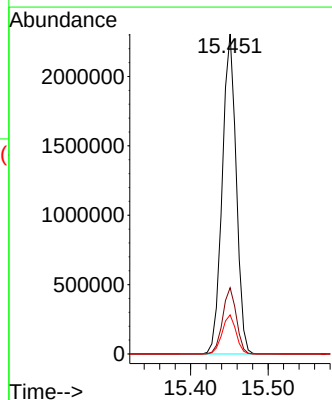
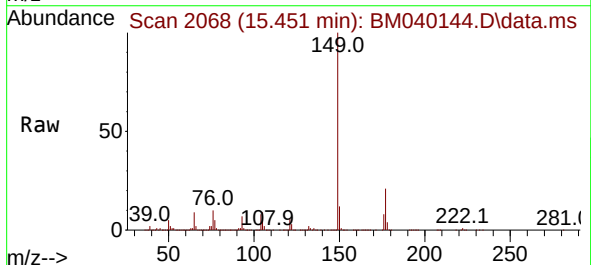
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

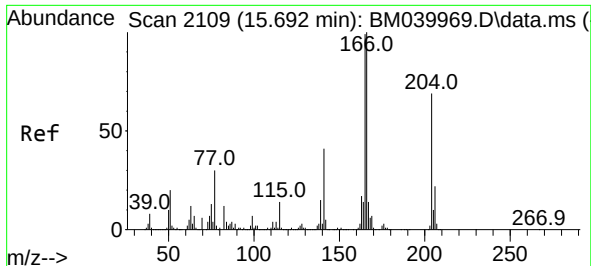
Tgt Ion:232 Resp: 657411
Ion Ratio Lower Upper
232 100
131 57.4 42.8 64.2
130 3.1 2.3 3.5
166 34.5 26.6 39.8



#60
Diethylphthalate
Concen: 59.561 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:149 Resp: 2888037
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.2 9.5 14.3

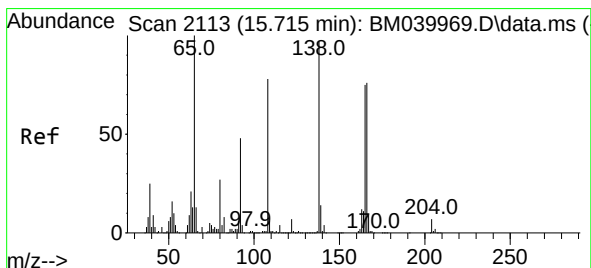
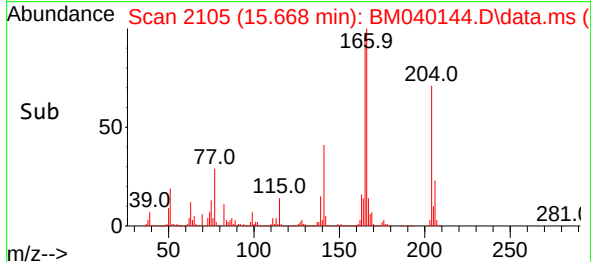
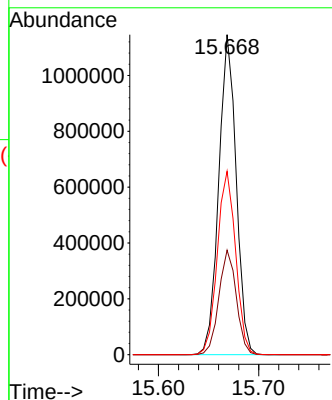
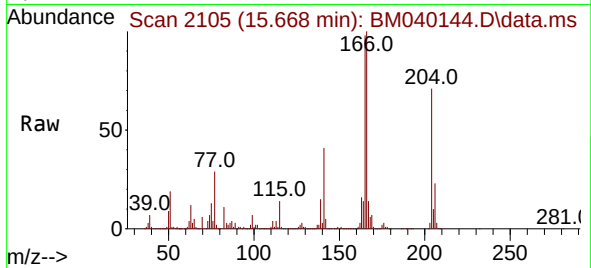




#61
4-Chlorophenyl-phenylether
Concen: 54.078 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

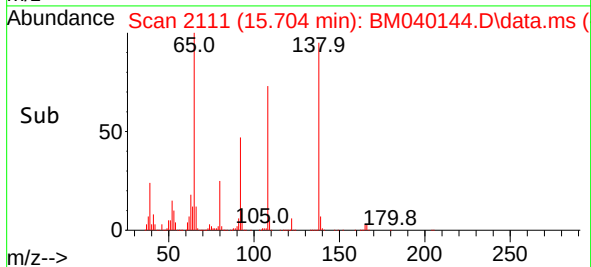
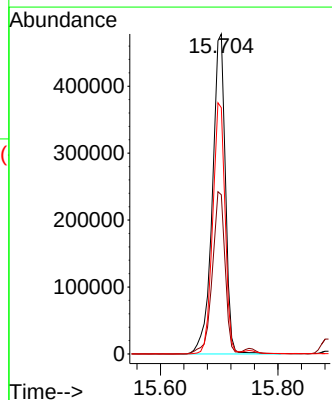
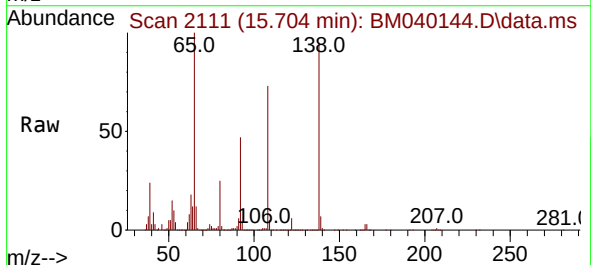
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

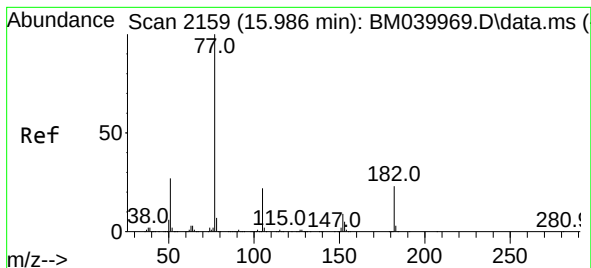
Tgt Ion:204 Resp: 1381154
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.3 46.9 70.3



#62
4-Nitroaniline
Concen: 63.641 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:138 Resp: 735793
Ion Ratio Lower Upper
138 100
92 49.8 29.1 69.1
108 77.0 60.0 100.0





#63

Azobenzene

Concen: 60.326 ng

RT: 15.963 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion: 77 Resp: 2916329

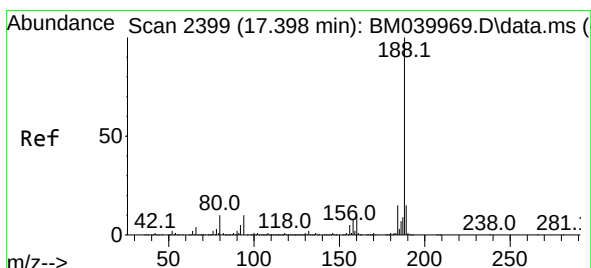
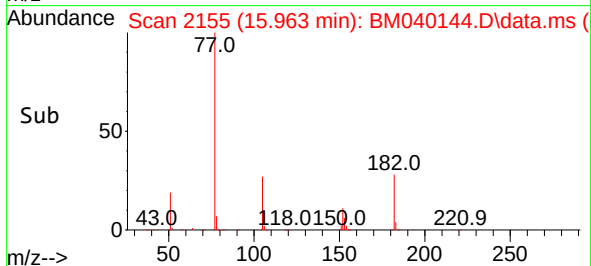
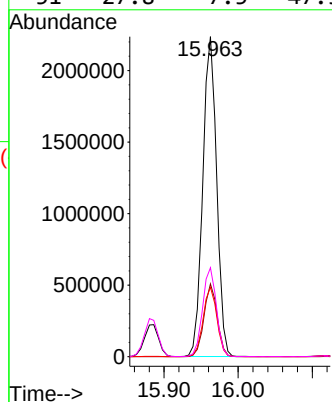
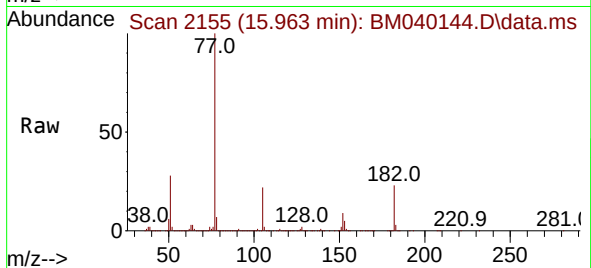
Ion Ratio Lower Upper

77 100

182 22.7 2.9 42.9

105 21.7 1.5 41.5

51 27.8 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

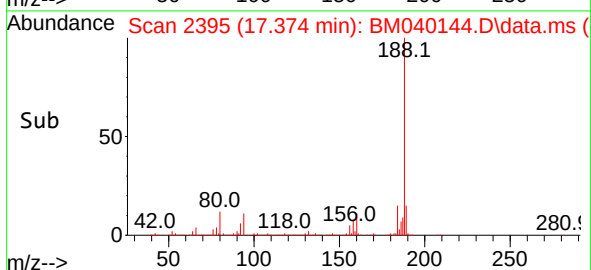
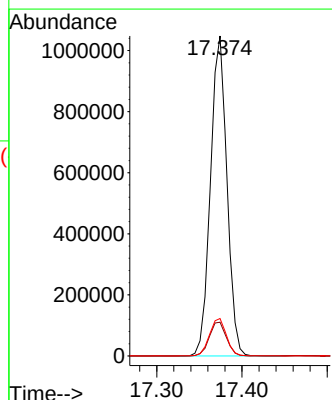
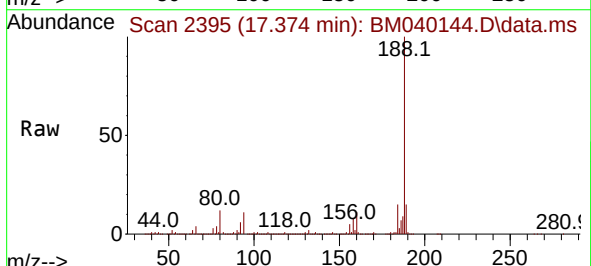
Tgt Ion: 188 Resp: 1406087

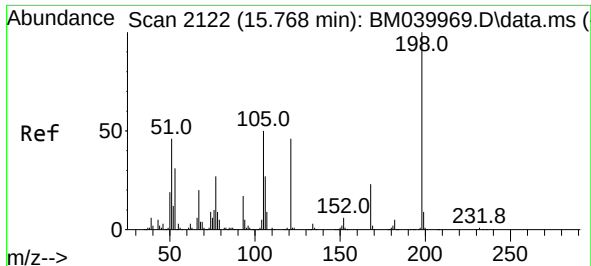
Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

80 11.7 8.2 12.4

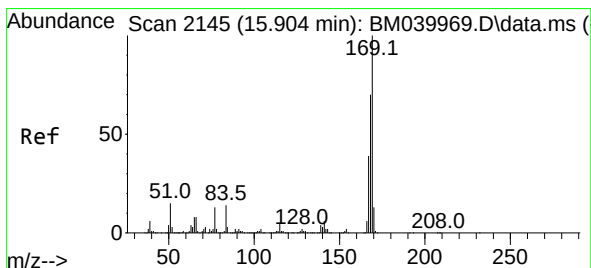
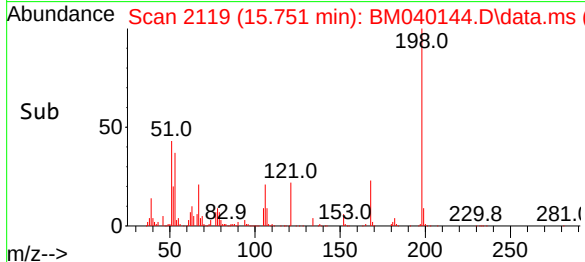
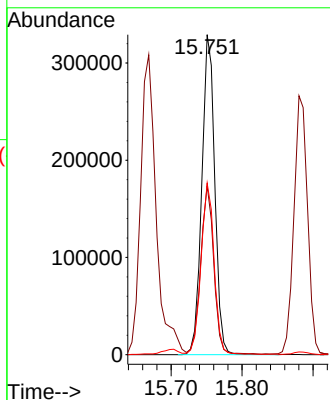
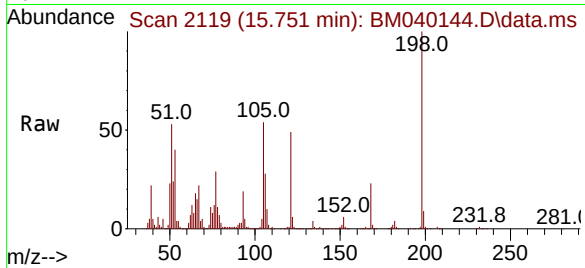




#65
4,6-Dinitro-2-methylphenol
Concen: 53.040 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

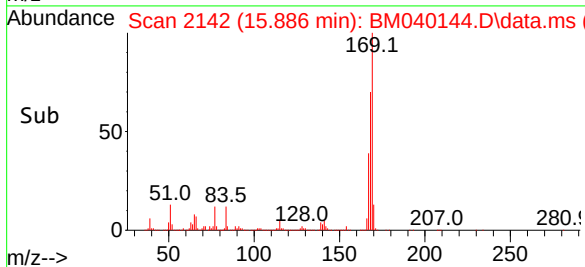
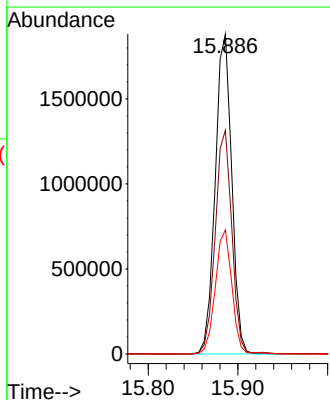
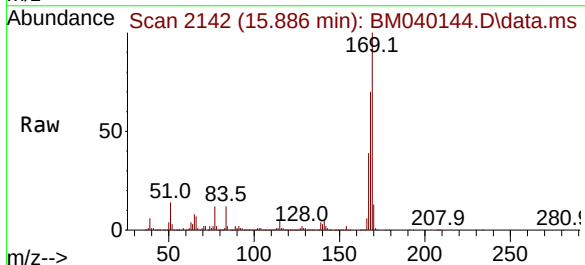
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

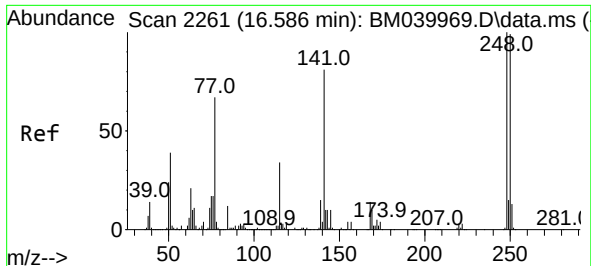
Tgt Ion:198 Resp: 418697
Ion Ratio Lower Upper
198 100
51 52.8 29.9 69.9
105 53.6 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 49.672 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:169 Resp: 2401850
Ion Ratio Lower Upper
169 100
168 69.9 56.0 84.0
167 38.8 31.0 46.6

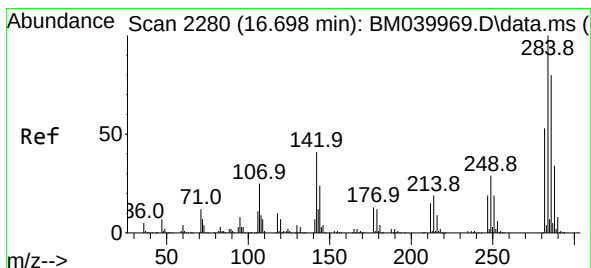
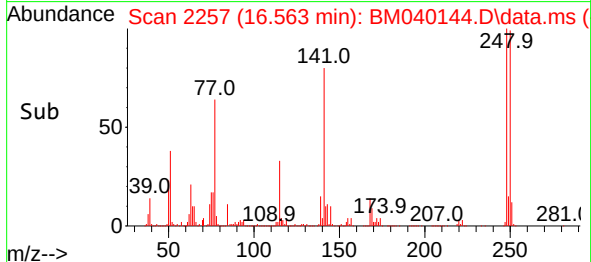
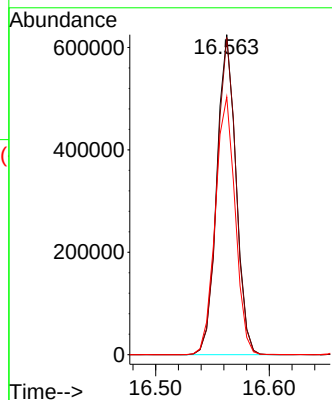
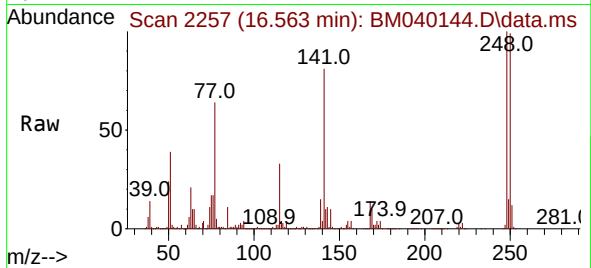




#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 16.563 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

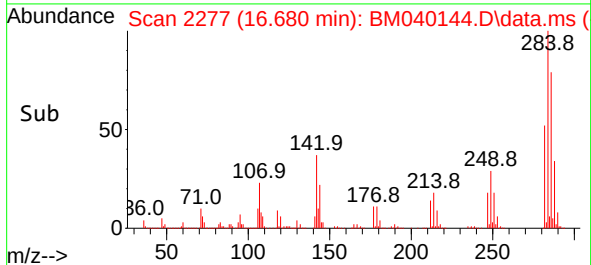
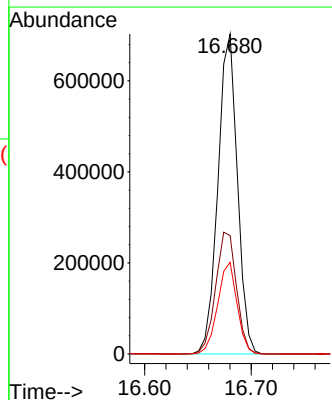
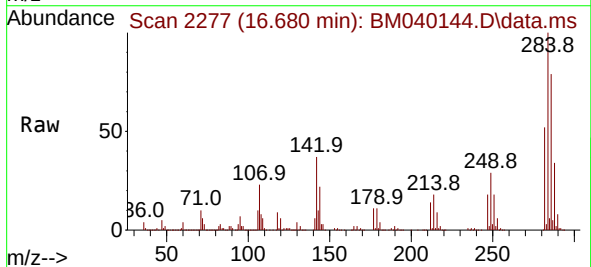
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

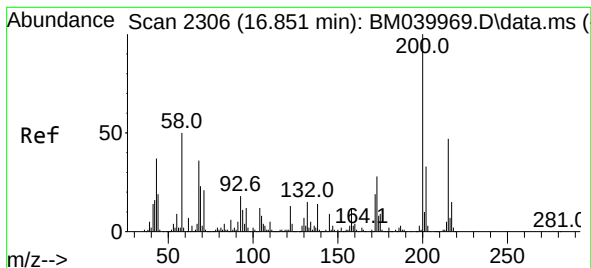
Tgt Ion:248 Resp: 732469
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.0
141 80.6 64.8 97.2



#68
Hexachlorobenzene
Concen: 50.121 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:284 Resp: 889896
Ion Ratio Lower Upper
284 100
142 37.0 32.4 48.6
249 28.6 23.4 35.2





#69

Atrazine

Concen: 43.797 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

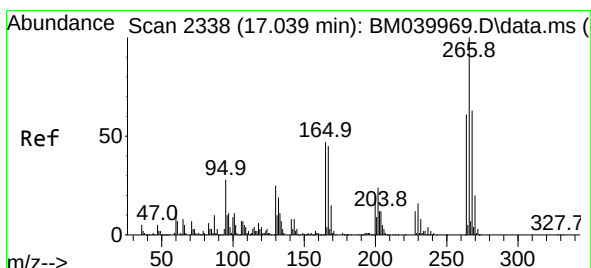
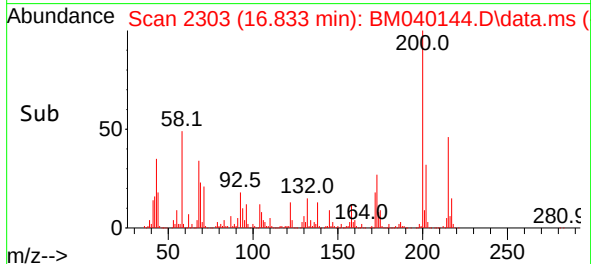
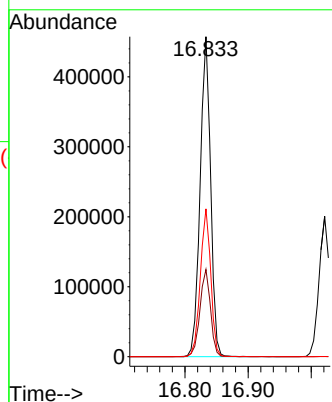
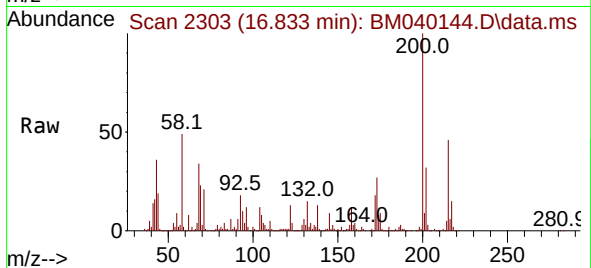
Tgt Ion:200 Resp: 526768

Ion Ratio Lower Upper

200 100

173 27.3 7.7 47.7

215 46.2 27.5 67.5



#70

Pentachlorophenol

Concen: 111.333 ng

RT: 17.021 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

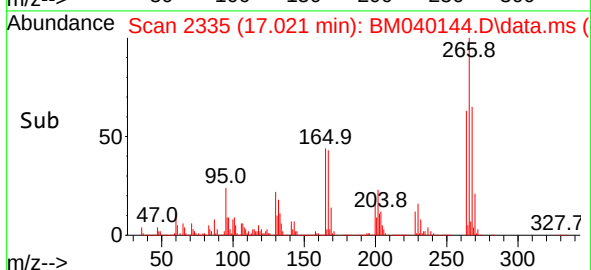
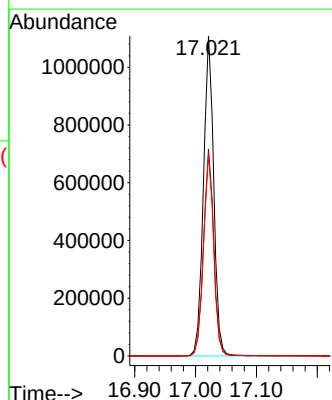
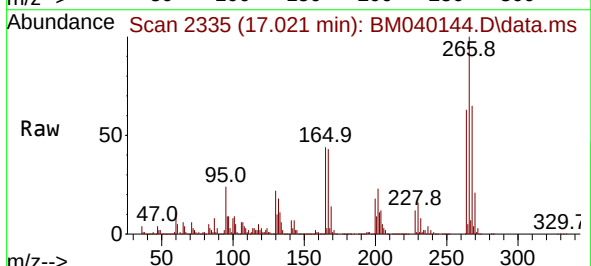
Tgt Ion:266 Resp: 1297628

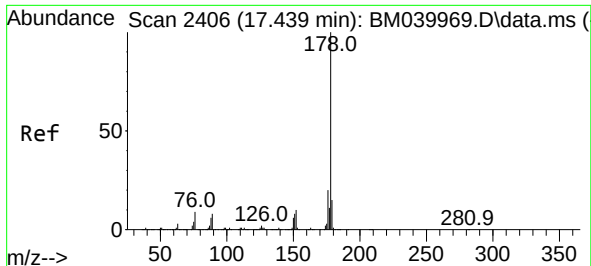
Ion Ratio Lower Upper

266 100

268 64.7 50.2 75.4

264 63.2 49.0 73.6

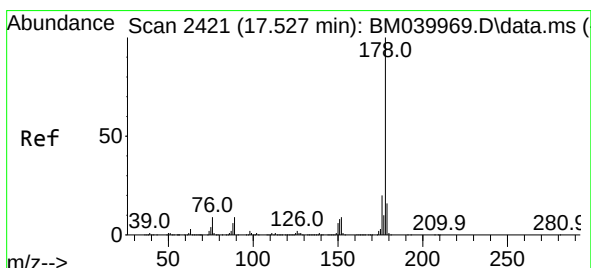
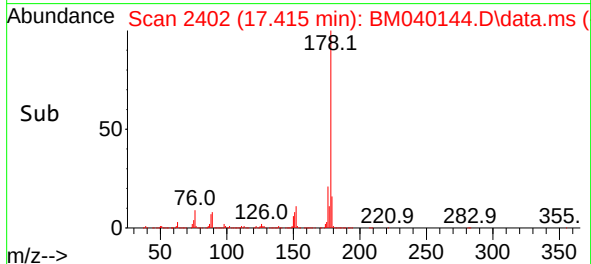
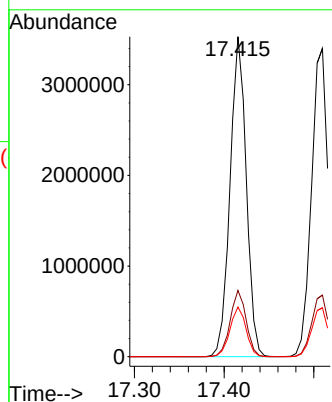
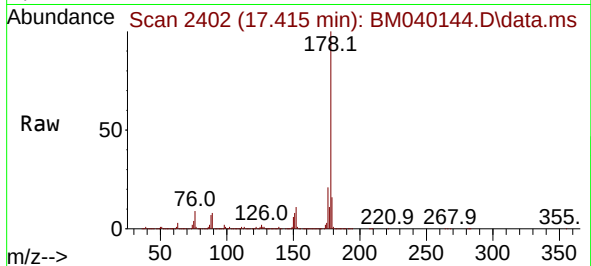




#71
Phenanthrene
Concen: 52.664 ng
RT: 17.415 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

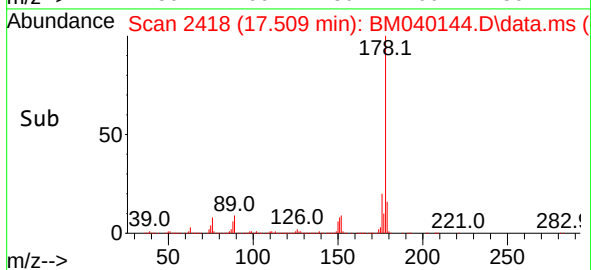
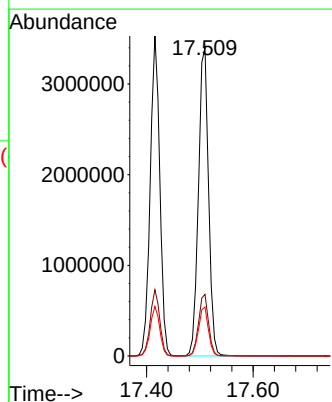
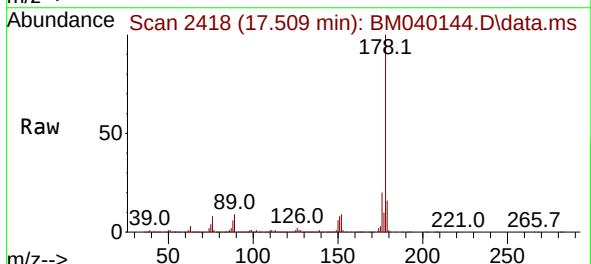
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

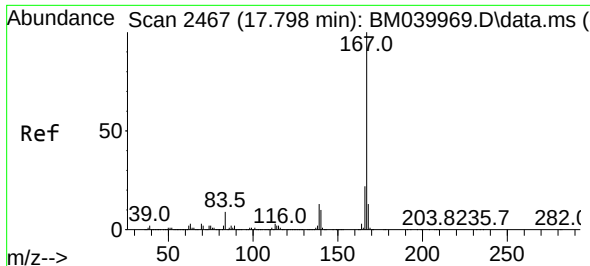
Tgt Ion:178 Resp: 4429246
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 53.880 ng
RT: 17.509 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:178 Resp: 4489831
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.9 12.5 18.7

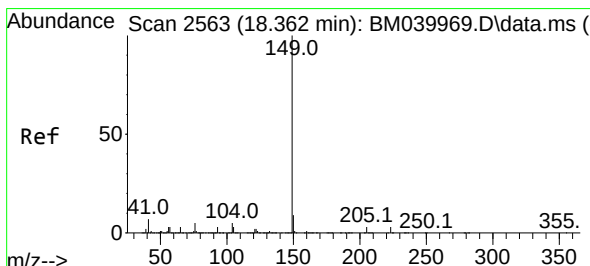
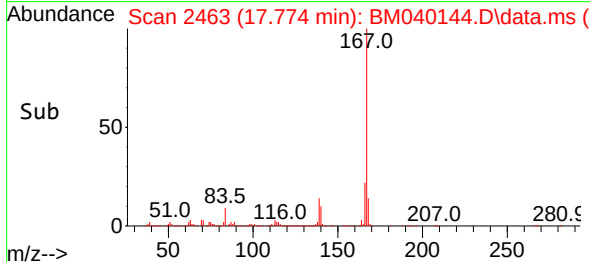
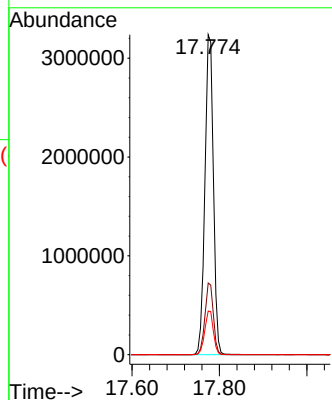
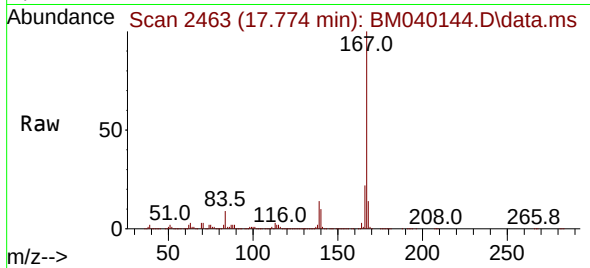




#73
 Carbazole
 Concen: 58.091 ng
 RT: 17.774 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

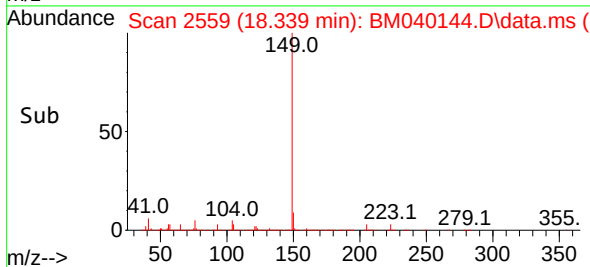
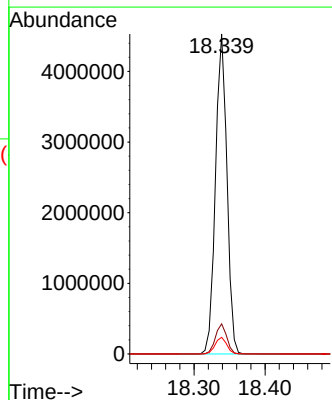
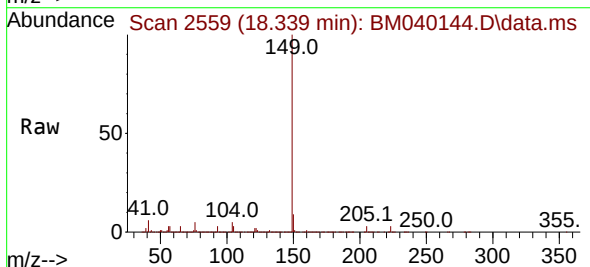
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

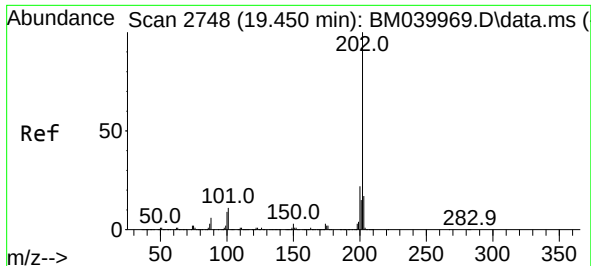
Tgt Ion:167 Resp: 4373435
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 52.229 ng
 RT: 18.339 min Scan# 2559
 Delta R.T. -0.006 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

Tgt Ion:149 Resp: 5060655
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.2 4.2 6.2

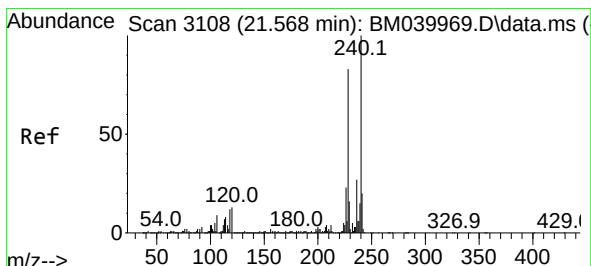
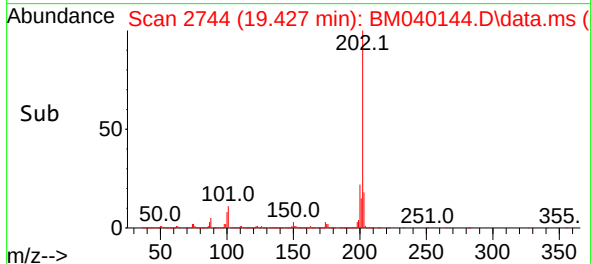
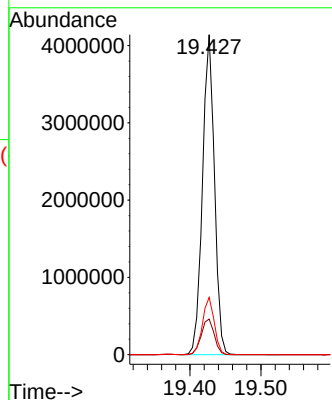
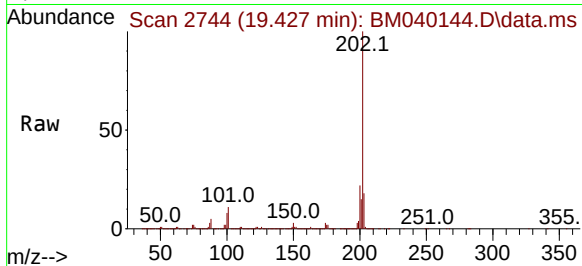




#75
Fluoranthene
Concen: 57.885 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

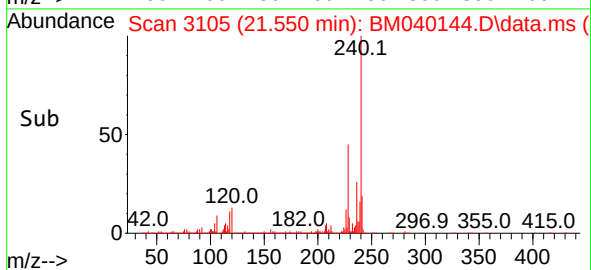
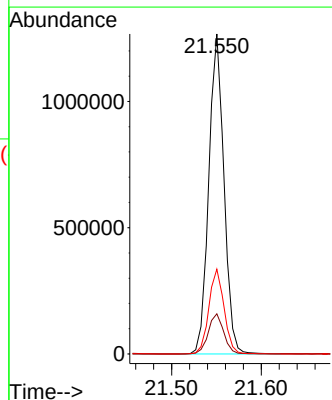
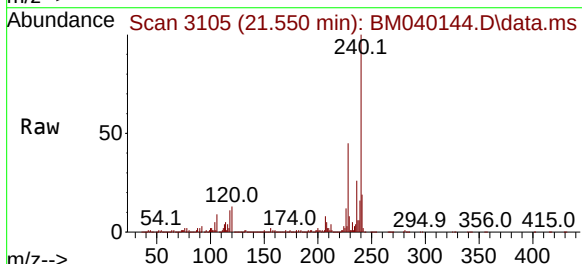
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

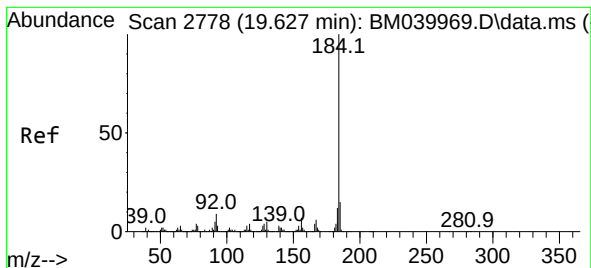
Tgt Ion:202 Resp: 4852216
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:240 Resp: 1486939
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 26.5 21.3 31.9





#77

Benzidine

Concen: 19.710 ng

RT: 19.609 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

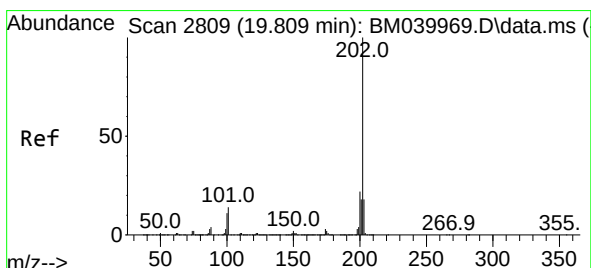
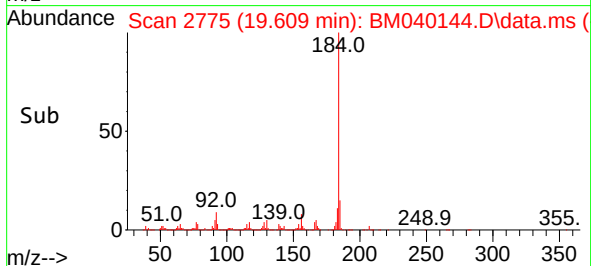
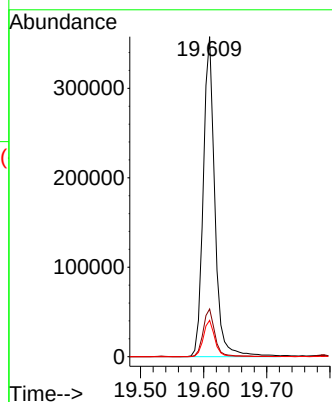
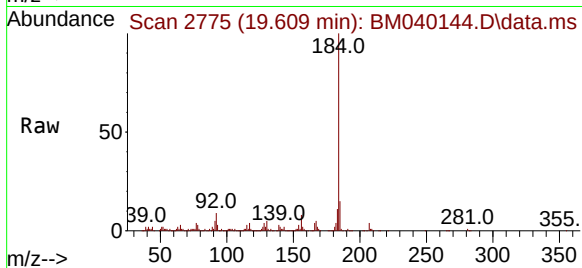
Tgt Ion:184 Resp: 455115

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 11.3 9.2 13.8



#78

Pyrene

Concen: 48.062 ng

RT: 19.792 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

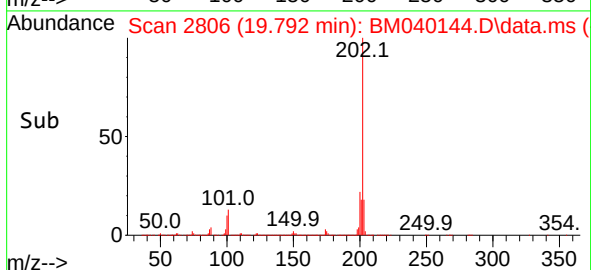
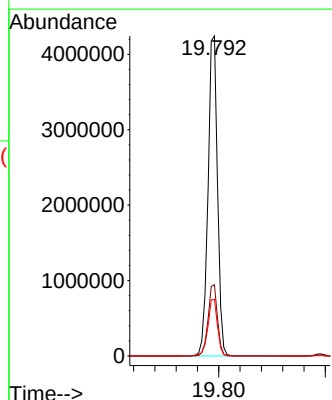
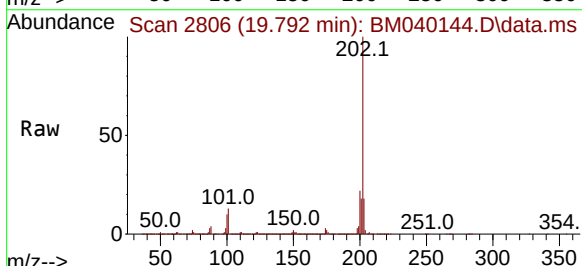
Tgt Ion:202 Resp: 5244059

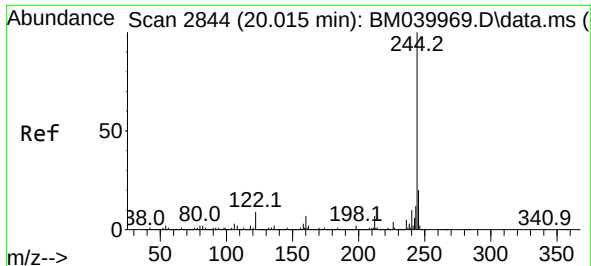
Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

203 17.7 14.1 21.1

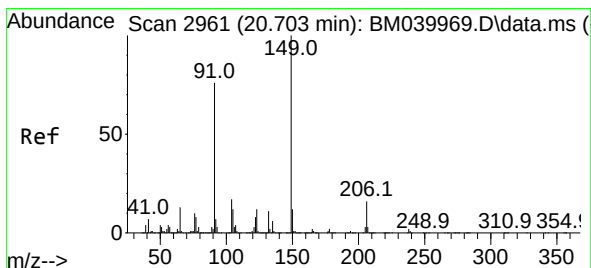
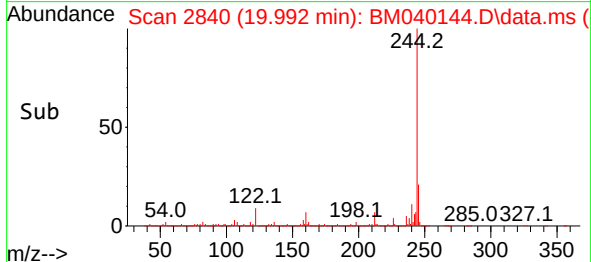
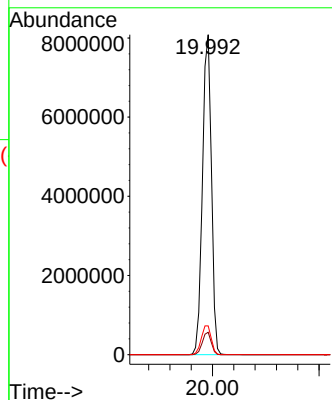
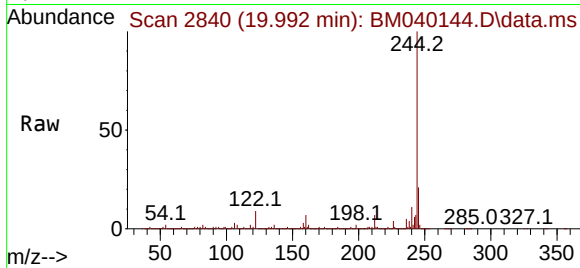




#79
 Terphenyl-d14
 Concen: 98.359 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

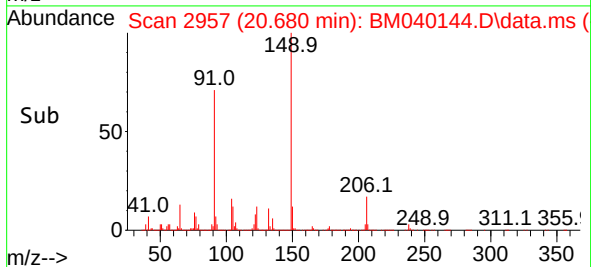
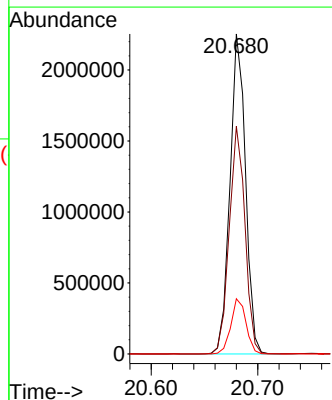
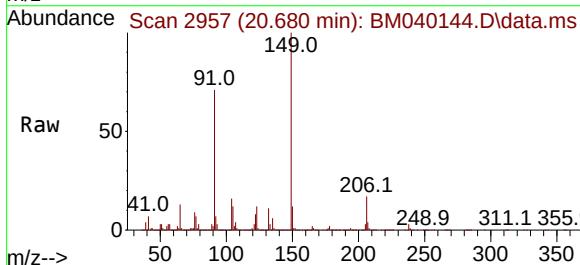
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

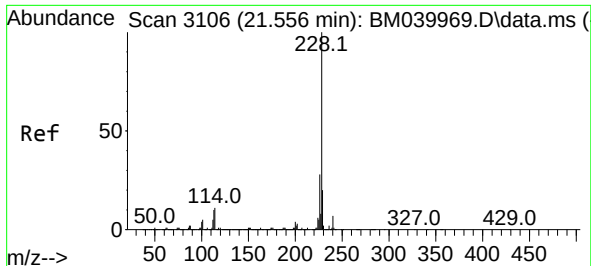
Tgt Ion:244 Resp: 9419331
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 9.0 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 50.548 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

Tgt Ion:149 Resp: 2280904
 Ion Ratio Lower Upper
 149 100
 91 71.2 61.0 91.4
 206 17.3 12.7 19.1

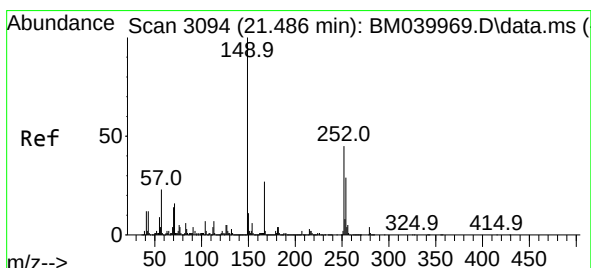
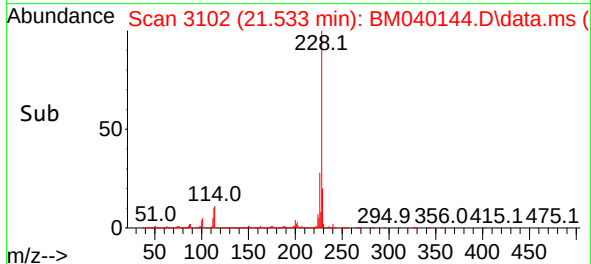
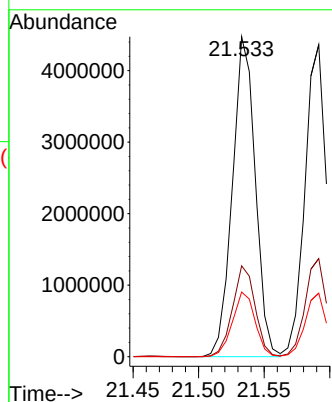
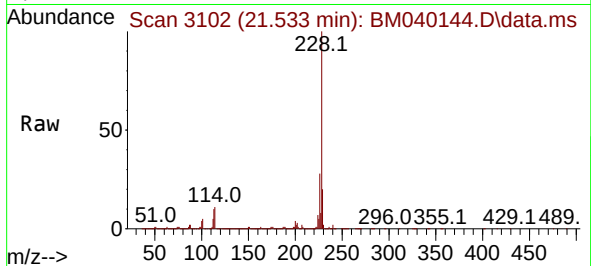




#81
Benzo(a)anthracene
Concen: 51.690 ng
RT: 21.533 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

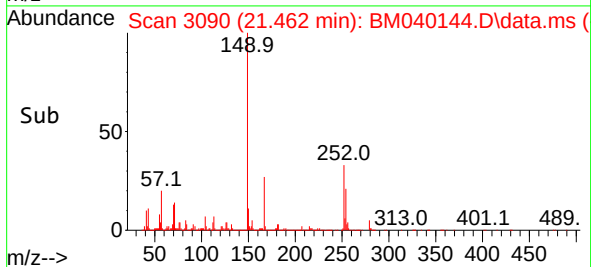
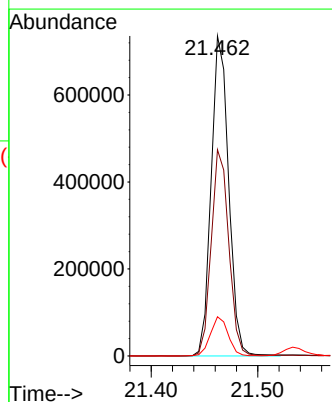
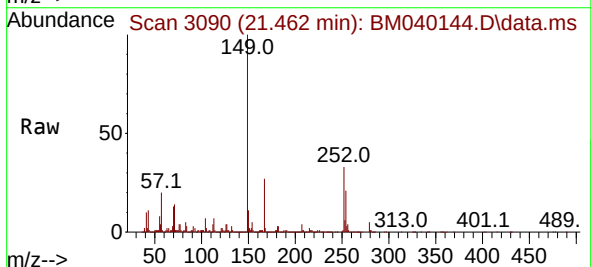
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

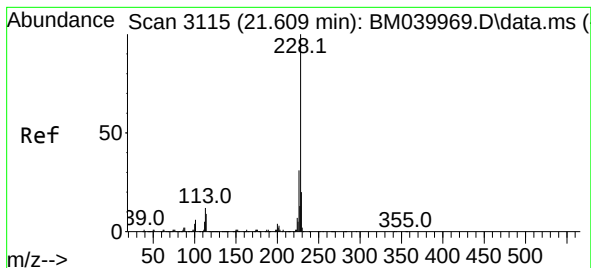
Tgt Ion:228 Resp: 5441073
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.4
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 26.604 ng
RT: 21.462 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:252 Resp: 836534
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 12.3 8.7 13.1





#83

Chrysene

Concen: 49.462 ng

RT: 21.592 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

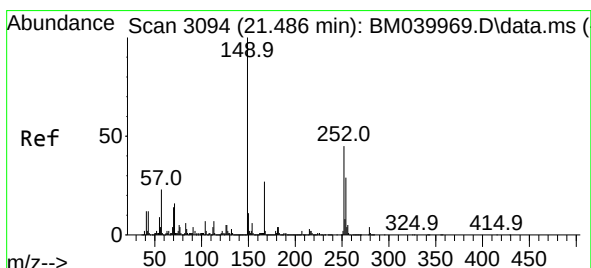
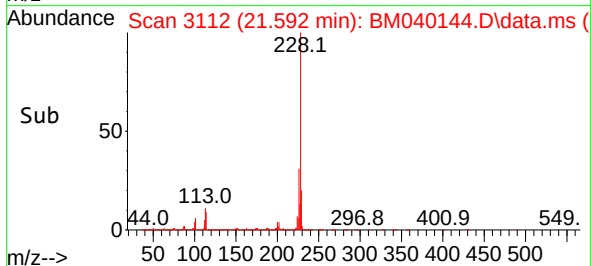
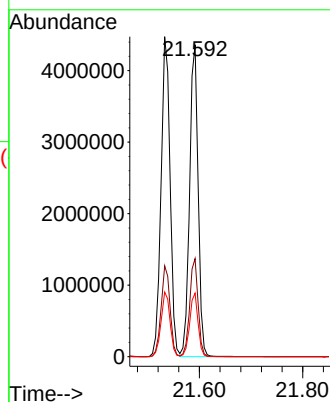
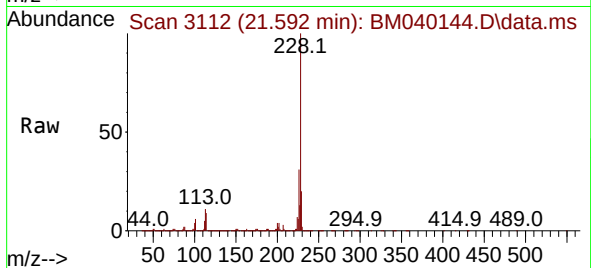
Tgt Ion:228 Resp: 4995567

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.893 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

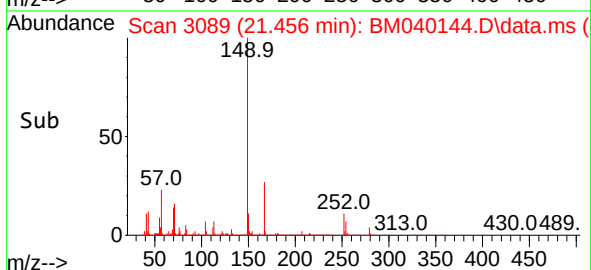
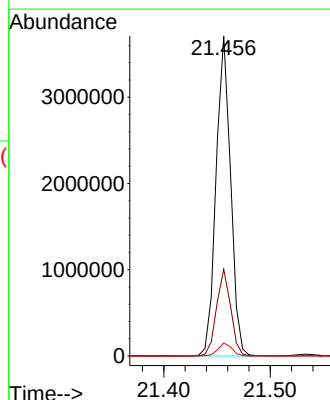
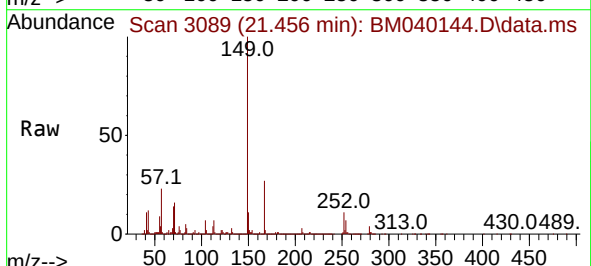
Tgt Ion:149 Resp: 3500988

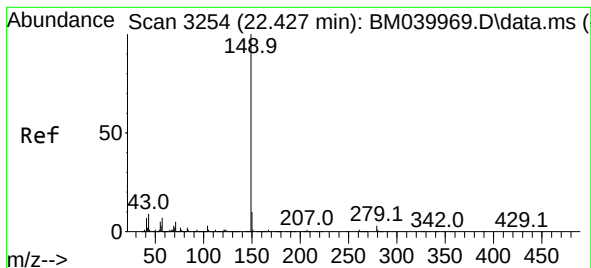
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.046 ng

RT: 22.392 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

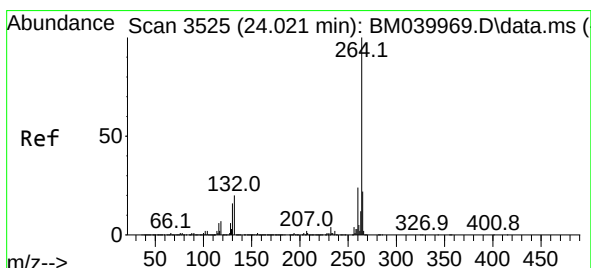
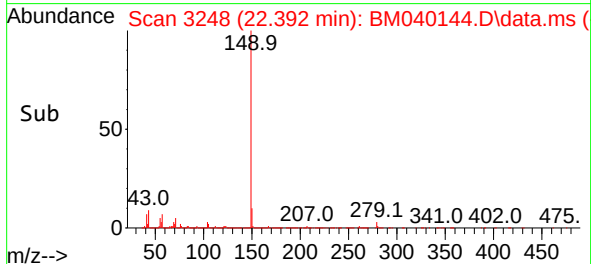
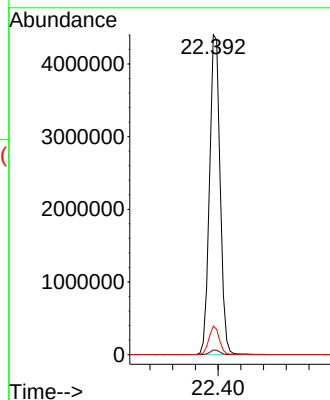
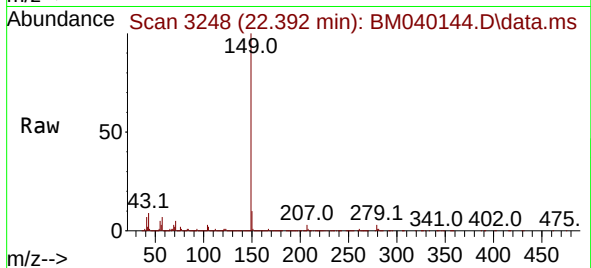
Tgt Ion:149 Resp: 5657595

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

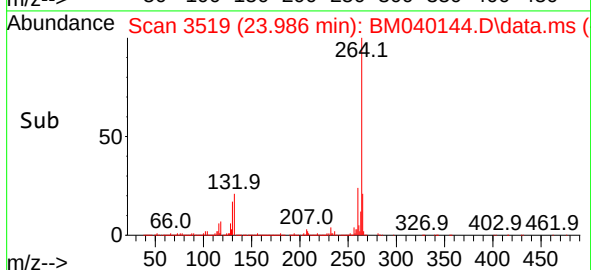
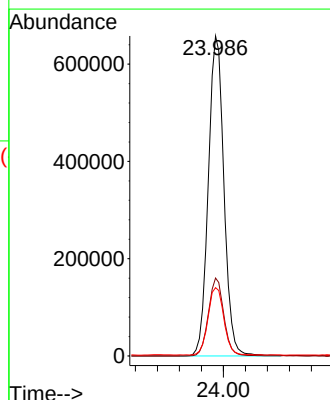
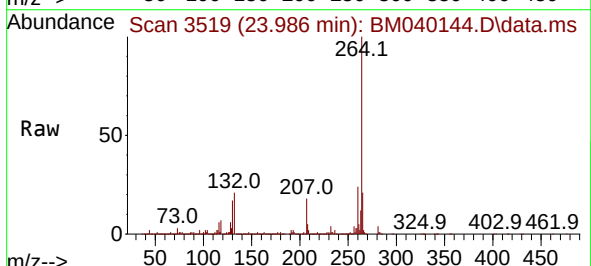
Tgt Ion:264 Resp: 1298090

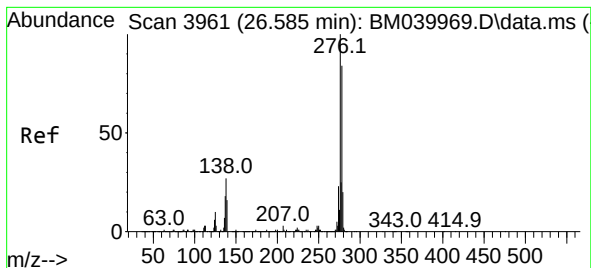
Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.372 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

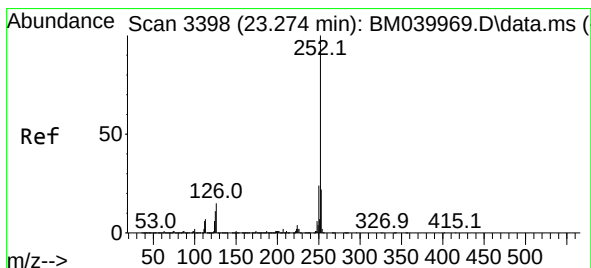
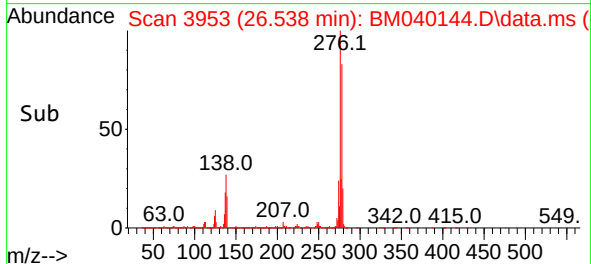
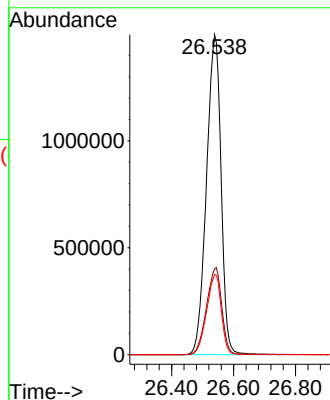
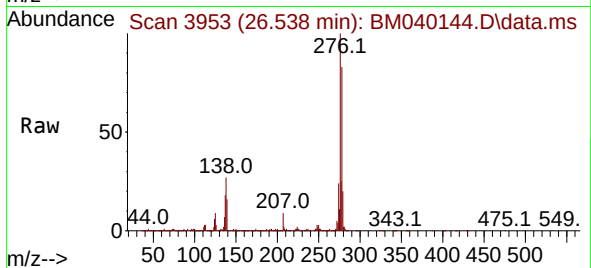
Tgt Ion:276 Resp: 4890186

Ion Ratio Lower Upper

276 100

138 28.5 23.2 34.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 58.395 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

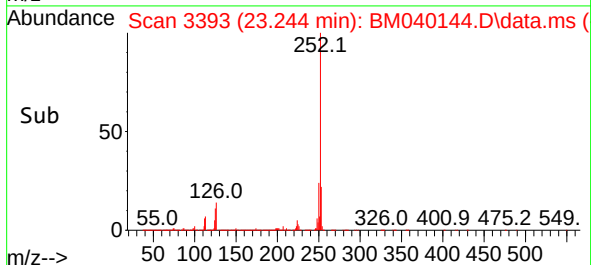
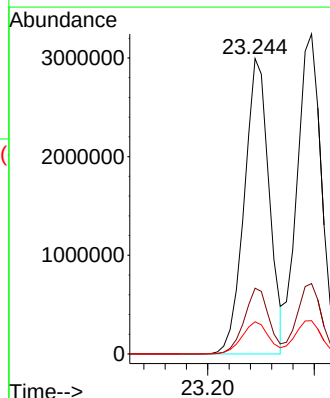
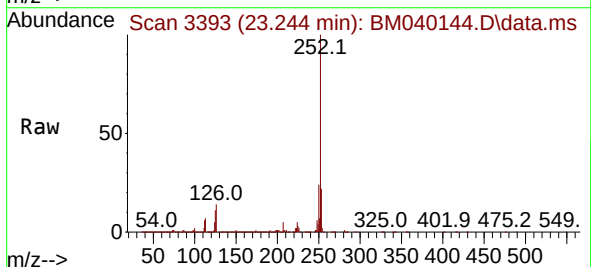
Tgt Ion:252 Resp: 4853181

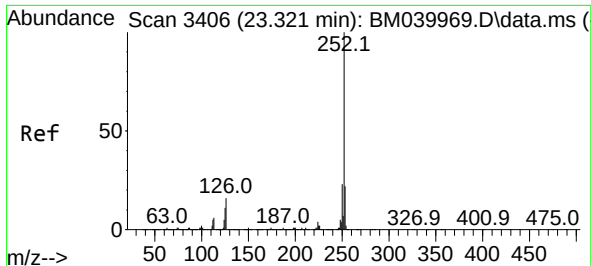
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.9 8.9 13.3

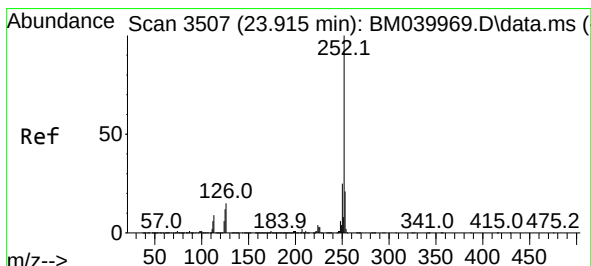
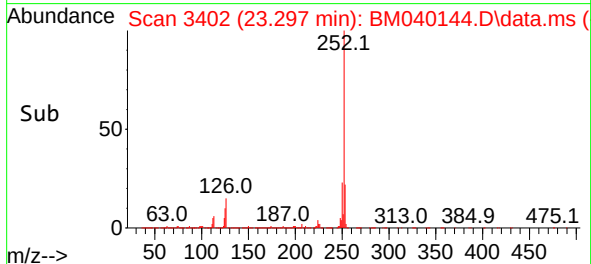
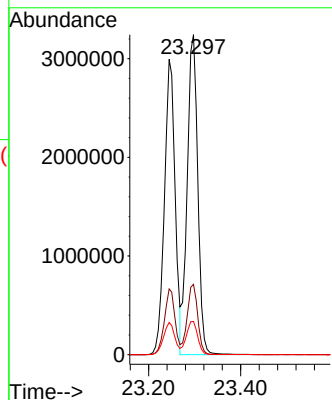
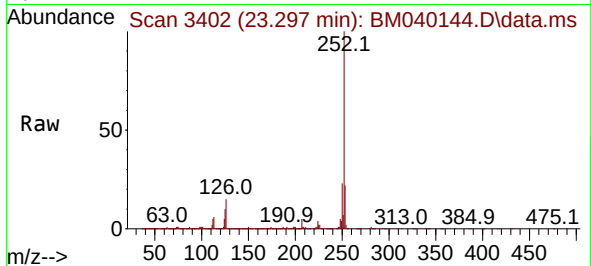




#89
Benzo(k)fluoranthene
Concen: 56.520 ng
RT: 23.297 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

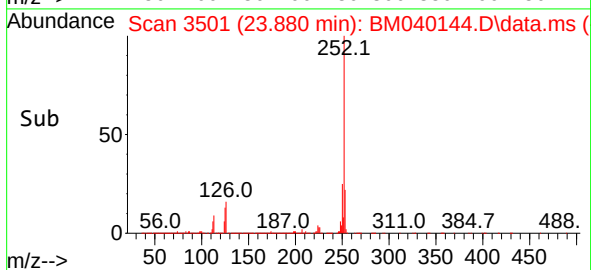
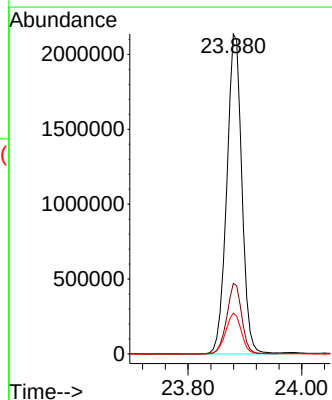
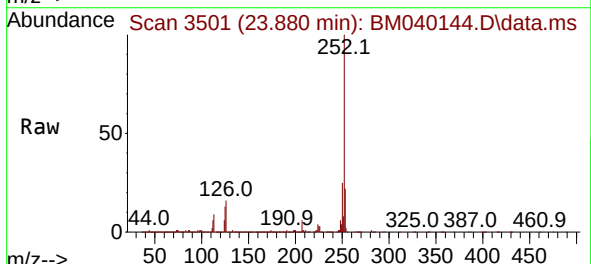
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

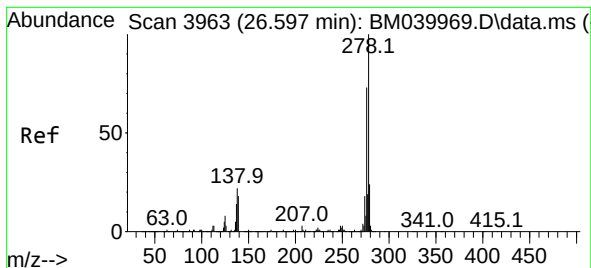
Tgt Ion:252 Resp: 5136366
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 49.434 ng
RT: 23.880 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:252 Resp: 3940037
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 12.7 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 48.269 ng

RT: 26.550 min Scan# 3955

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

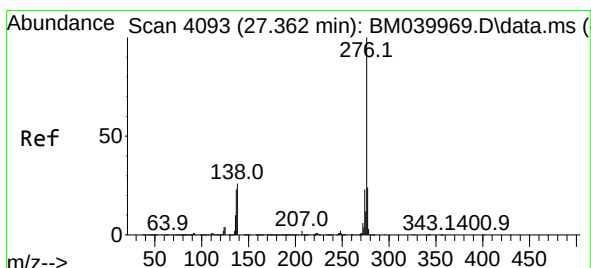
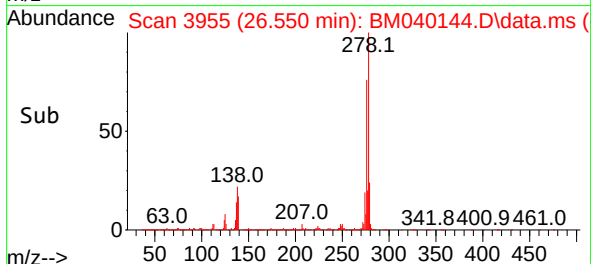
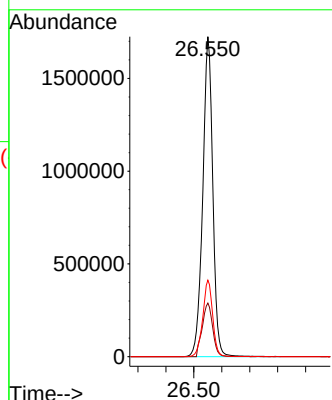
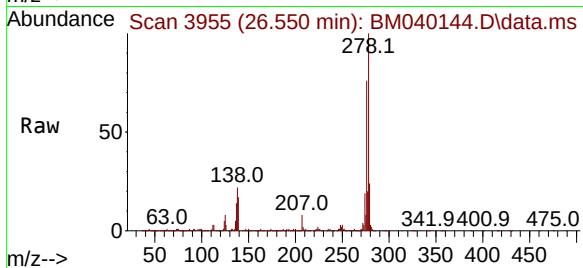
Tgt Ion:278 Resp: 4301847

Ion Ratio Lower Upper

278 100

139 16.8 14.0 21.0

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.954 ng

RT: 27.315 min Scan# 4085

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Tgt Ion:276 Resp: 3462101

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 25.7 20.6 31.0

